LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028280.D
Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

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-BG080217.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	3.852	37	45	49	rBV7	6561	13488	1.22%	0.080%
2	5.456	311	318	327	rBV5	4033	8154	0.74%	0.049%
3	7.501	659	666	682	rBV2	148328	314465	28.47%	1.874%
4	7.671	688	695	705	rBV	105932	188728	17.09%	1.124%
5	7.889	722	732	747	rBV	143563	259750	23.52%	1.548%
6	8.353	802	811	821	rBV	187513	333750	30.22%	1.988%
7	9.046	921	929	939	rBV	192024	353096	31.97%	2.104%
8	9.187	949	953	965	rVB7	2944	8855	0.80%	0.053%
9	9.522	1002	1010	1020	rBV	142470	275495	24.94%	1.641%
10	10.245	1126	1133	1143	rBV2	128203	244106	22.10%	1.454%
11	10.785	1217	1225	1237	rBV2	191494	366049	33.14%	2.181%
12	11.173	1283	1291	1305	rVB	278843	523699	47.41%	3.120%
13	11.308	1307	1314	1327	rBV	64881	140679	12.74%	0.838%
14	11.526	1345	1351	1355	rBV6	5380	10913	0.99%	0.065%
15	11.579	1355	1360	1365	rVV7	6861	11934	1.08%	0.071%
16	11.702	1375	1381	1387	rVB5	4580	7685	0.70%	0.046%
17	11.984	1421	1429	1435	rVB5	6782	14492	1.31%	0.086%
18	12.319	1481	1486	1495	rVB7	5353	13403	1.21%	0.080%
19	12.536	1517	1523	1531	rBV4	10860	16861	1.53%	0.100%
20	12.619	1531	1537	1544	rBV5	9679	17743	1.61%	0.106%
21	12.807	1563	1569	1572	rBV3	12324	22011	1.99%	0.131%
22	12.842	1572	1575	1582	rVB5	9777	16980	1.54%	0.101%
23	12.918	1585	1588	1593	rBV5	4636	8834	0.80%	0.053%
24	13.024	1600	1606	1613	rVB3	13403	26369	2.39%	0.157%
25	13.100	1613	1619	1623	rBV5	6139	11467	1.04%	0.068%
26	13.224	1631	1640	1645	rBV7	8056	16624	1.51%	0.099%
27	13.306	1650	1654	1658	rBV5	6841	10382	0.94%	0.062%
28	13.371	1658	1665	1670	rVV8	5716	12054	1.09%	0.072%
29	13.441	1673	1677	1685	rVB9	7714	18750	1.70%	0.112%
30	13.553	1692	1696	1704	rVB9	6782	14016	1.27%	0.084%
31	13.658	1711	1714	1723	rVB8	6153	14285	1.29%	0.085%
32	13.747	1723	1729	1734	rBV4	19810	30630	2.77%	0.182%
33	13.829	1739	1743	1748	rBV5	5203	7484	0.68%	0.045%
34	13.993	1767	1771	1773	rBV4	7235	9164	0.83%	0.055%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

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-BG080217.M
Title : SVOA CALIBRATION

35	14.146	1785	1797	1805	rVB10	15012	52446	4.75%	0.312%
36	14.217	1805	1809	1812	rBV4	6192	8693	0.79%	0.052%
37	14.293	1813	1822	1825	rBV4	36944	78696	7.12%	0.469%
38	14.346	1825	1831	1836	rVV	389991	594648	53.83%	3.543%
39	14.393	1836	1839	1845	rVB	123214	170678	15.45%	1.017%
40	14.516	1854	1860	1862	rBV5	9516	15674	1.42%	0.093%
41	14.651	1872	1883	1895	rVB	378663	657197	59.50%	3.916%
42	14.740	1895	1898	1902	rBV6	10330	15700	1.42%	0.094%
43	14.810	1905	1910	1915	rBV3	22395	32628	2.95%	0.194%
44	14.957	1925	1935	1945	rBV2	441408	778191	70.45%	4.636%
45	15.086	1951	1957	1962	rBV	56337	87236	7.90%	0.520%
46	15.151	1962	1968	1979	rVB2	109913	216548	19.60%	1.290%
47	15.345	1997	2001	2009	rVB10	22330	53161	4.81%	0.317%
48	15.421	2009	2014	2018	rBV6	14008	25168	2.28%	0.150%
49	15.568	2033	2039	2044	rBV10	14548	32673	2.96%	0.195%
50	15.621	2044	2048	2052	rVV7	9401	15738	1.42%	0.094%
51	15.721	2057	2065	2068	rBV10	20853	58556	5.30%	0.349%
52	15.756	2068	2071	2076	rVB2	27773	43434	3.93%	0.259%
53	15.874	2086	2091	2097	rBV	75295	114831	10.40%	0.684%
54	15.944	2097	2103	2110	rBV	498669	791665	71.67%	4.717%
55	16.056	2116	2122	2135	rVB	182001	313378	28.37%	1.867%
56	16.161	2135	2140	2142	rBV5	14800	26642	2.41%	0.159%
57	16.373	2171	2176	2183	rBV4	23152	48493	4.39%	0.289%
58	16.432	2184	2186	2194	rVB4	16387	33545	3.04%	0.200%
59	16.620	2213	2218	2223	rBV3	43065	64171	5.81%	0.382%
60	16.843	2253	2256	2259	rBV5	14248	21822	1.98%	0.130%
61	16.978	2273	2279	2287	rBV6	43180	112137	10.15%	0.668%
62	17.231	2315	2322	2331	rBV8	20636	70549	6.39%	0.420%
63	17.366	2342	2345	2350	rVB7	21440	30983	2.80%	0.185%
64	17.419	2350	2354	2361	rBV4	52147	93021	8.42%	0.554%
65	17.542	2371	2375	2384	rVB3	24055	49802	4.51%	0.297%
66	17.636	2388	2391	2395	rBV5	13209	13818	1.25%	0.082%
67	17.707	2395	2403	2414	rVV2	565538	964415	87.31%	5.746%
68	17.807	2414	2420	2429	rVB2	532811	880466	79.71%	5.246%
69	18.112	2469	2472	2476	rBV6	17575	24295	2.20%	0.145%
70	18.153	2476	2479	2484	rVV	43761	54402	4.93%	0.324%
71	18.335	2507	2510	2513	rBV5	13990	13357	1.21%	0.080%

LSC Area Percent Report

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Operator : SJ/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : C0AB6

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

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	18.559	2542	2548	2557	rBV3	117005	243567	22.05%	1.451%
73	18.706	2569	2573	2578	rVB8	17900	28883	2.61%	0.172%
74	18.758	2579	2582	2587	rBV7	14860	31890	2.89%	0.190%
75	18.800	2587	2589	2592	rVV4	17256	21797	1.97%	0.130%
76	18.841	2593	2596	2601	rVB	50518	59247	5.36%	0.353%
77	19.463	2698	2702	2709	rVB3	64229	91999	8.33%	0.548%
78	19.816	2757	2762	2772	rVB2	100431	173209	15.68%	1.032%
79	20.004	2791	2794	2797	rBV3	92623	112167	10.15%	0.668%
80	20.080	2801	2807	2817	rVB	653685	1031508	93.38%	6.146%
81	20.562	2882	2889	2898	rVB3	47038	96133	8.70%	0.573%
82	21.050	2967	2972	2974	rBV2	70420	97933	8.87%	0.583%
83	21.608	3062	3067	3077	rVB	88413	153713	13.92%	0.916%
84	21.773	3092	3095	3107	rVB9	48953	86685	7.85%	0.516%
85	22.037	3132	3140	3149	rBV	587624	1015166	91.91%	6.048%
86	22.166	3158	3162	3170	rVB5	64572	112522	10.19%	0.670%
87	22.243	3171	3175	3182	rVB3	34946	59423	5.38%	0.354%
88	22.842	3272	3277	3285	rBV2	59069	115479	10.45%	0.688%
89	22.942	3290	3294	3300	rVB2	31633	57405	5.20%	0.342%
90	23.735	3427	3429	3436	rVB	22525	37805	3.42%	0.225%
91	23.805	3436	3441	3449	rVB4	28740	57335	5.19%	0.342%
92	24.463	3545	3553	3563	rVB3	135572	328461	29.74%	1.957%
93	25.298	3684	3695	3707	rBV3	298001	908617	82.26%	5.413%
94	25.539	3720	3736	3754	rVB2	322425	1104580	100.00%	6.581%
95	26.191	3840	3847	3858	rVB2	34351	112885	10.22%	0.673%
96	26.720	3931	3937	3946	rVB2	45145	128084	11.60%	0.763%
97	26.849	3950	3959	3969	rVB2	58512	203539	18.43%	1.213%
98	28.189	4179	4187	4205	rVB5	37646	140680	12.74%	0.838%
99	29.981	4480	4492	4507	rVB7	28790	121800	11.03%	0.726%
100	31.303	4708	4717	4719	rBV10	22278	50536	4.58%	0.301%

