LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030597.D
Acq On : 31 Oct 2017 2:54
Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.331	3	7	25	rVB2	27898	61540	2.53%	0.147%
2	3.554	40	45	54	rVB2	17771	33542	1.38%	0.080%
3	3.983	111	118	124	rBV3	11147	18392	0.76%	0.044%
4	4.083	128	135	143	rBV	45308	71382	2.93%	0.171%
5	4.153	143	147	154	rBV5	6207	12776	0.52%	0.031%
6	4.535	207	212	219	rVB3	12415	20436	0.84%	0.049%
7	4.870	263	269	275	rBV6	7094	11370	0.47%	0.027%
8	5.246	324	333	341	rBV2	18453	34353	1.41%	0.082%
9	5.329	341	347	355	rVB3	10203	18695	0.77%	0.045%
10	7.144	651	656	665	rBV7	5452	13305	0.55%	0.032%
11	7.320	678	686	699	rBV2	366062	751363	30.86%	1.800%
12	7.479	705	713	724	rBV	269394	443170	18.20%	1.062%
13	7.696	738	750	759	rBV	350604	627162	25.76%	1.502%
14	8.161	818	829	837	rBV	325390	564624	23.19%	1.353%
15	8.866	938	949	959	rBV	466091	820638	33.70%	1.966%
16	9.324	1019	1027	1041	rVV	341758	621628	25.53%	1.489%
17	9.729	1088	1096	1102	rVB3	10355	16379	0.67%	0.039%
18	10.052	1141	1151	1164	rVB	306766	554280	22.76%	1.328%
19	10.270	1183	1188	1195	rVV6	4198	10592	0.43%	0.025%
20	10.593	1231	1243	1259	rBV	498000	924572	37.97%	2.215%
21	10.975	1296	1308	1324	rBV	522263	951038	39.06%	2.278%
22	11.110	1324	1331	1346	rBV	30806	73270	3.01%	0.176%
23	11.756	1433	1441	1451	rBV5	3466	9766	0.40%	0.023%
24	12.273	1522	1529	1539	rVB	86713	146769	6.03%	0.352%
25	12.438	1552	1557	1563	rBV3	5524	9903	0.41%	0.024%
26	12.550	1569	1576	1582	rBV2	9802	15944	0.65%	0.038%
27	13.137	1671	1676	1684	rBV6	7013	16045	0.66%	0.038%
28	13.378	1710	1717	1724	rVB2	7783	11182	0.46%	0.027%
29	13.548	1735	1746	1748	rBV9	3644	8579	0.35%	0.021%
30	13.660	1760	1765	1769	rBV5	6125	10796	0.44%	0.026%
31	14.171	1844	1852	1857	rBV	877779	1263882	51.90%	3.028%
32	14.218	1857	1860	1869	rVB	78224	111647	4.59%	0.267%
33	14.471	1896	1903	1912	rBV	981052	1591197	65.35%	3.812%
34	14.659	1930	1935	1939	rVB4	6959	9647	0.40%	0.023%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030597.D
Acq On : 31 Oct 2017 2:54
Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Title : SVOA CALIBRATION

35	14.776	1939	1955	1963	rBV2	821208	1331209	54.67%	3.189%
36	14.835	1963	1965	1973	rVB5	6739	10886	0.45%	0.026%
37	14.964	1980	1987	2004	rBV	292433	543215	22.31%	1.301%
38	15.088	2004	2008	2009	rVV4	7707	11133	0.46%	0.027%
39	15.111	2009	2012	2018	rVV6	14937	26751	1.10%	0.064%
40	15.164	2018	2021	2029	rVB7	12070	27023	1.11%	0.065%
41	15.417	2055	2064	2073	rBV7	6108	18252	0.75%	0.044%
42	15.575	2080	2091	2093	rBV4	9911	23371	0.96%	0.056%
43	15.599	2093	2095	2102	rVB6	7858	10008	0.41%	0.024%
44	15.681	2102	2109	2112	rBV8	4655	8428	0.35%	0.020%
45	15.763	2115	2123	2134	rBV	1281439	2006395	82.40%	4.806%
46	15.881	2135	2143	2153	rBV	337546	509427	20.92%	1.220%
47	16.004	2159	2164	2169	rBV3	19725	34802	1.43%	0.083%
48	16.122	2175	2184	2193	rBV	464924	673612	27.66%	1.614%
49	16.228	2195	2202	2209	rBV9	7087	15506	0.64%	0.037%
50	16.392	2226	2230	2235	rBV6	9580	15643	0.64%	0.037%
51	16.463	2235	2242	2251	rVV6	14167	32140	1.32%	0.077%
52	16.645	2264	2273	2276	rBV10	6533	15460	0.63%	0.037%
53	16.891	2306	2315	2322	rBV10	7260	15339	0.63%	0.037%
54	17.256	2372	2377	2381	rVV7	7734	13048	0.54%	0.031%
55	17.303	2381	2385	2394	rVB10	7651	15365	0.63%	0.037%
56	17.391	2394	2400	2403	rBV6	10506	17182	0.71%	0.041%
57	17.514	2409	2421	2432	rBV2	948696	1559205	64.03%	3.735%
58	17.614	2432	2438	2449	rVB2	1223514	1920006	78.85%	4.599%
59	17.849	2474	2478	2482	rBV6	8254	14479	0.59%	0.035%
60	18.166	2528	2532	2537	rVB8	10435	17672	0.73%	0.042%
61	18.272	2547	2550	2555	rVB6	9158	10021	0.41%	0.024%
62	18.384	2564	2569	2589	rBV2	185173	329817	13.54%	0.790%
63	18.537	2589	2595	2599	rBV9	6994	18475	0.76%	0.044%
64	18.589	2600	2604	2609	rVB8	6893	13284	0.55%	0.032%
65	18.666	2614	2617	2623	rBV7	11523	25067	1.03%	0.060%
66	18.736	2623	2629	2635	rVV4	28109	62237	2.56%	0.149%
67	18.883	2651	2654	2658	rBV6	11663	19852	0.82%	0.048%
68	18.919	2658	2660	2668	rVB7	28547	40105	1.65%	0.096%
69	19.300	2721	2725	2729	rBV5	16467	23364	0.96%	0.056%
70	19.559	2747	2769	2776	rBV2	88093	375623	15.43%	0.900%
71	19.641	2777	2783	2799	rVB4	124664	329772	13.54%	0.790%

LSC Area Percent Report

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Acq On : 31 Oct 2017 2:54
Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Title : SVOA CALIBRATION

72	19.788	2804	2808	2812	rVB5	19436	33799	1.39%	0.081%
73	19.888	2819	2825	2839	rBV	1525713	2435047	100.00%	5.833%
74	20.364	2903	2906	2908	rBV4	26726	28089	1.15%	0.067%
75	20.399	2909	2912	2916	rVB3	45824	50994	2.09%	0.122%
76	20.505	2926	2930	2937	rBV5	20884	36076	1.48%	0.086%
77	21.228	3051	3053	3057	rVB4	36354	40533	1.66%	0.097%
78	21.404	3078	3083	3095	rVB	380162	606711	24.92%	1.453%
79	21.792	3141	3149	3155	rBV	1016989	1750578	71.89%	4.193%
80	21.974	3176	3180	3185	rBV4	46465	65958	2.71%	0.158%
81	22.221	3216	3222	3228	rBV6	65820	107017	4.39%	0.256%
82	22.614	3280	3289	3302	rBV	602464	1391063	57.13%	3.332%
83	23.296	3400	3405	3410	rBV3	58259	114303	4.69%	0.274%
84	23.660	3461	3467	3482	rVB2	151262	350985	14.41%	0.841%
85	24.136	3539	3548	3554	rBV	779564	1739349	71.43%	4.167%
86	24.195	3554	3558	3573	rVB3	151837	401368	16.48%	0.961%
87	24.571	3618	3622	3630	rVB9	45187	98029	4.03%	0.235%
88	24.876	3665	3674	3688	rVB2	731695	2128142	87.40%	5.098%
89	25.111	3702	3714	3725	rBV2	654698	1985093	81.52%	4.755%
90	25.646	3797	3805	3816	rVB2	199817	527294	21.65%	1.263%
91	26.280	3902	3913	3925	rBV	711921	2122007	87.14%	5.083%
92	26.404	3926	3934	3950	rVV3	191443	679875	27.92%	1.629%
93	26.939	4018	4025	4038	rVB9	68449	244033	10.02%	0.585%
94	27.679	4144	4151	4163	rVB4	76397	238850	9.81%	0.572%
95	28.501	4279	4291	4305	rVB2	255833	995923	40.90%	2.386%
96	29.383	4428	4441	4465	rVB3	159785	819702	33.66%	1.964%
97	29.900	4521	4529	4541	rVB3	81878	340113	13.97%	0.815%
98	30.611	4637	4650	4673	rVB9	133549	669867	27.51%	1.605%
99	31.175	4737	4746	4767	rVB10	82021	410598	16.86%	0.984%
100	31.839	4844	4859	4889	rVB5	221075	1340732	55.06%	3.212%

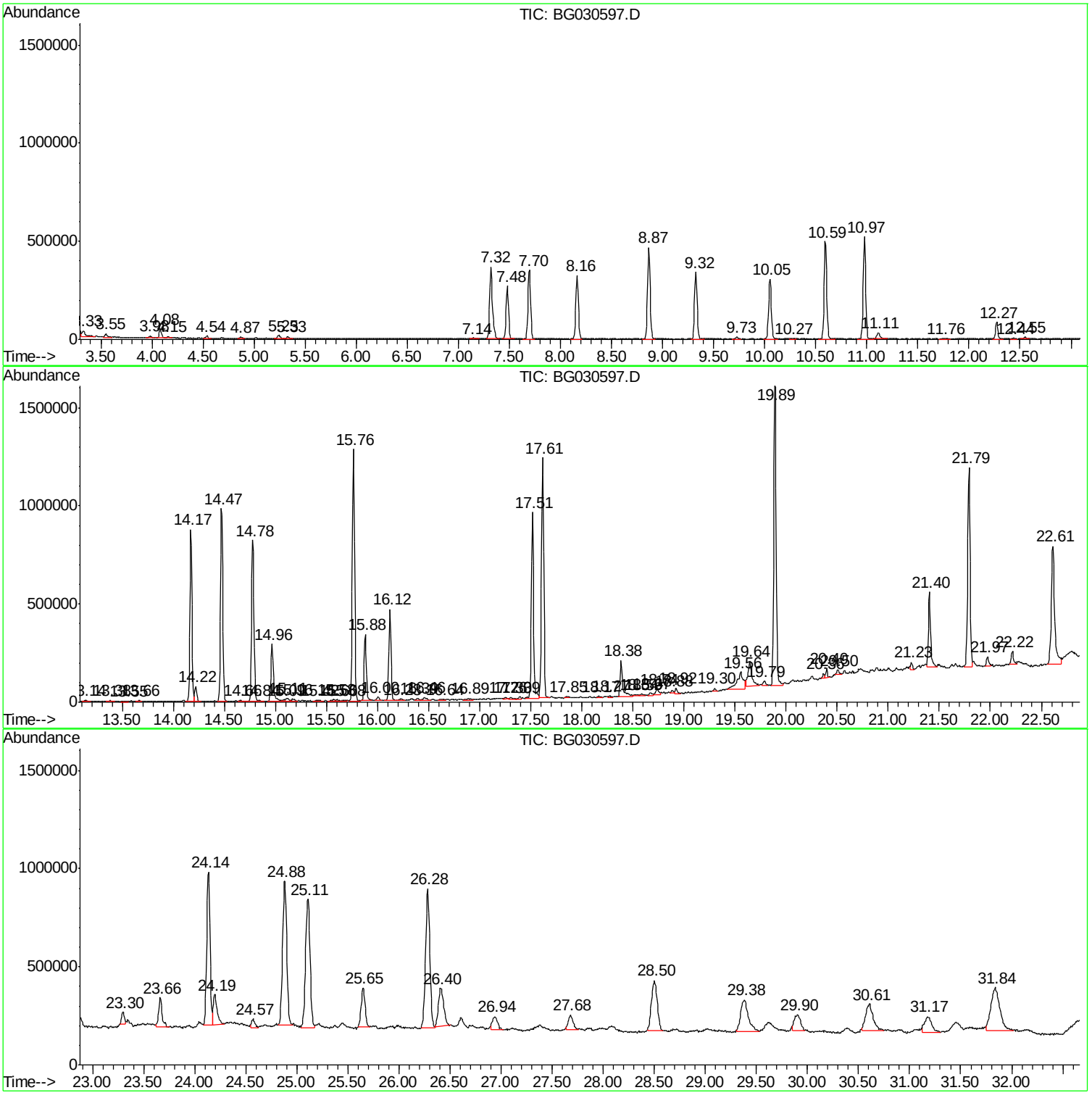
Sum of corrected areas: 41745166

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030597.D
Acq On : 31 Oct 2017 2:54
Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
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Misc :
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Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

