

Appendix 2:

Saturated biomarker summary sheets and mass chromatograms (GC-MSD)

- 1 Rock extracts 25/11-15
- 2 Oil 25/11-15 (DST # 1)
- 3 Rock extracts 25/11-18, 25/11-18 T2
- 4 Oil 25/11-18 T2 (SRFT)
- 5 Extracts from sandstone without/with Aquamul added
- 6 Reference sample

Peak#	Rt min	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.21	217.00	24baa	2976	29

DITERPANES:					
5	34.01	191.00	19/3	1785	14
6	35.95	191.00	20/3	1500	12
7	37.98	191.00	21/3	2175	18
11	41.90	191.00	23/3	3560	29
13	43.00	191.00	24/3	2886	23
14	45.26	191.00	25/3	1477	12
16	46.88	191.00	26/3R	1063	9
17	47.02	191.00	26/3S	960	8
20	50.51	191.00	28/3R	1161	9
21	50.74	191.00	28/3S	954	8
23	51.53	191.00	29/3R	1373	11
25	52.00	191.00	29/3S	1175	9
15	46.77	191.00	24/4	2391	19

TRITERPANES:					
26	52.66	191.00	27Ts	6156	50
28	52.91	177.00	25nor28ab	1560	13
29	53.32	191.00	27Tm	5349	43
33	53.81	191.00	27b	1336	11
32	53.70	177.00	25nor29ab	6280	51
34	54.87	191.00	28ab	5307	43
36	55.09	177.00	25nor30ab	3315	27
39	55.56	191.00	29ab	10592	85
40	55.67	191.00	29Ts	5150	42
43	56.35	191.00	29ba	1825	15
42	55.91	191.00	30D	3933	32
46	56.93	191.00	30ab	22417	126
47	57.26	191.00	30D13	2357	19
48	57.40	191.00	30ba	1258	7
51	59.00	191.00	30G	1972	16
49	58.49	191.00	31abS	10471	84
50	58.69	191.00	31abR	7297	59
52	59.19	191.00	31ba	914	7
53	59.71	191.00	32abS	7576	61
54	59.98	191.00	32abR	5261	42
55	61.14	191.00	33abS	6312	51
56	61.50	191.00	33abR	4139	33
57	62.61	191.00	34abS	3613	29
58	63.10	191.00	34abR	2138	17
59	64.29	191.00	35abS	3001	24
60	64.97	191.00	35abR	2006	16

SATURATE BIOMARKERS

File name (sample): 1734_55.D
File path: C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:
Sample name: 25/11-15 1734.55 COCH
Operator: Arne
Method: MSD_S_C
Date analyzed: #####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.47	217.00	21aa	4438	36
9	40.11	217.00	21bb	4813	49
10	40.24	217.00	22aa	3559	36
12	42.44	217.00	22bb	2888	29
18	48.70	217.00	27dbS	7238	73
19	49.33	217.00	27dbR	4338	44
22	51.66	218.00	27bbR	6730	68
24	51.80	218.00	27bbS	4978	50
27	52.19	217.00	27aaR	2798	28
30	53.38	218.00	28bbR	3934	40
31	53.52	218.00	28bbS	5011	51
35	54.50	217.00	29aaS	2403	24
37	54.80	218.00	29bbR	5928	60
38	54.89	218.00	29bbS	5216	53
41	55.49	217.00	29aaR	2711	27
44	55.96	218.00	30bbR	1753	18
45	56.00	218.00	30bbS	1601	16

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.19	217.00	24baa	2271	25

DITERPANES:					
5	34.01	191.00	19/3	1580	14
6	35.95	191.00	20/3	1415	12
7	37.96	191.00	21/3	2110	19
11	41.89	191.00	23/3	3074	27
13	43.00	191.00	24/3	2593	23
14	45.25	191.00	25/3	1314	12
16	46.88	191.00	26/3R	840	7
17	47.01	191.00	26/3S	936	8
20	50.51	191.00	28/3R	941	8
21	50.74	191.00	28/3S	952	8
23	51.53	191.00	29/3R	1147	10
25	51.81	191.00	29/3S	1131	10
15	46.77	191.00	24/4	2098	19

TRITERPANES:					
26	52.66	191.00	27Ts	5764	51
28	52.90	177.00	25nor28ab	1468	13
29	53.32	191.00	27Tm	4525	40
33	53.81	191.00	27b	1279	12
32	53.70	177.00	25nor29ab	5607	49
34	54.87	191.00	28ab	4278	38
36	55.08	177.00	25nor30ab	2976	26
39	55.57	191.00	29ab	8747	77
40	55.67	191.00	29Ts	5202	46
43	56.35	191.00	29ba	1596	14
42	55.91	191.00	30D	3714	33
46	56.93	191.00	30ab	19965	123
47	57.26	191.00	30D13	2334	21
48	57.54	191.00	30ba	1998	12
51	59.02	191.00	30G	1900	17
49	58.49	191.00	31abS	9187	81
50	58.67	191.00	31abR	6313	56
52	59.21	191.00	31ba	945	8
53	59.71	191.00	32abS	6661	59
54	59.98	191.00	32abR	4635	41
55	61.14	191.00	33abS	5524	49
56	61.50	191.00	33abR	3640	32
57	62.61	191.00	34abS	3207	28
58	63.10	191.00	34abR	2035	18
59	64.30	191.00	35abS	2722	24
60	64.97	191.00	35abR	1703	15

SATURATE BIOMARKERS

File name (sample):	1737_60.D
File path:	C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:	
Sample name:	25/11-15 1737.60 COCH
Operator:	Arne
Method:	MSD_S_C
Date analyzed:	#####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.47	217.00	21aa	3918	35
9	40.11	217.00	21bb	4417	49
10	40.22	217.00	22aa	3180	35
12	42.44	217.00	22bb	2664	29
18	48.70	217.00	27dbS	6318	70
19	49.33	217.00	27dbR	3875	43
22	51.66	218.00	27bbR	5874	65
24	51.80	218.00	27bbS	4488	50
27	52.19	217.00	27aaR	2580	29
30	53.38	218.00	28bbR	3514	39
31	53.52	218.00	28bbS	4214	47
35	54.50	217.00	29aaS	2140	24
37	54.80	218.00	29bbR	5054	56
38	54.89	218.00	29bbS	4825	53
41	55.49	217.00	29aaR	2420	26
44	55.96	218.00	30bbR	1551	17
45	56.02	218.00	30bbS	1446	16

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.21	217.00	24baa	2818	23

DITERPANES:					
5	34.01	191.00	19/3	2001	13
6	35.95	191.00	20/3	1674	11
7	37.98	191.00	21/3	2579	17
11	41.90	191.00	23/3	3687	25
13	43.00	191.00	24/3	3080	21
14	45.25	191.00	25/3	1658	11
16	46.88	191.00	26/3R	1082	7
17	47.01	191.00	26/3S	1067	7
20	50.51	191.00	28/3R	1260	8
21	50.74	191.00	28/3S	1114	7
23	51.53	191.00	29/3R	1803	12
25	52.00	191.00	29/3S	1236	8
15	46.77	191.00	24/4	2758	19

TRITERPANES:					
26	52.66	191.00	27Ts	6981	47
28	52.90	177.00	25nor28ab	1689	11
29	53.32	191.00	27Tm	6119	41
33	53.82	191.00	27b	1250	9
32	53.70	177.00	25nor29ab	6720	45
34	54.87	191.00	28ab	5430	36
36	55.09	177.00	25nor30ab	3880	26
39	55.56	191.00	29ab	10766	72
40	55.67	191.00	29Ts	6483	43
43	56.35	191.00	29ba	1926	13
42	55.93	191.00	30D	4410	30
46	56.93	191.00	30ab	24574	115
47	57.26	191.00	30D13	2593	17
48	57.54	191.00	30ba	2468	12
51	59.00	191.00	30G	2414	16
49	58.49	191.00	31abS	10964	74
50	58.69	191.00	31abR	7817	52
52	59.21	191.00	31ba	1139	8
53	59.71	191.00	32abS	8251	55
54	59.98	191.00	32abR	5976	40
55	61.14	191.00	33abS	7181	48
56	61.50	191.00	33abR	4642	31
57	62.61	191.00	34abS	4323	29
58	63.10	191.00	34abR	2387	16
59	64.29	191.00	35abS	3606	24
60	64.97	191.00	35abR	2093	14

