LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027503.D
Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

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-BG061617.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	7.654	633	641	654	rBV2	162810	449962	12.31%	1.127%
2	7.830	663	671	683	rBV	130304	228821	6.26%	0.573%
3	8.053	696	709	719	rBV	147759	277046	7.58%	0.694%
4	8.518	779	788	802	rVB2	173954	341826	9.35%	0.856%
5	8.935	855	859	869	rVB2	36955	66841	1.83%	0.167%
6	9.193	896	903	909	rBV	202005	365239	9.99%	0.915%
7	9.258	909	914	924	rVB	118853	228430	6.25%	0.572%
8	9.681	979	986	994	rBV	153861	297628	8.14%	0.745%
9	10.404	1100	1109	1116	rBV	129313	248155	6.79%	0.621%
10	10.468	1116	1120	1133	rVV2	28704	76060	2.08%	0.190%
11	10.739	1158	1166	1169	rVV7	28183	66246	1.81%	0.166%
12	10.944	1192	1201	1211	rBV	199078	376161	10.29%	0.942%
13	11.338	1260	1268	1271	rVV	276827	513884	14.06%	1.287%
14	11.391	1271	1277	1284	rVV	1259513	2432434	66.54%	6.091%
15	11.461	1284	1289	1294	rVV	194110	390327	10.68%	0.977%
16	11.508	1294	1297	1304	rVB	67704	119797	3.28%	0.300%
17	12.954	1535	1543	1548	rBV	592111	1005010	27.49%	2.517%
18	13.007	1548	1552	1558	rVV	158873	262858	7.19%	0.658%
19	13.171	1570	1580	1588	rVV	285063	494804	13.54%	1.239%
20	13.277	1588	1598	1612	rVV	78927	139306	3.81%	0.349%
21	13.941	1705	1711	1720	rVB	146922	239557	6.55%	0.600%
22	14.135	1737	1744	1755	rVB	48632	90318	2.47%	0.226%
23	14.276	1755	1768	1776	rBV4	86068	236052	6.46%	0.591%
24	14.422	1784	1793	1798	rVV2	116219	230163	6.30%	0.576%
25	14.487	1798	1804	1809	rVV	453049	769831	21.06%	1.928%
26	14.534	1809	1812	1824	rVB	189354	280775	7.68%	0.703%
27	14.658	1827	1833	1845	rBV	49638	105769	2.89%	0.265%
28	14.804	1850	1858	1869	rBV	444276	801055	21.91%	2.006%
29	15.063	1892	1902	1904	rBV2	61681	94817	2.59%	0.237%
30	15.104	1904	1909	1915	rVV2	463798	793476	21.71%	1.987%
31	15.169	1915	1920	1926	rVV	661730	1073178	29.36%	2.687%
32	15.227	1926	1930	1933	rVV2	37385	66434	1.82%	0.166%
33	15.269	1933	1937	1950	rVV2	170474	346476	9.48%	0.868%
34	15.410	1950	1961	1968	rVV5	29954	81752	2.24%	0.205%

LSC Area Percent Report

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Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

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-BG061617.M
Title : SVOA CALIBRATION

35	15.498	1968	1976	1983	rVV	489675	836282	22.88%	2.094%
36	15.703	2004	2011	2016	rBV5	24990	50471	1.38%	0.126%
37	15.821	2025	2031	2035	rVV	49984	73730	2.02%	0.185%
38	15.903	2035	2045	2051	rVB5	32634	85310	2.33%	0.214%
39	16.091	2066	2077	2082	rVV	602339	1008041	27.58%	2.524%
40	16.150	2082	2087	2091	rVV	689070	1128416	30.87%	2.826%
41	16.197	2091	2095	2100	rVV	198033	312395	8.55%	0.782%
42	16.267	2104	2107	2110	rVV2	38815	68325	1.87%	0.171%
43	16.309	2110	2114	2119	rVV3	82464	150424	4.12%	0.377%
44	16.397	2125	2129	2132	rVV2	40355	72175	1.97%	0.181%
45	16.438	2132	2136	2145	rVB	92489	154189	4.22%	0.386%
46	16.585	2145	2161	2169	rBV2	104433	255810	7.00%	0.641%
47	16.767	2187	2192	2205	rVB3	30602	81215	2.22%	0.203%
48	16.943	2216	2222	2228	rBV2	30235	55753	1.53%	0.140%
49	17.149	2243	2257	2262	rVV3	81801	184856	5.06%	0.463%
50	17.301	2276	2283	2287	rVB4	28984	56636	1.55%	0.142%
51	17.366	2287	2294	2298	rBV5	26472	60487	1.65%	0.151%
52	17.413	2298	2302	2311	rVV3	29459	57545	1.57%	0.144%
53	17.566	2322	2328	2339	rBV4	42349	105039	2.87%	0.263%
54	17.672	2341	2346	2361	rVB	160056	277793	7.60%	0.696%
55	17.854	2369	2377	2380	rBV	597433	967517	26.47%	2.423%
56	17.901	2380	2385	2390	rVV	2272735	3655370	100.00%	9.154%
57	17.954	2390	2394	2398	rVV2	626785	1100617	30.11%	2.756%
58	17.989	2398	2400	2408	rVB	318800	421776	11.54%	1.056%
59	18.253	2439	2445	2457	rVV	234709	409082	11.19%	1.024%
60	18.365	2457	2464	2468	rVV3	24203	53223	1.46%	0.133%
61	18.723	2511	2525	2529	rBV2	168606	392054	10.73%	0.982%
62	18.770	2529	2533	2539	rVV	214579	337497	9.23%	0.845%
63	18.847	2539	2546	2551	rVV	80161	148574	4.06%	0.372%
64	18.923	2551	2559	2570	rVV2	271325	610356	16.70%	1.528%
65	19.205	2602	2607	2613	rVV	99277	160216	4.38%	0.401%
66	19.616	2671	2677	2682	rBV	44099	82204	2.25%	0.206%
67	19.687	2682	2689	2697	rVV7	31235	91268	2.50%	0.229%
68	19.893	2712	2724	2730	rBV	1247081	1978161	54.12%	4.954%
69	19.951	2730	2734	2744	rVB5	34935	90170	2.47%	0.226%
70	20.133	2759	2765	2772	rVB3	40500	86827	2.38%	0.217%
71	20.222	2772	2780	2783	rBV2	944037	1645548	45.02%	4.121%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

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
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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Title : SVOA CALIBRATION

72	20.251	2783	2785	2792	rVV	842410	1187411	32.48%	2.974%
73	20.310	2792	2795	2803	rVB2	41744	71091	1.94%	0.178%
74	20.421	2804	2814	2820	rBV	51892	81395	2.23%	0.204%
75	20.492	2820	2826	2829	rBV	87908	110082	3.01%	0.276%
76	20.527	2829	2832	2836	rVV	137594	184913	5.06%	0.463%
77	20.562	2836	2838	2845	rVV5	50504	99415	2.72%	0.249%
78	20.733	2854	2867	2876	rBV	162261	327035	8.95%	0.819%
79	20.839	2877	2885	2889	rBV	171596	279766	7.65%	0.701%
80	20.903	2890	2896	2899	rVB3	37954	70408	1.93%	0.176%
81	21.097	2925	2929	2937	rVB4	27863	57242	1.57%	0.143%
82	21.538	3000	3004	3007	rVV	41933	65552	1.79%	0.164%
83	21.579	3007	3011	3016	rVB	61060	83218	2.28%	0.208%
84	21.779	3035	3045	3047	rBV3	65311	153134	4.19%	0.383%
85	21.861	3055	3059	3065	rVB4	29650	52407	1.43%	0.131%
86	22.225	3110	3121	3127	rBV2	668294	1682460	46.03%	4.213%
87	22.278	3128	3130	3142	rVB	152925	275121	7.53%	0.689%
88	22.454	3154	3160	3169	rVV2	34333	73077	2.00%	0.183%
89	22.683	3193	3199	3206	rVB3	29268	65765	1.80%	0.165%
90	22.772	3206	3214	3218	rBV4	49800	115609	3.16%	0.290%
91	23.042	3252	3260	3269	rBV7	20990	75279	2.06%	0.189%
92	23.853	3390	3398	3410	rBV3	42280	101937	2.79%	0.255%
93	24.411	3487	3493	3502	rVB3	25137	59674	1.63%	0.149%
94	24.716	3535	3545	3548	rBV3	43235	126981	3.47%	0.318%
95	24.769	3548	3554	3566	rVB2	88175	246684	6.75%	0.618%
96	25.633	3689	3701	3712	rVV2	354909	1106522	30.27%	2.771%
97	25.880	3730	3743	3757	rVB4	352791	1326026	36.28%	3.321%
98	27.149	3949	3959	3971	rVB2	91734	306225	8.38%	0.767%
99	28.718	4212	4226	4239	rBV2	91997	352159	9.63%	0.882%
100	30.586	4531	4544	4562	rVB6	64856	299901	8.20%	0.751%

Sum of corrected areas: 39932329

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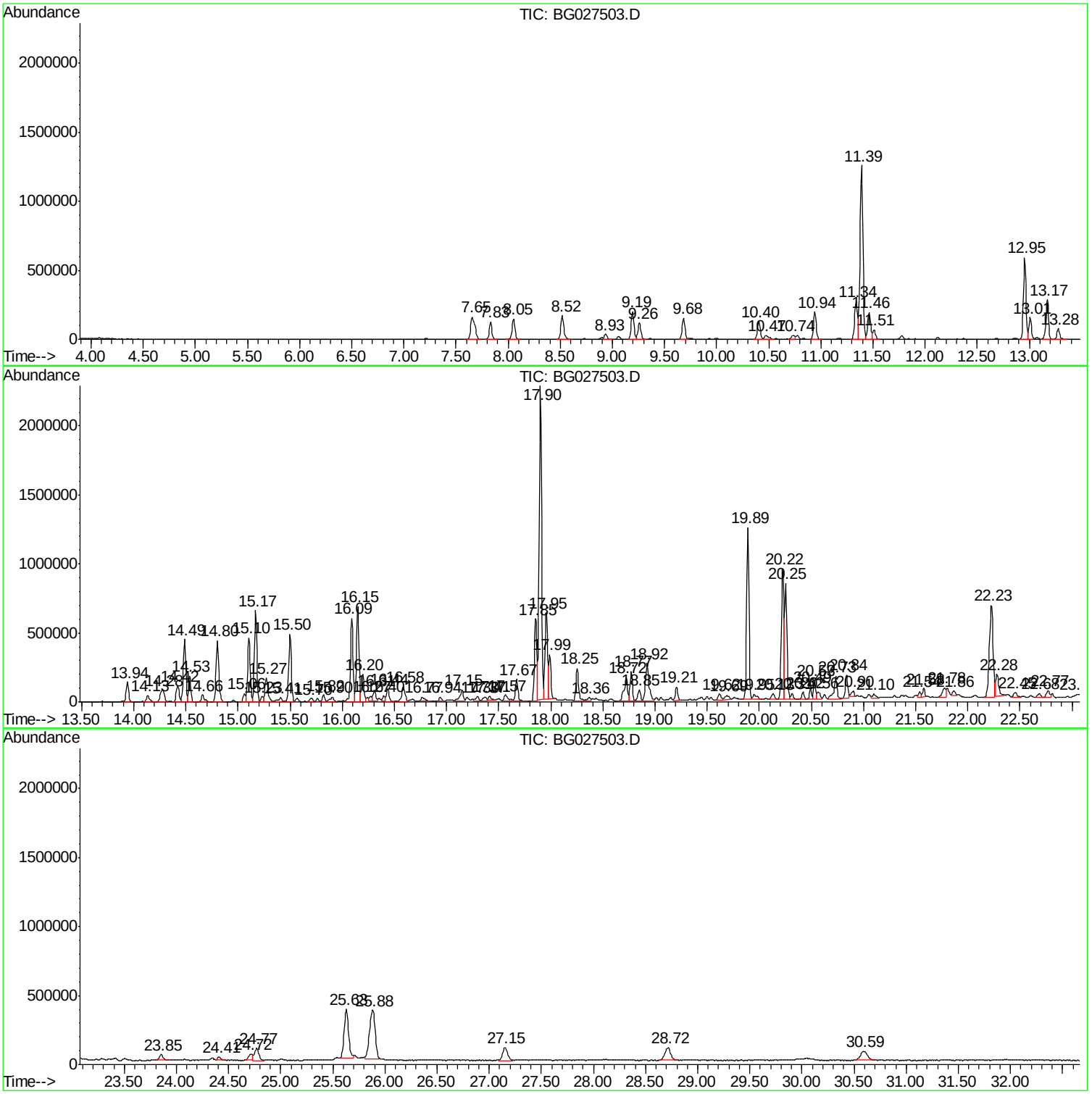
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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

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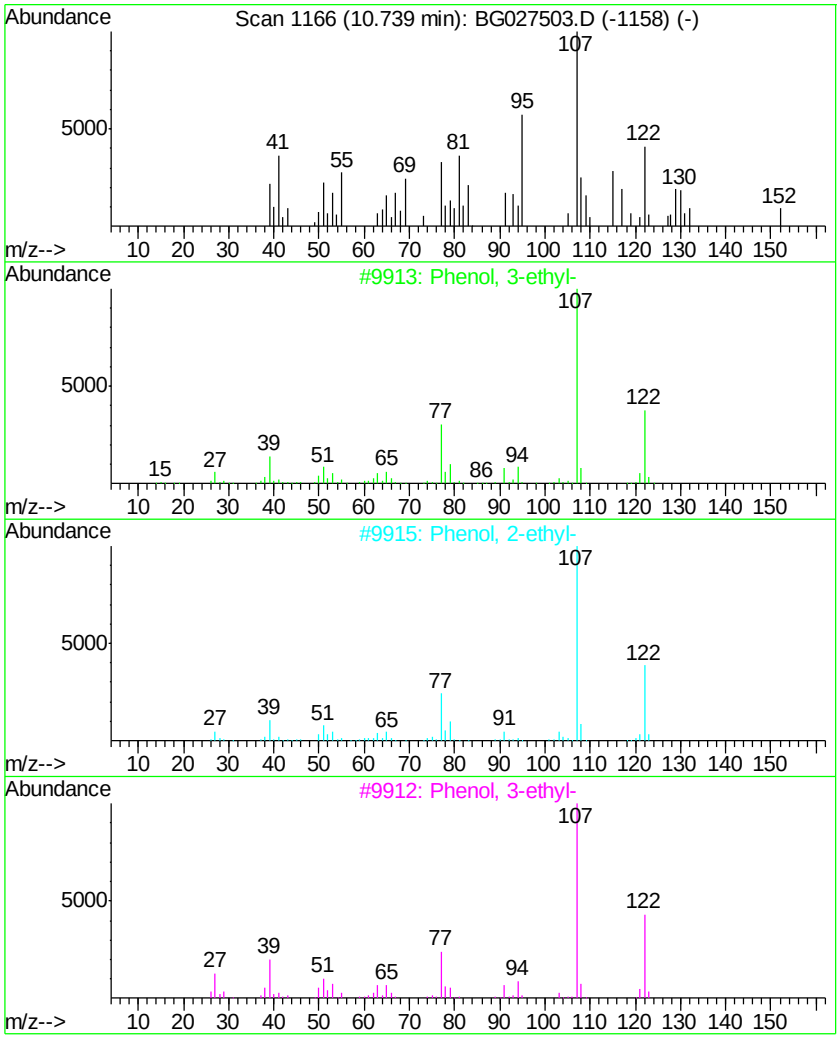
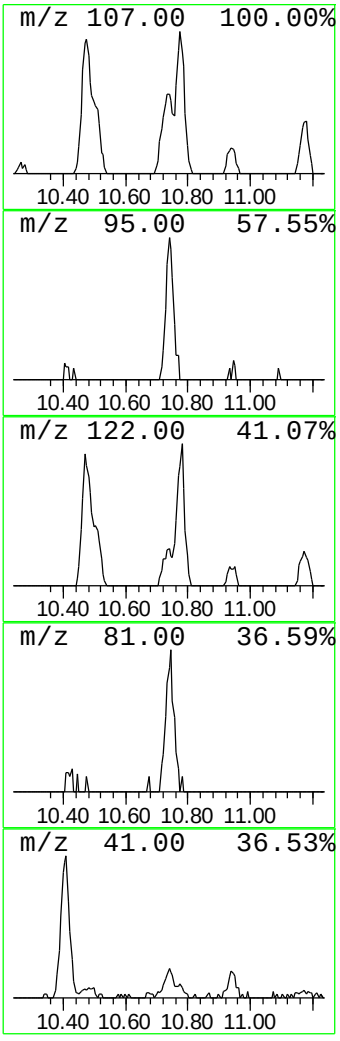
Peak Number 1 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.58 ng/ul	66246	Naphthalene-d8	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	41
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	38
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	38
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	38
5	5,8-Decadien-2-one, 5,9-dimethyl...	180	C12H20O	130876-99-2	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027503.D
Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