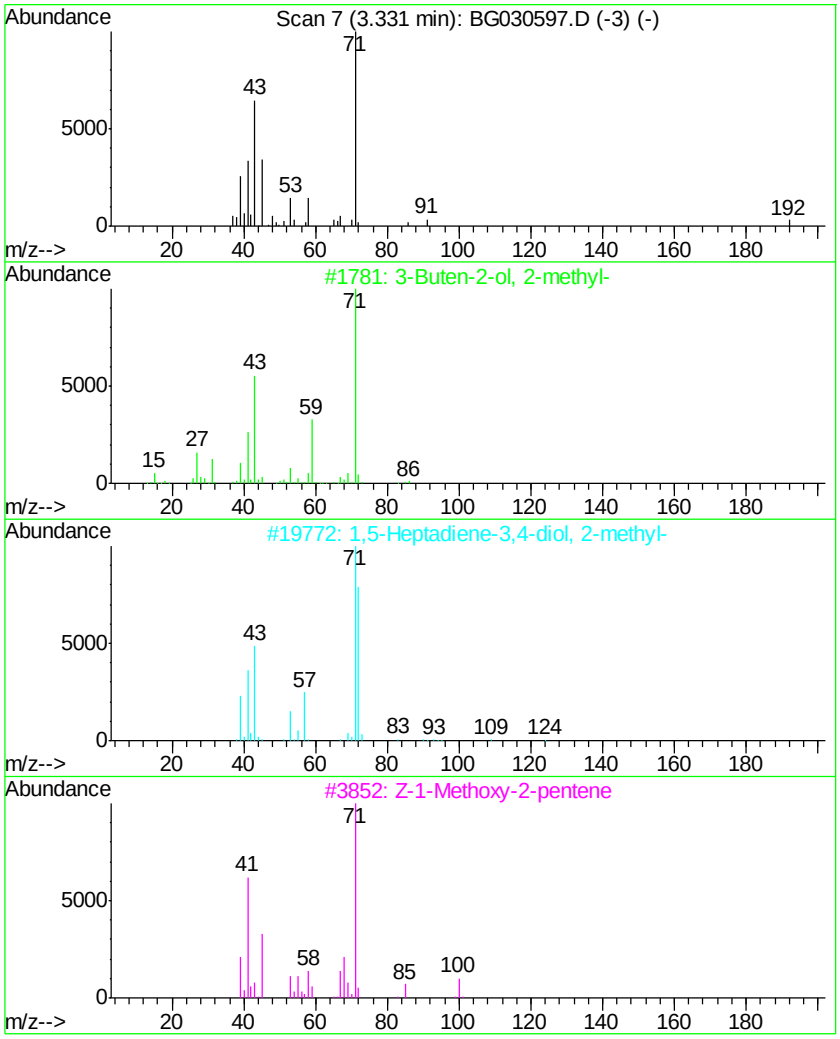
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

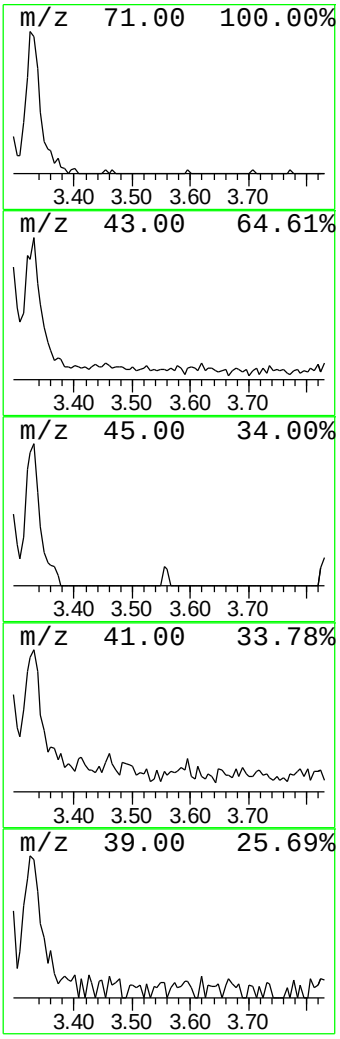
****

Peak Number 1 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	2.18 ng/ul	61540	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	42
2	1,5-Heptadiene-3,4-diol, 2-methyl-	142	C8H14O2	022726-05-2	40
3	Z-1-Methoxy-2-pentene	100	C6H12O	1000279-59-4	40
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	36
5	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030597.D
Acq On : 31 Oct 2017 2:54
Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

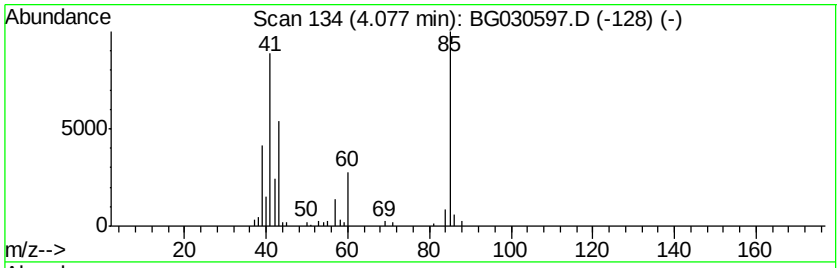
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

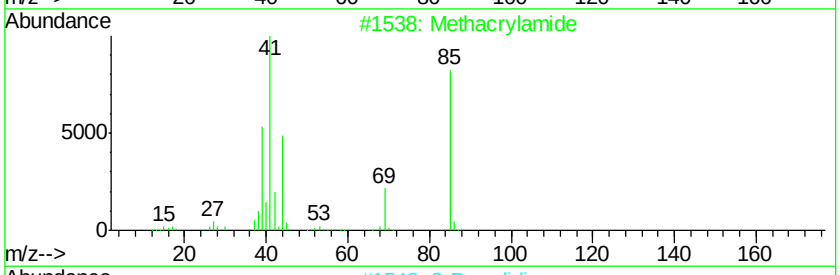
****

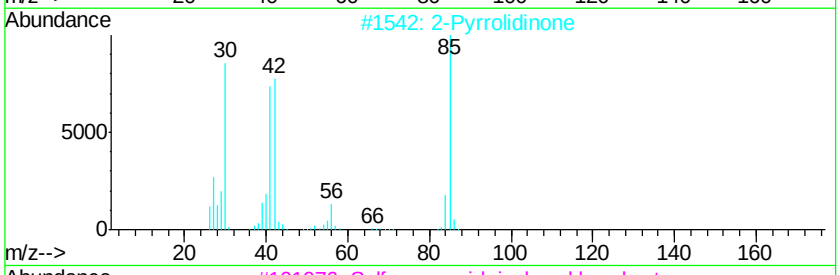
Peak Number 2 unknown-02 Concentration Rank 20

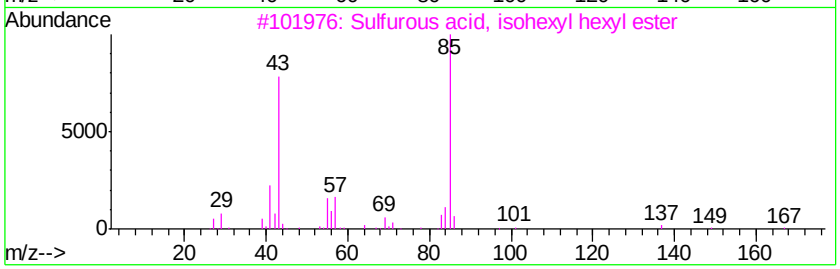
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	2.53 ng/ul	71382	1,4-Dichlorobenzene-d4	8.16

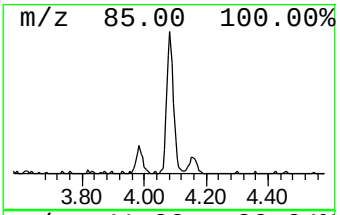
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	9
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3	Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	9
4	Pentanoyl chloride	120	C5H9ClO	000638-29-9	9
5	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	9

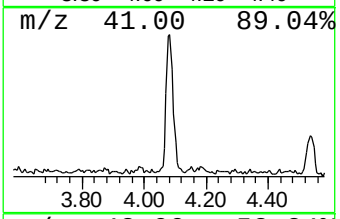


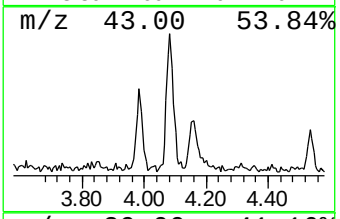


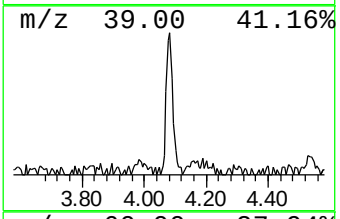


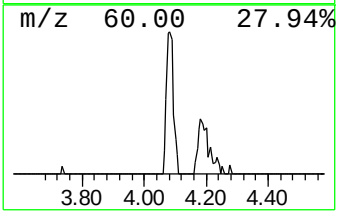












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
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Acq On : 31 Oct 2017 2:54
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Sample : I5842-04
Misc :
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Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

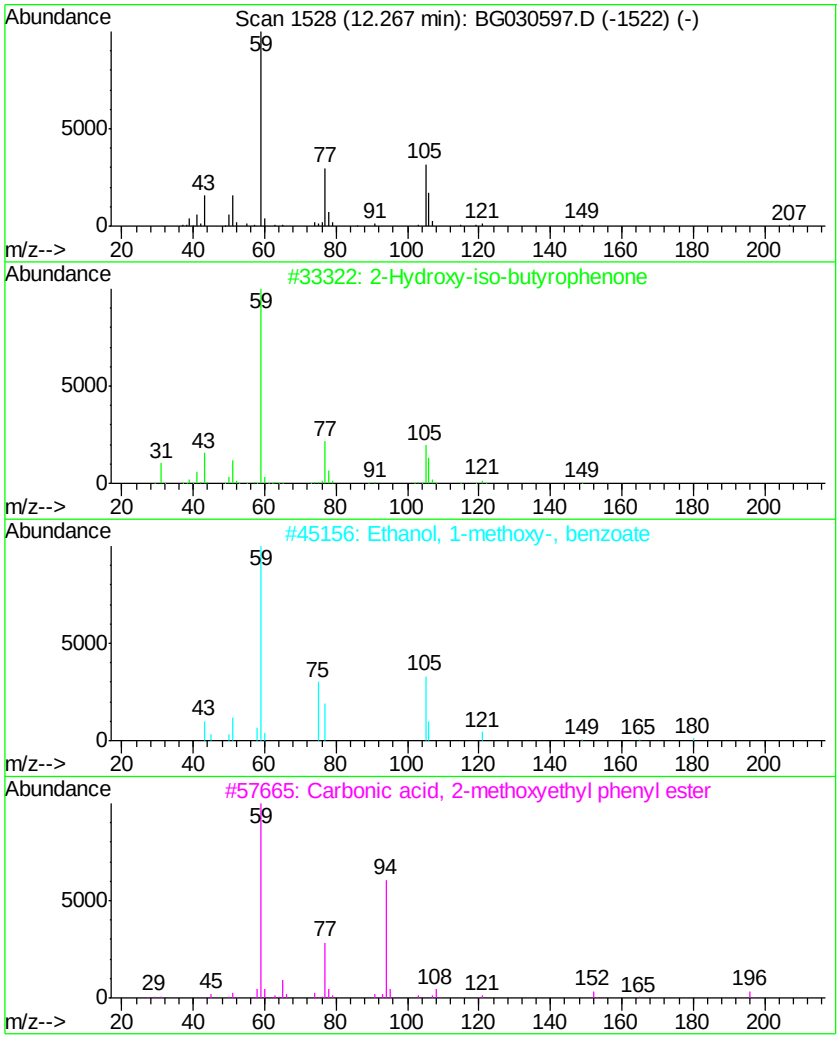
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

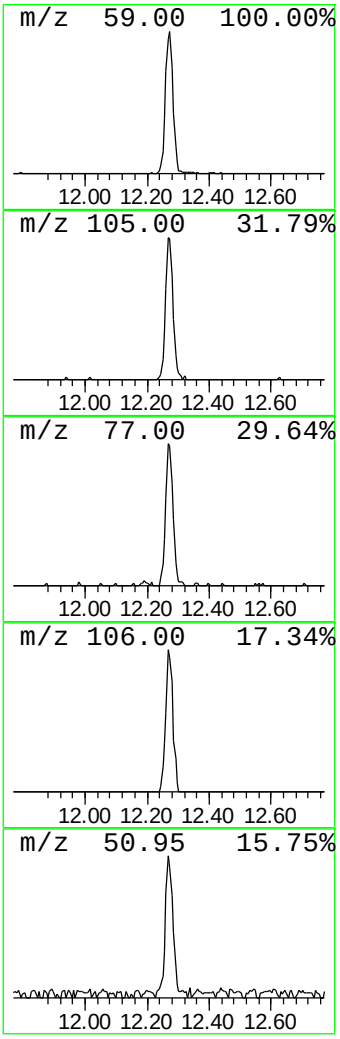
****

Peak Number 3 2-Hydroxy-iso-butyrophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.09 ng/ul	146769	Naphthalene-d8	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	78
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	50
3	Carbonic acid, 2-methoxyethyl ph...	196	C10H12O4	1000357-86-8	36
4	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	17
5	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	10





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Acq On : 31 Oct 2017 2:54
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Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