SATURATE BIOMARKERS

File name (sample):
1739_60.D
File path:
C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:
Sample name:
25/11-15 1739.60 COCH
Operator:
Arne
Method:
MSD_S_C
Date analyzed:
#####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.47	217.00	21aa	4922	33
9	40.11	217.00	21bb	5308	45
10	40.24	217.00	22aa	3918	33
12	42.44	217.00	22bb	3243	27
18	48.70	217.00	27dbS	8053	68
19	49.33	217.00	27dbR	4606	39
22	51.66	218.00	27bbR	7523	63
24	51.80	218.00	27bbS	5310	45
27	52.19	217.00	27aaR	2994	25
30	53.38	218.00	28bbR	4221	35
31	53.51	218.00	28bbS	4915	41
35	54.48	217.00	29aaS	2793	23
37	54.80	218.00	29bbR	6360	53
38	54.89	218.00	29bbS	5656	48
41	55.49	217.00	29aaR	3052	25
44	55.96	218.00	30bbR	1997	17
45	56.02	218.00	30bbS	1776	15

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.19	217.00	24baa	2798	29
DITERPANES:					
5	33.99	191.00	19/3	1737	15
6	35.95	191.00	20/3	1426	12
7	37.96	191.00	21/3	2174	18
11	41.89	191.00	23/3	3099	26
13	43.00	191.00	24/3	2598	22
14	45.25	191.00	25/3	1308	11
16	46.87	191.00	26/3R	943	8
17	47.01	191.00	26/3S	846	7
20	50.49	191.00	28/3R	947	8
21	50.74	191.00	28/3S	951	8
23	51.51	191.00	29/3R	1254	11
25	51.98	191.00	29/3S	1061	9
15	46.77	191.00	24/4	2169	18
TRITERPANES:					
26	52.64	191.00	27Ts	5968	51
23	52.90	177.00	25nor28ab	1524	13
29	53.32	191.00	27Tm	4781	41
33	53.79	191.00	27b	1214	11
32	53.70	177.00	25nor29ab	5802	49
34	54.80	191.00	28ab	4658	39
36	55.08	177.00	25nor30ab	3200	27
39	55.56	191.00	29ab	9475	80
40	55.66	191.00	29Ts	4962	42
43	56.35	191.00	29ba	1689	14
42	55.91	191.00	30D	3472	29
46	56.92	191.00	30ab	18809	111
47	57.26	191.00	30D13	2154	18
48	57.53	191.00	30ba	2157	13
51	59.02	191.00	30G	2052	17
49	58.49	191.00	31abS	9222	78
50	58.67	191.00	31abR	6357	54
52	59.19	191.00	31ba	843	7
53	59.71	191.00	32abS	6882	58
54	59.98	191.00	32abR	4932	42
55	61.12	191.00	33abS	5986	51
56	61.48	191.00	33abR	3697	31
57	62.61	191.00	34abS	3432	29
58	63.10	191.00	34abR	2137	18
59	64.28	191.00	35abS	2682	23
60	64.97	191.00	35abR	1804	15

SATURATE BIOMARKERS

File name (sample):	1741_40.D
File path:	C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:	
Sample name:	25/11-15 1741.40 COCH
Operator:	Arne
Method:	MSD_S_C
Date analyzed:	#####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.47	217.00	21aa	4050	35
9	40.11	217.00	21bb	4575	49
10	40.22	217.00	22aa	3305	35
12	42.44	217.00	22bb	2614	28
18	48.69	217.00	27dbS	6512	69
19	49.32	217.00	27dbR	3990	42
22	51.64	218.00	27bbR	5983	64
24	51.80	218.00	27bbS	4447	47
27	52.19	217.00	27aaR	2525	27
30	53.38	218.00	28bbR	3579	38
31	53.51	218.00	28bbS	4519	48
35	54.48	217.00	29aaS	2262	24
37	54.80	218.00	29bbR	5033	53
38	54.89	218.00	29bbS	5160	55
41	55.47	217.00	29aaR	2394	25
44	55.96	218.00	30bbR	1813	19
45	56.00	218.00	30bbS	1430	15

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.21	217.00	24baa	4207	19

DITERPANES:					
5	34.01	191.00	19/3	3368	12
6	35.97	191.00	20/3	2880	10
7	37.98	191.00	21/3	4518	16
11	41.90	191.00	23/3	6332	23
13	43.02	191.00	24/3	5753	21
14	45.26	191.00	25/3	2855	10
16	46.88	191.00	26/3R	1913	7
17	47.02	191.00	26/3S	1933	7
20	50.51	191.00	28/3R	1833	7
21	50.74	191.00	28/3S	1747	6
23	51.53	191.00	29/3R	2582	9
25	52.00	191.00	29/3S	2187	8
15	46.77	191.00	24/4	4461	16

TRITERPANES:					
26	52.68	191.00	27Ts	11241	41
28	52.91	177.00	25nor28ab	2946	11
29	53.34	191.00	27Tm	9471	34
33	53.81	191.00	27b	2520	10
32	53.71	177.00	25nor29ab	10815	39
34	54.87	191.00	28ab	8637	31
36	55.09	177.00	25nor30ab	6146	22
39	55.58	191.00	29ab	17931	65
40	55.69	191.00	29Ts	10473	38
43	56.35	191.00	29ba	3186	12
42	55.93	191.00	30D	7263	26
46	56.93	191.00	30ab	35529	90
47	57.26	191.00	30D13	4463	16
48	57.54	191.00	30ba	3946	10
51	59.02	191.00	30C	4009	15
49	58.50	191.00	31abS	18508	67
50	58.69	191.00	31abR	14112	51
52	59.19	191.00	31ba	1842	7
53	59.71	191.00	32abS	12785	47
54	59.98	191.00	32abR	9735	35
55	61.14	191.00	33abS	10842	39
56	61.48	191.00	33abR	7018	26
57	62.61	191.00	34abS	6236	23
58	63.09	191.00	34abR	3774	14
59	64.29	191.00	35abS	5195	19
60	64.97	191.00	35abR	3277	12

SATURATE BIOMARKERS

File name (sample):	1747_5.D
File path:	C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:	
Sample name:	25/11-15 1747.50 COCH
Operator:	Arne
Method:	MSD_S_C
Date analyzed:	#####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.48	217.00	21aa	8196	30
9	40.13	217.00	21bb	9068	41
10	40.24	217.00	22aa	6638	30
12	42.45	217.00	22bb	5785	26
18	48.70	217.00	27dbS	13873	63
19	49.33	217.00	27dbR	8223	38
22	51.66	218.00	27bbR	11527	53
24	51.80	218.00	27bbS	8551	39
27	52.20	217.00	27aaR	5435	25
30	53.40	218.00	28bbR	7182	33
31	53.52	218.00	28bbS	8649	39
35	54.50	217.00	29aaS	4412	20
37	54.80	218.00	29bbR	10520	48
38	54.91	218.00	29bbS	10061	46
41	55.50	217.00	29aaR	5488	25
44	55.96	218.00	30bbR	3157	14
45	56.02	218.00	30bbS	3055	14

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.18	217.00	24baa	2201	29

DITERPANES:					
5	33.98	191.00	19/3	1274	14
6	35.92	191.00	20/3	1065	11
7	37.93	191.00	21/3	1580	17
11	41.87	191.00	23/3	2458	26
13	42.99	191.00	24/3	2040	22
14	45.23	191.00	25/3	1001	11
16	46.85	191.00	26/3R	745	8
17	46.99	191.00	26/3S	717	8
20	50.48	191.00	28/3R	808	9
21	50.71	191.00	28/3S	699	7
23	51.50	191.00	29/3R	1025	11
25	51.97	191.00	29/3S	834	9
15	46.74	191.00	24/4	1777	19