Sum of corrected areas: 16784300

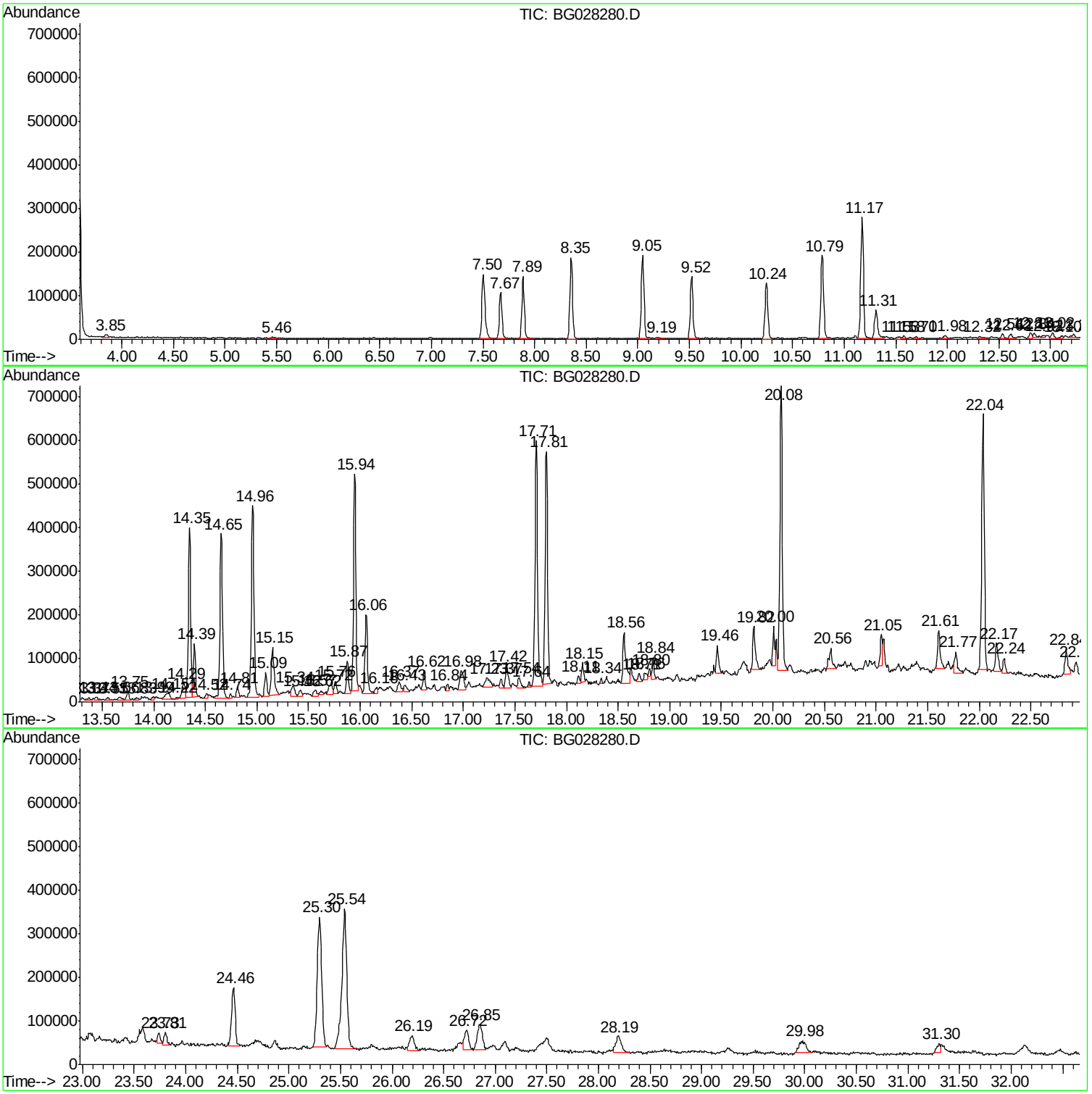
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028280.D
Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
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Acq On : 11 Aug 2017 5:14
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

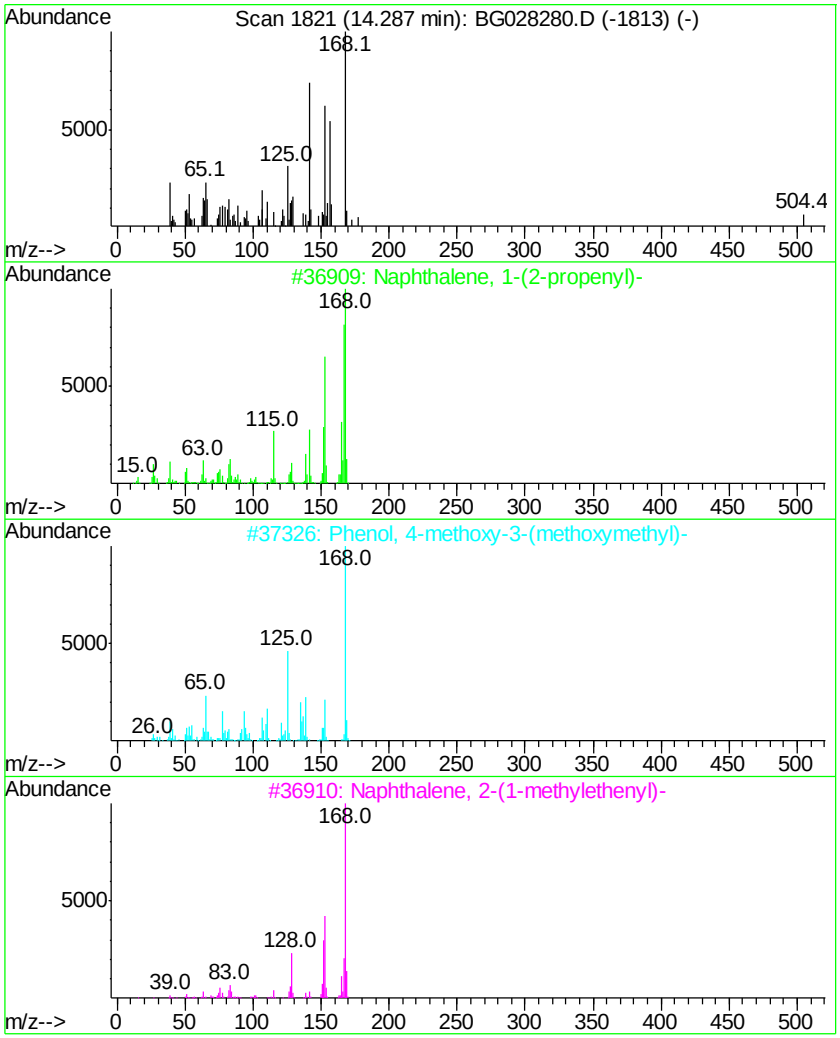
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

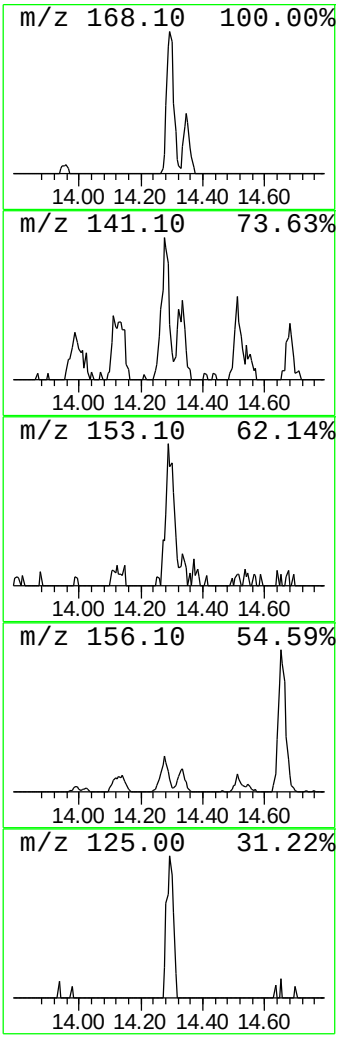
****

Peak Number 1 Naphthalene, 1-(2-propenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.02 ng/ul	78696	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
2	Phenol, 4-methoxy-3-(methoxymeth...	168	C9H12O3	059907-65-2	47
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43
4	Benzenamine, 2-methoxy-5-nitro-	168	C7H8N2O3	000099-59-2	43
5	2,3-Dimethoxybenzyl alcohol	168	C9H12O3	005653-67-8	43





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028280.D
Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

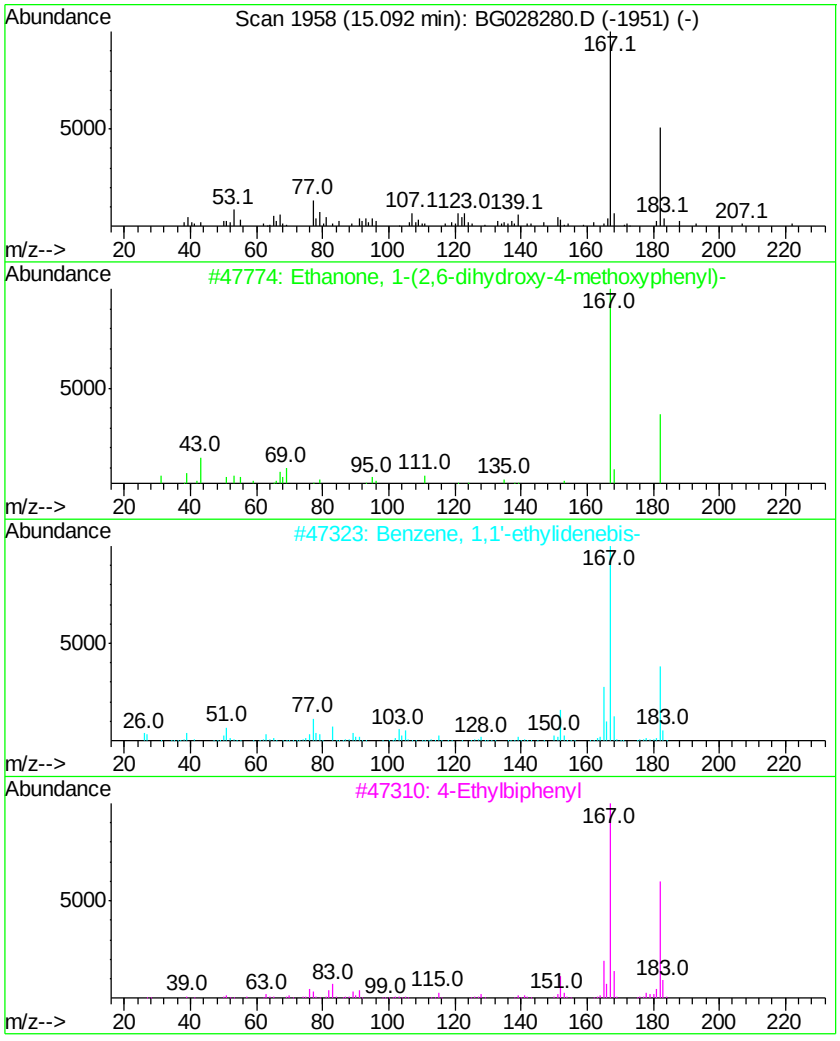
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