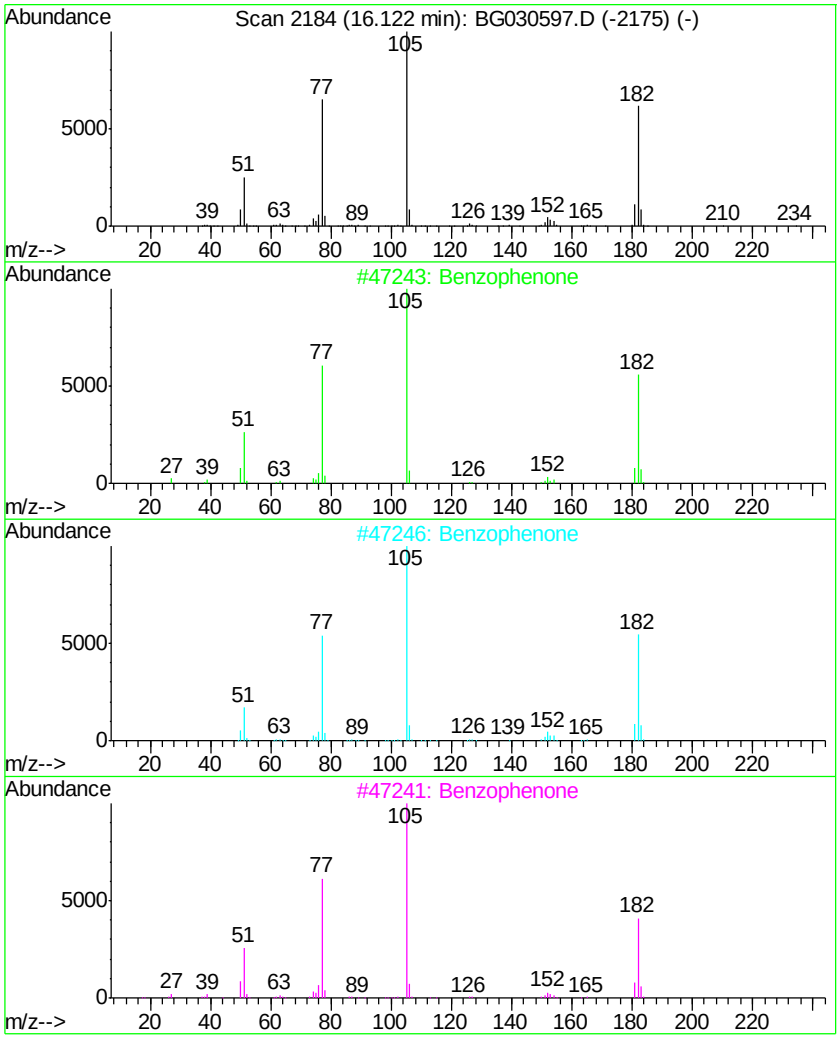
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

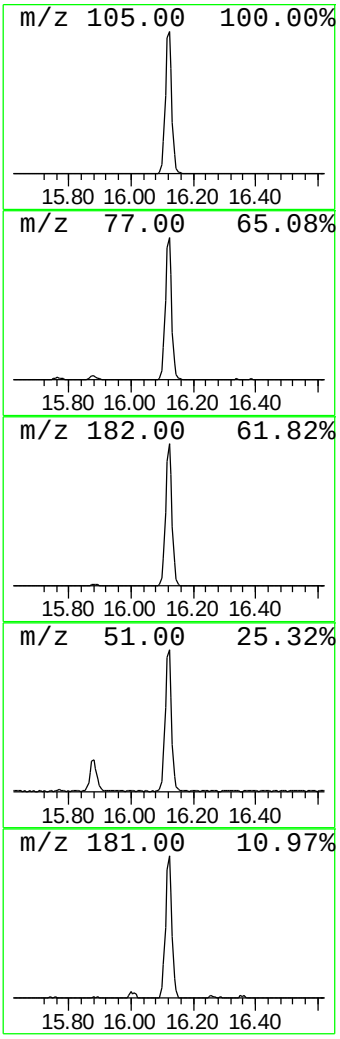
****

Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	10.12 ng/ul	673612	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	87





Library Search Compound Report

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Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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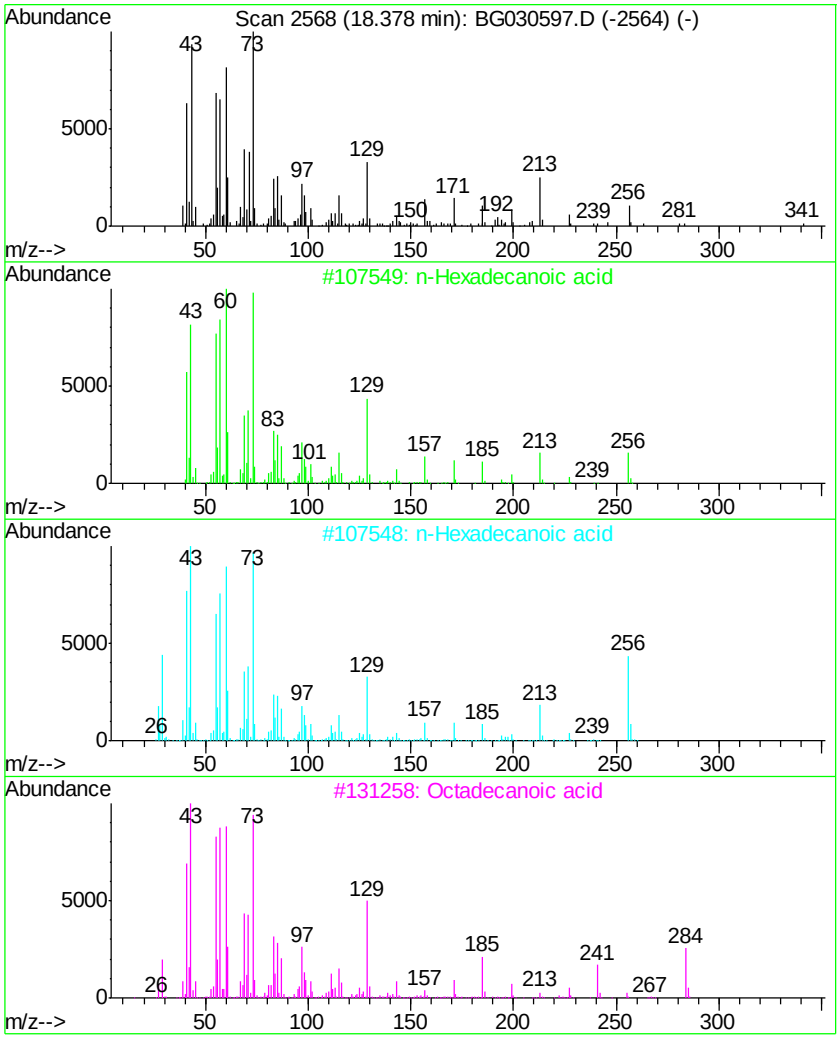
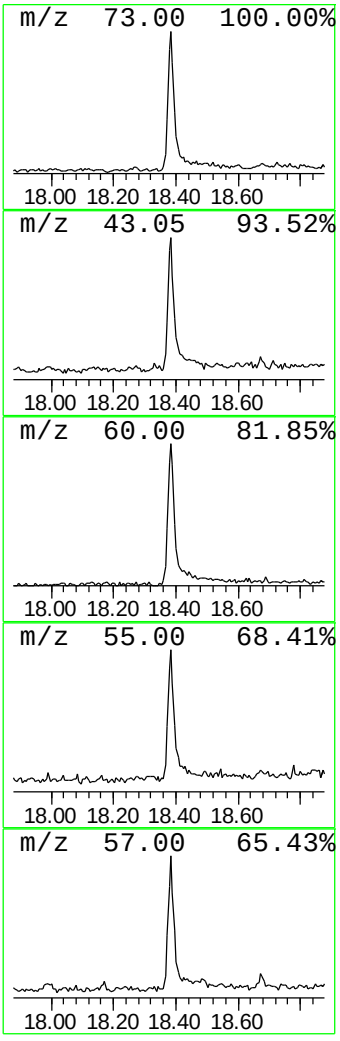
Peak Number 5 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.23 ng/ul	329817	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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ClientSampleId : C0AA4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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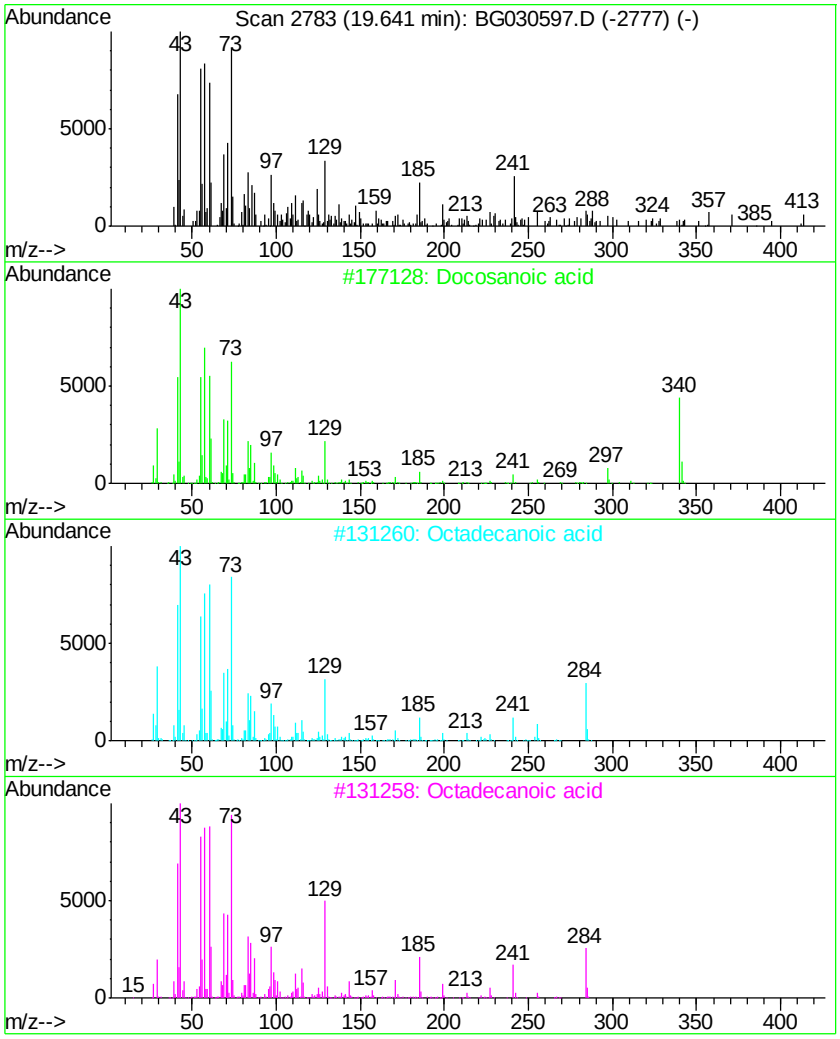
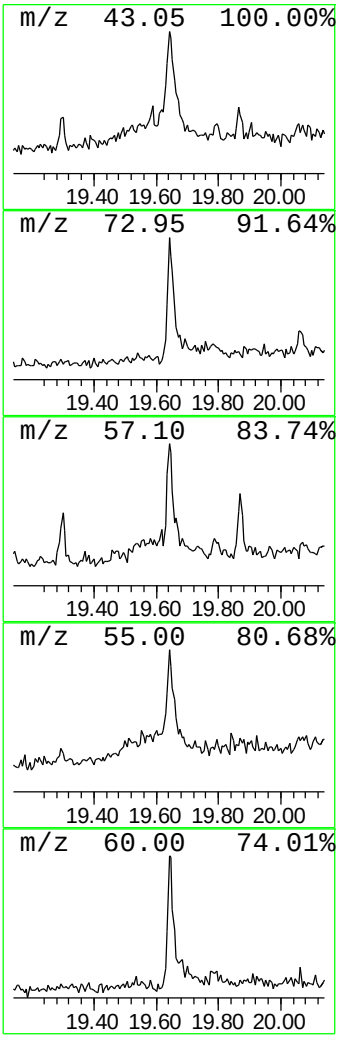
Peak Number 7 Docosanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	4.23 ng/ul	329772	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid	340	C22H44O2	000112-85-6	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	83
5	Docosanoic acid	340	C22H44O2	000112-85-6	72





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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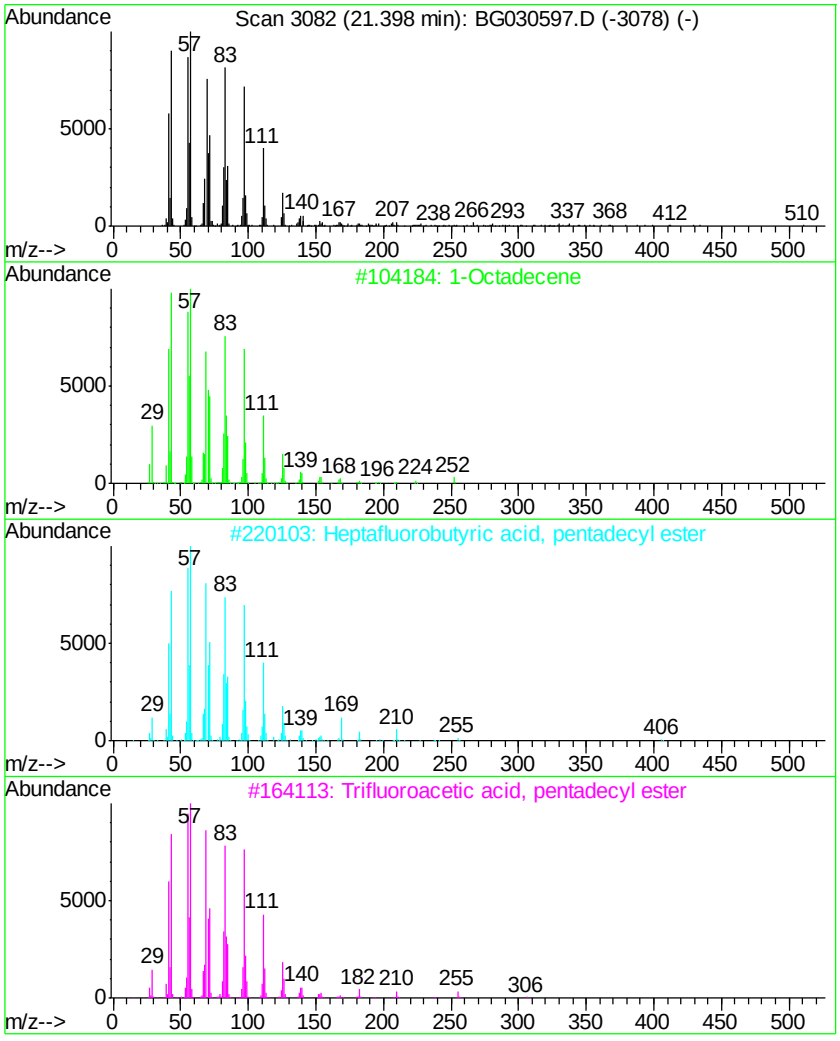
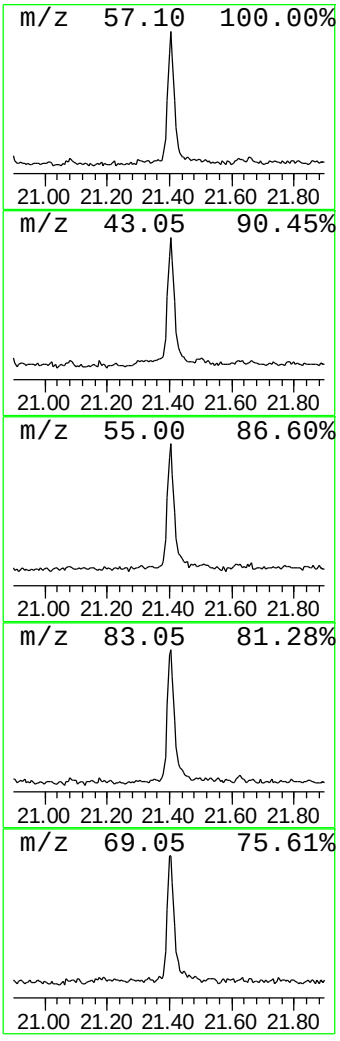
Peak Number 8 (DEL) Alkane: Cyclic21.40 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	6.93 ng/ul	606711	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94