TRITERPANES:					
26	52.63	191.00	27Ts	4377	47
28	52.88	177.00	25nor28ab	1152	12
29	53.29	191.00	27Tm	3743	40
33	53.76	191.00	27b	905	10
32	53.66	177.00	25nor29ab	4381	47
34	54.84	191.00	28ab	3651	39
36	55.05	177.00	25nor30ab	2364	25
39	55.53	191.00	29ab	7583	81
40	55.64	191.00	29Ts	4032	43
43	56.32	191.00	29ba	1392	15
42	55.88	191.00	30D	2908	31
46	56.90	191.00	30ab	14134	105
47	57.23	191.00	30D13	1607	17
48	57.51	191.00	30ba	1424	11
51	58.99	191.00	30G	1351	14
49	58.47	191.00	31abS	6985	75
50	58.66	191.00	31abR	4965	53
52	59.18	191.00	31ba	670	7
53	59.68	191.00	32abS	5082	54
54	59.95	191.00	32abR	3426	37
55	61.11	191.00	33abS	4372	47
56	61.47	191.00	33abR	2831	30
57	62.58	191.00	34abS	2377	25
58	63.07	191.00	34abR	1494	16
59	64.26	191.00	35abS	1990	21
60	64.94	191.00	35abR	1338	14

SATURATE BIOMARKERS

File name (sample):	16_2.D
File path:	C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:	
Sample name:	25/11-15 16-2 COCH 1751.50 u
Operator:	Arne
Method:	MSD_S_C
Date analyzed:	#####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.43	217.00	21aa	3043	35
9	40.08	217.00	21bb	3481	47
10	40.21	217.00	22aa	2575	35
12	42.41	217.00	22bb	2086	28
18	48.67	217.00	27dbS	5005	67
19	49.30	217.00	27dbR	2997	40
22	51.62	218.00	27bbR	4757	64
24	51.76	218.00	27bbS	3391	45
27	52.17	217.00	27aaR	1871	25
30	53.35	218.00	28bbR	2799	38
31	53.49	218.00	28bbS	3225	43
35	54.47	217.00	29aaS	1573	21
37	54.76	218.00	29bbR	3935	53
38	54.86	218.00	29bbS	3748	50
41	55.45	217.00	29aaR	1936	26
44	55.93	218.00	30bbR	1157	16
45	55.99	218.00	30bbS	1114	15

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.18	217.00	24baa	2071	17

DITERPANES:					
5	33.98	191.00	19/3	1997	13
6	35.94	191.00	20/3	1631	11
7	37.95	191.00	21/3	2540	16
11	41.87	191.00	23/3	3595	23
13	42.99	191.00	24/3	3122	20
14	45.23	191.00	25/3	1556	10
16	46.87	191.00	26/3R	1092	7
17	46.99	191.00	26/3S	1072	7
20	50.49	191.00	28/3R	1167	8
21	50.73	191.00	28/3S	1121	7
23	51.51	191.00	29/3R	1671	11
25	51.98	191.00	29/3S	1095	7
15	46.76	191.00	24/4	2752	18

TRITERPANES:					
26	52.64	191.00	27Ts	6574	43
28	52.88	177.00	25nor28ab	1828	12
29	53.30	191.00	27Tm	5415	35
33	53.77	191.00	27b	1424	10
32	53.68	177.00	25nor29ab	7027	46
34	54.86	191.00	28ab	5344	35
36	55.06	177.00	25nor30ab	3809	25
39	55.55	191.00	29ab	11250	73
40	55.66	191.00	29Ts	6188	40
43	56.33	191.00	29ba	2057	13
42	55.89	191.00	30D	4299	28
46	56.92	191.00	30ab	22925	104
47	57.24	191.00	30D13	2579	17
48	57.53	191.00	30ba	2309	10
51	58.99	191.00	30G	2122	14
49	58.47	191.00	31abS	11405	74
50	58.66	191.00	31abR	7493	49
52	59.19	191.00	31ba	1176	8
53	59.69	191.00	32abS	7861	51
54	59.96	191.00	32abR	5822	38
55	61.11	191.00	33abS	6502	42
56	61.48	191.00	33abR	4329	28
57	62.60	191.00	34abS	4030	26
58	63.07	191.00	34abR	2205	14
59	64.28	191.00	35abS	3225	21
60	64.94	191.00	35abR	1950	13

SATURATE BIOMARKERS

File name (sample):	1755_5.D
File path:	C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:	
Sample name:	25/11-15 1755.5 COCH
Operator:	Arne
Method:	MSD_S_C
Date analyzed:	#####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.45	217.00	21aa	5001	30
9	40.10	217.00	21bb	5260	43
10	40.21	217.00	22aa	3659	30
12	42.42	217.00	22bb	3262	27
18	48.69	217.00	27dbS	7648	62
19	49.32	217.00	27dbR	5003	41
22	51.64	218.00	27lbR	7040	57
24	51.78	218.00	27bbS	5570	45
27	52.19	217.00	27aaR	3139	26
30	53.37	218.00	28bbR	4447	36
31	53.51	218.00	28bbS	5289	43
35	54.47	217.00	29aaS	2612	21
37	54.78	218.00	29bbR	5904	48
38	54.87	218.00	29bbS	5581	45
41	55.47	217.00	29aaR	2947	24
44	55.94	218.00	30bbR	1701	14
45	55.97	218.00	30bbS	1714	14

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.18	217.00	24baa	1914	16

DITERPANES:					
5	33.98	191.00	19/3	1847	12
6	35.94	191.00	20/3	1568	10
7	37.95	191.00	21/3	2339	16
11	41.87	191.00	23/3	3434	23
13	42.99	191.00	24/3	2971	20
14	45.23	191.00	25/3	1518	10
16	46.85	191.00	26/3R	956	6
17	46.99	191.00	26/3S	1064	7
20	50.49	191.00	28/3R	1120	7
21	50.73	191.00	28/3S	1113	7
23	51.51	191.00	29/3R	1411	9
25	51.98	191.00	29/3S	1147	8
15	46.76	191.00	24/4	2410	16

TRITERPANES:					
26	52.63	191.00	27Ts	6115	41
28	52.88	177.00	25nor28ab	1641	11
29	53.30	191.00	27Tm	5008	33
33	53.77	191.00	27b	1379	10
32	53.68	177.00	25nor29ab	5992	40
34	54.84	191.00	28ab	4874	33
36	55.06	177.00	25nor30ab	3421	23
39	55.55	191.00	29ab	9819	66
40	55.64	191.00	29Ts	5647	38
43	56.33	191.00	29ba	1884	13
42	55.89	191.00	30D	3881	26
46	56.90	191.00	30ab	21781	101
47	57.24	191.00	30D13	2302	15
48	57.51	191.00	30ba	2019	9
51	58.99	191.00	30G	2039	14
49	58.47	191.00	31abS	10399	70
50	58.66	191.00	31abR	6939	46
52	59.19	191.00	31ba	972	6
53	59.69	191.00	32abS	8107	54
54	59.96	191.00	32abR	5385	36
55	61.11	191.00	33abS	6520	44
56	61.47	191.00	33abR	4242	28
57	62.60	191.00	34abS	3806	25
58	63.07	191.00	34abR	2069	14
59	64.26	191.00	35abS	2807	19
60	64.94	191.00	35abR	1837	12

SATURATE BIOMARKERS

File name (sample):	1758_5.D
File path:	C:\HPCHEM\1\DATA\SAT\HERM15\
Misc information:	
Sample name:	25/11-15 1758.5 COCH
Operator:	Arne
Method:	MSD_S_C
Date analyzed:	#####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.45	217.00	21aa	4730	30
9	40.10	217.00	21bb	4810	40
10	40.21	217.00	22aa	3580	30
12	42.42	217.00	22bb	3059	26
18	48.67	217.00	27abS	7076	59
19	49.30	217.00	27dbR	4436	37
22	51.64	218.00	27bbR	6332	53
24	51.78	218.00	27bbS	4809	40
27	52.17	217.00	27aaR	2846	24
30	53.37	218.00	28bbR	4059	34
31	53.49	218.00	28bbS	4489	38
35	54.47	217.00	29aaS	2568	22
37	54.78	218.00	29bbR	5442	46
38	54.87	218.00	29bbS	5077	43
41	55.45	217.00	29aaR	2654	22
44	55.93	218.00	30bbR	1770	15
45	55.99	218.00	30bbS	1526	13

