LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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	7.508	659	667	684	rVB	177523	374912	18.79%	0.809%
2	7.673	687	695	703	rBV	125644	211430	10.60%	0.456%
3	7.896	725	733	739	rBV	165288	305857	15.33%	0.660%
4	8.360	797	812	824	rVB	223600	408981	20.50%	0.883%
5	9.053	923	930	939	rVV2	222696	410610	20.58%	0.886%
6	9.523	1003	1010	1021	rVB2	172003	405687	20.33%	0.876%
7	10.246	1121	1133	1142	rBV	155636	320773	16.08%	0.692%
8	10.593	1181	1192	1203	rBV10	45969	189072	9.48%	0.408%
9	10.792	1220	1226	1234	rVV	233609	434338	21.77%	0.937%
10	11.110	1271	1280	1284	rBV2	91502	145832	7.31%	0.315%
11	11.180	1284	1292	1297	rVV	317424	591111	29.62%	1.276%
12	11.227	1297	1300	1306	rVB	61908	97118	4.87%	0.210%
13	11.539	1346	1353	1356	rBV4	59086	121554	6.09%	0.262%
14	11.580	1356	1360	1367	rVV	88438	181064	9.07%	0.391%
15	11.979	1423	1428	1435	rVV3	53030	92631	4.64%	0.200%
16	12.203	1458	1466	1472	rBV6	34567	94550	4.74%	0.204%
17	12.308	1479	1484	1491	rBV6	32708	81210	4.07%	0.175%
18	12.479	1509	1513	1517	rVB4	39482	69092	3.46%	0.149%
19	12.538	1517	1523	1528	rBV	212911	334146	16.75%	0.721%
20	12.620	1529	1537	1542	rBV3	34221	79367	3.98%	0.171%
21	12.690	1544	1549	1559	rVB4	47291	133794	6.71%	0.289%
22	12.808	1563	1569	1573	rBV	219263	372829	18.69%	0.805%
23	12.849	1573	1576	1580	rVB	107586	152864	7.66%	0.330%
24	13.025	1601	1606	1614	rVB2	178682	302159	15.14%	0.652%
25	13.113	1614	1621	1625	rBV2	93958	182904	9.17%	0.395%
26	13.225	1632	1640	1650	rVB7	77982	206899	10.37%	0.447%
27	13.378	1661	1666	1670	rBV6	48122	87603	4.39%	0.189%
28	13.454	1676	1679	1685	rVB5	51313	92407	4.63%	0.199%
29	13.566	1693	1698	1706	rVB8	42685	107632	5.39%	0.232%
30	13.671	1710	1716	1723	rBV5	100576	241342	12.10%	0.521%
31	13.754	1724	1730	1735	rVB2	353558	518432	25.98%	1.119%
32	13.936	1750	1761	1767	rBV4	73120	252323	12.65%	0.545%
33	14.001	1767	1772	1780	rBV4	88517	270271	13.55%	0.583%
34	14.142	1786	1796	1807	rVB4	169563	569141	28.52%	1.228%

LSC Area Percent Report

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Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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	14.294	1814	1822	1826	rBV2	317719	694570	34.81%	1.499%
36	14.353	1826	1832	1836	rVB2	402856	729544	36.56%	1.575%
37	14.400	1837	1840	1845	rVB2	130049	173900	8.72%	0.375%
38	14.518	1853	1860	1869	rBV2	110942	294892	14.78%	0.637%
39	14.606	1872	1875	1878	rVB2	62099	82121	4.12%	0.177%
40	14.659	1878	1884	1895	rBV	424039	876503	43.93%	1.892%
41	14.747	1896	1899	1903	rVB2	65669	69489	3.48%	0.150%
42	14.817	1906	1911	1916	rBV	388346	517055	25.91%	1.116%
43	14.964	1925	1936	1944	rBV3	472434	1084270	54.34%	2.340%
44	15.093	1952	1958	1964	rBB	357068	547667	27.45%	1.182%
45	15.176	1965	1972	1980	rVB4	145493	392216	19.66%	0.847%
46	15.352	1996	2002	2010	rVB5	200773	467537	23.43%	1.009%
47	15.428	2010	2015	2024	rBV4	164309	323964	16.24%	0.699%
48	15.569	2035	2039	2044	rVB3	96718	163065	8.17%	0.352%
49	15.628	2044	2049	2057	rVB4	150403	286298	14.35%	0.618%
50	15.722	2058	2065	2068	rBV2	192290	430572	21.58%	0.929%
51	15.769	2069	2073	2078	rVB	369284	489954	24.55%	1.058%
52	15.881	2088	2092	2097	rBV	327521	479694	24.04%	1.035%
53	15.951	2100	2104	2109	rBV	461887	688981	34.53%	1.487%
54	16.004	2109	2113	2120	rVB3	177892	327102	16.39%	0.706%
55	16.075	2121	2125	2133	rVB3	199967	313283	15.70%	0.676%
56	16.169	2137	2141	2144	rVB6	84739	121499	6.09%	0.262%
57	16.210	2145	2148	2153	rVB7	71976	105823	5.30%	0.228%
58	16.386	2174	2178	2182	rBV2	105586	173446	8.69%	0.374%
59	16.445	2185	2188	2196	rVB2	157405	317942	15.93%	0.686%
60	16.545	2202	2205	2207	rBV3	104930	129783	6.50%	0.280%
61	16.627	2214	2219	2223	rBV2	522157	687765	34.47%	1.484%
62	16.721	2232	2235	2241	rVB3	93879	133413	6.69%	0.288%
63	16.856	2254	2258	2262	rVB	188517	230499	11.55%	0.498%
64	16.985	2275	2280	2288	rBV3	327427	811578	40.67%	1.752%
65	17.062	2289	2293	2299	rVV3	158057	260817	13.07%	0.563%
66	17.162	2307	2310	2314	rBV2	91063	116113	5.82%	0.251%
67	17.238	2317	2323	2337	rVB4	312139	736517	36.91%	1.590%
68	17.373	2343	2346	2350	rBV4	121555	173614	8.70%	0.375%
69	17.420	2350	2354	2362	rVB2	498579	878814	44.04%	1.897%
70	17.555	2372	2377	2384	rVB	277750	474816	23.80%	1.025%
71	17.649	2389	2393	2397	rBV2	115055	193024	9.67%	0.417%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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Peak separation: 1

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

72	17.714	2397	2404	2408	rBV	578341	1050399	52.64%	2.267%
73	17.755	2409	2411	2416	rVV	256316	381868	19.14%	0.824%
74	17.814	2416	2421	2430	rVV2	590294	1138997	57.08%	2.458%
75	17.890	2430	2434	2440	rVB4	151885	338757	16.98%	0.731%
76	18.119	2470	2473	2476	rBV2	131558	192096	9.63%	0.415%
77	18.160	2476	2480	2491	rVB	482657	835696	41.88%	1.804%
78	18.342	2508	2511	2516	rBV6	85832	137735	6.90%	0.297%
79	18.566	2545	2549	2557	rBV2	275376	541147	27.12%	1.168%
80	18.713	2570	2574	2579	rBV2	163862	283115	14.19%	0.611%
81	18.777	2580	2585	2587	rBV5	149182	286867	14.38%	0.619%
82	18.842	2593	2596	2602	rVB	446344	544124	27.27%	1.174%
83	19.435	2694	2697	2699	rBV2	138675	137072	6.87%	0.296%
84	19.471	2699	2703	2710	rVB2	714278	999292	50.08%	2.157%
85	19.823	2760	2763	2772	rVB7	228935	411182	20.61%	0.888%
86	20.011	2791	2795	2797	rBV	738412	860763	43.14%	1.858%
87	20.040	2798	2800	2804	rVV	902975	899758	45.09%	1.942%
88	20.087	2804	2808	2818	rVB2	702619	1323617	66.34%	2.857%
89	20.569	2887	2890	2901	rVB2	550573	760051	38.09%	1.641%
90	21.057	2968	2973	2975	rBV	646026	933424	46.78%	2.015%
91	21.615	3063	3068	3079	rVB	891996	1476463	74.00%	3.187%
92	21.780	3093	3096	3102	rVB	438680	651438	32.65%	1.406%
93	22.050	3132	3142	3148	rVB	629153	1517131	76.03%	3.275%
94	22.179	3159	3164	3172	rBV3	522020	1125355	56.40%	2.429%
95	22.884	3279	3284	3293	rVB2	294931	552836	27.71%	1.193%
96	25.323	3693	3699	3719	rVB2	306769	984936	49.36%	2.126%
97	25.569	3735	3741	3756	rVB2	310455	965977	48.41%	2.085%
98	26.216	3845	3851	3861	rVB3	306235	870829	43.64%	1.880%
99	26.674	3924	3929	3946	rVB10	208109	715870	35.88%	1.545%
100	26.885	3955	3965	3976	rVB5	598313	1995338	100.00%	4.307%

Sum of corrected areas: 46330208

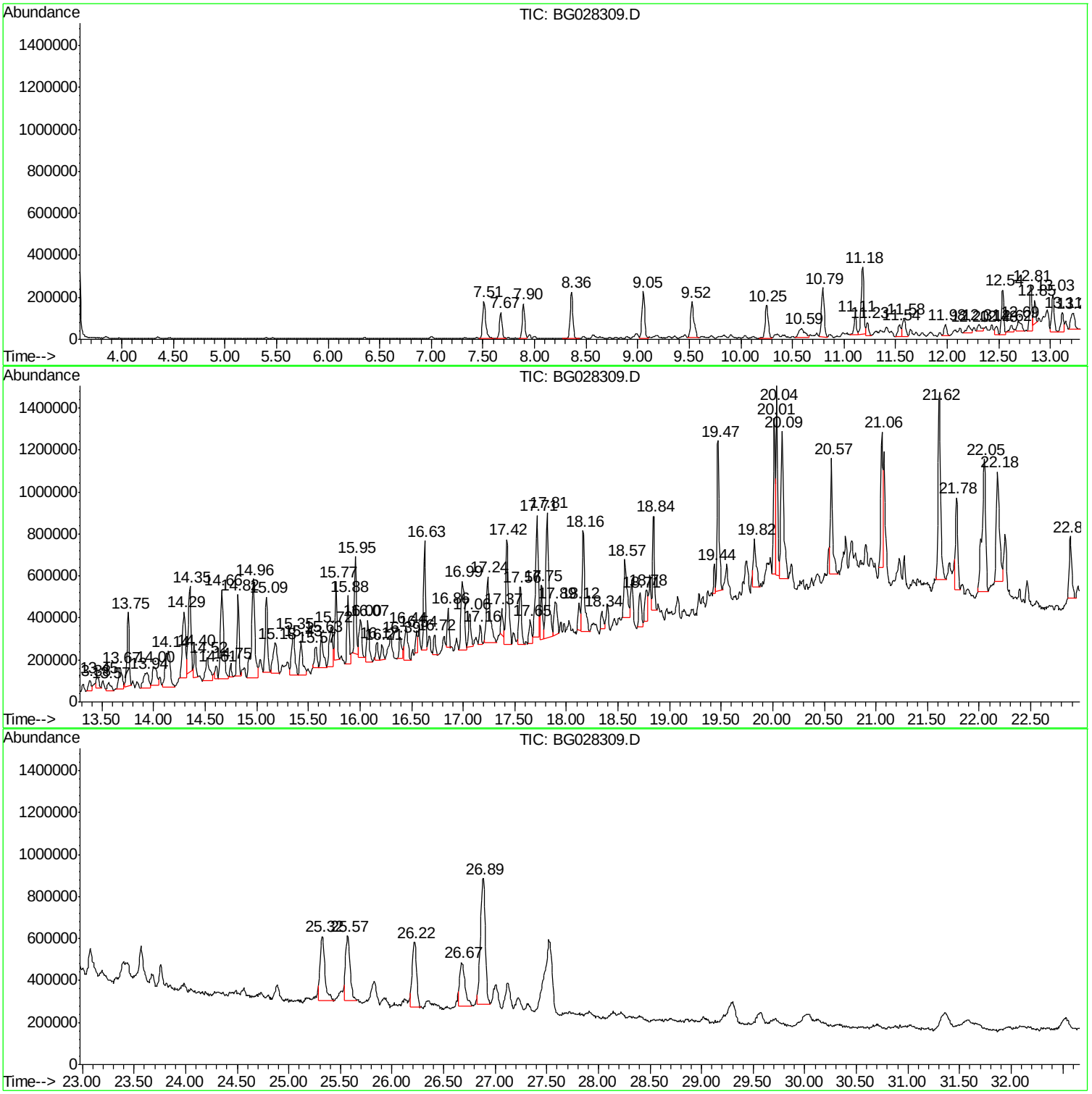
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA9

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA9

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

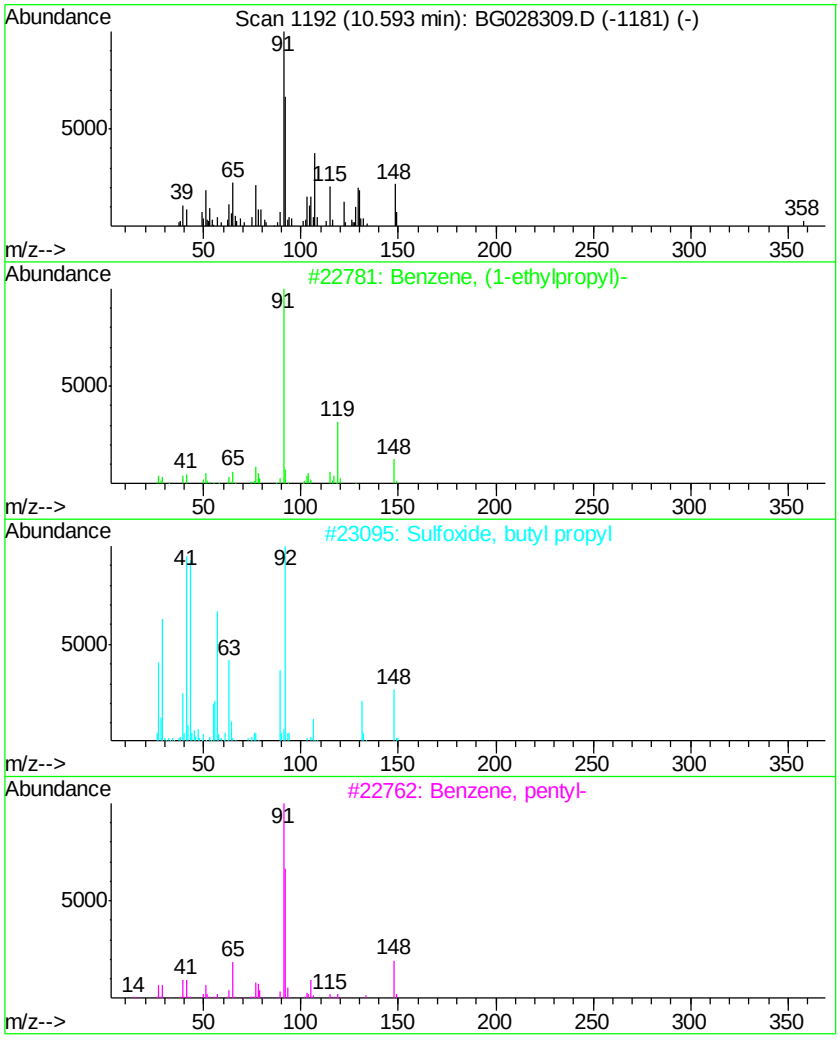
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

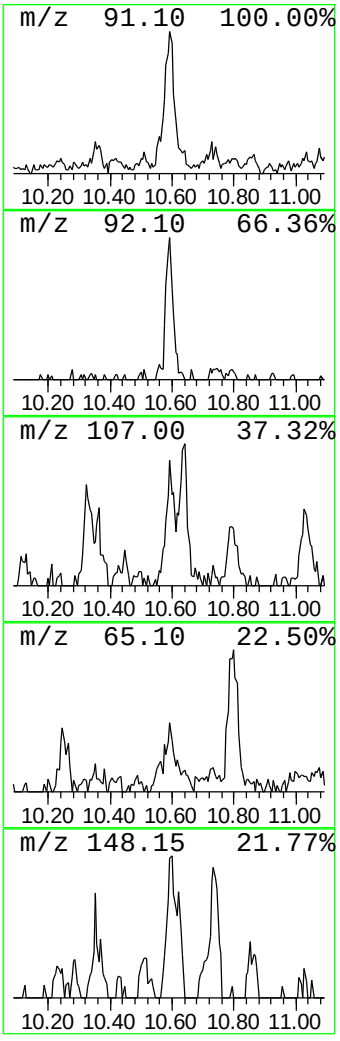
****

Peak Number 1 unknown01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	6.40 ng/ul	189072	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	22
2	Sulfoxide, butyl propyl	148	C7H16OS	002977-02-8	22
3	Benzene, pentyl-	148	C11H16	000538-68-1	22
4	2-Butanol, 1-benzyloxy-3-methyl-	194	C12H18O2	080325-76-4	16
5	Phenylethyl Alcohol	122	C8H10O	000060-12-8	14





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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

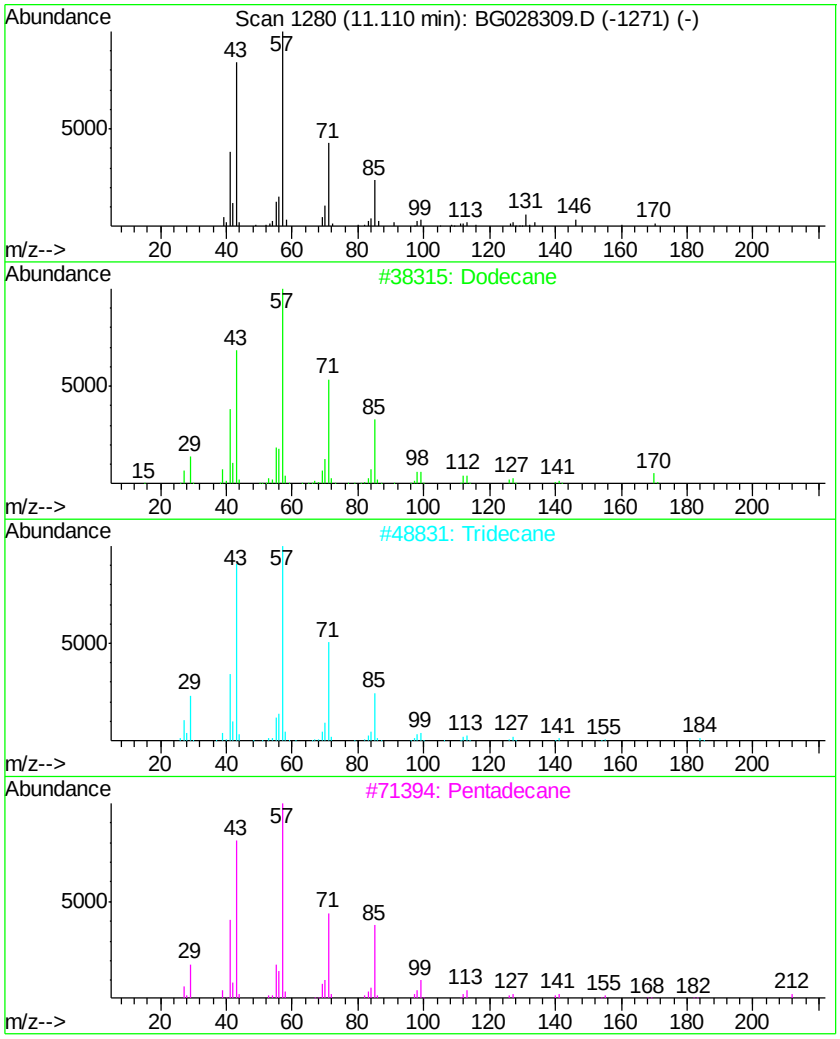
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

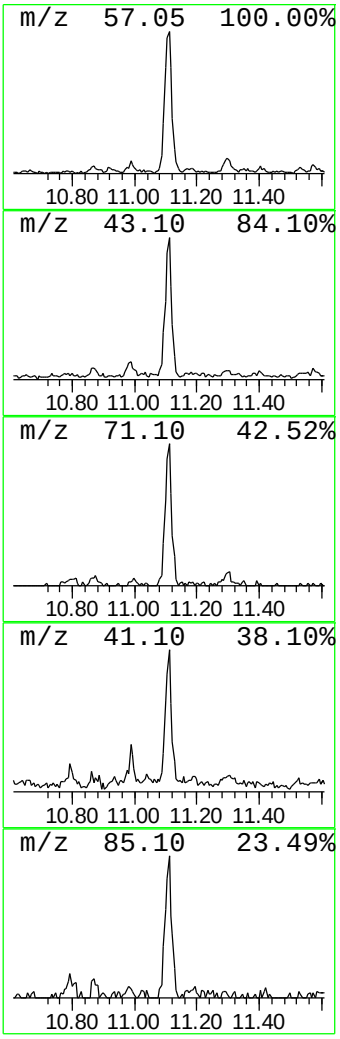
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	4.93 ng/ul	145832	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Tridecane	184	C13H28	000629-50-5	72
3	Pentadecane	212	C15H32	000629-62-9	59
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	53
5	Tridecane	184	C13H28	000629-50-5	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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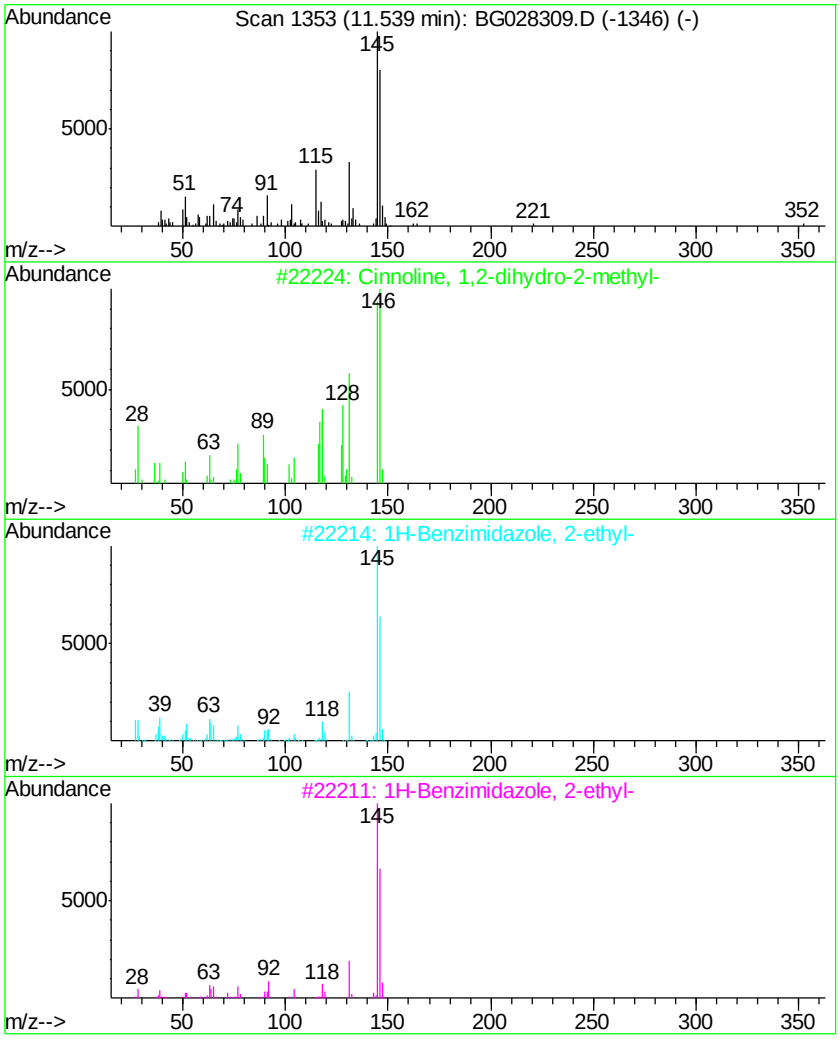
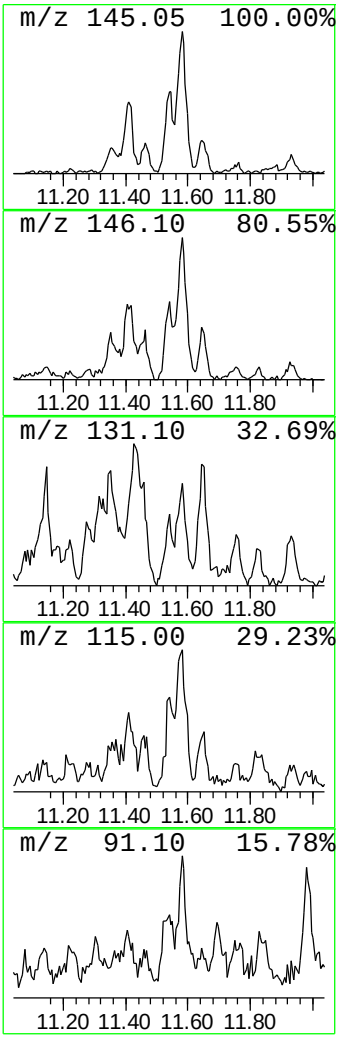
Peak Number 3 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	4.11 ng/ul	121554	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	81
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
4	7-Azaindole-3-carboxaldehyde	146	C8H6N2O	004649-09-6	53
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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