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ClientSampleId : C0AA4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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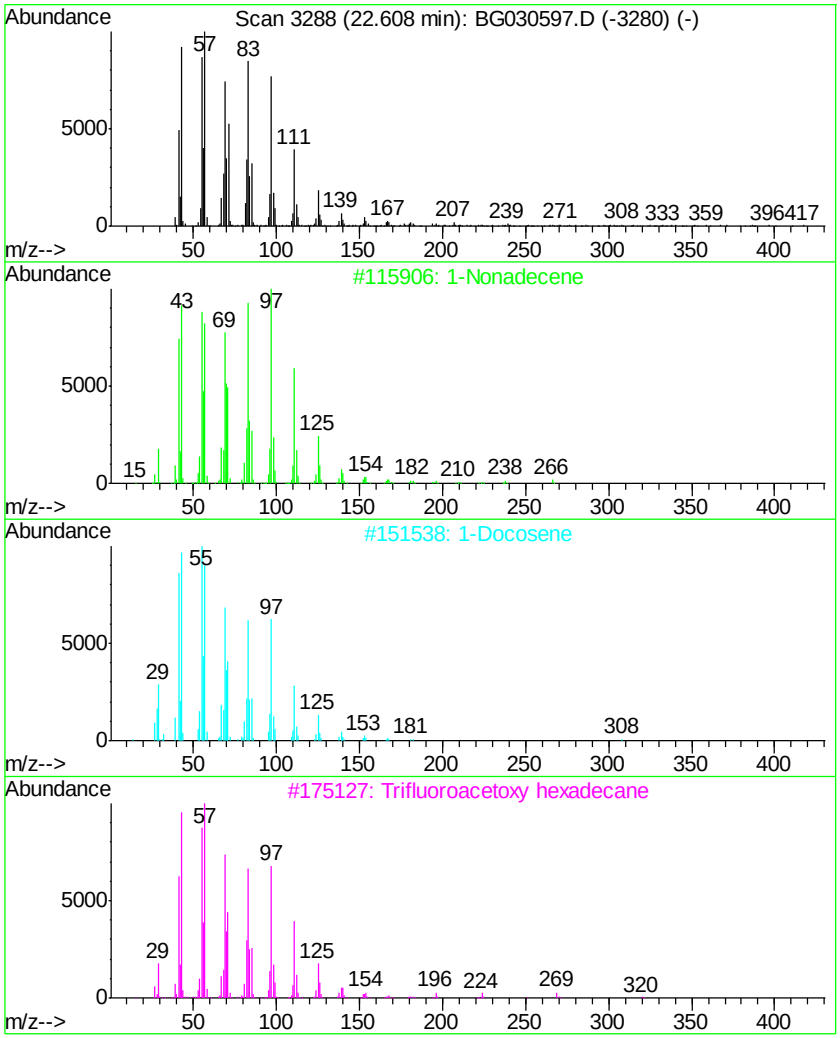
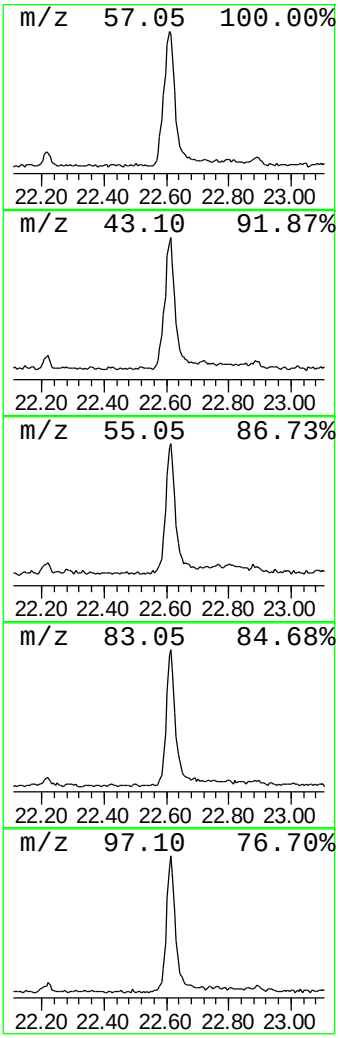
Peak Number 9 (DEL) Alkane: Cyclic22.61 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	15.89 ng/ul	1391060	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	1-Docosene	308	C22H44	001599-67-3	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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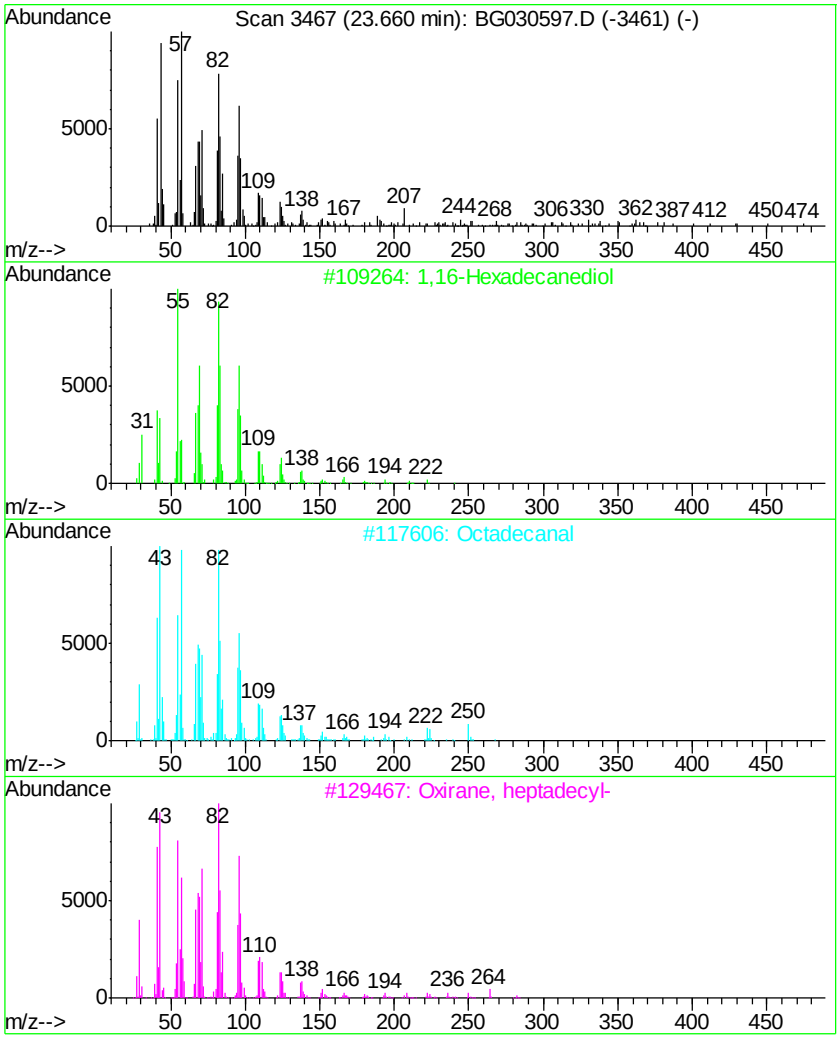
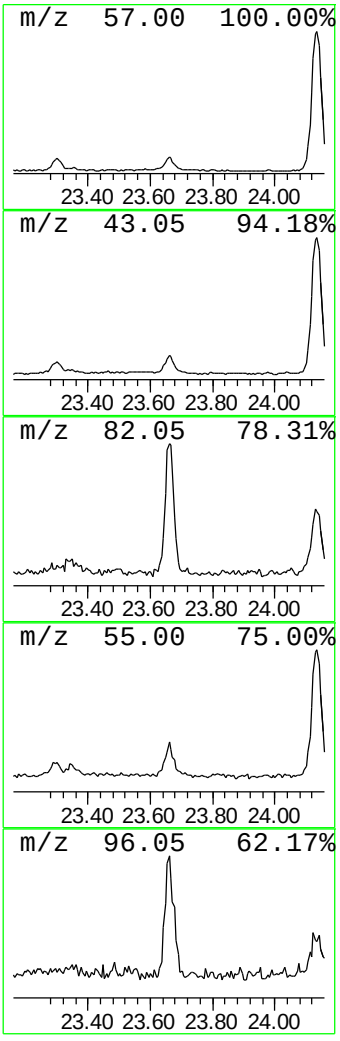
Peak Number 10 1,16-Hexadecanediol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	3.54 ng/ul	350985	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	93
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Octadecanal	268	C18H36O	000638-66-4	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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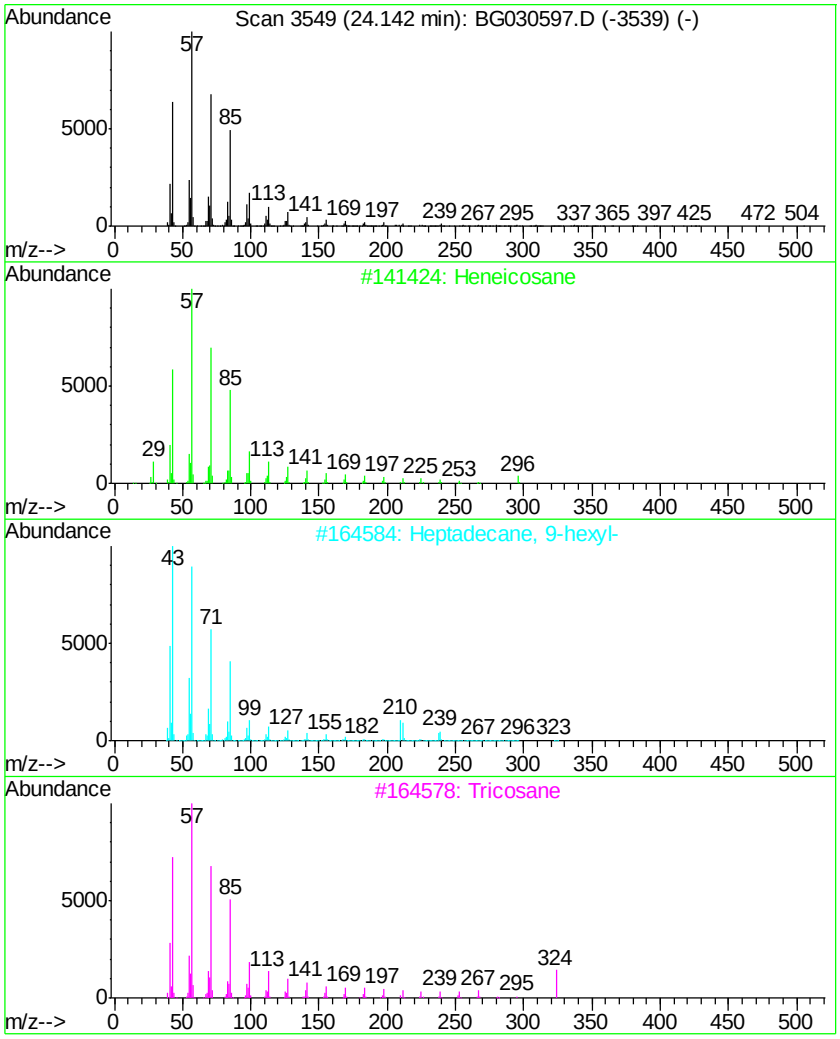
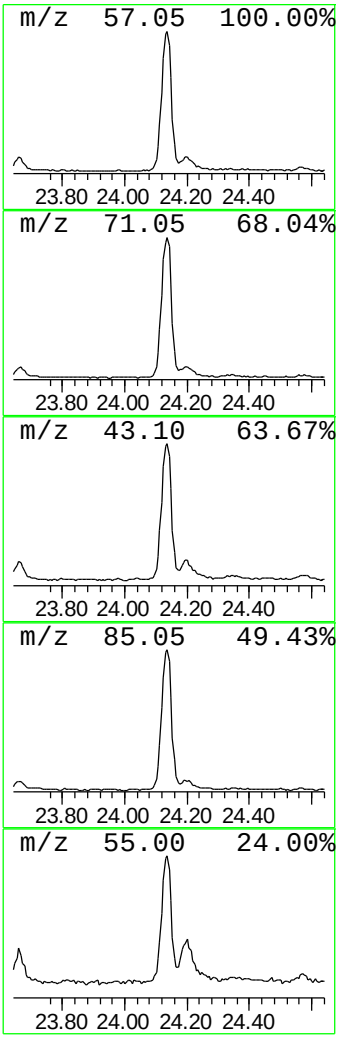
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	17.52 ng/ul	1739350	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3	Tricosane	324	C23H48	000638-67-5	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AA4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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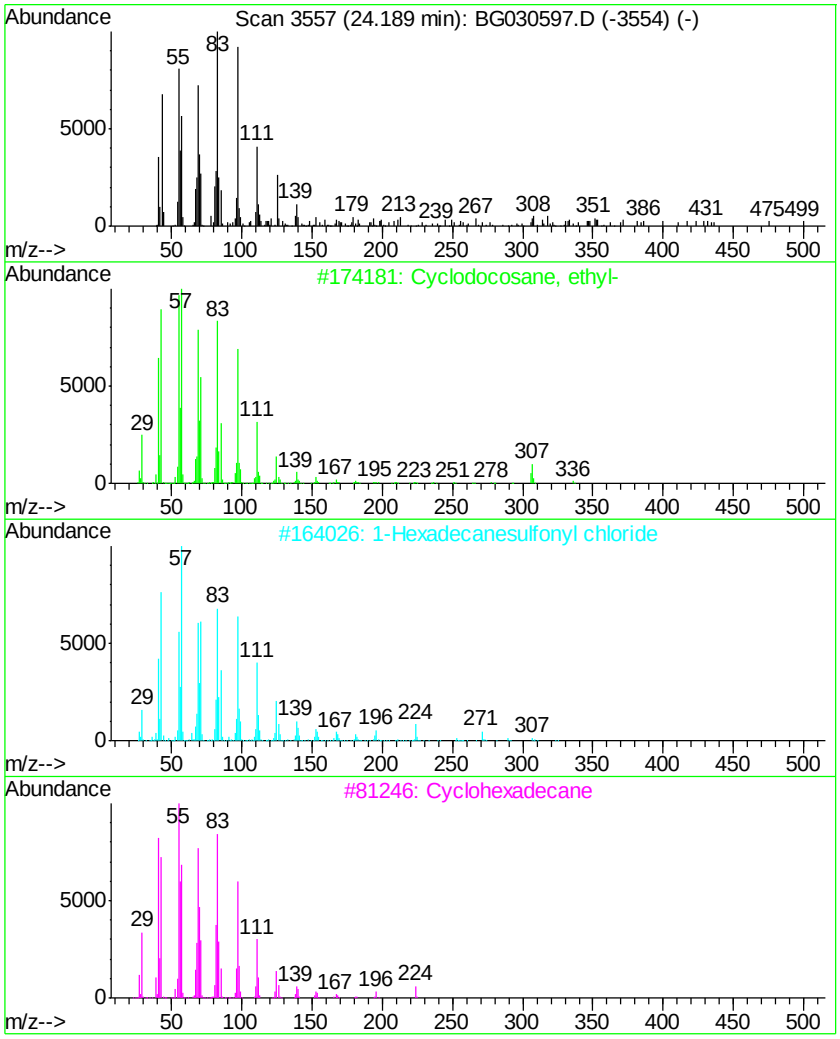
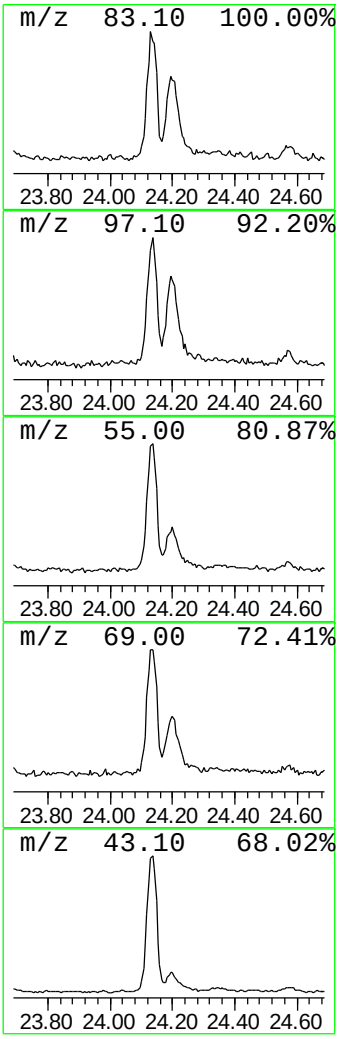
Peak Number 12 (DEL) Alkane: Cyclic24.19 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	4.04 ng/ul	401368	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	90
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	64
3	Cyclohexadecane	224	C16H32	000295-65-8	52
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	49
5	1-Hexadecanol	242	C16H34O	036653-82-4	49