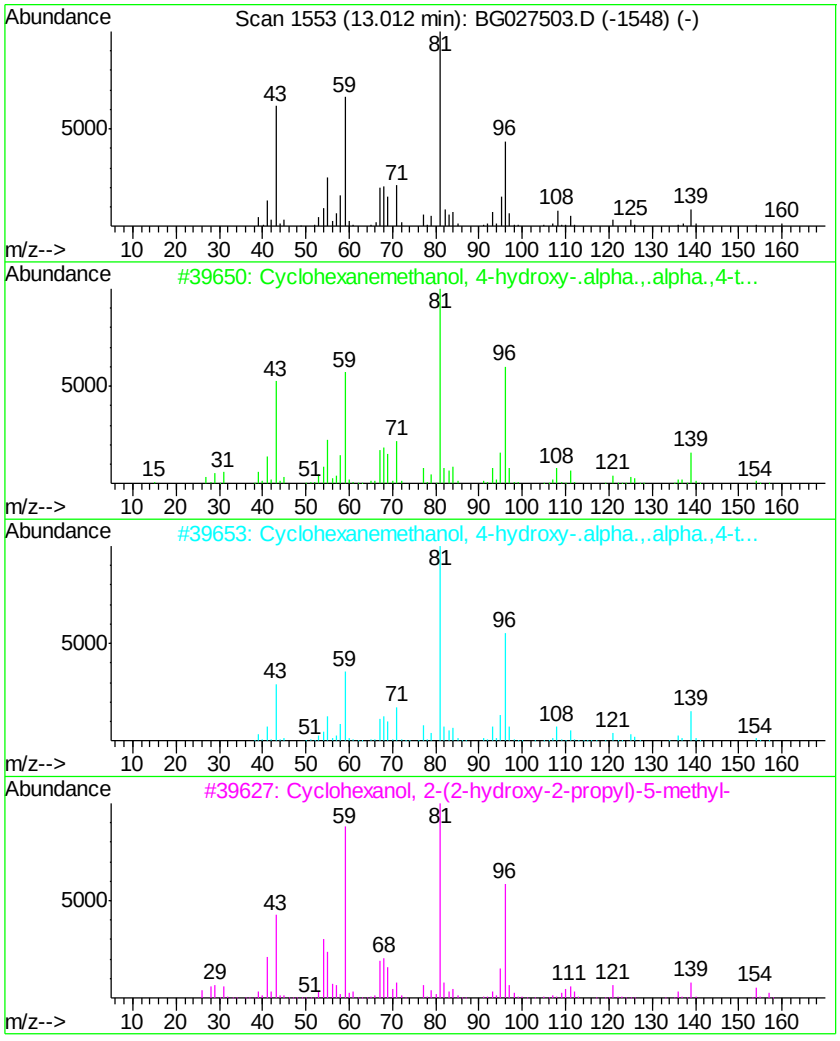
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

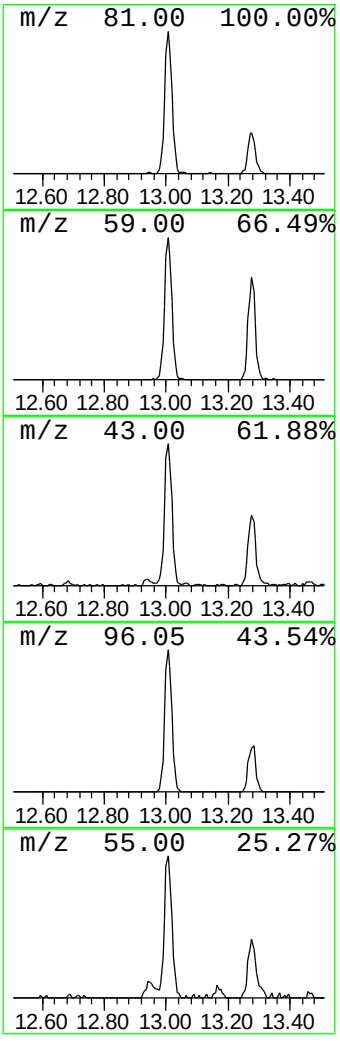
****

Peak Number 2 Cyclohexanemethanol, 4-hydr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	10.23 ng/ul	262858	Naphthalene-d8	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	90
2	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	83
3	Cyclohexanol, 2-(2-hydroxy-2-pro...	172	C10H20O2	138663-70-4	80
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	49
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
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Sample : I3599-14
Misc :
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Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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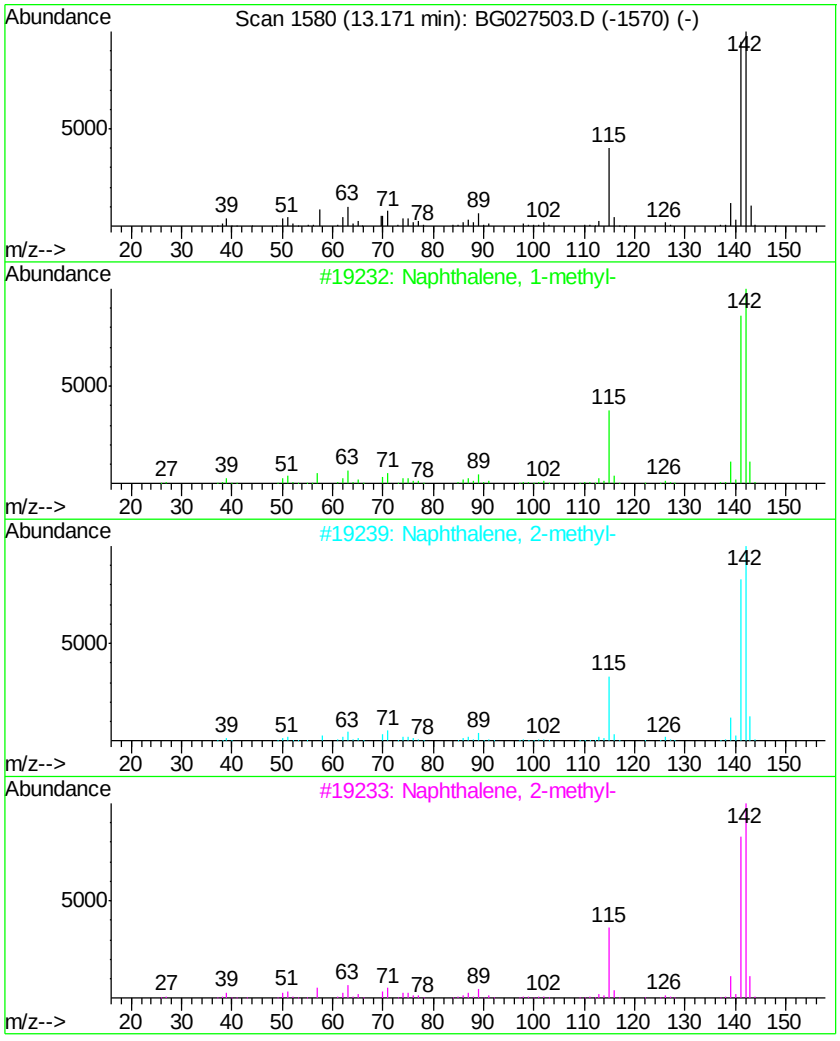
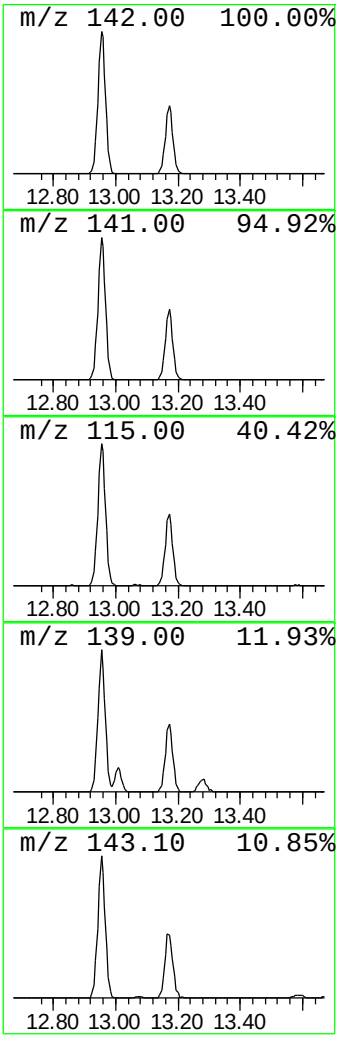
Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	19.26 ng/ul	494804	Naphthalene-d8	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





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Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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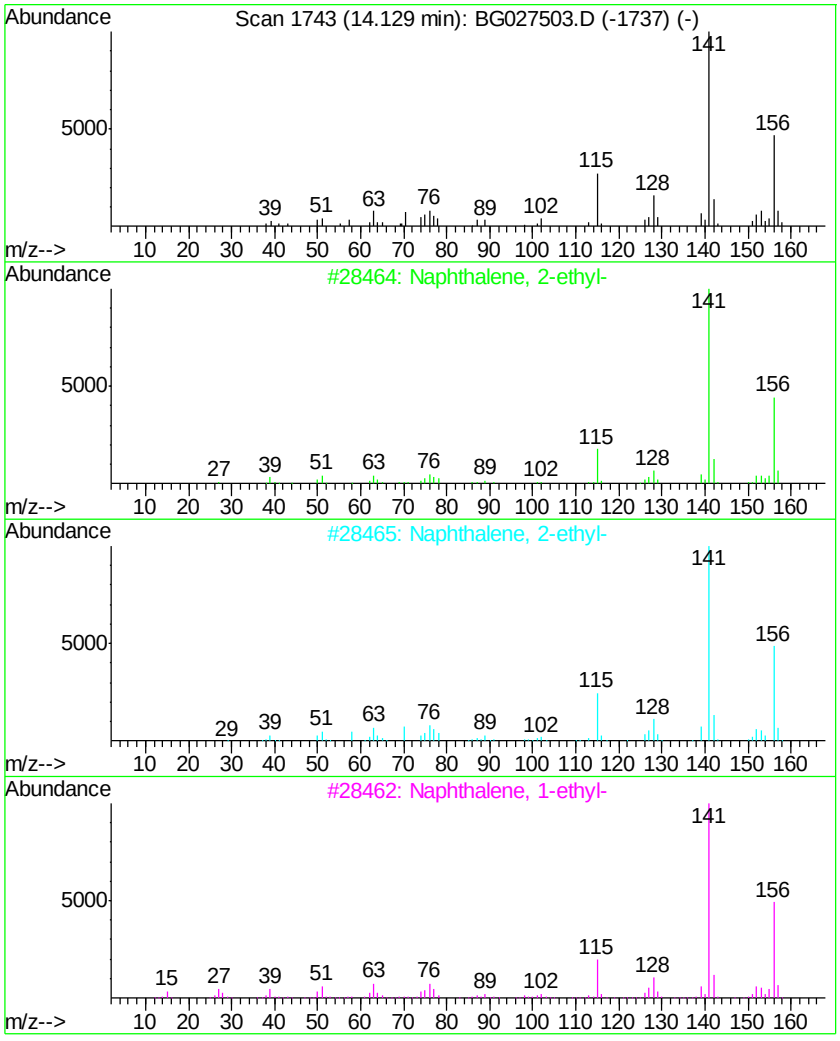
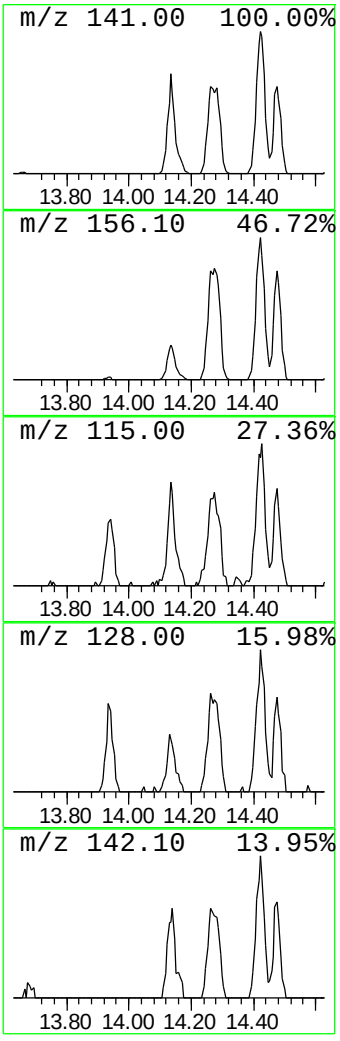
Peak Number 5 Naphthalene, 2-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.28 ng/ul	90318	Acenaphthene-d10	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