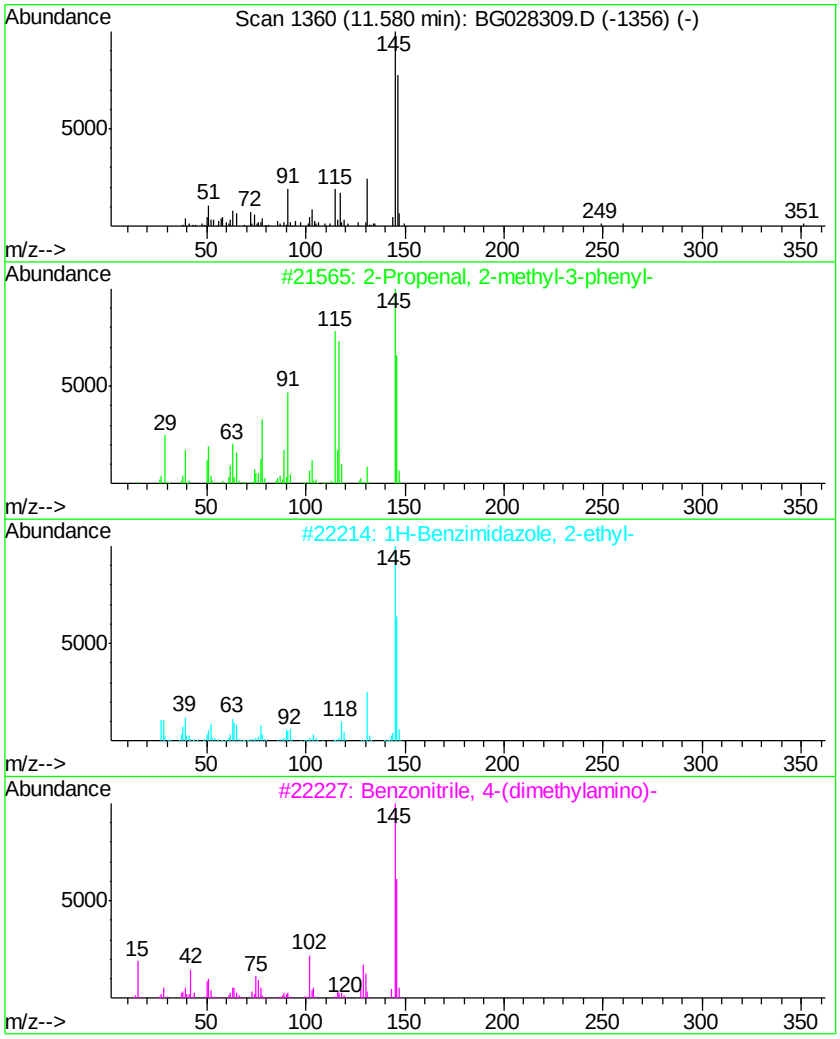
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

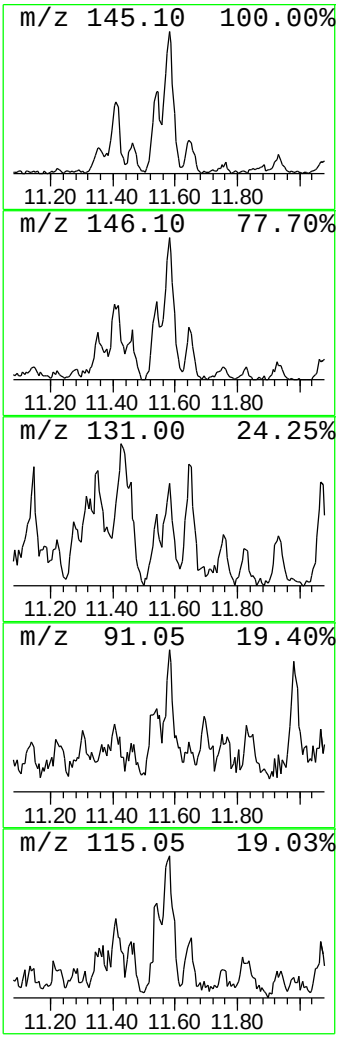
****

Peak Number 4 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	6.13 ng/ul	181064	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	87
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	50
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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

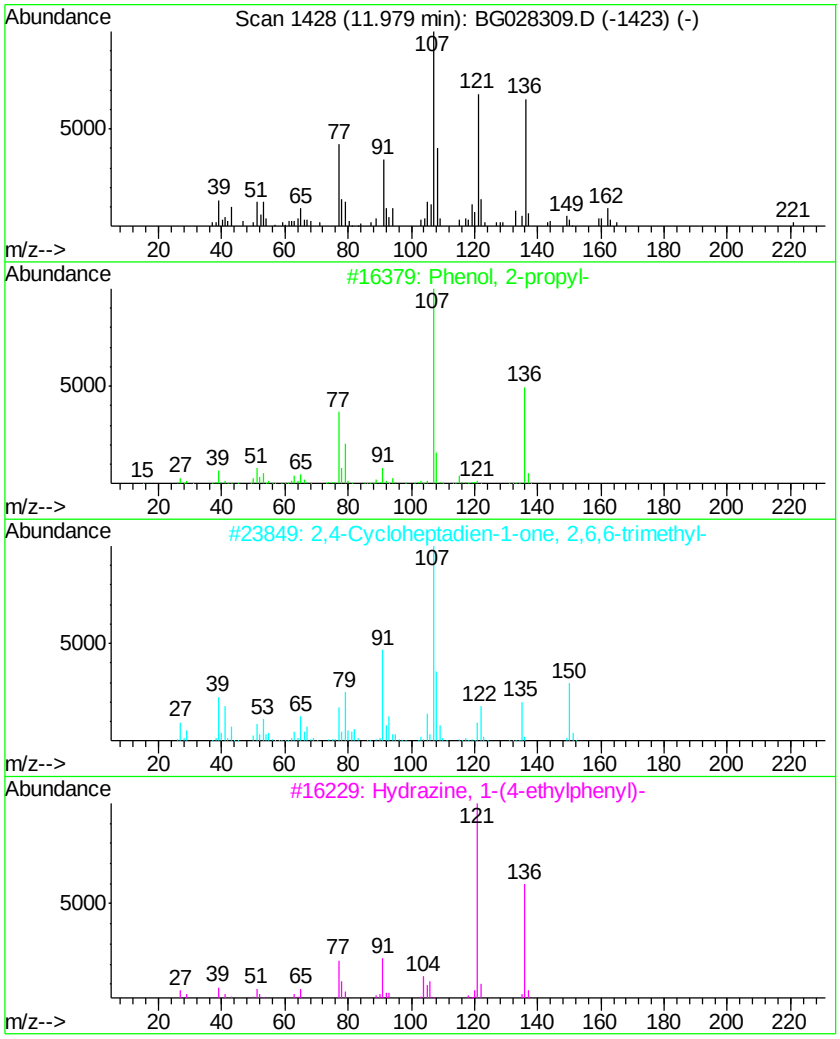
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

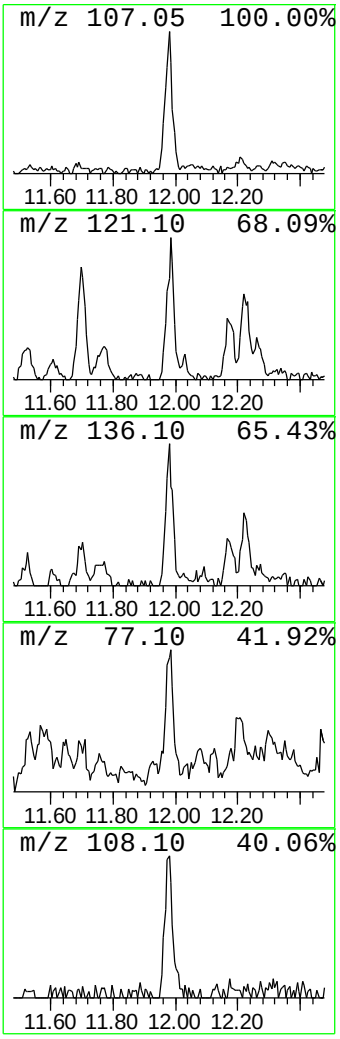
****

Peak Number 5 Phenol, 2-propyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.13 ng/ul	92631	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	52
2	2,4-Cycloheptadien-1-one, 2,6,6-...	150	C10H14O	000503-93-5	43
3	Hydrazine, 1-(4-ethylphenyl)-	136	C8H12N2	054840-34-5	42
4	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	38
5	Phenol, 4-propyl-	136	C9H12O	000645-56-7	38





Library Search Compound Report

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Operator : SJ/JU
Sample : I4504-18
Misc :
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Instrument : BNA_G
ClientSampleId : C0AA9

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Quant Title : SVOA CALIBRATION

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

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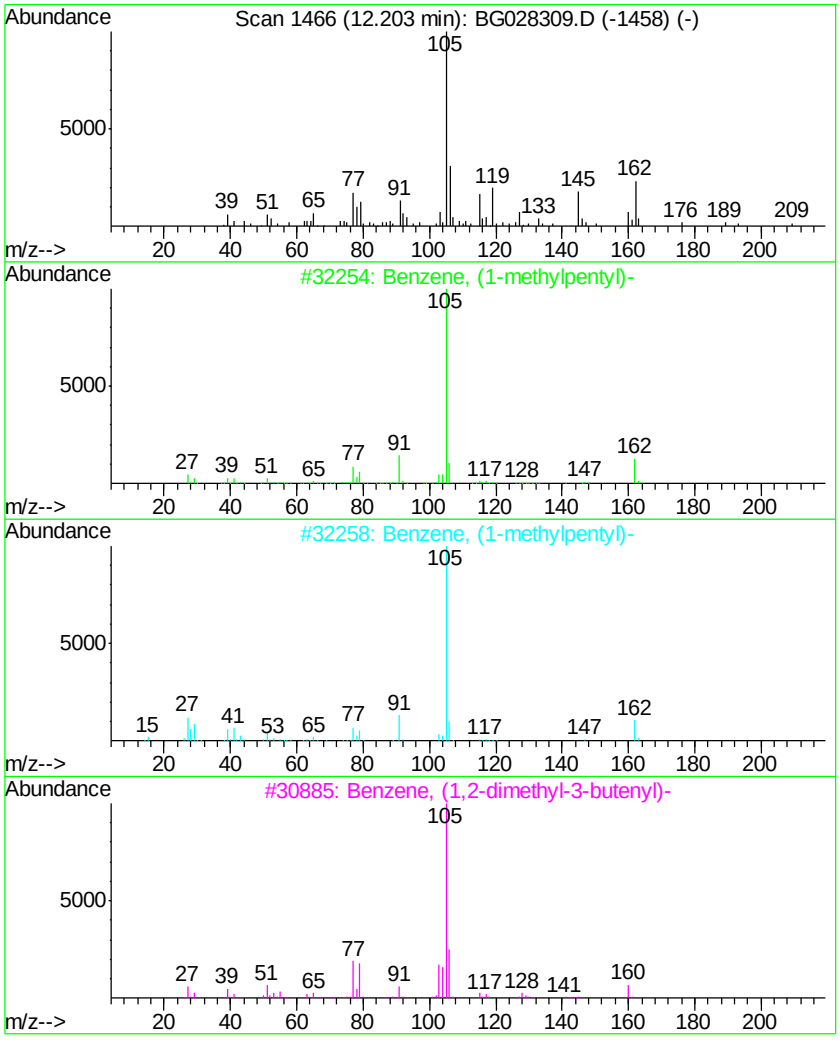
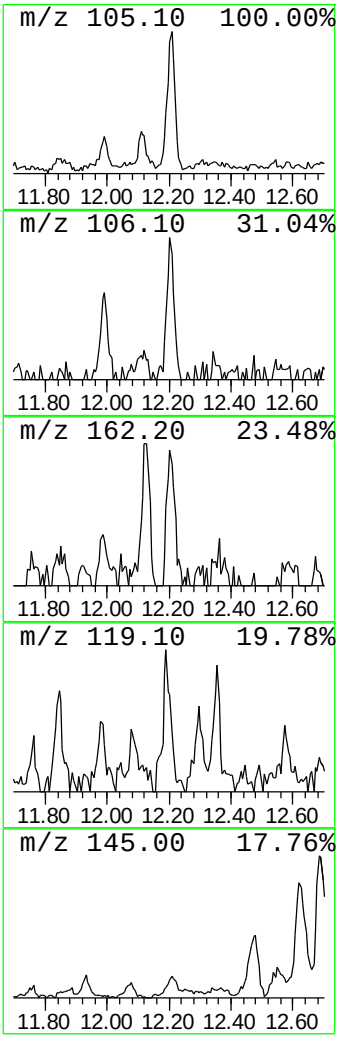
Peak Number 6 unknown02 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	3.20 ng/ul	94550	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	35
2	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	30
3	Benzene, (1,2-dimethyl-3-butenyl)-	160	C12H16	050871-04-0	27
4	1-Methyl-4-n-hexylbenzene	176	C13H20	001595-01-3	27
5	3-Methylbenzyl(1-hydroxyprop-2-y...	180	C11H16O2	1000284-47-8	22





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Instrument : BNA_G
ClientSampleId : C0AA9

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Quant Title : SVOA CALIBRATION

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

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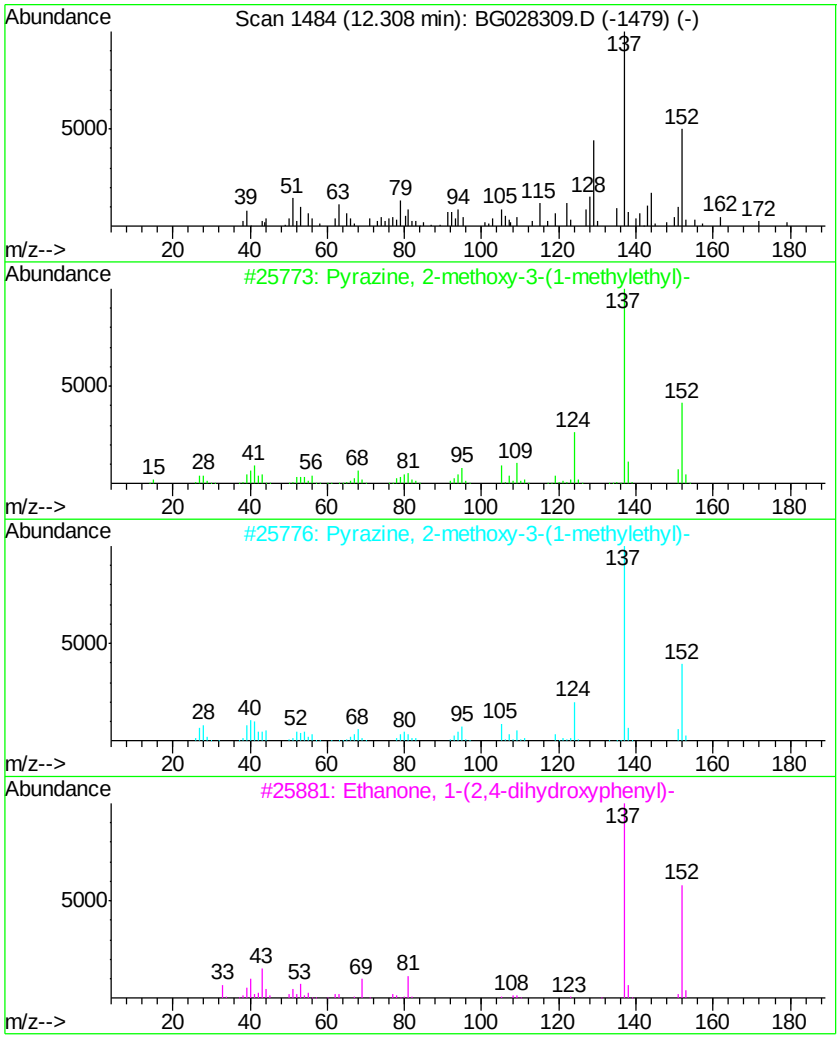
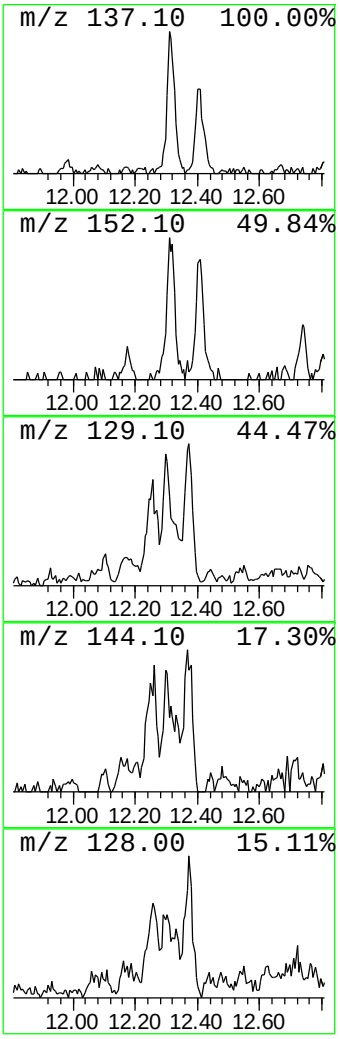
Peak Number 7 unknown03 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	2.75 ng/ul	81210	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazine, 2-methoxy-3-(1-methyle...	152	C8H12N2O	025773-40-4	46
2	Pyrazine, 2-methoxy-3-(1-methyle...	152	C8H12N2O	025773-40-4	46
3	Ethanone, 1-(2,4-dihydroxyphenyl)-	152	C8H8O3	000089-84-9	46
4	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	43
5	Resorcinol, 2-acetyl-	152	C8H8O3	000699-83-2	43





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Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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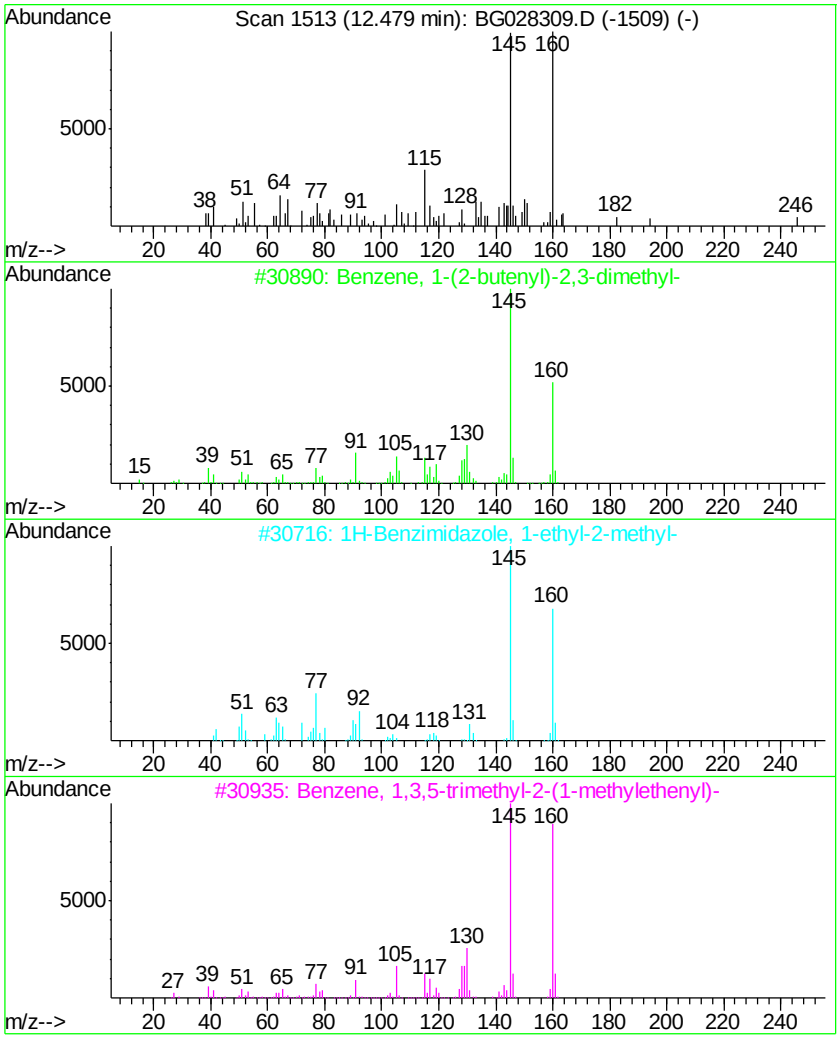
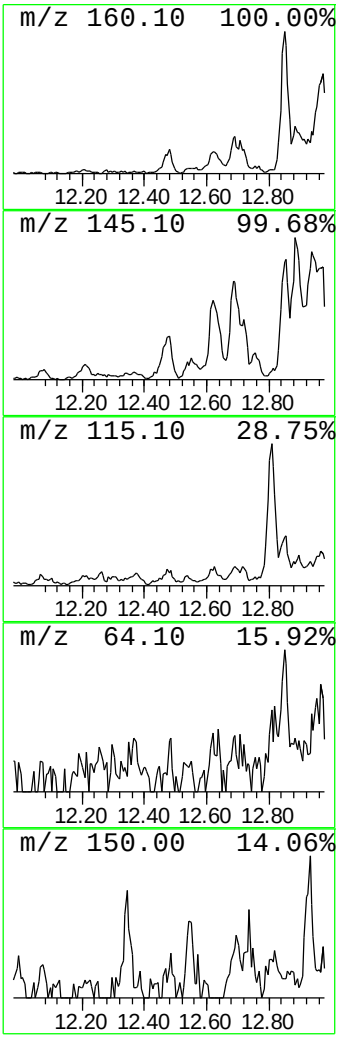
Peak Number 8 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.34 ng/ul	69092	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	59
2	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	53
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	53
4	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	53
5	4-Methyl-5-methoxy-1,2,4-triazol...	145	C4H7N3OS	066870-16-4	38





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Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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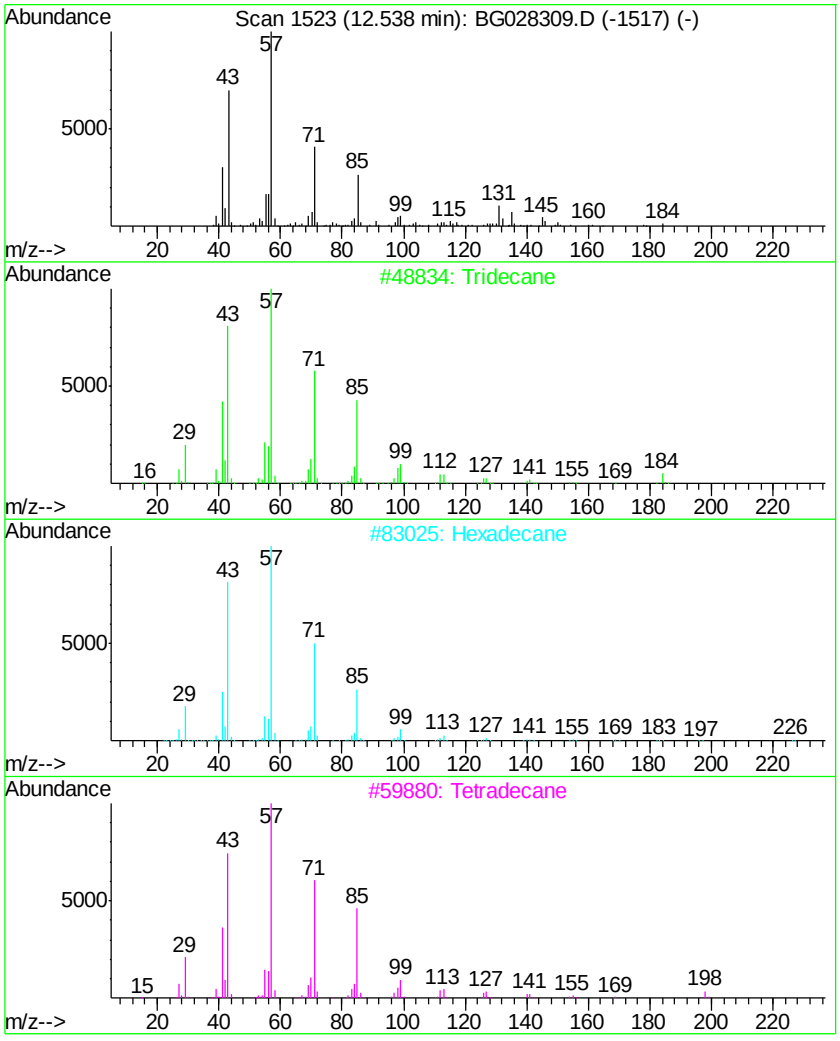
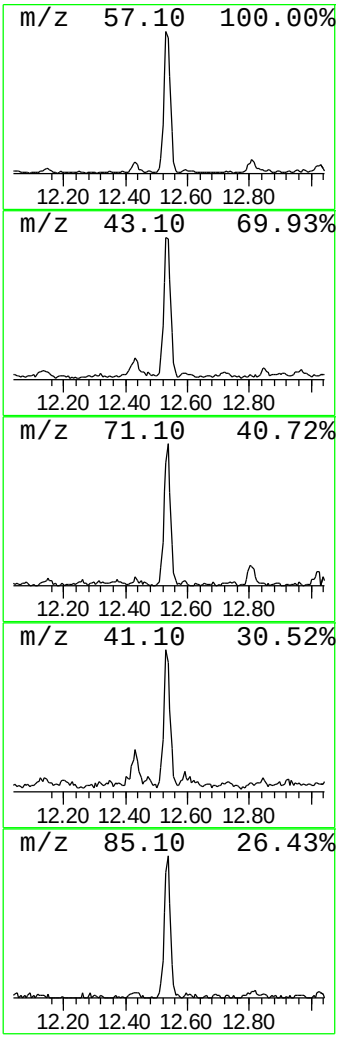
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	11.31 ng/ul	334146	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Hexadecane	226	C16H34	000544-76-3	59
3	Tetradecane	198	C14H30	000629-59-4	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5	Tridecane	184	C13H28	000629-50-5	53