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ClientSampleId : C0AA4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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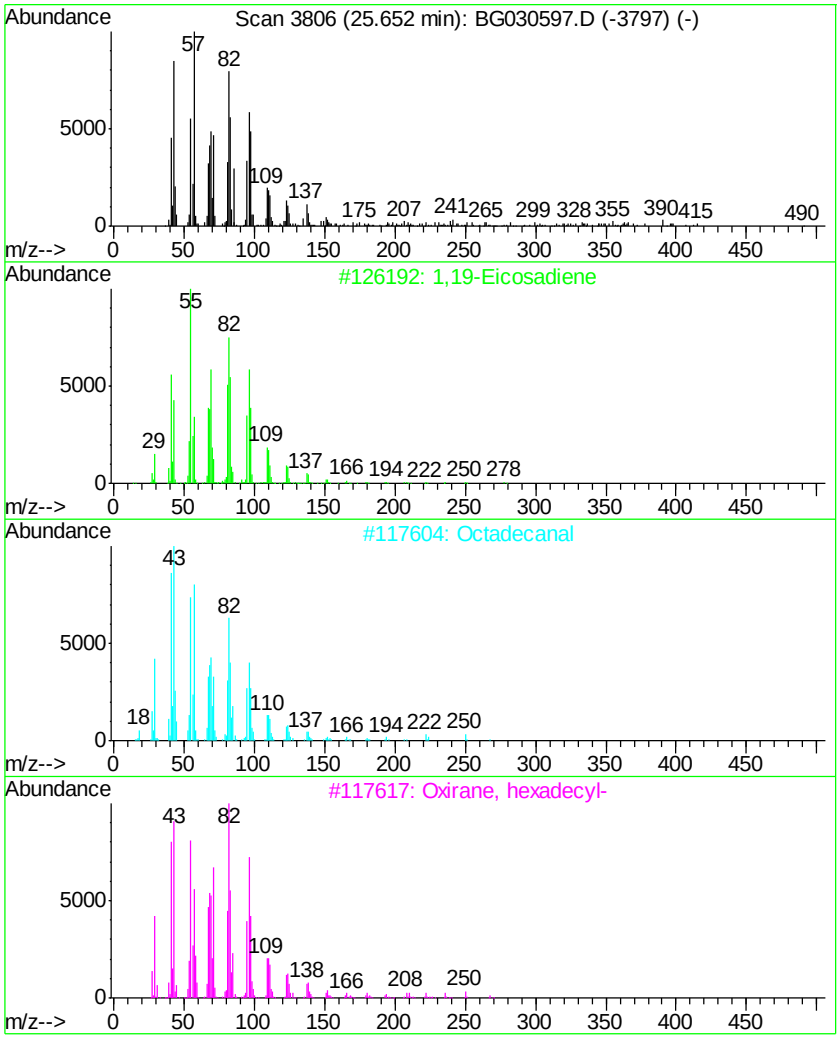
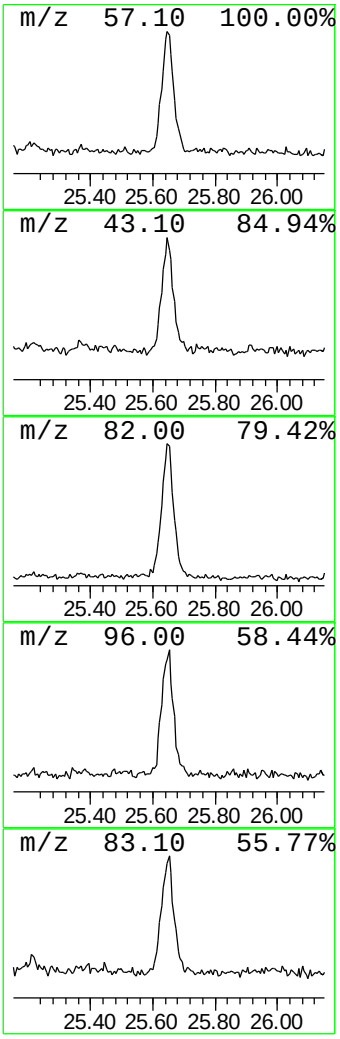
Peak Number 13 (DEL) Alkane: Cyclic25.65 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.65	5.31 ng/ul	527294	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
5	Octadecanal	268	C18H36O	000638-66-4	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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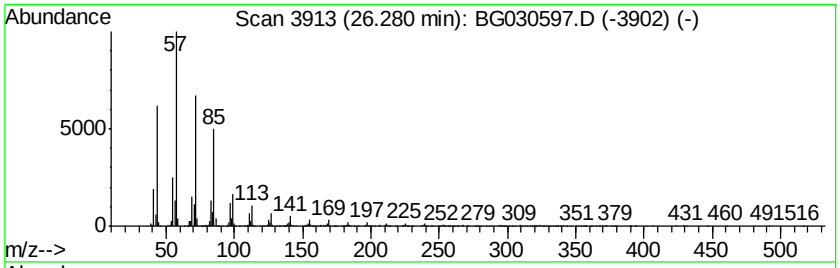
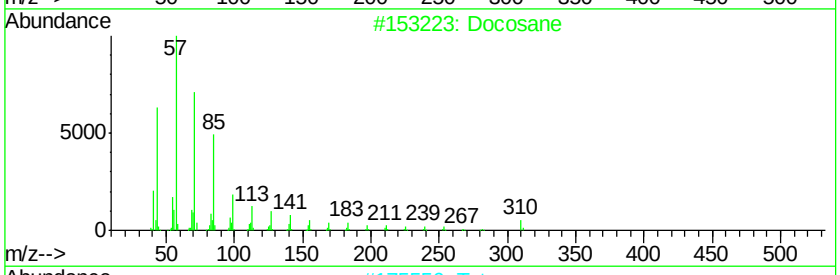
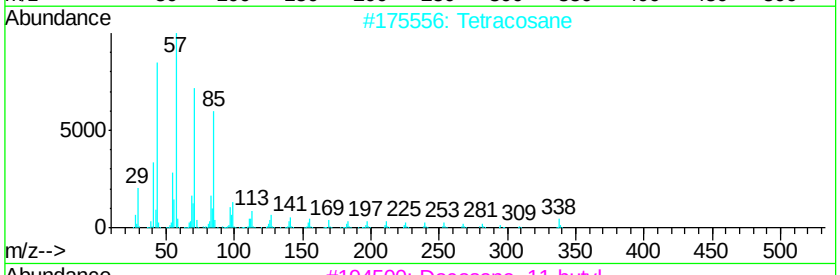
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 1

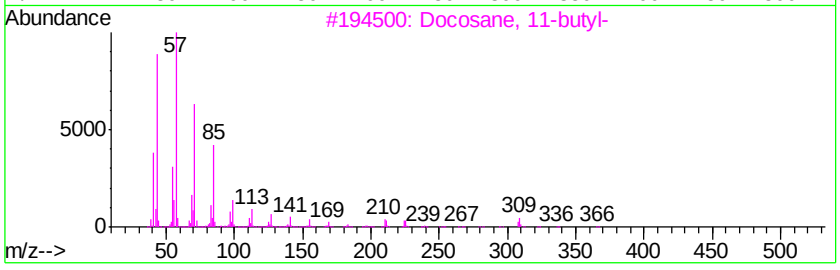
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.28	21.38 ng/ul	2122010	Perylene-d12	25.11

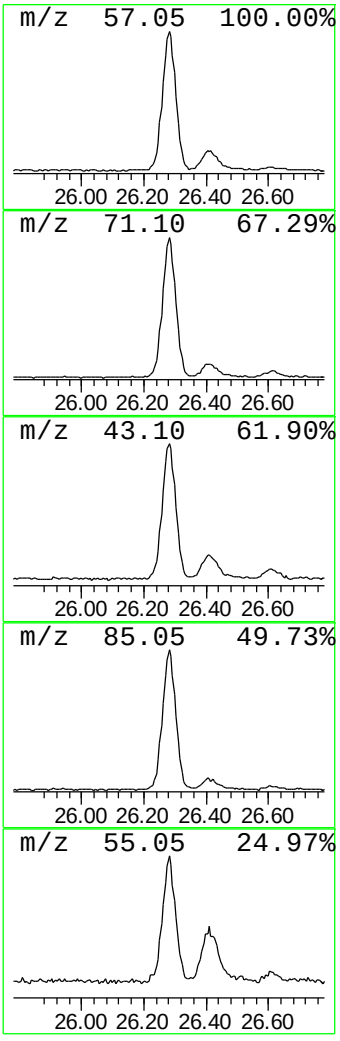
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Tetracosane	338	C24H50	000646-31-1	95
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94