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Data File : BG027503.D
Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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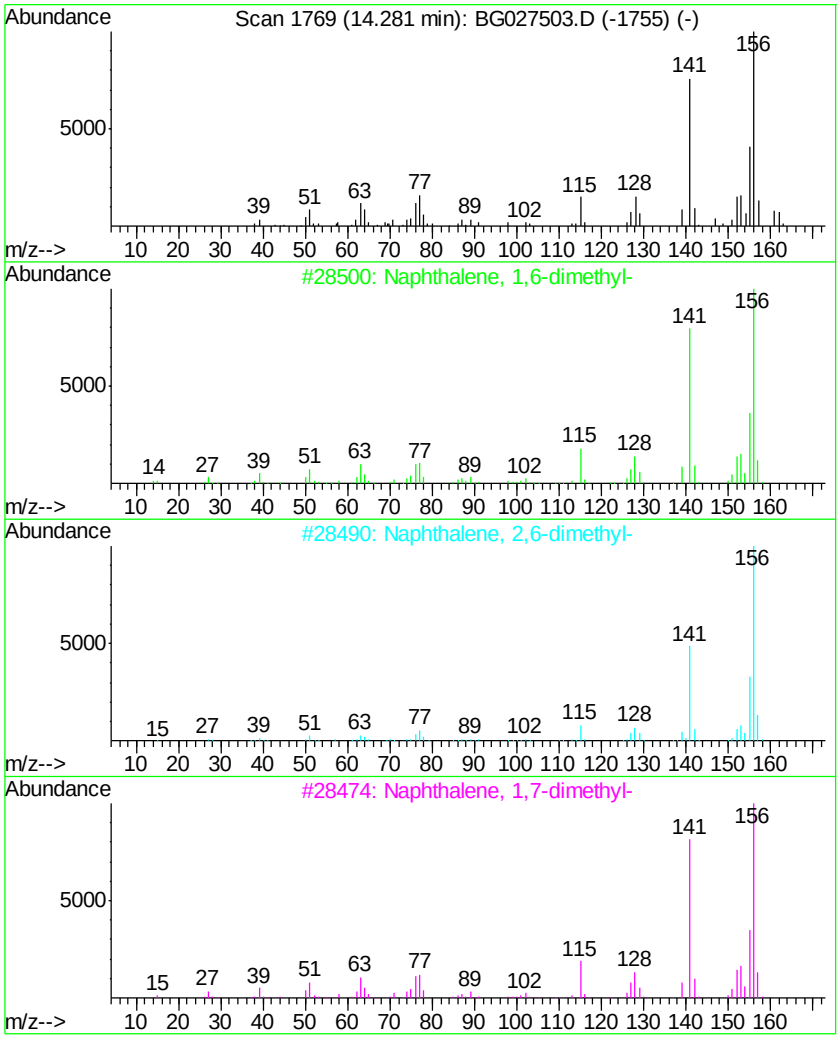
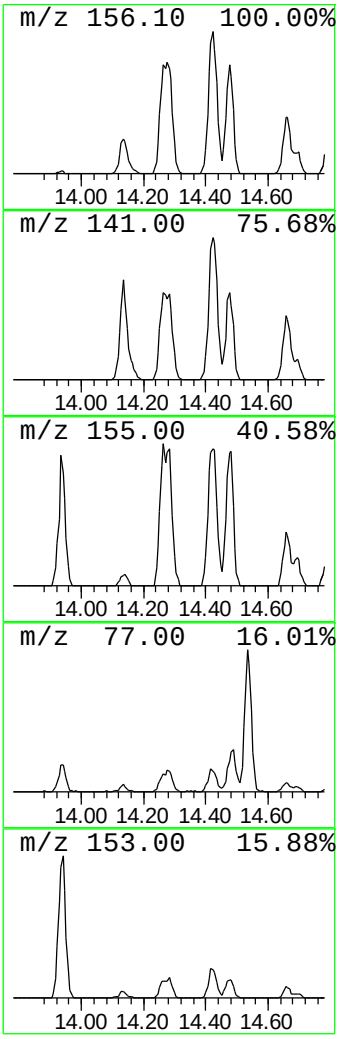
Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	5.95 ng/ul	236052	Acenaphthene-d10	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
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Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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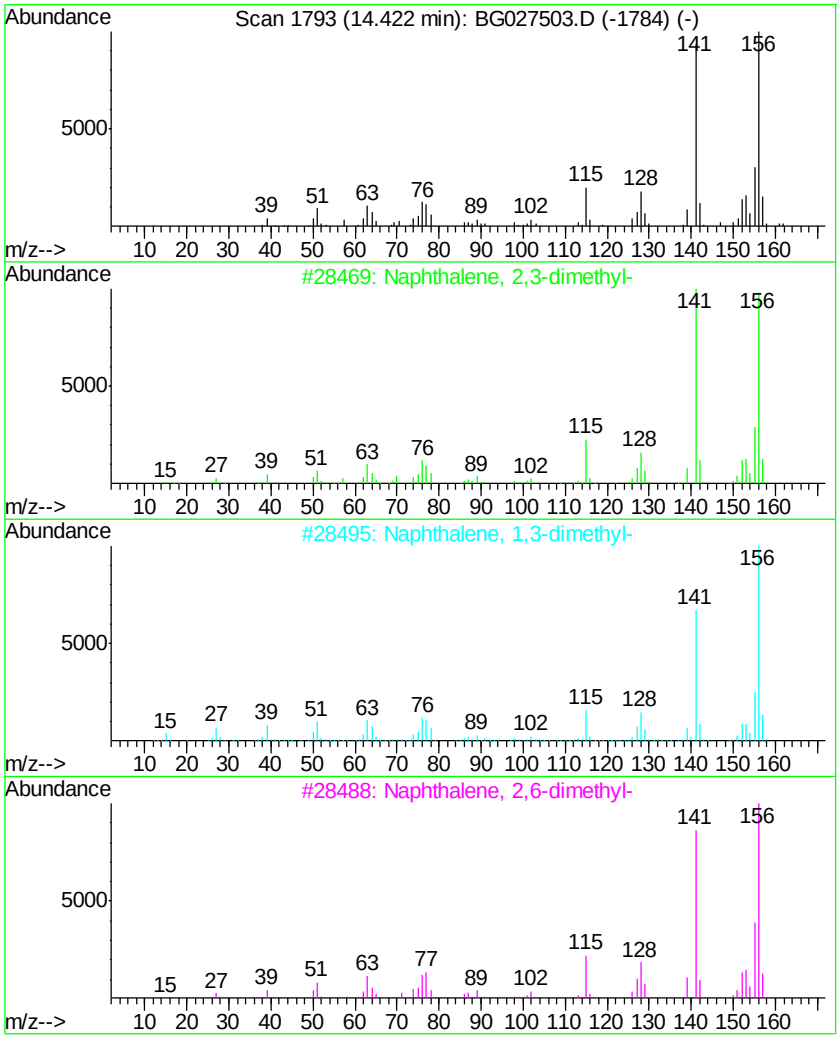
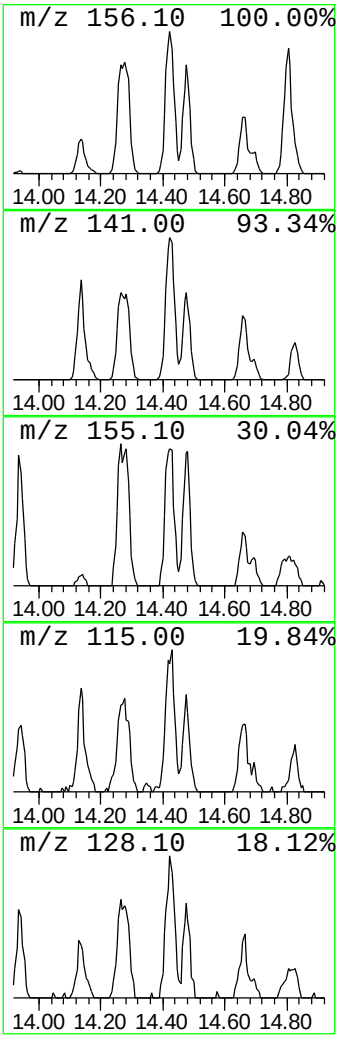
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	5.80 ng/ul	230163	Acenaphthene-d10	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





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Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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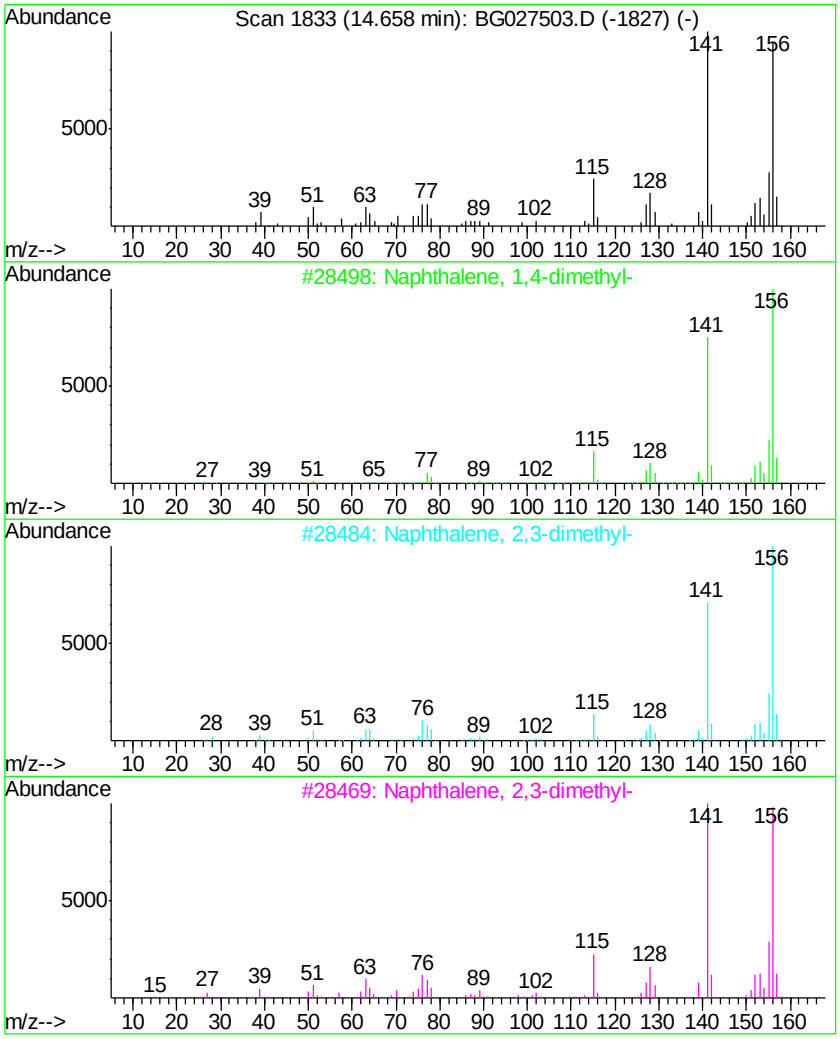
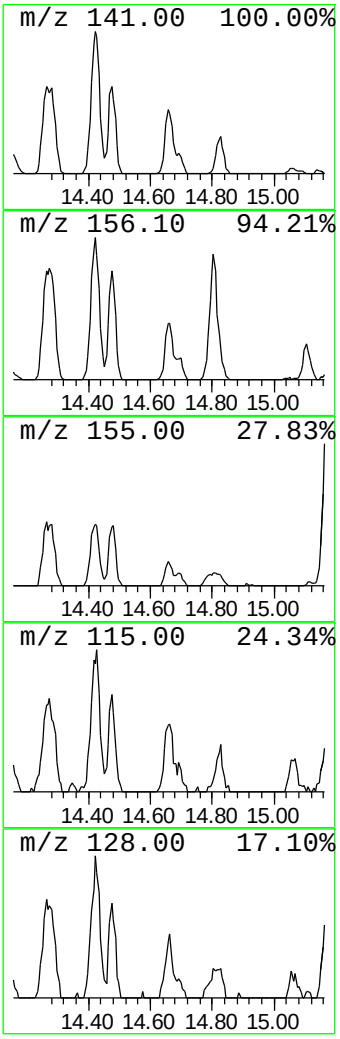
Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.67 ng/ul	105769	Acenaphthene-d10	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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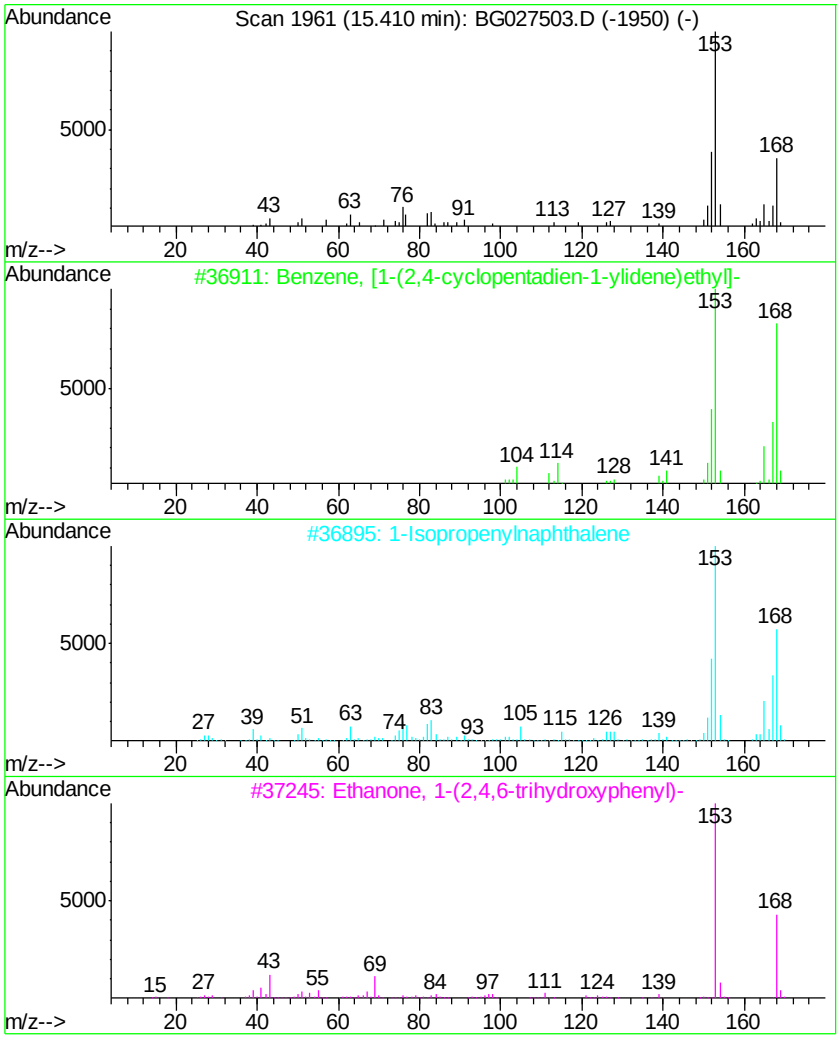
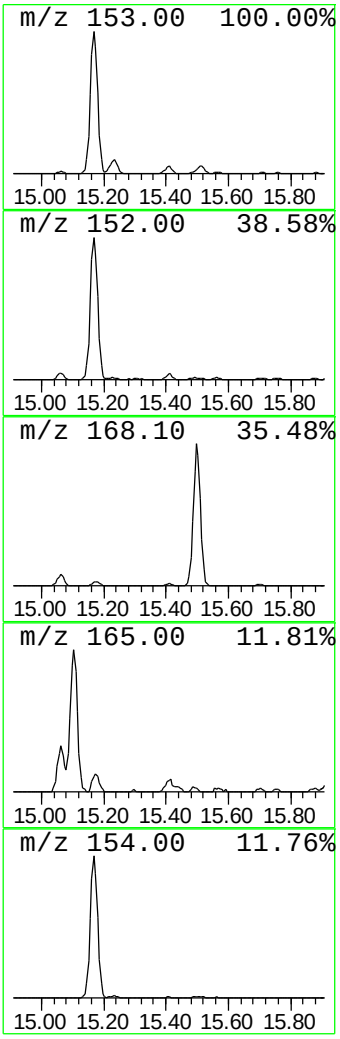
Peak Number 9 Benzene, [1-(2,4-cyclopenta... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	2.06 ng/ul	81752	Acenaphthene-d10	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	46
4	2-Fluoro-4-methoxyacetophenone	168	C9H9FO2	074457-86-6	43
5	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	43





