LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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	6.657	670	675	685	rVB	129854	223465	3.30%	0.277%
2	6.798	693	699	704	rBV	94912	140209	2.07%	0.174%
3	6.992	727	732	740	rVV	140991	219705	3.24%	0.272%
4	7.450	801	810	819	rBV	133668	219998	3.24%	0.272%
5	8.190	929	936	943	rBV	122812	194593	2.87%	0.241%
6	8.608	1002	1007	1015	rVV	141811	226939	3.35%	0.281%
7	9.330	1123	1130	1136	rBV	138208	227087	3.35%	0.281%
8	9.877	1217	1223	1230	rVB	178578	299191	4.41%	0.370%
9	10.235	1277	1284	1289	rBV	209954	346615	5.11%	0.429%
10	10.288	1289	1293	1299	rVB2	126234	204397	3.01%	0.253%
11	11.915	1563	1570	1577	rVB	120750	195293	2.88%	0.242%
12	12.139	1603	1608	1614	rBV2	88159	133578	1.97%	0.165%
13	12.955	1742	1747	1753	rBV	64131	96317	1.42%	0.119%
14	13.155	1776	1781	1790	rVB	49926	97106	1.43%	0.120%
15	13.290	1798	1804	1805	rBV2	57128	81983	1.21%	0.102%
16	13.449	1825	1831	1836	rBV	110341	193962	2.86%	0.240%
17	13.508	1836	1841	1844	rBV	63726	90801	1.34%	0.112%
18	13.549	1844	1848	1853	rBV	300765	409908	6.05%	0.508%
19	13.596	1853	1856	1860	rBV	119185	151965	2.24%	0.188%
20	13.690	1865	1872	1876	rBV2	51139	91310	1.35%	0.113%
21	13.825	1889	1895	1908	rBV	324709	550358	8.12%	0.682%
22	14.136	1937	1948	1953	rVV3	301380	536427	7.91%	0.664%
23	14.201	1953	1959	1967	rVV	475038	734209	10.83%	0.909%
24	14.395	1987	1992	1996	rVV	87249	155270	2.29%	0.192%
25	14.448	1996	2001	2006	rVV2	89993	146488	2.16%	0.181%
26	14.536	2007	2016	2022	rVV	298906	514283	7.59%	0.637%
27	14.759	2048	2054	2059	rBV2	54172	108137	1.59%	0.134%
28	14.930	2078	2083	2087	rBV5	47727	94949	1.40%	0.118%
29	15.135	2113	2118	2123	rVB	359083	496240	7.32%	0.615%
30	15.194	2123	2128	2133	rBV	652221	862281	12.72%	1.068%
31	15.288	2140	2144	2147	rBV3	157017	217478	3.21%	0.269%
32	15.317	2147	2149	2152	rVB2	88391	91286	1.35%	0.113%
33	15.358	2152	2156	2160	rBV3	117526	195946	2.89%	0.243%
34	15.411	2161	2165	2168	rVV5	70672	123439	1.82%	0.153%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

35	15.488	2175	2178	2187	rVB	157346	295869	4.36%	0.366%
36	15.635	2199	2203	2212	rVB	123338	259623	3.83%	0.321%
37	15.729	2212	2219	2226	rVB6	40155	111994	1.65%	0.139%
38	15.876	2240	2244	2245	rVV3	87335	104873	1.55%	0.130%
39	15.899	2246	2248	2257	rVB3	134734	176014	2.60%	0.218%
40	15.993	2259	2264	2271	rBV2	81374	158827	2.34%	0.197%
41	16.052	2271	2274	2280	rBV2	71523	123610	1.82%	0.153%
42	16.111	2280	2284	2288	rBV3	65178	100960	1.49%	0.125%
43	16.205	2294	2300	2304	rVV3	145020	287652	4.24%	0.356%
44	16.257	2305	2309	2314	rVB3	104465	154451	2.28%	0.191%
45	16.310	2314	2318	2320	rBV4	60453	94341	1.39%	0.117%
46	16.669	2369	2379	2383	rVV5	146554	362707	5.35%	0.449%
47	16.716	2383	2387	2395	rVV	323770	485488	7.16%	0.601%
48	16.898	2413	2418	2421	rBV	229306	372267	5.49%	0.461%
49	16.951	2421	2427	2432	rVV	4063157	5896627	86.97%	7.302%
50	16.998	2432	2435	2438	rVV	348577	509166	7.51%	0.631%
51	17.033	2438	2441	2446	rVV	1011829	1233367	18.19%	1.527%
52	17.086	2446	2450	2457	rVB3	96739	180961	2.67%	0.224%
53	17.309	2484	2488	2500	rVB	166065	282675	4.17%	0.350%
54	17.421	2503	2507	2511	rVV3	77676	114975	1.70%	0.142%
55	17.480	2513	2517	2521	rVV	134267	227370	3.35%	0.282%
56	17.550	2525	2529	2535	rVV	227612	317522	4.68%	0.393%
57	17.626	2537	2542	2546	rVB2	98702	188758	2.78%	0.234%
58	17.773	2561	2567	2572	rBV	575381	898019	13.25%	1.112%
59	17.826	2572	2576	2582	rVB	1229434	1634344	24.11%	2.024%
60	17.879	2582	2585	2587	rBV	104169	134685	1.99%	0.167%
61	17.908	2587	2590	2595	rVB	257546	339317	5.00%	0.420%
62	17.973	2595	2601	2605	rBV2	997458	1639126	24.18%	2.030%
63	18.008	2605	2607	2615	rVB	406321	516235	7.61%	0.639%
64	18.079	2615	2619	2622	rBV5	56232	115375	1.70%	0.143%
65	18.190	2633	2638	2645	rBV3	348230	587477	8.67%	0.727%
66	18.284	2650	2654	2658	rVV	341396	482307	7.11%	0.597%
67	18.331	2659	2662	2666	rVB2	122837	164517	2.43%	0.204%
68	18.402	2672	2674	2678	rVB2	67770	88607	1.31%	0.110%
69	18.531	2690	2696	2701	rVB	3742451	4698199	69.30%	5.818%
70	18.590	2702	2706	2709	rVB	81131	110752	1.63%	0.137%
71	18.666	2715	2719	2723	rBV	746456	953440	14.06%	1.181%

LSC Area Percent Report

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Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

72	18.713	2723	2727	2731	rVV	144757	218727	3.23%	0.271%
73	18.990	2766	2774	2778	rBV	3284829	5223417	77.04%	6.468%
74	19.042	2778	2783	2787	rVB	2954290	3723892	54.93%	4.611%
75	19.125	2793	2797	2803	rVB3	330158	418493	6.17%	0.518%
76	19.354	2825	2836	2843	rBV2	3814304	6779792	100.00%	8.396%
77	19.418	2844	2847	2852	rVB3	121882	193146	2.85%	0.239%
78	19.524	2861	2865	2870	rVV	184916	295514	4.36%	0.366%
79	19.589	2871	2876	2881	rVB	526376	783530	11.56%	0.970%
80	19.765	2902	2906	2910	rVB	735188	904217	13.34%	1.120%
81	19.847	2910	2920	2926	rBV	620432	1277397	18.84%	1.582%
82	19.947	2933	2937	2941	rBV	450681	563971	8.32%	0.698%
83	20.118	2963	2966	2968	rBV4	109304	141048	2.08%	0.175%
84	20.141	2968	2970	2972	rVV	94899	92889	1.37%	0.115%
85	20.376	3006	3010	3013	rVB	204337	254489	3.75%	0.315%
86	20.799	3079	3082	3084	rBV	215149	229362	3.38%	0.284%
87	20.840	3084	3089	3094	rVB3	771154	1106055	16.31%	1.370%
88	21.034	3119	3122	3125	rBV	296143	346929	5.12%	0.430%
89	21.105	3130	3134	3139	rVV2	1761858	2988728	44.08%	3.701%
90	21.158	3139	3143	3152	rVB	1624966	2146264	31.66%	2.658%
91	21.275	3159	3163	3167	rBV	1214130	1248054	18.41%	1.545%
92	21.698	3231	3235	3242	rVB2	1601363	1839037	27.13%	2.277%
93	21.757	3243	3245	3250	rBV5	173386	251552	3.71%	0.312%
94	22.145	3307	3311	3317	rVB	1588450	1985894	29.29%	2.459%
95	22.644	3390	3396	3410	rVB2	2343955	5738558	84.64%	7.106%
96	23.120	3472	3477	3481	rBV	491570	805086	11.87%	0.997%
97	23.190	3483	3489	3499	rVB3	1513086	3917254	57.78%	4.851%
98	23.819	3590	3596	3603	rVB	1019830	1993185	29.40%	2.468%
99	24.542	3714	3719	3729	rVB	636427	1304951	19.25%	1.616%
100	25.388	3859	3863	3875	rVB3	382824	908957	13.41%	1.126%

Sum of corrected areas: 80754098

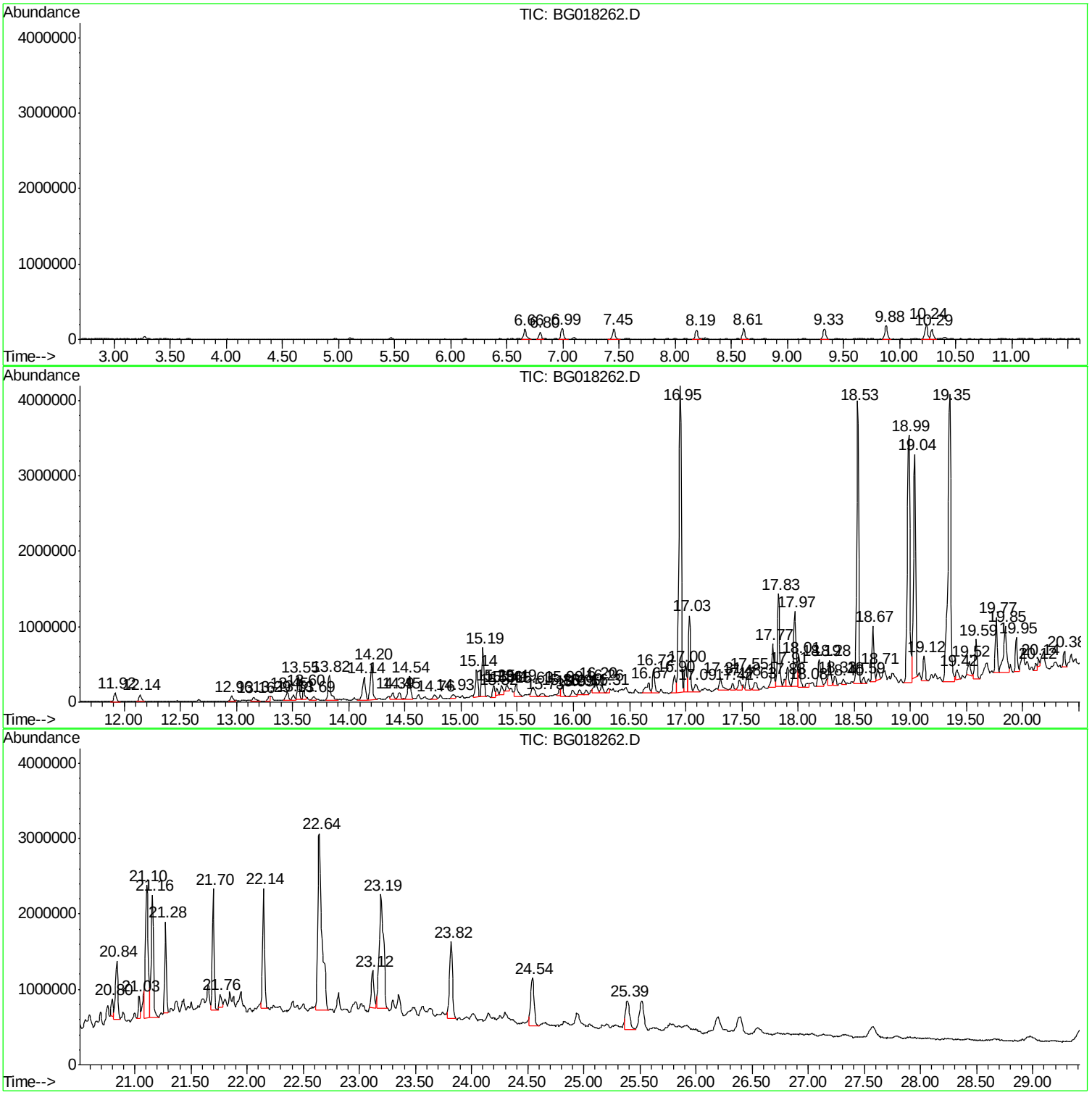
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
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Sample : G3109-15
Misc :
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Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

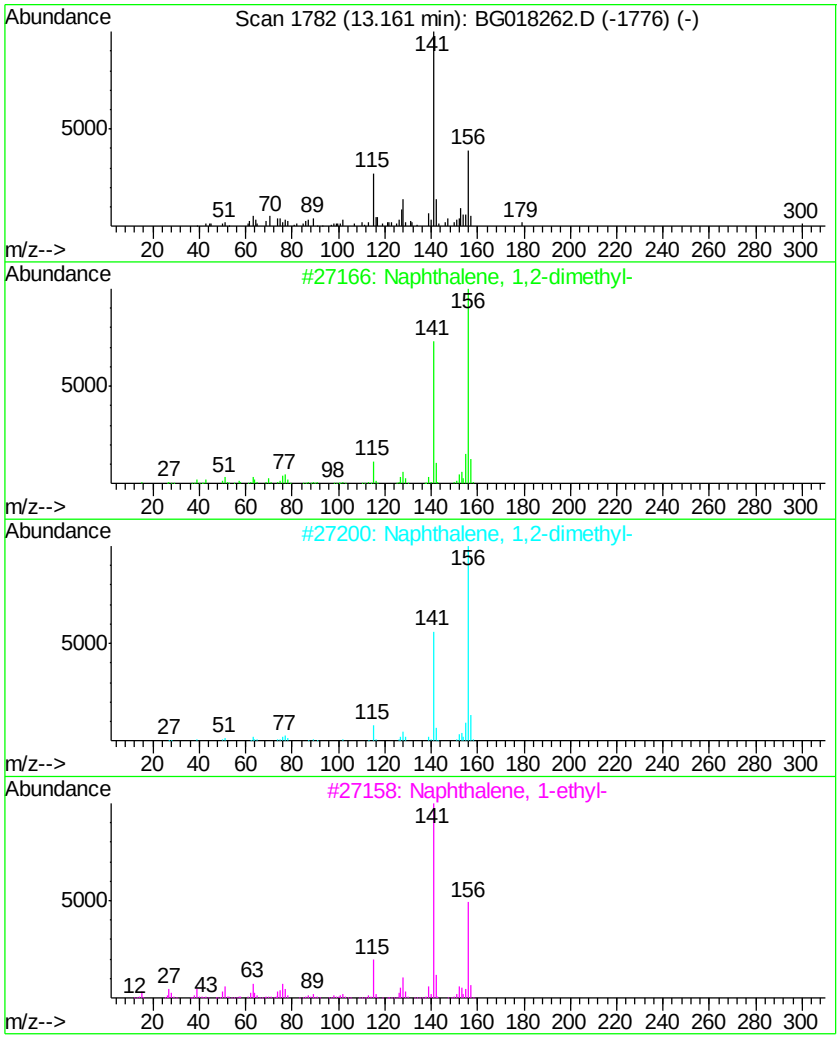
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

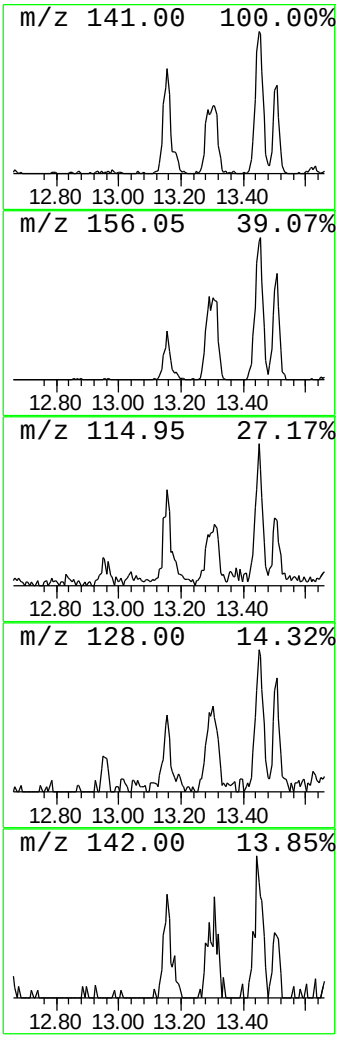
****

Peak Number 1 Naphthalene, 1,2-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.62 ng/ul	97106	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

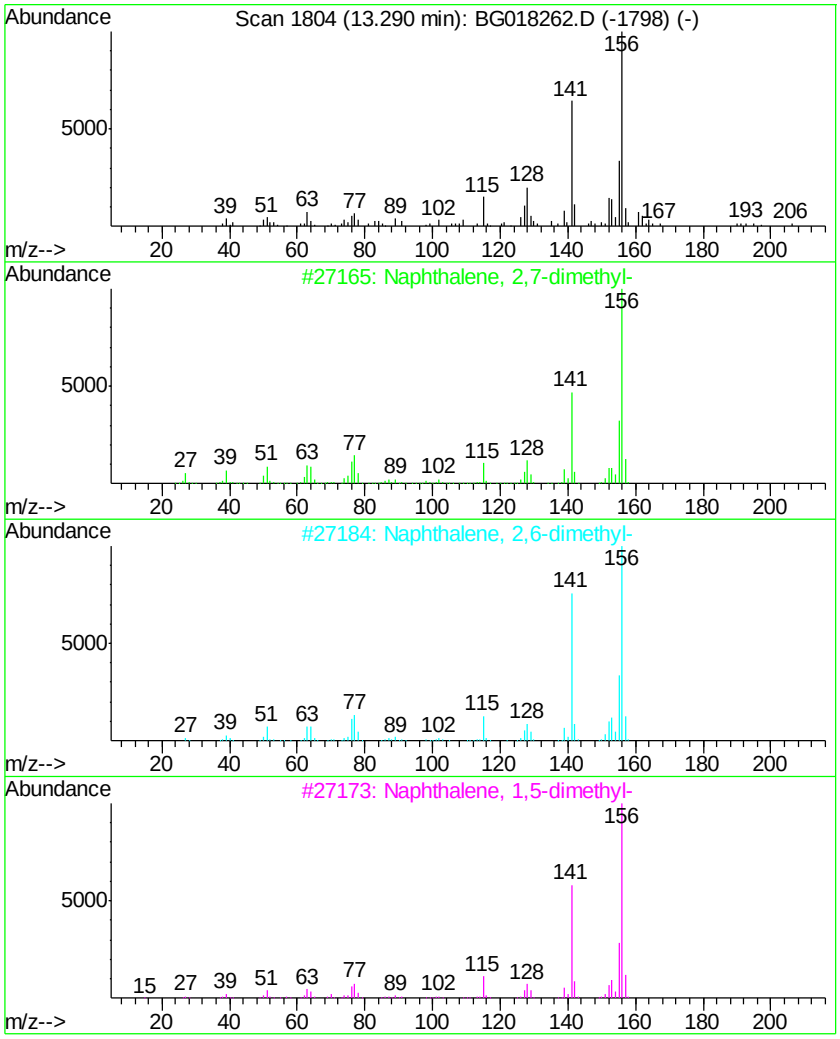
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