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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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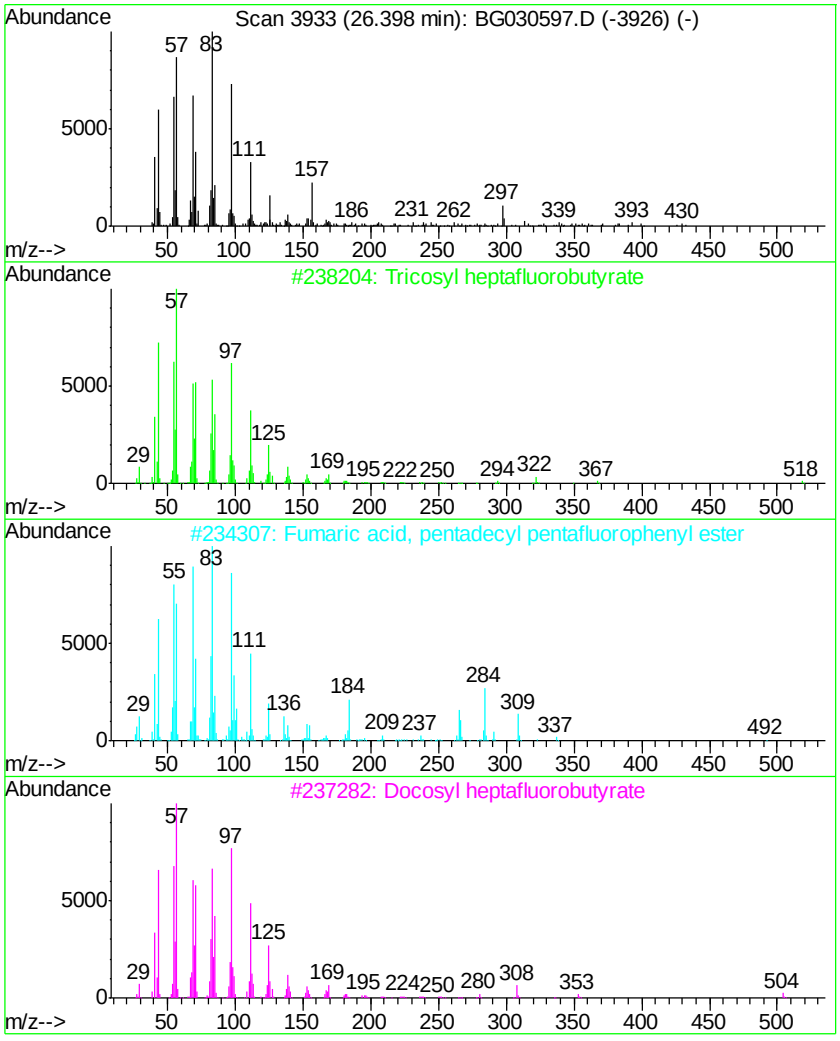
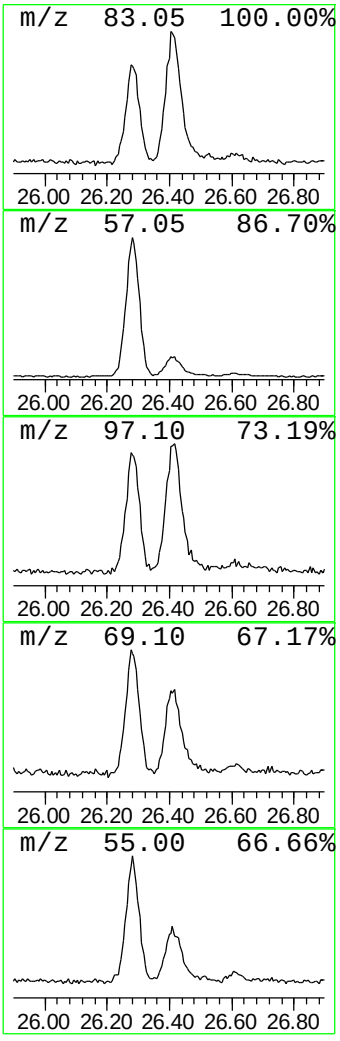
Peak Number 15 Tricosyl heptafluorobutyrate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.40	6.85 ng/ul	679875	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	55
2	Fumaric acid, pentadecyl pentafl...	492	C25H33F5O4	1000348-10-7	52
3	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	43
4	1H,5H-Pyrrolo[1',2':3,4]imidazo[...	166	C10H18N2	054966-11-9	43
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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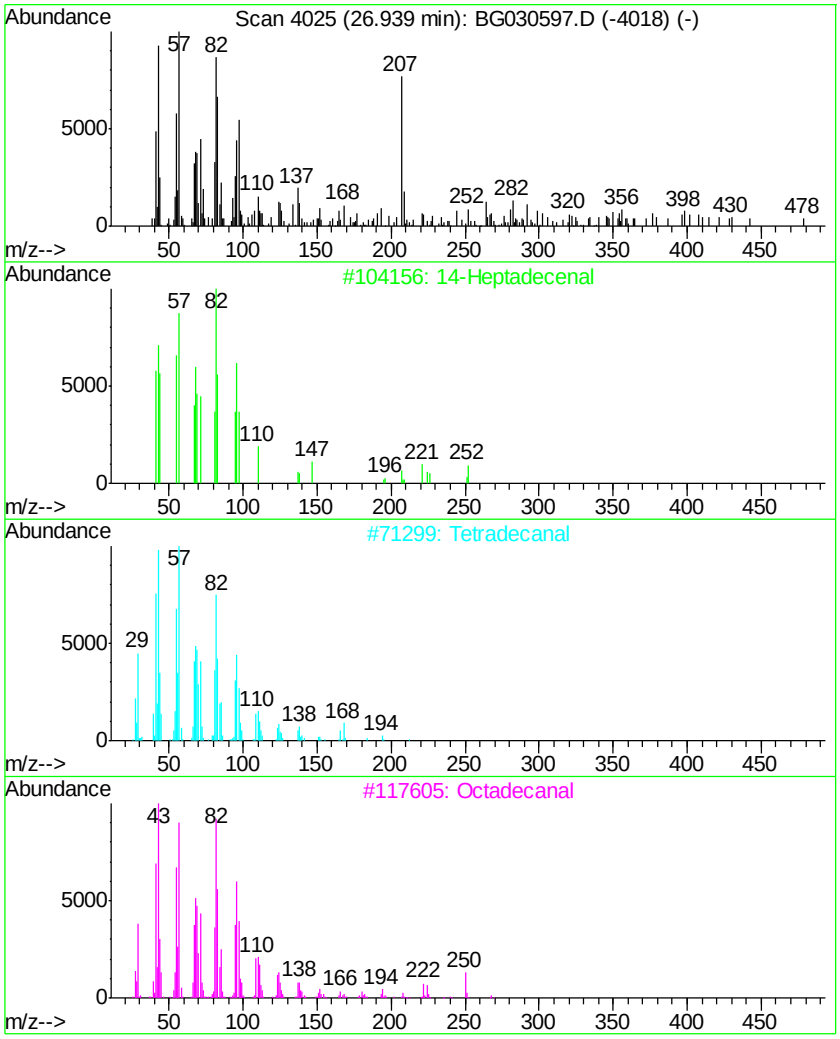
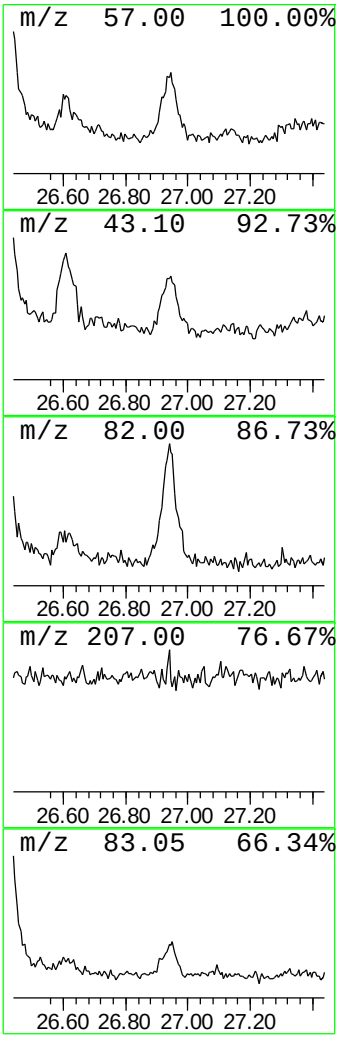
Peak Number 16 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.94	2.46 ng/ul	244033	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Heptadecenal	252	C17H32O	1000144-58-0	43
2	Tetradecanal	212	C14H28O	000124-25-4	43
3	Octadecanal	268	C18H36O	000638-66-4	43
4	Octadecanal	268	C18H36O	000638-66-4	38
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	22





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Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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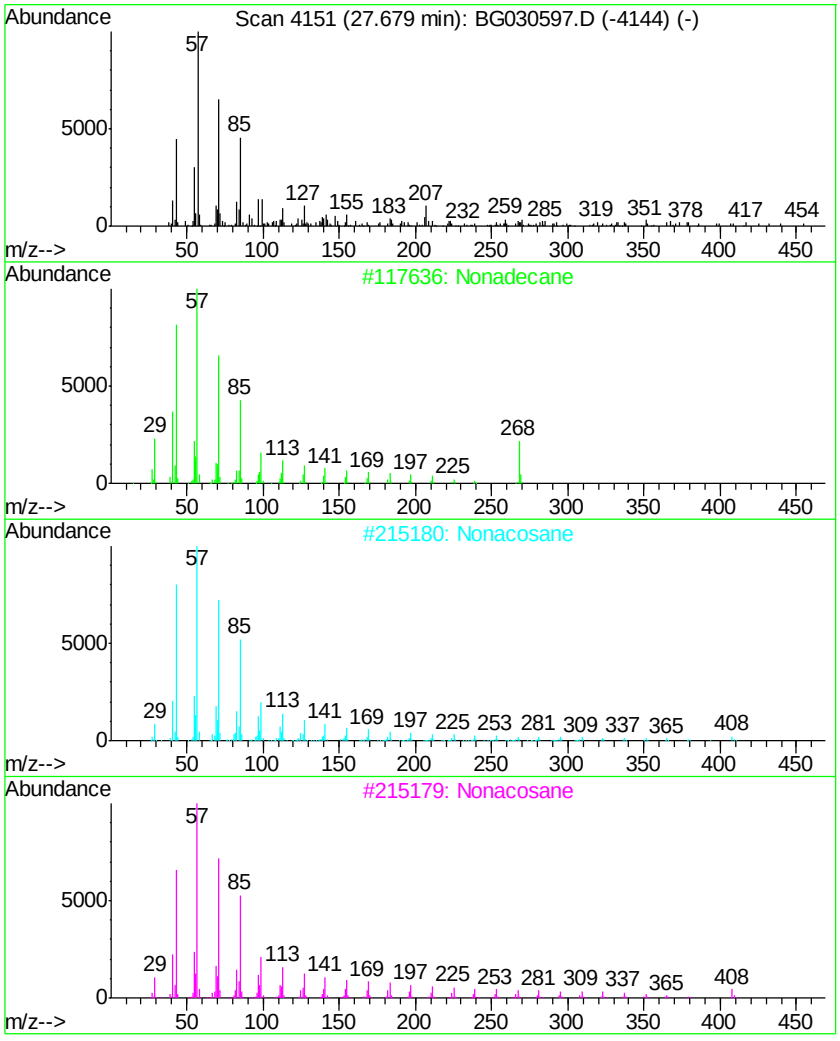
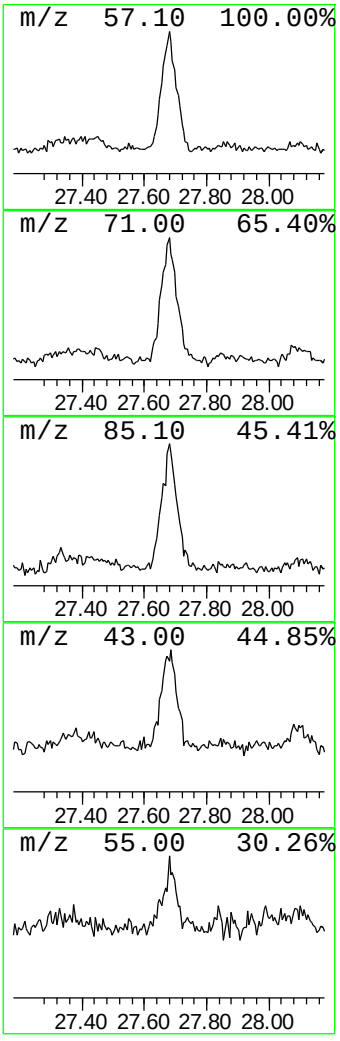
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.68	2.41 ng/ul	238850	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Nonacosane	408	C29H60	000630-03-5	90
3	Nonacosane	408	C29H60	000630-03-5	81
4	Tetracosane	338	C24H50	000646-31-1	81
5	Pentacosane	352	C25H52	000629-99-2	78





