LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018290.D
Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

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-BG080515.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.427	122	126	130	rVB3	9458	11025	0.54%	0.040%
2	4.573	316	321	324	rVB4	7879	12589	0.61%	0.045%
3	5.078	404	407	416	rVB4	12081	22672	1.11%	0.082%
4	5.454	463	471	476	rVB4	15631	28809	1.41%	0.104%
5	6.524	649	653	658	rVB6	11637	17234	0.84%	0.062%
6	6.583	658	663	668	rBV4	7171	12540	0.61%	0.045%
7	6.653	668	675	683	rVB2	115550	194843	9.51%	0.701%
8	6.782	689	697	702	rBV	76446	118095	5.76%	0.425%
9	6.976	724	730	740	rVB	122664	196839	9.61%	0.708%
10	7.082	740	748	753	rBV3	18630	35000	1.71%	0.126%
11	7.435	801	808	815	rBV	209709	323376	15.78%	1.163%
12	7.546	822	827	833	rVB4	8640	15101	0.74%	0.054%
13	8.075	911	917	926	rBV2	12277	25857	1.26%	0.093%
14	8.181	929	935	941	rVV	112206	181347	8.85%	0.652%
15	8.263	944	949	954	rVB5	9818	19361	0.94%	0.070%
16	8.533	992	995	999	rVV4	11214	13954	0.68%	0.050%
17	8.598	999	1006	1012	rVV	123377	197438	9.63%	0.710%
18	8.668	1013	1018	1024	rVV5	8069	13649	0.67%	0.049%
19	9.121	1091	1095	1100	rVV4	6748	13509	0.66%	0.049%
20	9.315	1122	1128	1134	rBV	124288	198737	9.70%	0.715%
21	9.867	1216	1222	1229	rVV2	171867	275827	13.46%	0.992%
22	10.220	1275	1282	1288	rBV	289625	482083	23.52%	1.734%
23	10.272	1288	1291	1296	rVB2	32290	47026	2.29%	0.169%
24	10.378	1304	1309	1317	rVB3	19160	40935	2.00%	0.147%
25	11.154	1434	1441	1445	rBV5	9406	19970	0.97%	0.072%
26	11.900	1563	1568	1575	rVB2	30621	53900	2.63%	0.194%
27	12.129	1601	1607	1612	rBV	25023	42066	2.05%	0.151%
28	12.458	1656	1663	1665	rVB6	6182	10998	0.54%	0.040%
29	12.646	1691	1695	1700	rVV4	13156	18478	0.90%	0.066%
30	12.881	1730	1735	1737	rVV4	9846	17146	0.84%	0.062%
31	12.946	1742	1746	1754	rVB7	29587	48924	2.39%	0.176%
32	13.145	1775	1780	1782	rBV4	11774	17439	0.85%	0.063%
33	13.439	1824	1830	1835	rBV3	32191	61339	2.99%	0.221%
34	13.492	1835	1839	1841	rVV4	17740	26544	1.30%	0.095%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018290.D
Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

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-BG080515.M
Title : SVOA CALIBRATION

35	13.539	1841	1847	1851	rVV	284775	404560	19.74%	1.455%
36	13.586	1851	1855	1863	rVB	162180	237884	11.61%	0.856%
37	13.809	1888	1893	1903	rVV	272887	430642	21.01%	1.549%
38	13.939	1913	1915	1919	rVB5	14003	18132	0.88%	0.065%
39	14.033	1924	1931	1935	rBV3	38435	61334	2.99%	0.221%
40	14.127	1940	1947	1952	rVV2	362736	585170	28.55%	2.105%
41	14.185	1953	1957	1966	rVB	105293	152064	7.42%	0.547%
42	14.338	1979	1983	1986	rBV6	15464	27439	1.34%	0.099%
43	14.391	1988	1992	1996	rVV2	67645	90664	4.42%	0.326%
44	14.526	2010	2015	2021	rVB	65772	120596	5.88%	0.434%
45	14.603	2026	2028	2033	rVB6	26265	34855	1.70%	0.125%
46	14.661	2033	2038	2043	rBV8	28061	48728	2.38%	0.175%
47	14.755	2049	2054	2055	rBV4	24990	29996	1.46%	0.108%
48	14.914	2077	2081	2086	rBV8	27745	49585	2.42%	0.178%
49	14.996	2092	2095	2100	rVB2	50252	58912	2.87%	0.212%
50	15.126	2112	2117	2122	rBV	326693	438013	21.37%	1.575%
51	15.178	2122	2126	2130	rBV	101140	130008	6.34%	0.468%
52	15.278	2141	2143	2145	rBV2	20185	20024	0.98%	0.072%
53	15.343	2152	2154	2158	rBV4	21132	24514	1.20%	0.088%
54	15.402	2160	2164	2173	rVB6	74358	169088	8.25%	0.608%
55	15.866	2239	2243	2244	rBV3	94108	114212	5.57%	0.411%
56	16.242	2304	2307	2314	rVB7	38160	52977	2.59%	0.191%
57	16.400	2331	2334	2338	rBV6	31709	44643	2.18%	0.161%
58	16.536	2355	2357	2363	rVB2	54013	71970	3.51%	0.259%
59	16.659	2374	2378	2381	rVB	295435	364010	17.76%	1.309%
60	16.706	2381	2386	2393	rVV2	127825	200466	9.78%	0.721%
61	16.765	2393	2396	2400	rVB	96065	104316	5.09%	0.375%
62	16.882	2412	2416	2420	rBV	329984	493379	24.08%	1.774%
63	16.929	2420	2424	2429	rVV	1188052	1557280	75.99%	5.601%
64	16.982	2429	2433	2437	rVV2	268516	398415	19.44%	1.433%
65	17.017	2437	2439	2443	rVB	176347	193594	9.45%	0.696%
66	17.299	2483	2487	2491	rBV	99307	151966	7.42%	0.547%
67	17.470	2513	2516	2518	rBV2	68204	89711	4.38%	0.323%
68	17.611	2536	2540	2546	rVB4	58630	112426	5.49%	0.404%
69	17.764	2563	2566	2570	rBV	120951	144558	7.05%	0.520%
70	17.811	2570	2574	2580	rVB	275387	385507	18.81%	1.386%
71	17.863	2580	2583	2586	rBV	97678	111176	5.43%	0.400%

LSC Area Percent Report

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Data File : BG018290.D
Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

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
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Title : SVOA CALIBRATION