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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Quant Title : SVOA CALIBRATION

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

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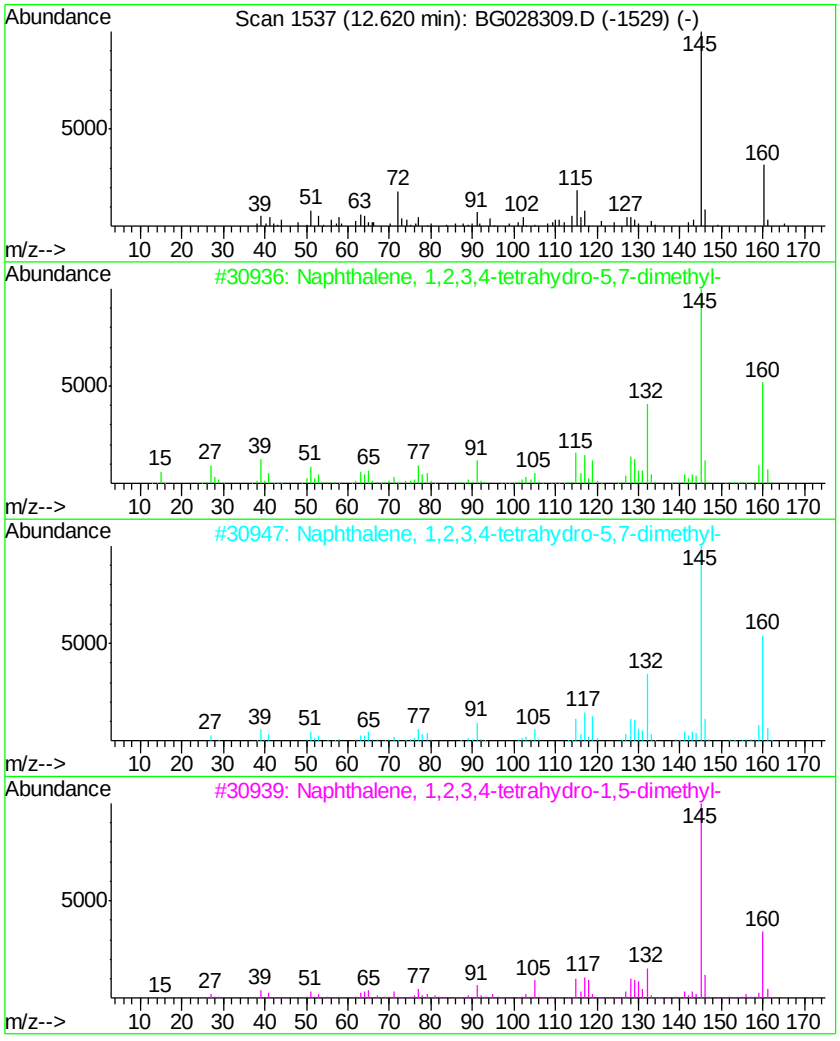
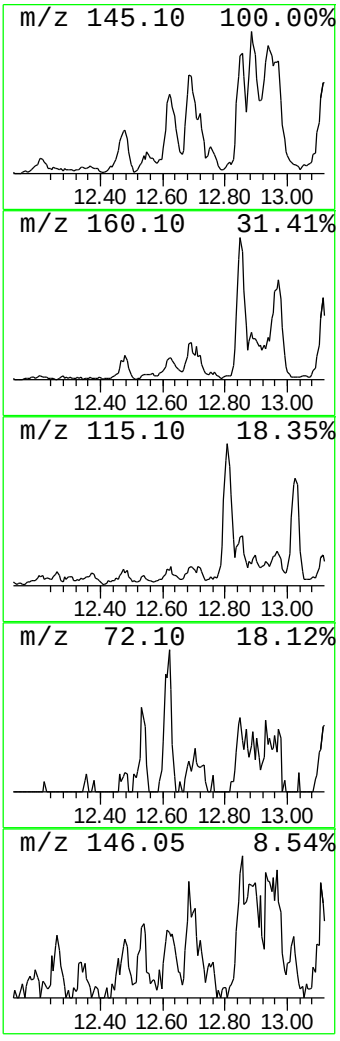
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	2.69 ng/ul	79367	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	80
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	80
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	59





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Sample : I4504-18
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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Quant Title : SVOA CALIBRATION

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

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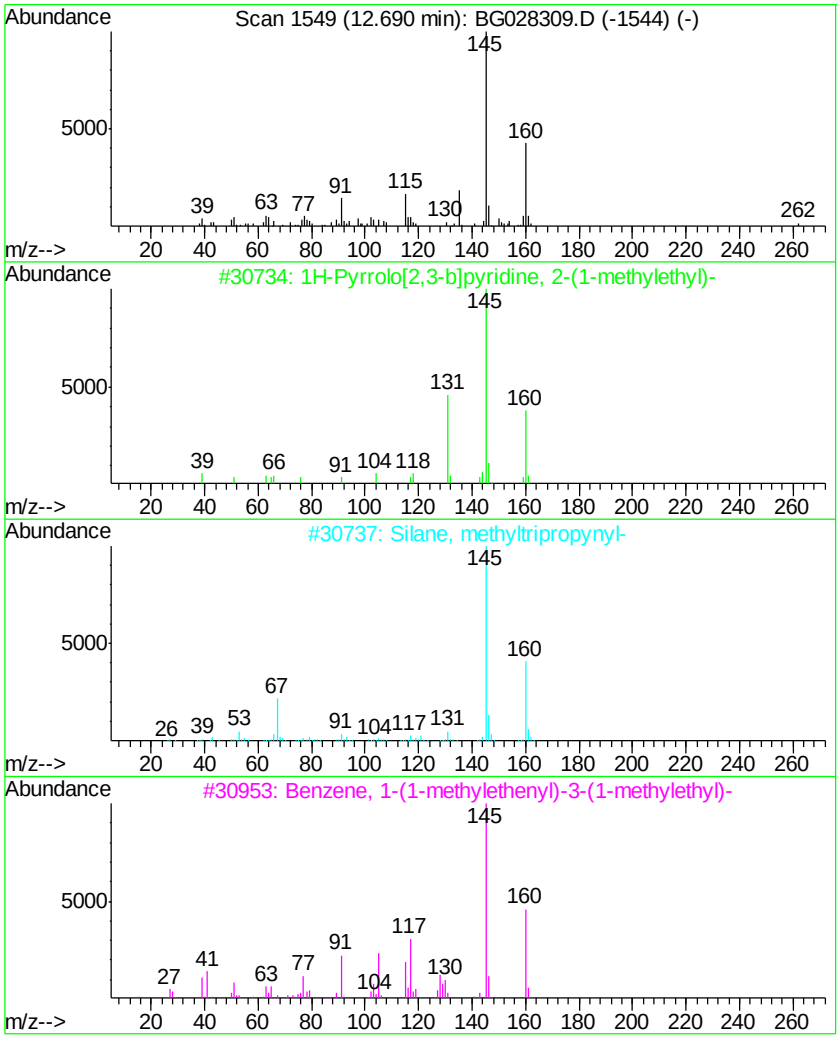
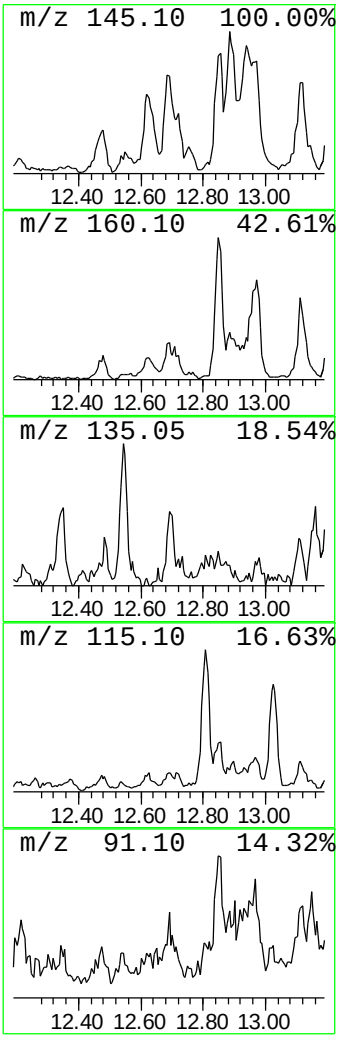
Peak Number 11 1H-Pyrrolo[2,3-b]pyridine, ... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	4.53 ng/ul	133794	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	72
2	Silane, methyltripropynyl-	160	C10H12Si	1000158-62-1	72
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	72
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	72
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	64





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Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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Quant Title : SVOA CALIBRATION

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

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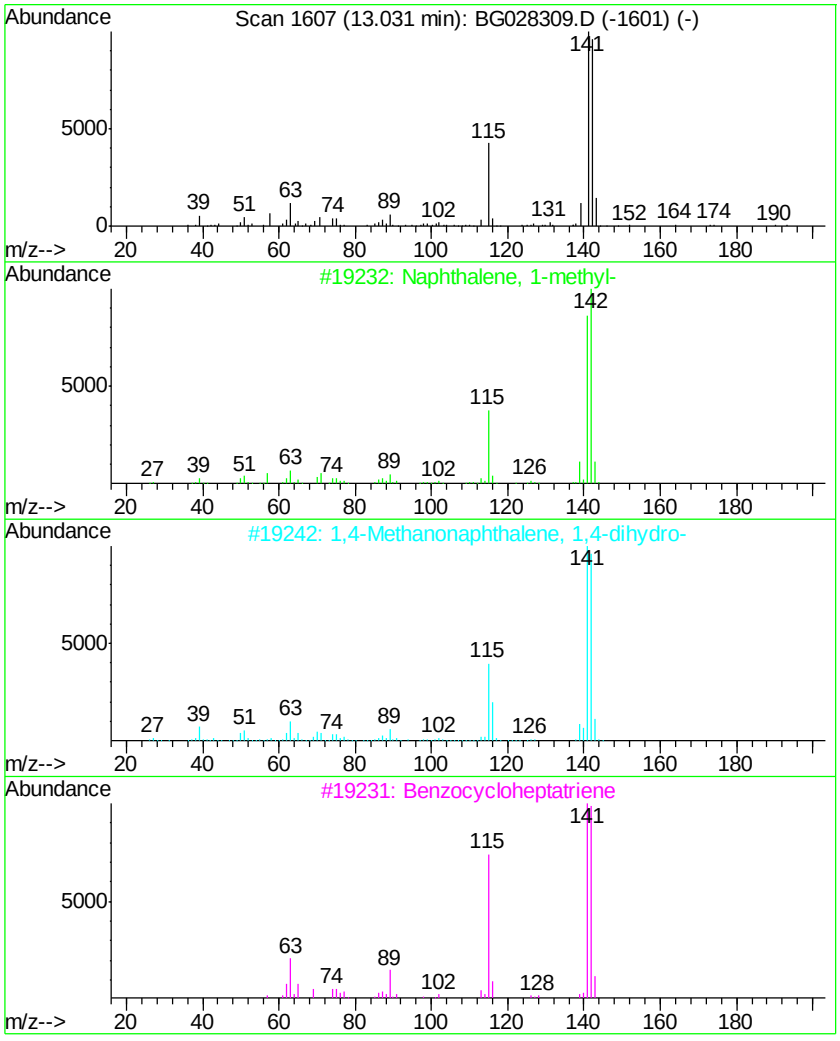
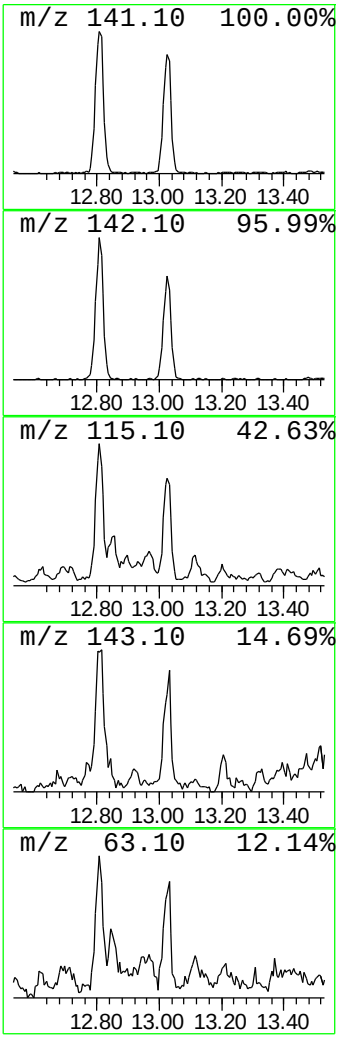
Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	10.22 ng/ul	302159	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AA9

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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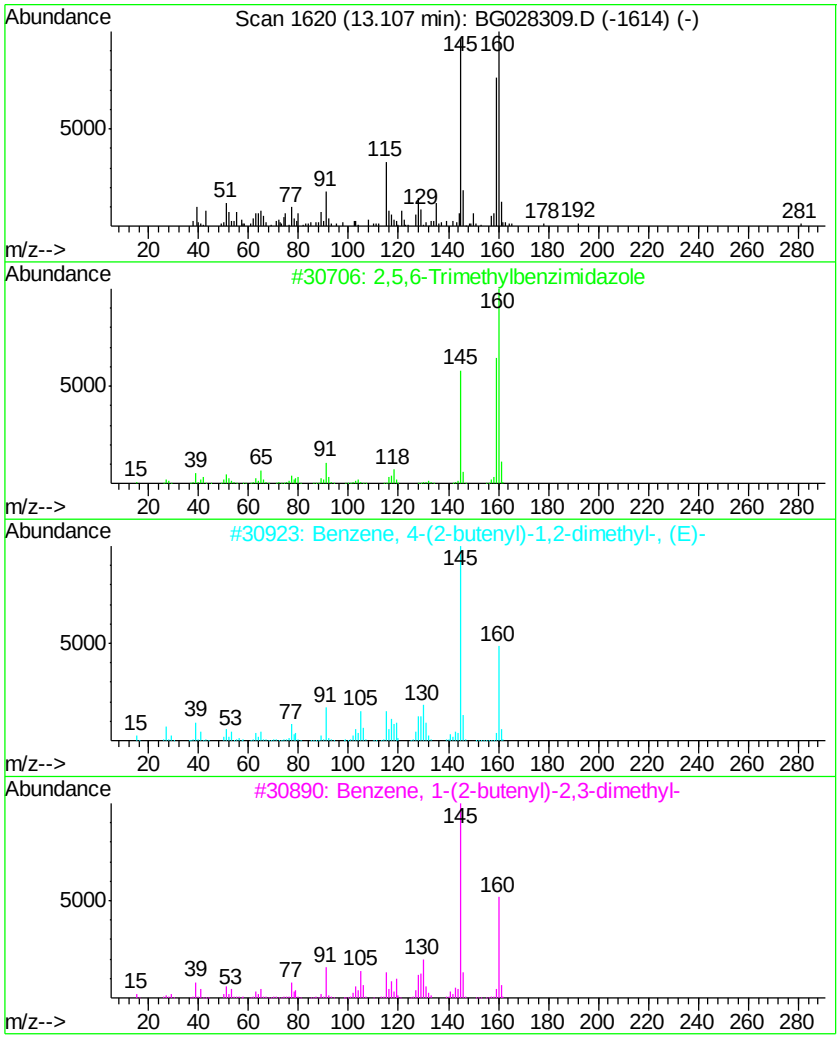
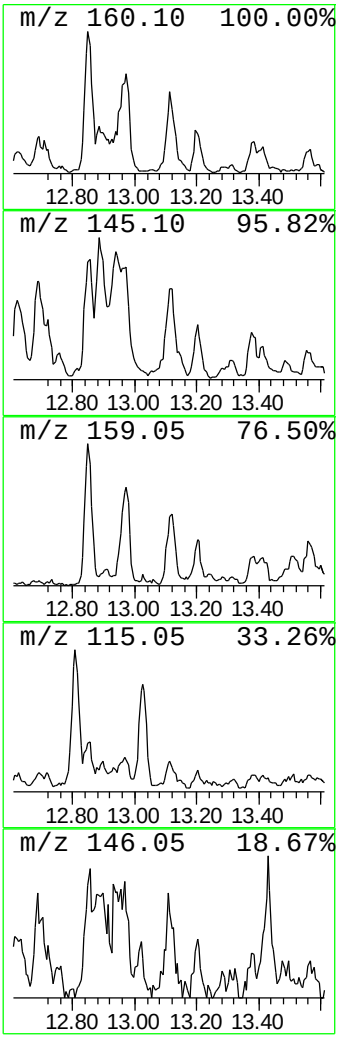
Peak Number 13 2,5,6-Trimethylbenzimidazole Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	3.37 ng/ul	182904	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	83
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49
4	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	47
5	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	46





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Quant Title : SVOA CALIBRATION

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

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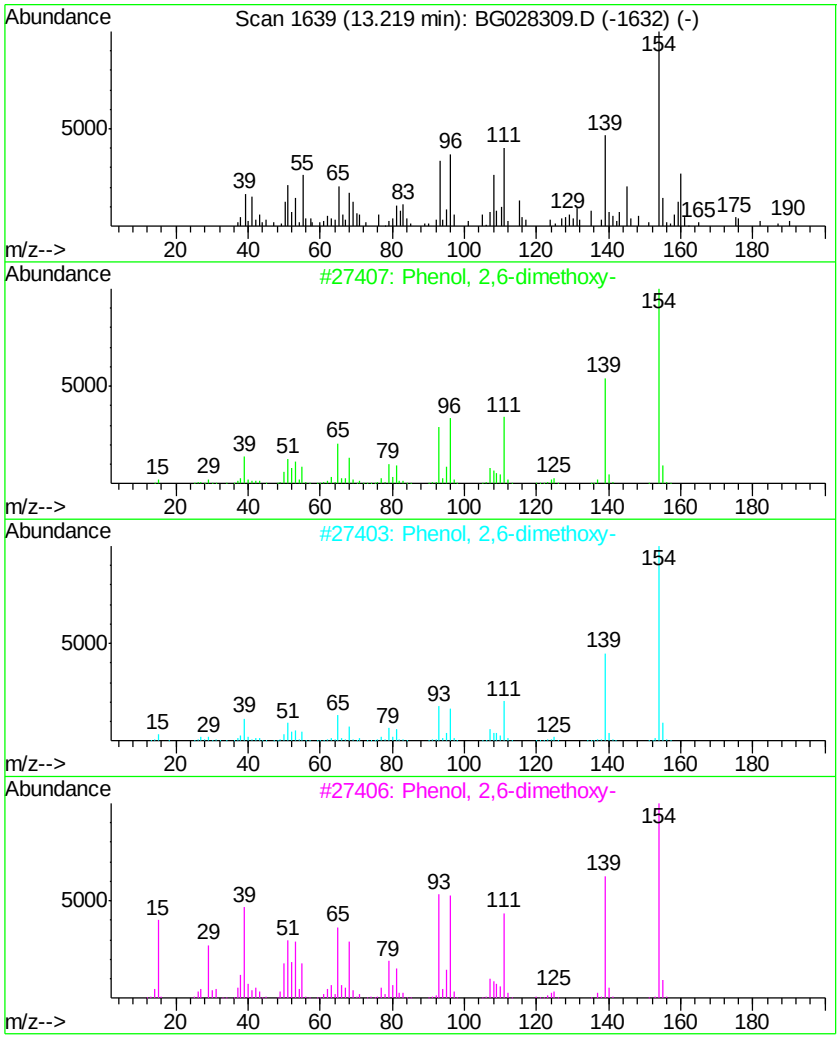
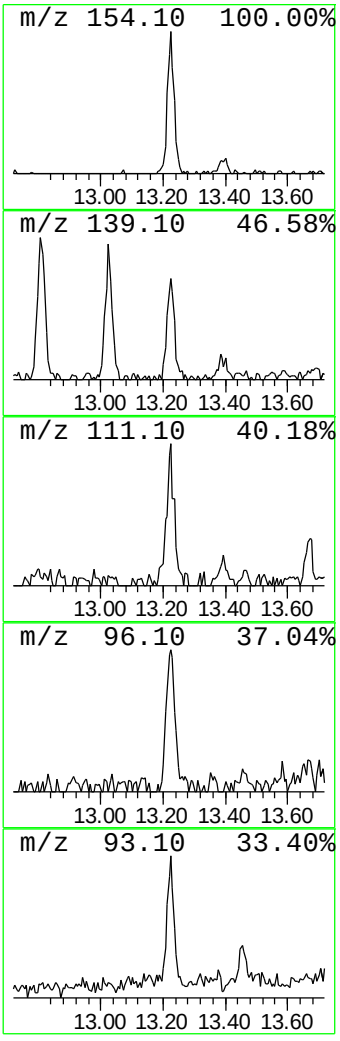
Peak Number 14 Phenol, 2,6-dimethoxy- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	3.82 ng/ul	206899	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	91
2	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	81
3	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	74
4	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	58
5	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	53





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ClientSampleId : C0AA9

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Quant Title : SVOA CALIBRATION

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

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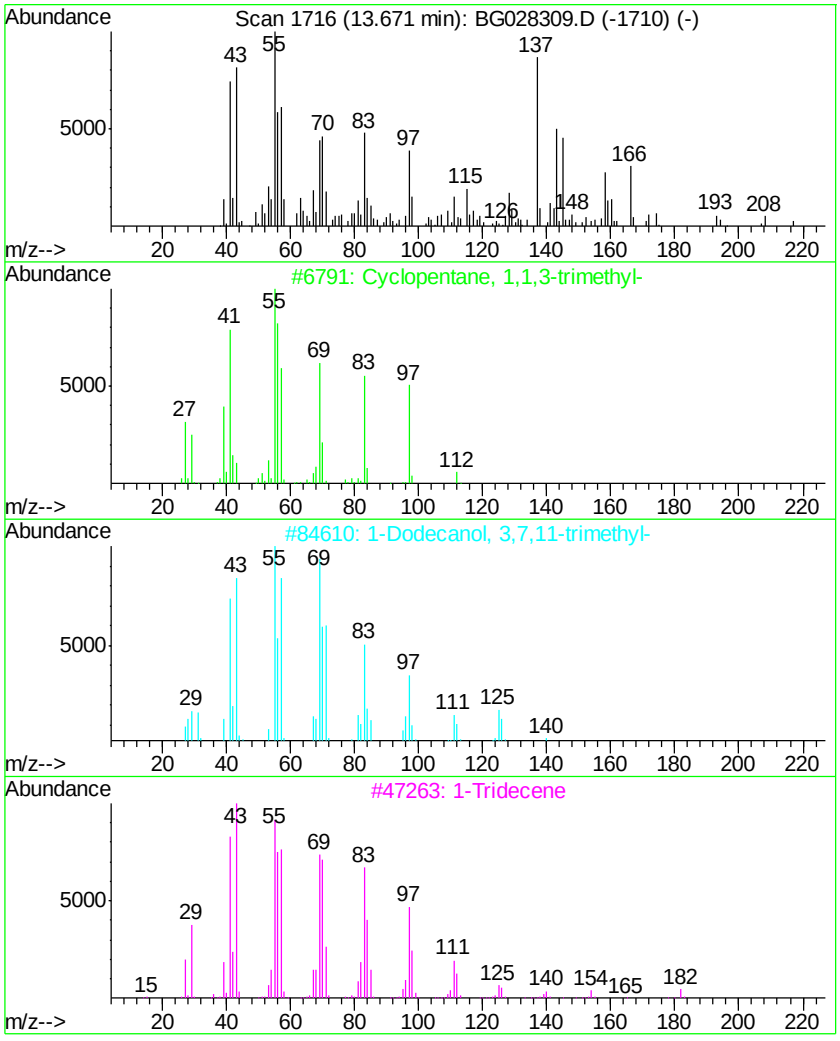
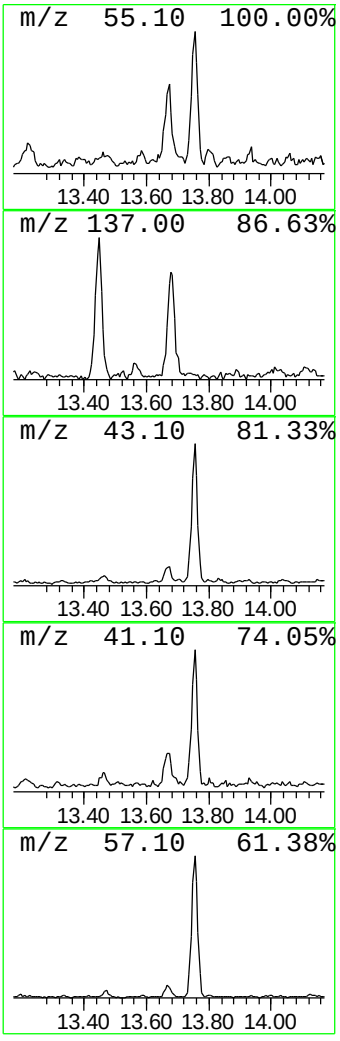
Peak Number 15 (DEL) Alkane: Cyclic13.67 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.45 ng/ul	241342	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38
2	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	30
3	1-Tridecene	182	C13H26	002437-56-1	30
4	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	25
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	18