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Data File : BG030597.D
Acq On : 31 Oct 2017 2:54
Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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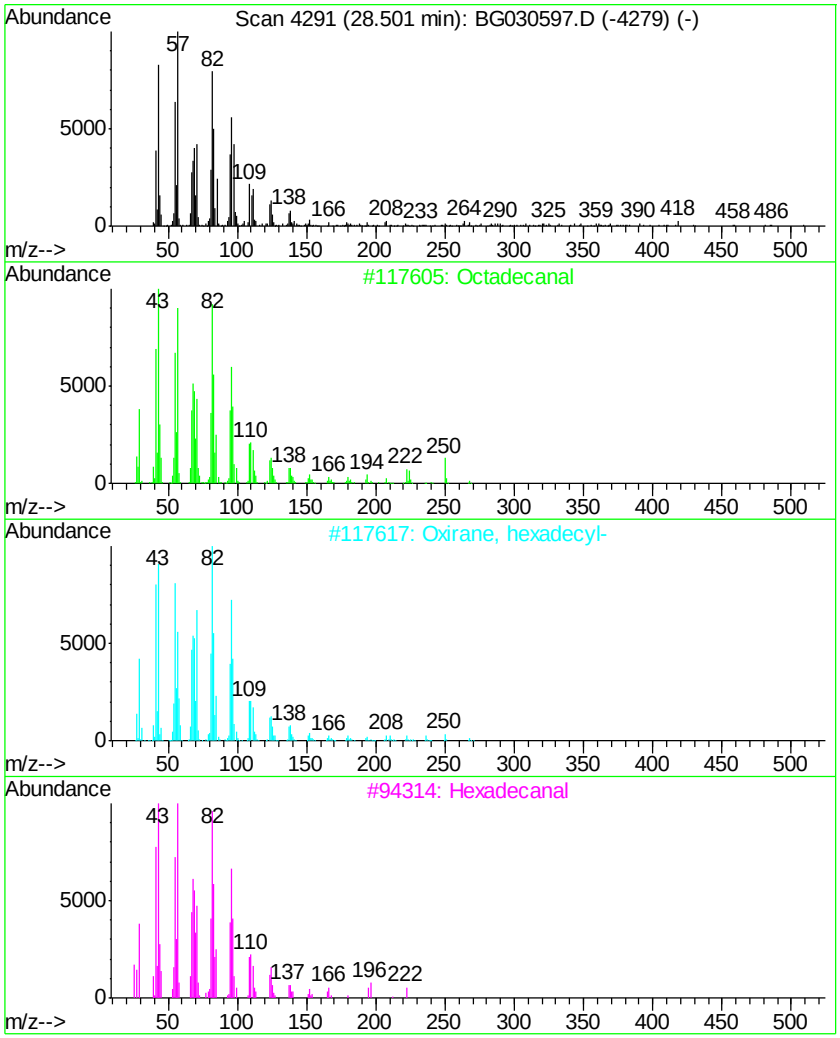
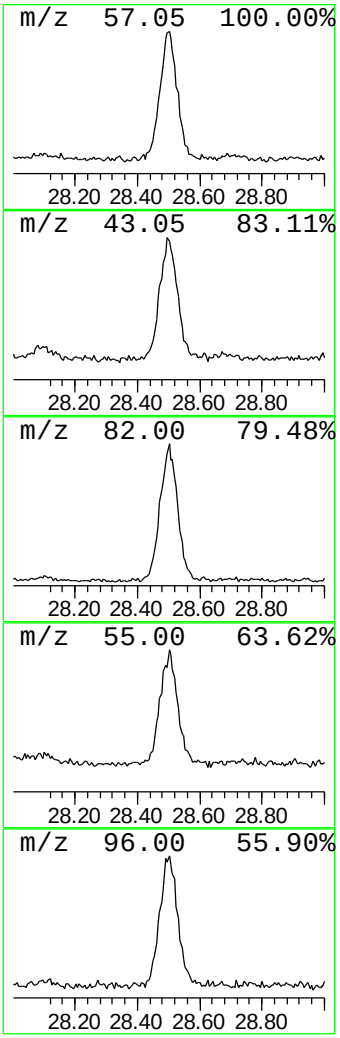
Peak Number 18 Octadecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.50	10.03 ng/ul	995923	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Hexadecanal	240	C16H32O	000629-80-1	90
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	80





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Data File : BG030597.D
Acq On : 31 Oct 2017 2:54
Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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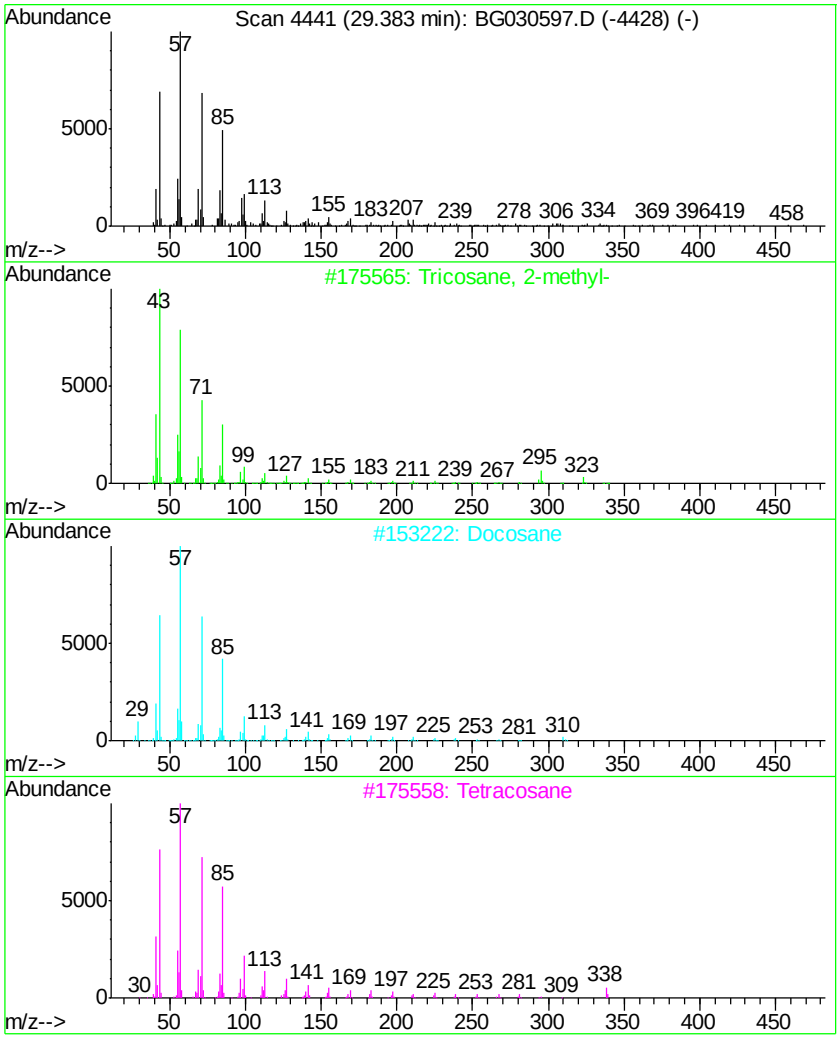
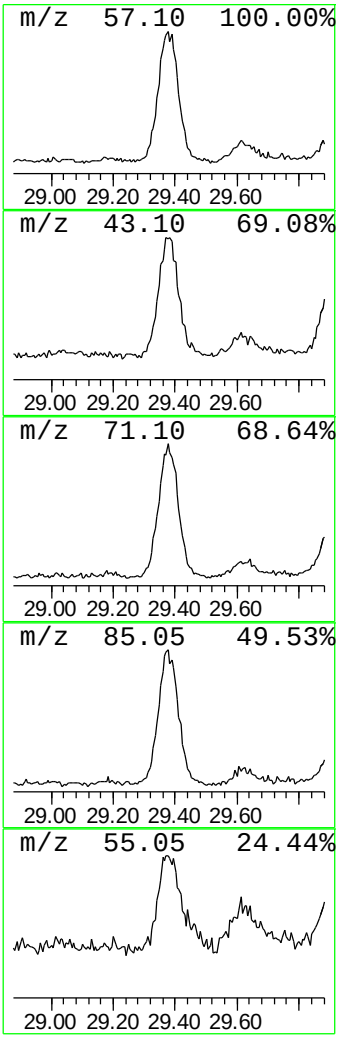
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.38	8.26 ng/ul	819702	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
2	Docosane	310	C22H46	000629-97-0	93
3	Tetracosane	338	C24H50	000646-31-1	93
4	Tricosane	324	C23H48	000638-67-5	91
5	Tricosane	324	C23H48	000638-67-5	91





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Data File : BG030597.D
Acq On : 31 Oct 2017 2:54
Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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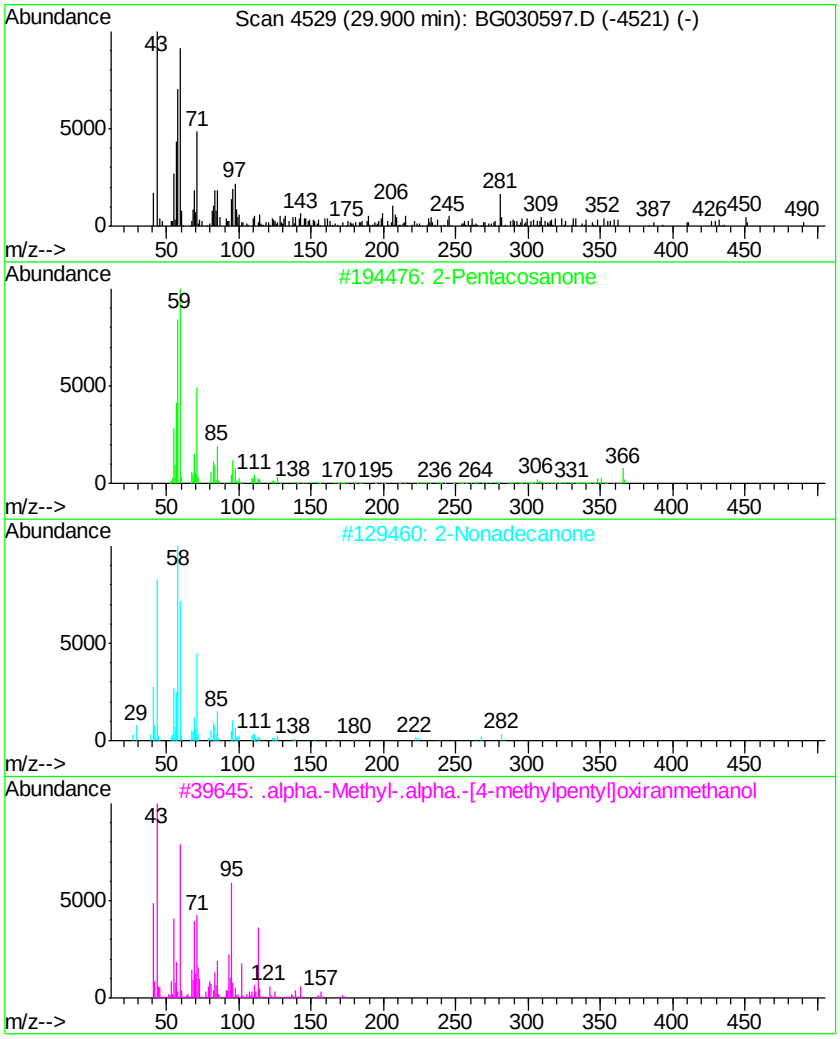
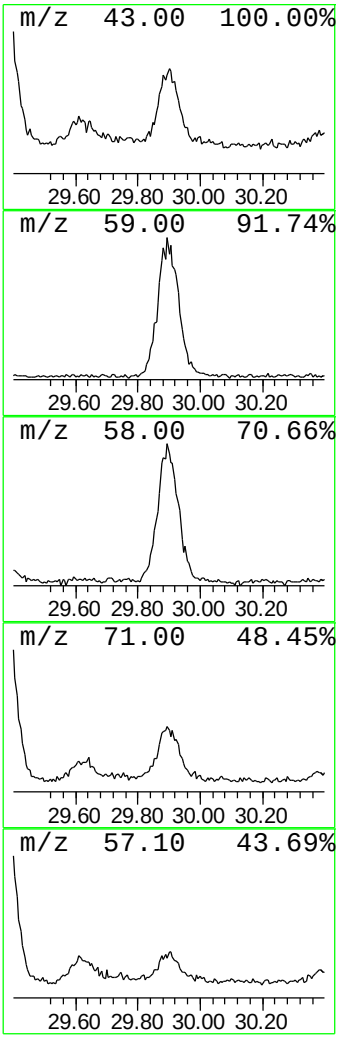
Peak Number 20 2-Pentacosanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.90	3.43 ng/ul	340113	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentacosanone	366	C25H50O	075207-54-4	59
2	2-Nonadecanone	282	C19H38O	000629-66-3	55
3	.alpha.-Methyl-.alpha.-[4-methyl...	172	C10H20O2	107358-56-5	46
4	Silane, dimethyl-	60	C2H8Si	001111-74-6	43
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	43