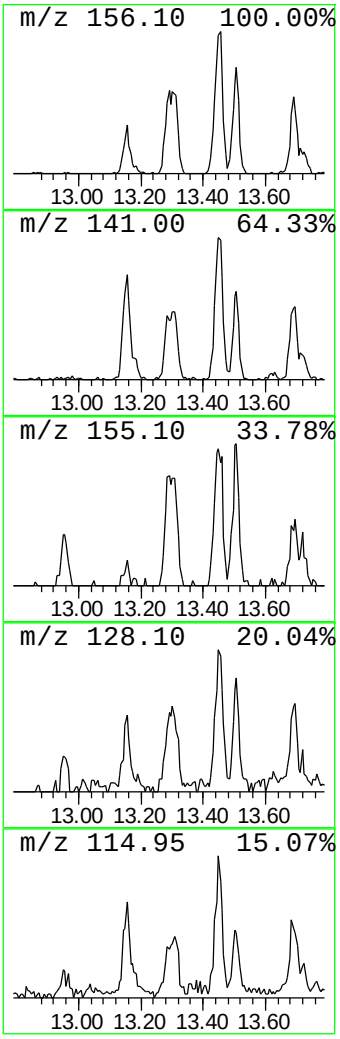
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.06 ng/ul	81983	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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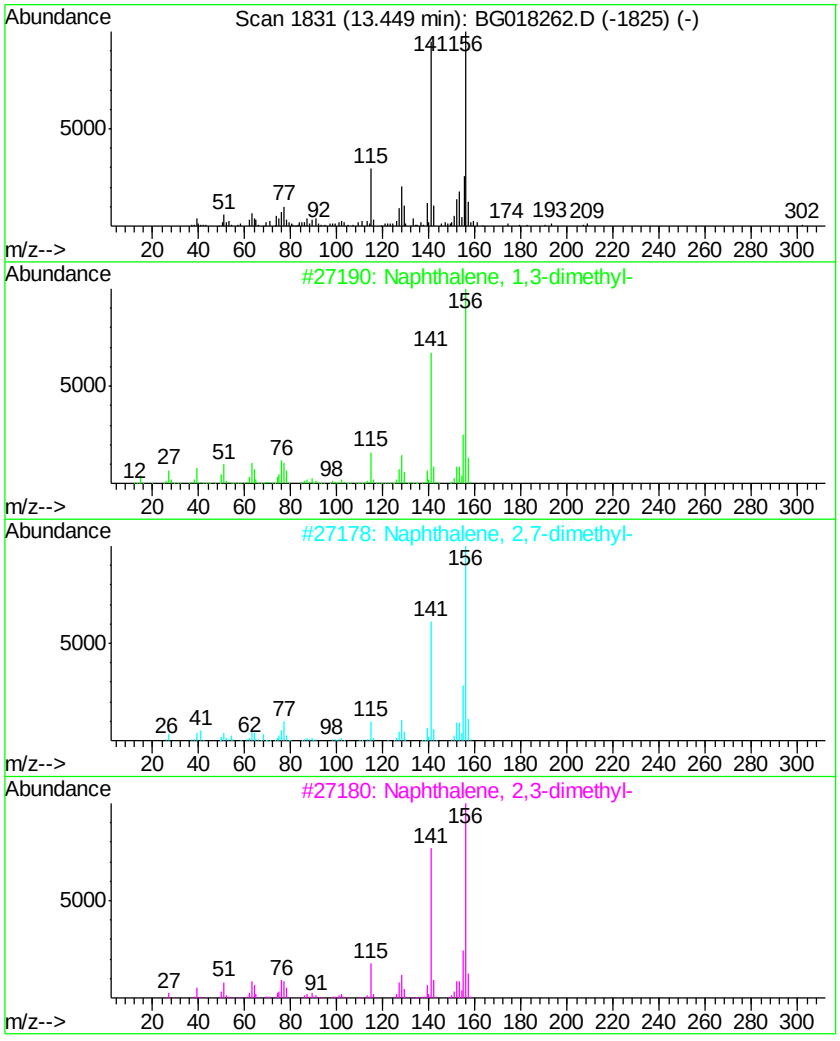
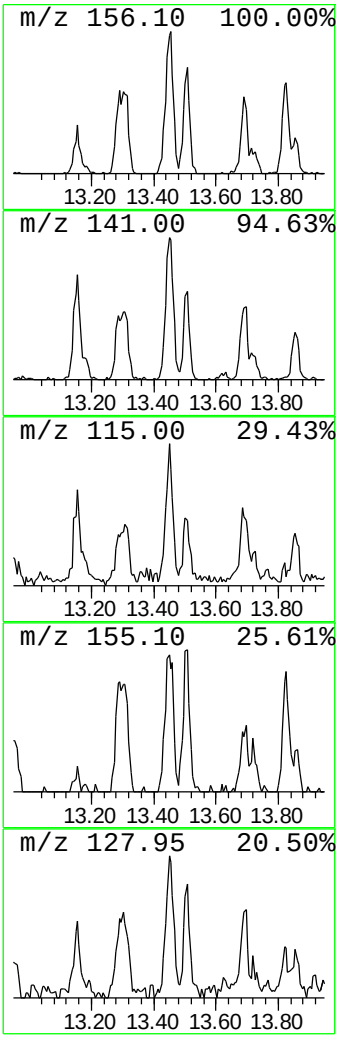
Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	7.23 ng/ul	193962	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

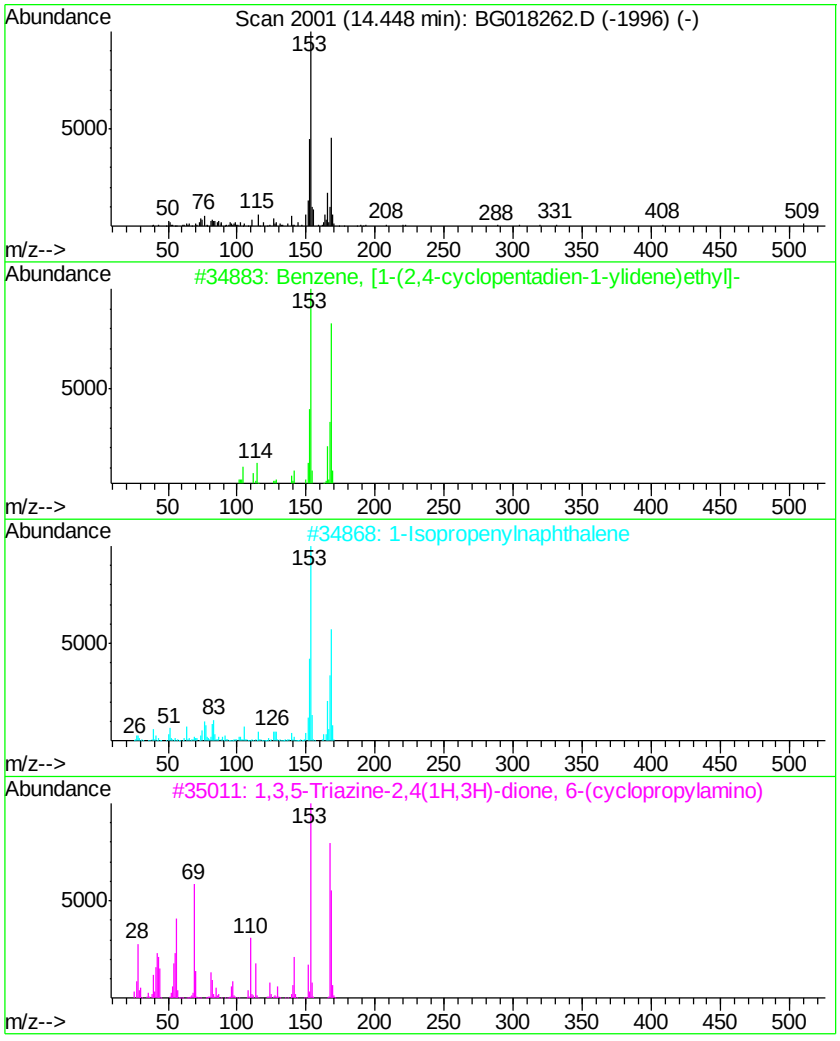
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

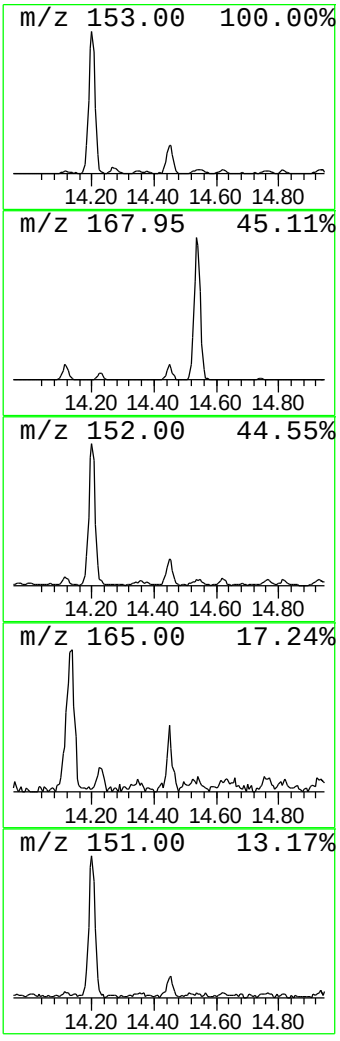
****

Peak Number 5 Benzene, [1-(2,4-cyclopenta... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	5.46 ng/ul	146488	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	83
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
3	1,3,5-Triazine-2,4(1H,3H)-dione,...	168	C6H8N4O2	092510-61-7	50
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	49
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

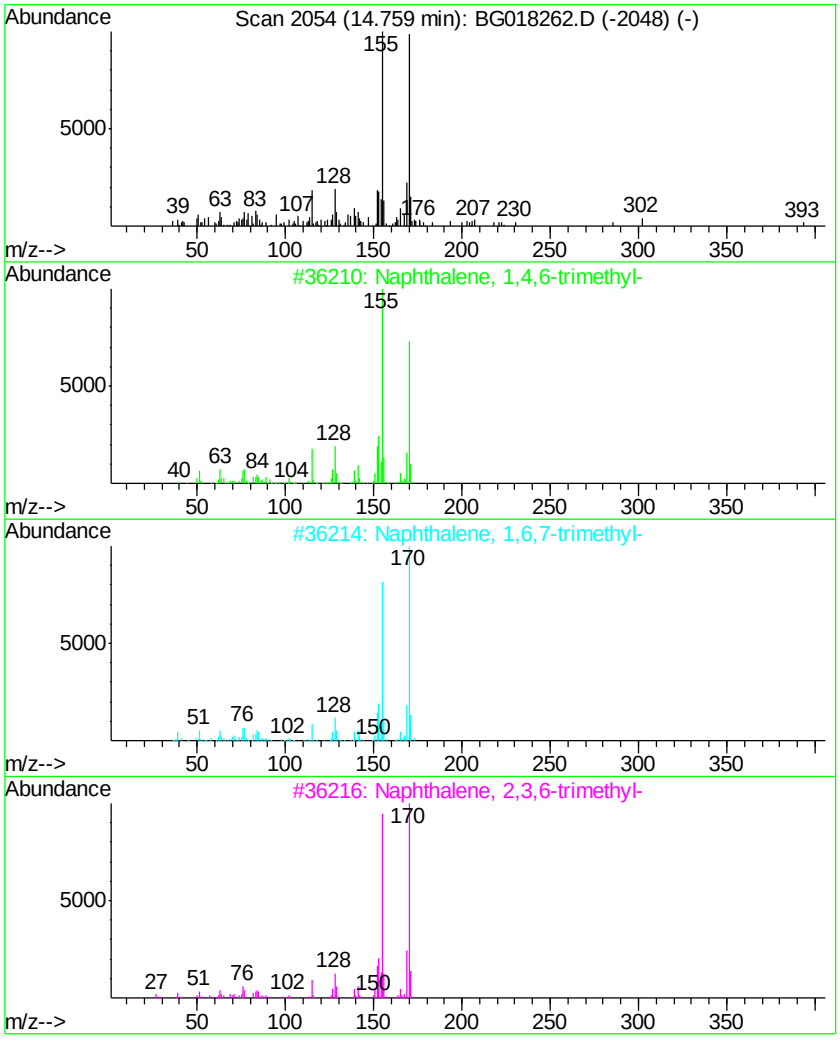
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

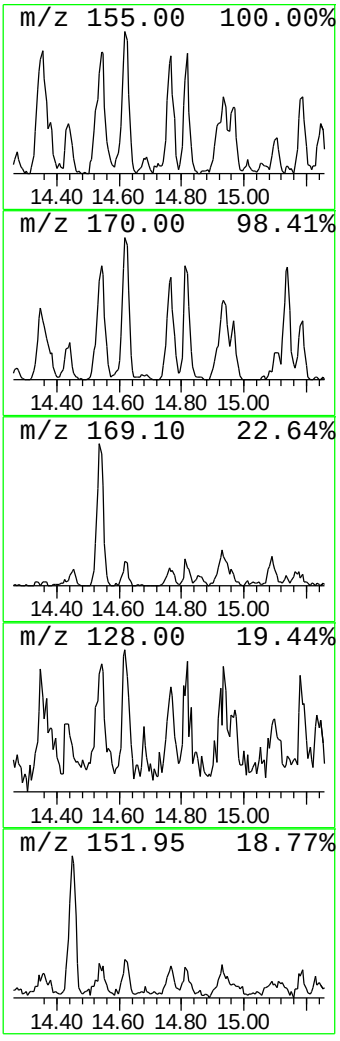
****

Peak Number 6 Naphthalene, 1,4,6-trimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.03 ng/ul	108137	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





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Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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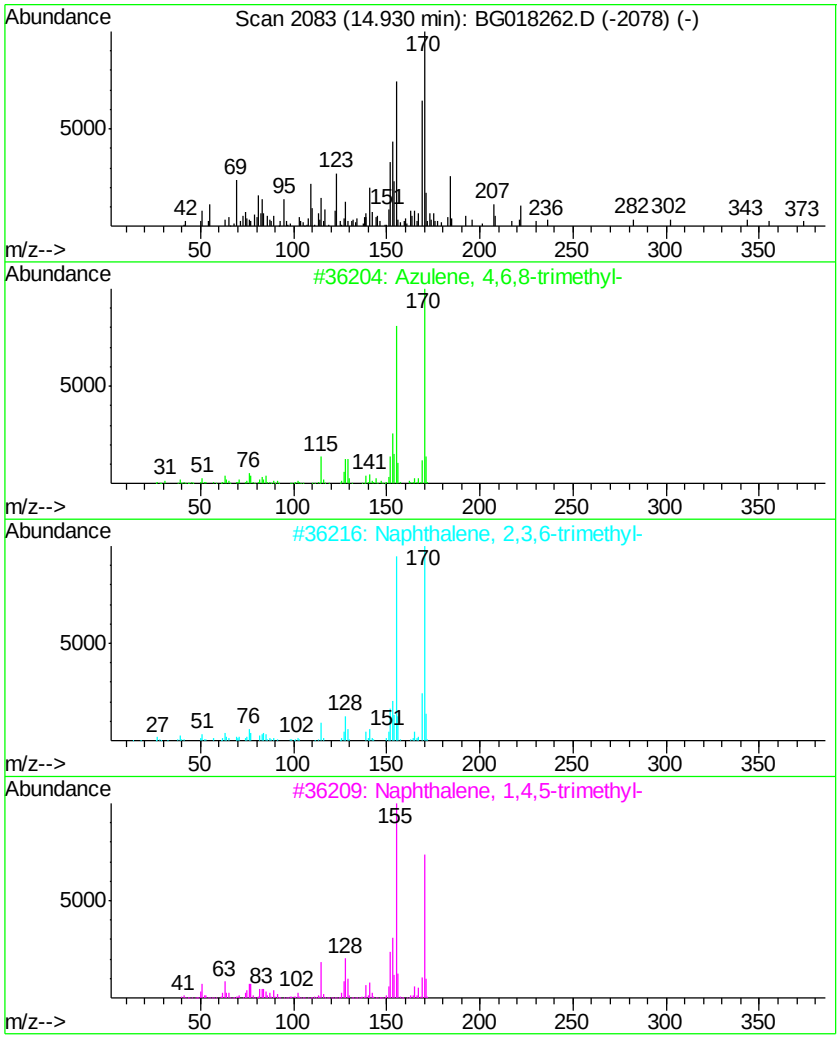
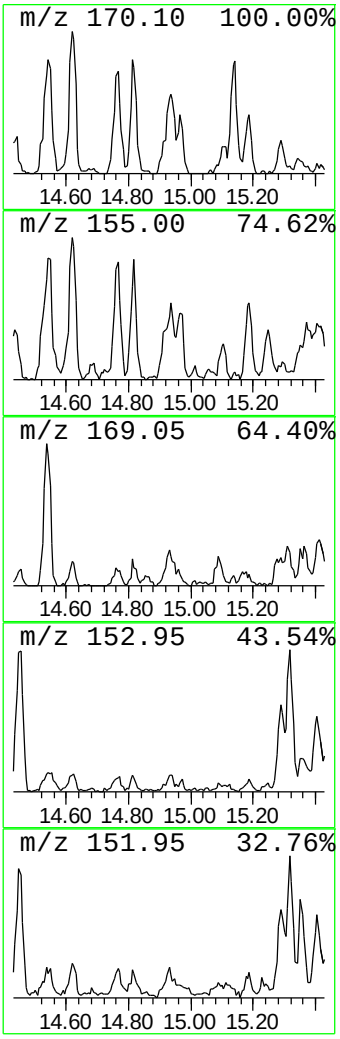
Peak Number 7 unknown-01 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	3.54 ng/ul	94949	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	49
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	47
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	46
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
5	1-Acenaphthenol	170	C12H10O	006306-07-6	43





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Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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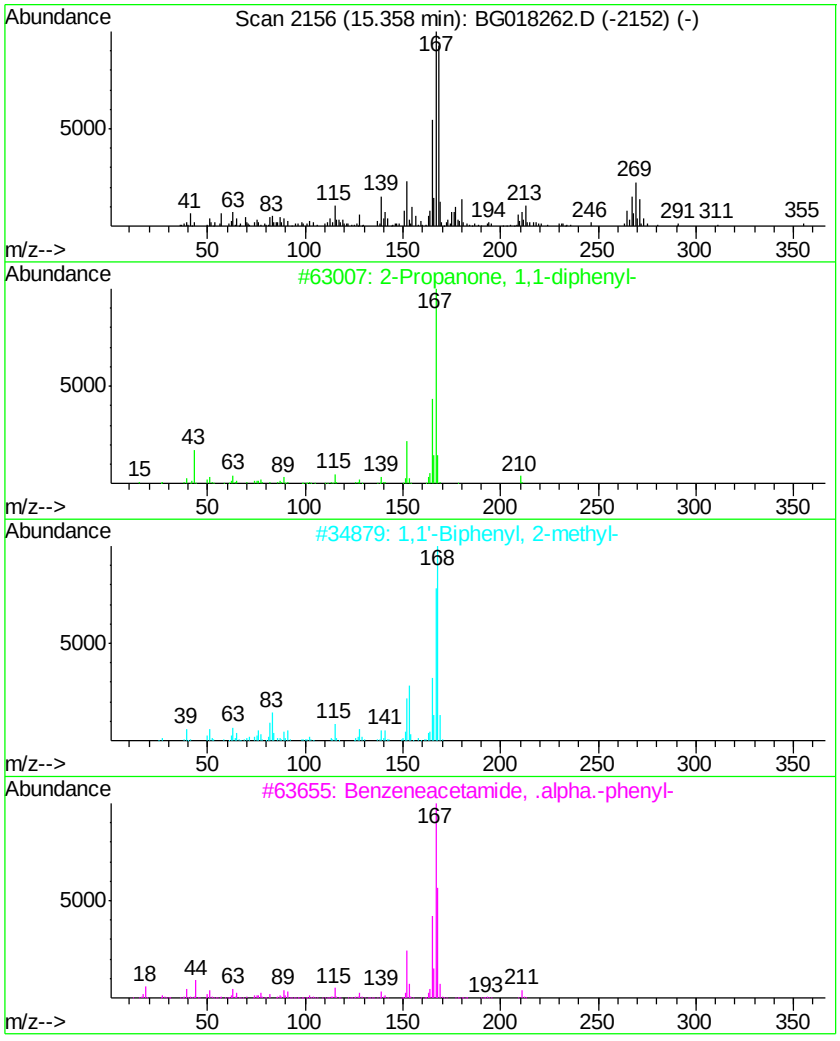
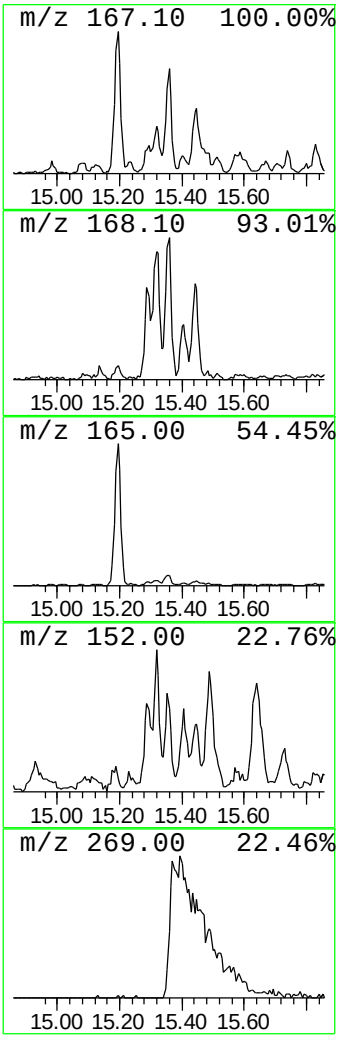
Peak Number 8 2-Propanone, 1,1-diphenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	7.31 ng/ul	195946	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	87
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	83
3	Benzeneacetamide, .alpha.-phenyl-	211	C14H13NO	004695-13-0	64
4	Diphenylmethane	168	C13H12	000101-81-5	64
5	Benzene, 1,1'-[(methylthio)methy...	214	C14H14S	015733-08-1	49