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.18	217.00	24baa	2538	20
DITERPANES:					
5	33.98	191.00	19/3	1968	13
6	35.94	191.00	20/3	1698	11
7	37.95	191.00	21/3	2679	17
11	41.89	191.00	23/3	3732	24
13	42.99	191.00	24/3	3181	20
14	45.23	191.00	25/3	1628	10
16	46.87	191.00	26/3R	1166	7
17	46.99	191.00	26/3S	1146	7
20	50.49	191.00	28/3R	1191	8
21	50.73	191.00	28/3S	1147	7
23	51.50	191.00	29/3R	1515	10
25	51.99	191.00	29/3S	1243	8
15	46.76	191.00	24/4	2755	17
TRITERPANES:					
26	52.64	191.00	27Ts	6758	43
28	52.88	177.00	25nor28ab	1862	12
29	53.30	191.00	27Tm	5977	38
33	53.79	191.00	27b	1510	10
32	53.68	177.00	25nor29ab	7009	44
34	54.84	191.00	28ab	5403	34
36	55.06	177.00	25nor30ab	3926	25
39	55.53	191.00	29ab	10736	68
40	55.66	191.00	29Ts	6610	42
43	56.33	191.00	29ba	2029	13
42	55.89	191.00	30D	4500	28
46	56.92	191.00	30ab	23237	102
47	57.23	191.00	30D13	2442	15
48	57.53	191.00	30ba	2276	10
51	59.00	191.00	30G	2160	14
49	58.47	191.00	31abS	10801	68
50	58.66	191.00	31abR	7826	49
52	59.18	191.00	31ba	1023	6
53	59.69	191.00	32abS	8360	53
54	59.96	191.00	32abR	5426	34
55	61.11	191.00	33abS	6860	43
56	61.47	191.00	33abR	4395	28
57	62.60	191.00	34abS	3982	25
58	63.07	191.00	34abR	2372	15
59	64.26	191.00	35abS	3243	21
60	64.94	191.00	35abR	1962	12

SATURATE BIOMARKERS

File name (sample):	1761_5.D
File path:	C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:	
Sample name:	25/11-15 1761.5 COCH
Operator:	Arne
Method:	MSD_S_C
Date analyzed:	#####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.45	217.00	21aa	4989	31
9	40.10	217.00	21bb	5424	43
10	40.21	217.00	22aa	3848	31
12	42.42	217.00	22bb	3540	28
18	48.69	217.00	27dbS	7684	61
19	49.32	217.00	27dbR	4556	36
22	51.64	218.00	27bbR	7102	56
24	51.78	218.00	27bbS	5333	42
27	52.17	217.00	27aaR	3062	24
30	53.37	218.00	28bbR	4253	34
31	53.51	218.00	28bbS	5439	43
35	54.48	217.00	29aaS	2730	22
37	54.78	218.00	29bbR	6122	49
38	54.87	218.00	29bbS	5755	46
41	55.47	217.00	29aaR	3034	24
44	55.94	218.00	30bbR	1819	14
45	55.99	218.00	30bbS	1853	15

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.19	217.00	24baa	3126	19
DITERPANES:					
5	33.99	191.00	19/3	2658	13
6	35.94	191.00	20/3	2091	10
7	37.96	191.00	21/3	3286	16
11	41.89	191.00	23/3	4565	23
13	43.00	191.00	24/3	3752	19
14	45.23	191.00	25/3	2065	10
16	46.87	191.00	26/3R	1275	6
17	47.01	191.00	26/3S	1369	7
20	50.49	191.00	28/3R	1469	7
21	50.73	191.00	28/3S	1310	6
23	51.51	191.00	29/3R	1839	9
25	51.98	191.00	29/3S	1614	8
15	46.76	191.00	24/4	3269	16
TRITERPANES:					
26	52.64	191.00	27Ts	8655	43
28	52.90	177.00	25nor28ab	2196	11
29	53.32	191.00	27Tm	7259	36
33	53.79	191.00	27b	1814	9
32	53.68	177.00	25nor29ab	8325	41
34	54.86	191.00	28ab	6488	32
36	55.08	177.00	25nor30ab	4612	23
39	55.55	191.00	29ab	12938	64
40	55.66	191.00	29Ts	8342	41
43	56.33	191.00	29ba	2355	12
42	55.91	191.00	30D	5427	27
46	56.92	191.00	30ab	31269	108
47	57.24	191.00	30D13	3155	16
48	57.53	191.00	30ba	2859	10
51	59.00	191.00	30G	2809	14
49	58.49	191.00	31abS	14273	71
50	58.67	191.00	31abR	10003	50
52	59.19	191.00	31ba	1315	7
53	59.69	191.00	32abS	9641	48
54	59.96	191.00	32abR	7043	35
55	61.12	191.00	33abS	8176	40
56	61.48	191.00	33abR	5310	26
57	62.60	191.00	34abS	4839	24
58	63.09	191.00	34abR	2960	15
59	64.28	191.00	35abS	3941	20
60	64.95	191.00	35abR	2413	12

SATURATE BIOMARKERS

File name (sample):	1764_5.D
File path:	C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:	
Sample name:	25/11-15 1764.5 COCH
Operator:	Arne
Method:	MSD_S_C
Date analyzed:	#####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.45	217.00	21aa	5667	31
9	40.10	217.00	21bb	6736	42
10	40.22	217.00	22aa	5001	31
12	42.42	217.00	22bb	3891	24
18	48.69	217.00	27dbS	9880	61
19	49.32	217.00	27dbR	5933	37
22	51.64	218.00	27bbR	8587	53
24	51.80	218.00	27bbS	6226	39
27	52.19	217.00	27aaR	3741	23
30	53.38	218.00	28bbR	5000	31
31	53.51	218.00	28bbS	6790	42
35	54.48	217.00	29aaS	3421	21
37	54.78	218.00	29bbR	7537	47
38	54.89	218.00	29bbS	7185	45
41	55.49	217.00	29aaR	3657	22
44	55.94	218.00	30bbR	2203	14
45	56.00	218.00	30bbS	2171	13

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Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.19	217.00	24baa	3803	21

DITERPANES:					
5	33.99	191.00	19/3	3024	14
6	35.94	191.00	20/3	2290	10
7	37.96	191.00	21/3	3893	18
11	41.89	191.00	23/3	5368	24
13	43.00	191.00	24/3	4488	20
14	45.26	191.00	25/3	2287	10
16	46.87	191.00	26/3R	1494	7
17	47.01	191.00	26/3S	1631	7
20	50.51	191.00	28/3R	1676	8
21	50.74	191.00	28/3S	1619	7
23	51.53	191.00	29/3R	2268	10
25	52.00	191.00	29/3S	1941	9
15	46.76	191.00	24/4	3668	17

TRITERPANES:					
26	52.66	191.00	27Ts	9857	45
28	52.91	177.00	25nor28ab	2497	11
29	53.32	191.00	27Tm	8646	39
33	53.79	191.00	27b	2091	10
32	53.70	177.00	25nor29ab	9484	43
34	54.87	191.00	28ab	7476	34
36	55.08	177.00	25nor30ab	5433	25
39	55.56	191.00	29ab	15686	71
40	55.67	191.00	29Ts	9814	45
43	56.35	191.00	29ba	2933	13
42	55.93	191.00	30D	6417	29
46	56.93	191.00	30ab	35142	111
47	57.26	191.00	30D13	3578	16
48	57.54	191.00	30ba	3661	12
51	59.02	191.00	30G	3534	16
49	58.49	191.00	31abS	15572	71
50	58.67	191.00	31abR	11427	52
52	59.21	191.00	31ba	1489	7
53	59.71	191.00	32abS	11510	52
54	59.98	191.00	32abR	8505	39
55	61.12	191.00	33abS	9396	43
56	61.48	191.00	33abR	6214	28
57	62.61	191.00	34abS	5731	26
58	63.09	191.00	34abR	3284	15
59	64.29	191.00	35abS	4587	21
60	64.97	191.00	35abR	2891	13