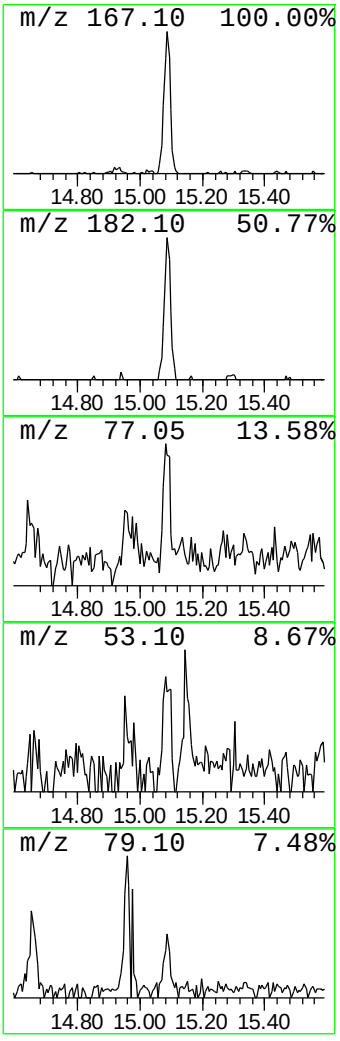
****

Peak Number 2 Ethanone, 1-(2,6-dihydroxy-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.24 ng/ul	87236	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,6-dihydroxy-4-met...	182	C9H10O4	007507-89-3	64
2	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	64
3	4-Ethylbiphenyl	182	C14H14	005707-44-8	50
4	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	50
5	Phenol, 3-[(trimethylsilyl)oxy]-	182	C9H14O2Si	017882-01-8	50





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
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Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

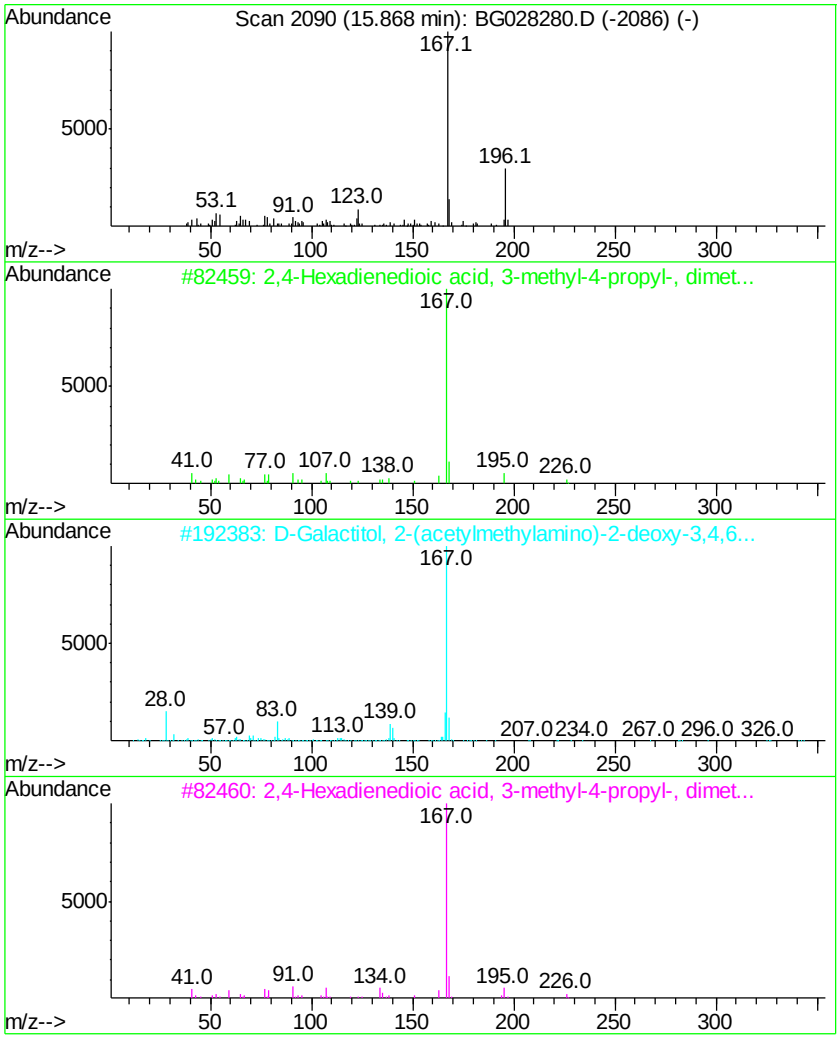
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

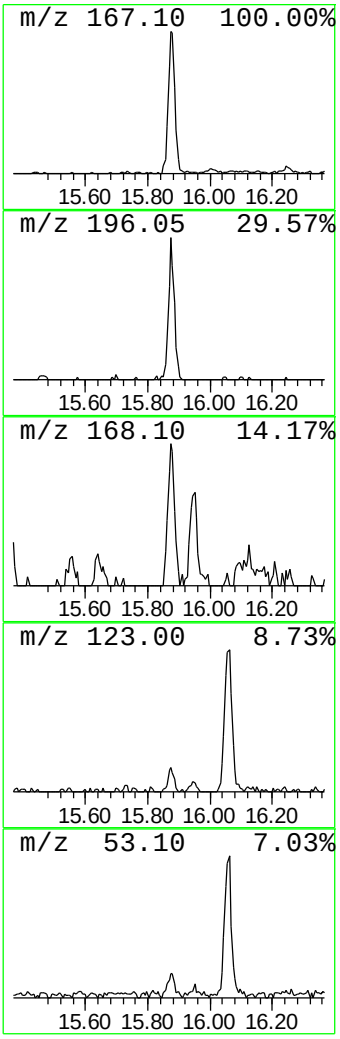
****

Peak Number 3 2,4-Hexadienedioic acid, 3-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.95 ng/ul	114831	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadienedioic acid, 3-methy...	226	C12H18O4	058367-44-5	53
2	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	50
3	2,4-Hexadienedioic acid, 3-methy...	226	C12H18O4	069796-13-0	45
4	2,4-Hexadienedioic acid, 3,4-die...	226	C12H18O4	031545-75-2	45
5	2,4-Hexadienedioic acid, 3,4-die...	226	C12H18O4	031447-54-8	42





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

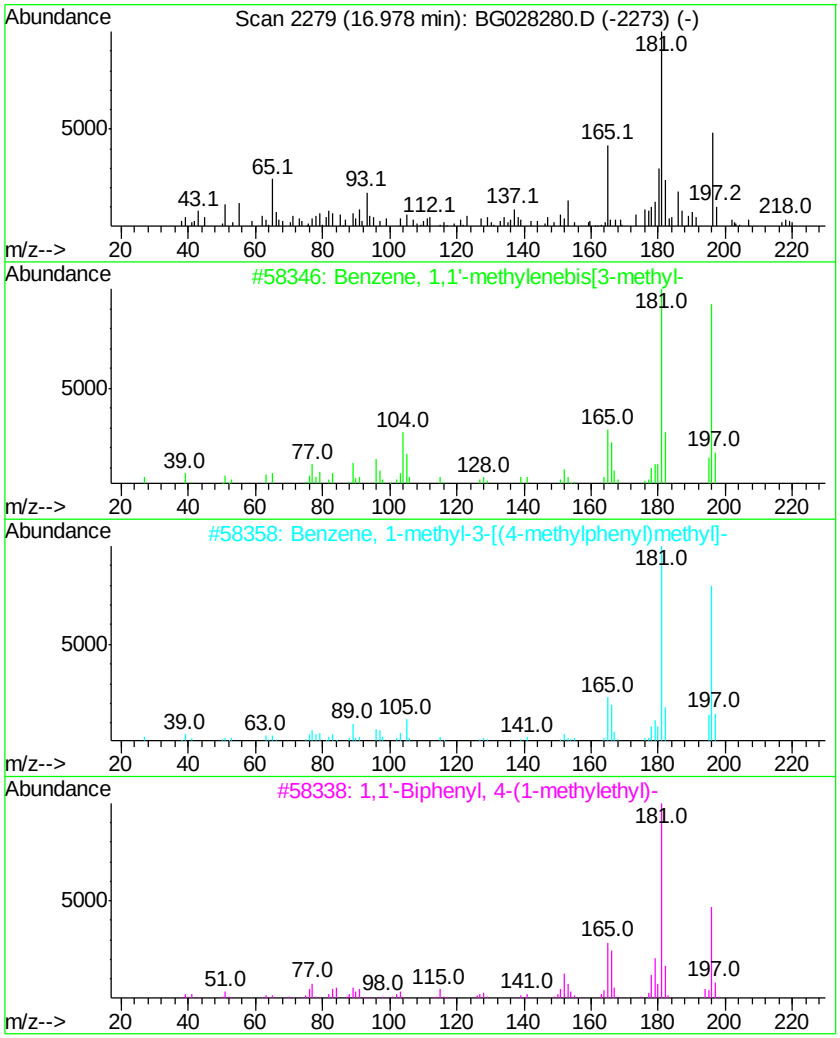
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

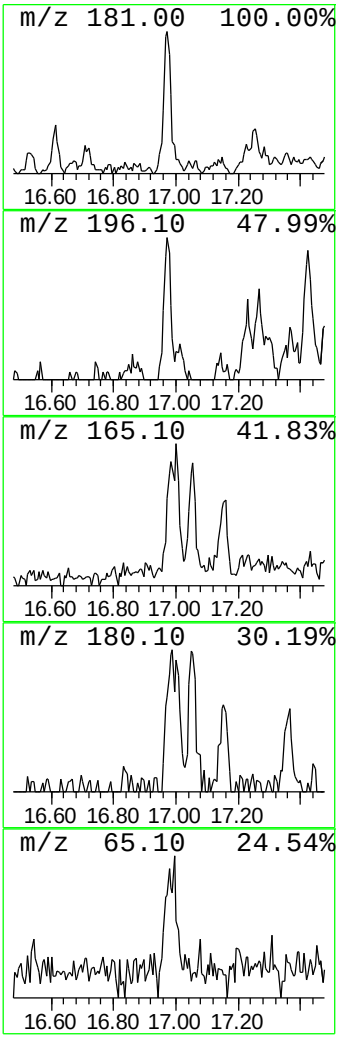
****

Peak Number 4 Benzene, 1,1'-methylenebis[... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	2.33 ng/ul	112137	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	87
2	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	80
3	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	64
4	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	64
5	Xanthoxylin	196	C10H12O4	000090-24-4	49





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028280.D
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Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