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Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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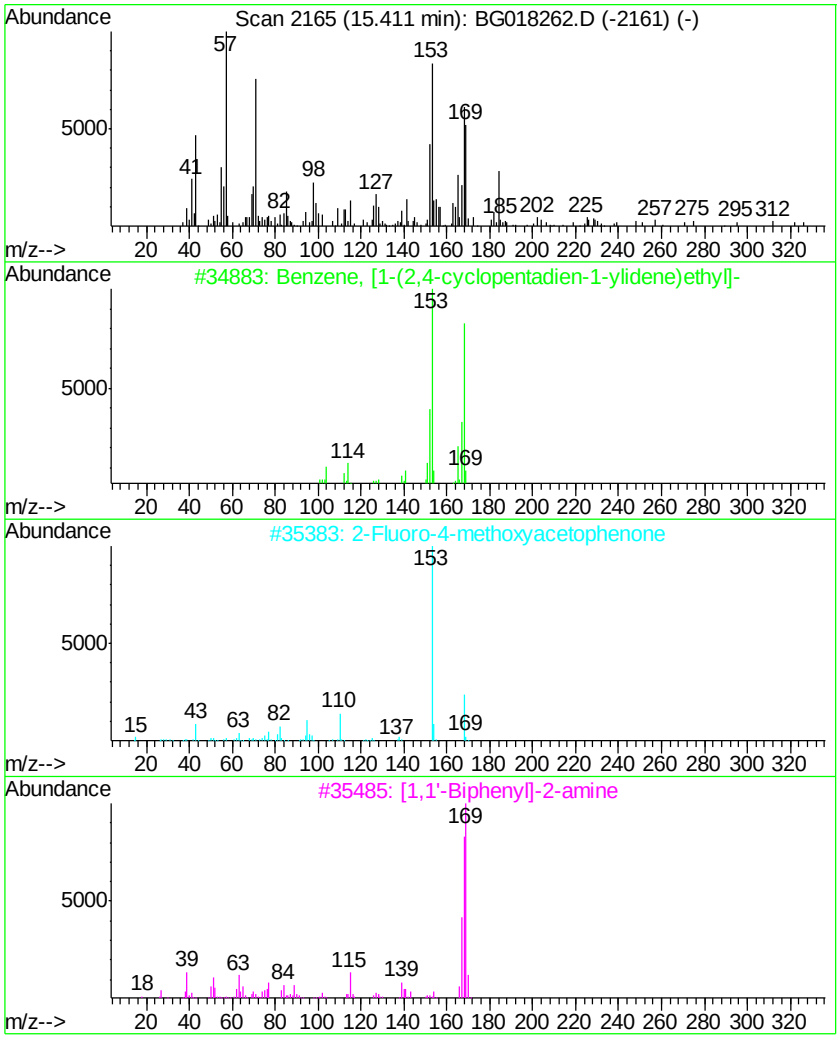
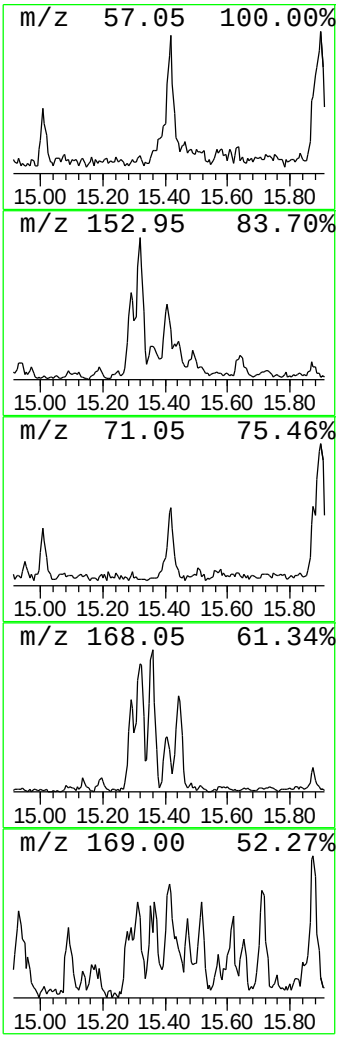
Peak Number 9 unknown-02 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	4.60 ng/ul	123439	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	47
2	2-Fluoro-4-methoxyacetophenone	168	C9H9FO2	074457-86-6	18
3	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	11
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	11
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	11





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Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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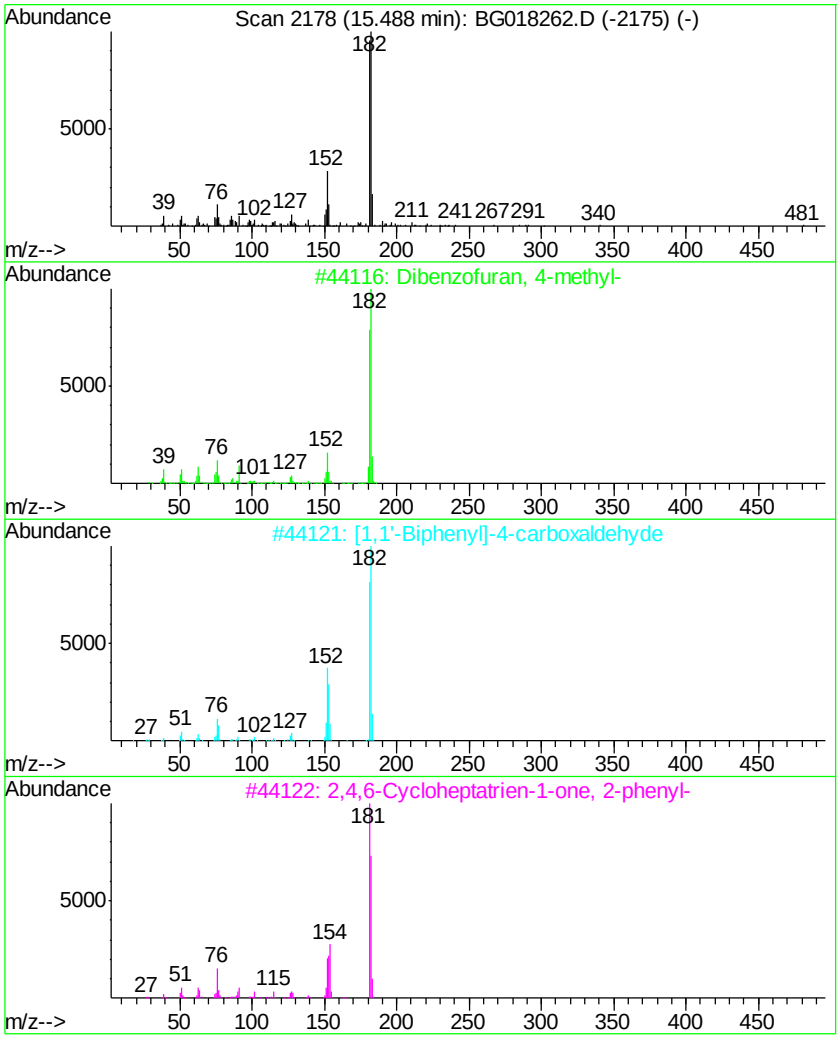
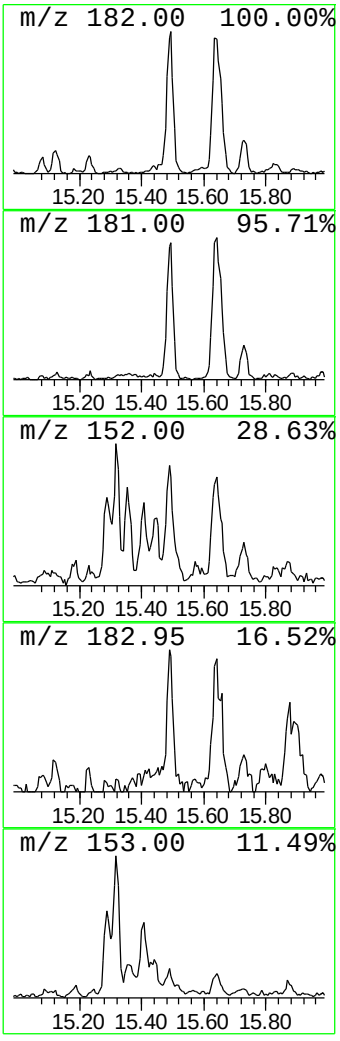
Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	11.03 ng/ul	295869	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol, acetate	224	C15H12O2	025017-68-9	78





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Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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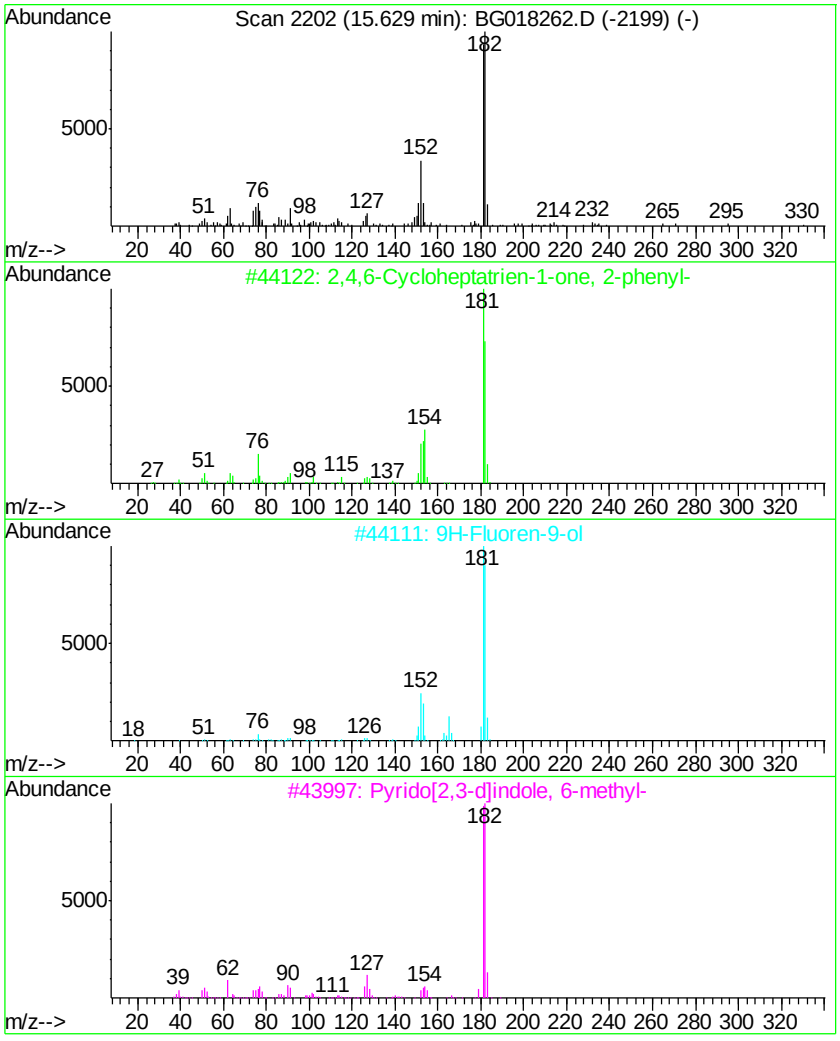
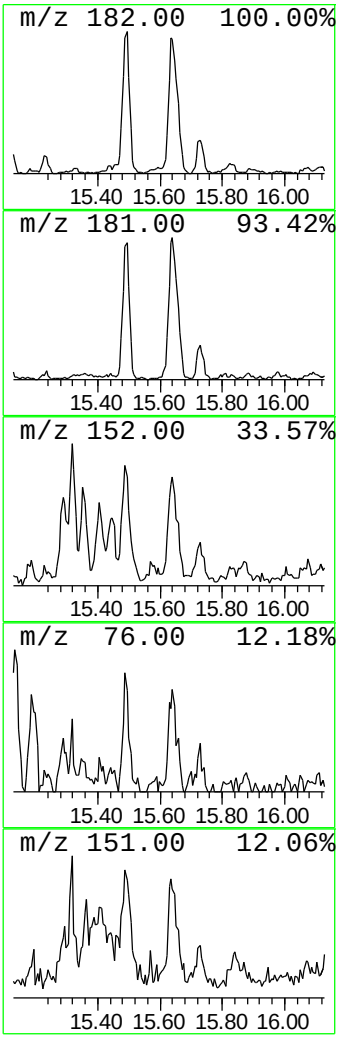
Peak Number 11 2,4,6-Cycloheptatrien-1-one... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	13.95 ng/ul	259623	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	80
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





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Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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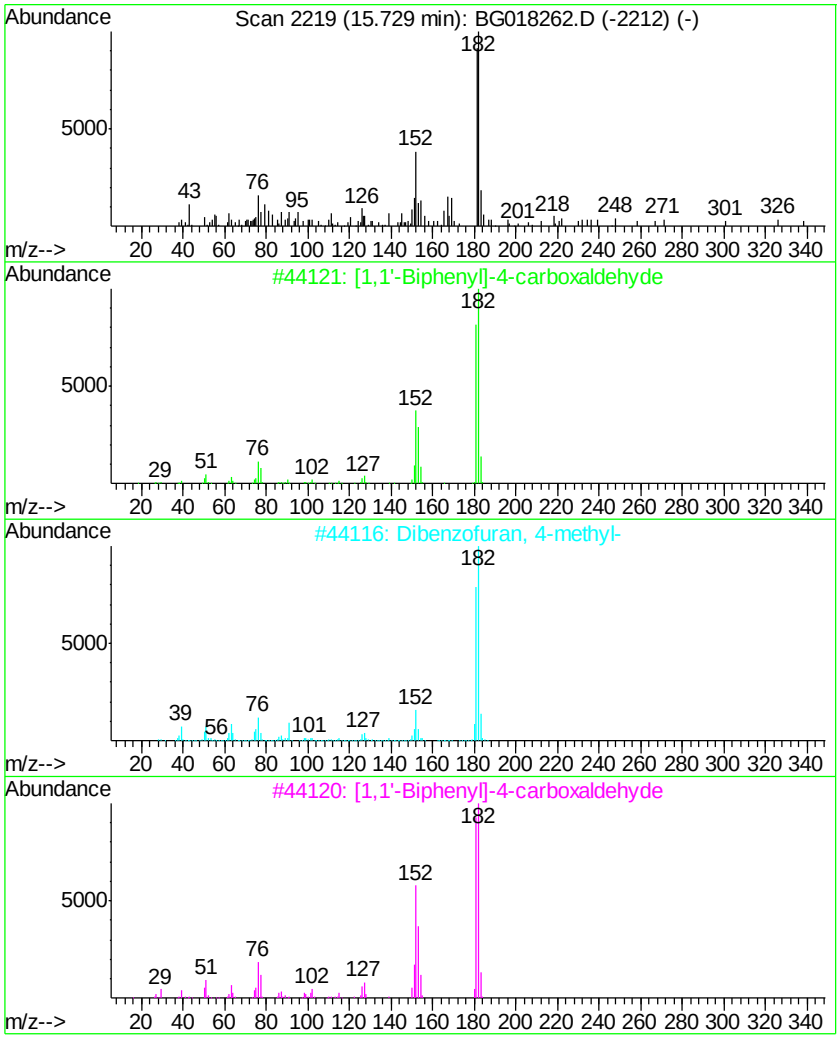
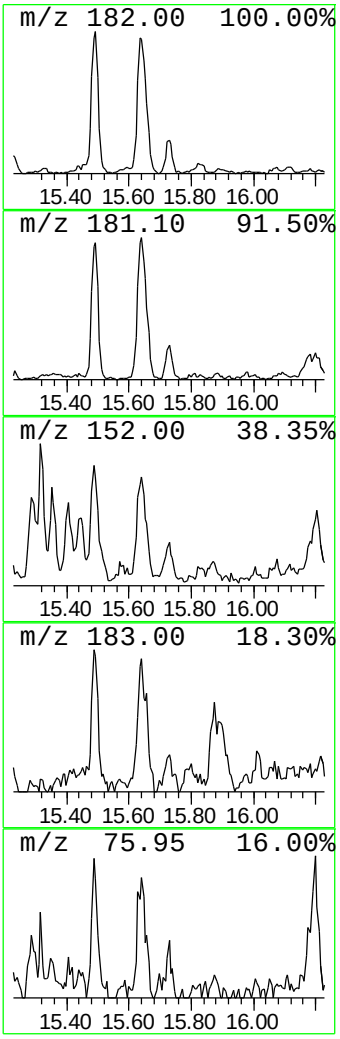
Peak Number 12 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	6.02 ng/ul	111994	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	5-Methylpyrimido[3,4-a]indole	182	C12H10N2	030689-02-2	50
5	9H-Xanthene	182	C13H10O	000092-83-1	49





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Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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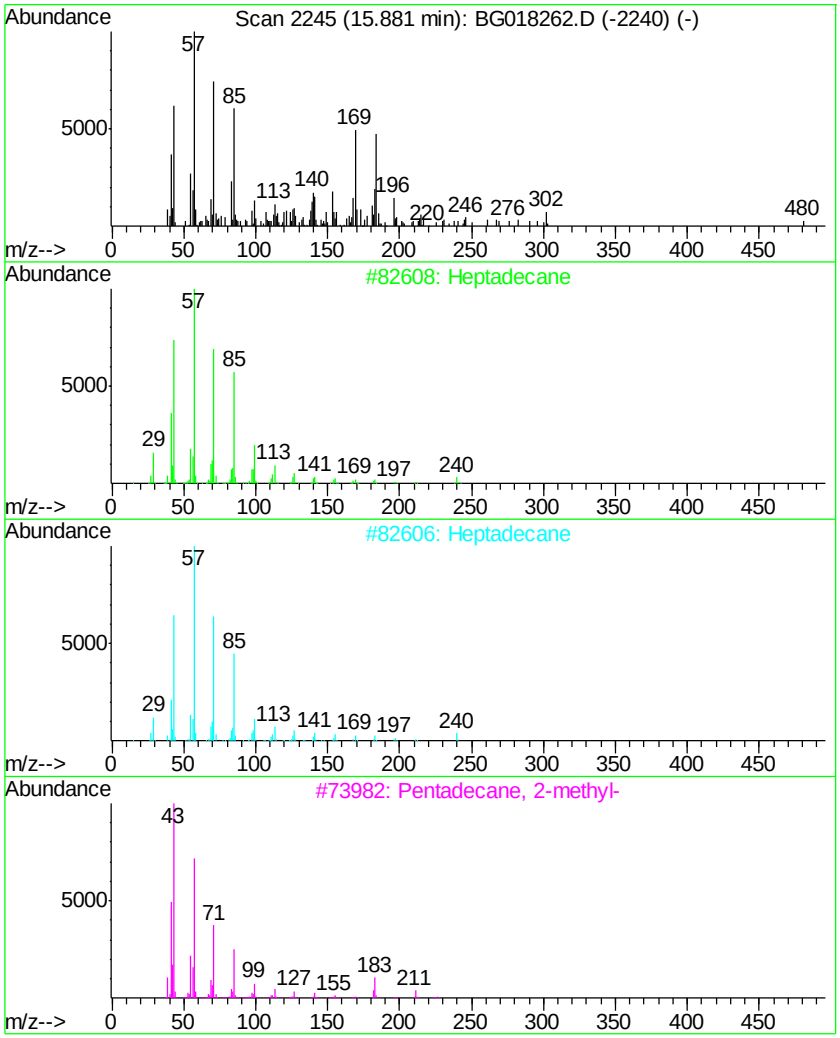
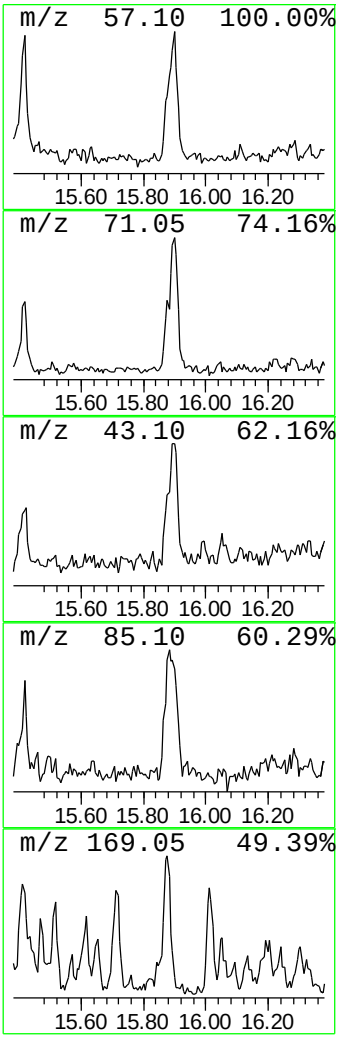
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	5.63 ng/ul	104873	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	56
2	Heptadecane	240	C17H36	000629-78-7	55
3	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	52
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	49
5	Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	46