72	17.957	2594	2599	2603	rBV2	427917	635639	31.02%	2.286%
73	17.999	2603	2606	2608	rVV	80932	85557	4.17%	0.308%
74	18.245	2646	2648	2650	rBV2	87668	90370	4.41%	0.325%
75	18.698	2721	2725	2729	rBV	117403	194228	9.48%	0.699%
76	18.798	2739	2742	2743	rBV2	96394	107829	5.26%	0.388%
77	18.821	2743	2746	2756	rVB5	253958	490598	23.94%	1.764%
78	18.968	2765	2771	2776	rBV	1593779	2049319	100.00%	7.370%
79	19.033	2779	2782	2785	rBV4	86820	115212	5.62%	0.414%
80	19.109	2791	2795	2801	rVB	390450	547070	26.70%	1.967%
81	19.174	2803	2806	2810	rBV2	133640	153109	7.47%	0.551%
82	19.303	2823	2828	2830	rBV3	456427	674876	32.93%	2.427%
83	19.332	2830	2833	2837	rVB	1075144	1320180	64.42%	4.748%
84	19.450	2850	2853	2858	rVB5	109679	122994	6.00%	0.442%
85	19.561	2869	2872	2879	rVB2	320868	444069	21.67%	1.597%
86	19.826	2913	2917	2921	rVB2	550985	762783	37.22%	2.743%
87	19.879	2923	2926	2931	rVB	217371	238536	11.64%	0.858%
88	19.932	2932	2935	2939	rVV	121502	146534	7.15%	0.527%
89	20.108	2961	2965	2968	rBV	511366	635589	31.01%	2.286%
90	20.155	2971	2973	2975	rBV2	94337	95664	4.67%	0.344%
91	20.425	3012	3019	3029	rBV3	416715	838424	40.91%	3.015%
92	20.572	3041	3044	3050	rVB3	225628	365704	17.85%	1.315%
93	20.742	3068	3073	3078	rBV4	148157	352098	17.18%	1.266%
94	20.836	3085	3089	3092	rVB3	288394	358080	17.47%	1.288%
95	21.024	3117	3121	3124	rBV	445247	468093	22.84%	1.683%
96	21.089	3128	3132	3136	rVV2	866135	1505232	73.45%	5.413%
97	21.136	3136	3140	3145	rVB2	985767	1664735	81.23%	5.987%
98	22.634	3390	3395	3400	rBV	702984	1516975	74.02%	5.456%
99	23.099	3471	3474	3477	rVB	297639	372569	18.18%	1.340%
100	23.193	3486	3490	3496	rVB	569039	916074	44.70%	3.295%

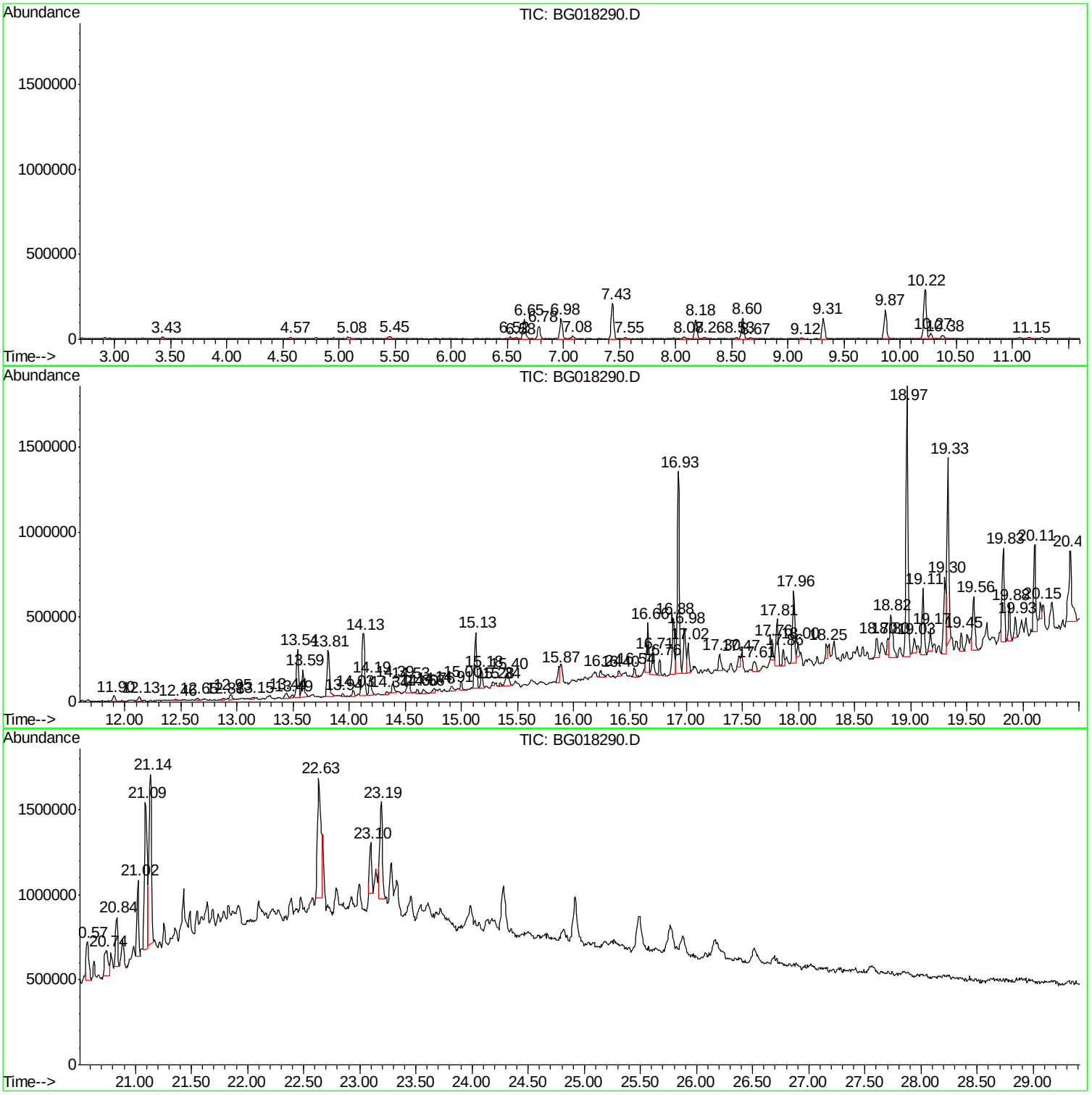
Sum of corrected areas: 27805604

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018290.D
Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018290.D
Acq On : 6 Aug 2015 2:41
Operator : UM/TP
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