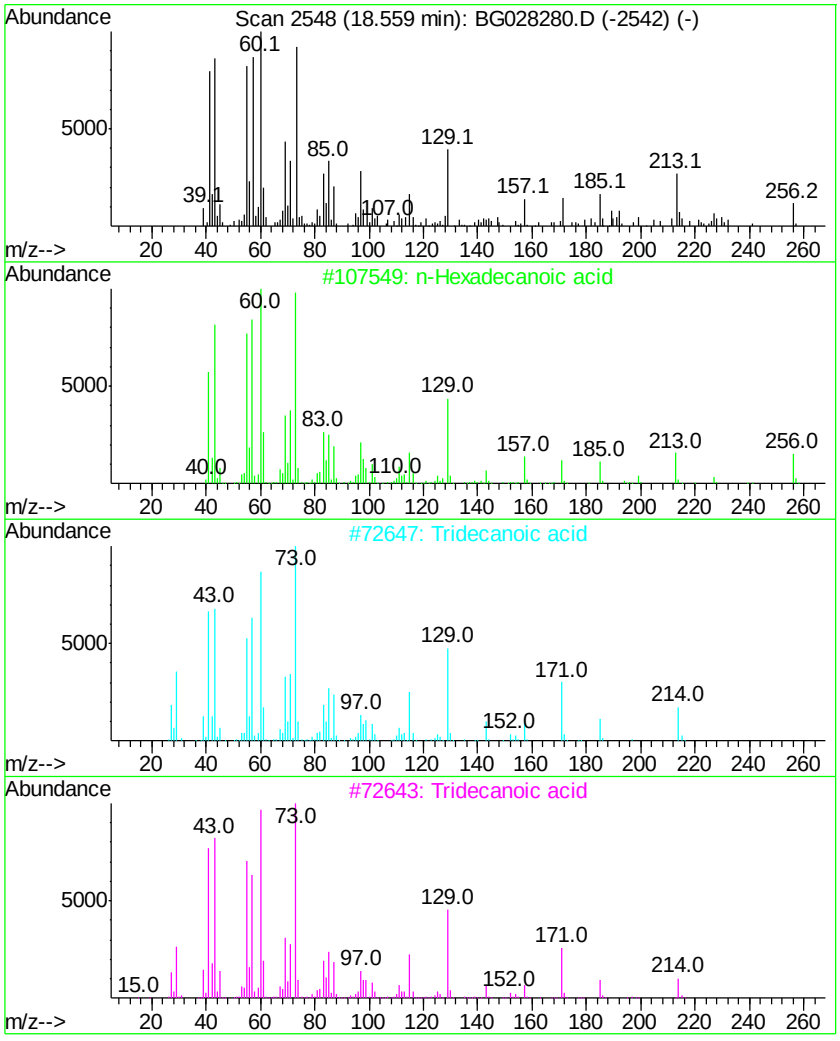
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

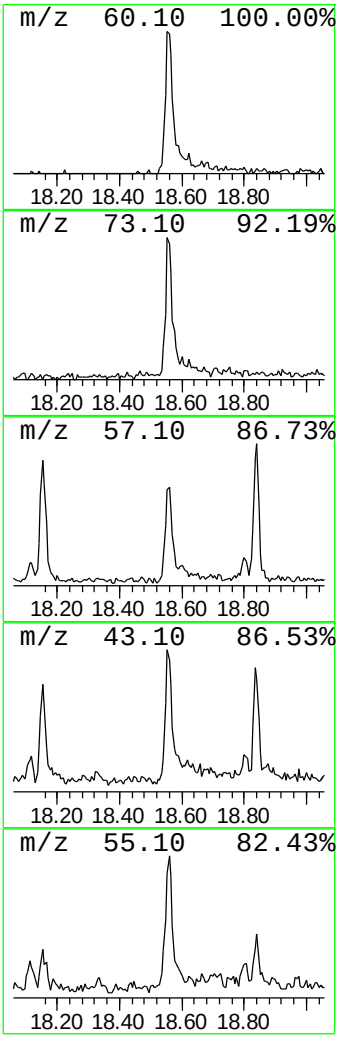
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	5.05 ng/ul	243567	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





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Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

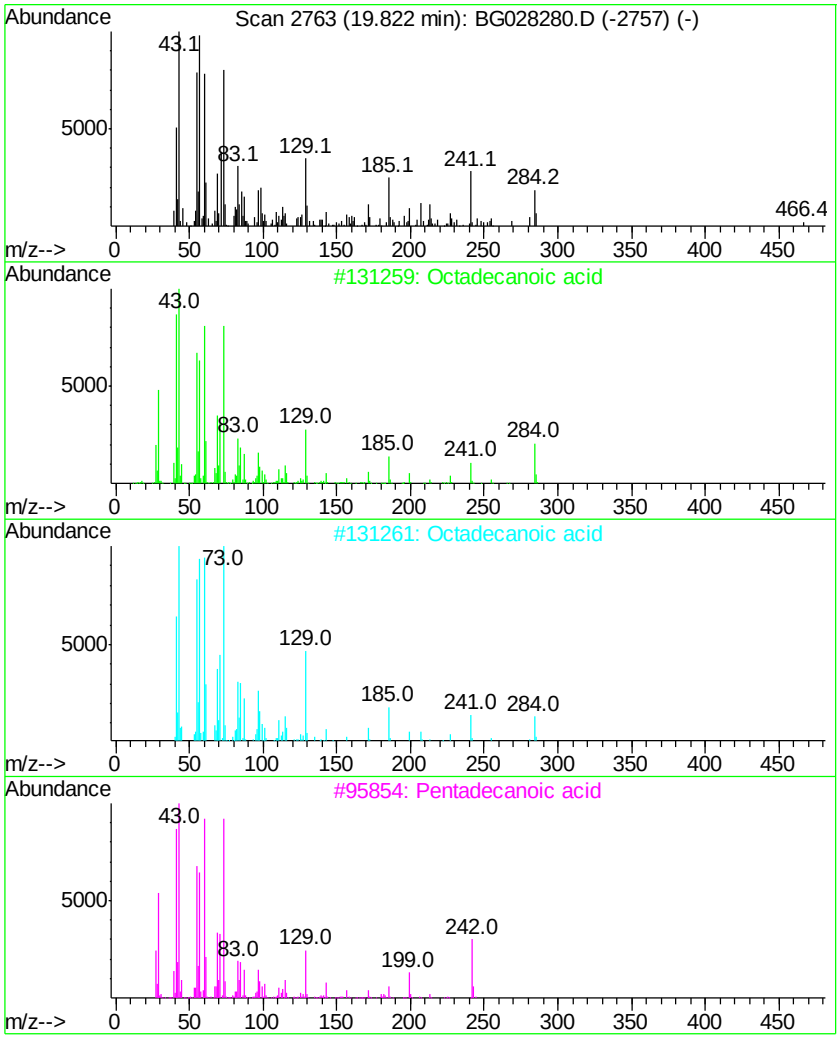
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

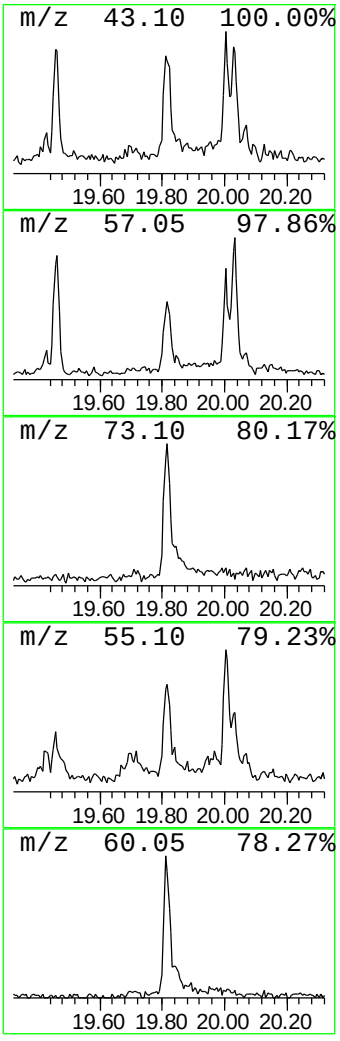
****

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	3.59 ng/ul	173209	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





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Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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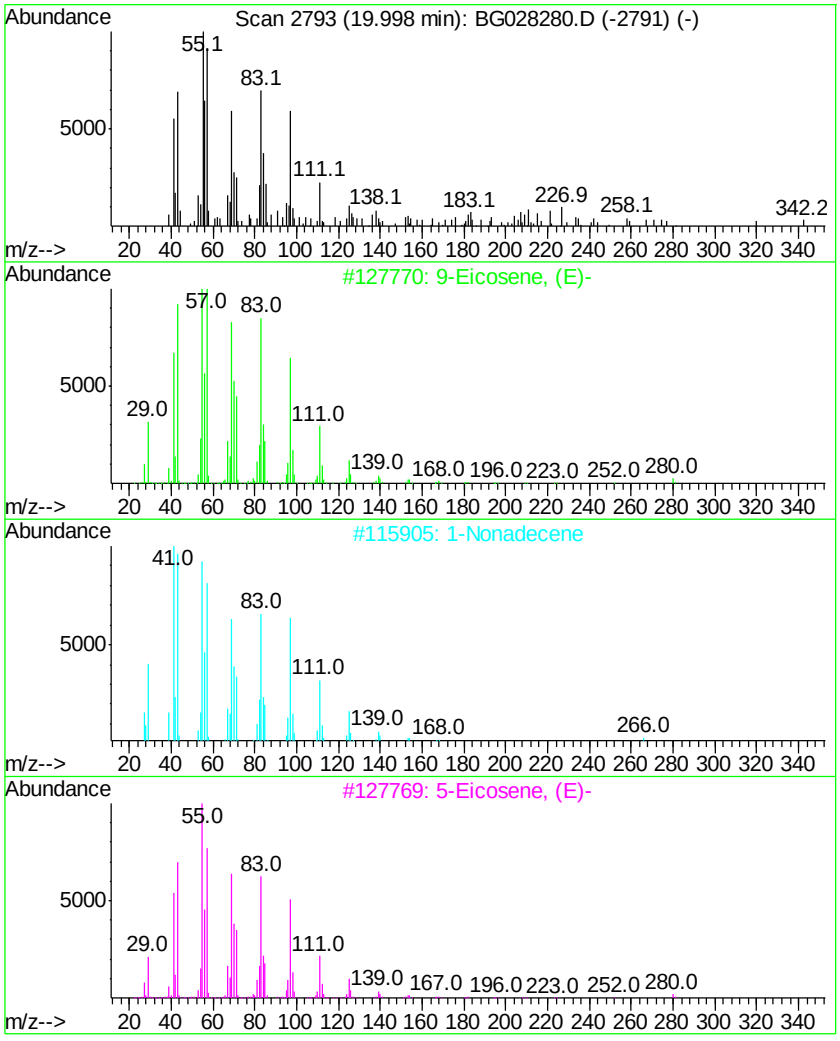
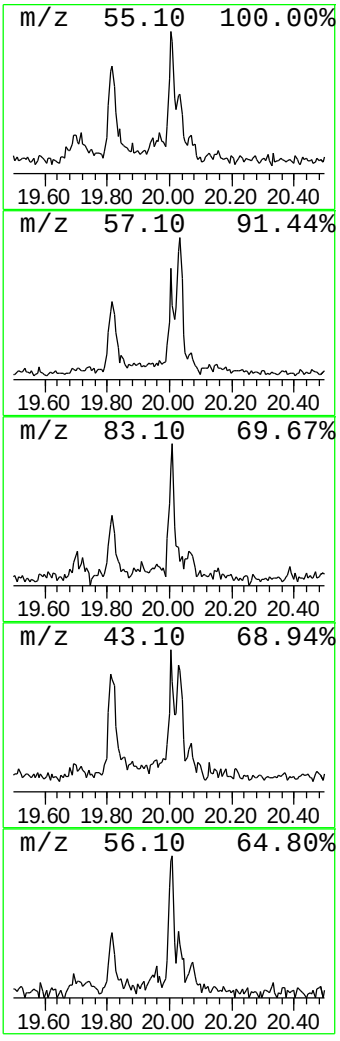
Peak Number 7 (DEL) Alkane: Cyclic20.00 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.21 ng/ul	112167	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	89
4	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	89
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87