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Misc :
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Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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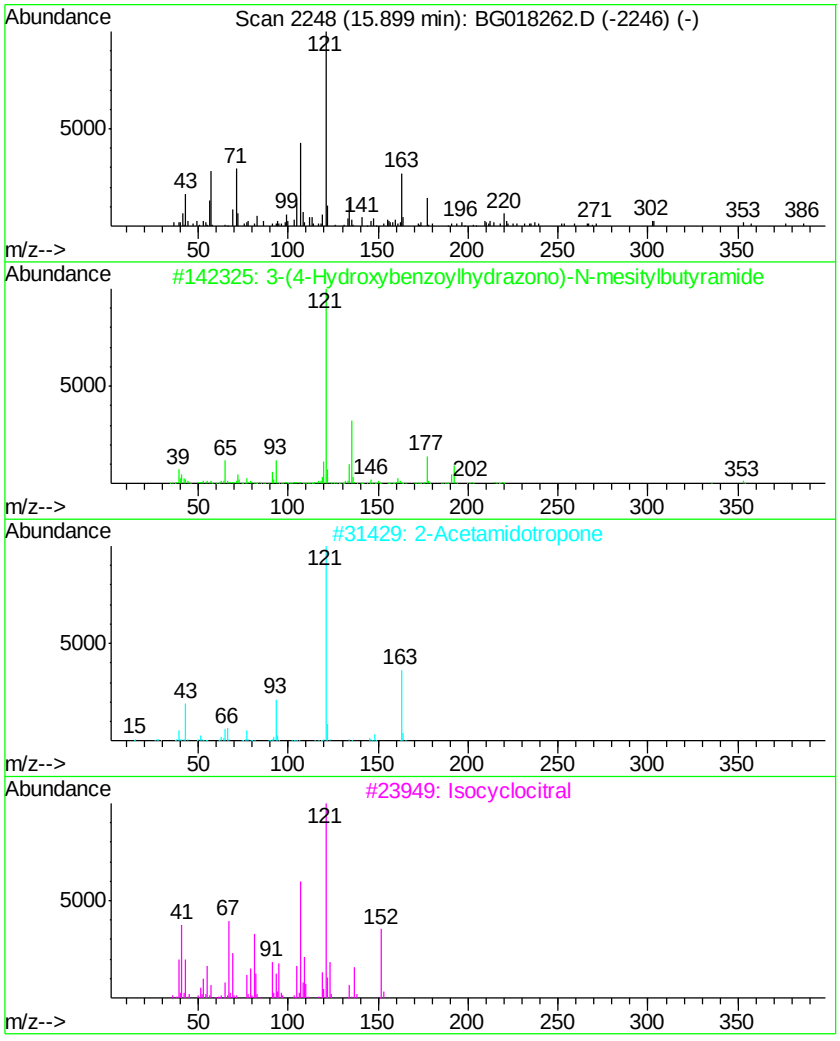
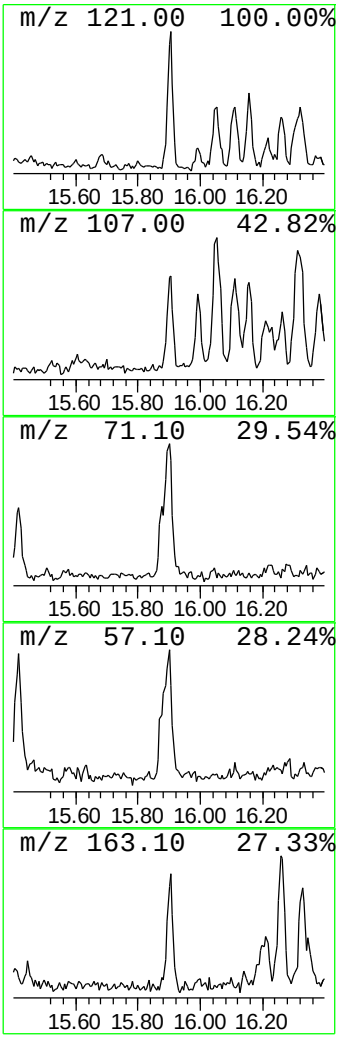
Peak Number 14 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	9.46 ng/ul	176014	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(4-Hydroxybenzoylhydrazono)-N-...	353	C20H23N3O3	330639-03-7	49
2	2-Acetamidotropone	163	C9H9NO2	006422-12-4	43
3	Isocyclocitral	152	C10H16O	001335-66-6	40
4	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	32
5	ortho-Formylphenoxyacetic acid	180	C9H8O4	006280-80-4	32





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Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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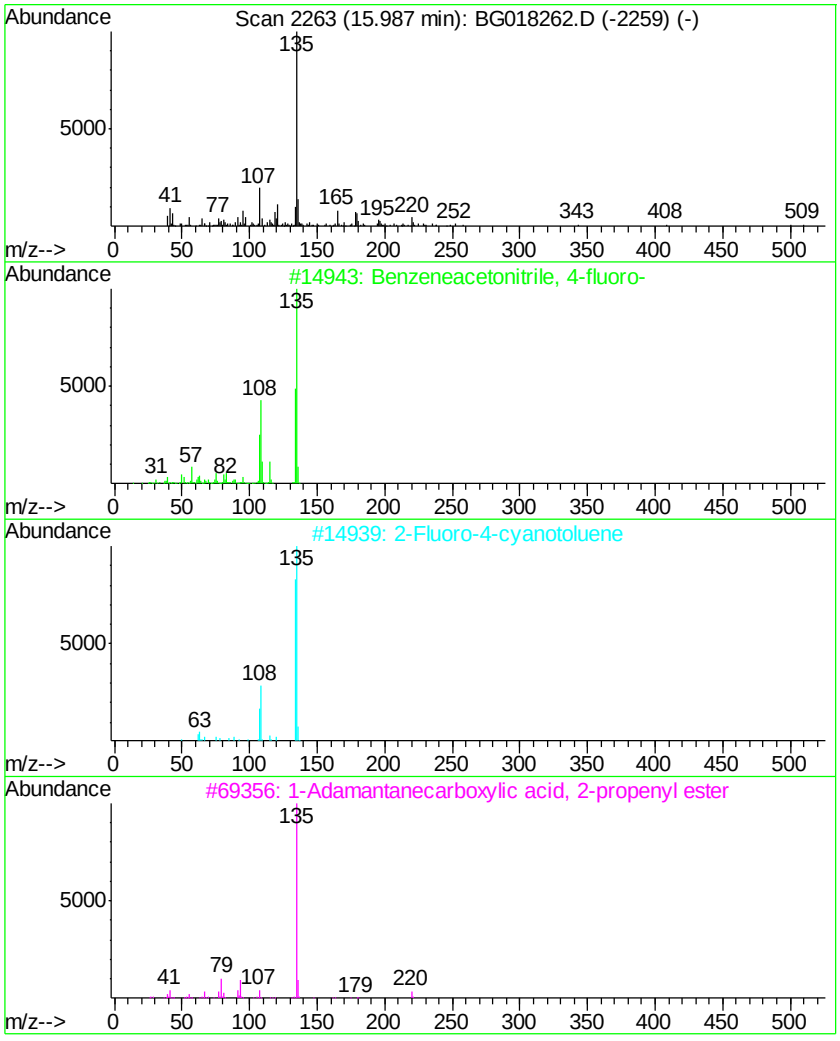
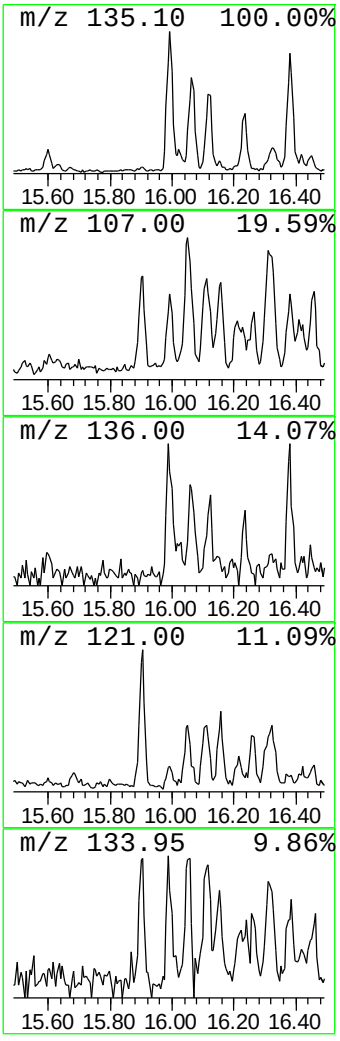
Peak Number 15 Benzeneacetonitrile, 4-fluoro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	8.53 ng/ul	158827	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	64
2	2-Fluoro-4-cyanotoluene	135	C8H6FN	170572-49-3	64
3	1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	58
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	53
5	1-Dodecanone, 2-(imidazol-1-yl)-...	356	C22H32N2O2	1000137-95-7	52





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Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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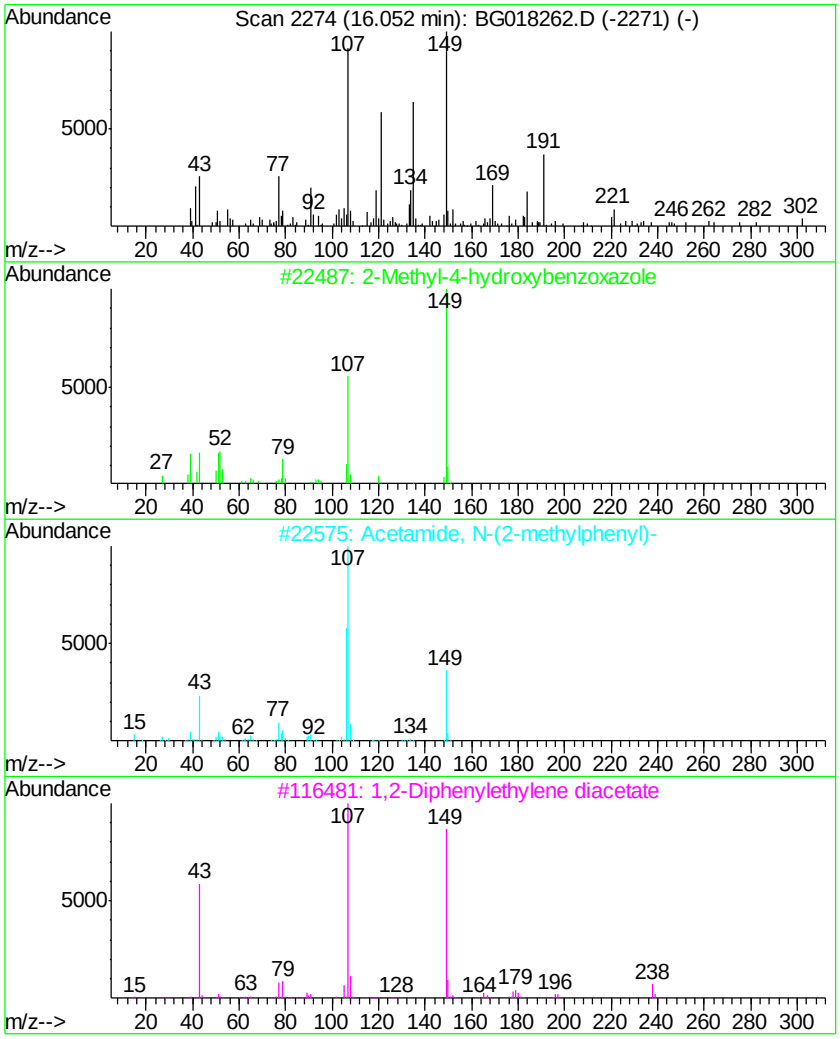
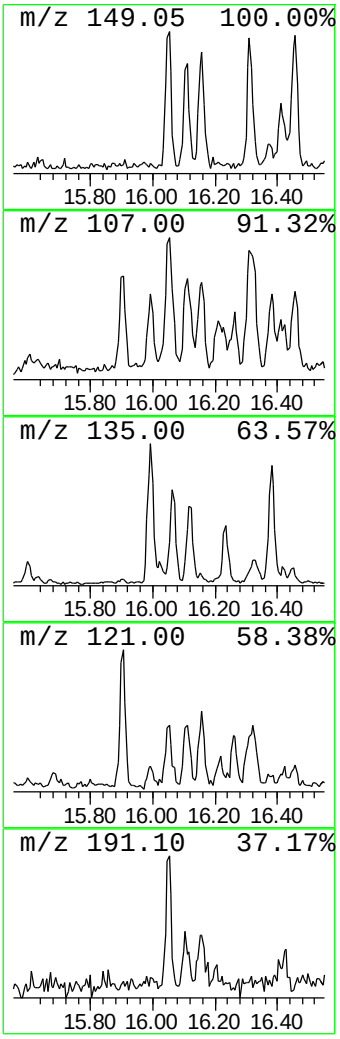
Peak Number 16 unknown-04 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	6.64 ng/ul	123610	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
3	1,2-Diphenylethylene diacetate	298	C18H18O4	003682-07-3	27
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	27
5	Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	27





Library Search Compound Report

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Acq On : 4 Aug 2015 20:40
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Sample : G3109-15
Misc :
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Instrument : BNA_G
ClientSampleId : C01W3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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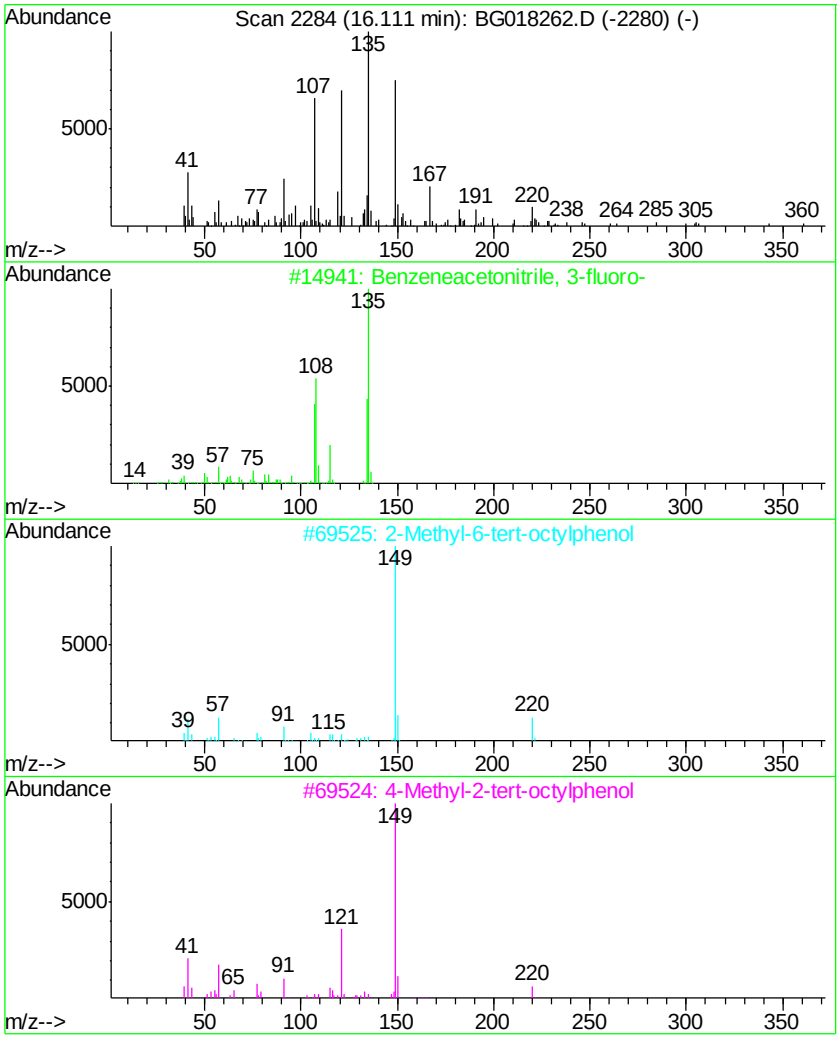
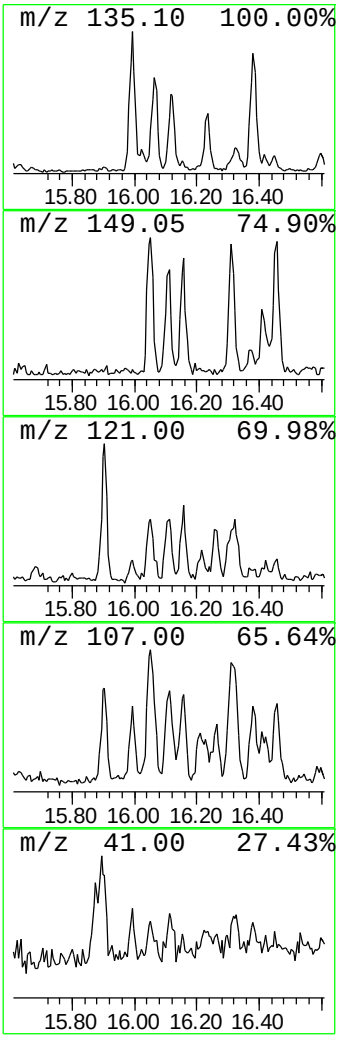
Peak Number 17 unknown-05 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	5.42 ng/ul	100960	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	35
2	2-Methyl-6-tert-octylphenol	220	C15H24O	019546-31-7	27
3	4-Methyl-2-tert-octylphenol	220	C15H24O	004979-46-8	27
4	4-Pyridinecarboxaldehyde, 3-hydr...	167	C8H9NO3	000066-72-8	27
5	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	27





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Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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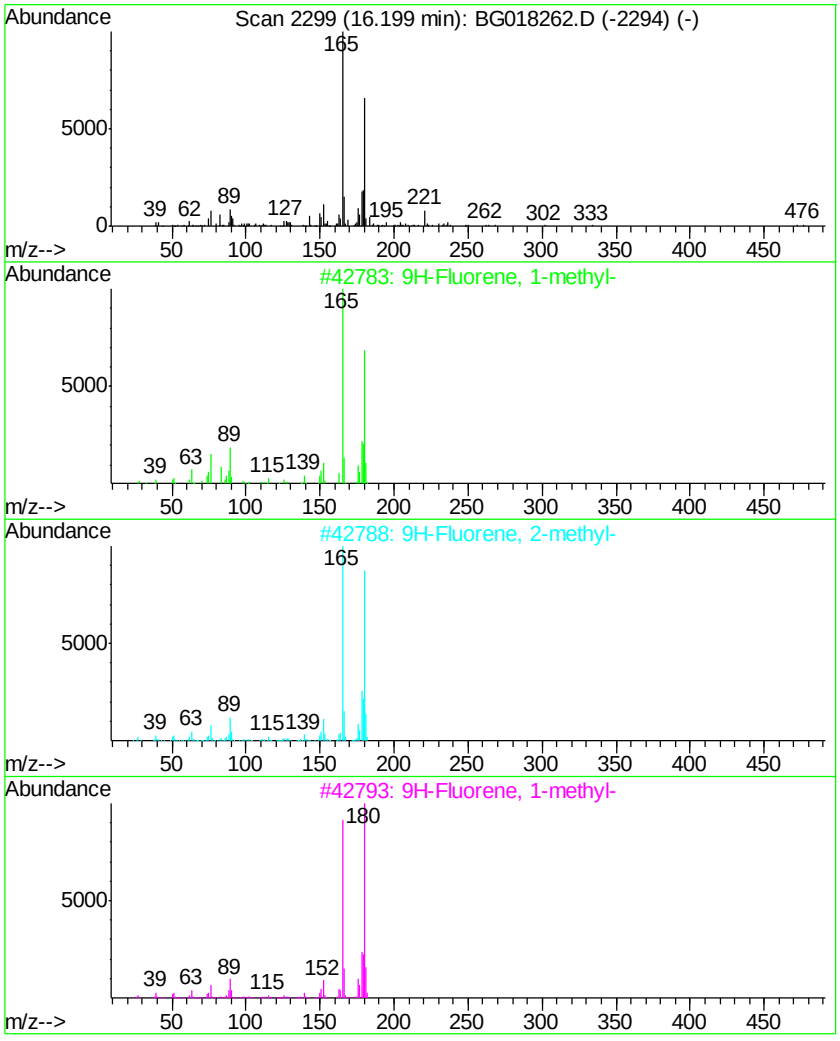
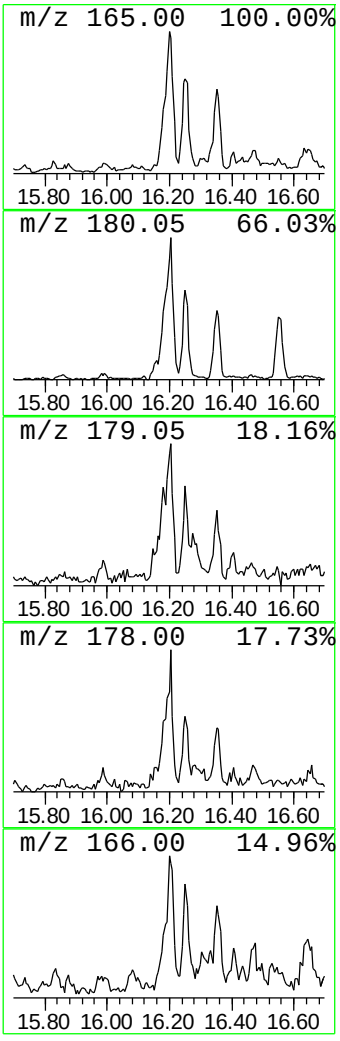
Peak Number 18 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	15.45 ng/ul	287652	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90