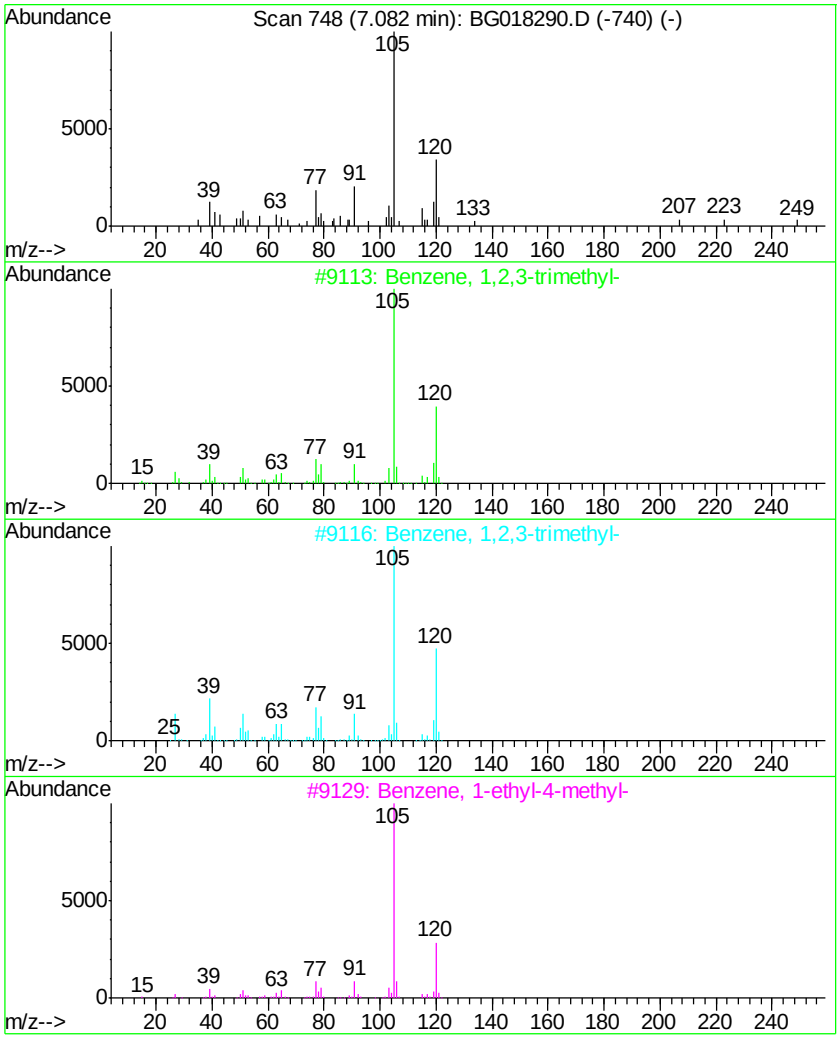
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

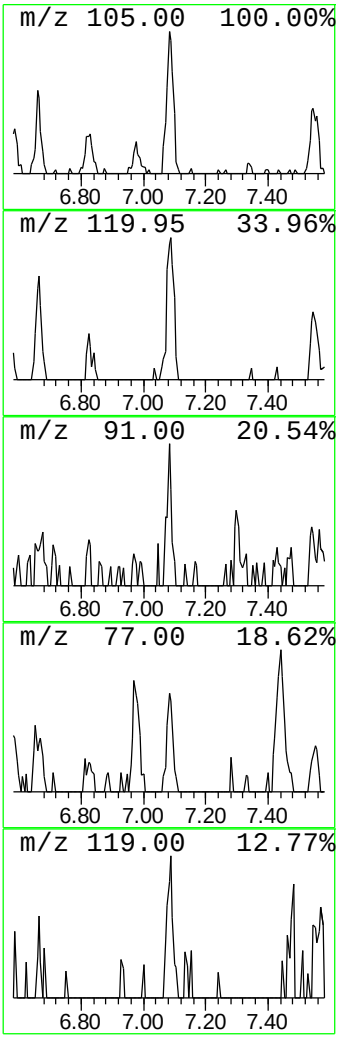
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	2.16 ng/ul	35000	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	72
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	58
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	58
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018290.D
Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

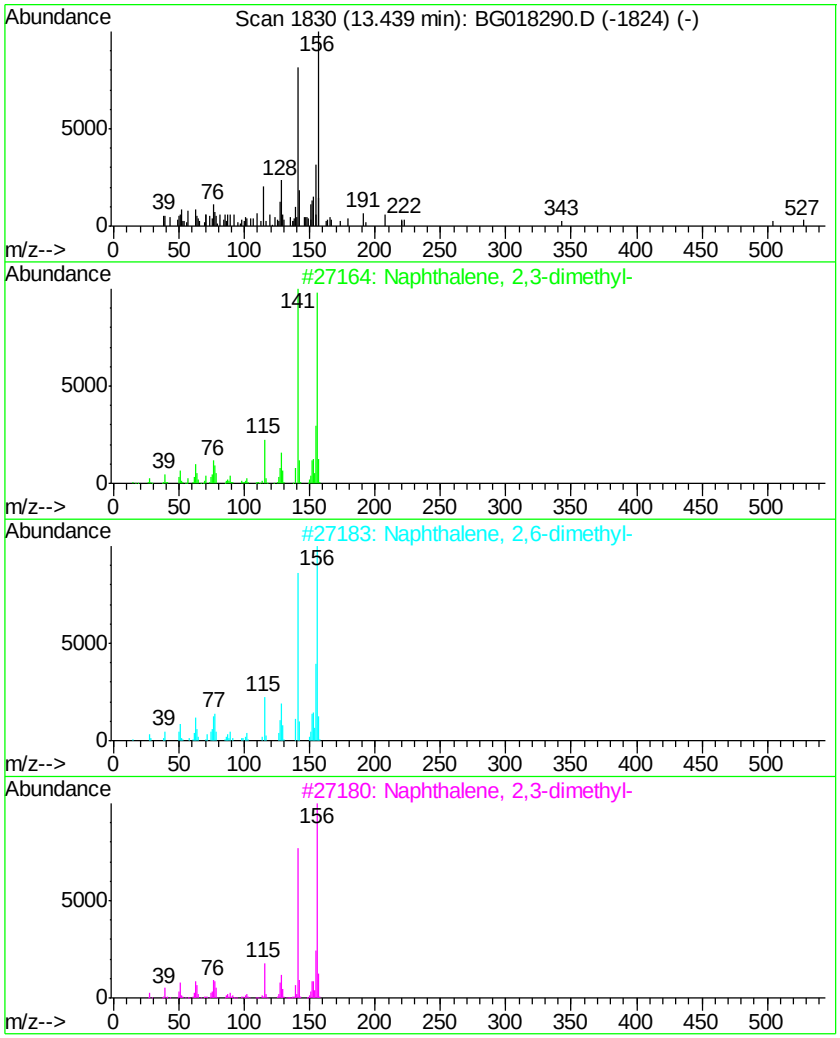
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

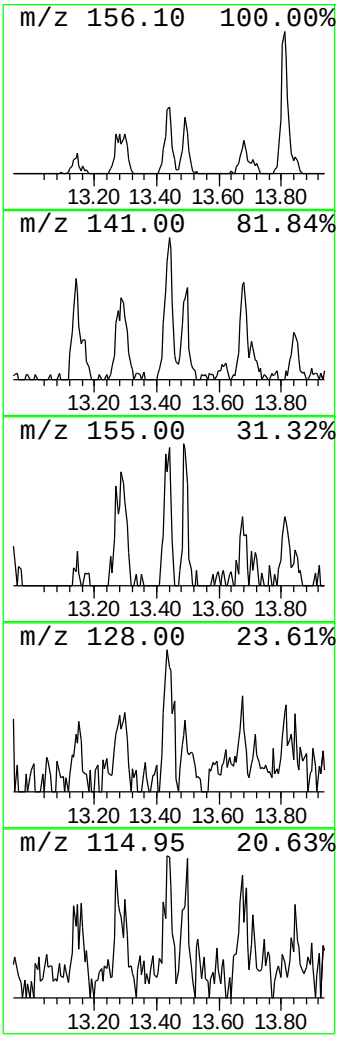
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.10 ng/ul	61339	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018290.D
Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