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Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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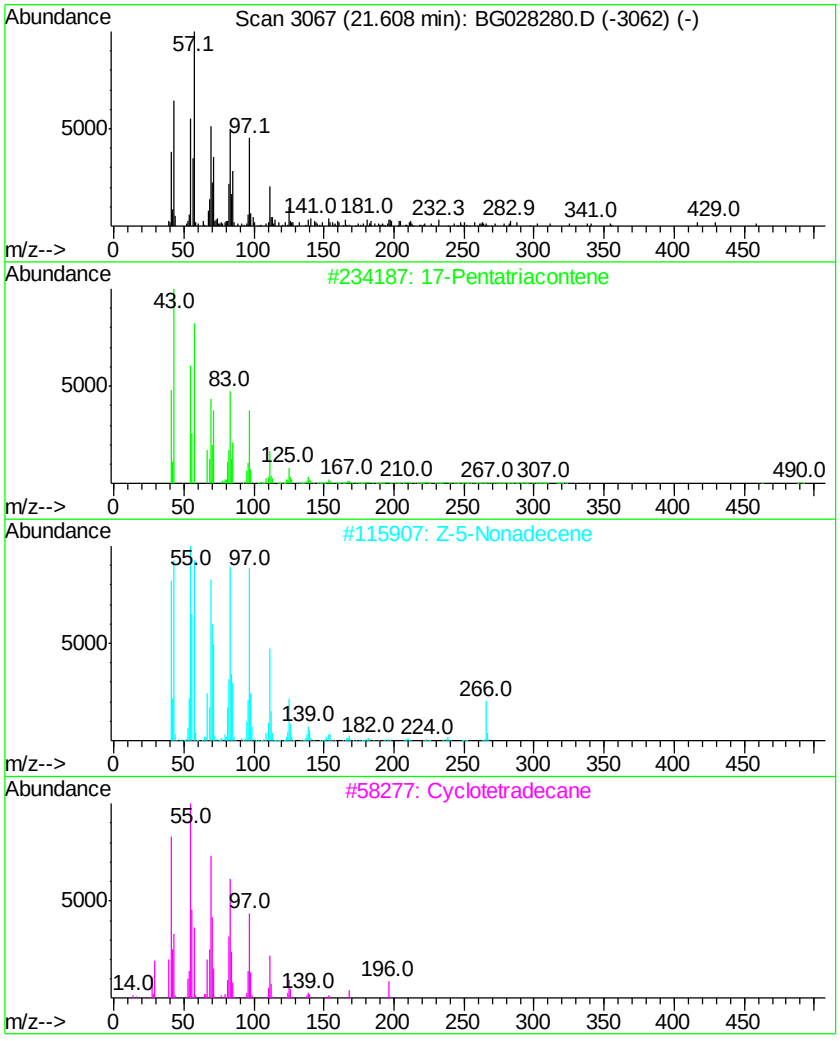
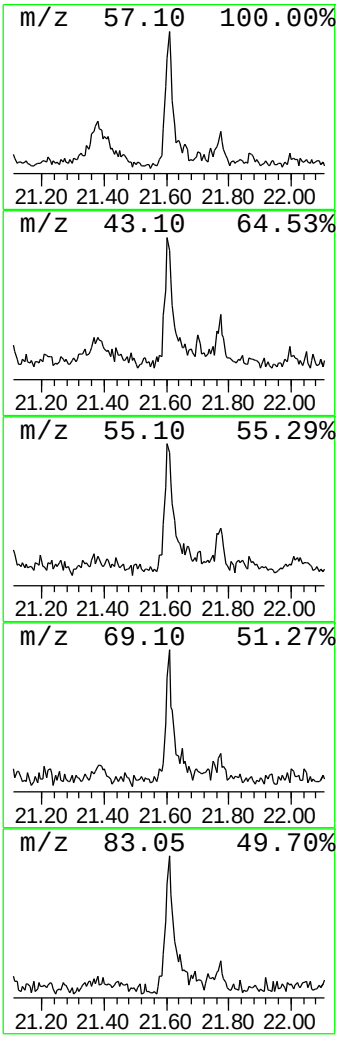
Peak Number 8 (DEL) Alkane: Cyclic21.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	3.03 ng/ul	153713	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	87
3	Cyclotetradecane	196	C14H28	000295-17-0	53
4	Cyclohexadecane	224	C16H32	000295-65-8	52
5	Cyclotetradecane	196	C14H28	000295-17-0	50





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Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

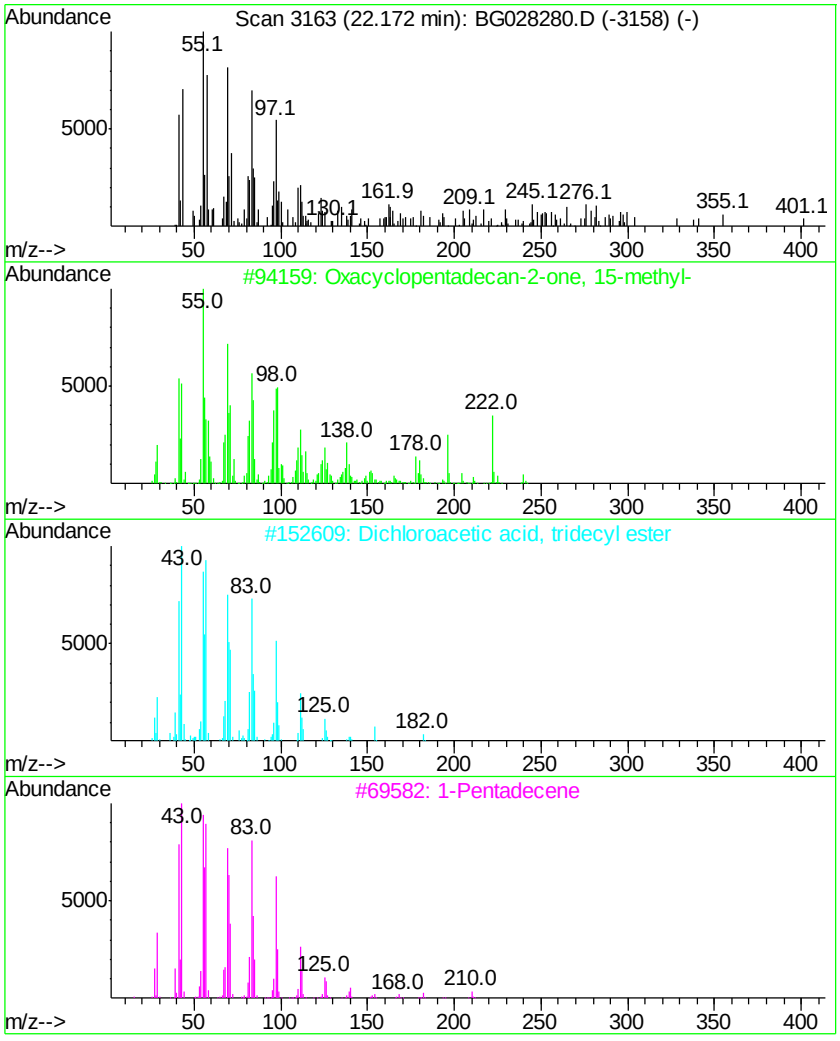
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

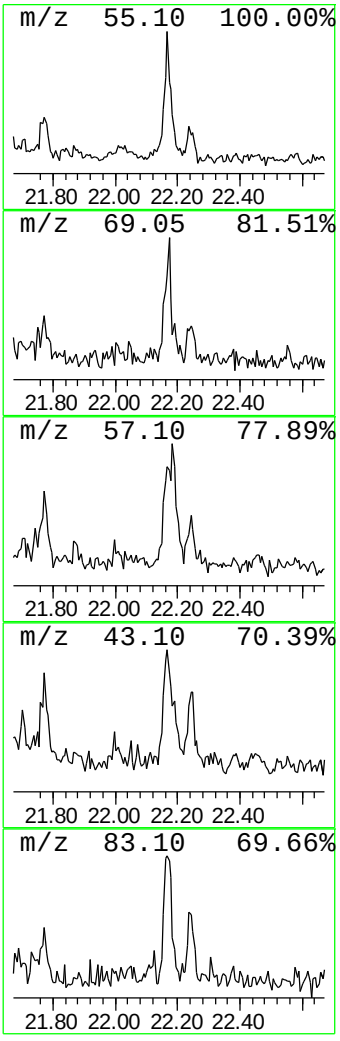
****

Peak Number 9 Oxacyclopentadecan-2-one, 1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	2.22 ng/ul	112522	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxacyclopentadecan-2-one, 15-met...	240	C15H28O2	032539-85-8	62
2	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	62
3	1-Pentadecene	210	C15H30	013360-61-7	58
4	Cetene	224	C16H32	000629-73-2	58
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	58