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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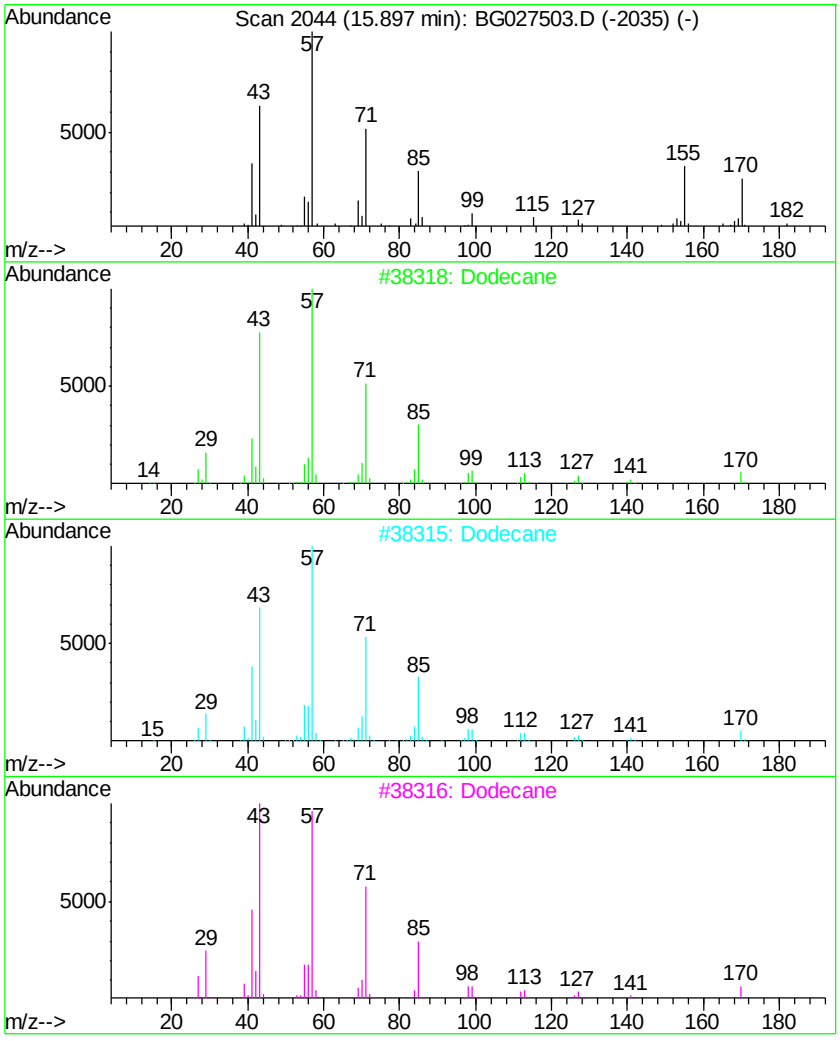
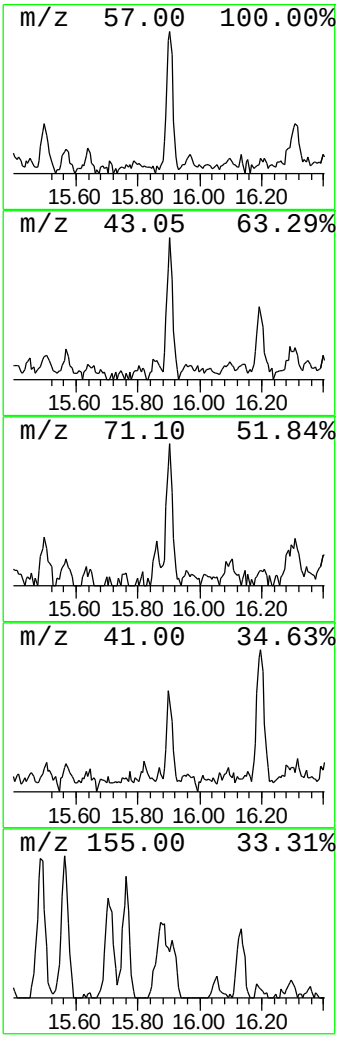
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.15 ng/ul	85310	Acenaphthene-d10	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	68
2	Dodecane	170	C12H26	000112-40-3	64
3	Dodecane	170	C12H26	000112-40-3	59
4	Octadecane	254	C18H38	000593-45-3	50
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

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Quant Title : SVOA CALIBRATION

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

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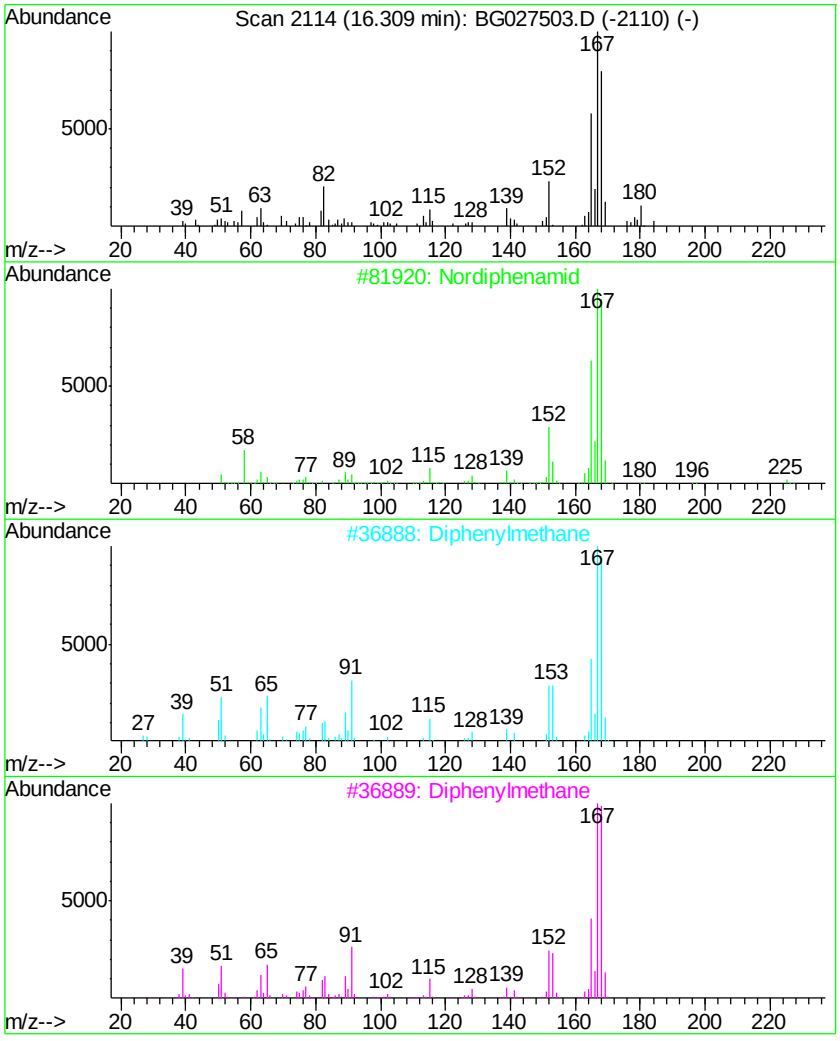
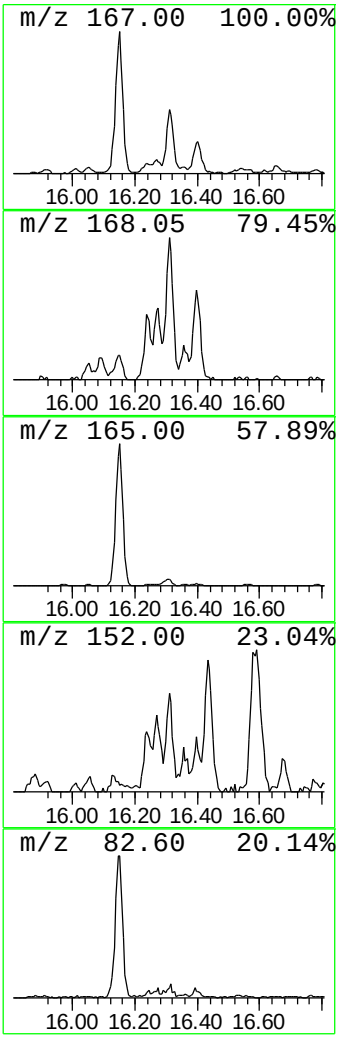
Peak Number 11 Nordiphenamid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	3.79 ng/ul	150424	Acenaphthene-d10	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	80
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	Diphenylmethane	168	C13H12	000101-81-5	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50





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Sample : I3599-14
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Quant Title : SVOA CALIBRATION

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

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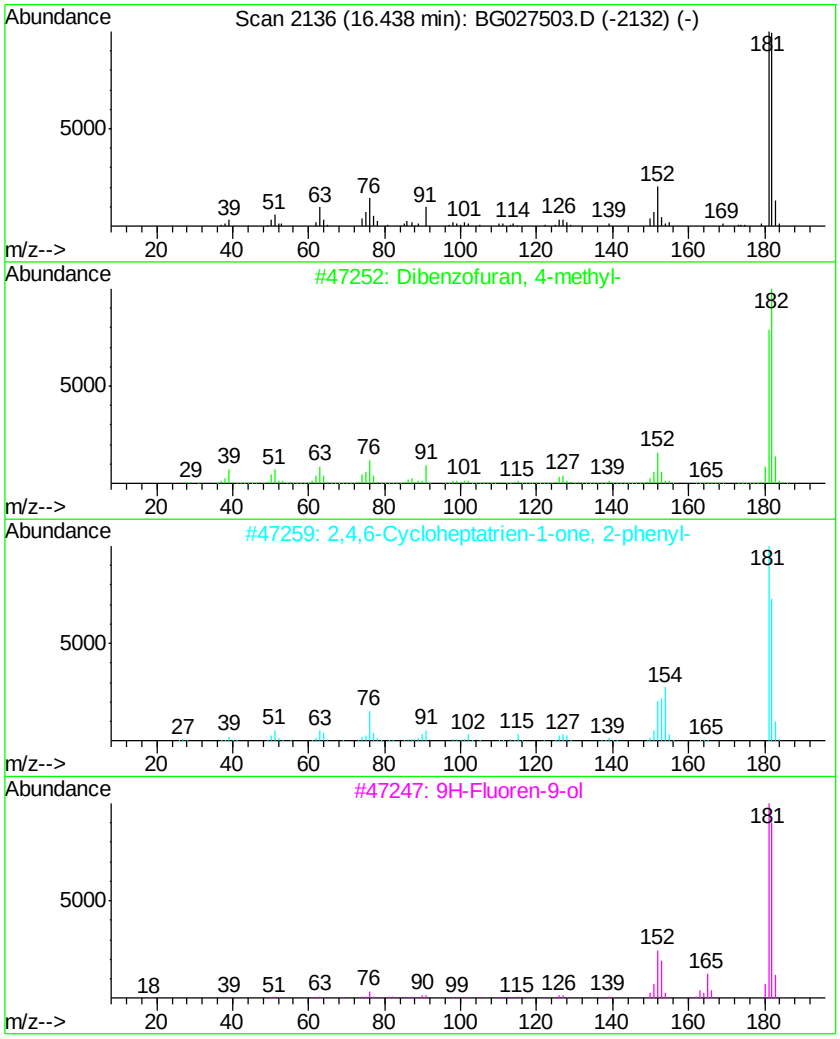
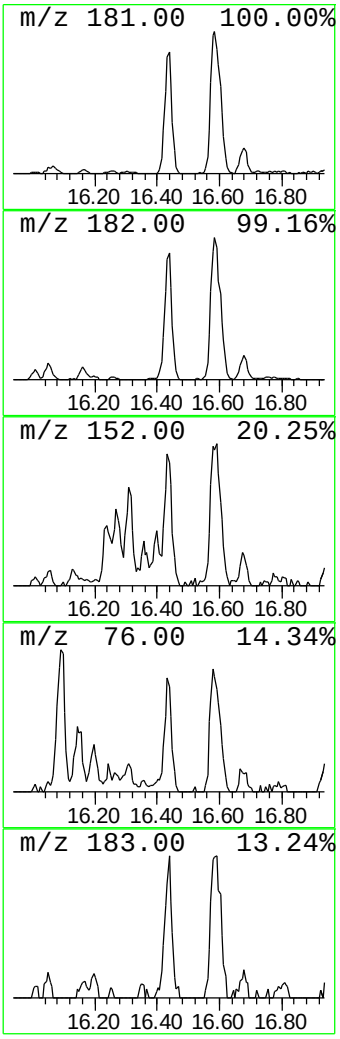
Peak Number 12 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	3.89 ng/ul	154189	Acenaphthene-d10	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	74
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

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Quant Title : SVOA CALIBRATION