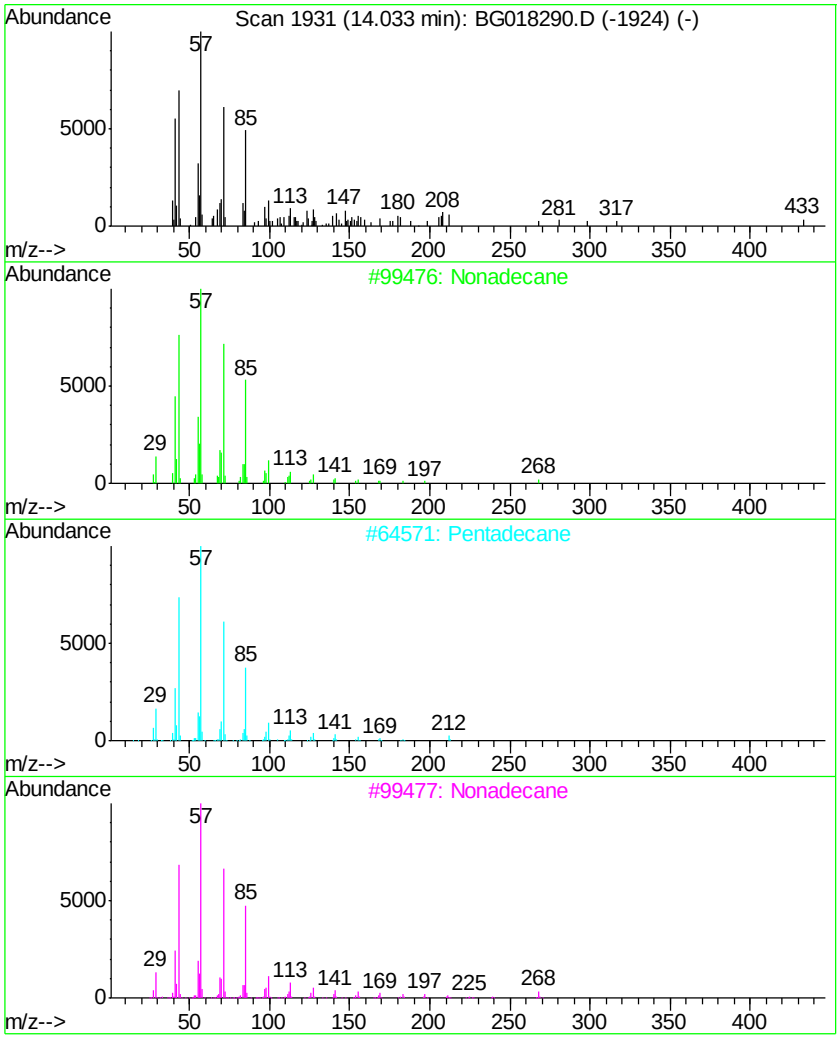
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

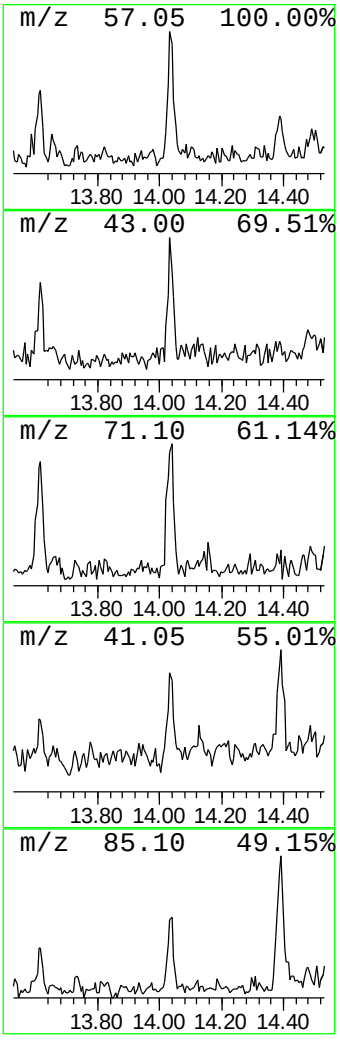
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	2.10 ng/ul	61334	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	Pentadecane	212	C15H32	000629-62-9	94
3	Nonadecane	268	C19H40	000629-92-5	93
4	Tetradecane	198	C14H30	000629-59-4	93
5	Pentadecane	212	C15H32	000629-62-9	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018290.D
Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

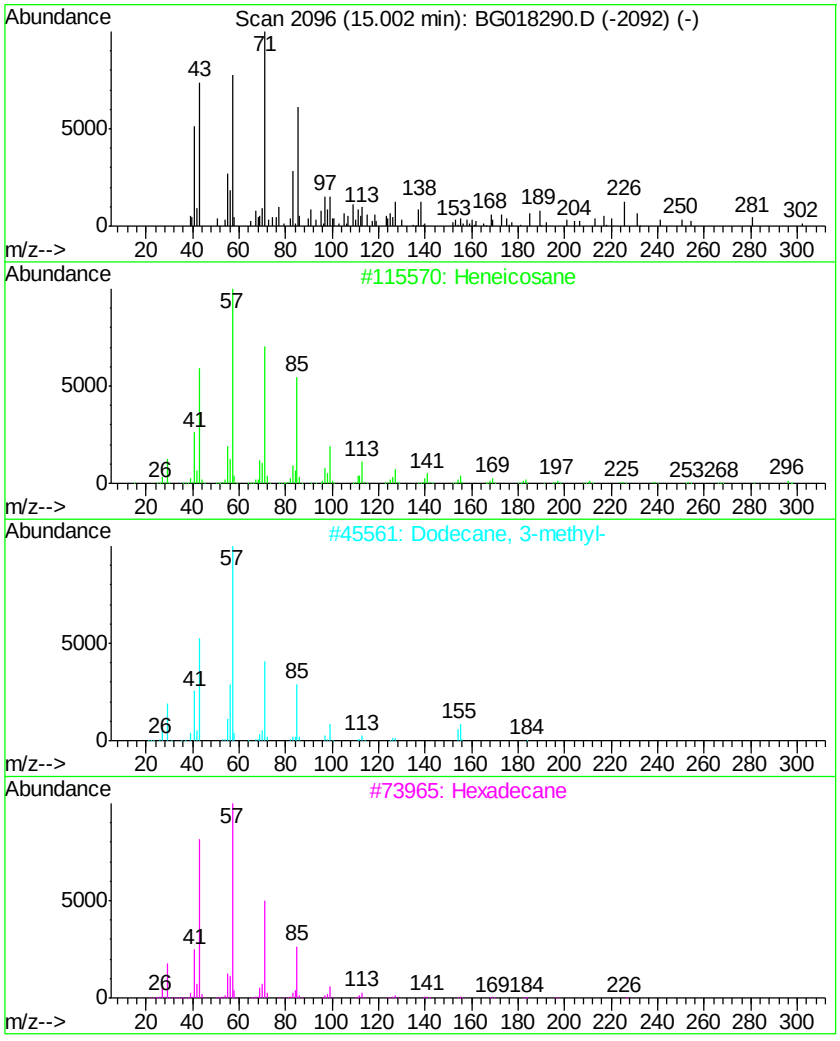
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