SATURATE BIOMARKERS

File name (sample): 1767_5.D
File path: C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:
Sample name: 25/11-15 1767.5 COCH
Operator: Arne
Method: MSD_S_C
Date analyzed: #####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.47	217.00	21aa	7285	32
9	40.11	217.00	21bb	7910	45
10	40.22	217.00	22aa	5587	32
12	42.44	217.00	22bb	4810	27
18	48.69	217.00	27dbS	11138	63
19	49.33	217.00	27dbR	6637	38
22	51.66	218.00	27bbR	10820	62
24	51.80	218.00	27bbS	7799	44
27	52.20	217.00	27aaR	4188	24
30	53.38	218.00	28bbR	6437	37
31	53.52	218.00	28bbS	7378	42
35	54.50	217.00	29aaS	4309	25
37	54.80	218.00	29bbR	9506	54
38	54.89	218.00	29bbS	8125	46
41	55.49	217.00	29aaR	4501	25
44	55.96	218.00	30bbR	2749	16
45	56.00	218.00	30bbS	2387	14

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.18	217.00	24baa	2462	21
DITERPANES:					
5	33.98	191.00	19/3	2027	14
6	35.92	191.00	20/3	1634	11
7	37.95	191.00	21/3	2504	17
11	41.87	191.00	23/3	3719	26
13	42.99	191.00	24/3	3160	22
14	45.23	191.00	25/3	1574	11
16	46.85	191.00	26/3R	1110	8
17	46.99	191.00	26/3S	1198	8
20	50.48	191.00	28/3R	1278	9
21	50.73	191.00	28/3S	1154	8
23	51.50	191.00	29/3R	1493	10
25	51.97	191.00	29/3S	1219	9
15	46.76	191.00	24/4	2555	18
TRITERPANES:					
26	52.64	191.00	27Ts	6787	47
28	52.88	177.00	25nor28ab	1701	12
29	53.30	191.00	27Tm	5611	39
33	53.77	191.00	27b	1383	10
32	53.68	177.00	25nor29ab	6876	48
34	54.84	191.00	28ab	5292	37
36	55.06	177.00	25nor30ab	3674	26
39	55.55	191.00	29ab	11317	79
40	55.66	191.00	29Ts	6068	42
43	56.32	191.00	29ba	1884	13
42	55.89	191.00	30D	4080	28
46	56.90	191.00	30ab	23266	113
47	57.23	191.00	30D13	2391	17
48	57.51	191.00	30ba	2393	12
51	58.99	191.00	30G	2300	16
49	58.47	191.00	31abS	10975	77
50	58.66	191.00	31abR	7695	54
52	59.19	191.00	31ba	1022	7
53	59.68	191.00	32abS	7524	53
54	59.95	191.00	32abR	5386	38
55	61.11	191.00	33abS	6284	44
56	61.47	191.00	33abR	4146	29
57	62.60	191.00	34abS	3942	28
58	63.07	191.00	34abR	2262	16
59	64.26	191.00	35abS	3161	22
60	64.94	191.00	35abR	2040	14

SATURATE BIOMARKERS

File name (sample): 1770_45.D
File path: C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:
Sample name: 25/11-15 1770.45 COCH
Operator: Arne
Method: MSD_S_C
Date analyzed: #####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.45	217.00	21aa	4788	35
9	40.08	217.00	21bb	4951	43
10	40.21	217.00	22aa	3981	35
12	42.42	217.00	22bb	3234	28
18	48.67	217.00	27dbS	7821	68
19	49.30	217.00	27dbR	4591	40
22	51.62	218.00	27bbR	6548	57
24	51.78	218.00	27bbS	5338	47
27	52.17	217.00	27aaR	3100	27
30	53.37	218.00	28bbR	4242	37
31	53.49	218.00	28bbS	4839	42
35	54.48	217.00	29aaS	2685	24
37	54.78	218.00	29bbR	6245	55
38	54.87	218.00	29bbS	5667	50
41	55.47	217.00	29aaR	2924	25
44	55.94	218.00	30bbR	1767	15
45	55.99	218.00	30bbS	1776	16

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.16	217.00	24baa	1941	20

DITERPANES:					
5	33.98	191.00	19/3	1658	14
6	35.92	191.00	20/3	1372	11
7	37.95	191.00	21/3	2050	17
11	41.87	191.00	23/3	3096	26
13	42.97	191.00	24/3	2441	20
14	45.22	191.00	25/3	1394	12
16	46.85	191.00	26/3R	982	8
17	46.98	191.00	26/3S	900	7
20	50.48	191.00	28/3R	1047	9
21	50.71	191.00	28/3S	897	7
23	51.50	191.00	29/3R	1281	11
25	51.97	191.00	29/3S	1074	9
15	46.74	191.00	24/4	2329	19

TRITERPANES:					
26	52.63	191.00	27Ts	5232	43
28	52.86	177.00	25nor28ab	1460	12
29	53.29	191.00	27Tm	4950	41
33	53.76	191.00	27b	1254	11
32	53.67	177.00	25nor29ab	5536	46
34	54.84	191.00	28ab	4575	38
36	55.05	177.00	25nor30ab	3007	25
39	55.53	191.00	29ab	9181	76
40	55.64	191.00	29Ts	5090	42
43	56.32	191.00	29ba	1596	13
42	55.89	191.00	30D	3479	29
46	56.90	191.00	30ab	18988	109
47	57.23	191.00	30D13	2143	18
48	57.51	191.00	30ba	1851	11
51	58.97	191.00	30G	1840	15
49	58.45	191.00	31abS	9021	75
50	58.64	191.00	31abR	6286	52
52	59.16	191.00	31ba	895	7
53	59.68	191.00	32abS	6495	54
54	59.95	191.00	32abR	4786	40
55	61.09	191.00	33abS	5724	47
56	61.47	191.00	33abR	3278	27
57	62.58	191.00	34abS	3247	27
58	63.07	191.00	34abR	1865	15
59	64.25	191.00	35abS	2654	22
60	64.94	191.00	35abR	1642	14

SATURATE BIOMARKERS

File name (sample): 1773_5.D
File path: C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:
Sample name: 25/11-15 1773.5 COCH
Operator: Arne
Method: MSD_S_C
Date analyzed: #####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.43	217.00	21aa	3939	35
9	40.08	217.00	21bb	4454	46
10	40.21	217.00	22aa	3389	35
12	42.41	217.00	22bb	2706	28
18	48.67	217.00	27dbS	6272	65
19	49.30	217.00	27dbR	3772	39
22	51.62	218.00	27bbR	5799	60
24	51.77	218.00	27bbS	4092	42
27	52.16	217.00	27aaR	2393	25
30	53.35	218.00	28bbR	3254	34
31	53.49	218.00	28bbS	4387	45
35	54.47	217.00	29aaS	2229	23
37	54.76	218.00	29bbR	4957	51
38	54.86	218.00	29bbS	4913	51
41	55.46	217.00	29aaR	2690	27
44	55.93	218.00	30bbR	1657	17
45	55.97	218.00	30bbS	1524	16