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Quant Title : SVOA CALIBRATION

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

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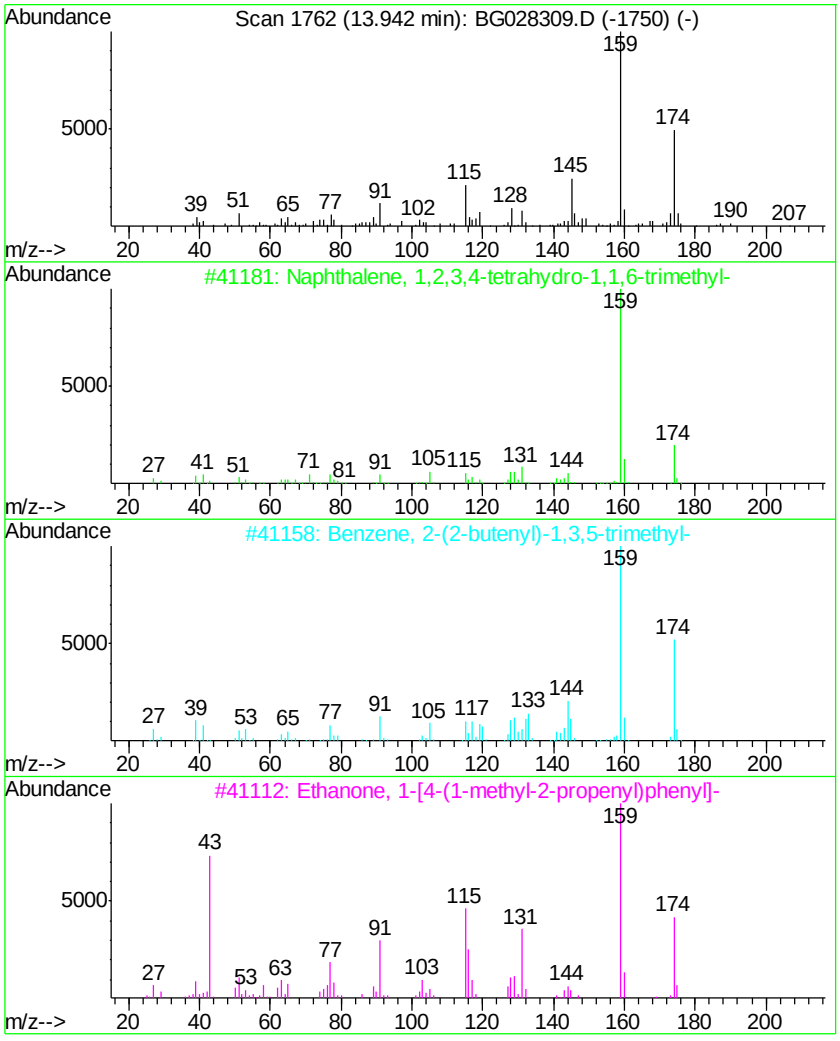
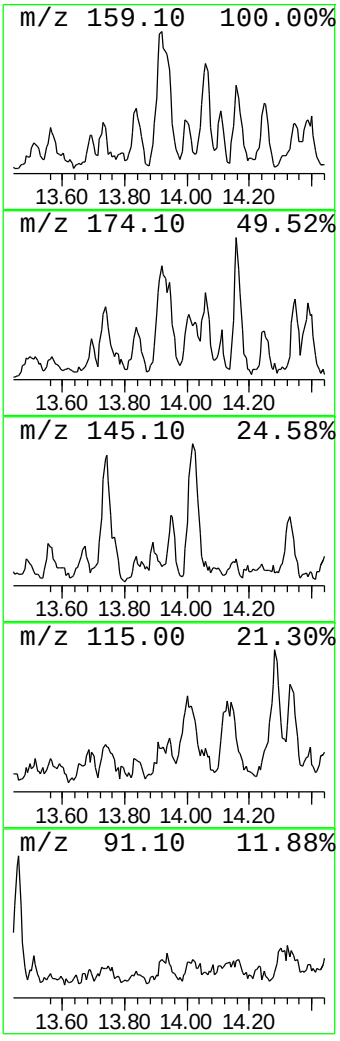
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.65 ng/ul	252323	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	90
2	Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	87
3	Ethanone, 1-[4-(1-methyl-2-prope...	174	C12H14O	109586-49-4	86
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	80
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	80





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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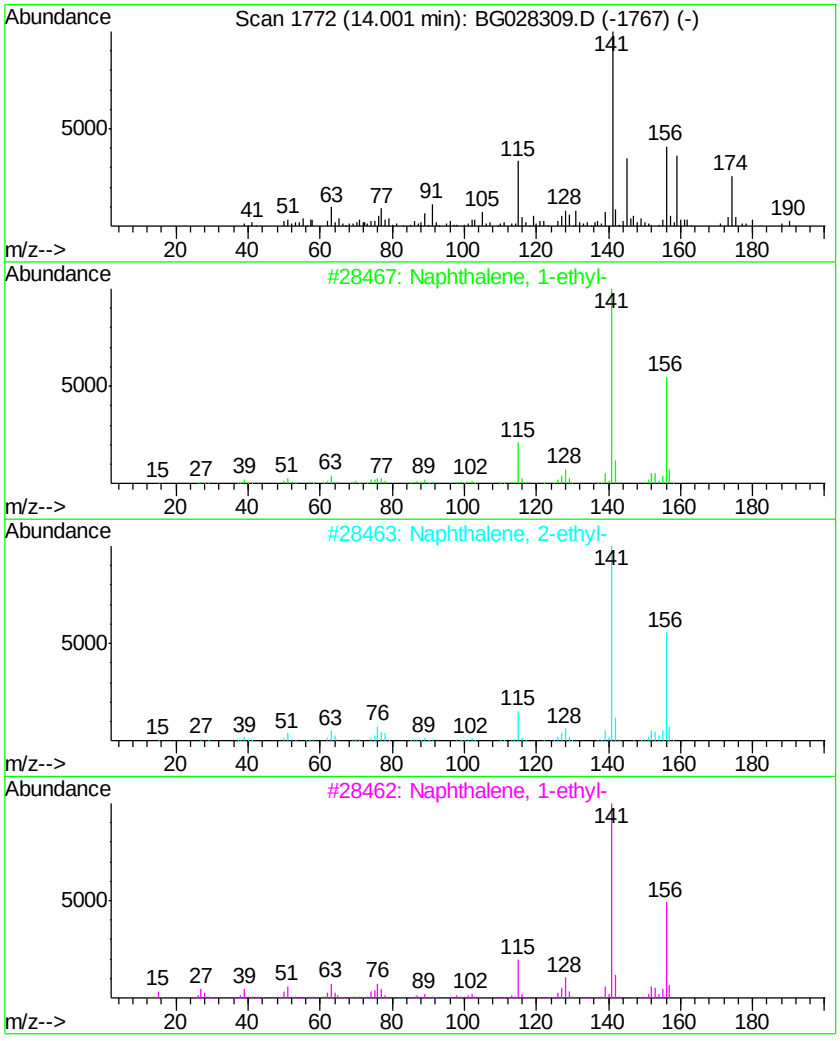
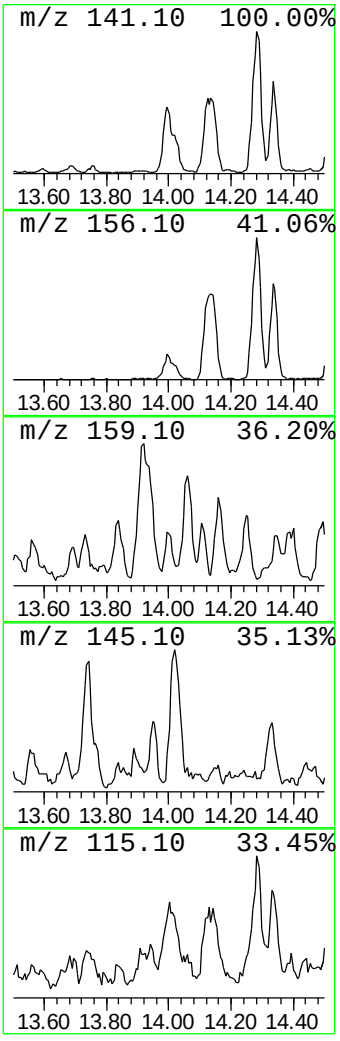
Peak Number 17 Naphthalene, 1-ethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	4.99 ng/ul	270271	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	64
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	60
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	60
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	60
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	53





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Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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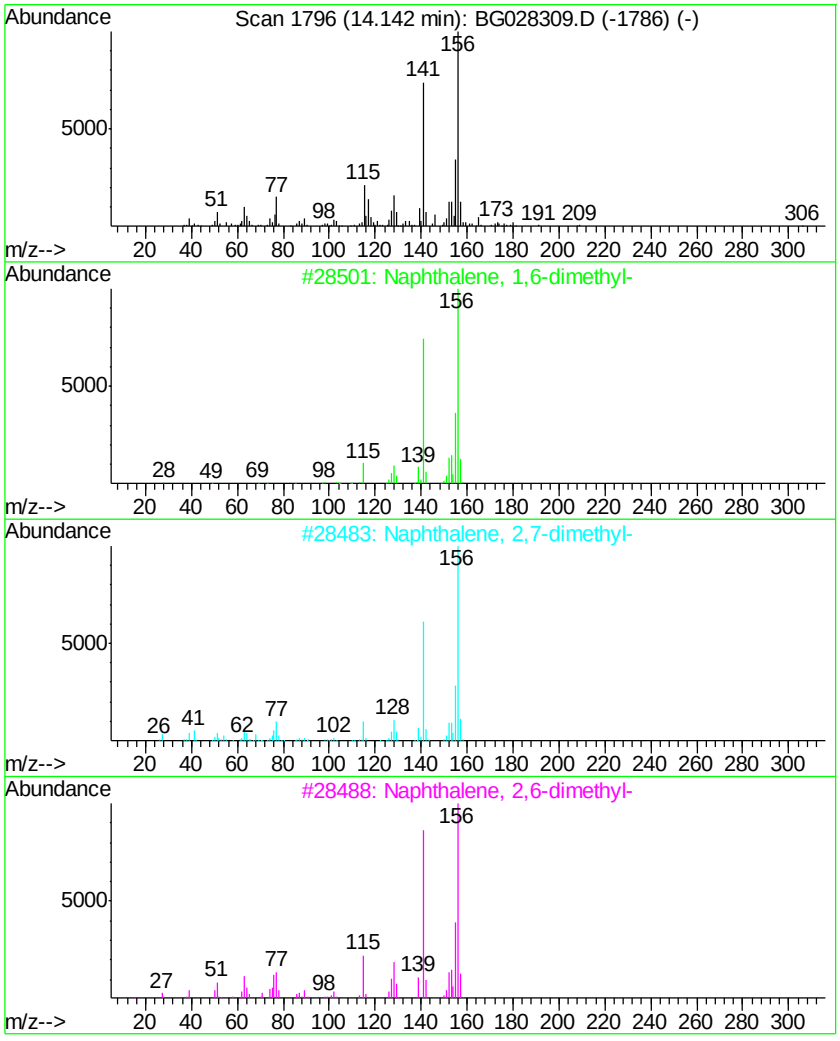
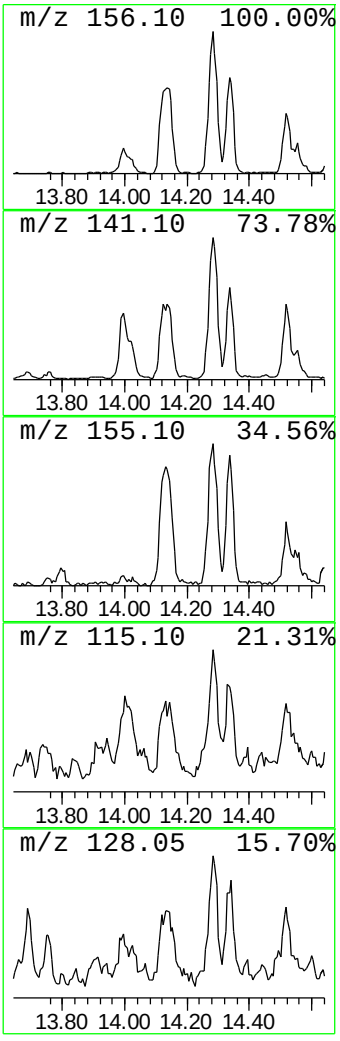
Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	10.50 ng/ul	569141	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





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Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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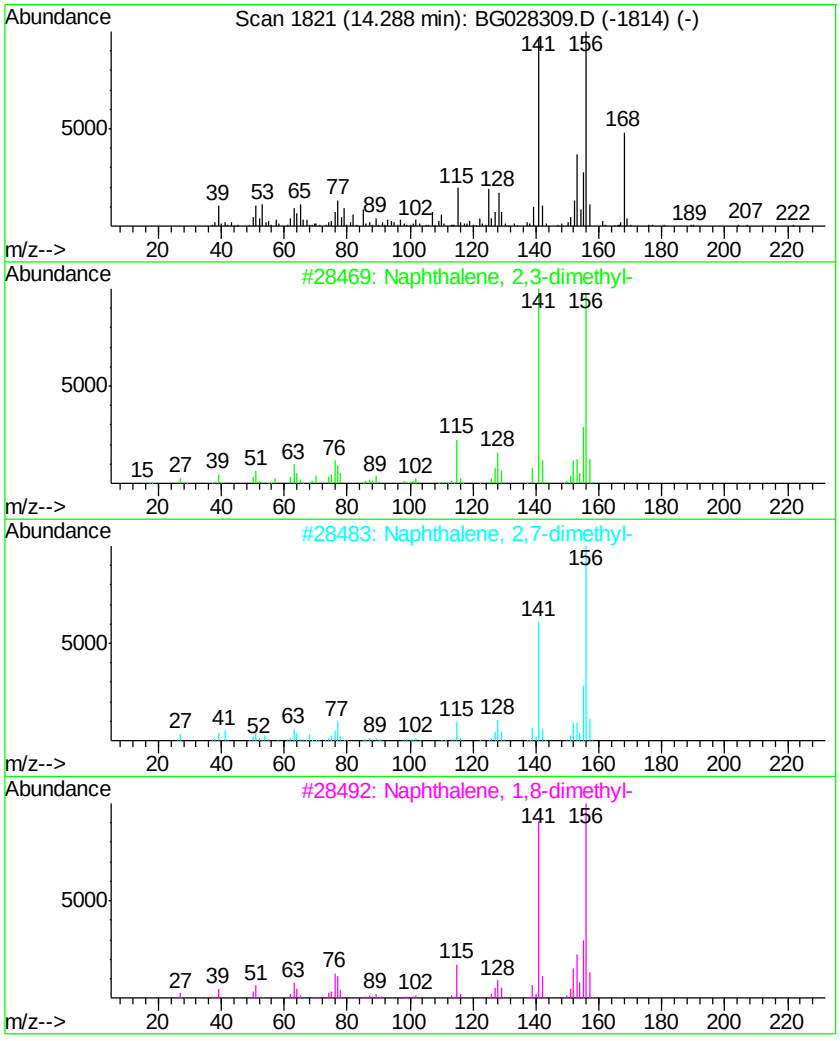
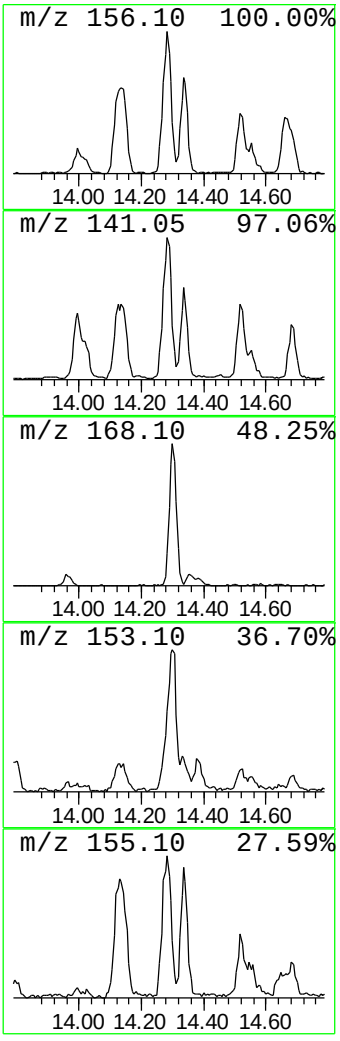
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	12.81 ng/ul	694570	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	64
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	64
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	60





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Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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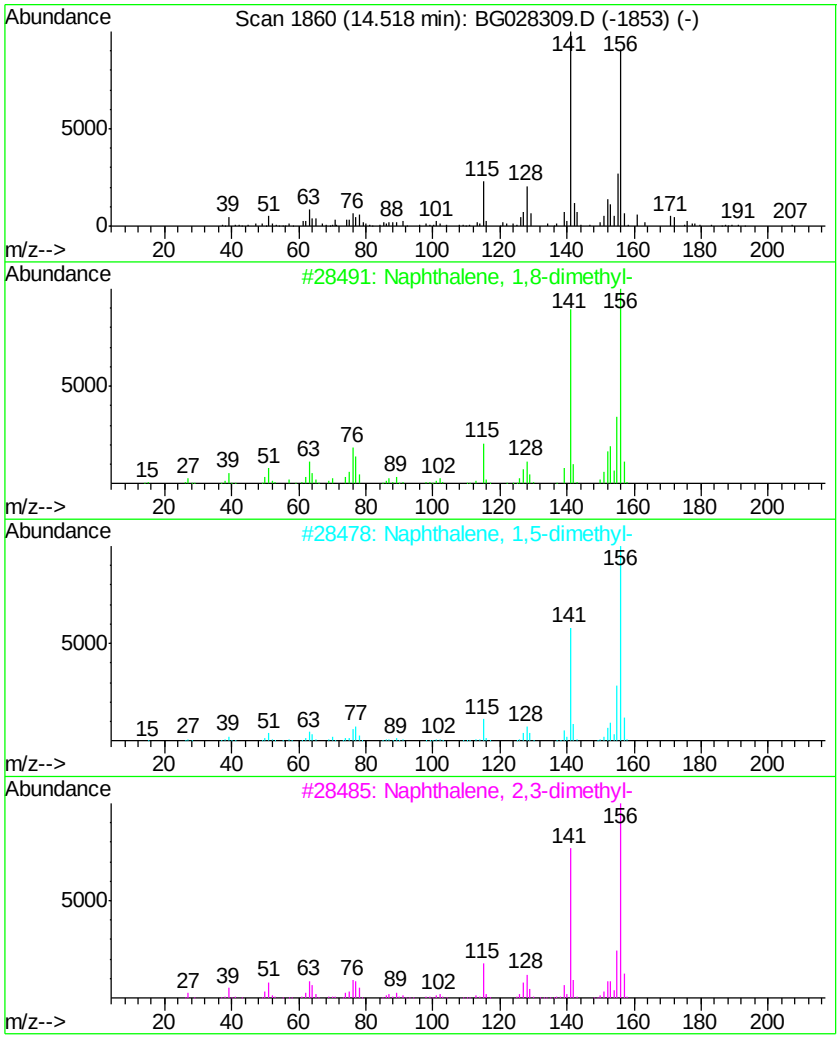
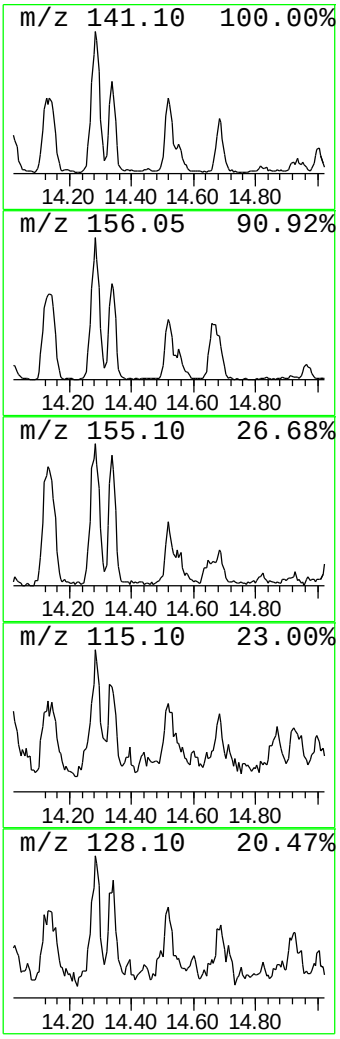
Peak Number 20 Naphthalene, 1,8-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	5.44 ng/ul	294892	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90





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Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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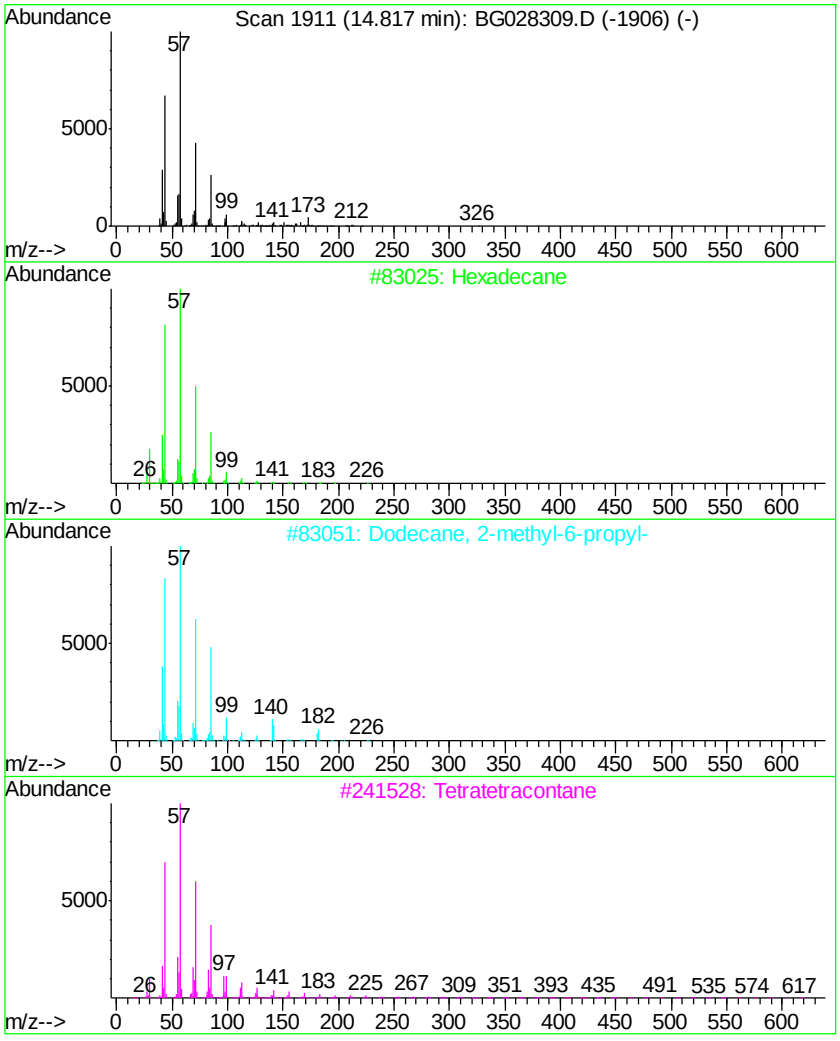
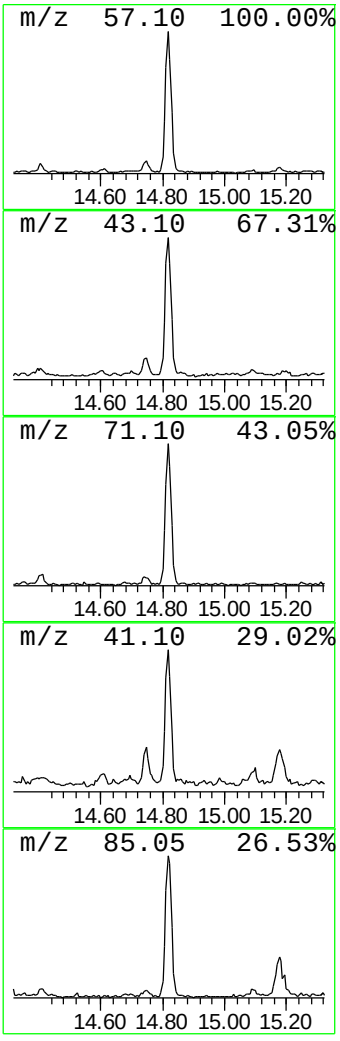
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	9.54 ng/ul	517055	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Tetratetracontane	619	C44H90	007098-22-8	78
4	Pentadecane	212	C15H32	000629-62-9	78
5	Tridecane	184	C13H28	000629-50-5	72