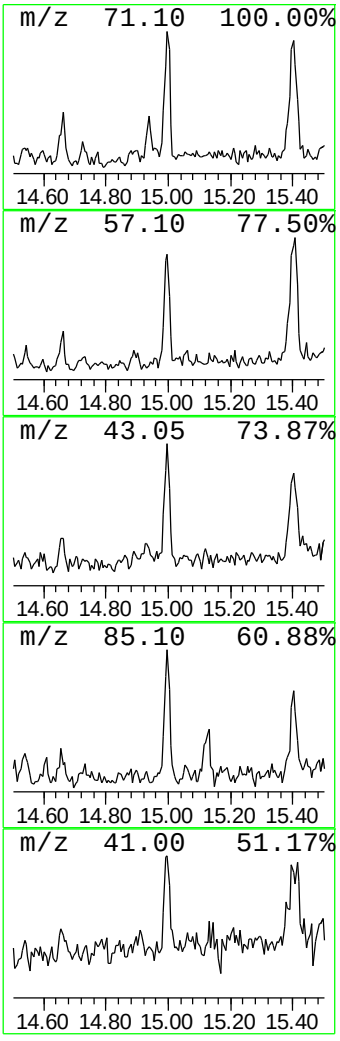
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.01 ng/ul	58912	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	72
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Heneicosane	296	C21H44	000629-94-7	64
5	Octadecane	254	C18H38	000593-45-3	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
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Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

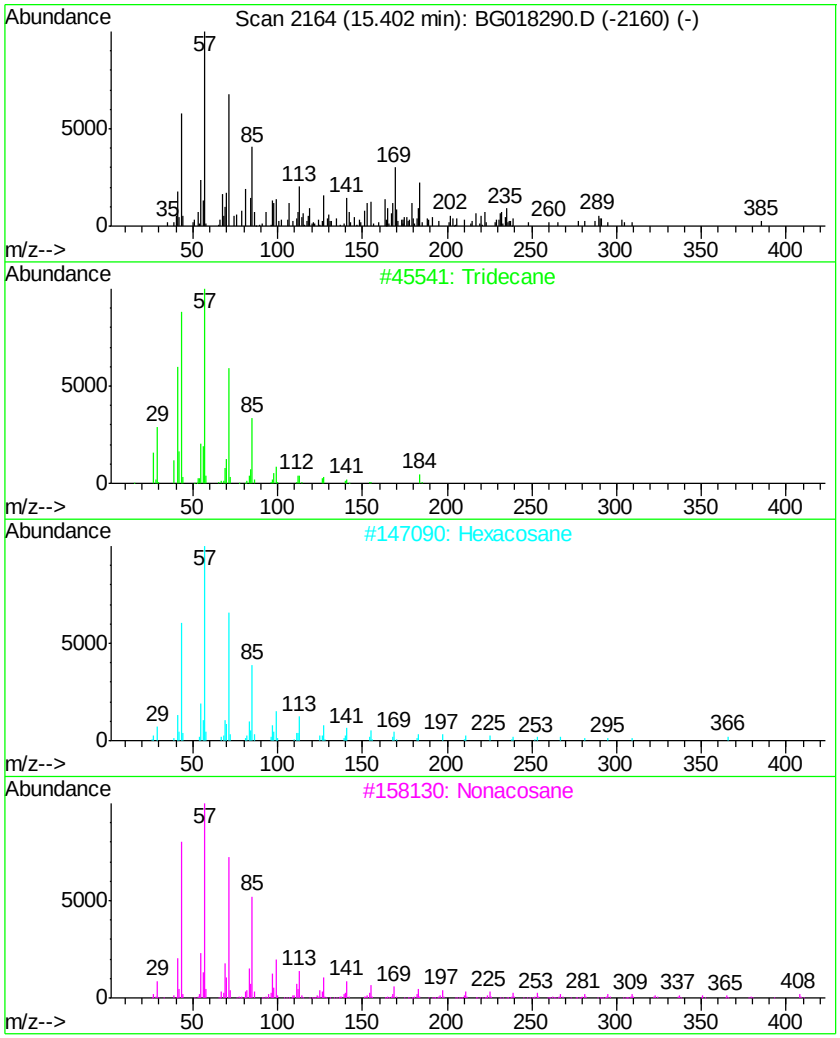
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