Peak#	Rt min.	Ion m/z	Compound	Height	Amount ng/mg
Int.Std.(if added):					
4	46.18	217.00	24baa	2118	19
DITERPANES:					
5	33.98	191.00	19/3	1871	14
6	35.92	191.00	20/3	1451	11
7	37.95	191.00	21/3	2154	16
11	41.87	191.00	23/3	3289	24
13	42.97	191.00	24/3	2599	19
14	45.22	191.00	25/3	1362	10
16	46.85	191.00	26/3R	996	7
17	46.98	191.00	26/3S	923	7
20	50.48	191.00	28/3R	1029	7
21	50.71	191.00	28/3S	996	7
23	51.50	191.00	29/3R	1463	11
25	51.97	191.00	29/3S	1116	8
15	46.74	191.00	24/4	2309	17
TRITERPANES:					
26	52.63	191.00	27Ts	5734	42
28	52.86	177.00	25nor28ab	1458	11
29	53.29	191.00	27Tm	4987	36
33	53.77	191.00	27b	1397	11
32	53.66	177.00	25nor29ab	6262	46
34	54.84	191.00	28ab	4664	34
36	55.06	177.00	25nor30ab	3290	24
39	55.53	191.00	29ab	9718	71
40	55.64	191.00	29Ts	5397	39
43	56.32	191.00	29ba	1768	13
42	55.89	191.00	30D	3541	26
46	56.90	191.00	30ab	20974	106
47	57.23	191.00	30D13	2290	17
48	57.51	191.00	30ba	2117	11
51	58.99	191.00	30G	2124	15
49	58.47	191.00	31abS	9796	71
50	58.66	191.00	31abR	7084	52
52	59.18	191.00	31ba	1011	7
53	59.68	191.00	32abS	7089	52
54	59.95	191.00	32abR	5030	37
55	61.11	191.00	33abS	5780	42
56	61.45	191.00	33abR	3553	26
57	62.60	191.00	34abS	3256	24
58	63.07	191.00	34abR	2046	15
59	64.26	191.00	35abS	2959	22
60	64.94	191.00	35abR	1808	13

SATURATE BIOMARKERS

File name (sample): 1775_5.D
File path: C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:
Sample name: 25/11-15 1775.5 COCH
Operator: Arne
Method: MSD_S_C
Date analyzed: #####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount ng/mg
STERANES:					
8	38.43	217.00	21aa	4165	30
9	40.08	217.00	21bb	4587	42
10	40.21	217.00	22aa	3282	30
12	42.41	217.00	22bb	2953	27
18	48.67	217.00	27dbS	6800	62
19	49.30	217.00	27dbR	4210	38
22	51.62	218.00	27bbR	6018	55
24	51.78	218.00	27bbS	4849	44
27	52.17	217.00	27aaR	2536	23
30	53.35	218.00	28bbR	3566	33
31	53.49	218.00	28bbS	4613	42
35	54.47	217.00	29aaS	2429	22
37	54.76	218.00	29bbR	5679	52
38	54.86	218.00	29bbS	4941	45
41	55.45	217.00	29aaR	2636	24
44	55.94	218.00	30bbR	1720	16
45	55.99	218.00	30bbS	1617	15

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.19	217.00	24baa	3135	21

DITERPANES:					
5	33.98	191.00	19/3	2473	13
6	35.94	191.00	20/3	2040	11
7	37.96	191.00	21/3	2995	16
11	41.89	191.00	23/3	4551	25
13	42.99	191.00	24/3	3773	20
14	45.23	191.00	25/3	1932	10
16	46.87	191.00	26/3R	1371	7
17	46.99	191.00	26/3S	1336	7
20	50.49	191.00	28/3R	1449	8
21	50.73	191.00	28/3S	1369	7
23	51.51	191.00	29/3R	1763	10
25	51.97	191.00	29/3S	1542	8
15	46.76	191.00	24/4	3240	18

TRITERPANES:					
26	52.64	191.00	27Ts	8347	45
28	52.88	177.00	25nor28ab	2172	12
29	53.30	191.00	27Tm	6575	36
33	53.79	191.00	27b	1728	10
32	53.68	177.00	25nor29ab	8219	45
34	54.84	191.00	28ab	6856	37
36	55.06	177.00	25nor30ab	4499	24
39	55.55	191.00	29ab	13813	75
40	55.66	191.00	29Ts	8069	44
43	56.33	191.00	29ba	2492	14
42	55.91	191.00	30D	5285	29
46	56.92	191.00	30ab	28212	107
47	57.24	191.00	30D13	3330	18
48	57.53	191.00	30ba	2727	10
51	59.00	191.00	30G	2876	16
49	58.47	191.00	31abS	12952	70
50	58.66	191.00	31abR	9477	51
52	59.18	191.00	31ba	1379	7
53	59.69	191.00	32abS	9853	54
54	59.96	191.00	32abR	6704	36
55	61.11	191.00	33abS	8247	45
56	61.48	191.00	33abR	5344	29
57	62.60	191.00	34abS	5154	28
58	63.09	191.00	34abR	2815	15
59	64.28	191.00	35abS	3914	21
60	64.95	191.00	35abR	2565	14

SATURATE BIOMARKERS

File name (sample): 1777_35.D
File path: C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:
Sample name: 25/11-15 1777.35 COCH
Operator: Arne
Method: MSD_S_C
Date analyzed: #####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.45	217.00	21aa	6115	33
9	40.10	217.00	21bb	6788	46
10	40.22	217.00	22aa	4815	33
12	42.42	217.00	22bb	4018	27
18	48.69	217.00	27dbS	9480	65
19	49.32	217.00	27dbR	5512	38
22	51.64	218.00	27bbR	8925	61
24	51.78	218.00	27bbS	6806	46
27	52.19	217.00	27aaR	3309	23
30	53.37	218.00	28bbR	5503	37
31	53.51	218.00	28bbS	6343	43
35	54.47	217.00	29aaS	3057	21
37	54.78	218.00	29bbR	7662	52
38	54.87	218.00	29bbS	6971	47
41	55.47	217.00	29aaR	3524	24
44	55.94	218.00	30bbR	2194	15
45	55.99	218.00	30bbS	2224	15

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std. (if added):					ng/mg
4	46.18	217.00	24baa	2760	20

DITERPANES:					
5	33.98	191.00	19/3	2201	13
6	35.94	191.00	20/3	1830	11
7	37.95	191.00	21/3	2746	16
11	41.87	191.00	23/3	4188	25
13	42.99	191.00	24/3	3426	20
14	45.23	191.00	25/3	1801	11
16	46.87	191.00	26/3R	1220	7
17	46.99	191.00	26/3S	1297	8
20	50.49	191.00	28/3R	1407	8
21	50.73	191.00	28/3S	1226	7
23	51.50	191.00	29/3R	1637	10
25	51.97	191.00	29/3S	1393	8
15	46.76	191.00	24/4	2836	17

TRITERPANES:					
26	52.64	191.00	27Ts	7543	45
28	52.88	177.00	25nor28ab	2032	12
29	53.30	191.00	27Tm	6046	36
33	53.77	191.00	27b	1589	10
32	53.68	177.00	25nor29ab	7441	44
34	54.84	191.00	28ab	5927	35
36	55.06	177.00	25nor30ab	4200	25
39	55.55	191.00	29ab	12388	73
40	55.66	191.00	29Ts	6798	40
43	56.33	191.00	29ba	2198	13
42	55.89	191.00	30D	4787	28
46	56.90	191.00	30ab	25830	106
47	57.24	191.00	30D13	2887	17
48	57.51	191.00	30ba	2460	10
51	58.99	191.00	30G	2357	14
49	58.47	191.00	31abS	12564	74
50	58.66	191.00	31abR	9177	54
52	59.18	191.00	31ba	1131	7
53	59.69	191.00	32abS	8692	51
54	59.96	191.00	32abR	6367	38
55	61.11	191.00	33abS	7627	45
56	61.47	191.00	33abR	4782	28
57	62.60	191.00	34abS	4406	26
58	63.09	191.00	34abR	2646	16
59	64.26	191.00	35abS	3678	22
60	64.94	191.00	35abR	2229	13

SATURATE BIOMARKERS	
File name (sample):	1778_5.D
File path:	C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:	
Sample name:	25/11-15 1778.5 COCH
Operator:	Arne
Method:	MSD_S_C
Date analyzed:	#####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.45	217.00	21aa	5322	31
9	40.10	217.00	21bb	5748	43
10	40.21	217.00	22aa	4163	31
12	42.42	217.00	22bb	3653	27
18	48.69	217.00	27dbS	8379	62
19	49.32	217.00	27dbR	5232	39
22	51.62	218.00	27bbR	7511	56
24	51.78	218.00	27bbS	5814	43
27	52.17	217.00	27aaR	3266	24
30	53.37	218.00	28bbR	4531	34
31	53.51	218.00	28bbS	5488	41
35	54.47	217.00	29aaS	2747	20
37	54.78	218.00	29bbR	6743	50
38	54.87	218.00	29bbS	6062	45
41	55.47	217.00	29aaR	3118	23
44	55.94	218.00	30bbR	2026	15
45	55.99	218.00	30bbS	1878	14