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Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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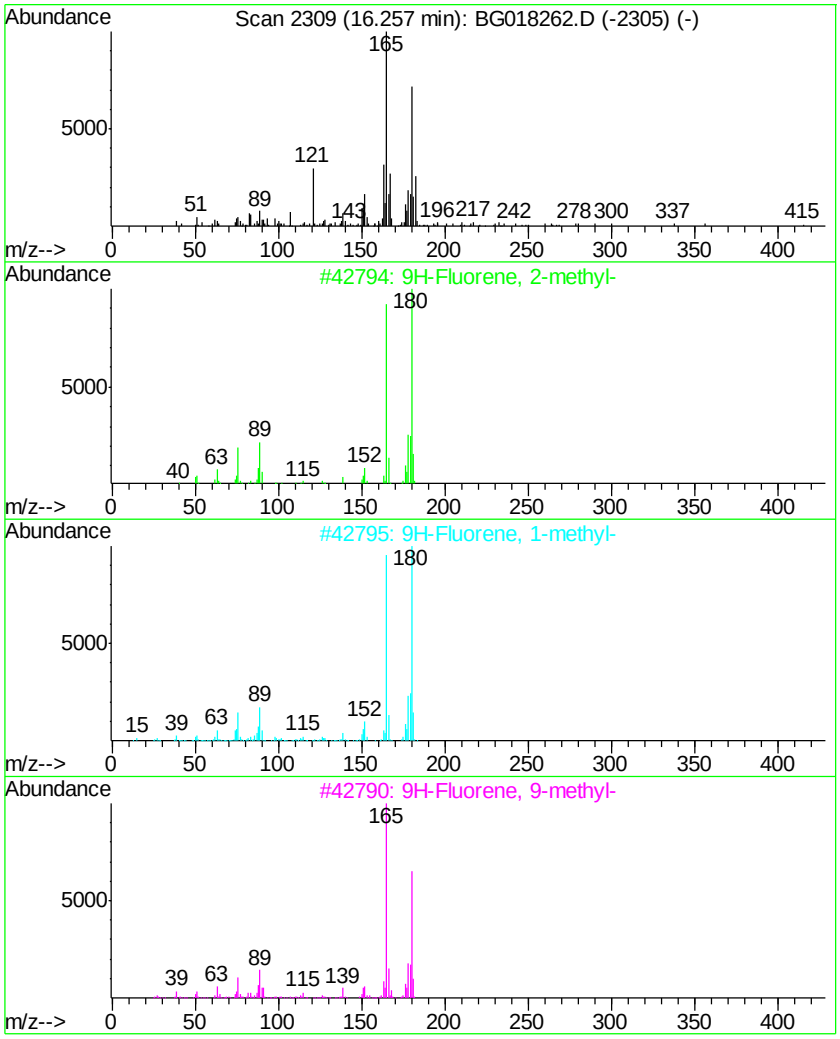
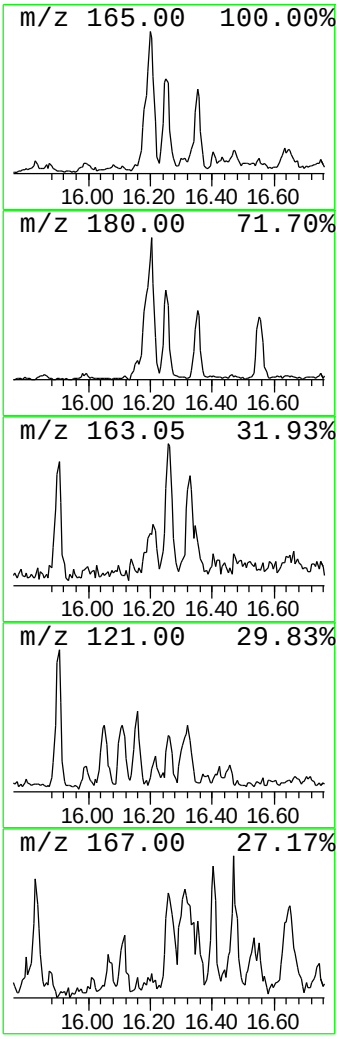
Peak Number 19 9H-Fluorene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	8.30 ng/ul	154451	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64





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Misc :
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Instrument : BNA_G
ClientSampleId : C01W3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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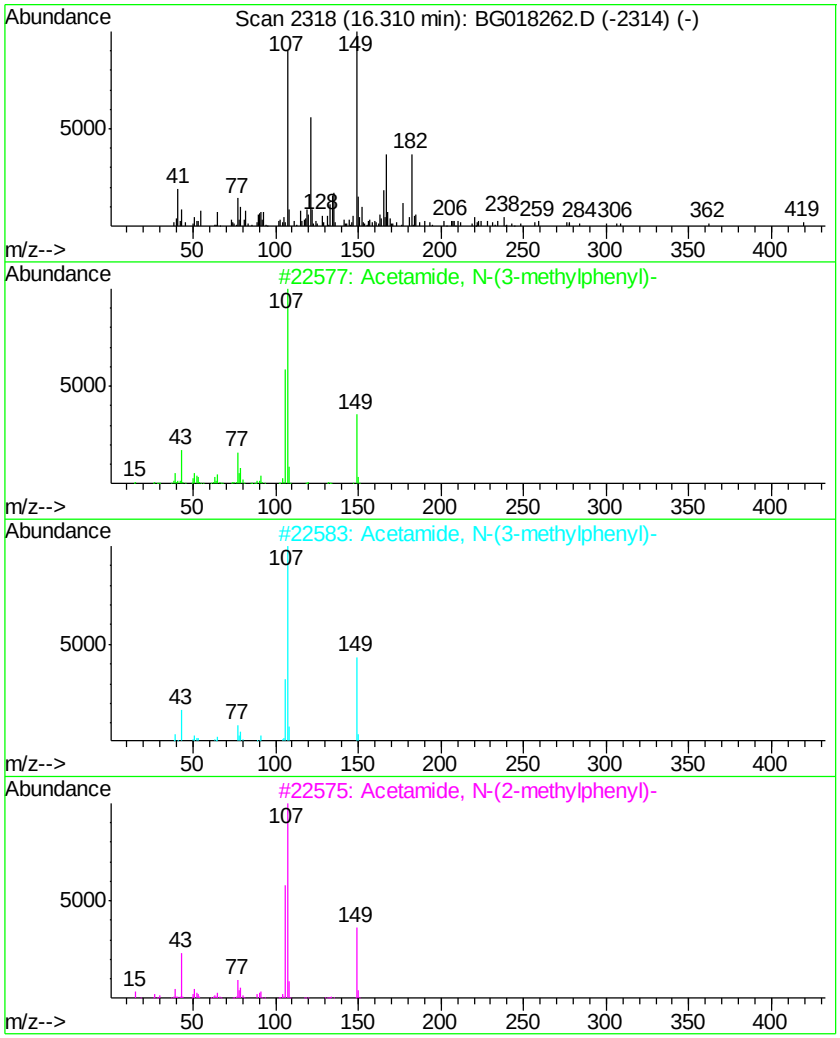
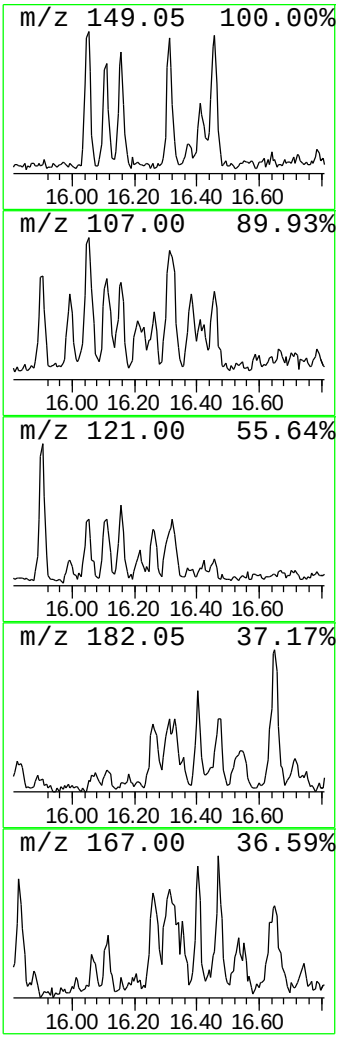
Peak Number 20 Acetamide, N-(3-methylphenyl)- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	5.07 ng/ul	94341	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	53
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
5	2-Oxazolidinone, 4-methyl-5-phen...	177	C10H11NO2	028044-22-6	30





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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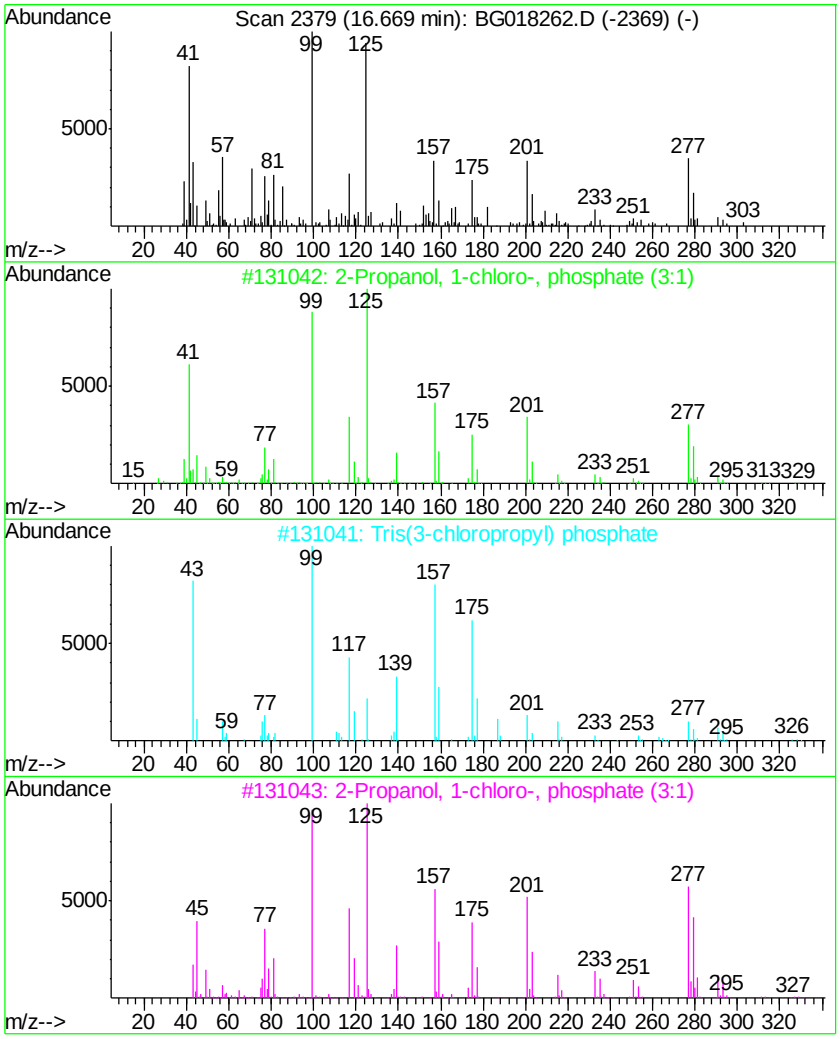
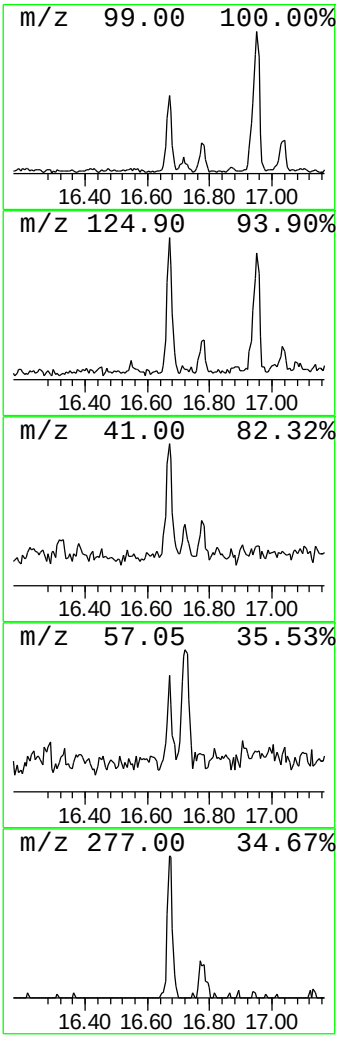
Peak Number 21 2-Propanol, 1-chloro-, phos... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	19.49 ng/ul	362707	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	93
2	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	37
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	22
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	22
5	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	12





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Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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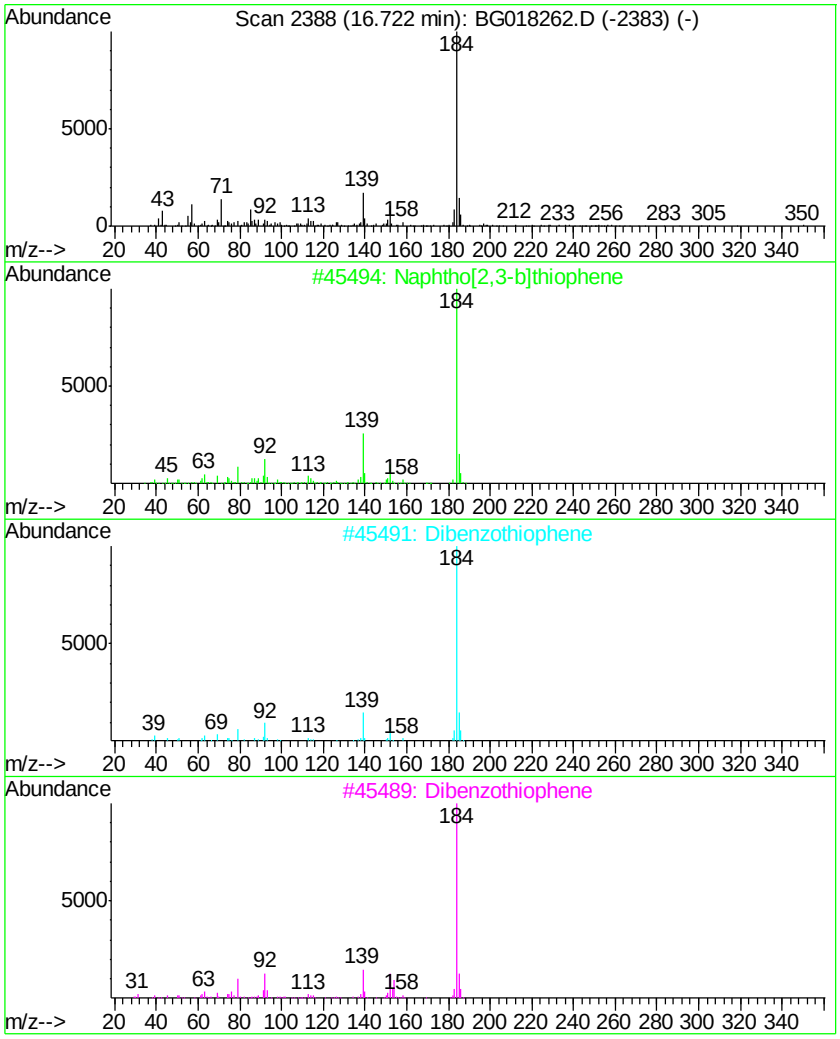
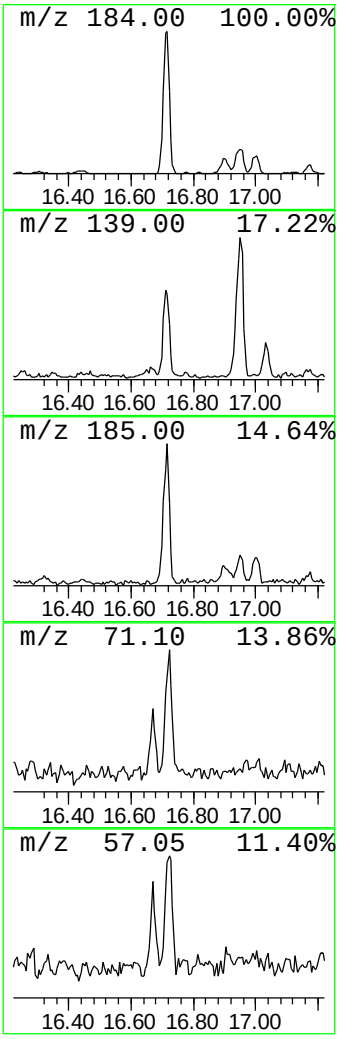
Peak Number 22 Naphtho[2,3-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	26.08 ng/ul	485488	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	90
4	Dibenzothiophene	184	C12H8S	000132-65-0	87
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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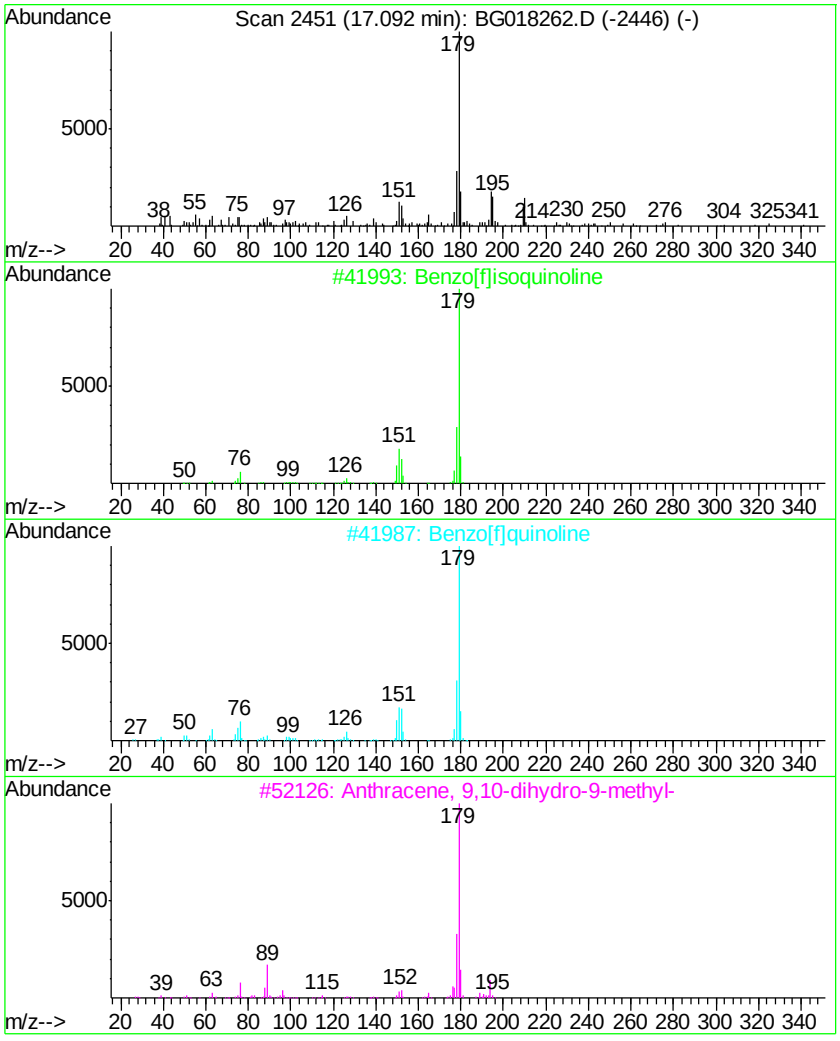
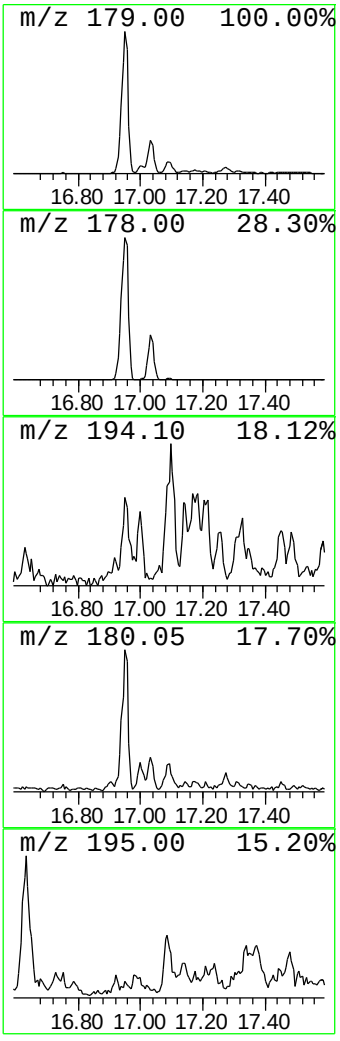
Peak Number 23 Benzo[f]isoquinoline Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	9.72 ng/ul	180961	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[f]isoquinoline	179	C13H9N	000229-67-4	60
2	Benzo[f]quinoline	179	C13H9N	000085-02-9	60
3	Anthracene, 9,10-dihydro-9-methyl-	194	C15H14	017239-99-5	58
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	53
5	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	49





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Instrument : BNA_G
ClientSampleId : C01W3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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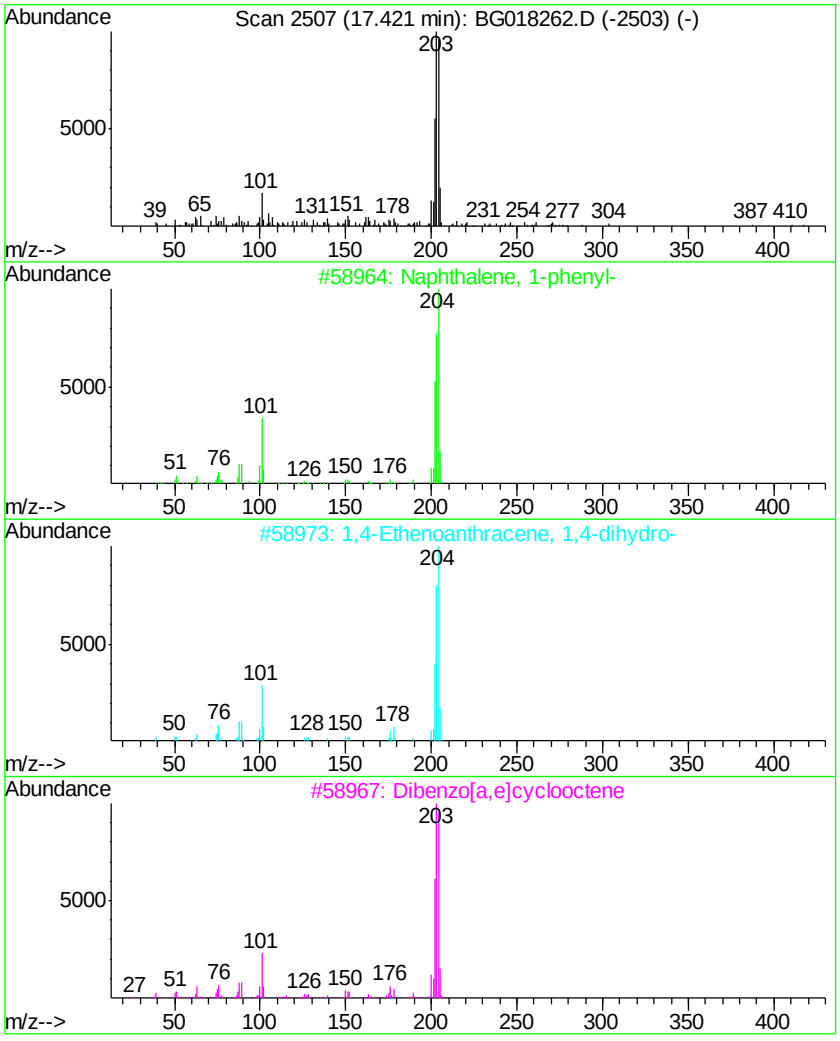
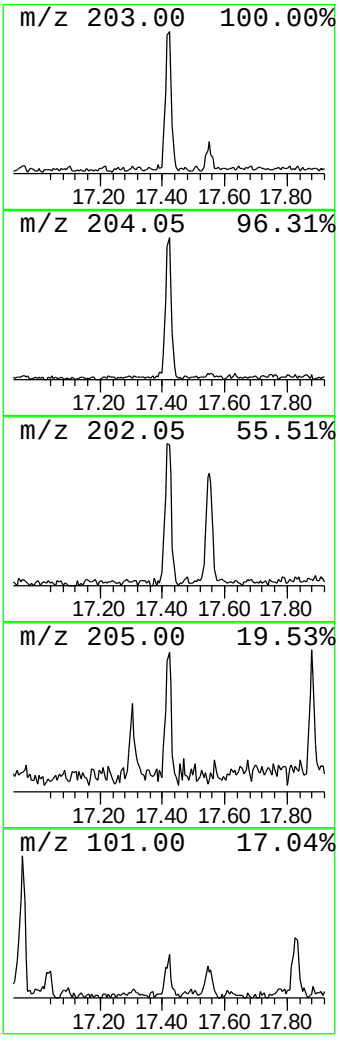
Peak Number 24 Naphthalene, 1-phenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	6.18 ng/ul	114975	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	76
2	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	74
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	68
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	64
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	62