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

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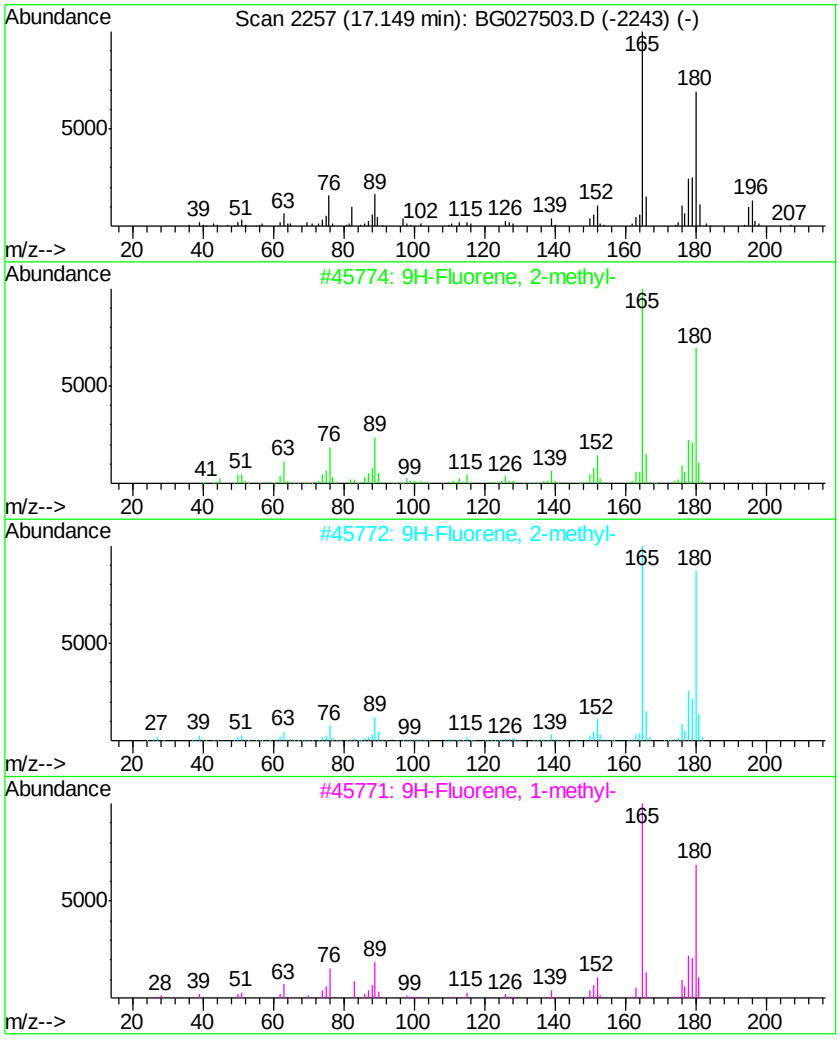
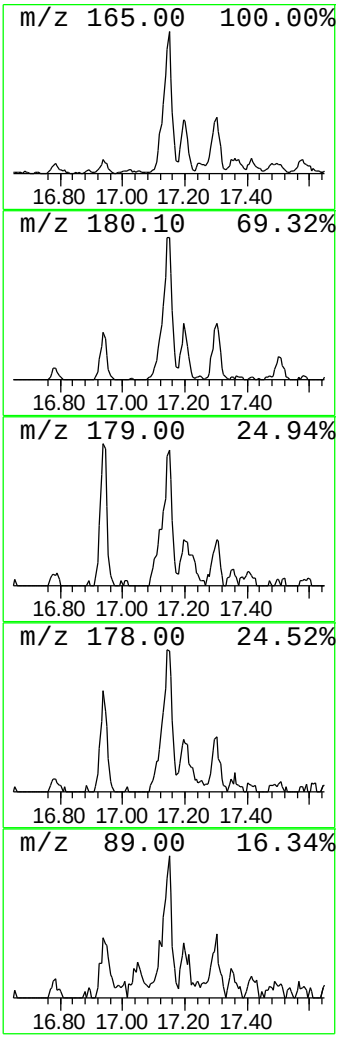
Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	3.82 ng/ul	184856	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	92
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90





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Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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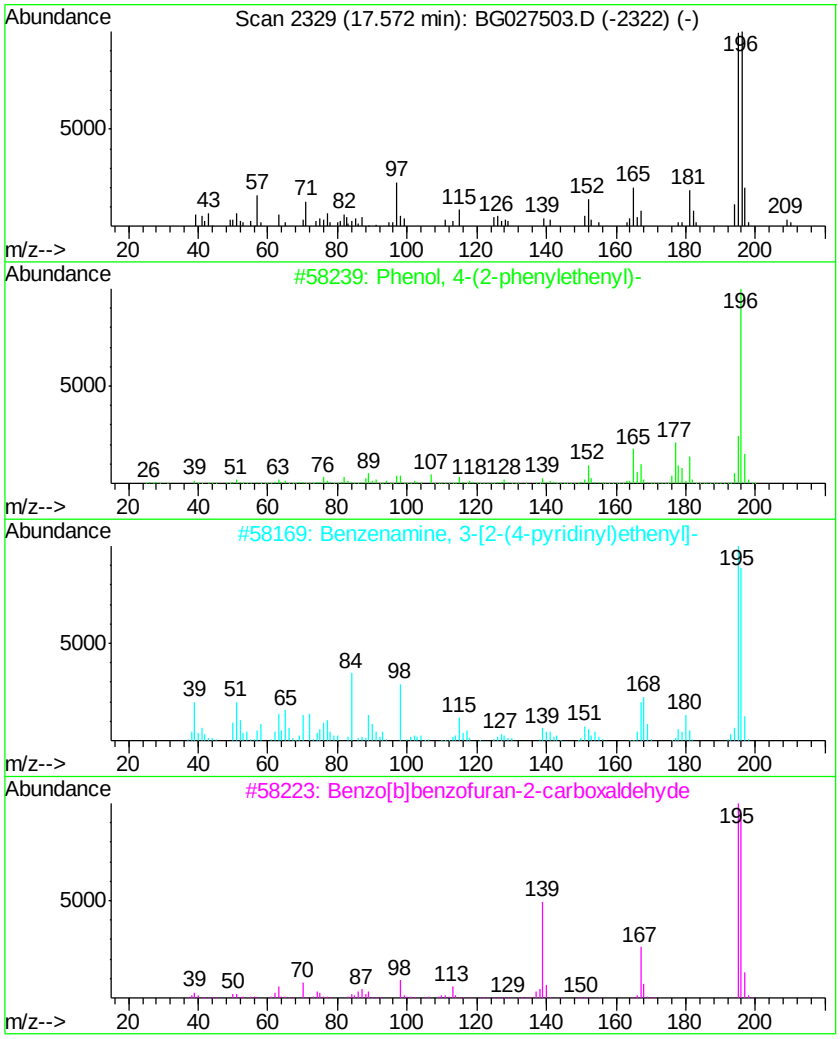
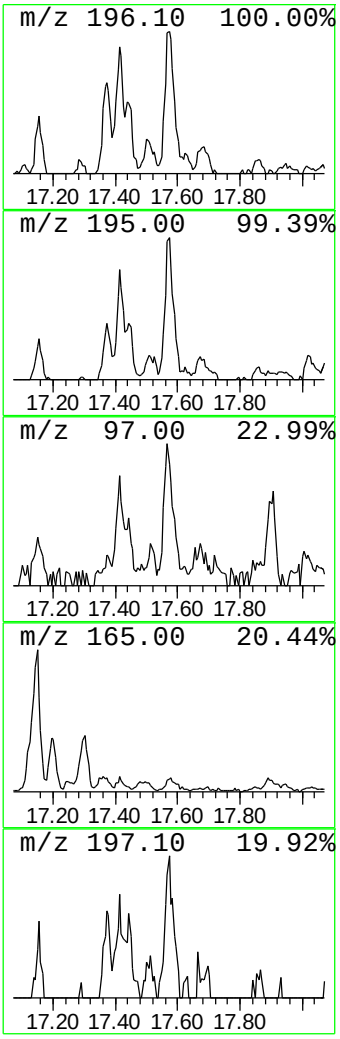
Peak Number 15 Phenol, 4-(2-phenylethenyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	2.17 ng/ul	105039	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
2	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	53
3	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	52
4	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	47
5	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	47





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Quant Title : SVOA CALIBRATION

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

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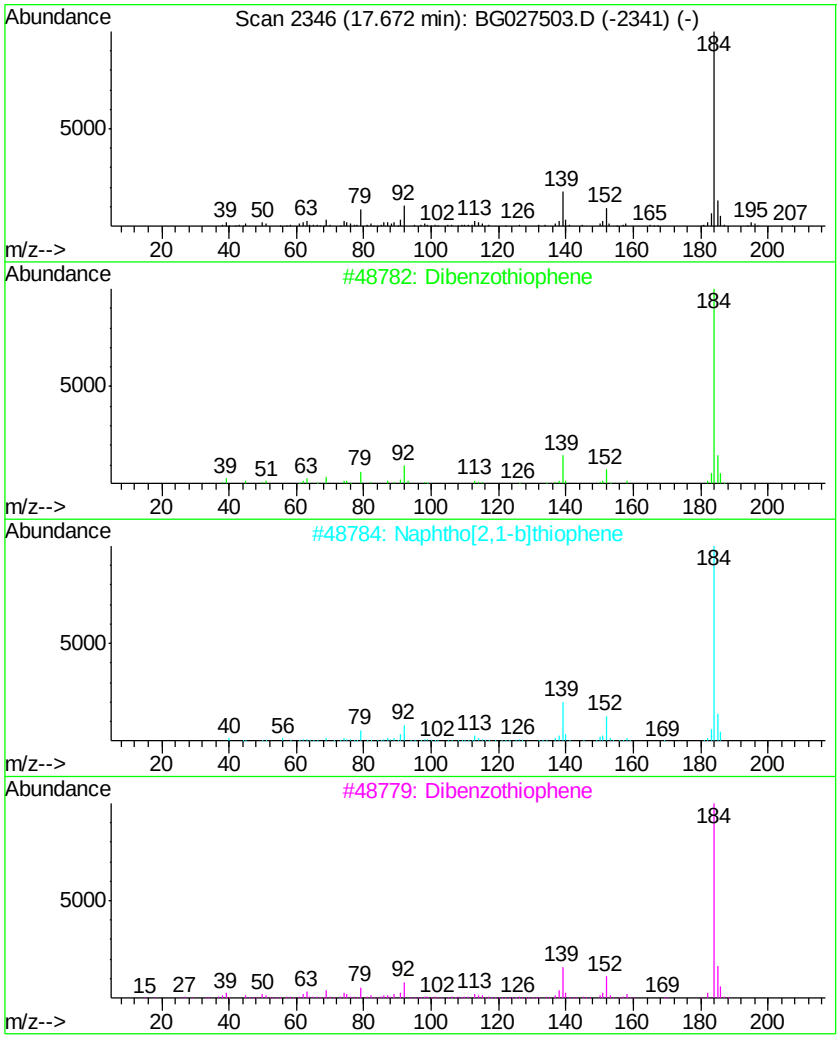
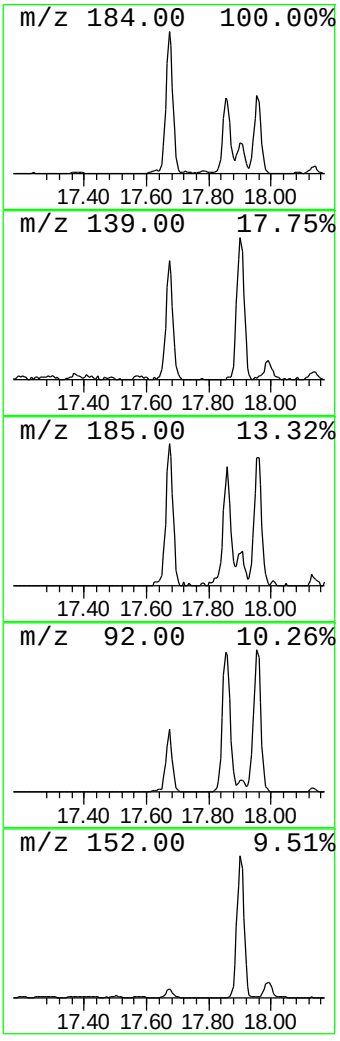
Peak Number 16 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	5.74 ng/ul	277793	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95





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Quant Title : SVOA CALIBRATION