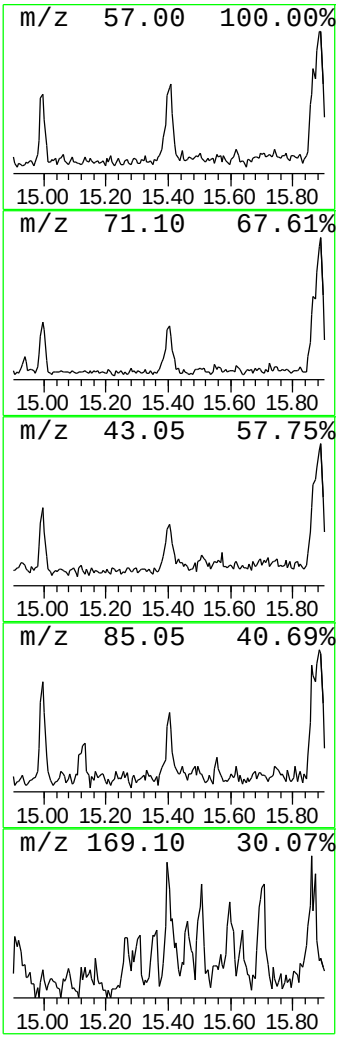
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	5.78 ng/ul	169088	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	60
2	Hexacosane	366	C26H54	000630-01-3	46
3	Nonacosane	408	C29H60	000630-03-5	46
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	45
5	Dodecane	170	C12H26	000112-40-3	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018290.D
Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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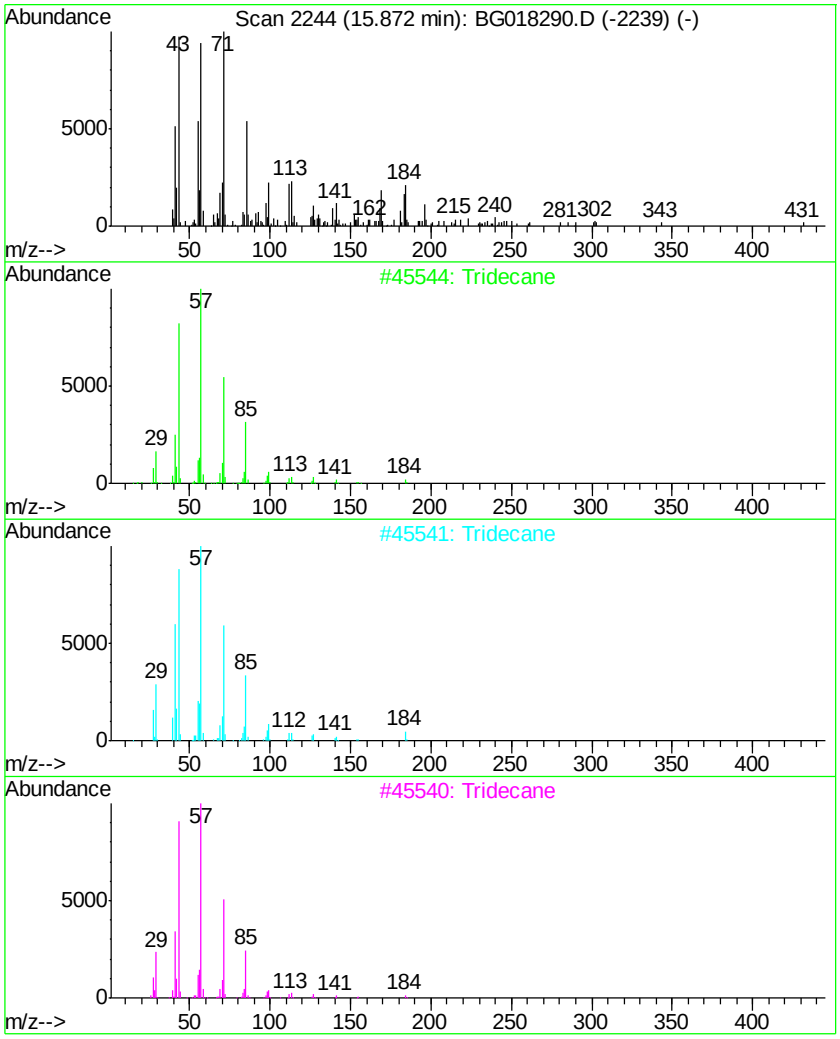
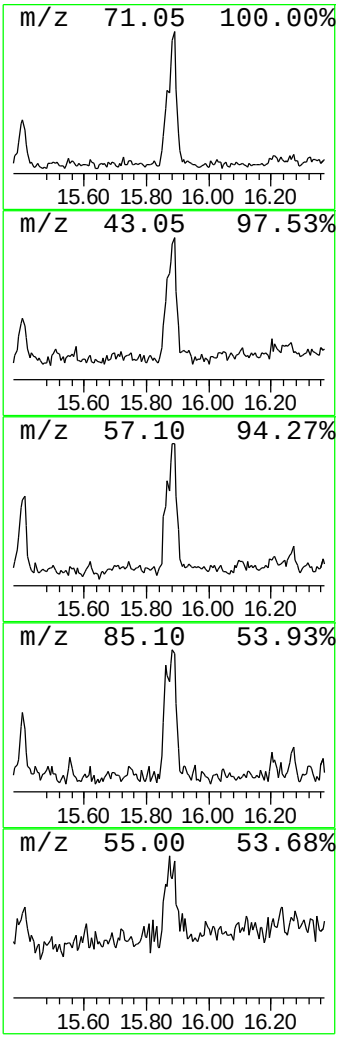
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	4.63 ng/ul	114212	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Tridecane	184	C13H28	000629-50-5	89
3	Tridecane	184	C13H28	000629-50-5	76
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5	Heptadecane	240	C17H36	000629-78-7	62





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Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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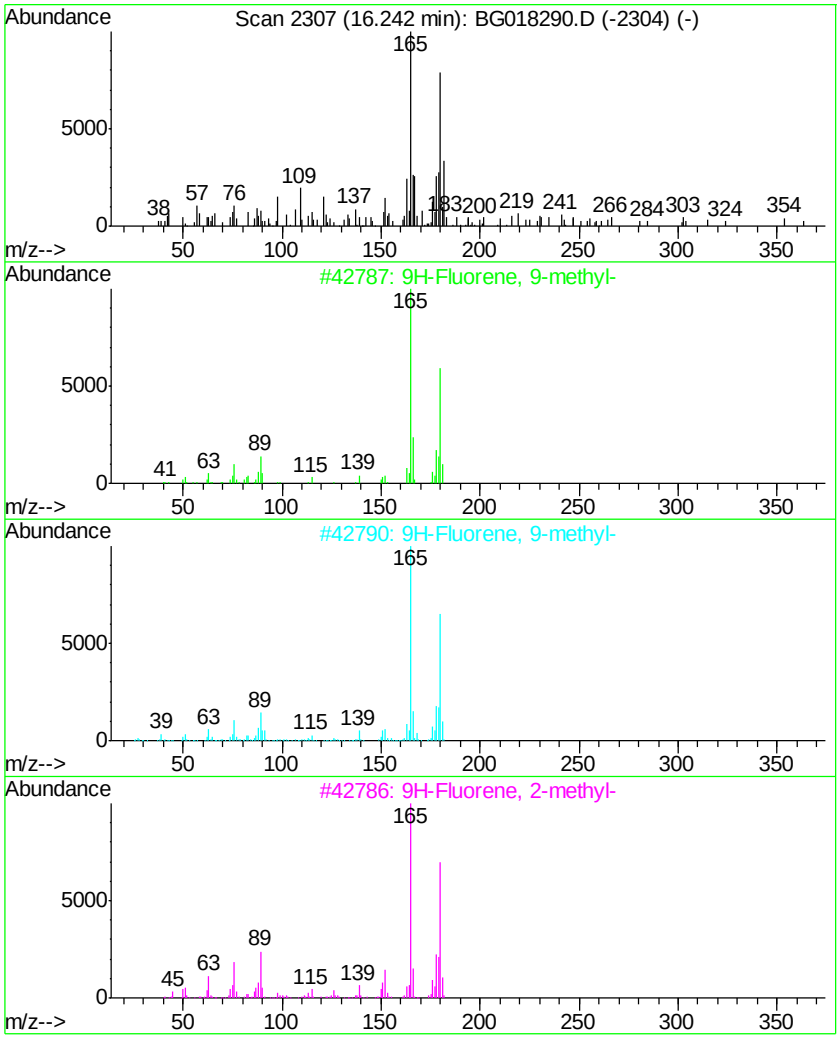
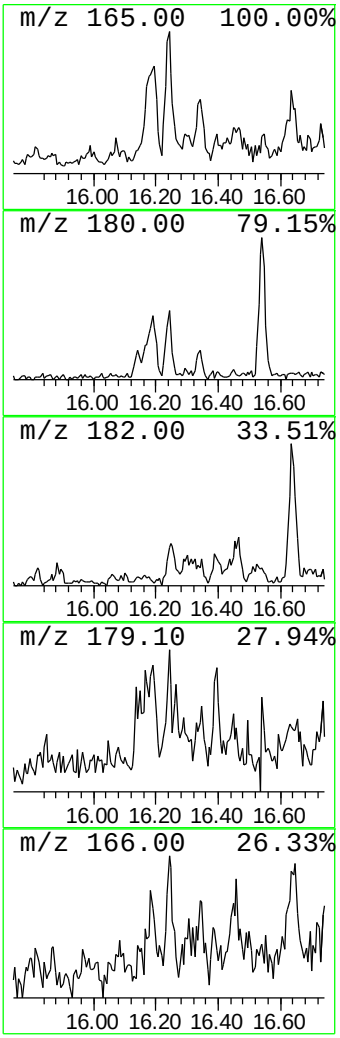
Peak Number 7 9H-Fluorene, 9-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	2.15 ng/ul	52977	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	60
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	60
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	60
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	53