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Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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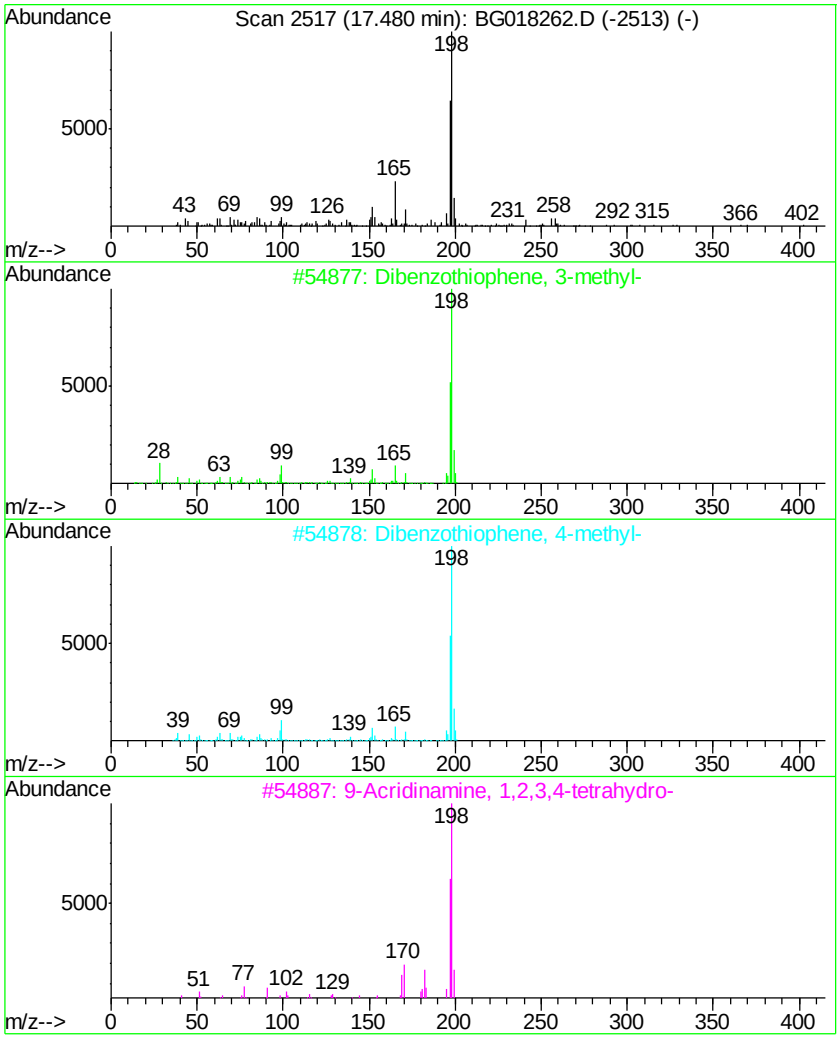
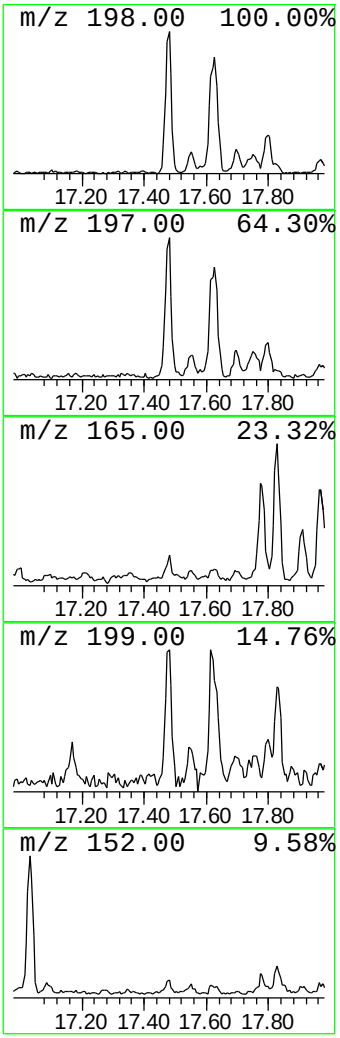
Peak Number 25 Dibenzothiophene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	12.22 ng/ul	227370	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	72
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	59
3	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	58
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	58
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	53





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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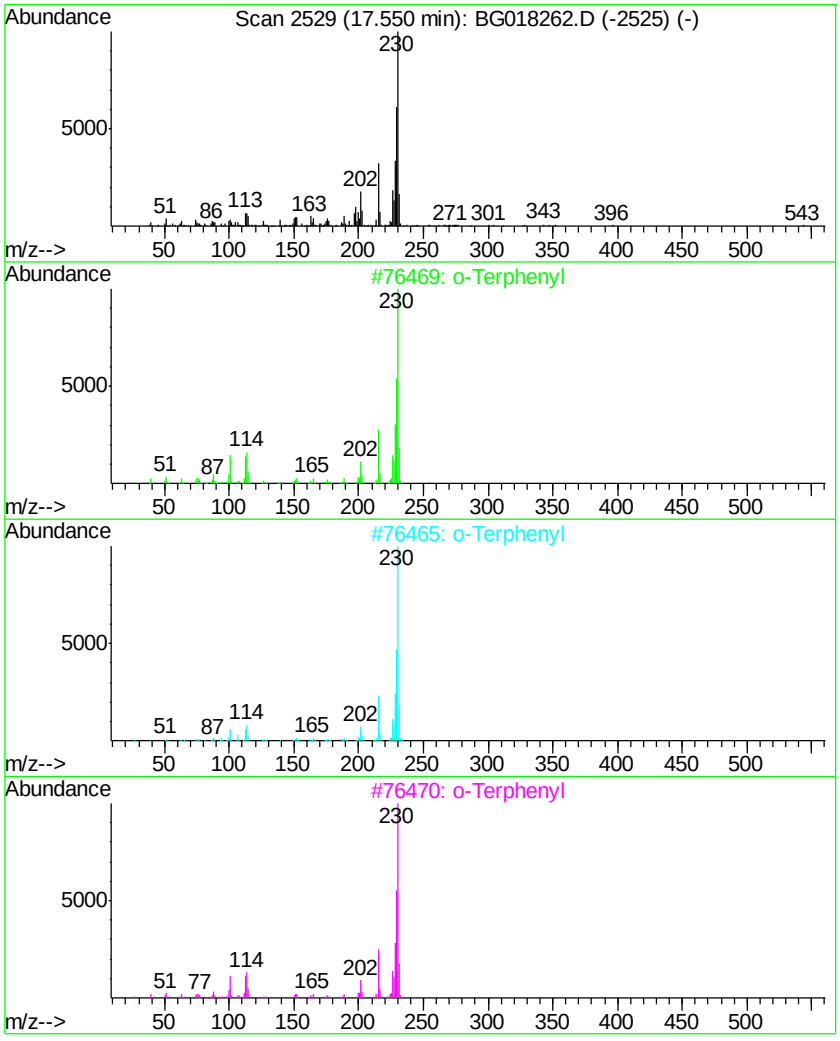
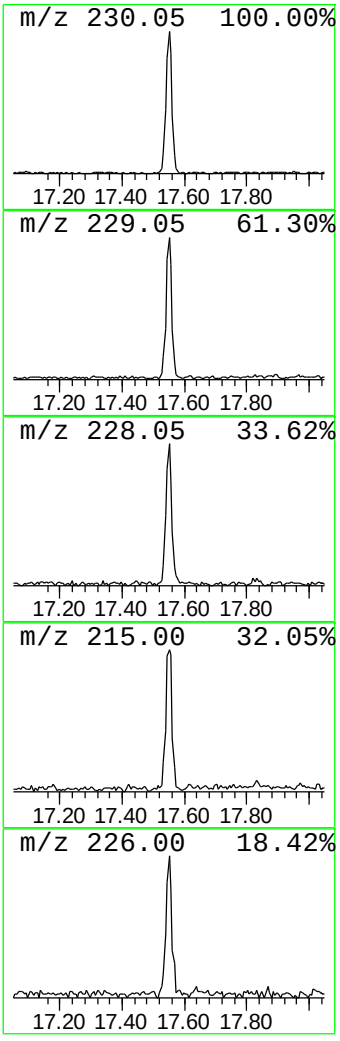
Peak Number 26 o-Terphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	17.06 ng/ul	317522	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	95
2	o-Terphenyl	230	C18H14	000084-15-1	95
3	o-Terphenyl	230	C18H14	000084-15-1	94
4	4-Benzhydrylidenebicyclo[3.2.0]h...	272	C20H16O	034130-48-8	78
5	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	78





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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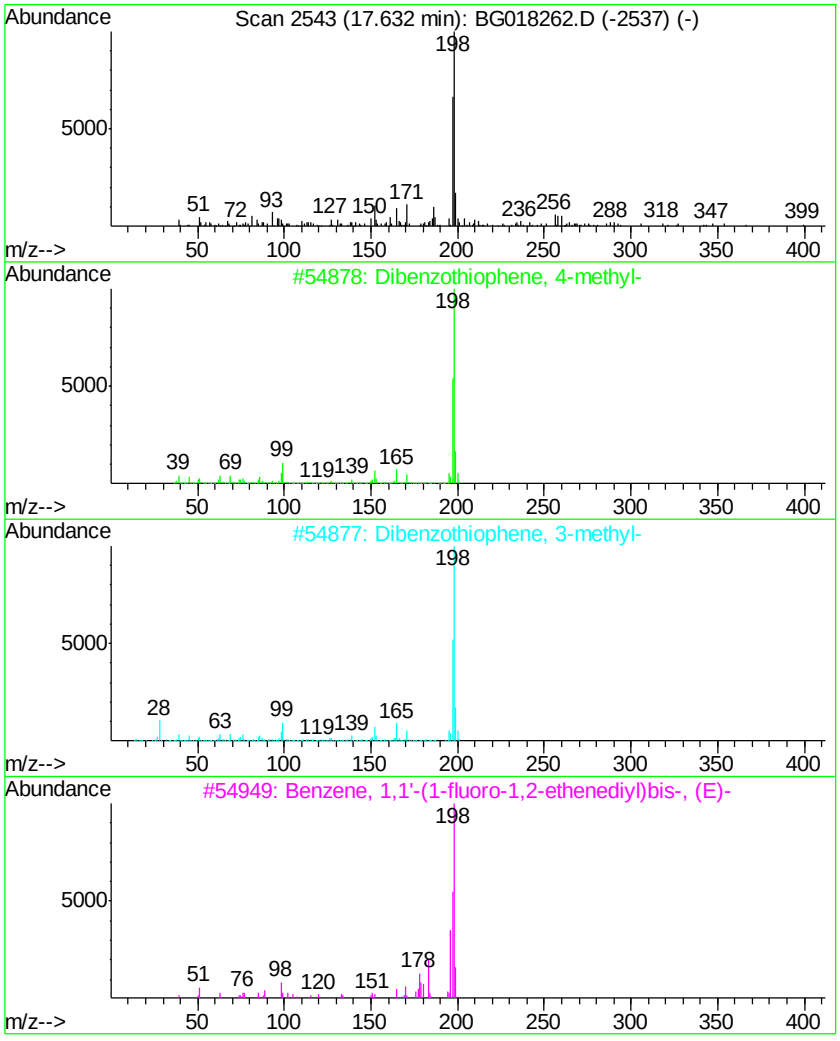
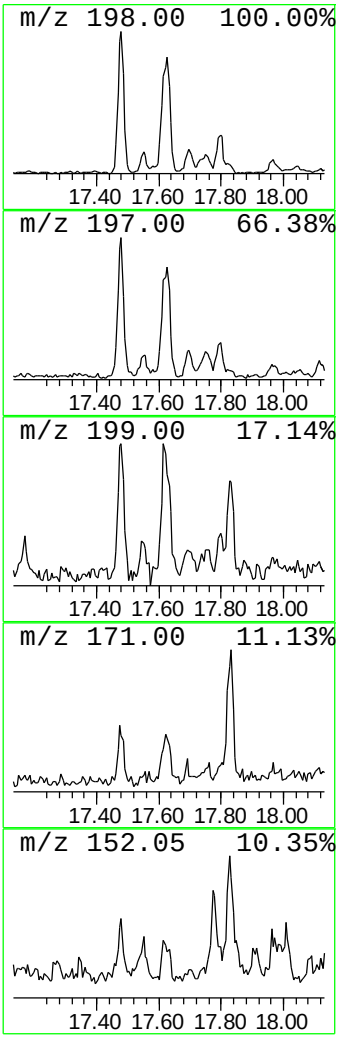
Peak Number 27 Dibenzothiophene, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	10.14 ng/ul	188758	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	80
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	74
3	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72
4	2,4-Diamino-5H-indeno[1,2-d]pyri...	198	C11H10N4	095140-64-0	64
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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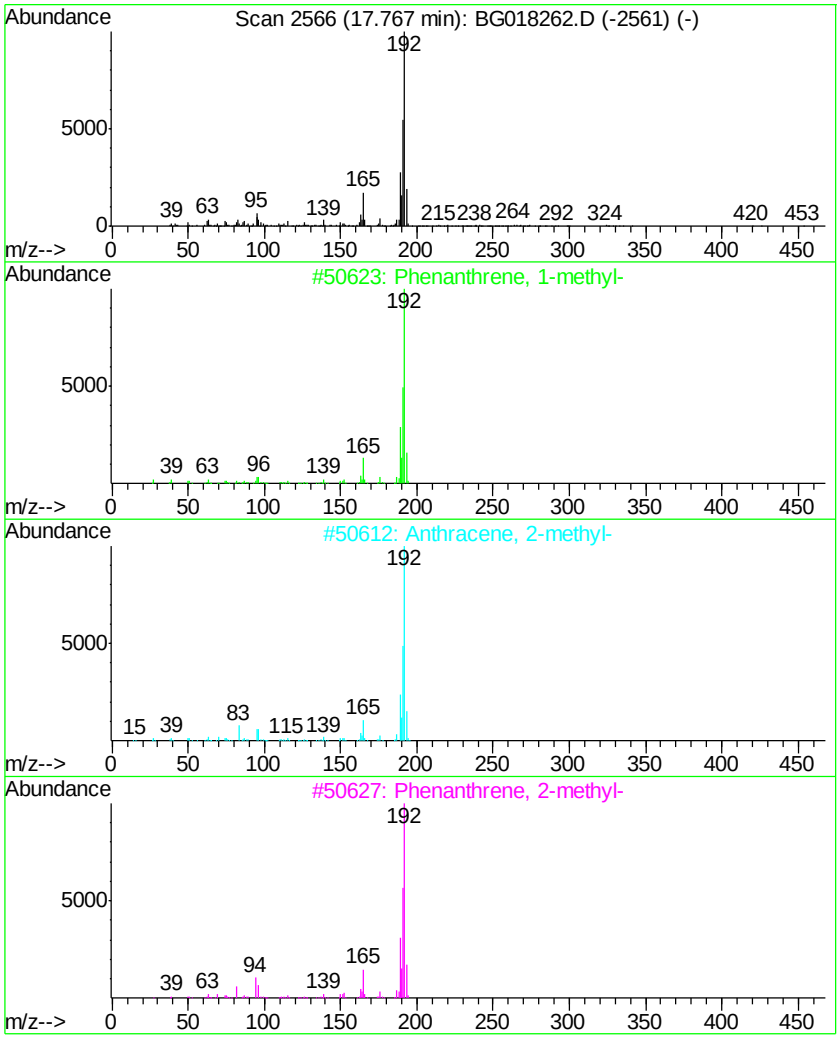
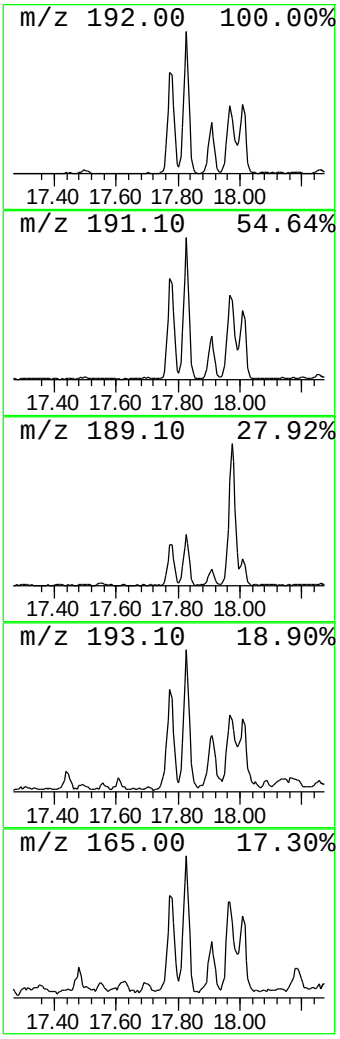
Peak Number 28 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	48.25 ng/ul	898019	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Instrument : BNA_G
ClientSampleId : C01W3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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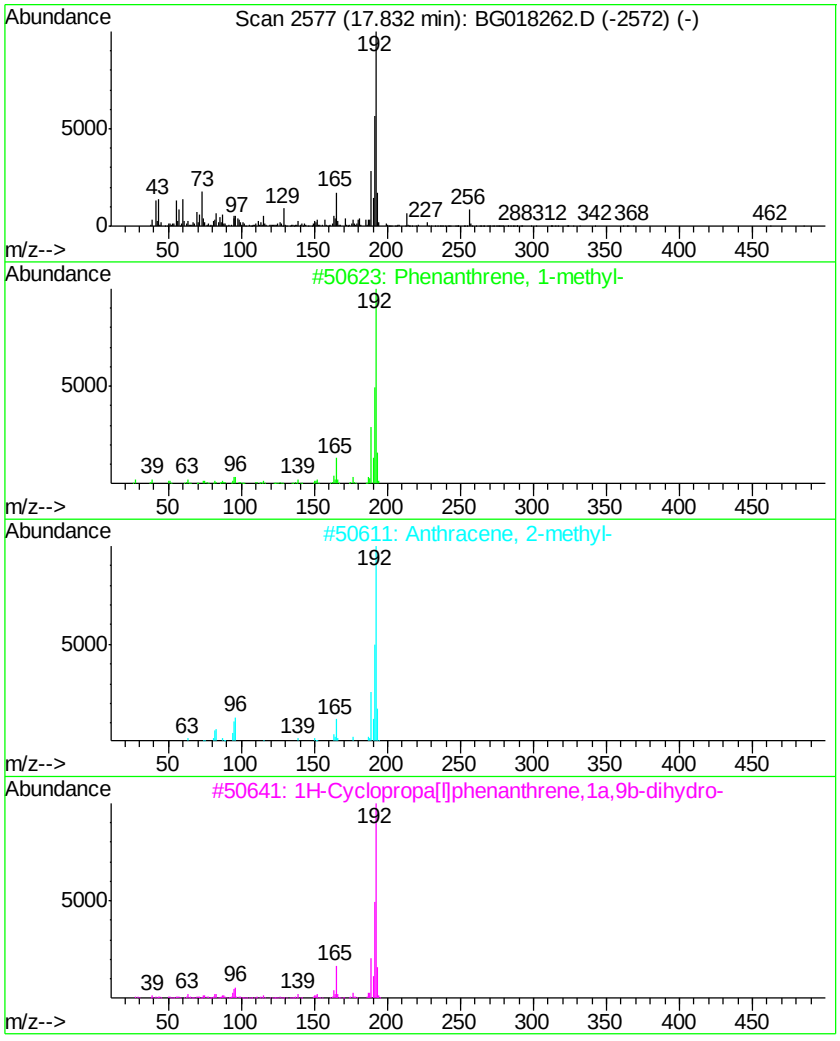
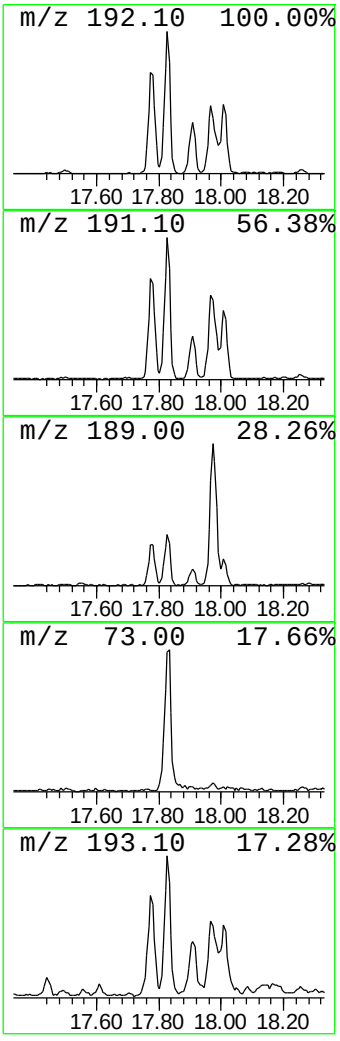
Peak Number 29 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	87.80 ng/ul	1634340	Phenanthrene-d10	16.90