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

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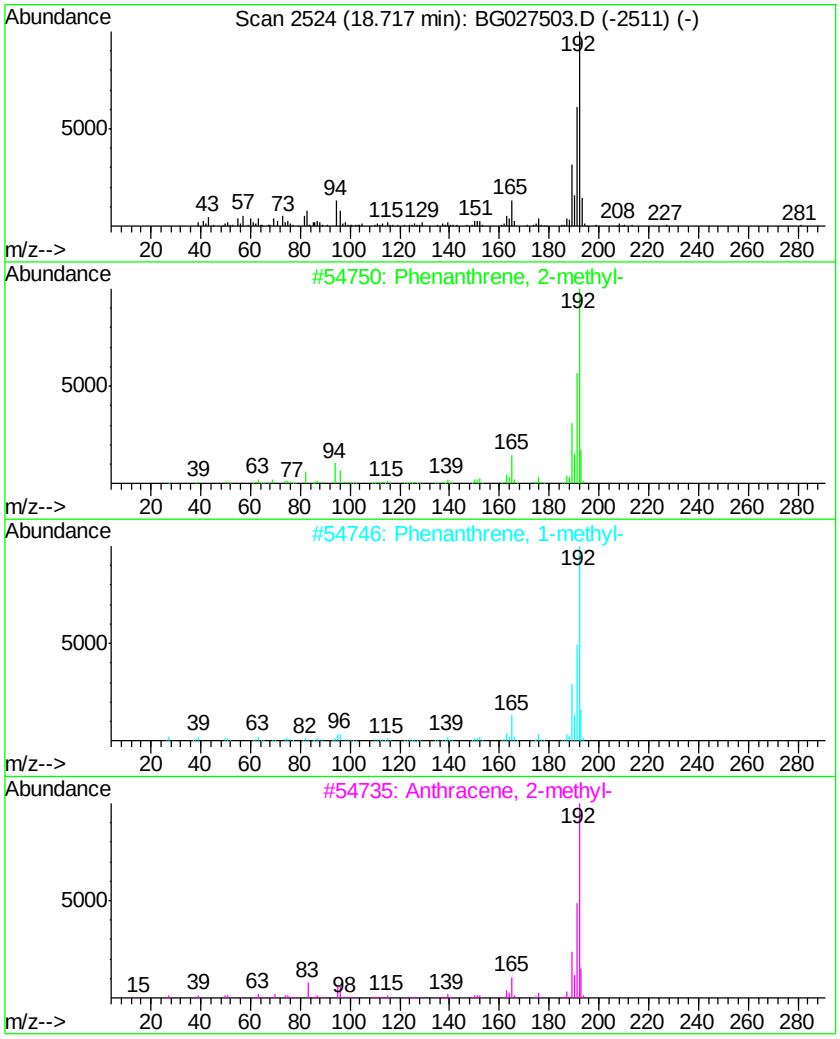
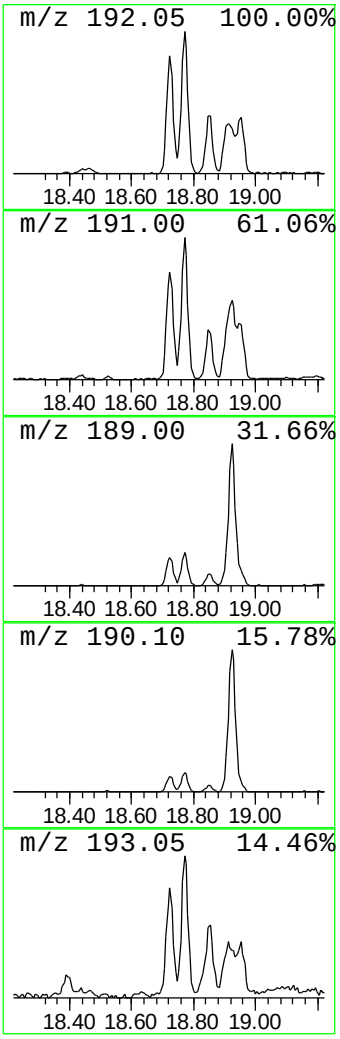
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	8.10 ng/ul	392054	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Sample : I3599-14
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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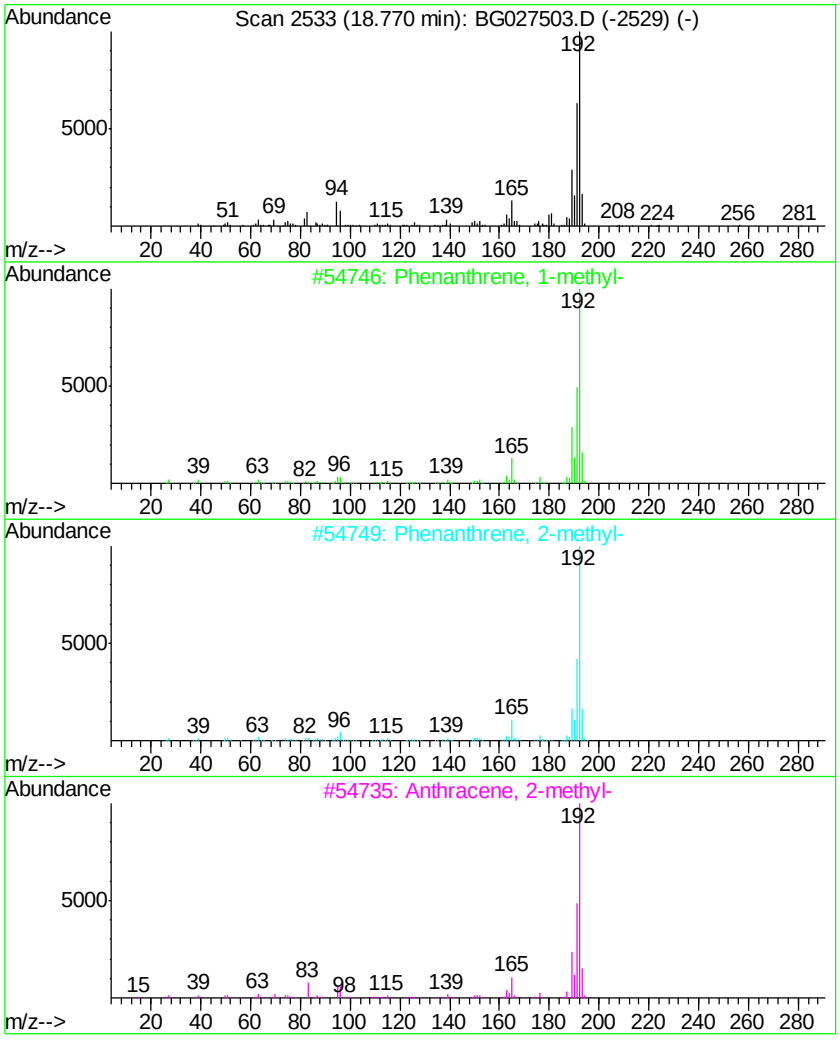
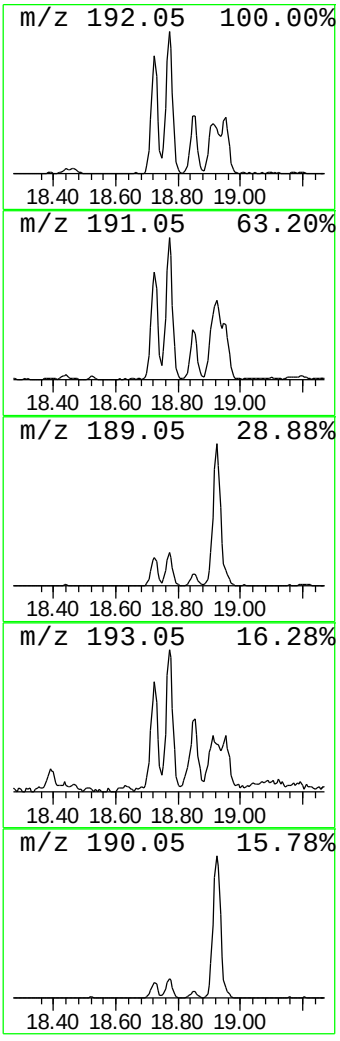
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	6.98 ng/ul	337497	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Sample : I3599-14
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ALS Vial : 36 Sample Multiplier: 1

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ClientSampleId : F5B28

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Quant Title : SVOA CALIBRATION

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

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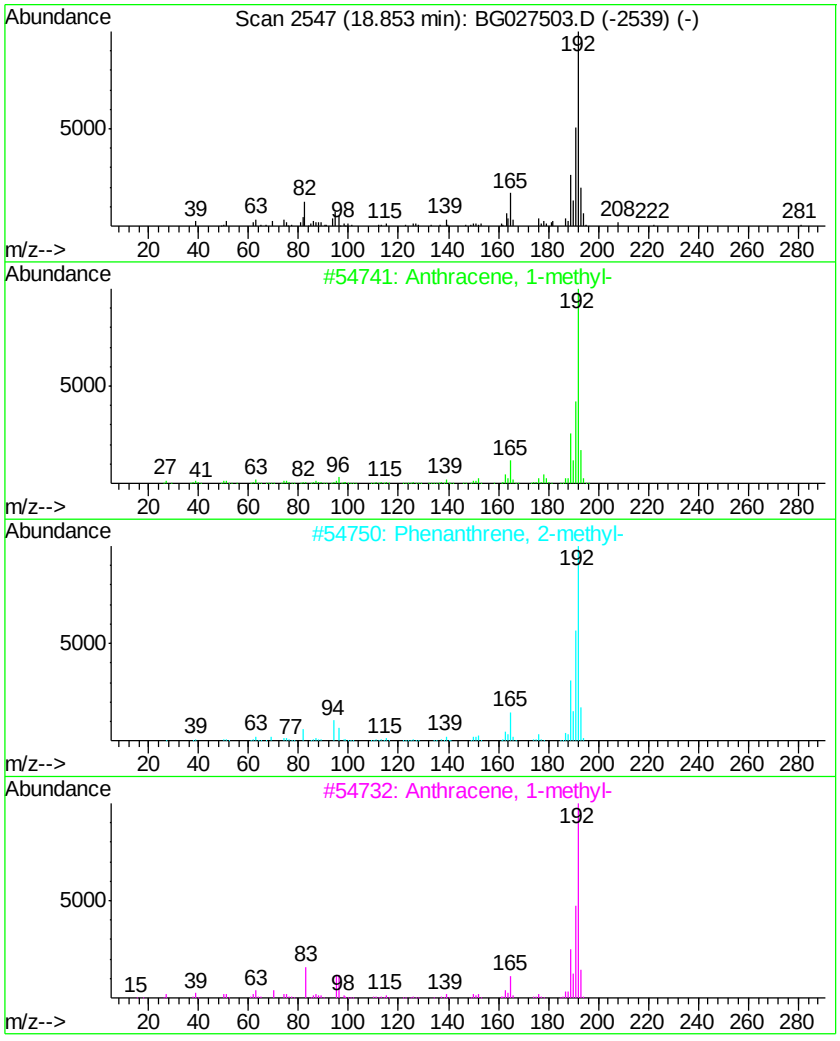
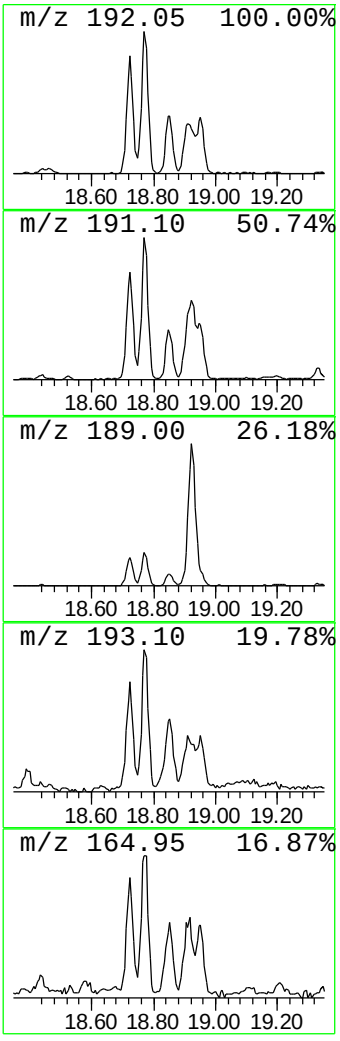
Peak Number 19 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	3.07 ng/ul	148574	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027503.D
Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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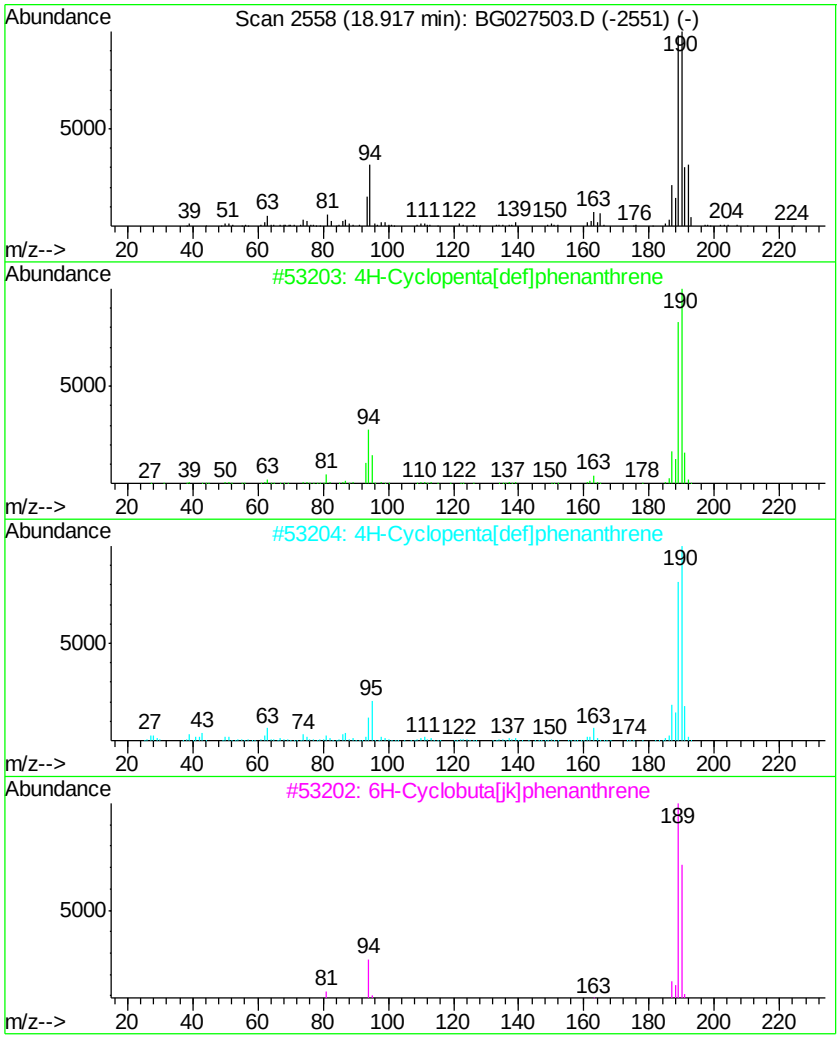
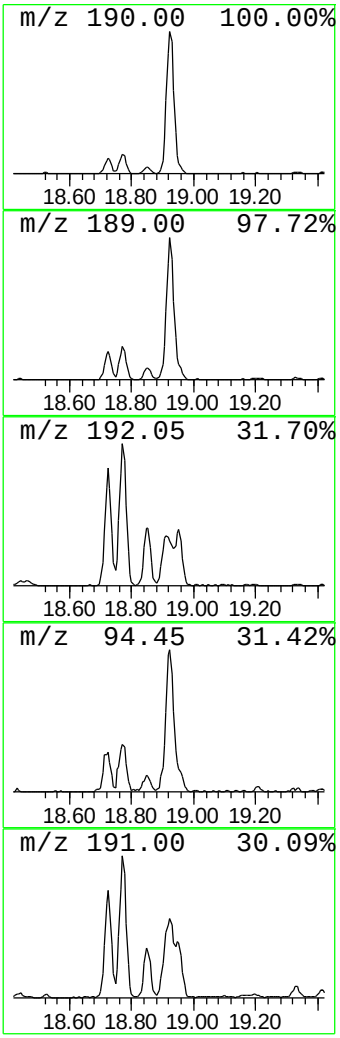
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	12.62 ng/ul	610356	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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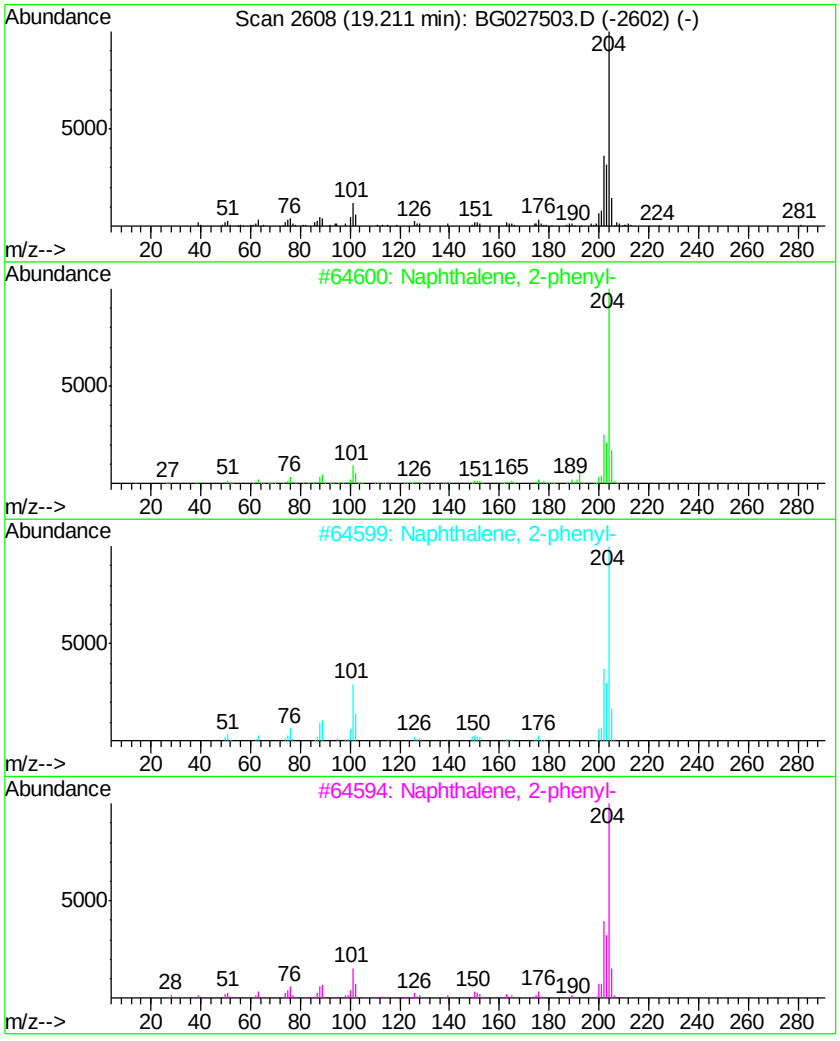
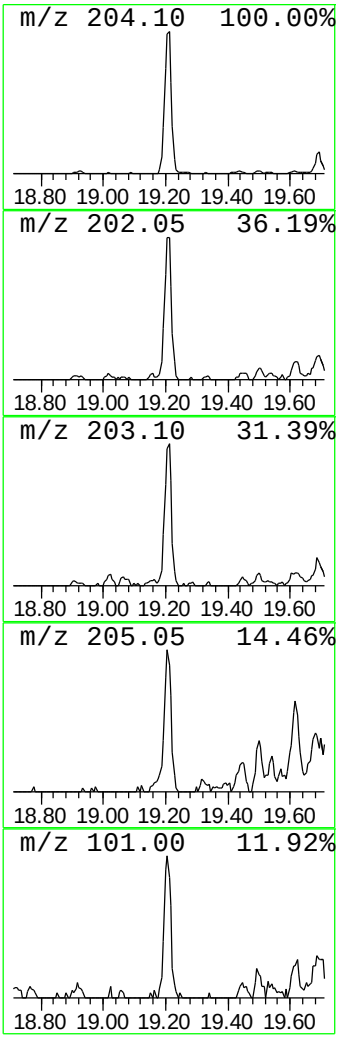
Peak Number 21 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	3.31 ng/ul	160216	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	87