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Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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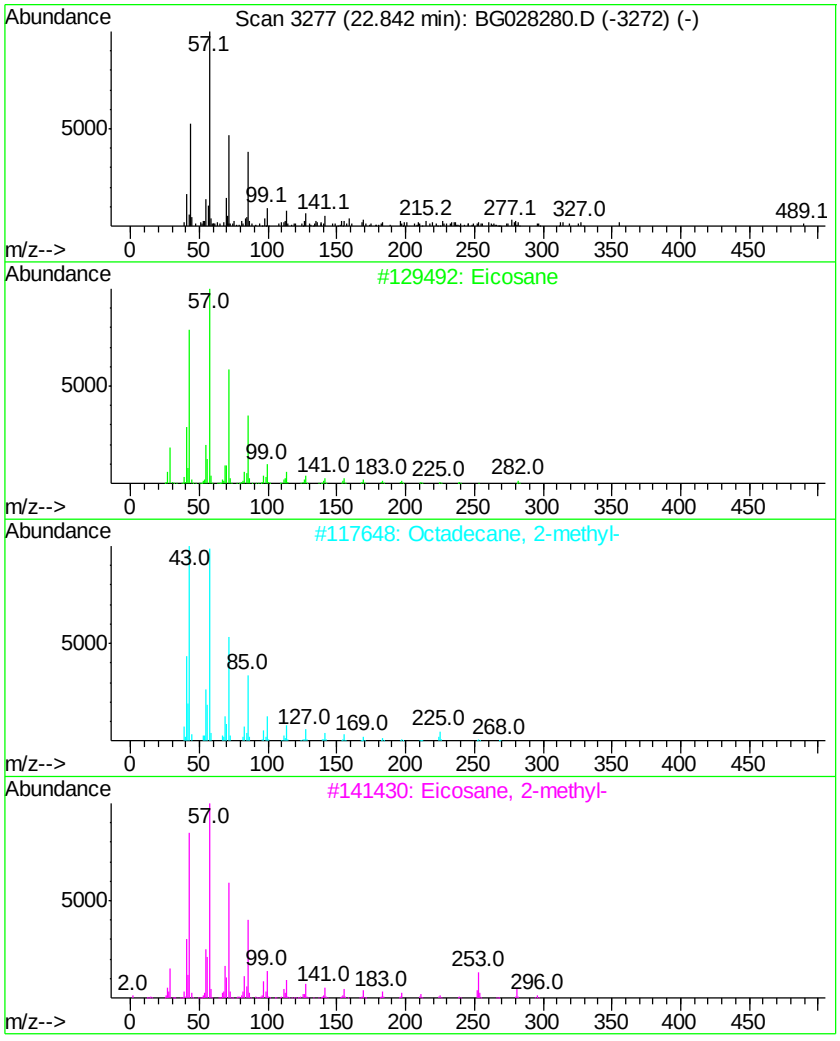
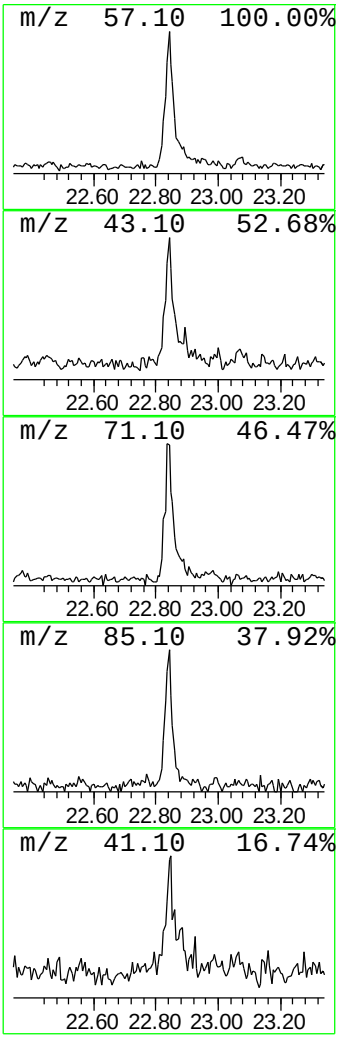
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.28 ng/ul	115479	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Docosane	310	C22H46	000629-97-0	80





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Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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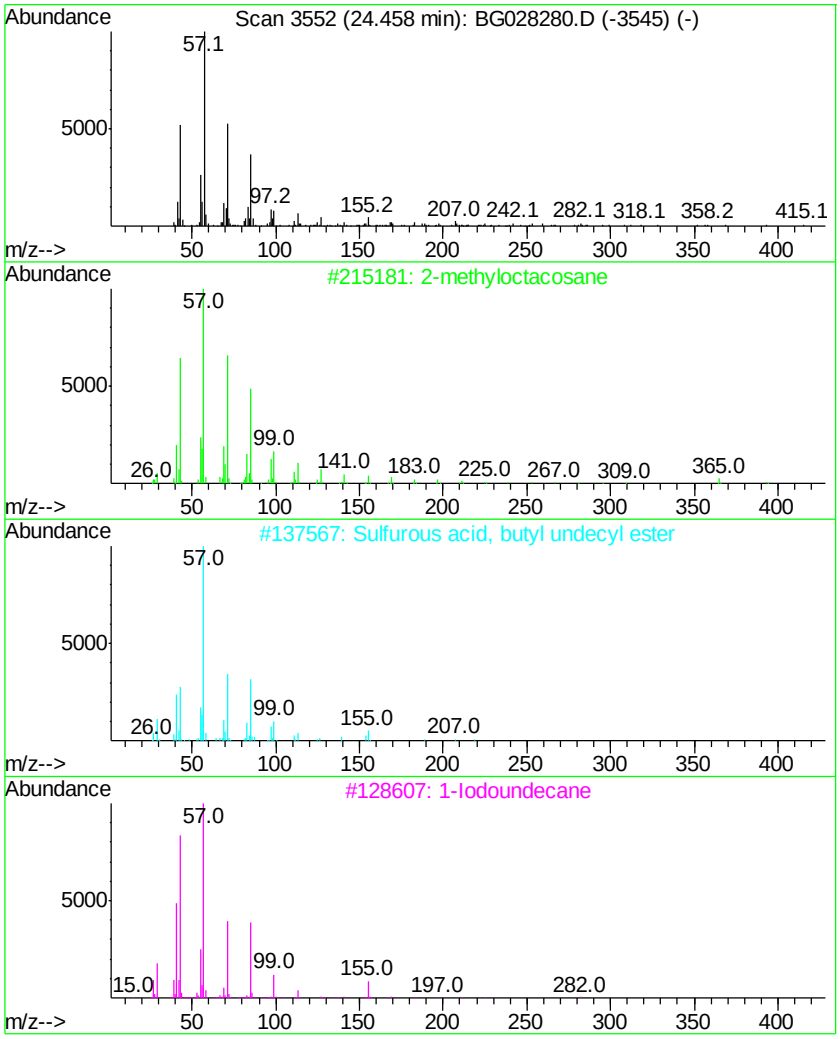
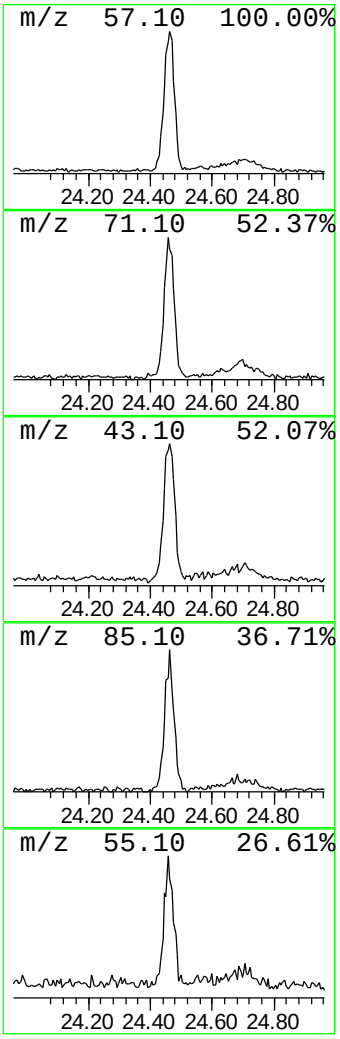
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	5.95 ng/ul	328461	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	86
2	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	86
3	1-Iodoundecane	282	C11H23I	004282-44-4	81
4	Heneicosane	296	C21H44	000629-94-7	80
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	72





Library Search Compound Report

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Data File : BG028280.D
Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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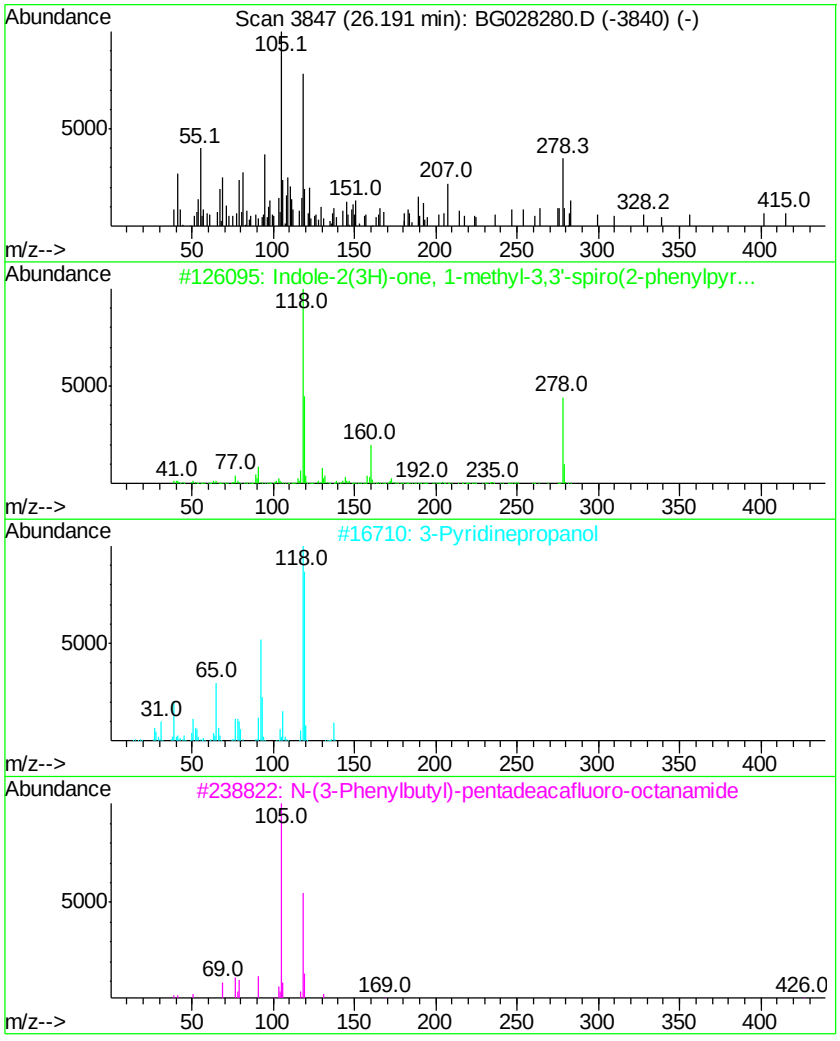
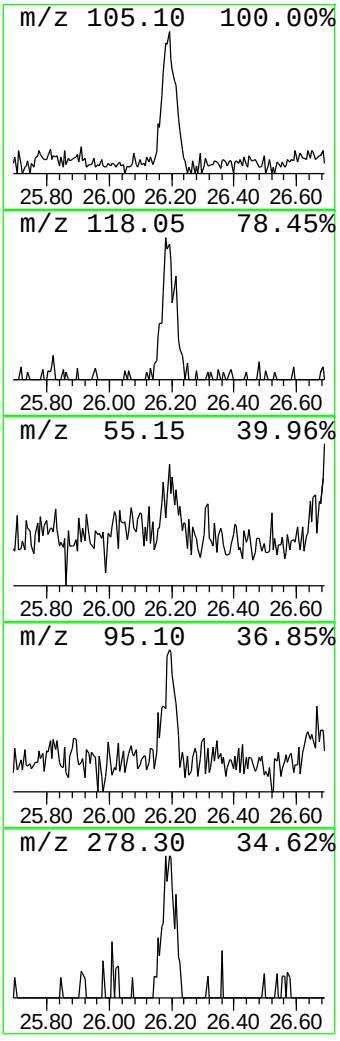
Peak Number 12 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.19	2.04 ng/ul	112885	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole-2(3H)-one, 1-methyl-3,3'-...	278	C18H18N2O	132962-61-9	38
2	3-Pyridinepropanol	137	C8H11NO	002859-67-8	35
3	N-(3-Phenylbutyl)-pentadeacafluo...	545	C18H14F15NO	077970-71-9	35
4	Oxazolidine, 2-phenyl-	149	C9H11NO	003394-32-9	35
5	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	35