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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

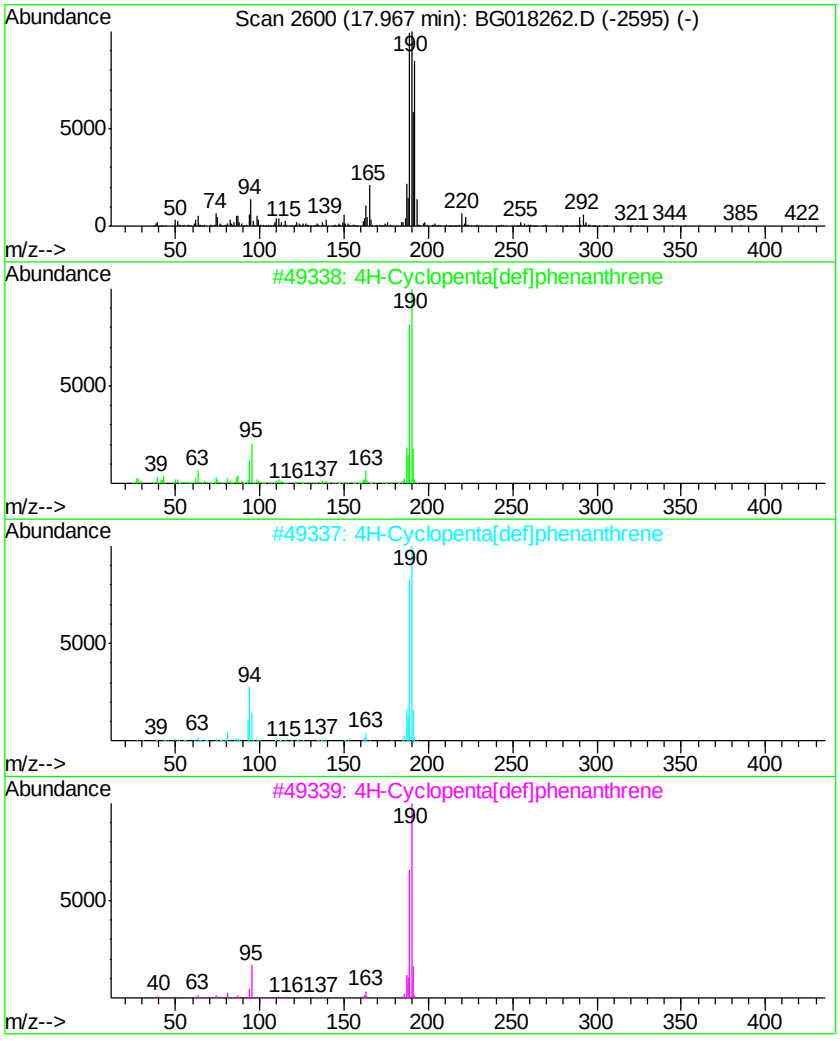
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

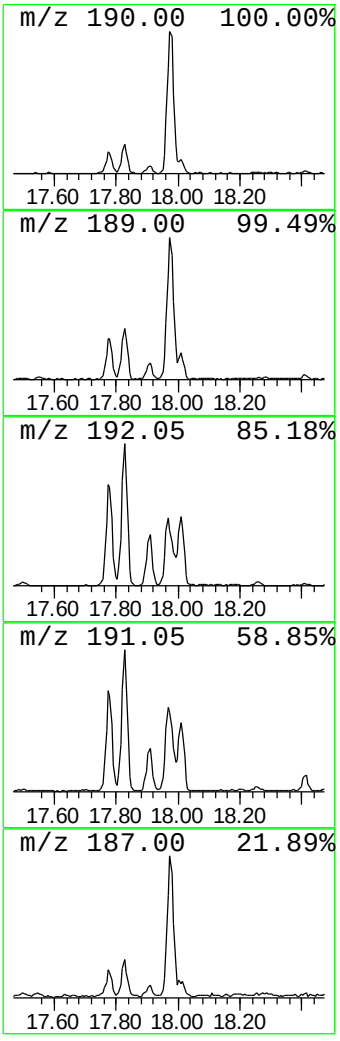
****

Peak Number 30 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	88.06 ng/ul	1639130	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	18
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

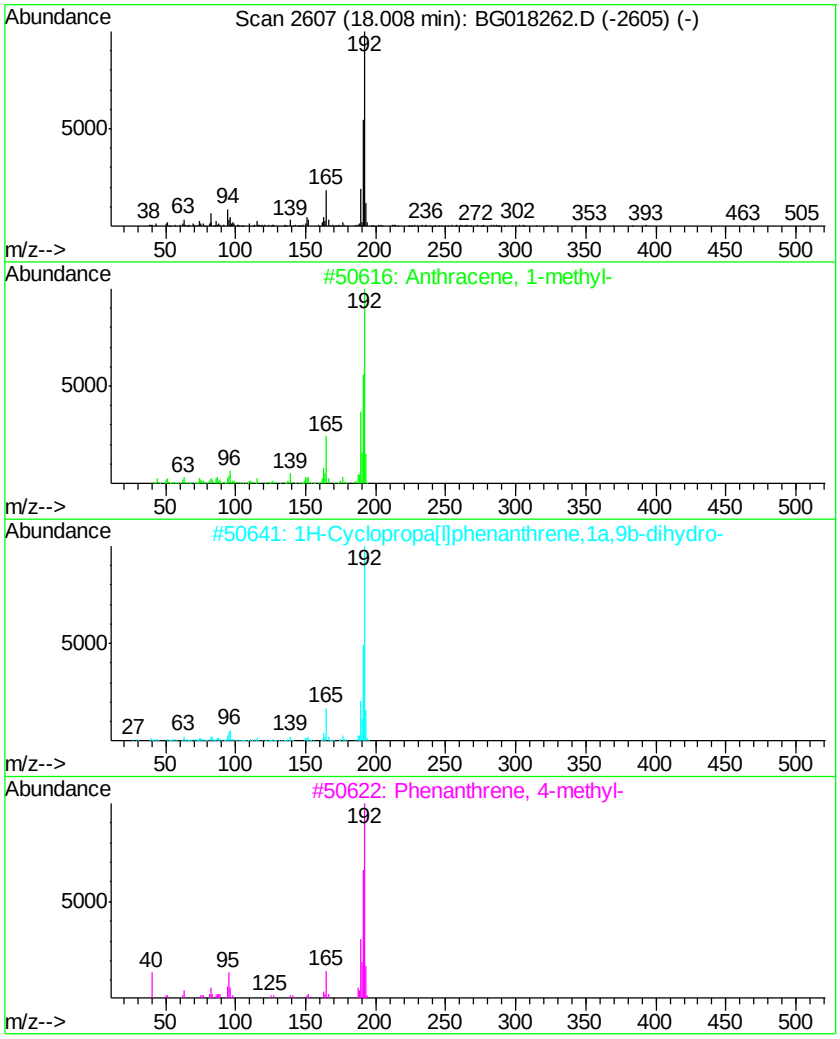
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

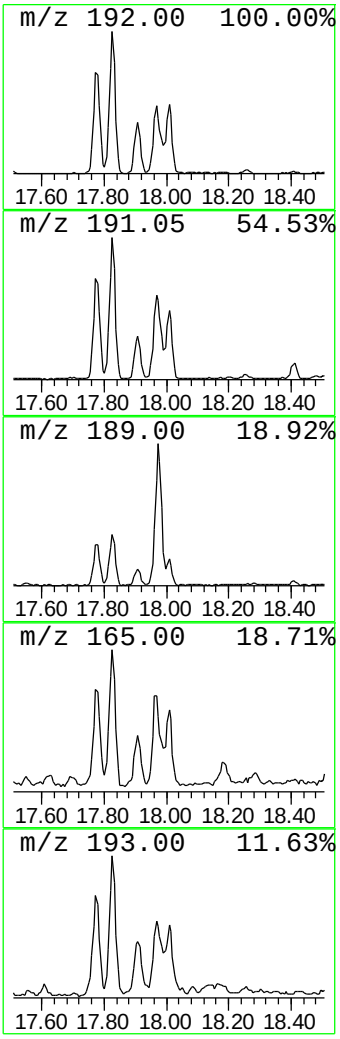
****

Peak Number 31 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	27.73 ng/ul	516235	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

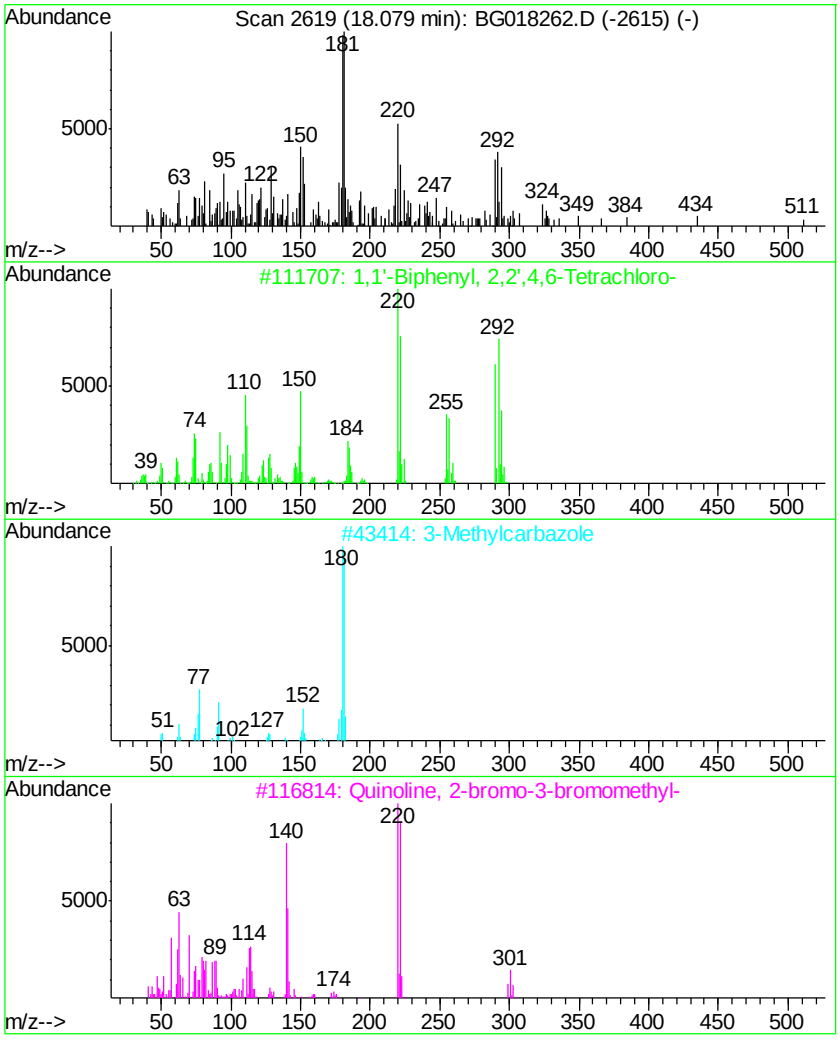
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

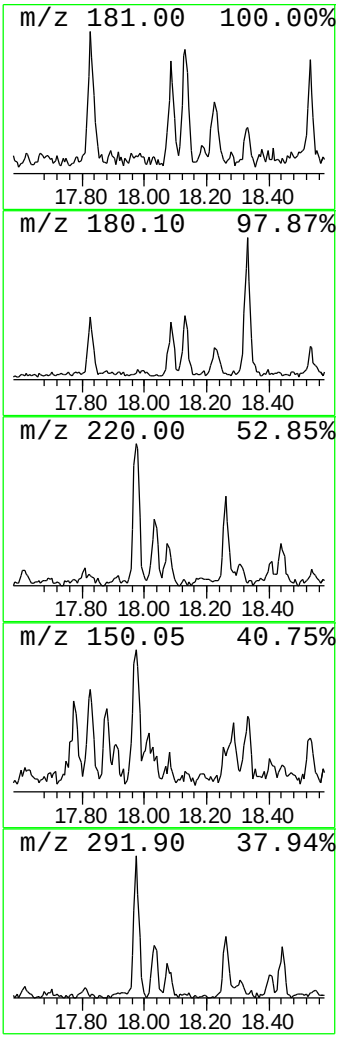
****

Peak Number 32 unknown-06 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	6.20 ng/ul	115375	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	49
2	3-Methylcarbazole	181	C13H11N	004630-20-0	41
3	Quinoline, 2-bromo-3-bromomethyl-	299	C10H7Br2N	035740-83-1	41
4	3-Methylcarbazole	181	C13H11N	004630-20-0	38
5	2-Fluorenamine	181	C13H11N	000153-78-6	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

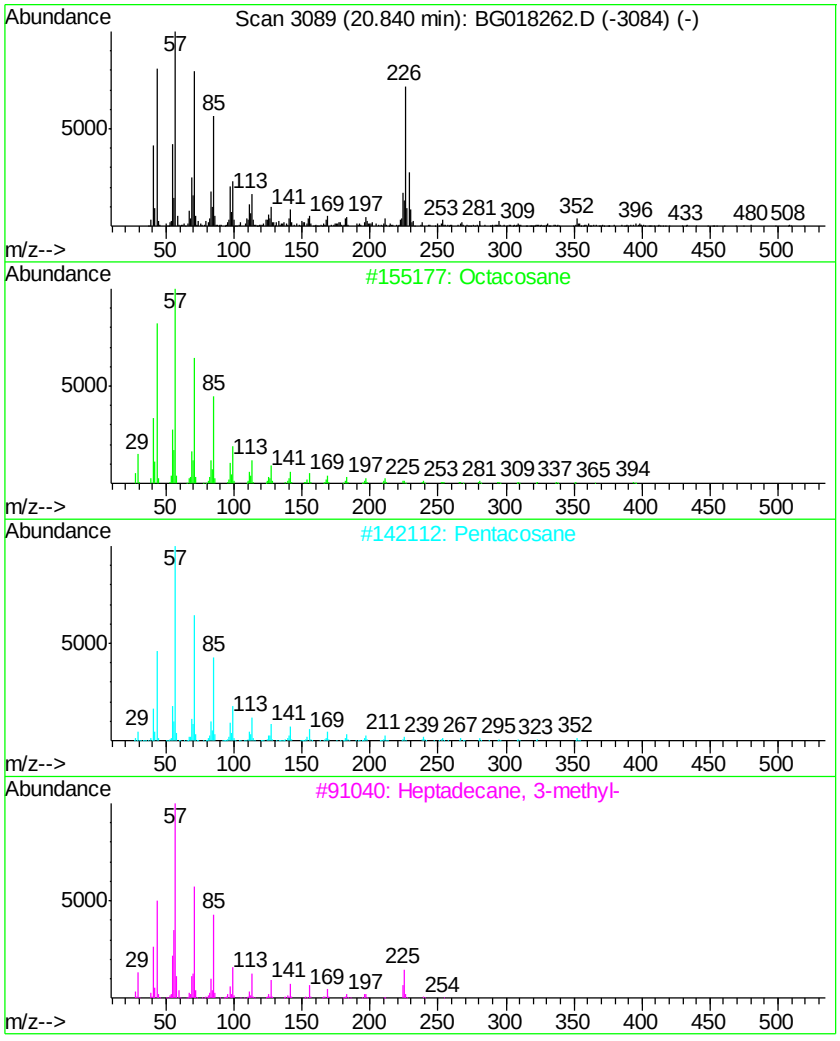
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

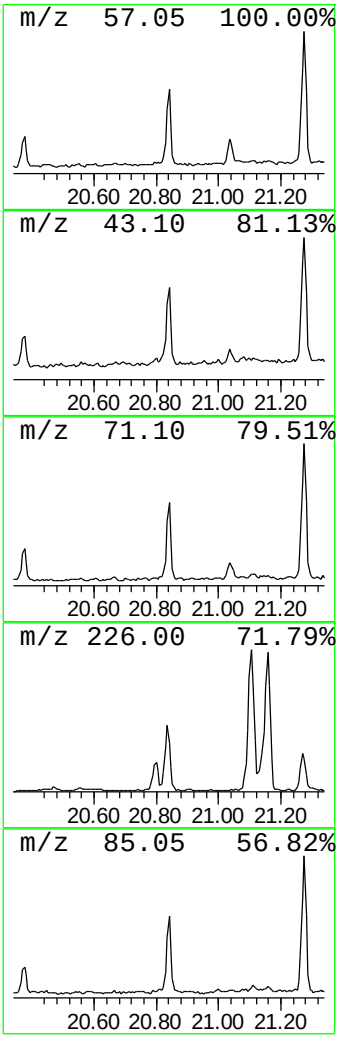
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	7.40 ng/ul	1106060	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	96
2	Pentacosane	352	C25H52	000629-99-2	78
3	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	78
4	Octacosane	394	C28H58	000630-02-4	70
5	Hexacosane	366	C26H54	000630-01-3	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

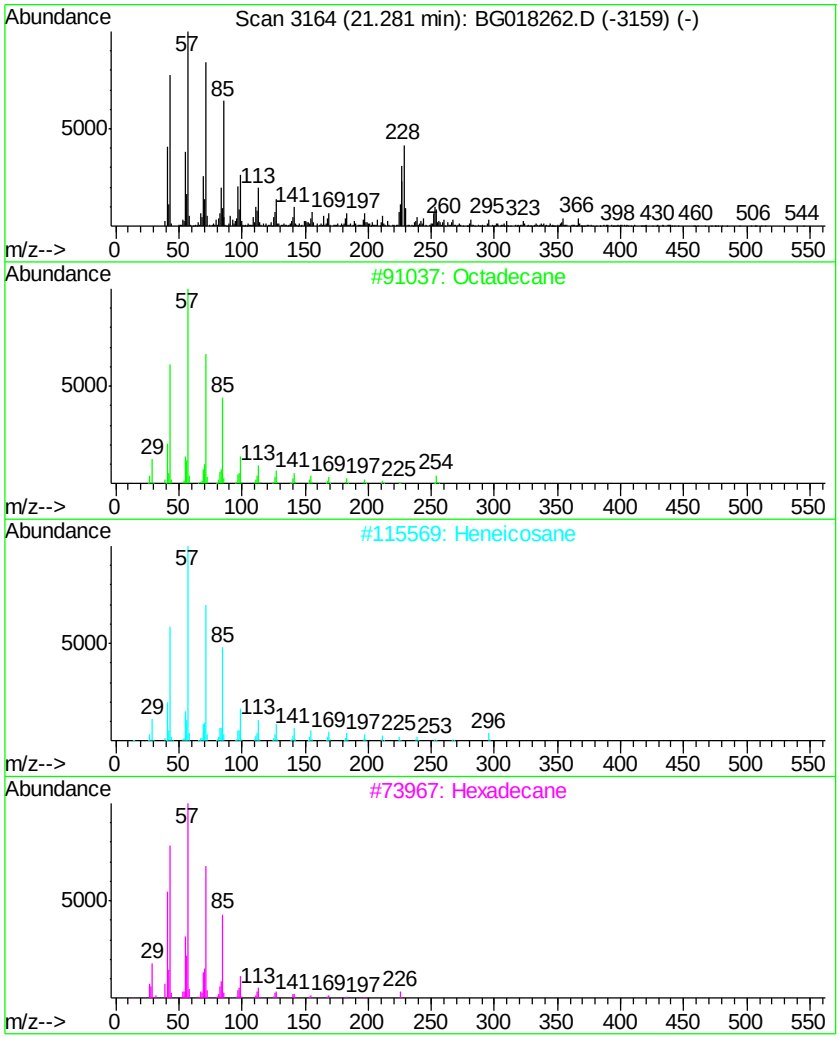
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