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Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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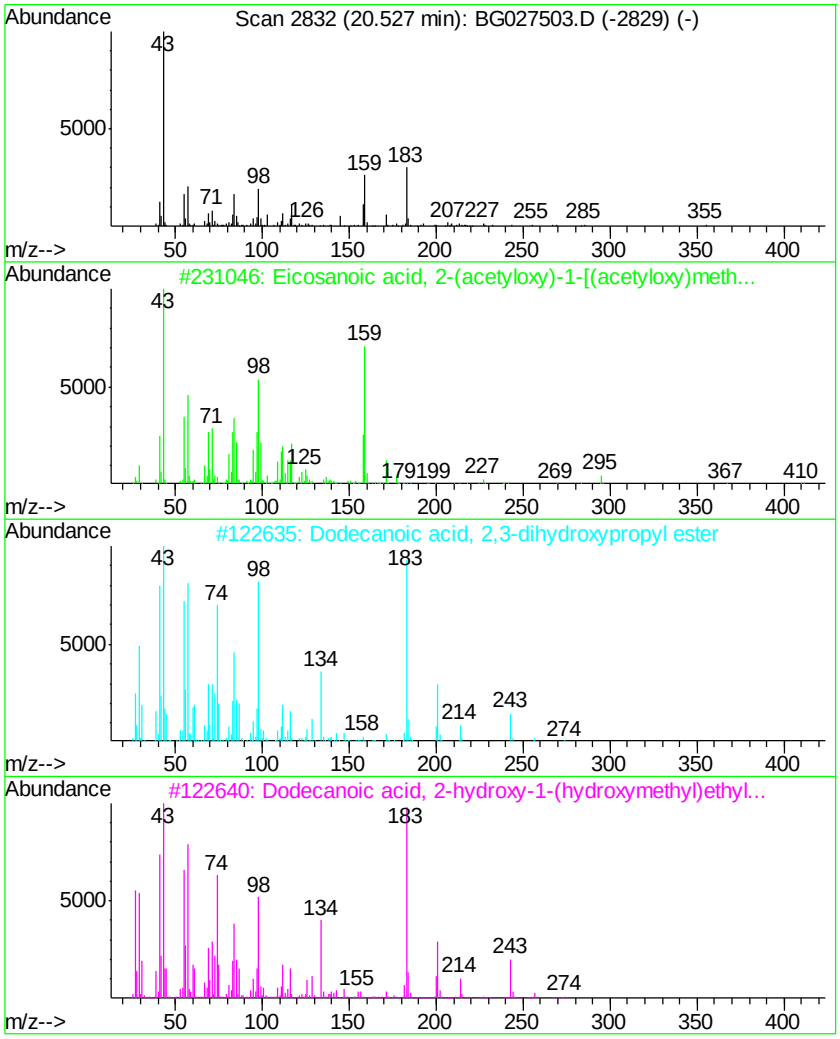
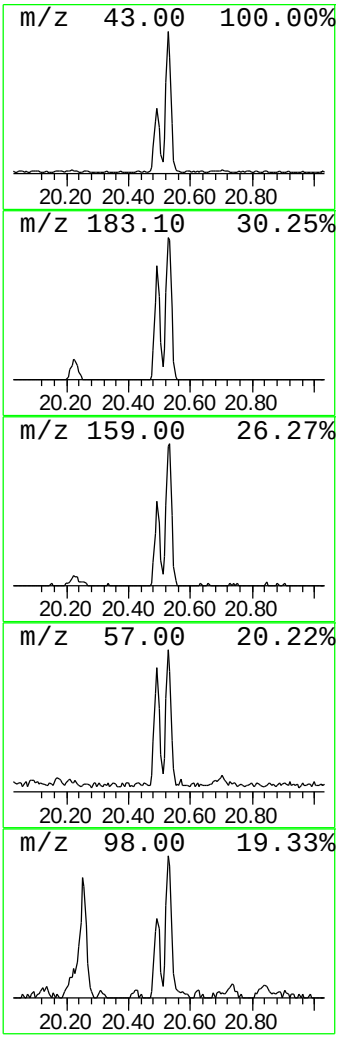
Peak Number 22 Eicosanoic acid, 2-(acetylo... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	2.20 ng/ul	184913	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	53
2	Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	43
3	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	37
4	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	14
5	9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	12





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Data File : BG027503.D
Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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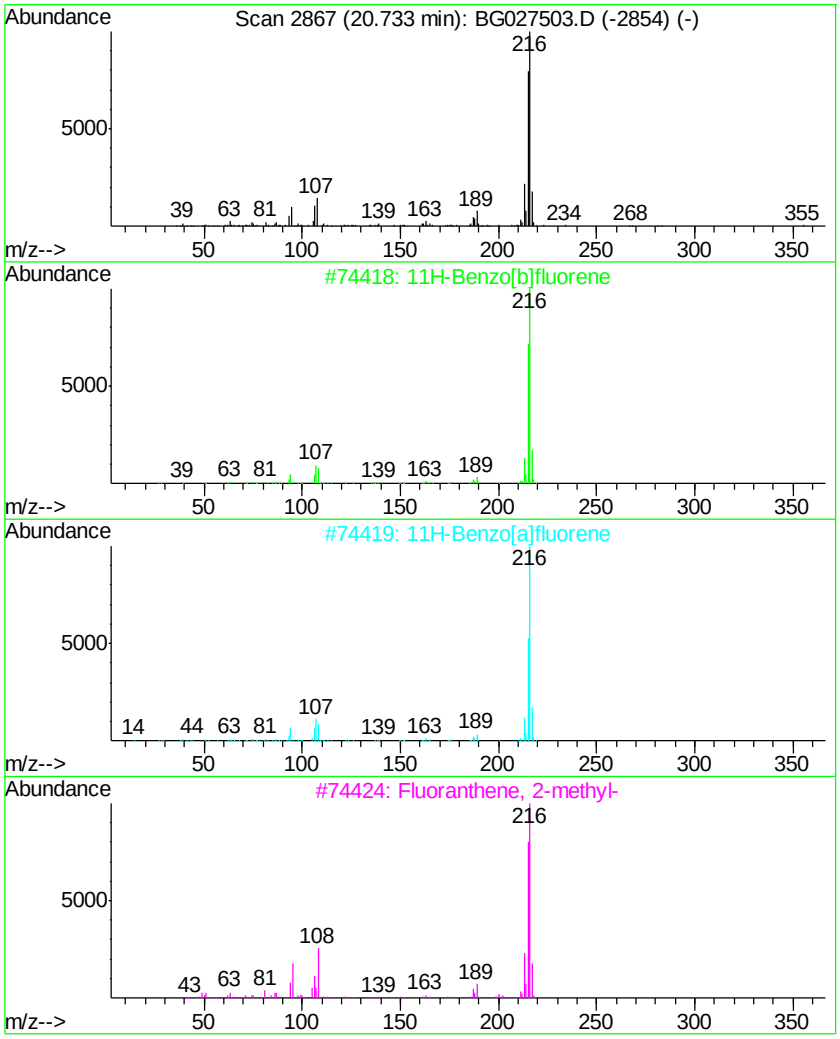
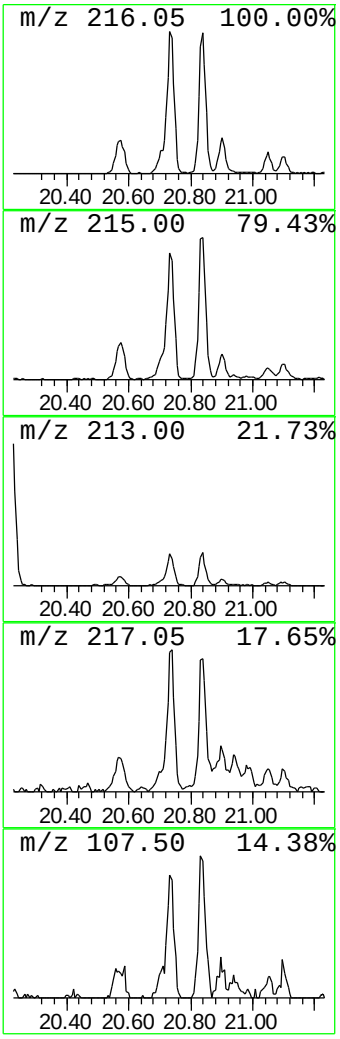
Peak Number 23 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	3.89 ng/ul	327035	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94





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Data File : BG027503.D
Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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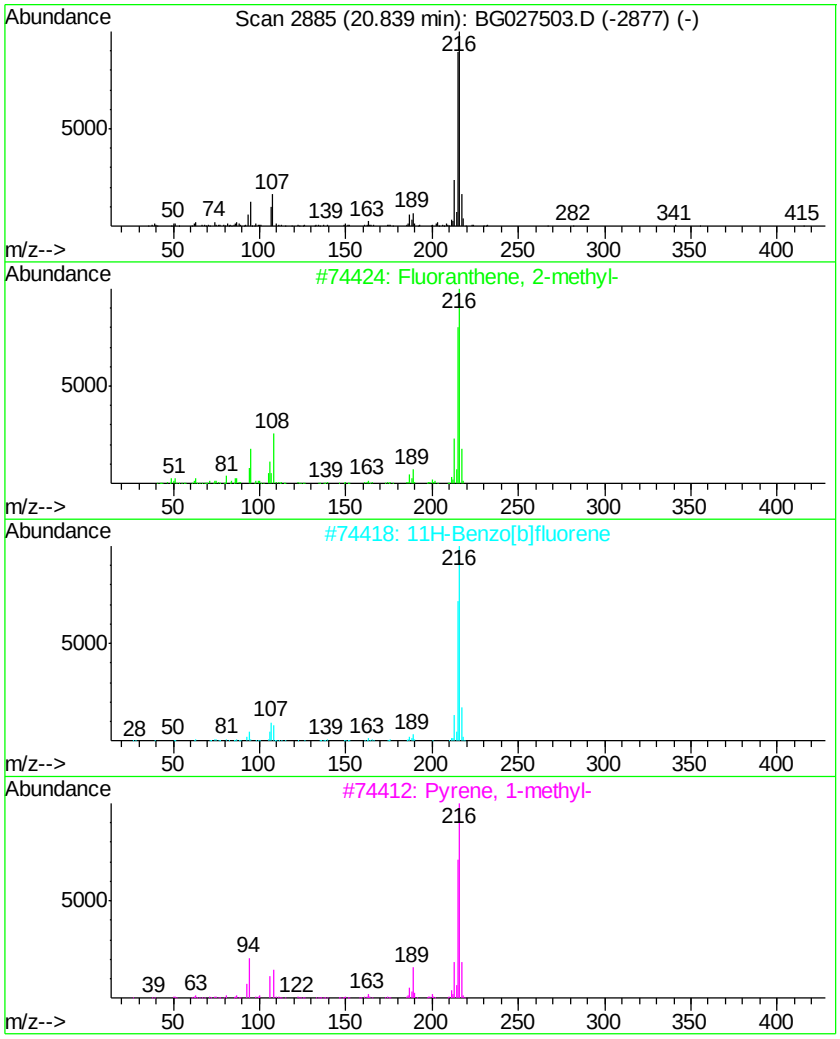
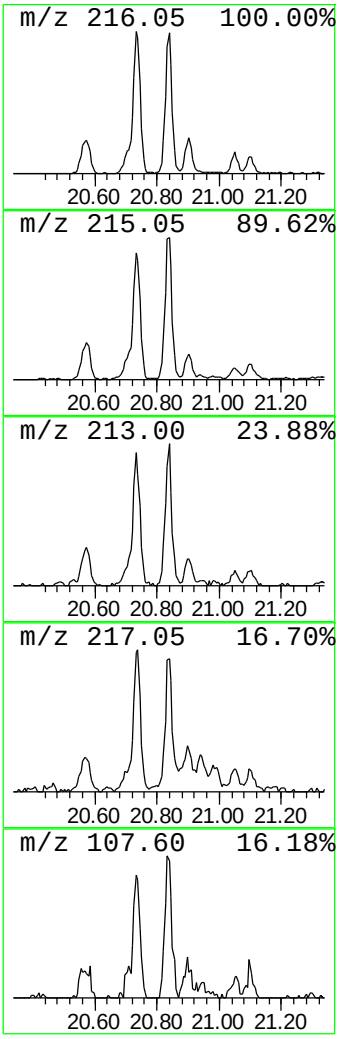
Peak Number 24 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.33 ng/ul	279766	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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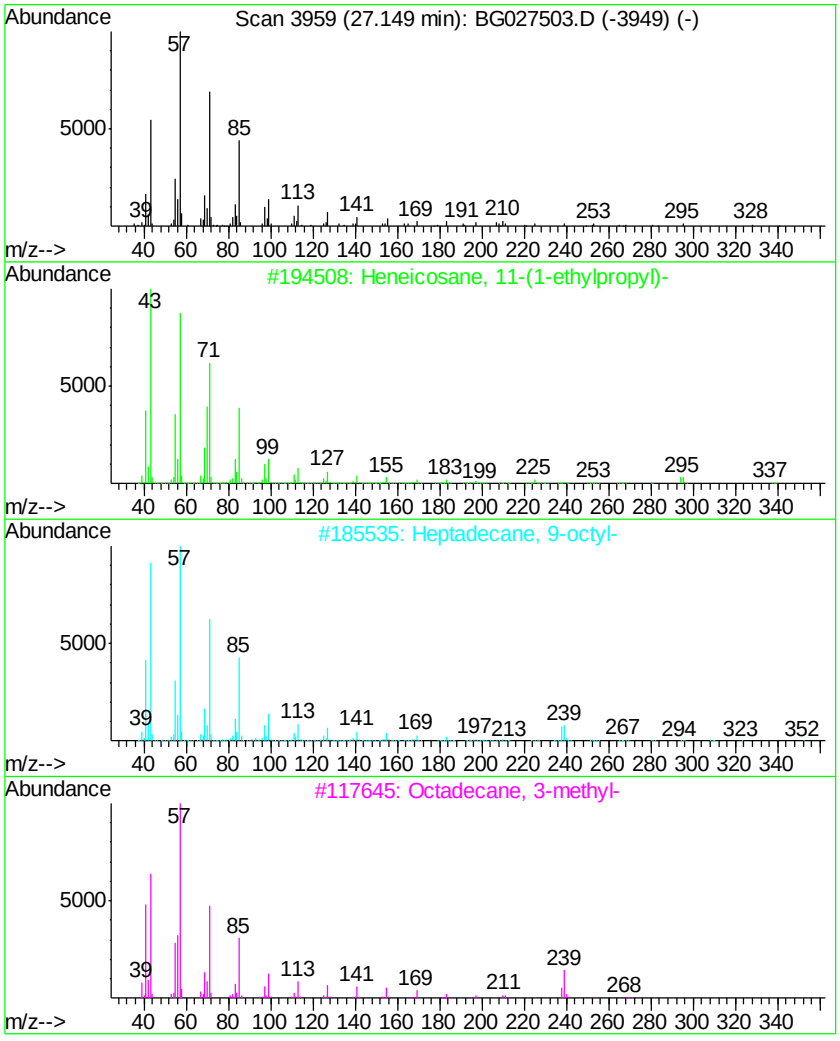
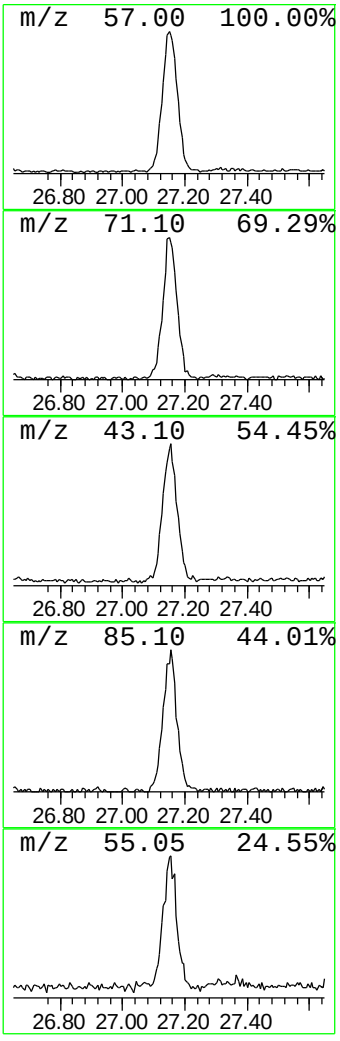
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	4.62 ng/ul	306225	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octadecane, 3-methyl-	268	C19H40	006561-44-0	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octacosane	394	C28H58	000630-02-4	90