Peak#	Rt min.	Ion m/z	Compound	Height	Amount ng/mg
Int.Std. (if added):					
4	46.18	217.00	24baa	2619	18
DITERPANES:					
5	33.98	191.00	19/3	2319	13
6	35.94	191.00	20/3	1873	10
7	37.95	191.00	21/3	3022	17
11	41.87	191.00	23/3	4276	24
13	42.99	191.00	24/3	3597	20
14	45.23	191.00	25/3	1903	11
16	46.85	191.00	26/3R	1217	7
17	46.99	191.00	26/3S	1226	7
20	50.48	191.00	28/3R	1299	7
21	50.73	191.00	28/3S	1338	7
23	51.51	191.00	29/3R	1812	10
25	51.97	191.00	29/3S	1404	8
15	46.76	191.00	24/4	3084	17
TRITERPANES:					
26	52.63	191.00	27Ts	7257	40
28	52.88	177.00	25nor28ab	2054	11
29	53.30	191.00	27Tm	6173	34
33	53.77	191.00	27b	1579	9
32	53.68	177.00	25nor29ab	7795	43
34	54.86	191.00	28ab	6186	34
36	55.06	177.00	25nor30ab	4435	25
39	55.55	191.00	29ab	12811	71
40	55.66	191.00	29Ts	7419	41
43	56.33	191.00	29ba	2283	13
42	55.89	191.00	30D	5218	29
46	56.90	191.00	30ab	26265	102
47	57.24	191.00	30D13	2800	16
48	57.51	191.00	30ba	2581	10
51	58.99	191.00	30G	2686	15
49	58.47	191.00	31abS	12729	71
50	58.66	191.00	31abR	8838	49
52	59.18	191.00	31ba	1285	7
53	59.69	191.00	32abS	9098	51
54	59.96	191.00	32abR	6422	36
55	61.11	191.00	33abS	7351	41
56	61.47	191.00	33abR	4755	26
57	62.60	191.00	34abS	4737	26
58	63.07	191.00	34abR	2557	14
59	64.26	191.00	35abS	3721	21
60	64.94	191.00	35abR	2333	13

SATURATE BIOMARKERS

File name (sample): 1780_5.D
File path: C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:
Sample name: 25/11-15 1780.5 COCH
Operator: Arne
Method: MSD_S_C
Date analyzed: #####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount ng/mg
STERANES:					
8	38.45	217.00	21aa	5679	32
9	40.10	217.00	21bb	5880	41
10	40.21	217.00	22aa	4512	32
12	42.42	217.00	22bb	3668	26
18	48.67	217.00	27dbS	8583	60
19	49.32	217.00	27dbR	5509	38
22	51.64	218.00	27bbR	8397	59
24	51.78	218.00	27bbS	5753	40
27	52.19	217.00	27aaR	3143	22
30	53.37	218.00	28bbR	4951	35
31	53.51	218.00	28bbS	6089	43
35	54.48	217.00	29aaS	3130	22
37	54.76	218.00	29bbR	6778	47
38	54.87	218.00	29bbS	6735	47
41	55.47	217.00	29aaR	3257	22
44	55.94	218.00	30bbR	1985	14
45	55.99	218.00	30bbS	1937	14

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
Int.Std.(if added):					ng/mg
4	46.18	217.00	24baa	2455	19

DITERPANES:					
5	33.98	191.00	19/3	2039	13
6	35.94	191.00	20/3	1750	11
7	37.95	191.00	21/3	2653	16
11	41.89	191.00	23/3	3850	24
13	42.99	191.00	24/3	3272	20
14	45.23	191.00	25/3	1725	11
16	46.87	191.00	26/3R	1100	7
17	46.99	191.00	26/3S	1098	7
20	50.49	191.00	28/3R	1268	8
21	50.73	191.00	28/3S	1124	7
23	51.51	191.00	29/3R	1660	10
25	51.97	191.00	29/3S	1401	9
15	46.76	191.00	24/4	2775	17

TRITERPANES:					
26	52.64	191.00	27Ts	7130	44
28	52.88	177.00	25nor28ab	1970	12
29	53.30	191.00	27Tm	5749	35
33	53.77	191.00	27b	1540	10
32	53.68	177.00	25nor29ab	7282	45
34	54.86	191.00	28ab	5566	34
36	55.06	177.00	25nor30ab	4040	25
39	55.55	191.00	29ab	11767	72
40	55.66	191.00	29Ts	6147	38
43	56.33	191.00	29ba	2294	14
42	55.89	191.00	30D	4233	26
46	56.92	191.00	30ab	23103	99
47	57.24	191.00	30D13	2770	17
48	57.51	191.00	30ba	2451	10
51	58.99	191.00	30G	2407	15
49	58.47	191.00	31abS	11172	69
50	58.66	191.00	31abR	7931	49
52	59.19	191.00	31ba	1114	7
53	59.69	191.00	32abS	8366	51
54	59.96	191.00	32abR	5679	35
55	61.11	191.00	33abS	7580	47
56	61.47	191.00	33abR	4452	27
57	62.60	191.00	34abS	3946	24
58	63.09	191.00	34abR	2671	16
59	64.28	191.00	35abS	3187	20
60	64.95	191.00	35abR	2145	13

SATURATE BIOMARKERS

File name (sample):	1783_5.D
File path:	C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:	
Sample name:	25/11-15 1783.5 COCH
Operator:	Arne
Method:	MSD_S_C
Date analyzed:	#####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount
STERANES:					ng/mg
8	38.45	217.00	21aa	5225	31
9	40.10	217.00	21bb	5585	43
10	40.21	217.00	22aa	4084	31
12	42.42	217.00	22bb	3511	27
18	48.69	217.00	27abS	8355	64
19	49.30	217.00	27abR	4874	38
22	51.64	218.00	27bbR	7854	60
24	51.78	218.00	27bbS	5356	41
27	52.17	217.00	27aaR	2988	23
30	53.37	218.00	28bbR	4469	34
31	53.51	218.00	28bbS	5384	41
35	54.47	217.00	29aaS	2719	21
37	54.78	218.00	29bbR	6596	51
38	54.87	218.00	29bbS	5927	46
41	55.47	217.00	29aaR	2962	22
44	55.94	218.00	30bbR	2050	16
45	55.99	218.00	30bbS	1953	15

Peak#	Rt min.	Ion m/z	Compound	Height	Amount ng/mg
Int.Std.(if added):					
4	46.19	217.00	24baa	2596	19

DITERPANES:					
5	33.99	191.00	19/3	2143	13
6	35.94	191.00	20/3	1692	10
7	37.96	191.00	21/3	2744	16
11	41.89	191.00	23/3	4274	25
13	43.00	191.00	24/3	3388	20
14	45.25	191.00	25/3	1756	10
16	46.87	191.00	26/3R	1228	7
17	46.99	191.00	26/3S	1167	7
20	50.49	191.00	28/3R	1295	8
21	50.73	191.00	28/3S	1079	6
23	51.51	191.00	29/3R	1773	11
25	51.98	191.00	29/3S	1325	8
15	46.76	191.00	24/4	2956	18

TRITERPANES:					
26	52.64	191.00	27Ts	7235	43
28	52.90	177.00	25nor28ab	1789	11
29	53.32	191.00	27Tm	6102	36
33	53.79	191.00	27b	1528	9
32	53.68	177.00	25nor29ab	7134	42
34	54.86	191.00	28ab	5946	35
36	55.08	177.00	25nor30ab	4332	26
39	55.55	191.00	29ab	11721	70
40	55.66	191.00	29Ts	6798	40
43	56.33	191.00	29ba	2305	14
42	55.91	191.00	30D	4418	26
46	56.92	191.00	30ab	26464	109
47	57.24	191.00	30D13	2882	17
48	57.53	191.00	30ba	2457	10
51	59.00	191.00	30G	2424	14
49	58.49	191.00	31abS	11724	70
50	58.67	191.00	31abR	8711	52
52	59.21	191.00	31ba	1112	7
53	59.69	191.00	32abS	8220	49
54	59.96	191.00	32abR	5829	35
55	61.12	191.00	33abS	7515	45
56	61.48	191.00	33abR	4485	27
57	62.60	191.00	34abS	4419	26
58	63.09	191.00	34abR	2452	15
59	64.28	191.00	35abS	3699	22
60	64.95	191.00	35abR	2366	14