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Acq On : 31 Oct 2017 2:54
Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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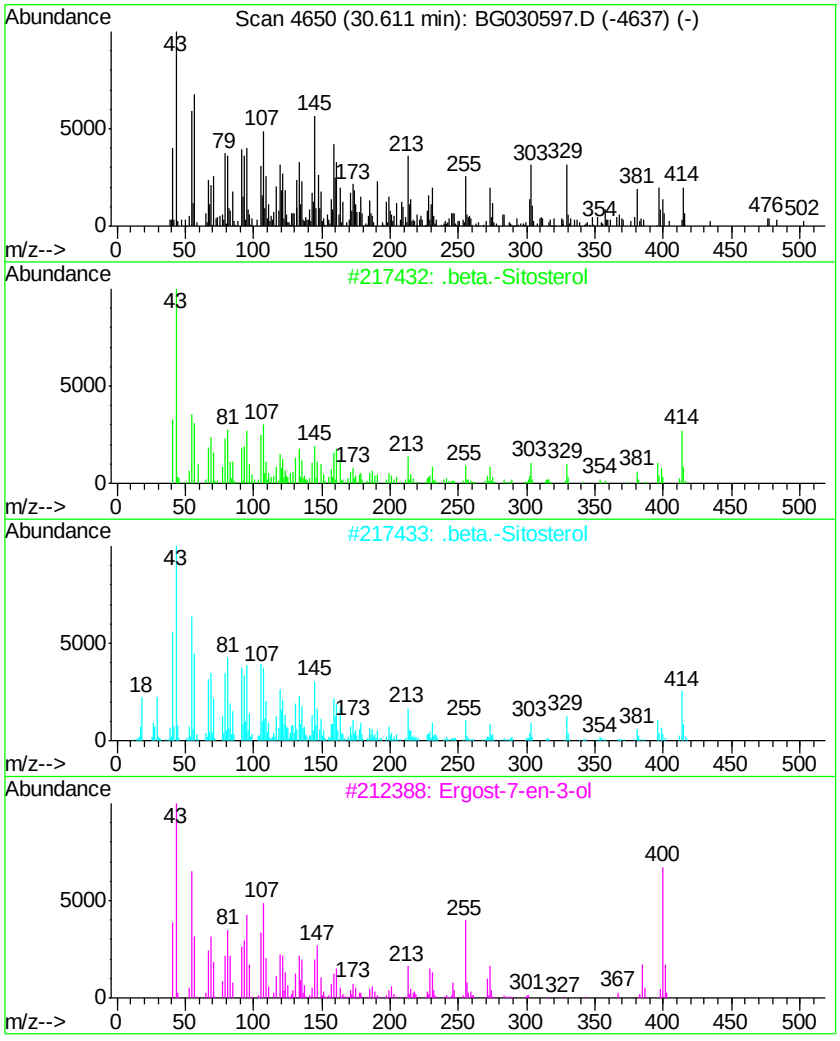
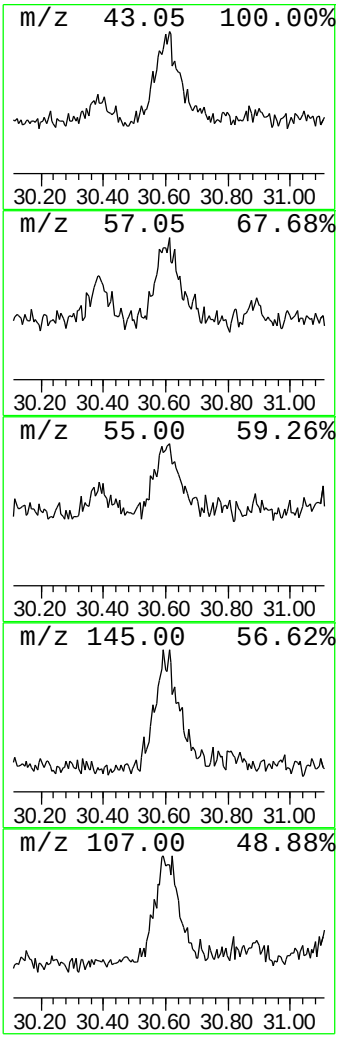
Peak Number 21 .beta.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.61	6.75 ng/ul	669867	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	96
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	83
3	Ergost-7-en-3-ol	400	C28H48O	116179-22-7	58
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	55
5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	43





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Data File : BG030597.D
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Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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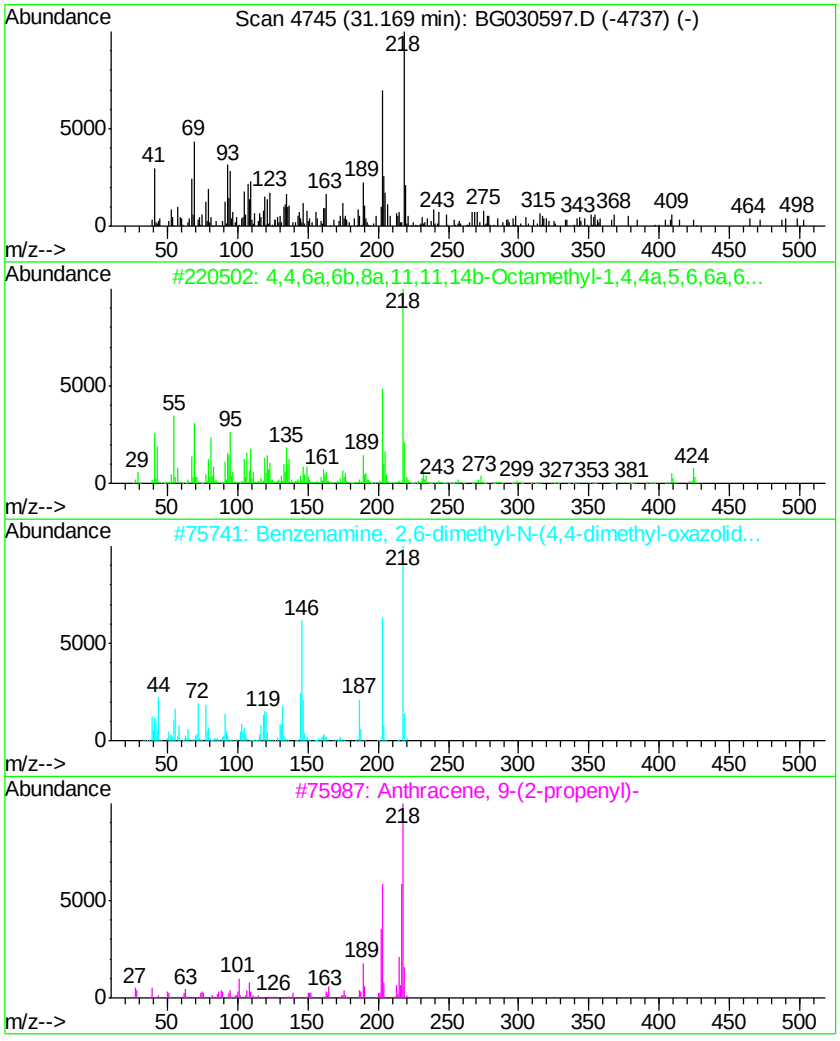
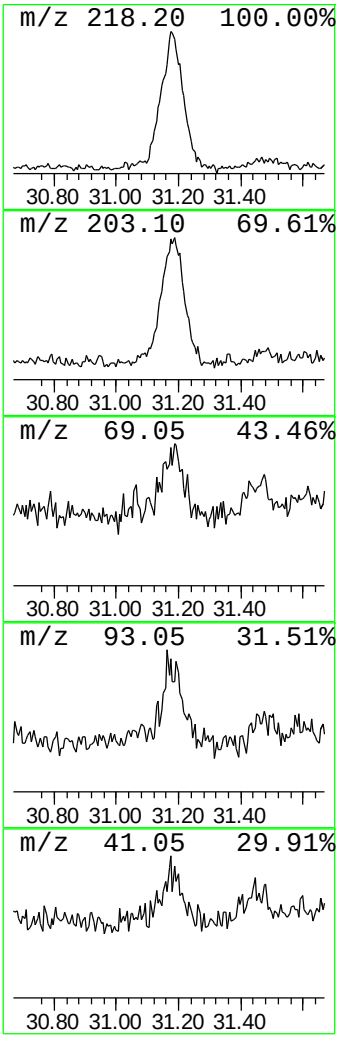
Peak Number 22 4,4,6a,6b,8a,11,11,14b-Octa... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.17	4.14 ng/ul	410598	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	60
2	Benzenamine, 2,6-dimethyl-N-(4,4...	218	C13H18N2O	281211-68-5	49
3	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	49
4	d-Norpregnane (5.alpha.,14.alpha.)	274	C20H34	1000281-13-7	43
5	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	35





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Sample : I5842-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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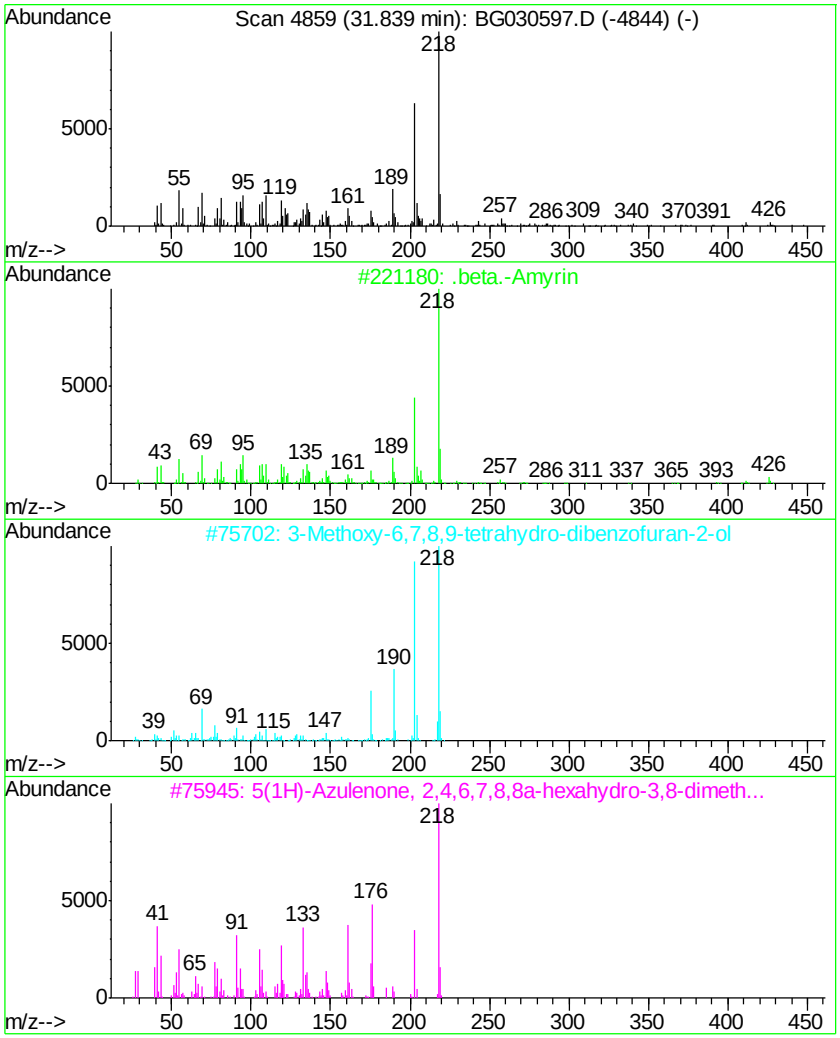
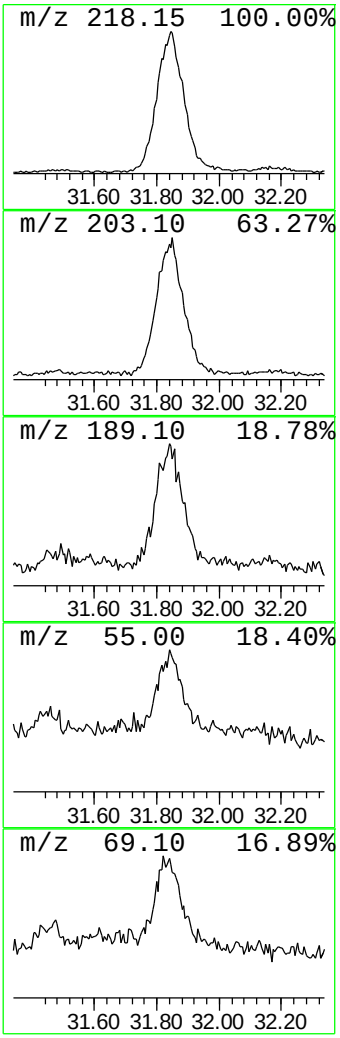
Peak Number 23 .beta.-Amyrin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.84	13.51 ng/ul	1340730	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	74
2	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	72
3	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	70
4	.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	68
5	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	64





Tentatively Identified Compound (LSC) summary

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Data File : BG030597.D
Acq On : 31 Oct 2017 2:54
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.33	2.2	ng/ul	61540	1	8.16	564624	20.0
unknown-02	4.08	2.5	ng/ul	71382	1	8.16	564624	20.0
2-Hydroxy-iso-but...	12.27	3.1	ng/ul	146769	2	10.97	951038	20.0
Benzophenone	16.12	10.1	ng/ul	673612	3	14.78	1331210	20.0
n-Hexadecanoic acid	18.38	4.2	ng/ul	329817	4	17.51	1559210	20.0
Docosanoic acid	19.64	4.2	ng/ul	329772	4	17.51	1559210	20.0
(DEL) Alkane: Cyc...	21.40	6.9	ng/ul	606711	5	21.79	1750580	20.0
(DEL) Alkane: Cyc...	22.61	15.9	ng/ul	1391060	5	21.79	1750580	20.0
1,16-Hexadecanediol	23.66	3.5	ng/ul	350985	6	25.11	1985090	20.0
(DEL) Alkane: Str...	24.14	17.5	ng/ul	1739350	6	25.11	1985090	20.0
(DEL) Alkane: Cyc...	24.19	4.0	ng/ul	401368	6	25.11	1985090	20.0
(DEL) Alkane: Cyc...	25.65	5.3	ng/ul	527294	6	25.11	1985090	20.0
(DEL) Alkane: Str...	26.28	21.4	ng/ul	2122010	6	25.11	1985090	20.0
Tricosyl heptaflu...	26.40	6.8	ng/ul	679875	6	25.11	1985090	20.0
unknown-03	26.94	2.5	ng/ul	244033	6	25.11	1985090	20.0
(DEL) Alkane: Str...	27.68	2.4	ng/ul	238850	6	25.11	1985090	20.0
Octadecanal	28.50	10.0	ng/ul	995923	6	25.11	1985090	20.0
(DEL) Alkane: Str...	29.38	8.3	ng/ul	819702	6	25.11	1985090	20.0
2-Pentacosanone	29.90	3.4	ng/ul	340113	6	25.11	1985090	20.0
.beta.-Sitosterol	30.61	6.8	ng/ul	669867	6	25.11	1985090	20.0
4,4,6a,6b,8a,11,1...	31.17	4.1	ng/ul	410598	6	25.11	1985090	20.0
.beta.-Amyrin	31.84	13.5	ng/ul	1340730	6	25.11	1985090	20.0