Library Search Compound Report

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Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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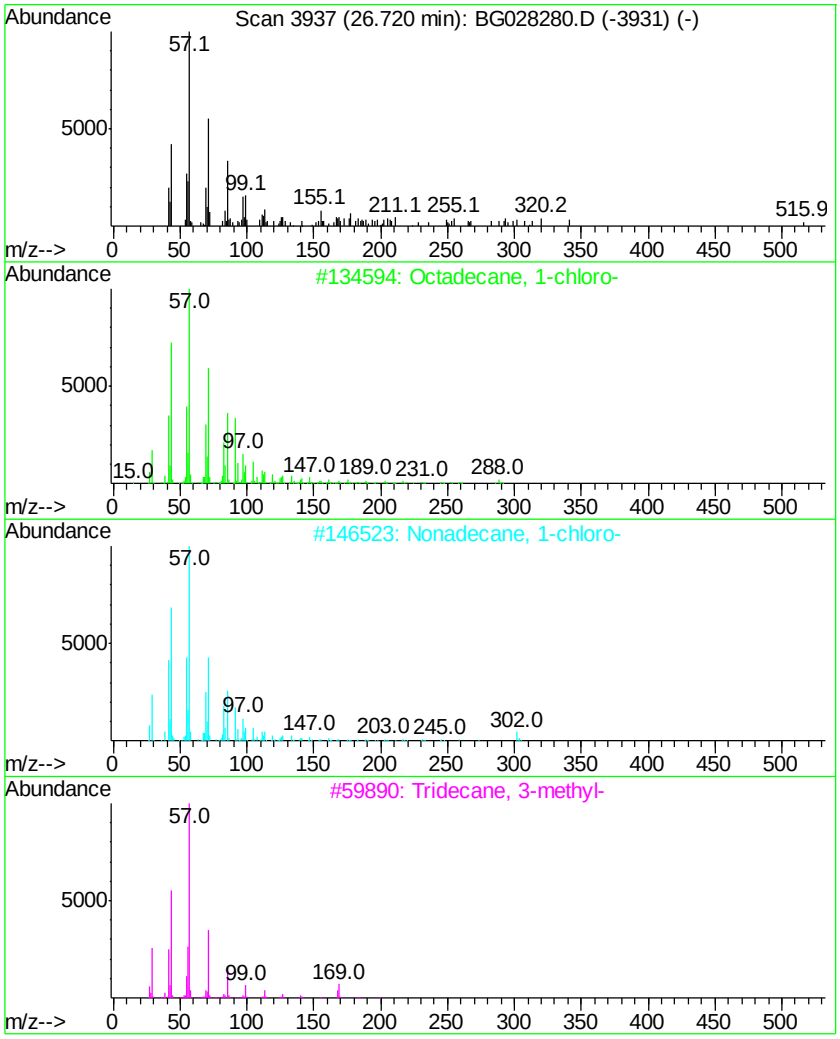
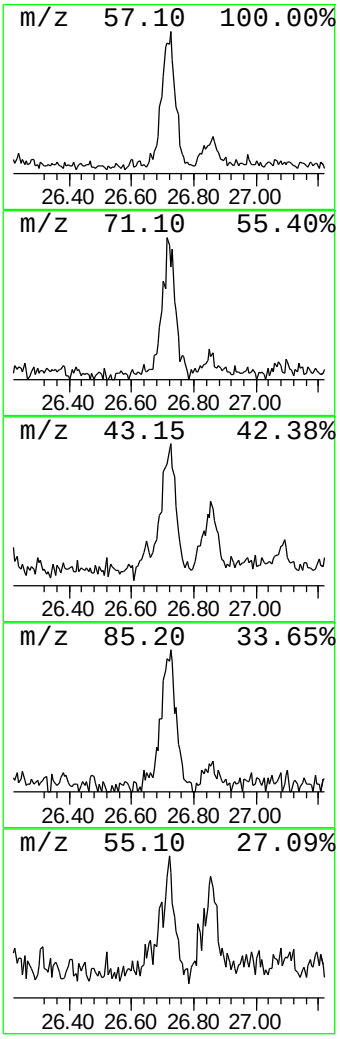
Peak Number 13 Octadecane, 1-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	2.32 ng/ul	128084	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	81
2	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	80
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	64
5	Tritetracontane	605	C43H88	007098-21-7	64





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Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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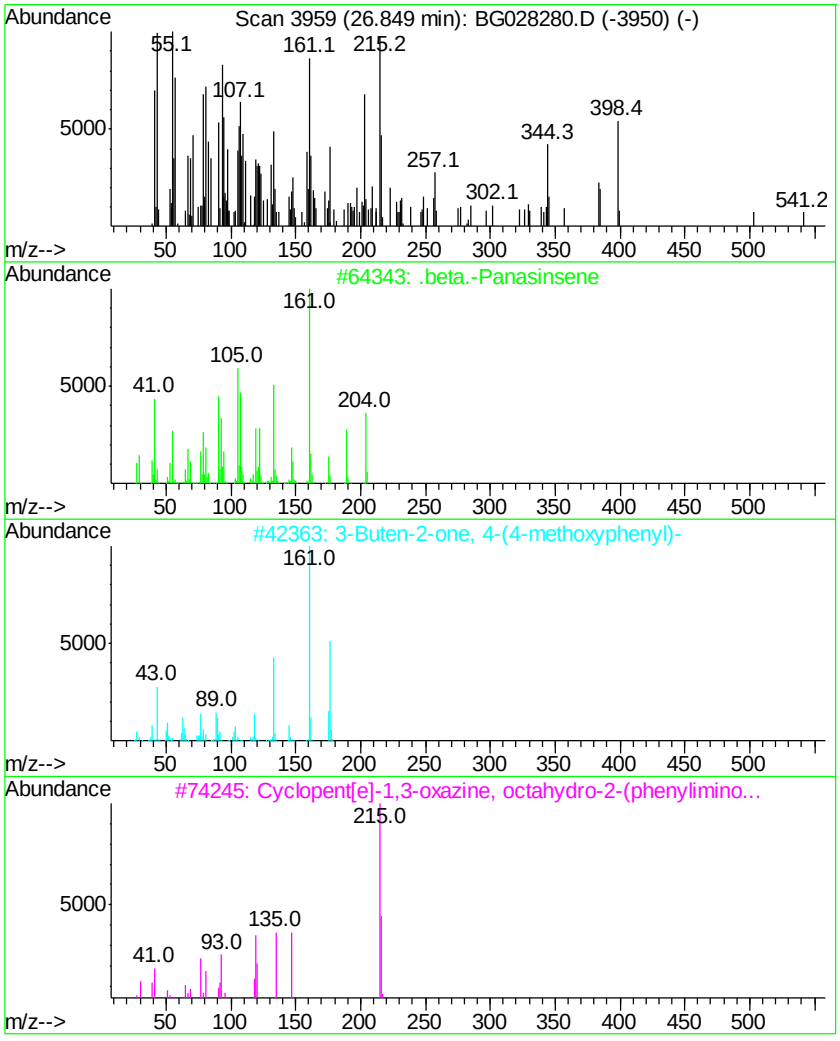
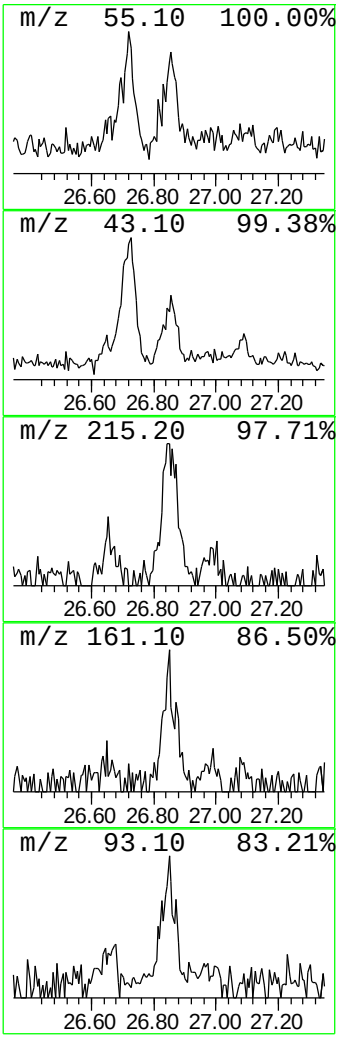
Peak Number 14 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.85	3.69 ng/ul	203539	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Panasinsene	204	C15H24	1000159-39-0	25
2	3-Buten-2-one, 4-(4-methoxyphenyl)-	176	C11H12O2	000943-88-4	25
3	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	14
4	5.beta.-Pregnane-3.alpha.,20.alp...	512	C25H34F6O4	1000352-38-8	11
5	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	11