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Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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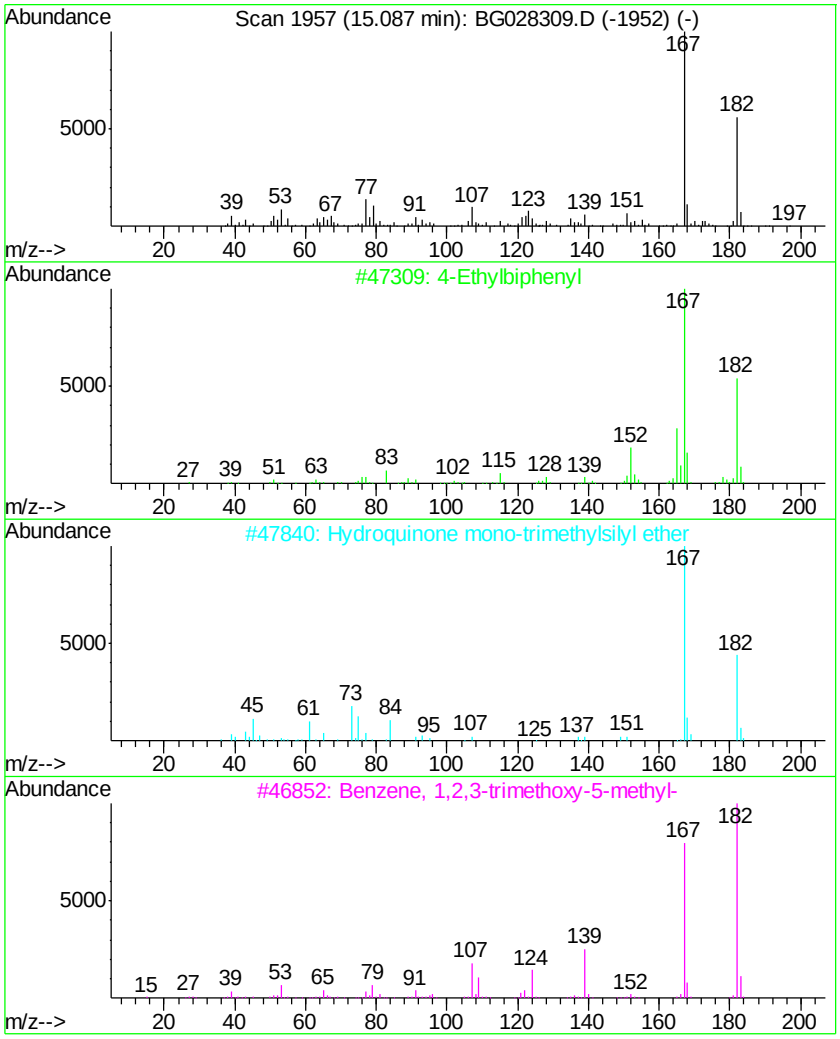
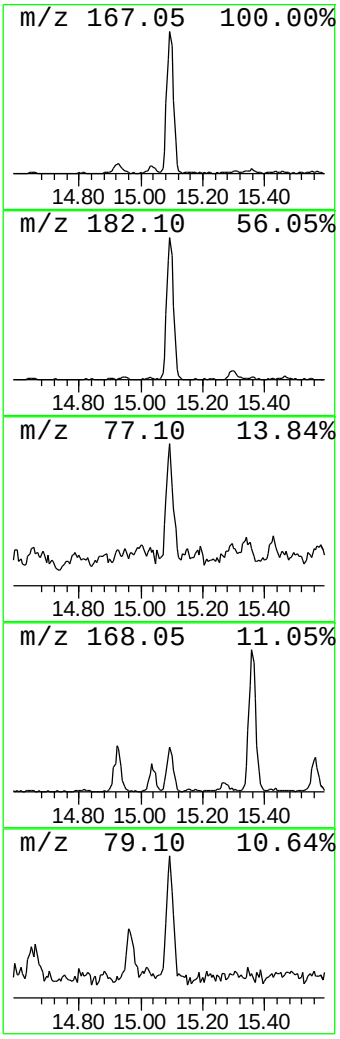
Peak Number 22 4-Ethylbiphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	10.10 ng/ul	547667	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbiphenyl	182	C14H14	005707-44-8	72
2	Hydroquinone mono-trimethylsilyl...	182	C9H14O2Si	017881-87-7	72
3	Benzene, 1,2,3-trimethoxy-5-methyl-	182	C10H14O3	006443-69-2	64
4	5-tert-Butylpyrogallol	182	C10H14O3	020481-17-8	64
5	1-Methyl-1,6-diazaplenalene	182	C12H10N2	079691-99-9	50





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Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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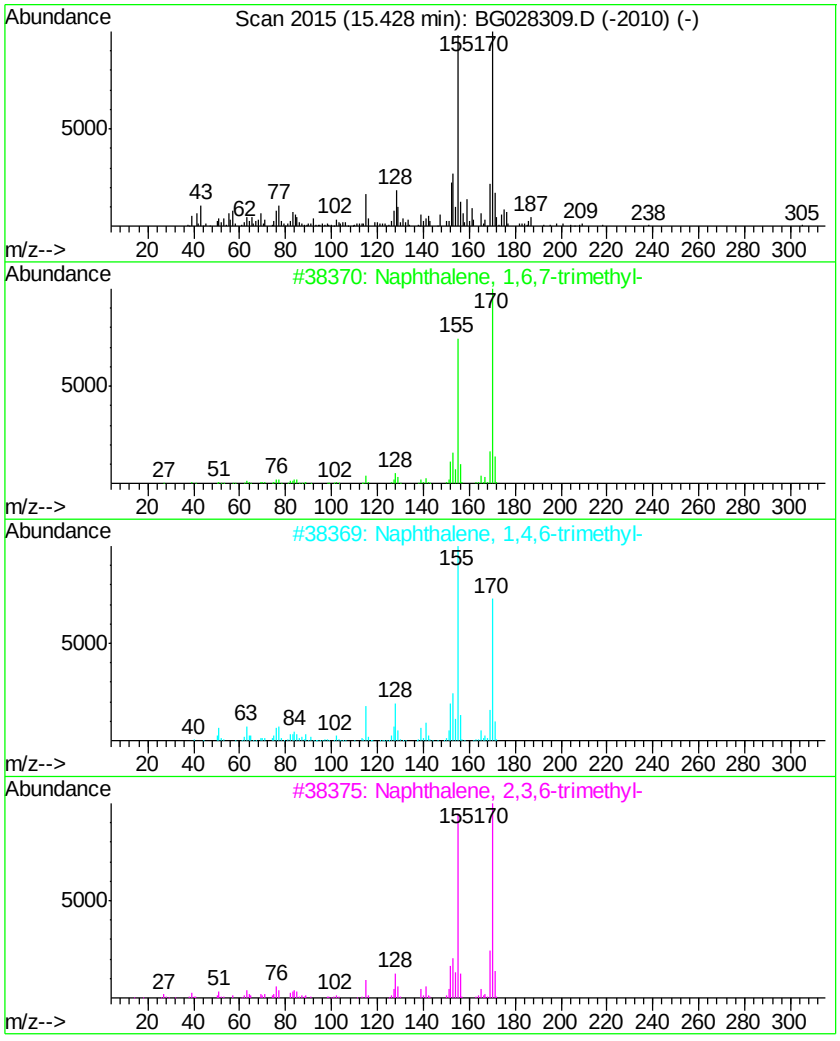
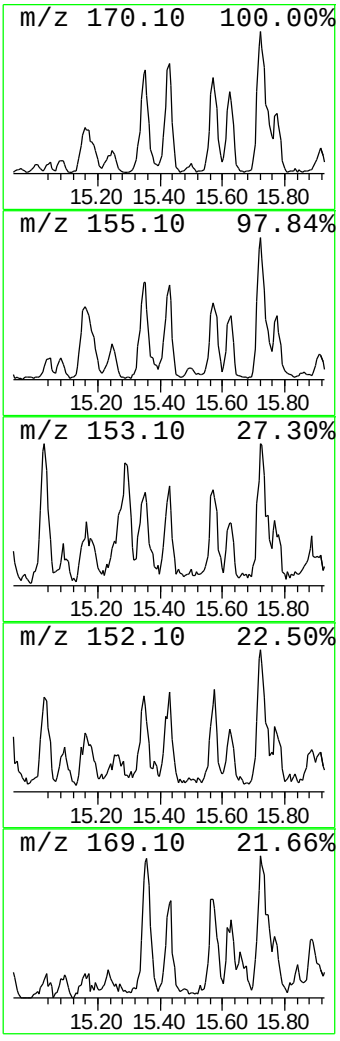
Peak Number 23 Naphthalene, 1,6,7-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	5.98 ng/ul	323964	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





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Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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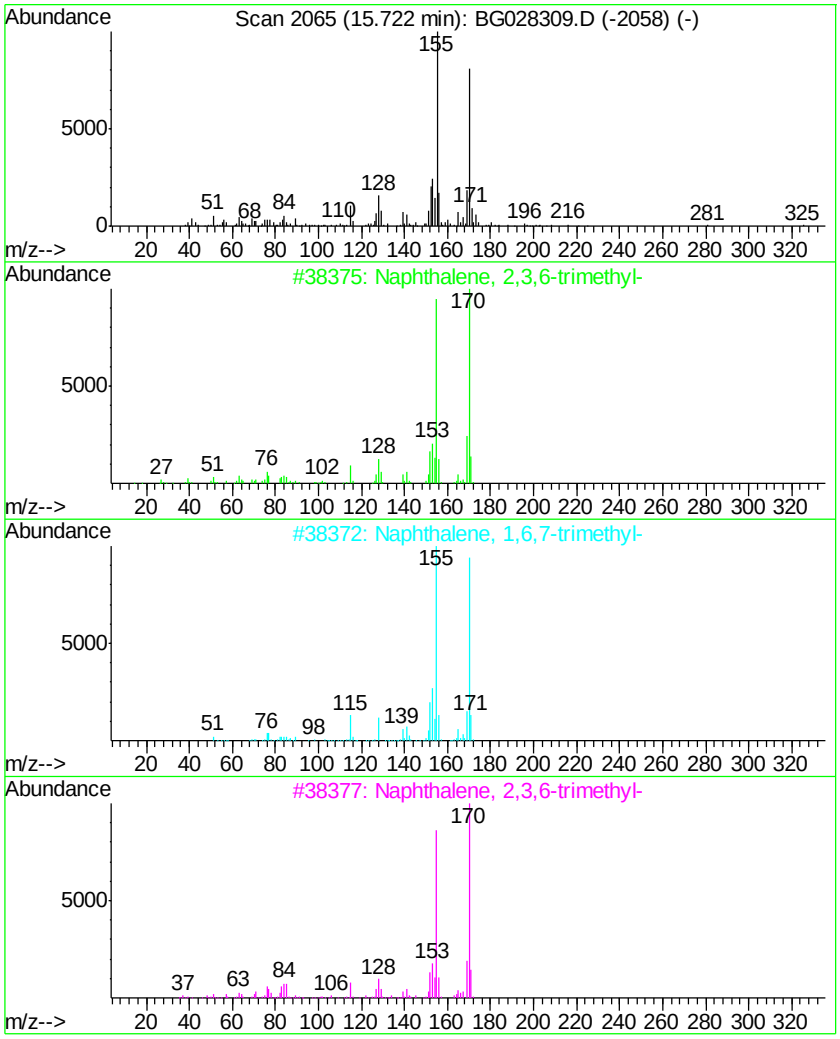
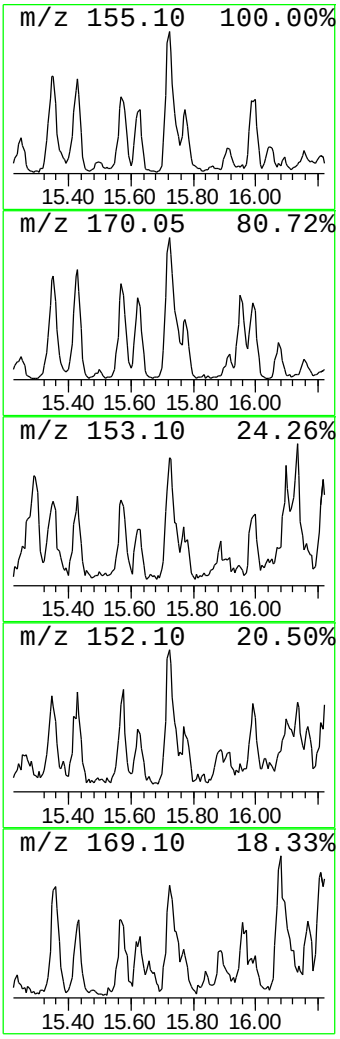
Peak Number 26 Naphthalene, 2,3,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	7.94 ng/ul	430572	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





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Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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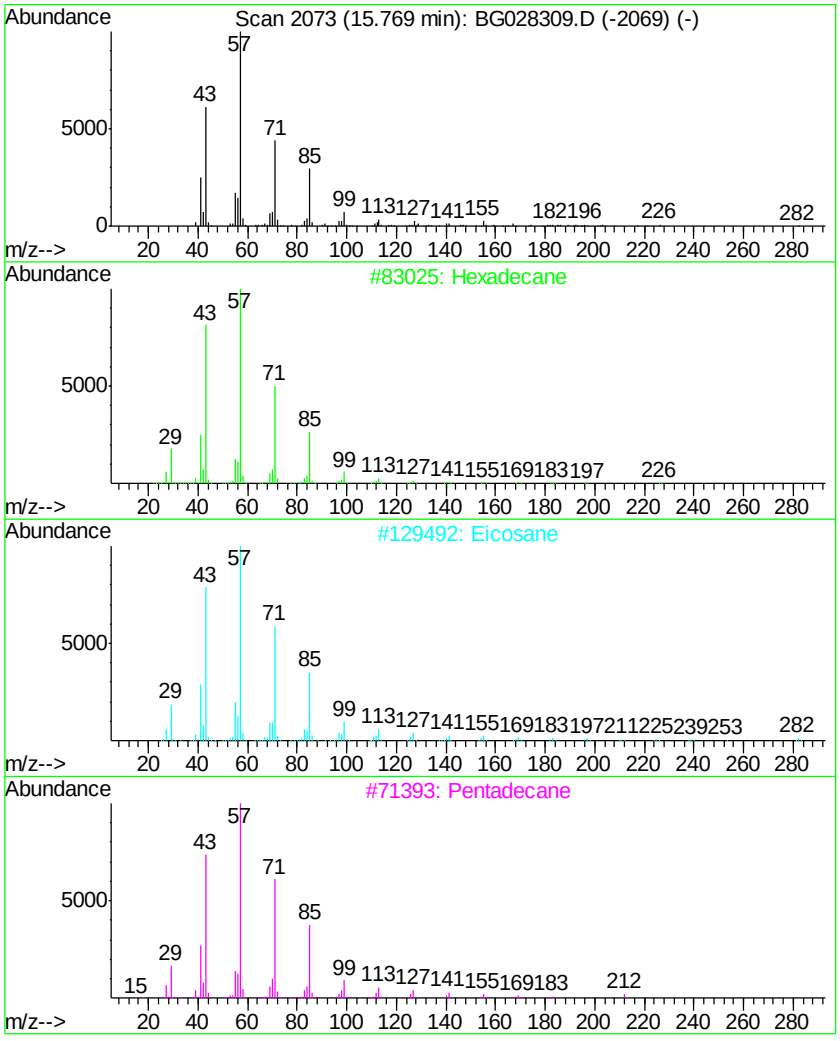
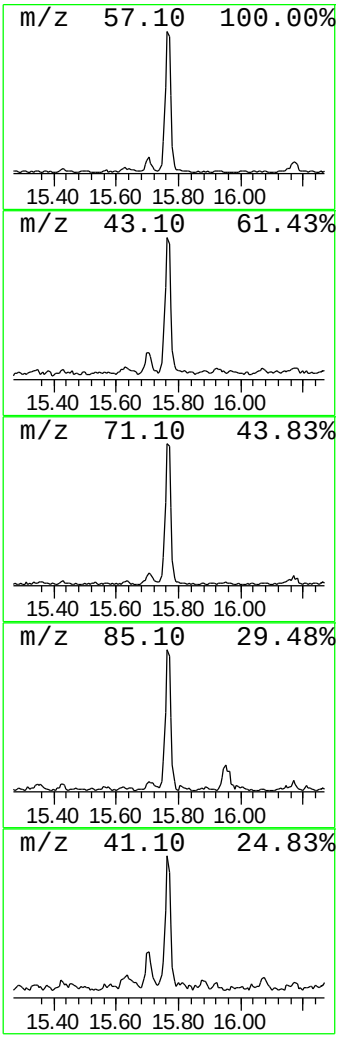
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	9.04 ng/ul	489954	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Eicosane	282	C20H42	000112-95-8	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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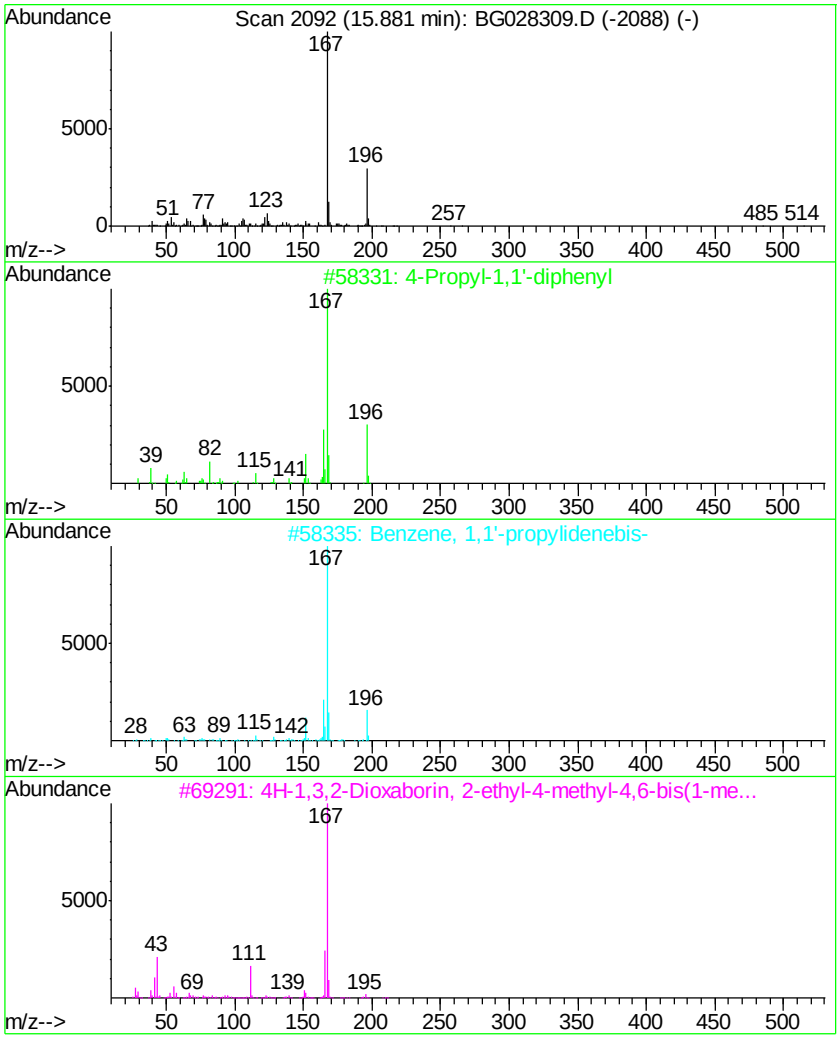
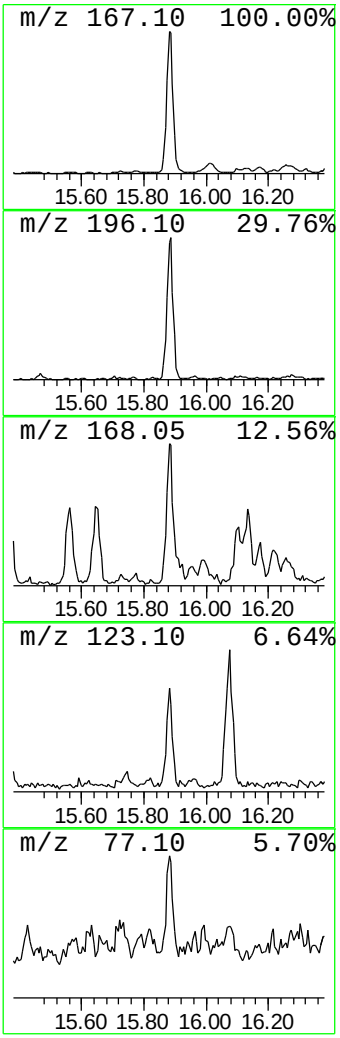
Peak Number 28 4-Propyl-1,1'-diphenyl Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	8.85 ng/ul	479694	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Propyl-1,1'-diphenyl	196	C15H16	010289-45-9	64
2	Benzene, 1,1'-propylidenebis-	196	C15H16	001530-03-6	38
3	4H-1,3,2-Dioxaborin, 2-ethyl-4-m...	210	C12H23BO2	074421-11-7	36
4	2-Benzhydrylsulfanyl-5-furan-2-y...	334	C19H14N2O2S	350497-80-2	33
5	1-Isopropoxy-2-dimethyl-(allyl)-...	250	C14H22O2Si	1000292-68-0	33





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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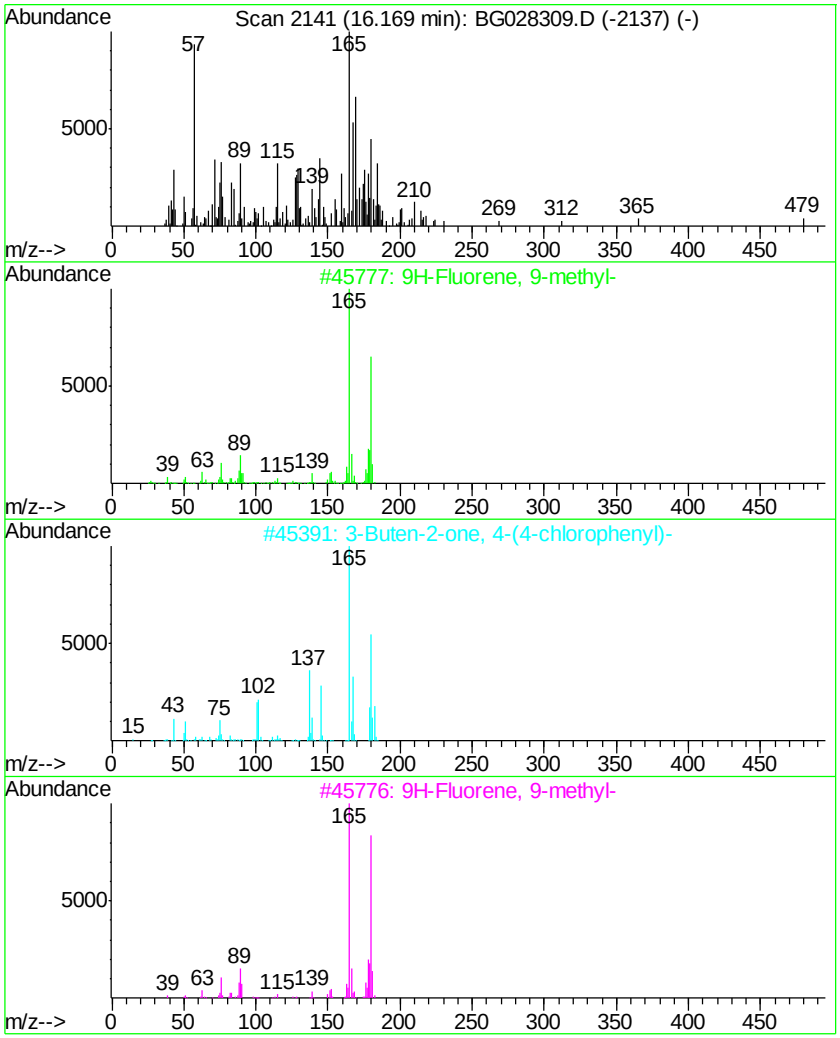
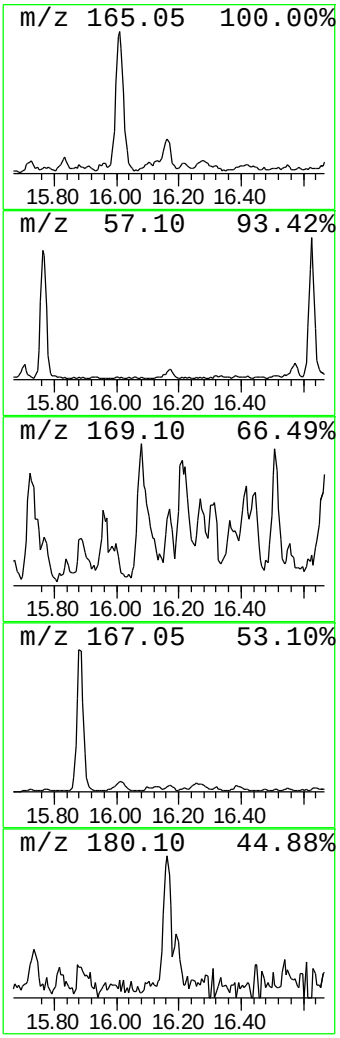
Peak Number 29 unknown05 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.24 ng/ul	121499	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	42
2	3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	38
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	30
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	30
5	1,3-Phenylenediamine, N-trimethy...	180	C9H16N2Si	1000374-68-0	27