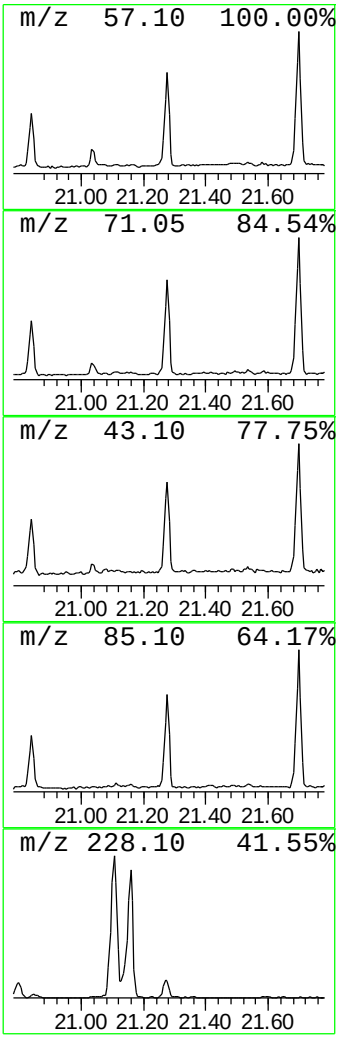
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	8.35 ng/ul	1248050	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heneicosane	296	C21H44	000629-94-7	95
3	Hexadecane	226	C16H34	000544-76-3	90
4	Hexacosane	366	C26H54	000630-01-3	89
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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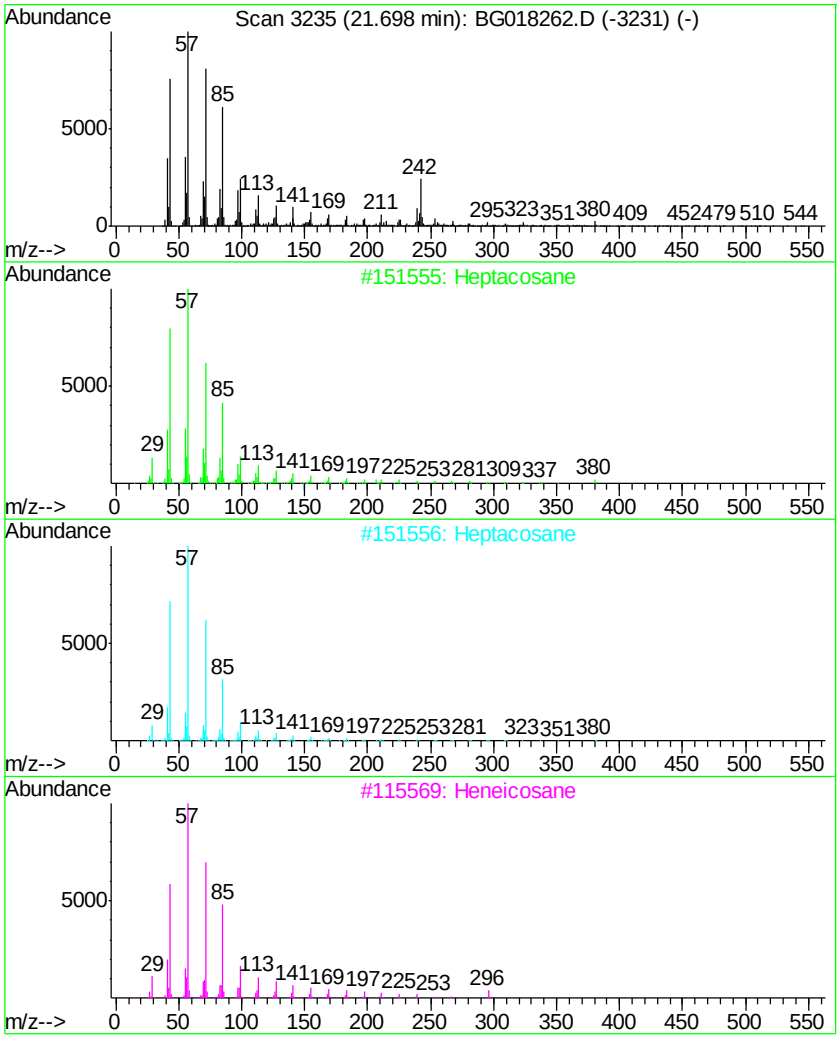
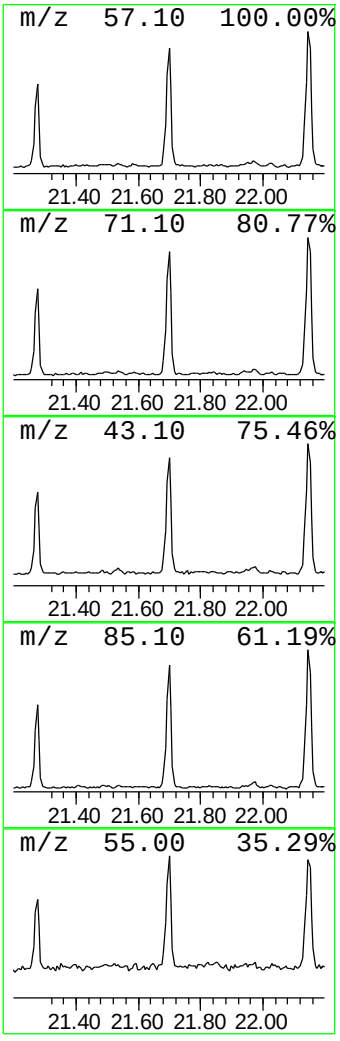
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	12.31 ng/ul	1839040	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Heptacosane	380	C27H56	000593-49-7	98
3	Heneicosane	296	C21H44	000629-94-7	96
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	94
5	Heptadecane	240	C17H36	000629-78-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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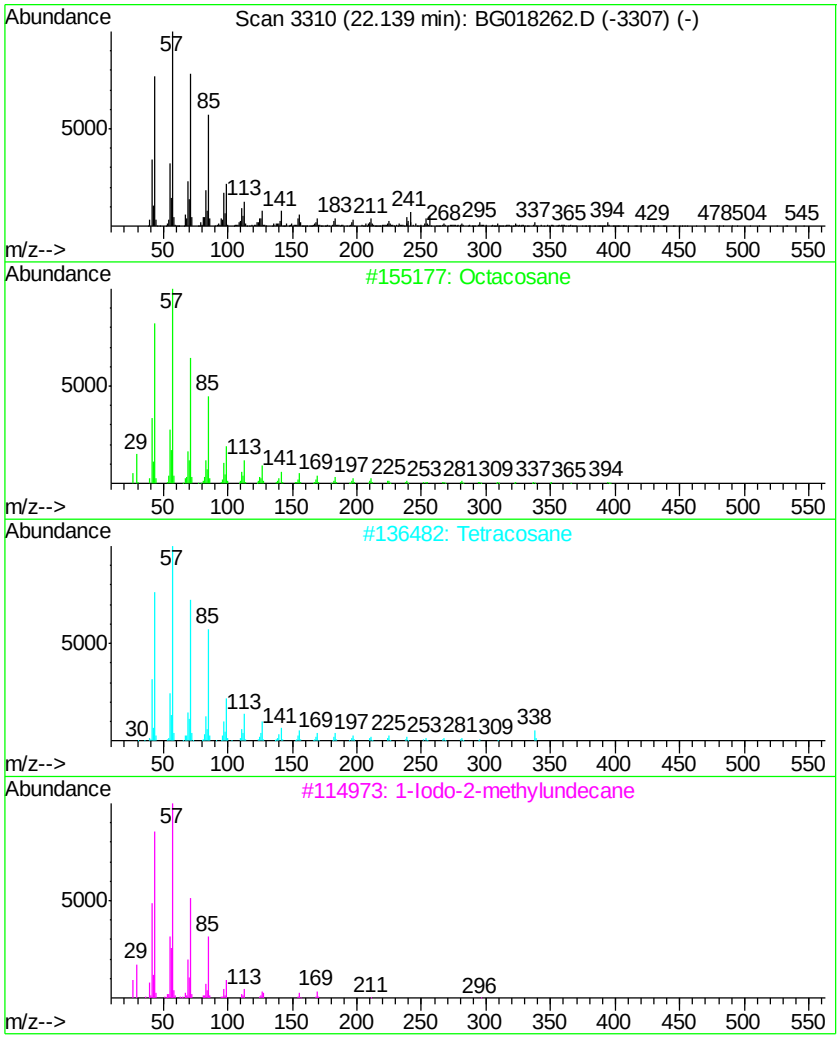
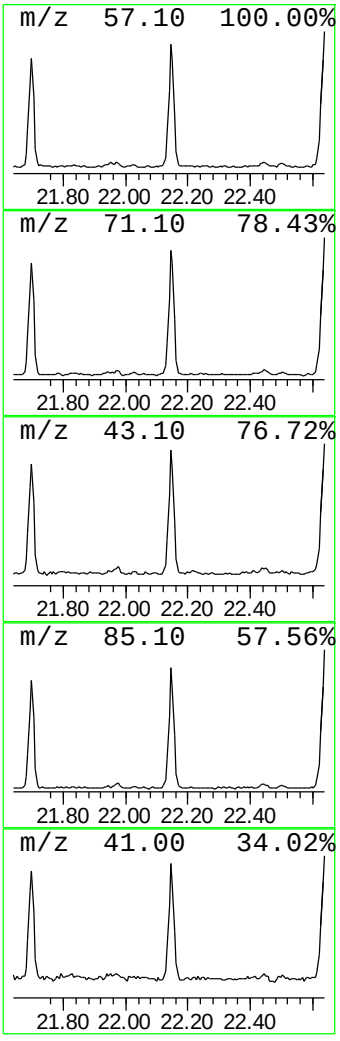
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	13.29 ng/ul	1985890	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Tetracosane	338	C24H50	000646-31-1	95
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

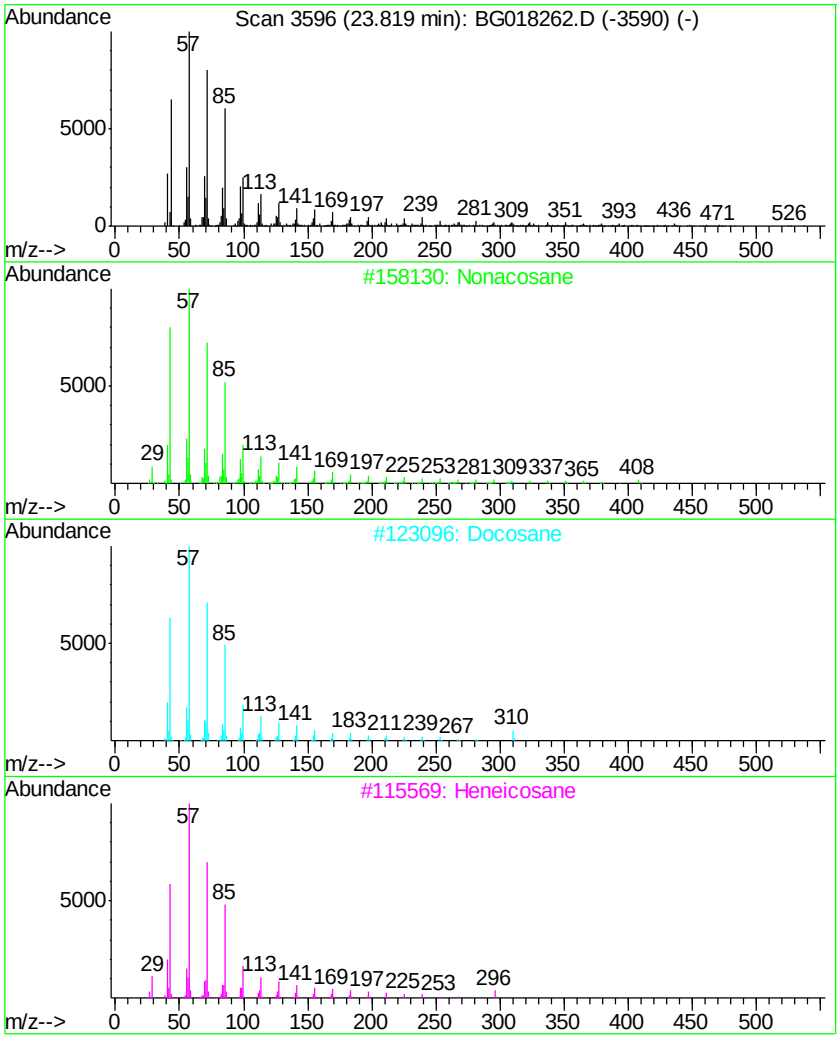
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

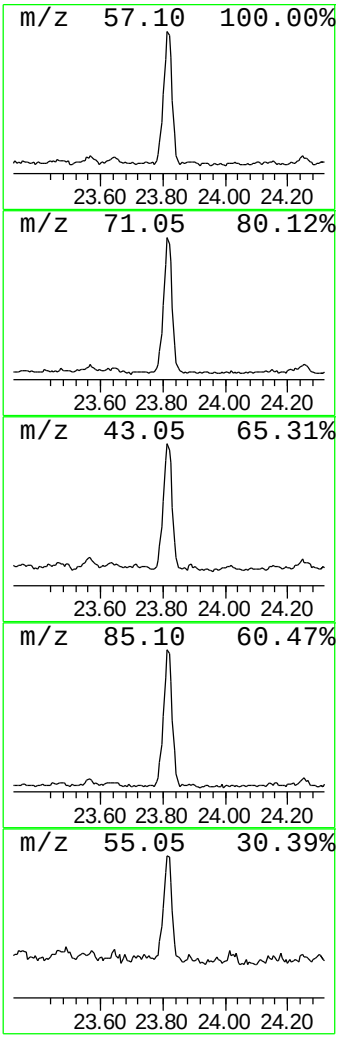
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	10.18 ng/ul	1993190	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	98
2	Docosane	310	C22H46	000629-97-0	97
3	Heneicosane	296	C21H44	000629-94-7	97
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
5	Heptacosane	380	C27H56	000593-49-7	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

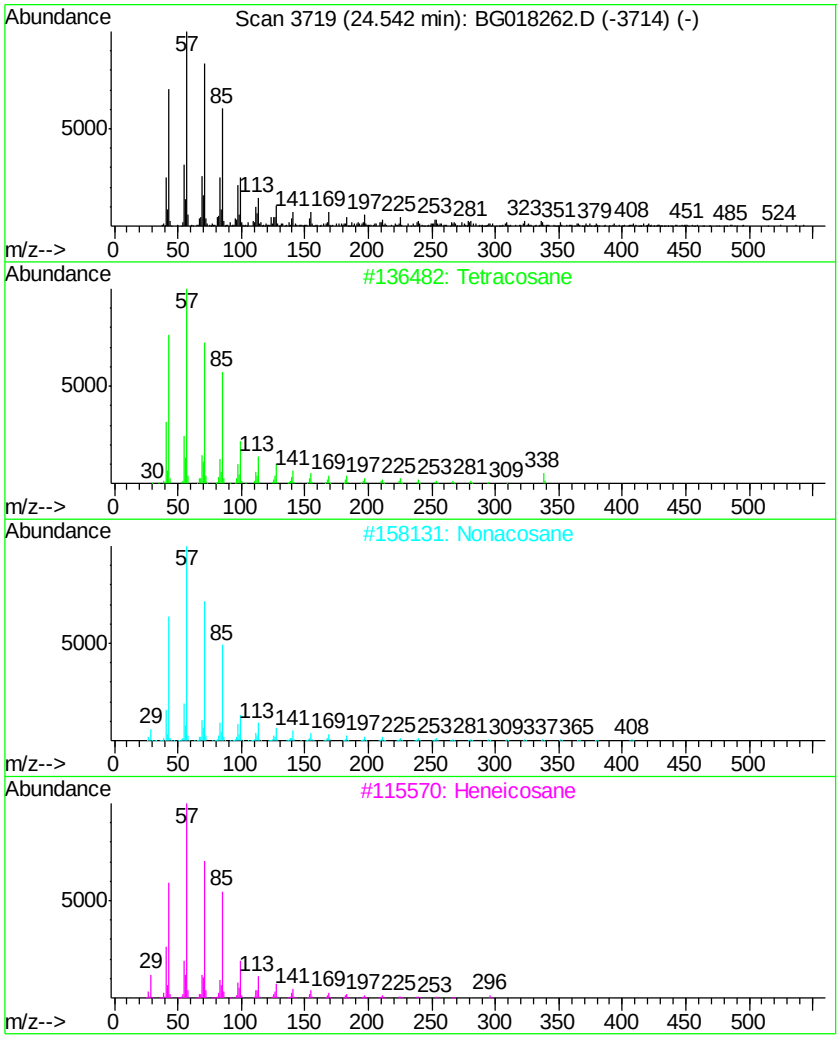
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

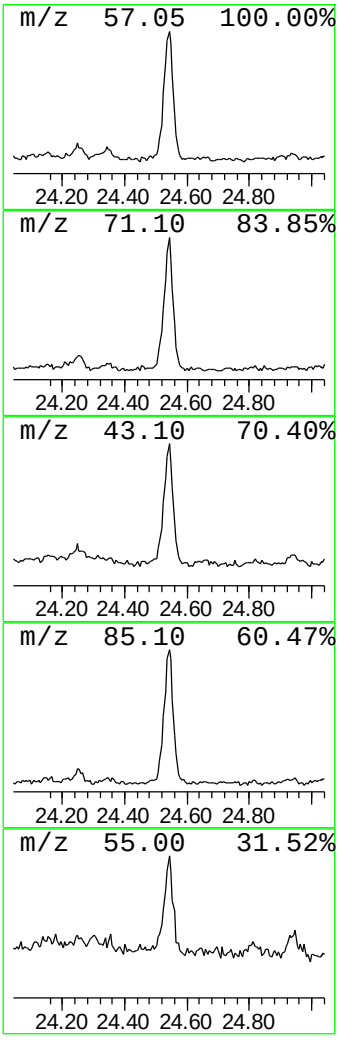
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.54	6.66 ng/ul	1304950	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Nonacosane	408	C29H60	000630-03-5	96
3	Heneicosane	296	C21H44	000629-94-7	96
4	Octadecane	254	C18H38	000593-45-3	94
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,2-...	13.16	3.6	ng/ul	97106	3	14.14	536427	20.0
Naphthalene, 2,7-...	13.29	3.1	ng/ul	81983	3	14.14	536427	20.0
Naphthalene, 1,3-...	13.45	7.2	ng/ul	193962	3	14.14	536427	20.0
Benzene, [1-(2,4-...	14.45	5.5	ng/ul	146488	3	14.14	536427	20.0
Naphthalene, 1,4,...	14.76	4.0	ng/ul	108137	3	14.14	536427	20.0
unknown-01	14.93	3.5	ng/ul	94949	3	14.14	536427	20.0
2-Propanone, 1,1-...	15.36	7.3	ng/ul	195946	3	14.14	536427	20.0
unknown-02	15.41	4.6	ng/ul	123439	3	14.14	536427	20.0
Dibenzofuran, 4-m...	15.49	11.0	ng/ul	295869	3	14.14	536427	20.0
2,4,6-Cycloheptat...	15.63	13.9	ng/ul	259623	4	16.90	372267	20.0
[1,1'-Biphenyl]-4...	15.73	6.0	ng/ul	111994	4	16.90	372267	20.0
(DEL) Alkane: Str...	15.88	5.6	ng/ul	104873	4	16.90	372267	20.0
unknown-03	15.90	9.5	ng/ul	176014	4	16.90	372267	20.0
Benzeneacetonitri...	15.99	8.5	ng/ul	158827	4	16.90	372267	20.0
unknown-04	16.05	6.6	ng/ul	123610	4	16.90	372267	20.0
unknown-05	16.11	5.4	ng/ul	100960	4	16.90	372267	20.0
9H-Fluorene, 1-me...	16.20	15.4	ng/ul	287652	4	16.90	372267	20.0
9H-Fluorene, 2-me...	16.26	8.3	ng/ul	154451	4	16.90	372267	20.0
Acetamide, N-(3-m...	16.31	5.1	ng/ul	94341	4	16.90	372267	20.0
2-Propanol, 1-chl...	16.67	19.5	ng/ul	362707	4	16.90	372267	20.0
Naphtho[2,3-b]thi...	16.72	26.1	ng/ul	485488	4	16.90	372267	20.0
Benzo[f]isoquinoline	17.09	9.7	ng/ul	180961	4	16.90	372267	20.0
Naphthalene, 1-ph...	17.42	6.2	ng/ul	114975	4	16.90	372267	20.0
Dibenzothiophene,...	17.48	12.2	ng/ul	227370	4	16.90	372267	20.0
o-Terphenyl	17.55	17.1	ng/ul	317522	4	16.90	372267	20.0
Dibenzothiophene,...	17.63	10.1	ng/ul	188758	4	16.90	372267	20.0
Phenanthrene, 1-m...	17.77	48.3	ng/ul	898019	4	16.90	372267	20.0
Anthracene, 2-met...	17.83	87.8	ng/ul	1634340	4	16.90	372267	20.0
4H-Cyclopenta[def...	17.97	88.1	ng/ul	1639130	4	16.90	372267	20.0
Anthracene, 1-met...	18.01	27.7	ng/ul	516235	4	16.90	372267	20.0
unknown-06	18.08	6.2	ng/ul	115375	4	16.90	372267	20.0
(DEL) Alkane: Str...	20.84	7.4	ng/ul	1106060	5	21.12	2988730	20.0
(DEL) Alkane: Str...	21.28	8.3	ng/ul	1248050	5	21.12	2988730	20.0
(DEL) Alkane: Str...	21.70	12.3	ng/ul	1839040	5	21.12	2988730	20.0
(DEL) Alkane: Str...	22.14	13.3	ng/ul	1985890	5	21.12	2988730	20.0
(DEL) Alkane: Str...	23.82	10.2	ng/ul	1993190	6	23.30	3917250	20.0
(DEL) Alkane: Str...	24.54	6.7	ng/ul	1304950	6	23.30	3917250	20.0