SATURATE BIOMARKERS

File name (sample):	1785_5.D
File path:	C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:	HERMOD RESERVOAR GEOKJEMI
Sample name:	25/11-15 1785.5 COCH
Operator:	Arne
Method:	MSD_S_C
Date analyzed:	#####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount ng/mg
STERANES:					
8	38.47	217.00	21aa	5300	31
9	40.10	217.00	21bb	5822	43
10	40.22	217.00	22aa	4113	31
12	42.44	217.00	22bb	3441	26
18	48.69	217.00	27dbS	8792	65
19	49.32	217.00	27dbR	5266	39
22	51.64	218.00	27bbR	7694	57
24	51.80	218.00	27bbS	5616	42
27	52.19	217.00	27aaR	3067	23
30	53.37	218.00	28bbR	4570	34
31	53.51	218.00	28bbS	5179	39
35	54.48	217.00	29aaS	2822	21
37	54.78	218.00	29bbR	6579	49
38	54.89	218.00	29bbS	6289	47
41	55.47	217.00	29aaR	3197	23
44	55.96	218.00	30bbR	2018	15
45	56.00	218.00	30bbS	2008	15

Peak#	Rt min.	Ion m/z	Compound	Height	Amount ng/mg
Int.Std.(if added):					
4	46.19	217.00	24baa	12473	48

DITERPANES:					
5	34.01	191.00	19/3	2628	8
6	35.97	191.00	20/3	2027	6
7	37.98	191.00	21/3	2788	9
11	41.89	191.00	23/3	3733	12
13	43.00	191.00	24/3	2791	9
14	45.25	191.00	25/3	1380	4
16	46.87	191.00	26/3R	909	3
17	47.01	191.00	26/3S	889	3
20	50.49	191.00	28/3R	926	3
21	50.73	191.00	28/3S	982	3
23	51.51	191.00	29/3R	1314	4
25	51.98	191.00	29/3S	965	3
15	46.77	191.00	24/4	2105	7

TRITERPANES:					
26	52.64	191.00	27Ts	5350	17
28	52.88	177.00	25nor28ab	1477	5
29	53.30	191.00	27Tm	4709	15
33	53.77	191.00	27b	1310	4
32	53.68	177.00	25nor29ab	5561	18
34	54.86	191.00	28ab	4013	13
36	55.08	177.00	25nor30ab	2855	9
39	55.55	191.00	29ab	8327	26
40	55.66	191.00	29Ts	4940	16
43	56.33	191.00	29ba	1655	5
42	55.91	191.00	30D	3562	11
46	56.92	191.00	30ab	19464	43
47	57.24	191.00	30D13	2118	7
48	57.53	191.00	30ba	1953	4
51	58.99	191.00	30G	1579	5
49	58.49	191.00	31abS	8492	27
50	58.67	191.00	31abR	6506	21
52	59.18	191.00	31ba	925	3
53	59.69	191.00	32abS	6228	20
54	59.96	191.00	32abR	4328	14
55	61.12	191.00	33abS	5327	17
56	61.48	191.00	33abR	3460	11
57	62.60	191.00	34abS	3276	10
58	63.09	191.00	34abR	1973	6
59	64.28	191.00	35abS	2586	8
60	64.94	191.00	35abR	1576	5

SATURATE BIOMARKERS

File name (sample): 1786_5.D
File path: C:\HPCHEM\1\DATA\SAT\HERM15S\
Misc information:
Sample name: 25/11-15 1786.5 COCH
Operator: Arne
Method: MSD_S_C
Date analyzed: #####

Peak#	Rt min.	Ion m/z	Compound	Height	Amount ng/mg
STERANES:					
8	38.47	217.00	21aa	4953	15
9	40.11	217.00	21bb	4973	20
10	40.22	217.00	22aa	3659	15
12	42.44	217.00	22bb	2899	11
18	48.69	217.00	27dbS	6262	25
19	49.32	217.00	27dbR	3692	15
22	51.64	218.00	27bbR	5710	23
24	51.78	218.00	27bbS	3984	16
27	52.17	217.00	27aaR	2210	9
30	53.37	218.00	28bbR	3206	13
31	53.51	218.00	28bbS	3891	15
35	54.48	217.00	29aaS	2052	8
37	54.78	218.00	29bbR	4652	18
38	54.89	218.00	29bbS	4425	18
41	55.49	217.00	29aaR	2335	9
44	55.94	218.00	30bbR	1369	5
45	56.00	218.00	30bbS	1383	5

Peak#	Rt min	Ion m/z	Compound	Height	Amount ng/mg
Int.Std.(if added):					
4	45.94	217.00	24baa	3386	79

DITERPANES:					
5	33.73	191.00	19/3	81	2
6	35.68	191.00	20/3	72	1
7	37.70	191.00	21/3	90	2
11	41.63	191.00	23/3	140	3
13	42.74	191.00	24/3	89	2
14	44.99	191.00	25/3	50	1
16	46.61	191.00	26/3R	26	0
17	46.75	191.00	26/3S	30	1
20	50.24	191.00	28/3R	30	1
21	50.46	191.00	28/3S	26	0
23	51.25	191.00	29/3R	39	1
25	51.55	191.00	29/3S	30	1
15	46.50	191.00	24/4	67	1

TRITERPANES:					
26	52.37	191.00	27Ts	188	4
28	52.76	177.00	25nor28ab	13	0
29	53.04	191.00	27Tm	145	3
33	53.56	191.00	27b	94	2
32	53.42	177.00	25nor29ab	172	3
34	54.60	191.00	28ab	117	2
36	54.80	177.00	25nor30ab	76	1
39	55.27	191.00	29ab	243	5
40	55.38	191.00	29Ts	134	3
43	56.08	191.00	29ba	79	1
42	55.64	191.00	30D	108	2
46	56.64	191.00	30ab	606	8
47	56.99	191.00	30D13	87	2
48	57.26	191.00	30ba	59	1
51	58.73	191.00	30G	45	1
49	58.22	191.00	31abS	274	5
50	58.40	191.00	31abR	221	4
52	58.92	191.00	31ba	48	1
53	59.44	191.00	32abS	193	4
54	59.71	191.00	32abR	172	3
55	60.87	191.00	33abS	172	3
56	61.22	191.00	33abR	115	2
57	62.35	191.00	34abS	98	2
58	62.82	191.00	34abR	62	1
59	63.99	191.00	35abS	80	2
60	64.65	191.00	35abR	58	1

SATURATE BIOMARKERS

File name (sample):
1789_5.D

File path:
C:\HPCHEM\1\DATA\SAT\A2511_X\

Misc information:

Sample name:
25/11-15, 1789.5w

Operator:
JKB,GN

Method:
MSD_S_C

Date analyzed:
29. Nov. 94

Peak#	Rt min.	Ion m/z	Compound	Height	Amount ng/mg
STERANES:					
8	38.20	217.00	21aa	171	3
9	39.85	217.00	21bb	170	4
10	39.96	217.00	22aa	106	3
12	42.16	217.00	22bb	91	2
18	48.44	217.00	27dbS	186	4
19	49.06	217.00	27dbR	116	3
22	51.38	218.00	27bbR	163	4
24	51.52	218.00	27bbS	110	3
27	51.93	217.00	27aaR	76	2
30	53.11	218.00	28bbR	93	2
31	53.25	218.00	28bbS	123	3
35	54.22	217.00	29aaS	58	1
37	54.52	218.00	29bbR	121	3
38	54.61	218.00	29bbS	114	3
41	55.21	217.00	29aaR	89	2
44	55.68	218.00	30bbR	40	1
45	55.75	218.00	30bbS	44	1