Library Search Compound Report

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Data File : BG028280.D
Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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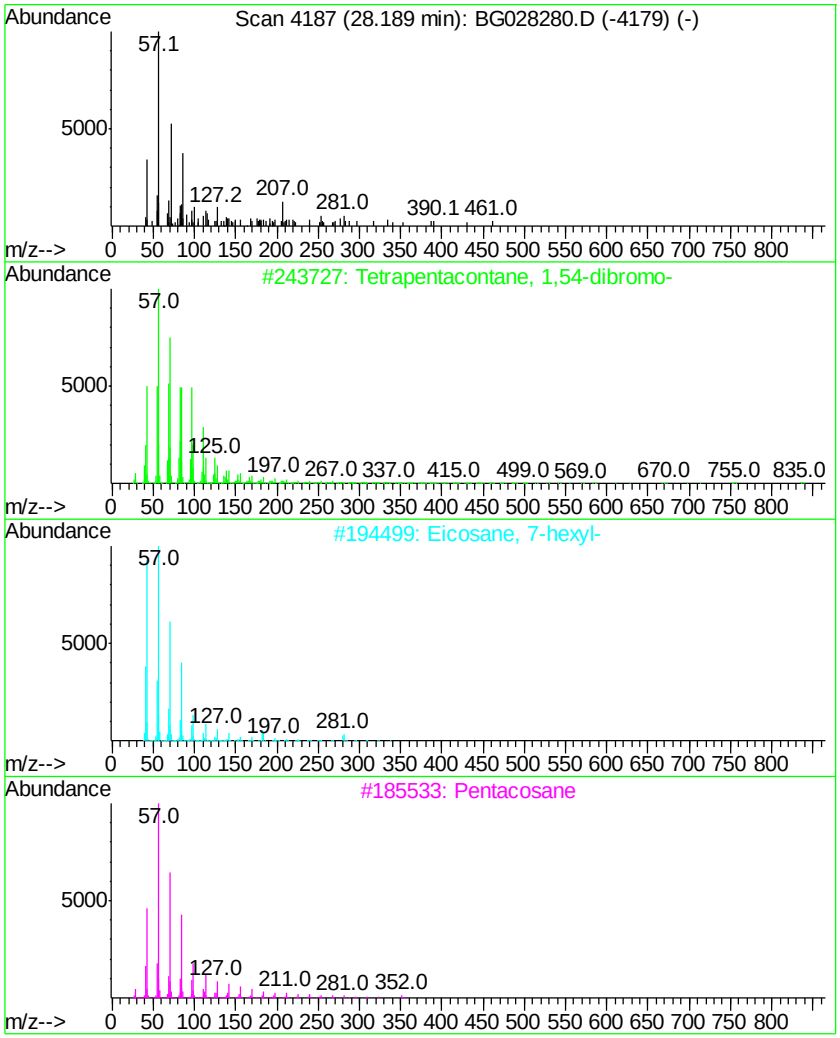
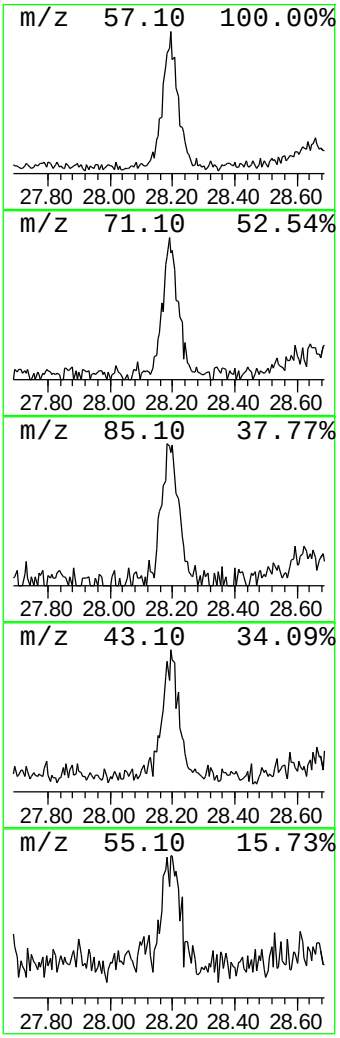
Peak Number 15 Tetrapentacontane, 1,54-dib... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	2.55 ng/ul	140680	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	64
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	64
3	Pentacosane	352	C25H52	000629-99-2	64
4	Nonadecane	268	C19H40	000629-92-5	62
5	Hentriacontane	437	C31H64	000630-04-6	62





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Data File : BG028280.D
Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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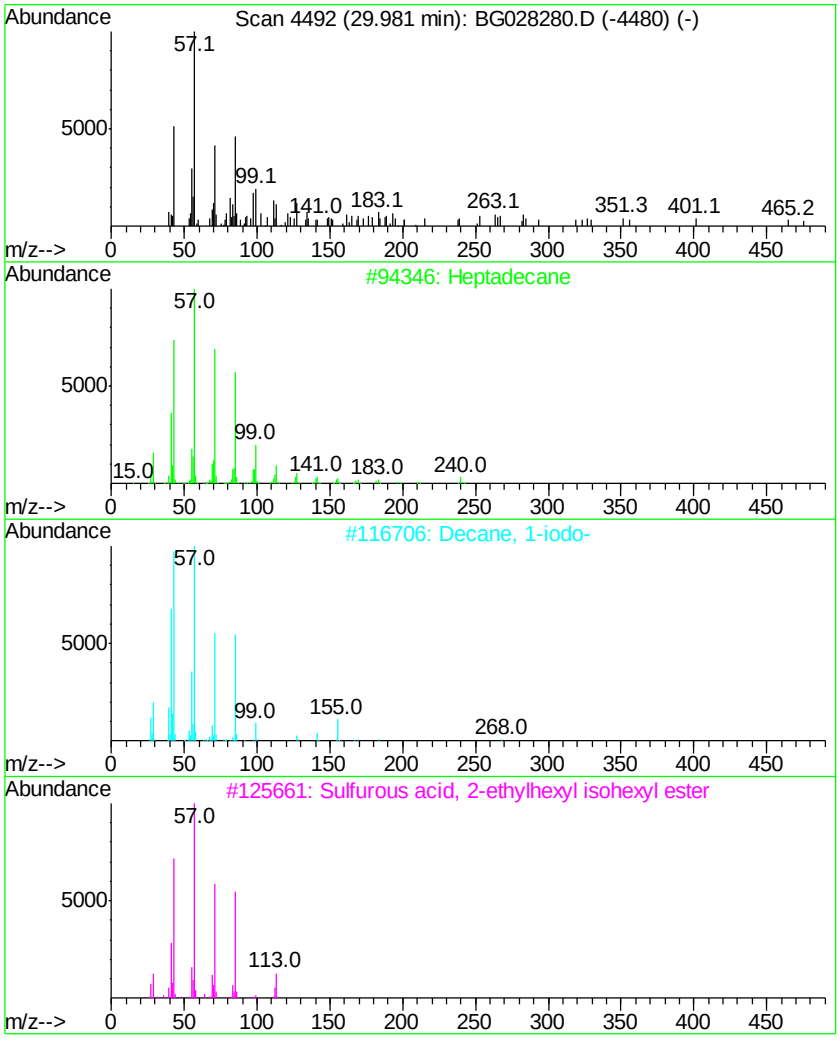
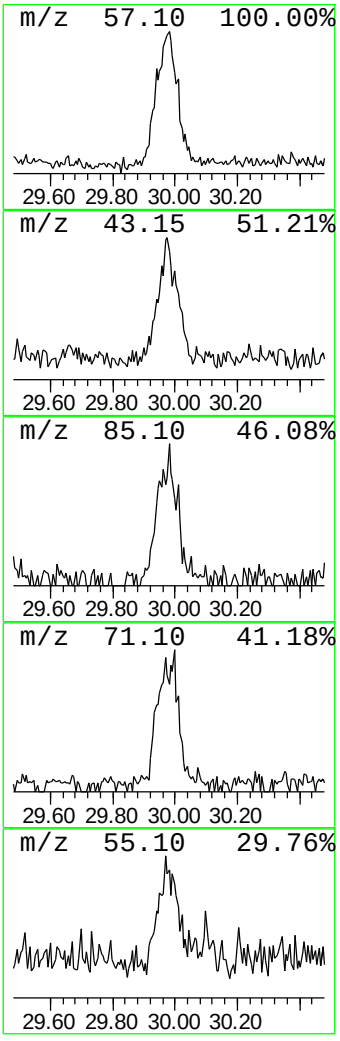
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.98	2.21 ng/ul	121800	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	53
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	50
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47
4	Tetracosane	338	C24H50	000646-31-1	47
5	Eicosane	282	C20H42	000112-95-8	43





Tentatively Identified Compound (LSC) summary

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Data File : BG028280.D
Acq On : 11 Aug 2017 5:14
Operator : SJ/JU
Sample : I4504-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
Naphthalene, 1-(2...	14.29	2.0	ng/ul	78696	3	14.96	778191	20.0
Ethanone, 1-(2,6-...	15.09	2.2	ng/ul	87236	3	14.96	778191	20.0
2,4-Hexadienedioi...	15.87	3.0	ng/ul	114831	3	14.96	778191	20.0
Benzene, 1,1'-met...	16.98	2.3	ng/ul	112137	4	17.71	964415	20.0
n-Hexadecanoic acid	18.56	5.0	ng/ul	243567	4	17.71	964415	20.0
Octadecanoic acid	19.82	3.6	ng/ul	173209	4	17.71	964415	20.0
(DEL) Alkane: Cyc...	20.00	2.2	ng/ul	112167	5	22.04	1015170	20.0
(DEL) Alkane: Cyc...	21.61	3.0	ng/ul	153713	5	22.04	1015170	20.0
Oxacyclopentadeca...	22.17	2.2	ng/ul	112522	5	22.04	1015170	20.0
(DEL) Alkane: Str...	22.84	2.3	ng/ul	115479	5	22.04	1015170	20.0
(DEL) Alkane: Str...	24.46	6.0	ng/ul	328461	6	25.54	1104580	20.0
unknown-01	26.19	2.0	ng/ul	112885	6	25.54	1104580	20.0
Octadecane, 1-chl...	26.72	2.3	ng/ul	128084	6	25.54	1104580	20.0
unknown-02	26.85	3.7	ng/ul	203539	6	25.54	1104580	20.0
Tetrapentacontane...	28.19	2.5	ng/ul	140680	6	25.54	1104580	20.0
(DEL) Alkane: Str...	29.98	2.2	ng/ul	121800	6	25.54	1104580	20.0