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Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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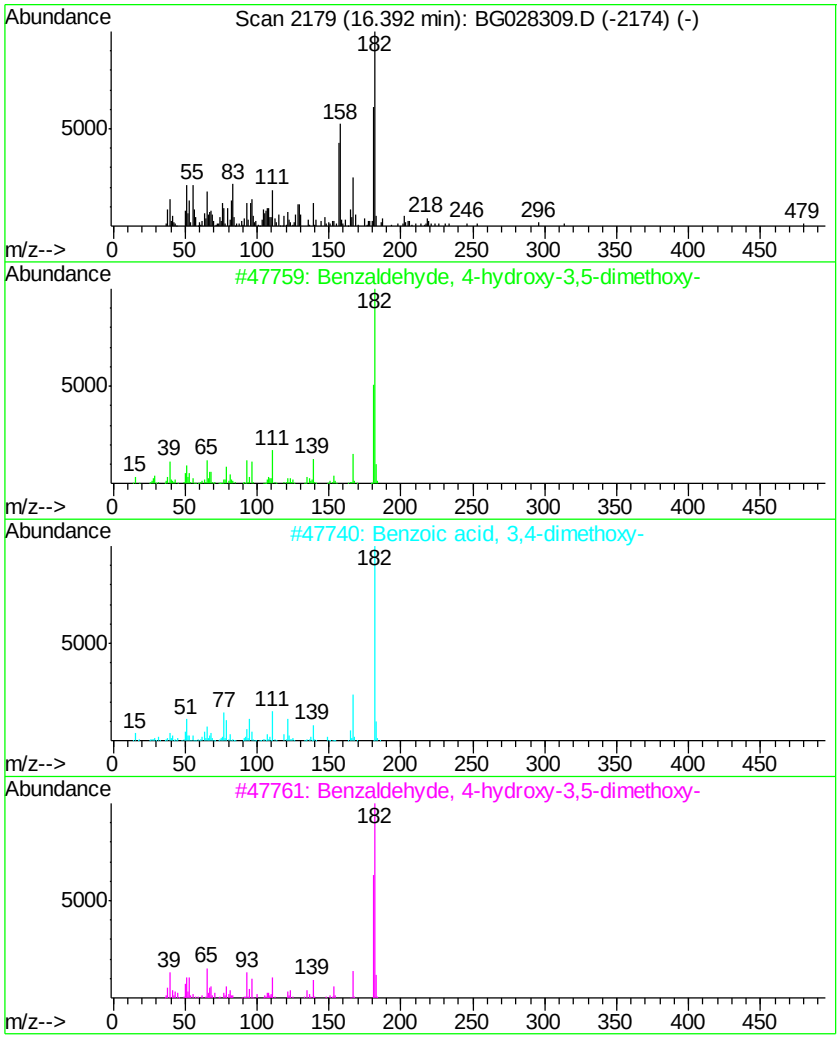
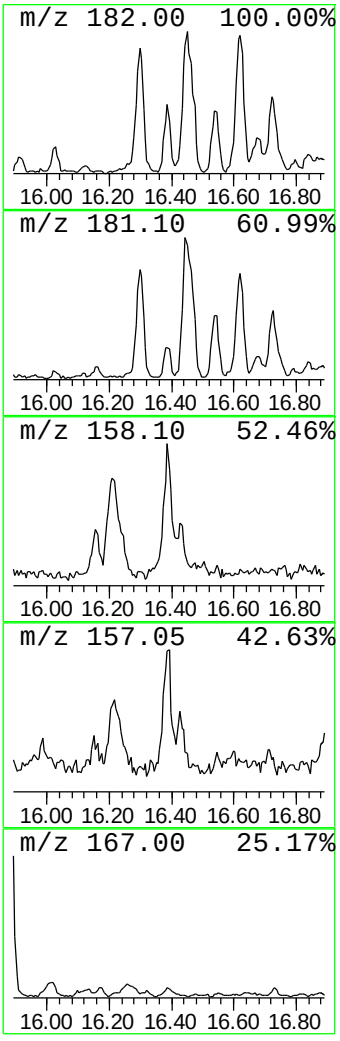
Peak Number 30 Benzaldehyde, 4-hydroxy-3,5... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	3.30 ng/ul	173446	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	58
2	Benzoic acid, 3,4-dimethoxy-	182	C9H10O4	000093-07-2	45
3	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	40
4	4-Acetoxy-3,5-dimethoxybenzaldehyde	224	C11H12O5	053669-33-3	38
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	35





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Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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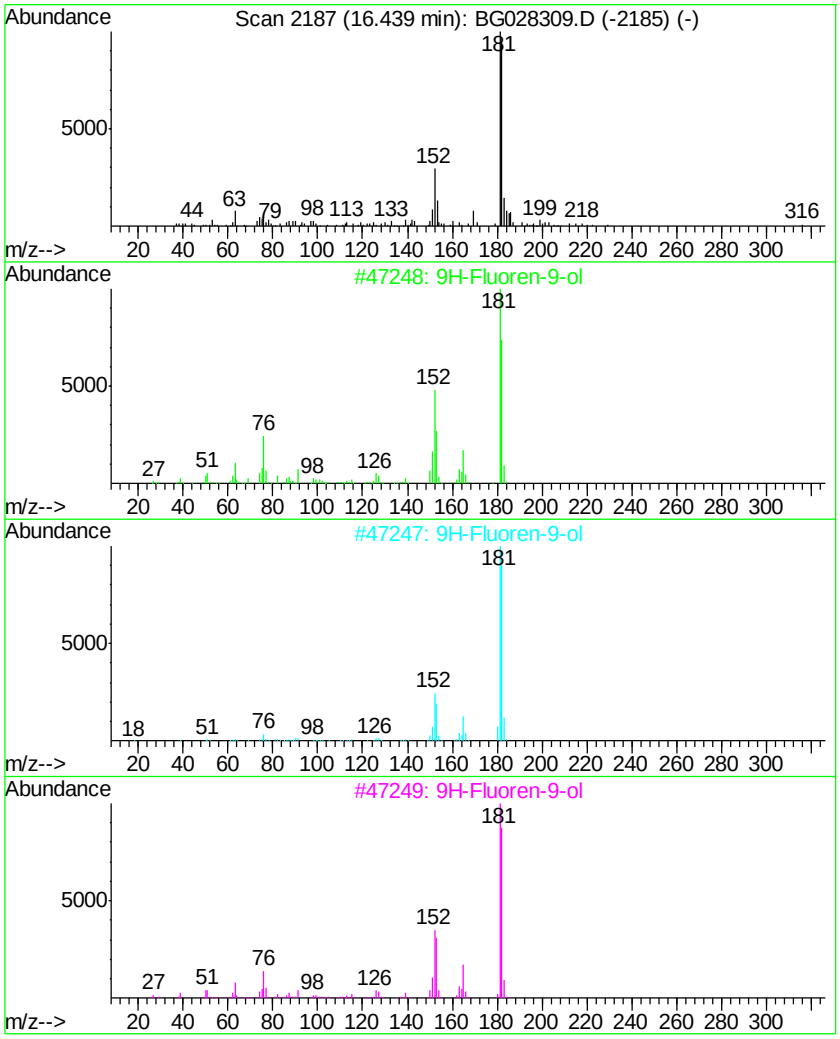
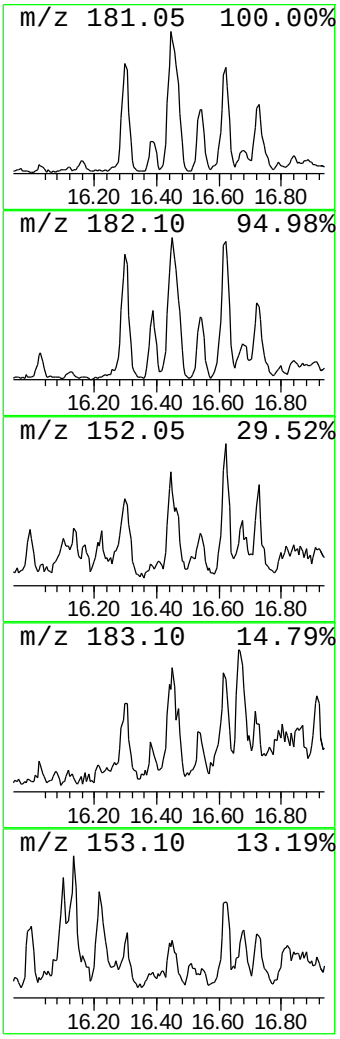
Peak Number 31 9H-Fluoren-9-ol Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	6.05 ng/ul	317942	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	72
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	59