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Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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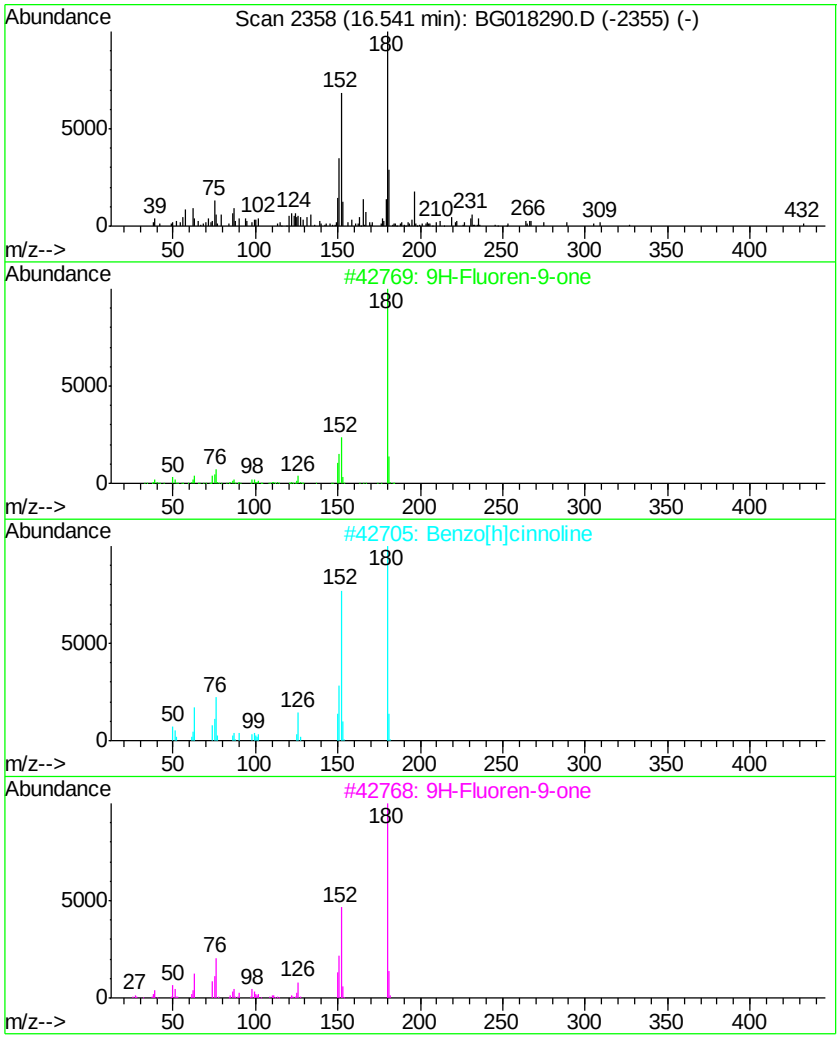
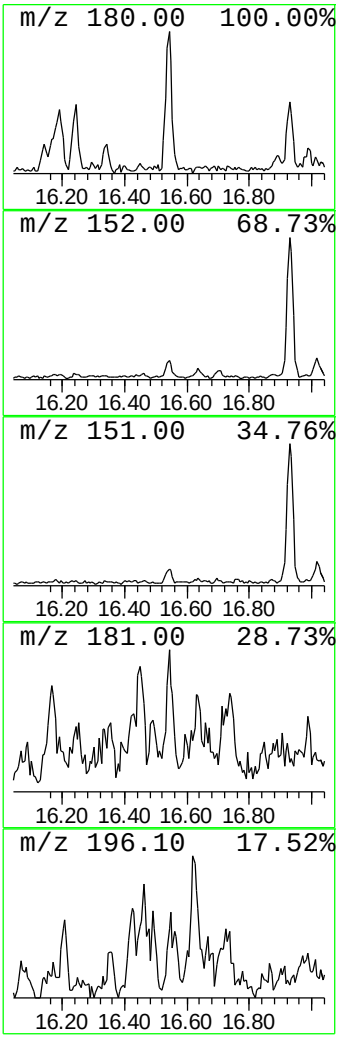
Peak Number 8 9H-Fluoren-9-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	2.92 ng/ul	71970	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	81
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	74
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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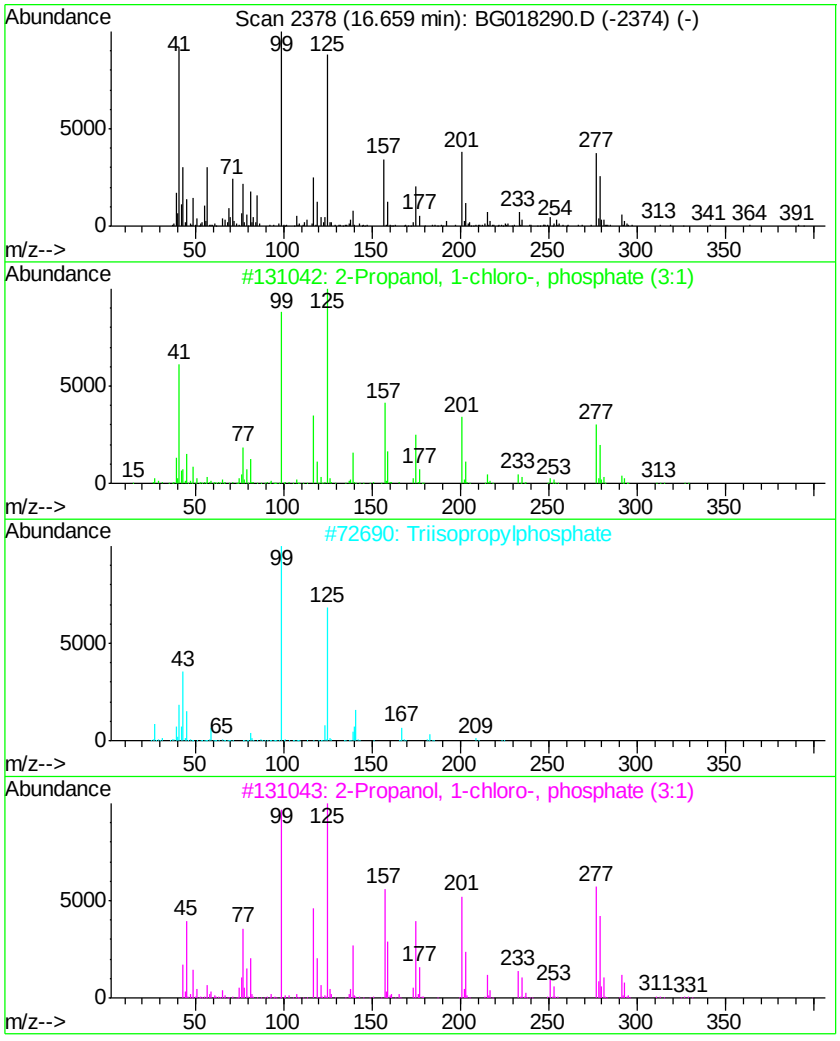
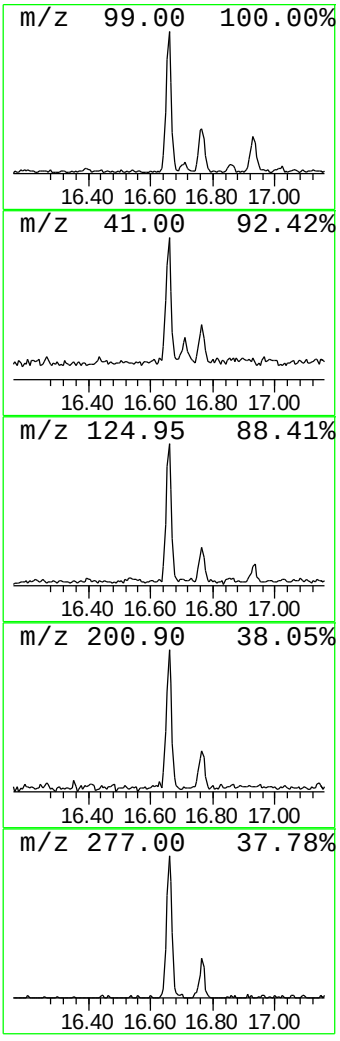
Peak Number 9 2-Propanol, 1-chloro-, phos... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	14.76 ng/ul	364010	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	83
2	Triisopropylphosphate	224	C9H21O4P	000513-02-0	32
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	25
4	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	25
5	Sarin	140	C4H10FO2P	000107-44-8	14