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Data File : BG027503.D
Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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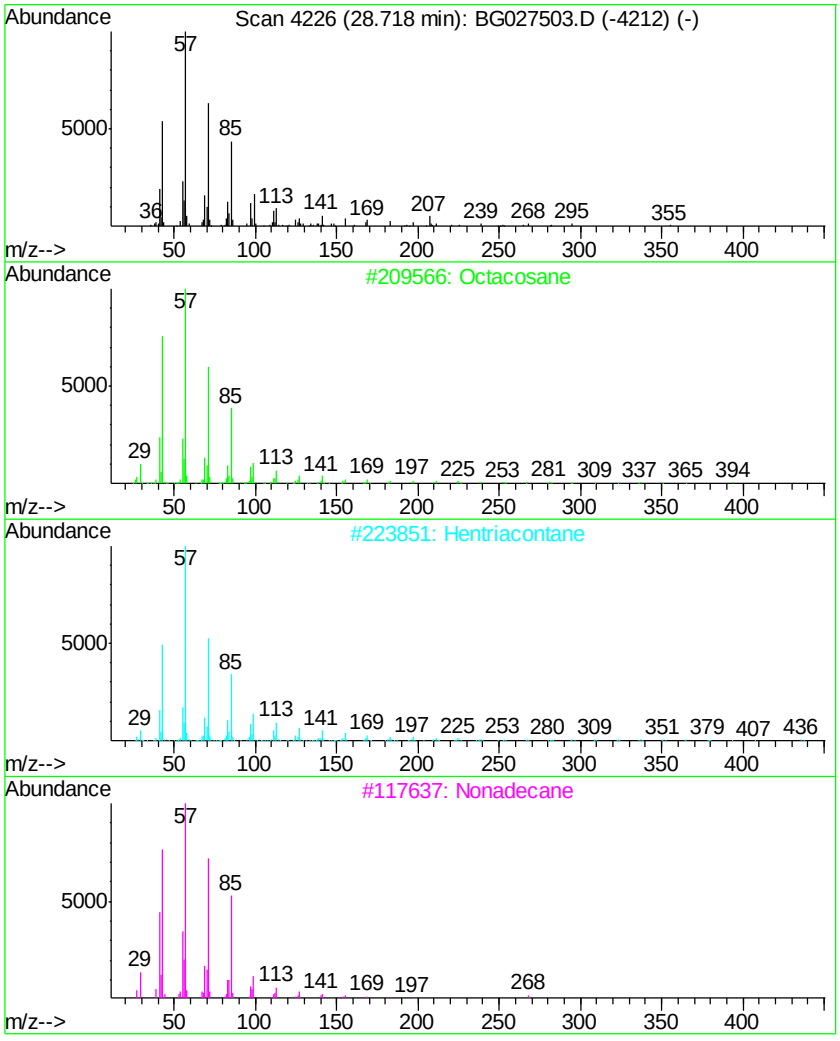
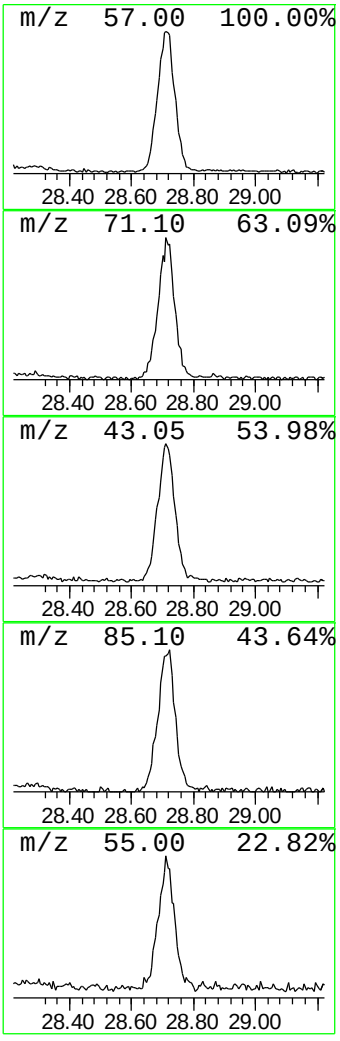
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.72	5.31 ng/ul	352159	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Nonadecane	268	C19H40	000629-92-5	89
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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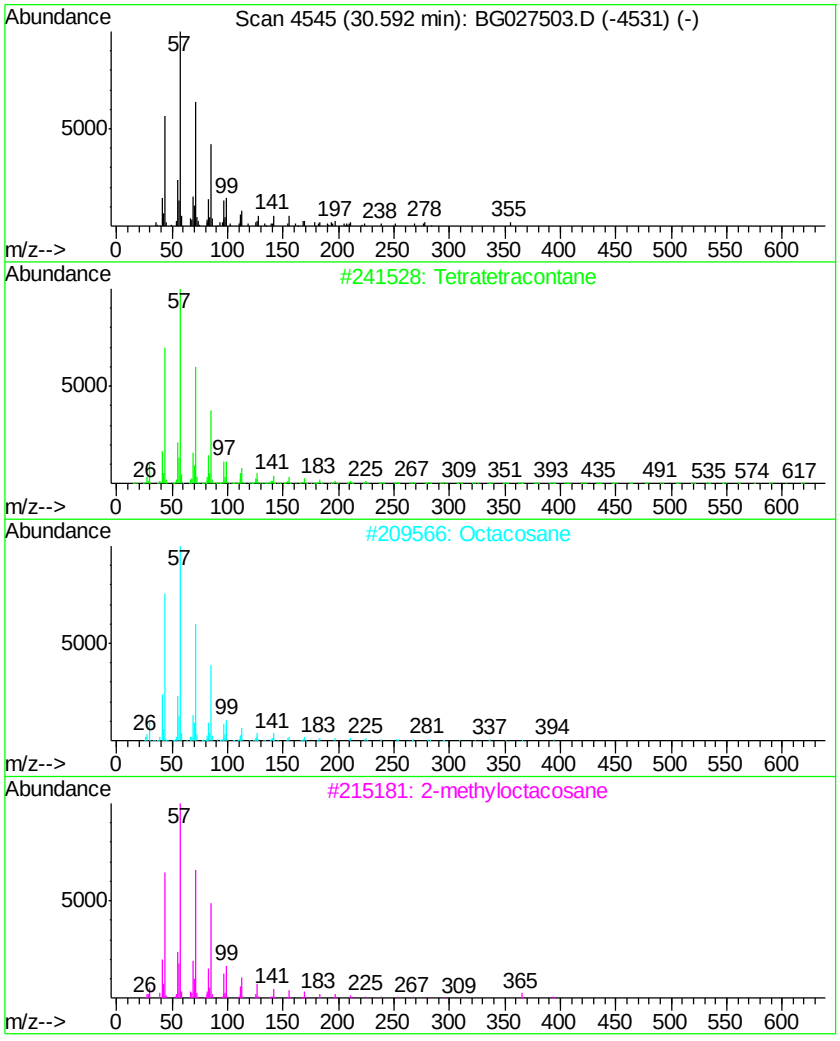
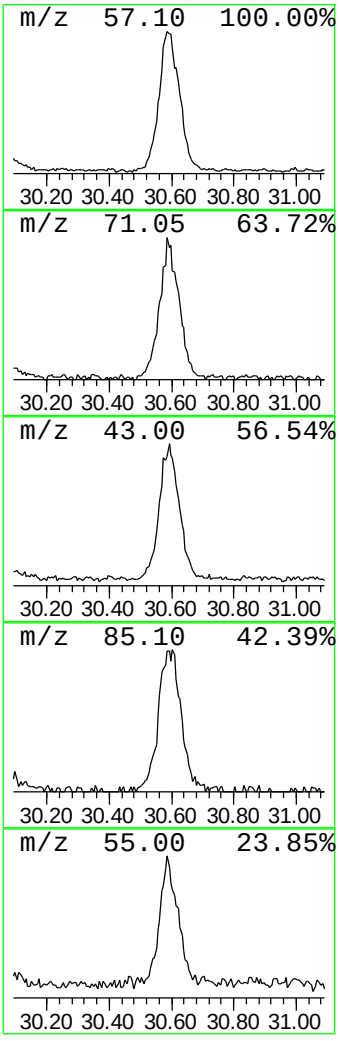
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.59	4.52 ng/ul	299901	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Octacosane	394	C28H58	000630-02-4	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Hentriacontane	437	C31H64	000630-04-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027503.D
Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	10.74	2.6	ng/ul	66246	2	11.34	513884	20.0
Cyclohexanemethan...	13.01	10.2	ng/ul	262858	2	11.34	513884	20.0
Naphthalene, 1-me...	13.17	19.3	ng/ul	494804	2	11.34	513884	20.0
Naphthalene, 2-et...	14.13	2.3	ng/ul	90318	3	15.10	793476	20.0
Naphthalene, 1,6-...	14.28	6.0	ng/ul	236052	3	15.10	793476	20.0
Naphthalene, 2,3-...	14.42	5.8	ng/ul	230163	3	15.10	793476	20.0
Naphthalene, 1,4-...	14.66	2.7	ng/ul	105769	3	15.10	793476	20.0
Benzene, [1-(2,4-...	15.41	2.1	ng/ul	81752	3	15.10	793476	20.0
(DEL) Alkane: Str...	15.90	2.1	ng/ul	85310	3	15.10	793476	20.0
Nordiphenamid	16.31	3.8	ng/ul	150424	3	15.10	793476	20.0
Dibenzofuran, 4-m...	16.44	3.9	ng/ul	154189	3	15.10	793476	20.0
9H-Fluorene, 2-me...	17.15	3.8	ng/ul	184856	4	17.85	967517	20.0
Phenol, 4-(2-phen...	17.57	2.2	ng/ul	105039	4	17.85	967517	20.0
Dibenzothiophene	17.67	5.7	ng/ul	277793	4	17.85	967517	20.0
Phenanthrene, 2-m...	18.72	8.1	ng/ul	392054	4	17.85	967517	20.0
Phenanthrene, 1-m...	18.77	7.0	ng/ul	337497	4	17.85	967517	20.0
Anthracene, 1-met...	18.85	3.1	ng/ul	148574	4	17.85	967517	20.0
4H-Cyclopenta[def...	18.92	12.6	ng/ul	610356	4	17.85	967517	20.0
Naphthalene, 2-ph...	19.21	3.3	ng/ul	160216	4	17.85	967517	20.0
Eicosanoic acid, ...	20.53	2.2	ng/ul	184913	5	22.23	1682460	20.0
11H-Benzo[b]fluorene	20.73	3.9	ng/ul	327035	5	22.23	1682460	20.0
Fluoranthene, 2-m...	20.84	3.3	ng/ul	279766	5	22.23	1682460	20.0
(DEL) Alkane: Str...	27.15	4.6	ng/ul	306225	6	25.89	1326030	20.0
(DEL) Alkane: Str...	28.72	5.3	ng/ul	352159	6	25.89	1326030	20.0
(DEL) Alkane: Str...	30.59	4.5	ng/ul	299901	6	25.89	1326030	20.0