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Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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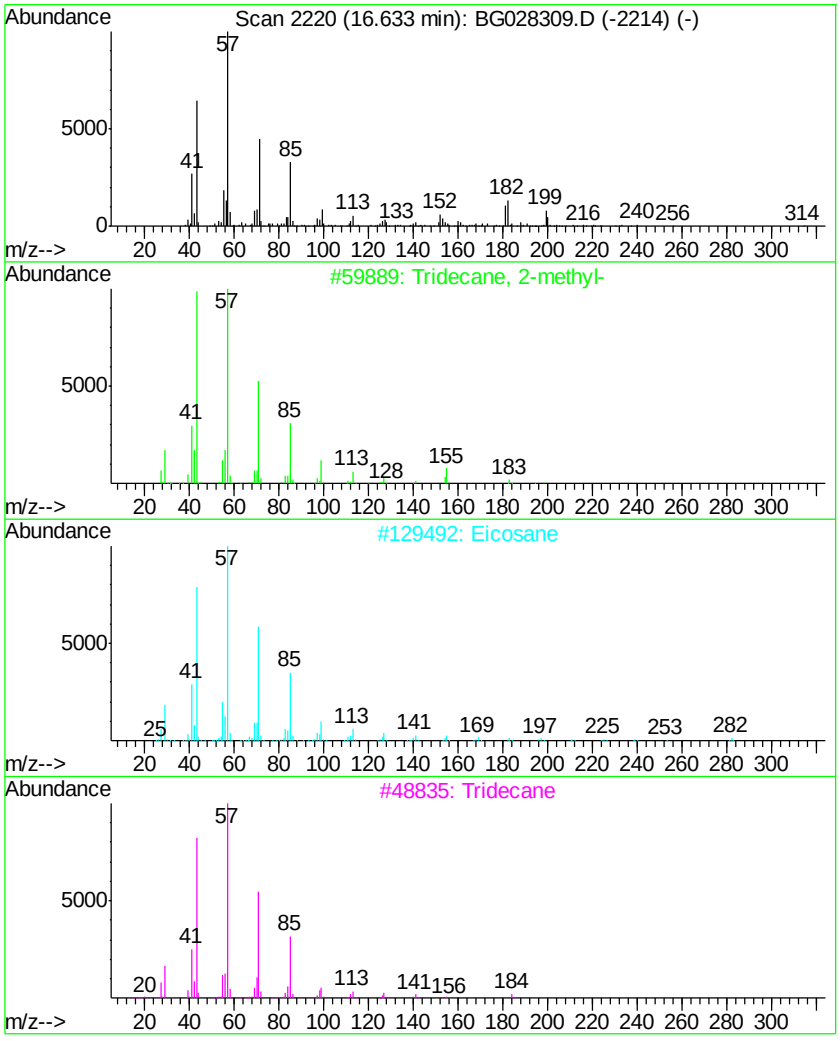
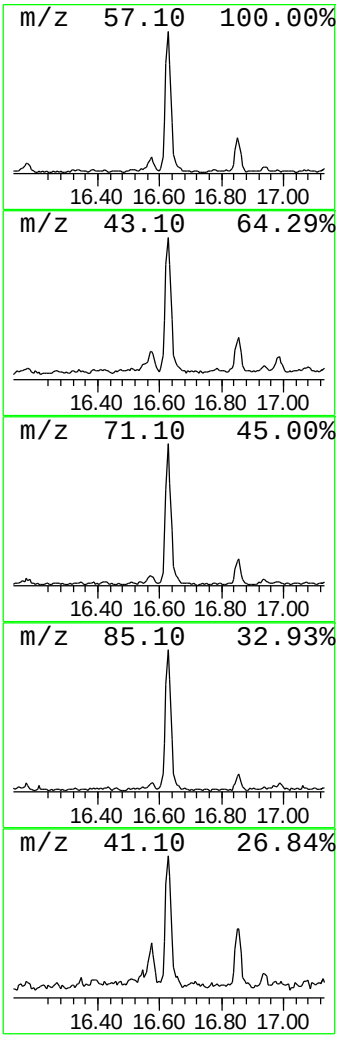
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	13.10 ng/ul	687765	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	50
2	Eicosane	282	C20H42	000112-95-8	49
3	Tridecane	184	C13H28	000629-50-5	49
4	Hexadecane	226	C16H34	000544-76-3	49
5	Hexadecane	226	C16H34	000544-76-3	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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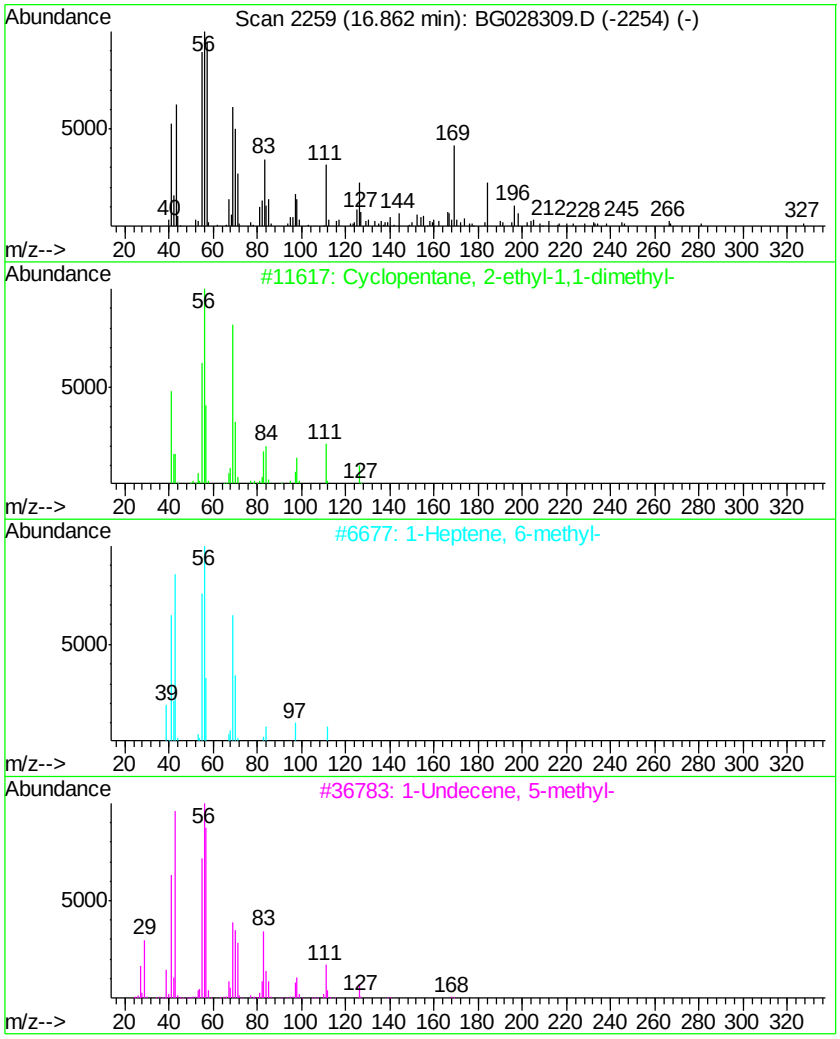
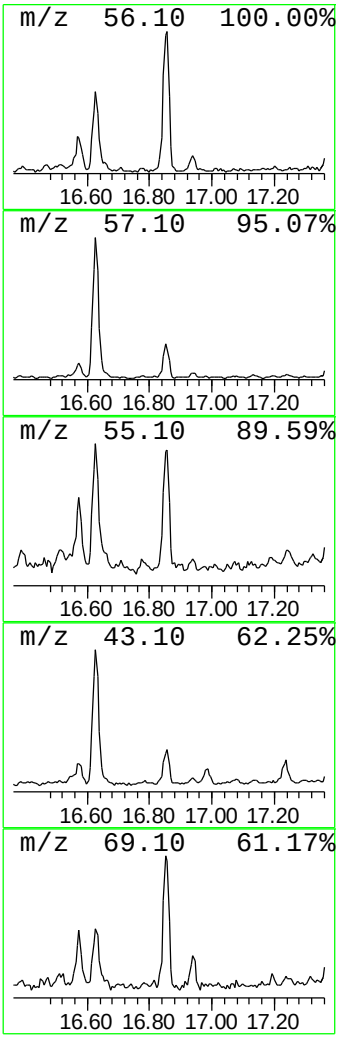
Peak Number 35 (DEL) Alkane: Cyclic16.86 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	4.39 ng/ul	230499	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	68
2	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	64
3	1-Undecene, 5-methyl-	168	C12H24	074630-38-9	64
4	1-Undecene, 10-methyl-	168	C12H24	022370-55-4	49
5	Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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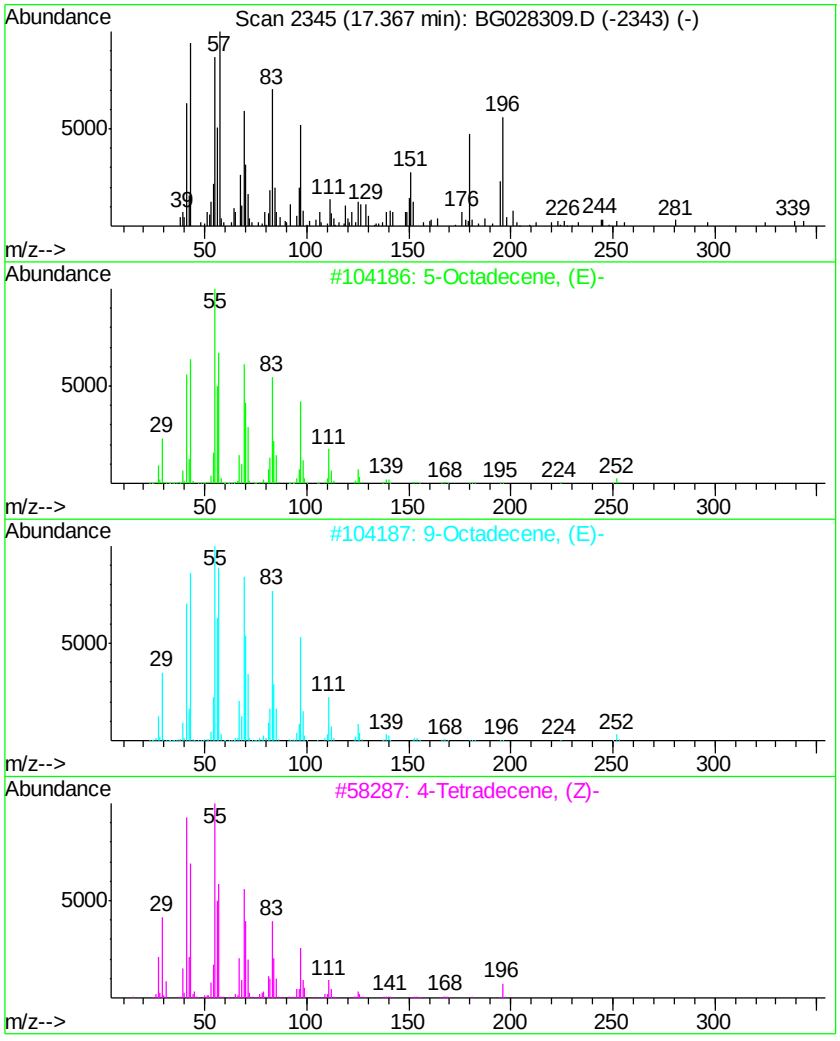
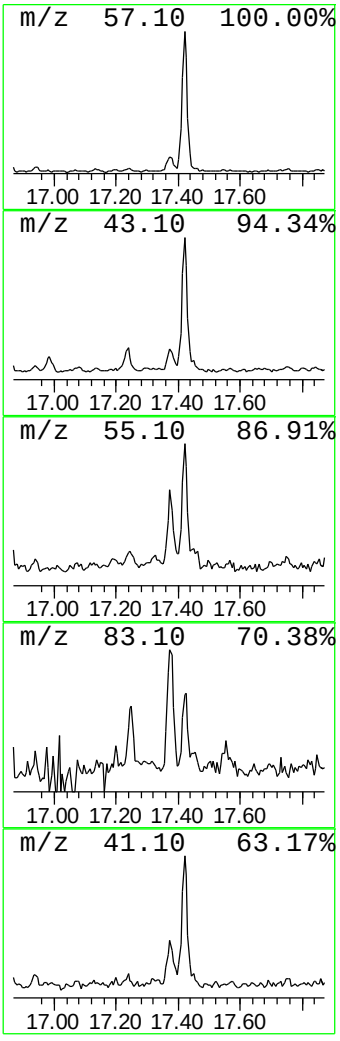
Peak Number 40 (DEL) Alkane: Cyclic17.37 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	3.31 ng/ul	173614	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	95
3	4-Tetradecene, (Z)-	196	C14H28	041446-65-5	76
4	1-Octadecene	252	C18H36	000112-88-9	70
5	Cyclotetradecane	196	C14H28	000295-17-0	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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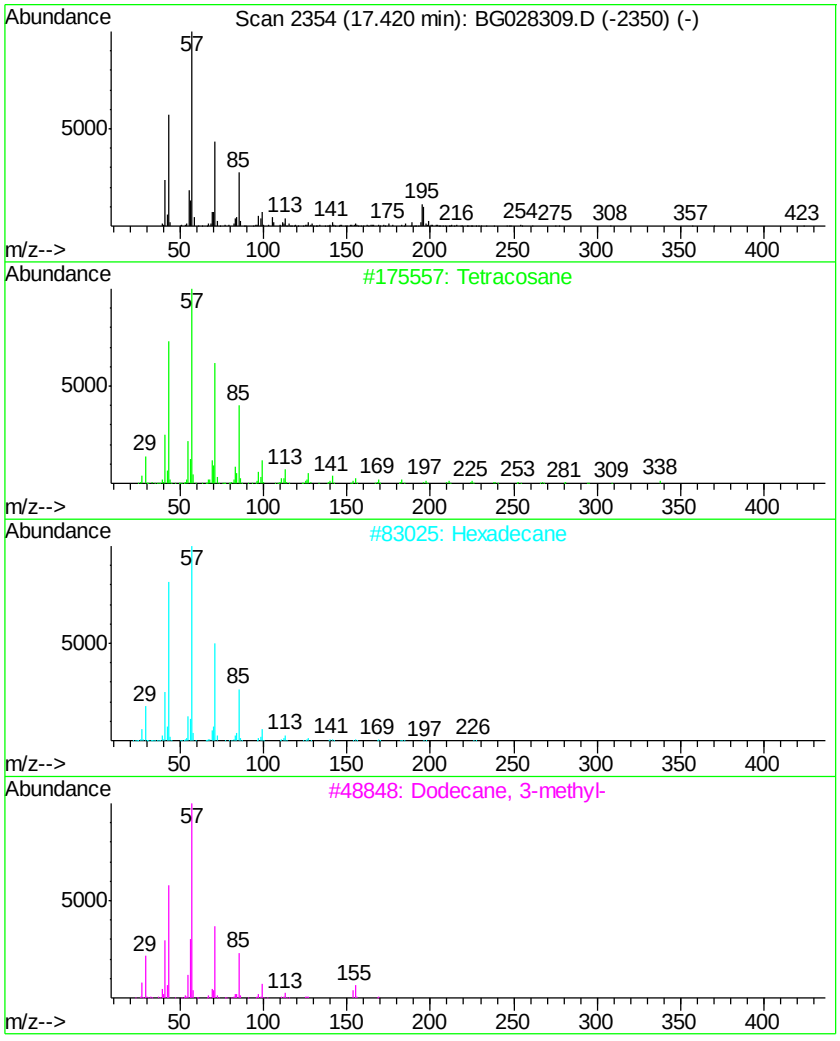
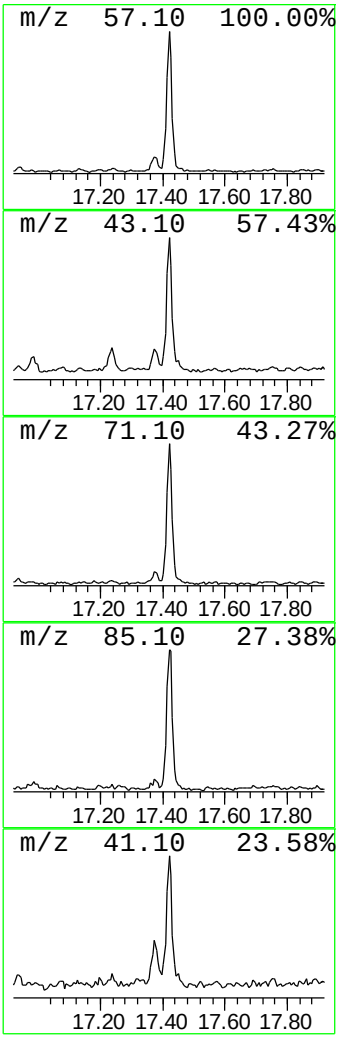
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	16.73 ng/ul	878814	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	72
2	Hexadecane	226	C16H34	000544-76-3	64
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4	Nonadecane	268	C19H40	000629-92-5	58
5	Tridecane	184	C13H28	000629-50-5	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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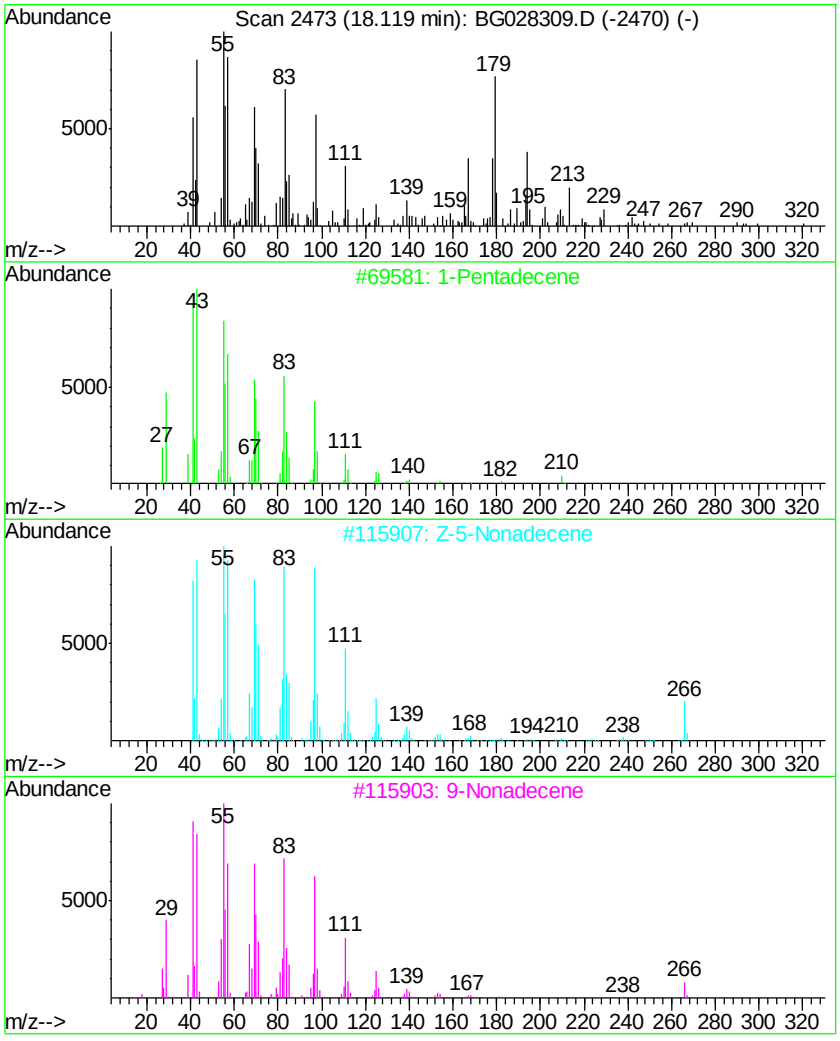
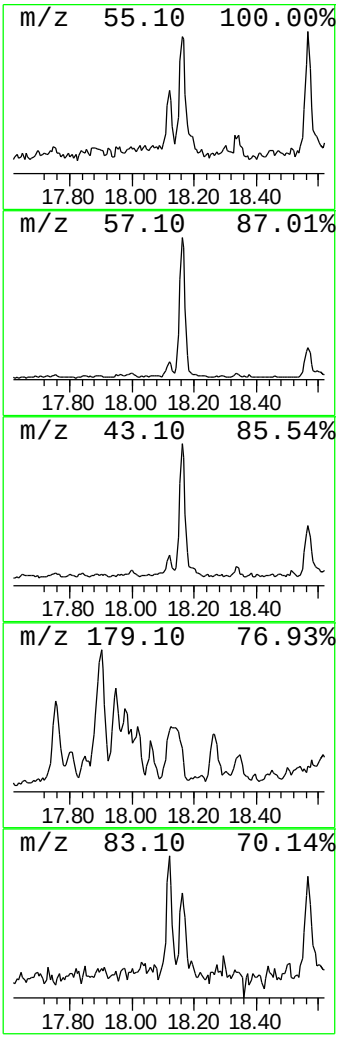
Peak Number 45 (DEL) Alkane: Cyclic18.12 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	3.66 ng/ul	192096	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	50
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	49
3	9-Nonadecene	266	C19H38	031035-07-1	42
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	38
5	11-Tricosene	322	C23H46	052078-56-5	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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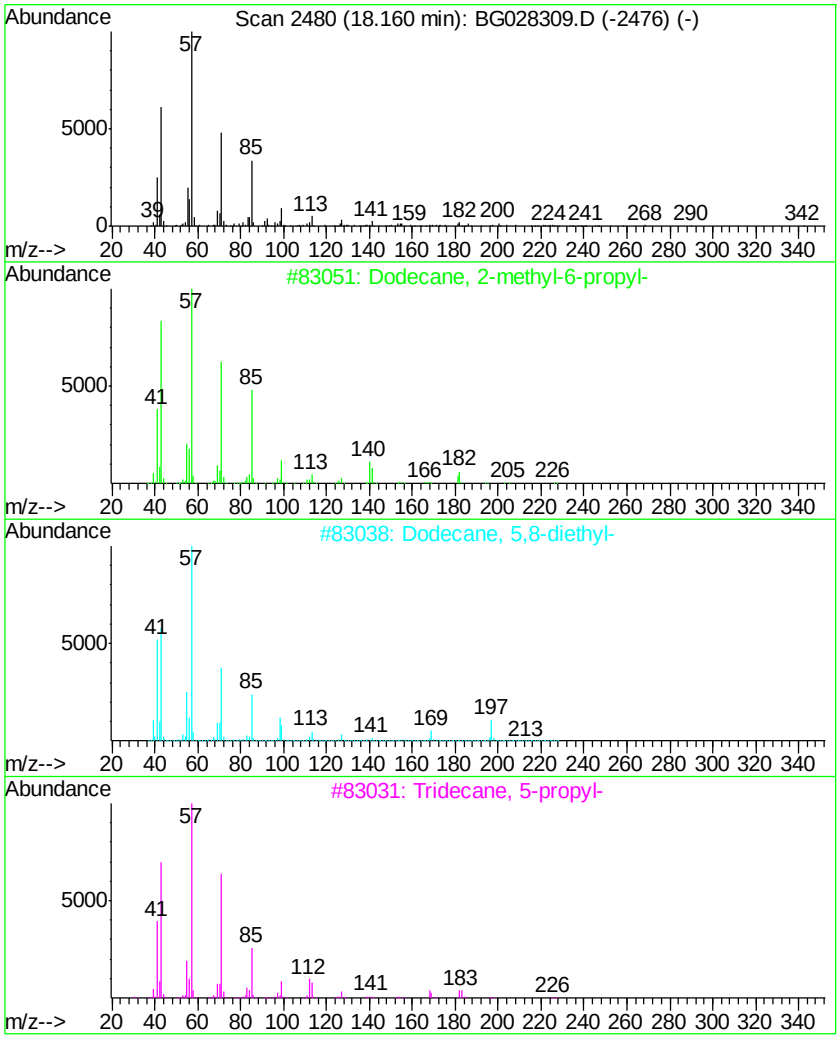
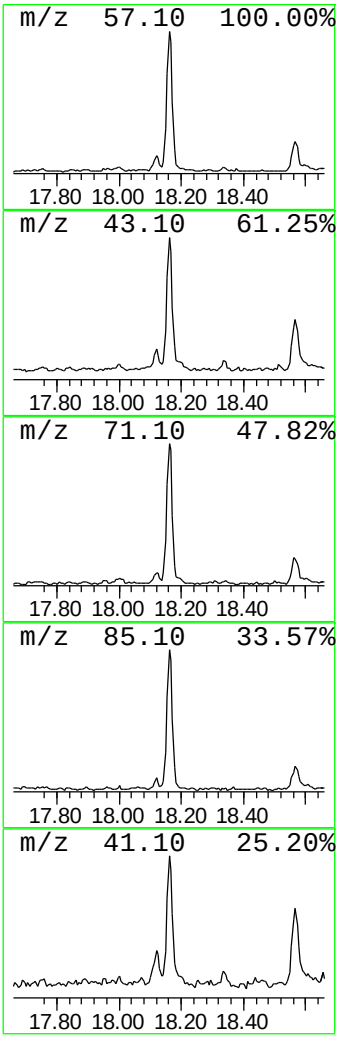
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	15.91 ng/ul	835696	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	86
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86
5	Heneicosane	296	C21H44	000629-94-7	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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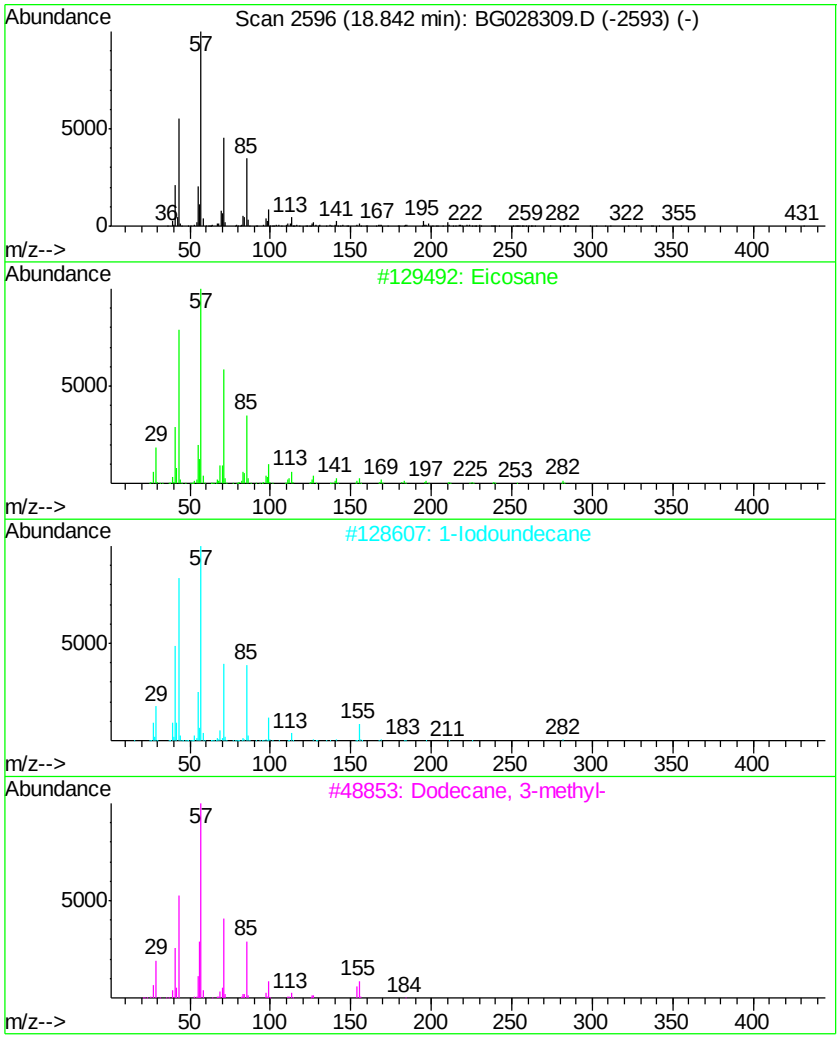
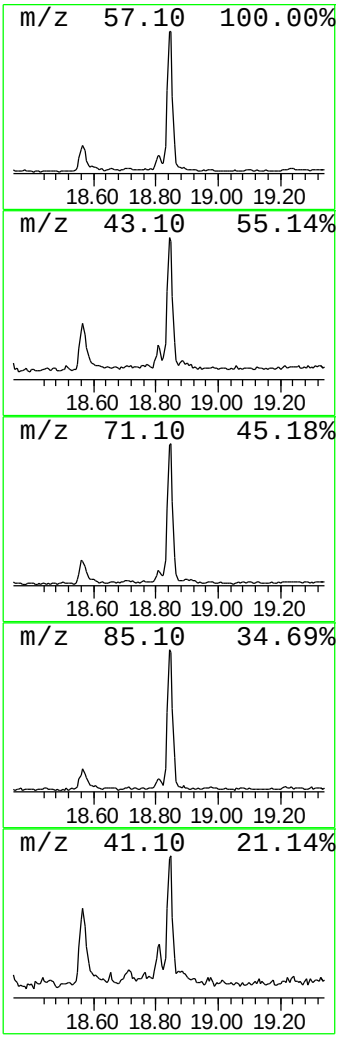
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	10.36 ng/ul	544124	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	80
2	1-Iodoundecane	282	C11H23I	004282-44-4	74
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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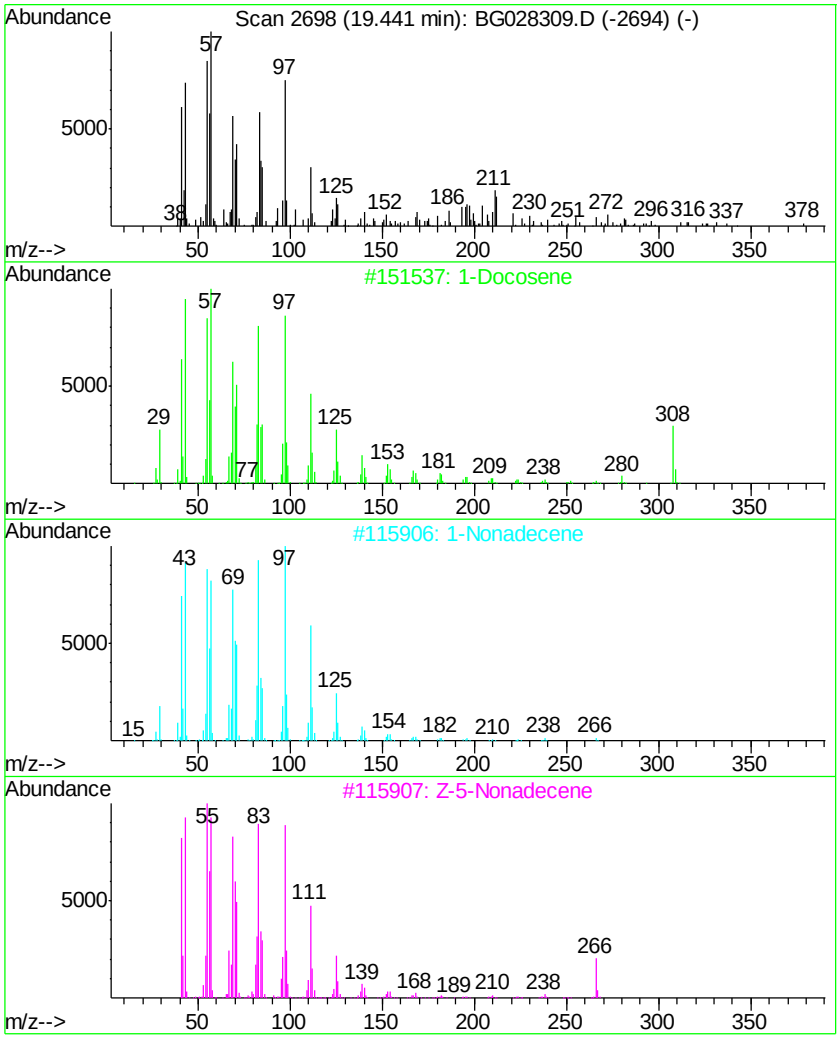
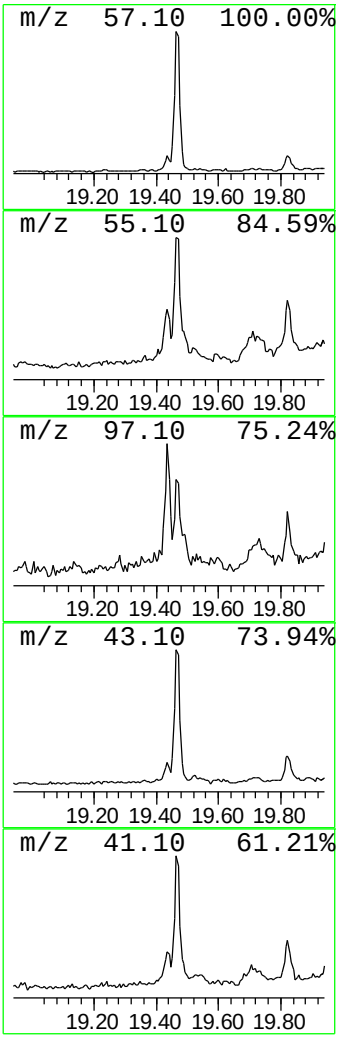
Peak Number 52 (DEL) Alkane: Cyclic19.44 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	2.61 ng/ul	137072	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	83
2	1-Nonadecene	266	C19H38	018435-45-5	68
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	64
4	Cycloeicosane	280	C20H40	000296-56-0	58
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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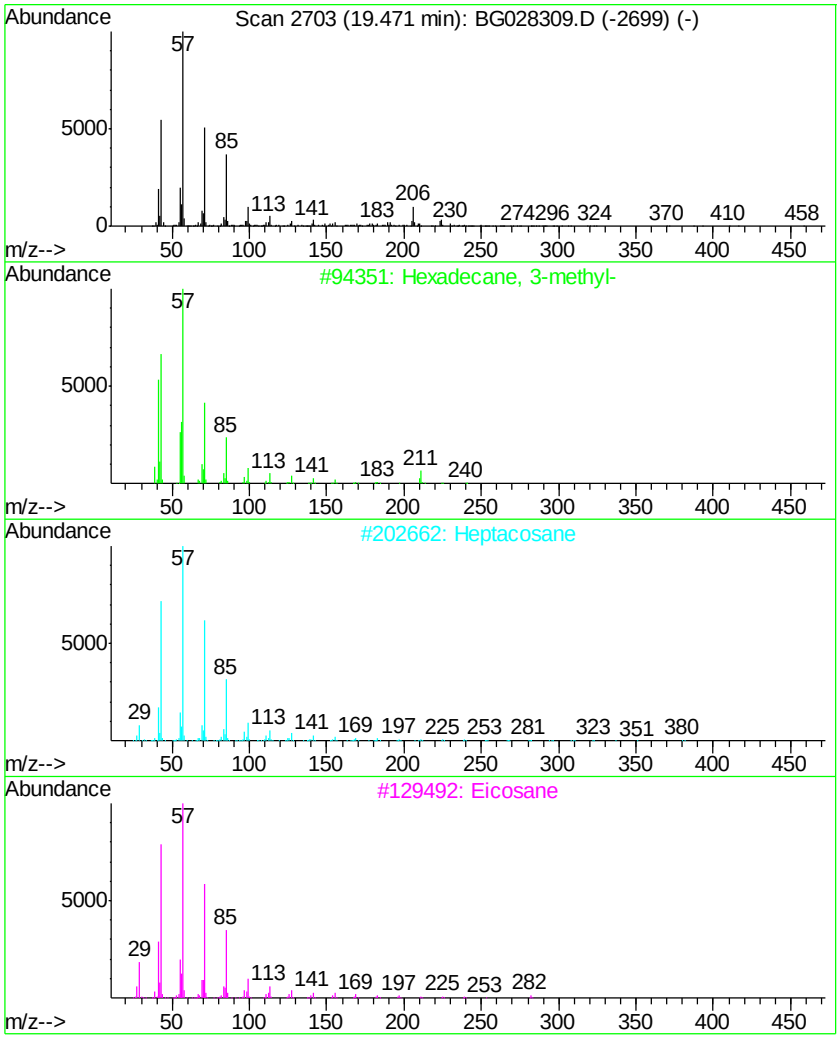
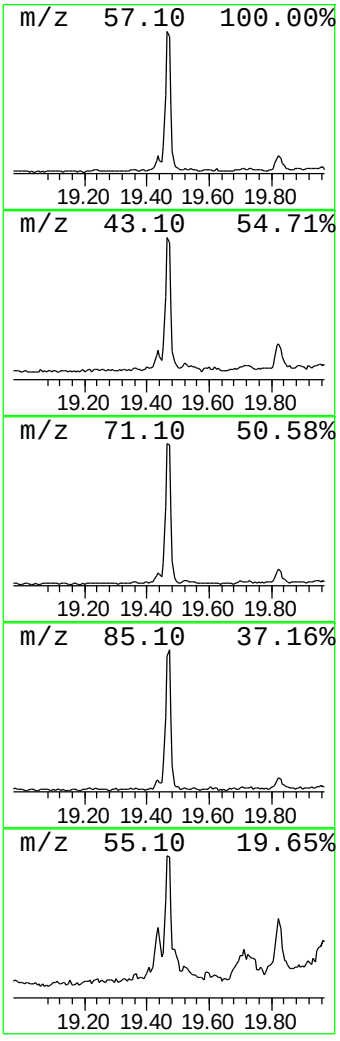
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	19.03 ng/ul	999292	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	68
2	Heptacosane	380	C27H56	000593-49-7	68
3	Eicosane	282	C20H42	000112-95-8	68
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	59
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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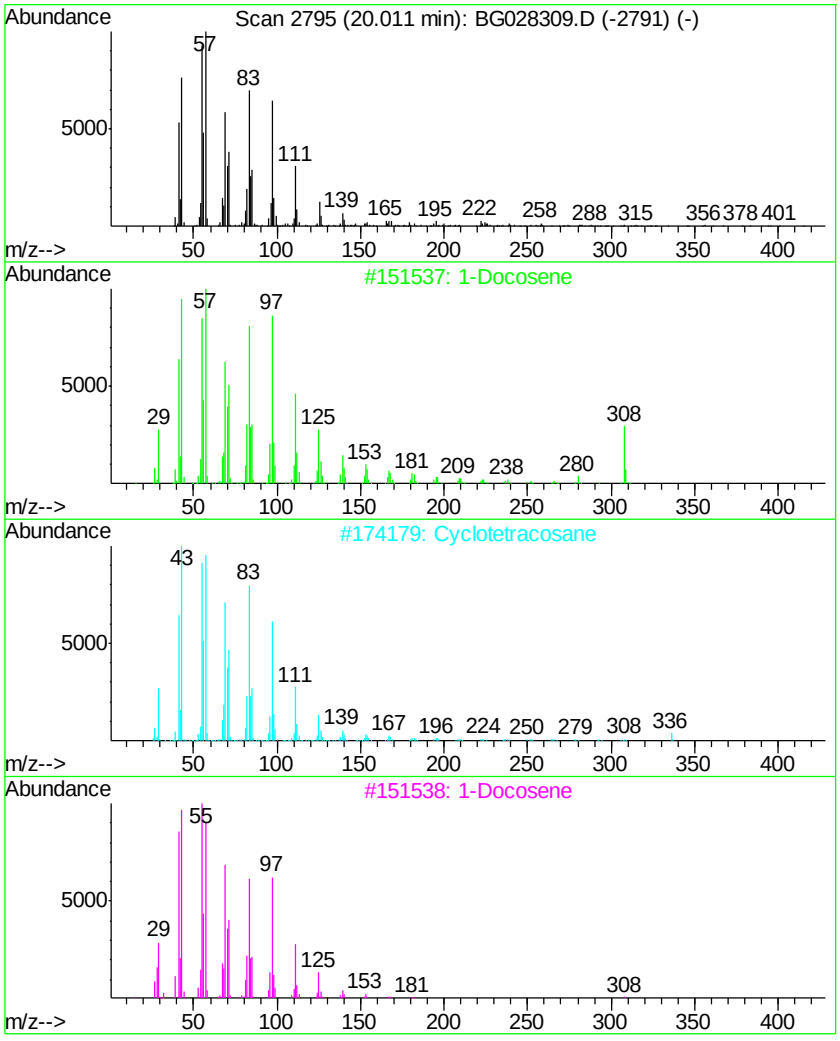
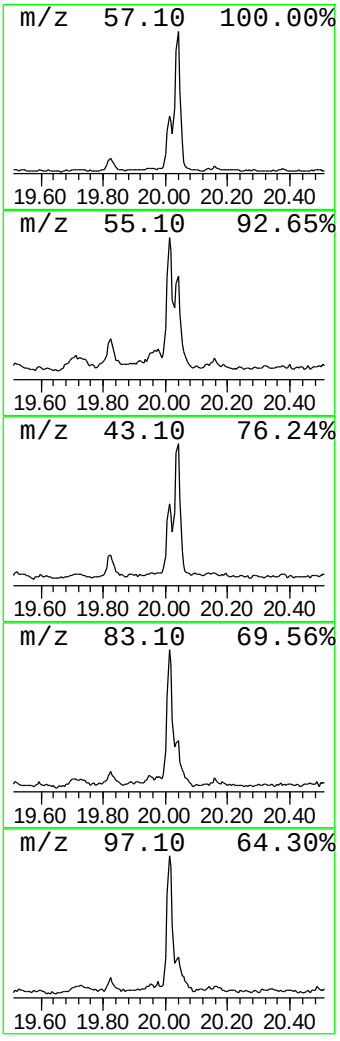
Peak Number 55 (DEL) Alkane: Cyclic20.01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	11.35 ng/ul	860763	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	1-Docosene	308	C22H44	001599-67-3	94
4	1,2-Octadecanediol	286	C18H38O2	020294-76-2	91
5	1-Octadecene	252	C18H36	000112-88-9	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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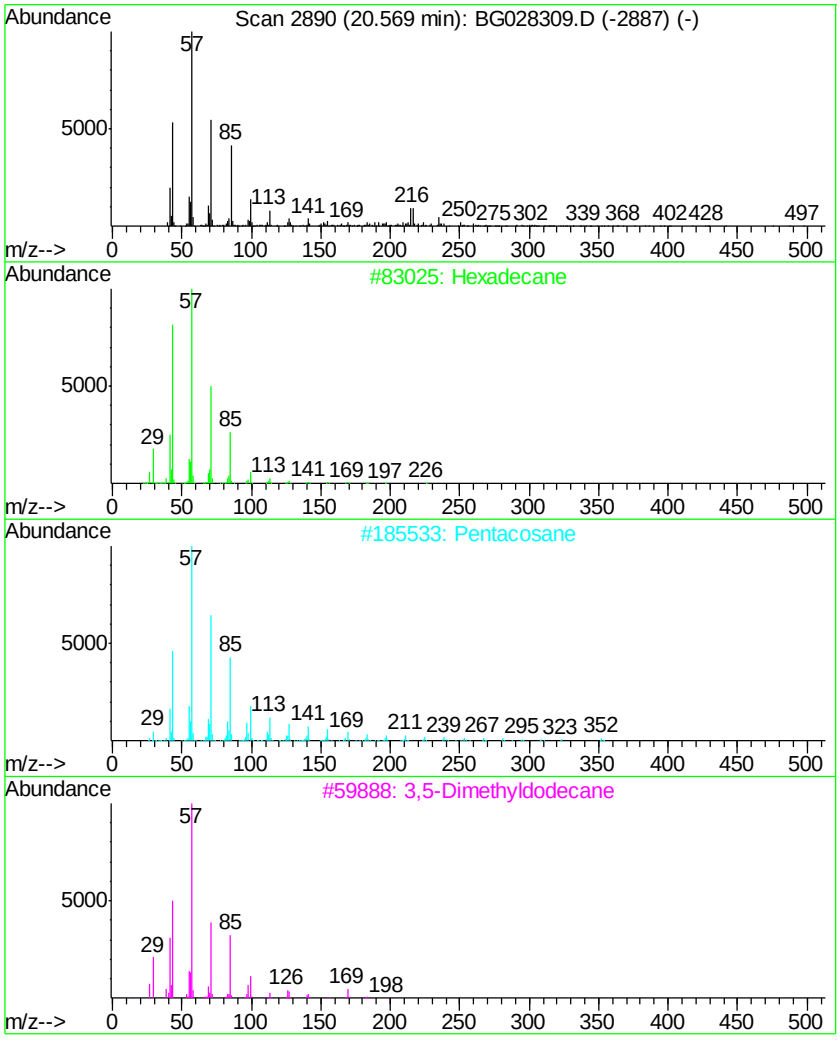
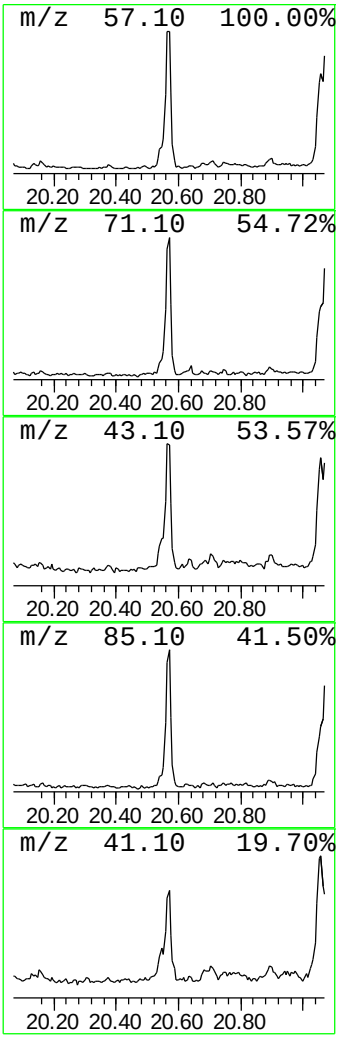
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	10.02 ng/ul	760051	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Pentacosane	352	C25H52	000629-99-2	78
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
4	Tridecane	184	C13H28	000629-50-5	68
5	Heptacosane	380	C27H56	000593-49-7	68





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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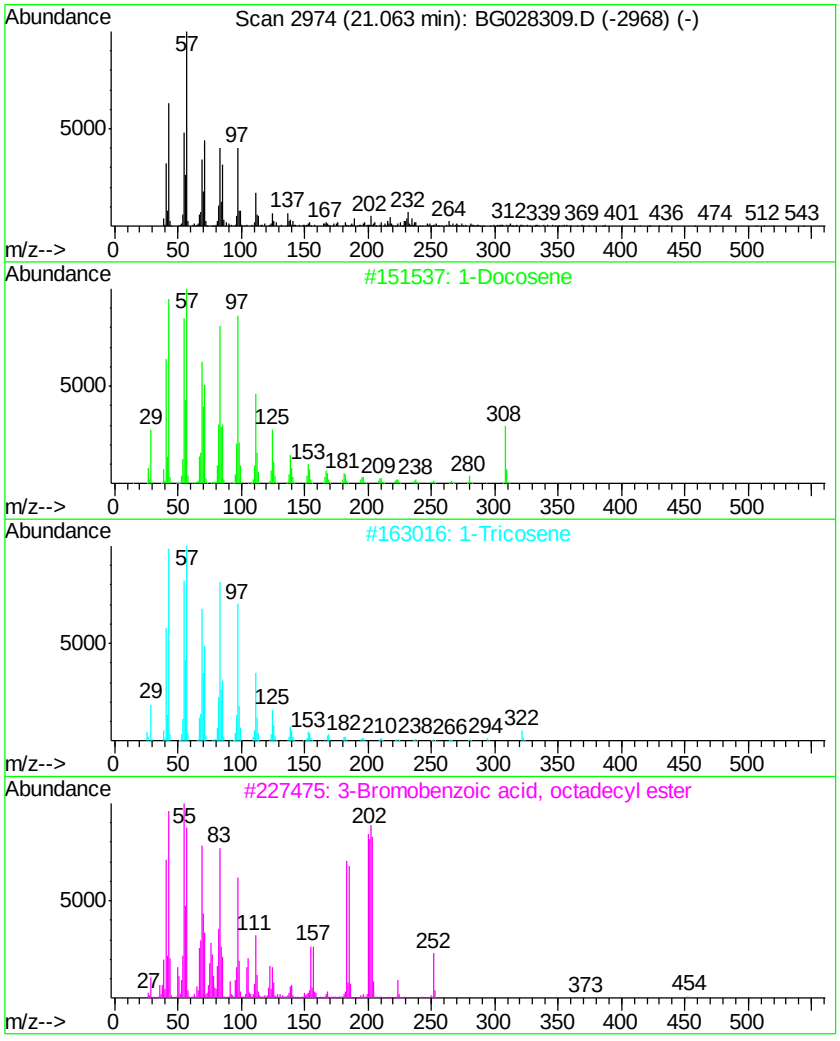
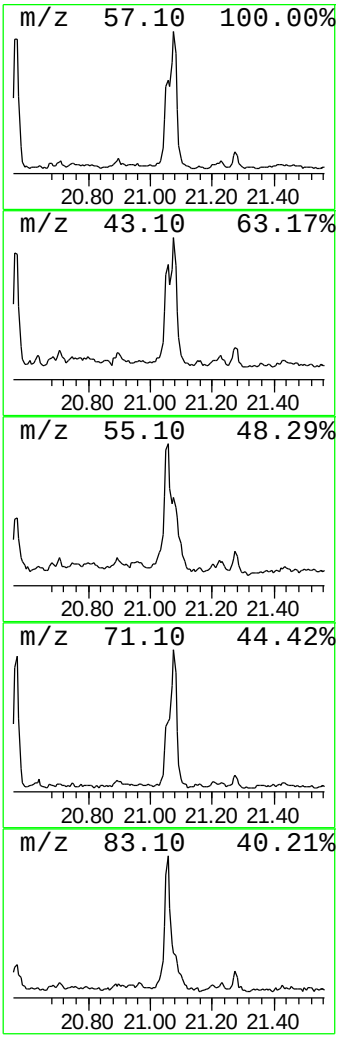
Peak Number 57 (DEL) Alkane: Cyclic21.06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	12.31 ng/ul	933424	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Tricosene	322	C23H46	018835-32-0	91
3	3-Bromobenzoic acid, octadecyl e...	452	C25H41BrO2	070153-14-9	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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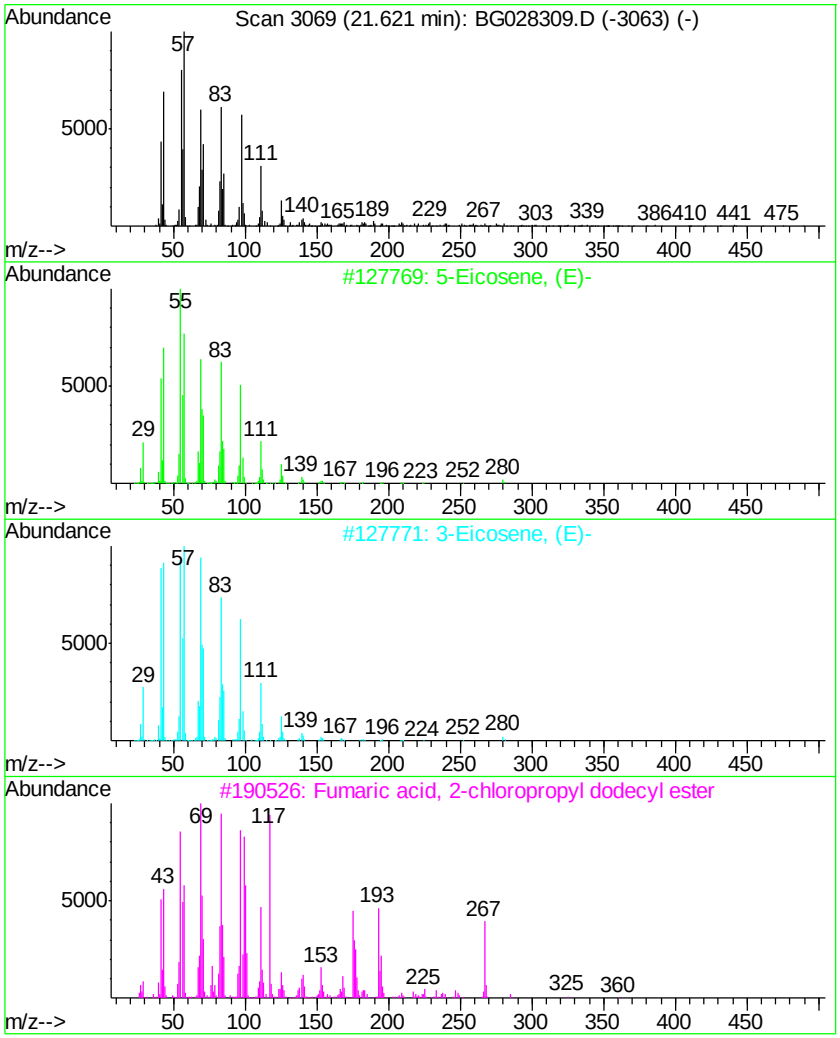
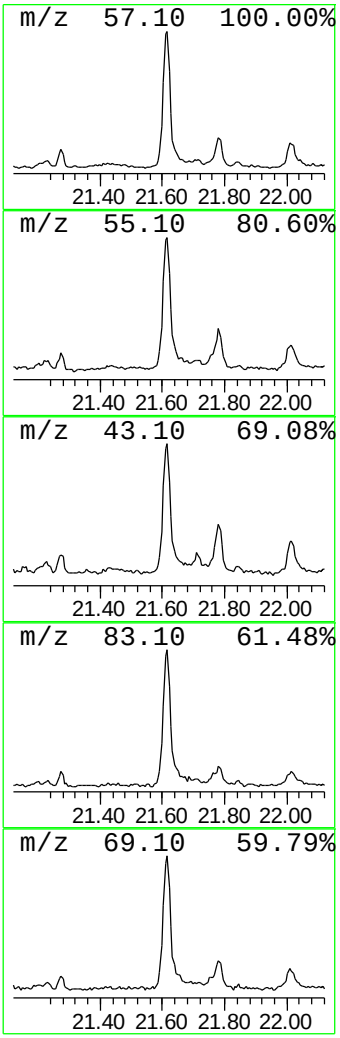
Peak Number 58 (DEL) Alkane: Cyclic21.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	19.46 ng/ul	1476460	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
3	Fumaric acid, 2-chloropropyl dod...	360	C19H33ClO4	1000348-57-0	92
4	Cycloeicosane	280	C20H40	000296-56-0	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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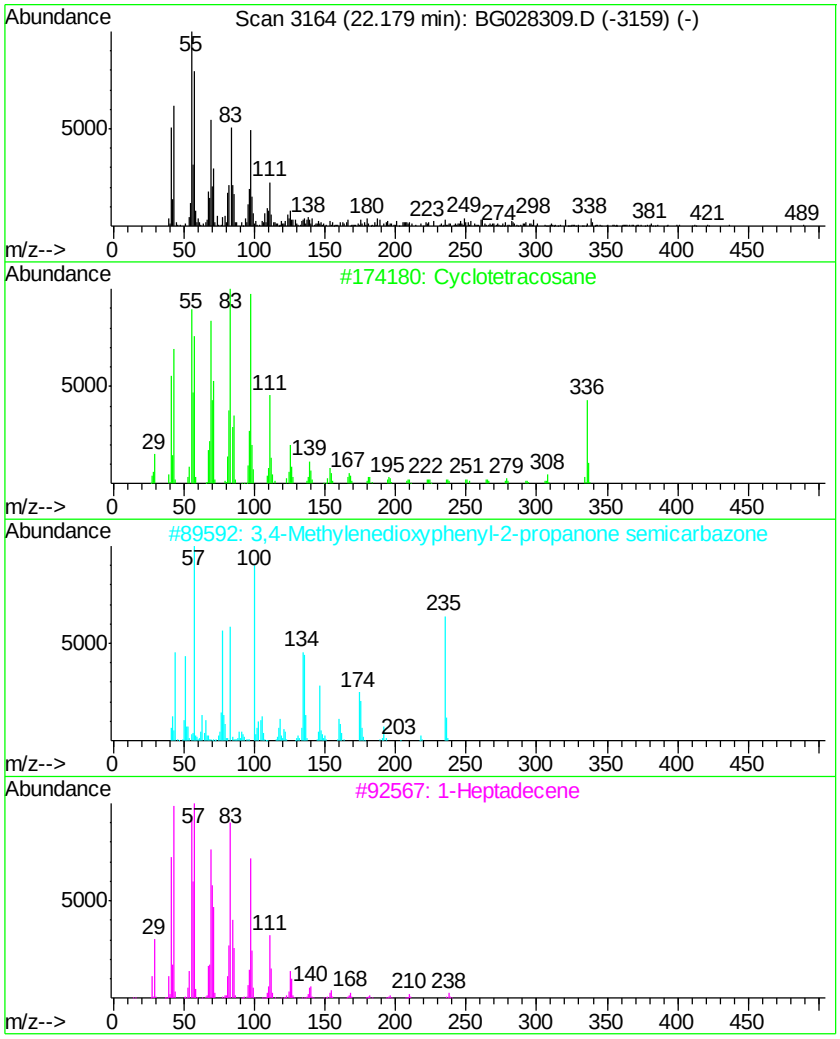
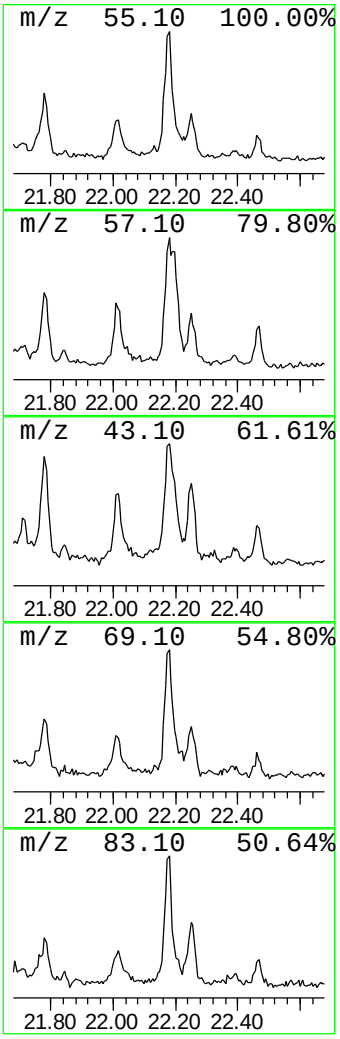
Peak Number 60 (DEL) Alkane: Cyclic22.18 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	14.84 ng/ul	1125360	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	3,4-Methylenedioxyphenyl-2-propa...	235	C11H13N3O3	057961-86-1	90
3	1-Heptadecene	238	C17H34	006765-39-5	86
4	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	83
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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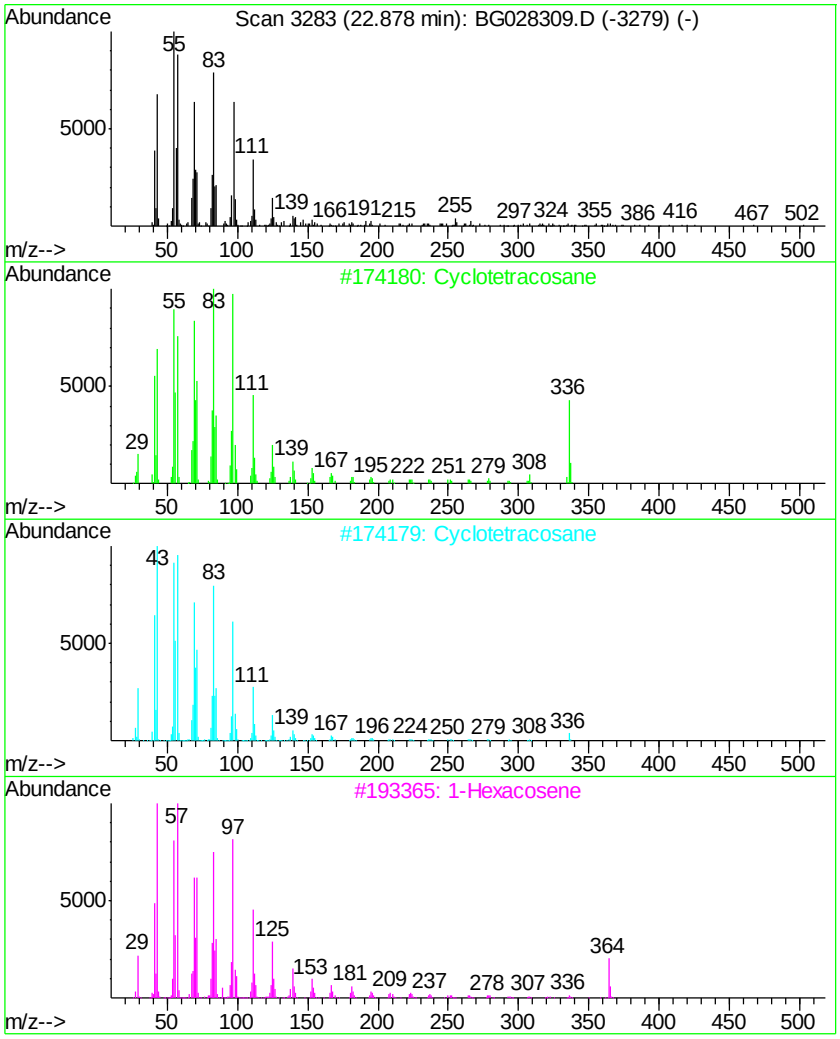
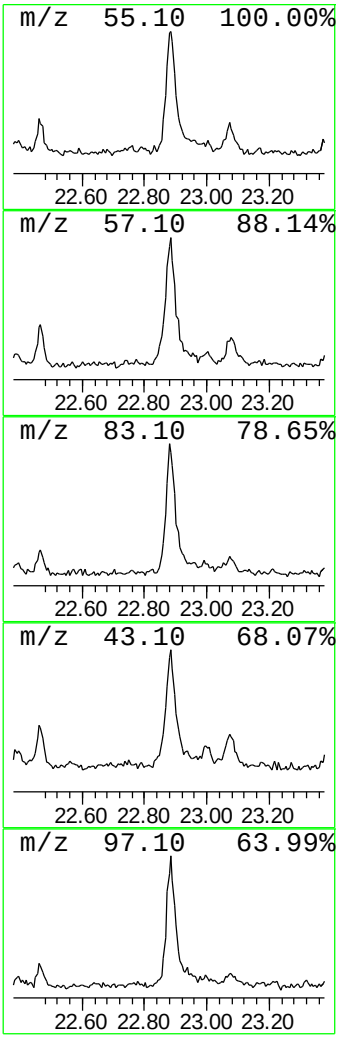
Peak Number 61 (DEL) Alkane: Cyclic22.88 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.88	7.29 ng/ul	552836	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	Cyclotetracosane	336	C24H48	000297-03-0	90
3	1-Hexacosene	364	C26H52	018835-33-1	87
4	1-Heneicosanol	312	C21H44O	015594-90-8	87
5	Behenic alcohol	326	C22H46O	000661-19-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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
unknown01	10.59	6.4	ng/ul	189072	2	11.18	591111	20.0
(DEL) Alkane: Str...	11.11	4.9	ng/ul	145832	2	11.18	591111	20.0
Cinnoline, 1,2-di...	11.54	4.1	ng/ul	121554	2	11.18	591111	20.0
2-Propenal, 2-met...	11.58	6.1	ng/ul	181064	2	11.18	591111	20.0
Phenol, 2-propyl-	11.98	3.1	ng/ul	92631	2	11.18	591111	20.0
unknown02	12.20	3.2	ng/ul	94550	2	11.18	591111	20.0
unknown03	12.31	2.8	ng/ul	81210	2	11.18	591111	20.0
Benzene, 1-(2-but...	12.48	2.3	ng/ul	69092	2	11.18	591111	20.0
(DEL) Alkane: Str...	12.54	11.3	ng/ul	334146	2	11.18	591111	20.0
Naphthalene, 1,2,...	12.62	2.7	ng/ul	79367	2	11.18	591111	20.0
1H-Pyrrolo[2,3-b]...	12.69	4.5	ng/ul	133794	2	11.18	591111	20.0
Naphthalene, 1-me...	13.03	10.2	ng/ul	302159	2	11.18	591111	20.0
2,5,6-Trimethylbe...	13.11	3.4	ng/ul	182904	3	14.96	1084270	20.0
Phenol, 2,6-dimet...	13.22	3.8	ng/ul	206899	3	14.96	1084270	20.0
(DEL) Alkane: Cyc...	13.67	4.5	ng/ul	241342	3	14.96	1084270	20.0
Naphthalene, 1,2,...	13.94	4.7	ng/ul	252323	3	14.96	1084270	20.0
Naphthalene, 1-et...	14.00	5.0	ng/ul	270271	3	14.96	1084270	20.0
Naphthalene, 1,6-...	14.14	10.5	ng/ul	569141	3	14.96	1084270	20.0
Naphthalene, 2,3-...	14.29	12.8	ng/ul	694570	3	14.96	1084270	20.0
Naphthalene, 1,8-...	14.52	5.4	ng/ul	294892	3	14.96	1084270	20.0
(DEL) Alkane: Str...	14.82	9.5	ng/ul	517055	3	14.96	1084270	20.0
4-Ethylbiphenyl	15.09	10.1	ng/ul	547667	3	14.96	1084270	20.0
Naphthalene, 1,6,...	15.43	6.0	ng/ul	323964	3	14.96	1084270	20.0
Naphthalene, 2,3,...	15.72	7.9	ng/ul	430572	3	14.96	1084270	20.0
(DEL) Alkane: Str...	15.77	9.0	ng/ul	489954	3	14.96	1084270	20.0
4-Propyl-1,1'-dip...	15.88	8.8	ng/ul	479694	3	14.96	1084270	20.0
unknown05	16.17	2.2	ng/ul	121499	3	14.96	1084270	20.0
Benzaldehyde, 4-h...	16.39	3.3	ng/ul	173446	4	17.71	1050400	20.0
9H-Fluoren-9-ol	16.44	6.0	ng/ul	317942	4	17.71	1050400	20.0
(DEL) Alkane: Str...	16.63	13.1	ng/ul	687765	4	17.71	1050400	20.0
(DEL) Alkane: Cyc...	16.86	4.4	ng/ul	230499	4	17.71	1050400	20.0
(DEL) Alkane: Cyc...	17.37	3.3	ng/ul	173614	4	17.71	1050400	20.0
(DEL) Alkane: Str...	17.42	16.7	ng/ul	878814	4	17.71	1050400	20.0
(DEL) Alkane: Cyc...	18.12	3.7	ng/ul	192096	4	17.71	1050400	20.0
(DEL) Alkane: Str...	18.16	15.9	ng/ul	835696	4	17.71	1050400	20.0
(DEL) Alkane: Str...	18.84	10.4	ng/ul	544124	4	17.71	1050400	20.0
(DEL) Alkane: Cyc...	19.44	2.6	ng/ul	137072	4	17.71	1050400	20.0
(DEL) Alkane: Str...	19.47	19.0	ng/ul	999292	4	17.71	1050400	20.0
(DEL) Alkane: Cyc...	20.01	11.4	ng/ul	860763	5	22.05	1517130	20.0
(DEL) Alkane: Str...	20.57	10.0	ng/ul	760051	5	22.05	1517130	20.0
(DEL) Alkane: Cyc...	21.06	12.3	ng/ul	933424	5	22.05	1517130	20.0
(DEL) Alkane: Cyc...	21.62	19.5	ng/ul	1476460	5	22.05	1517130	20.0
(DEL) Alkane: Cyc...	22.18	14.8	ng/ul	1125360	5	22.05	1517130	20.0
(DEL) Alkane: Cyc...	22.88	7.3	ng/ul	552836	5	22.05	1517130	20.0