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Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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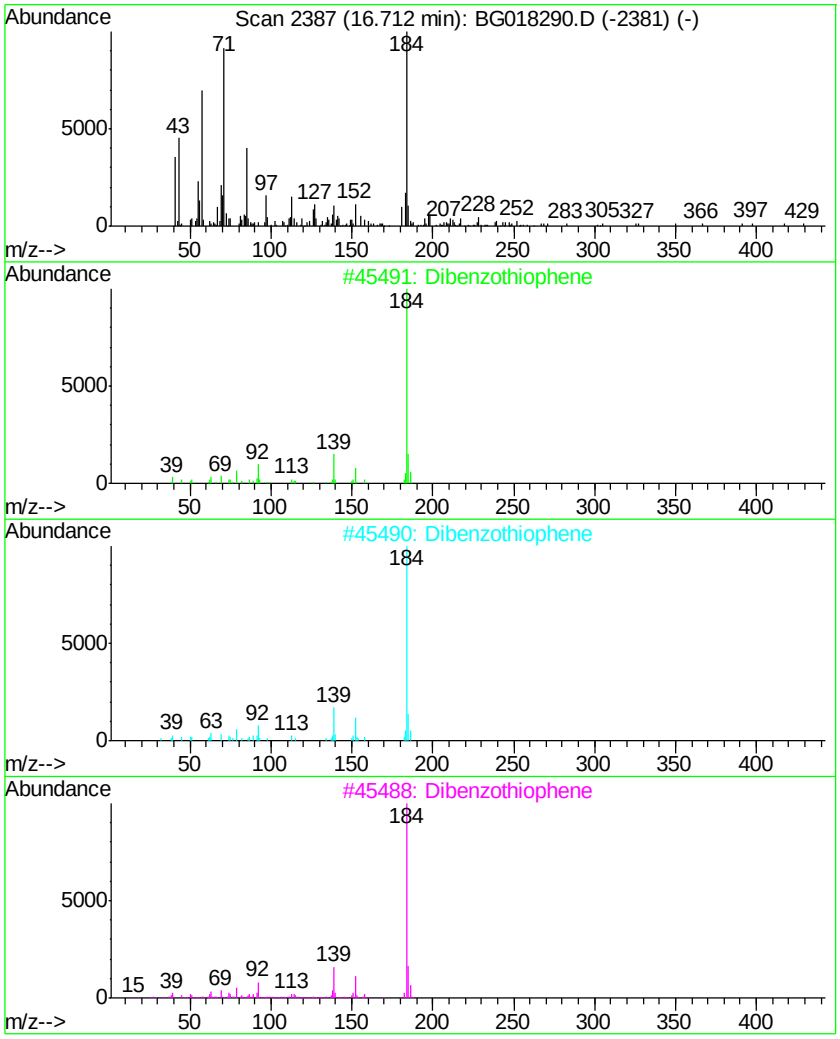
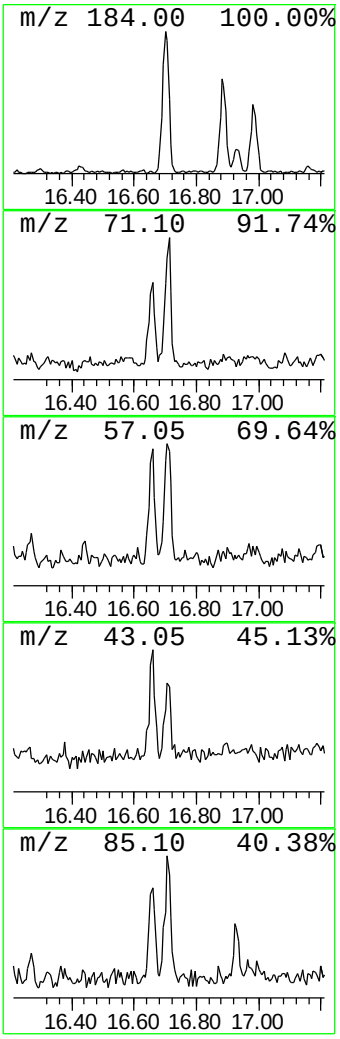
Peak Number 10 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	8.13 ng/ul	200466	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	83
2	Dibenzothiophene	184	C12H8S	000132-65-0	60
3	Dibenzothiophene	184	C12H8S	000132-65-0	60
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	60
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	53





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Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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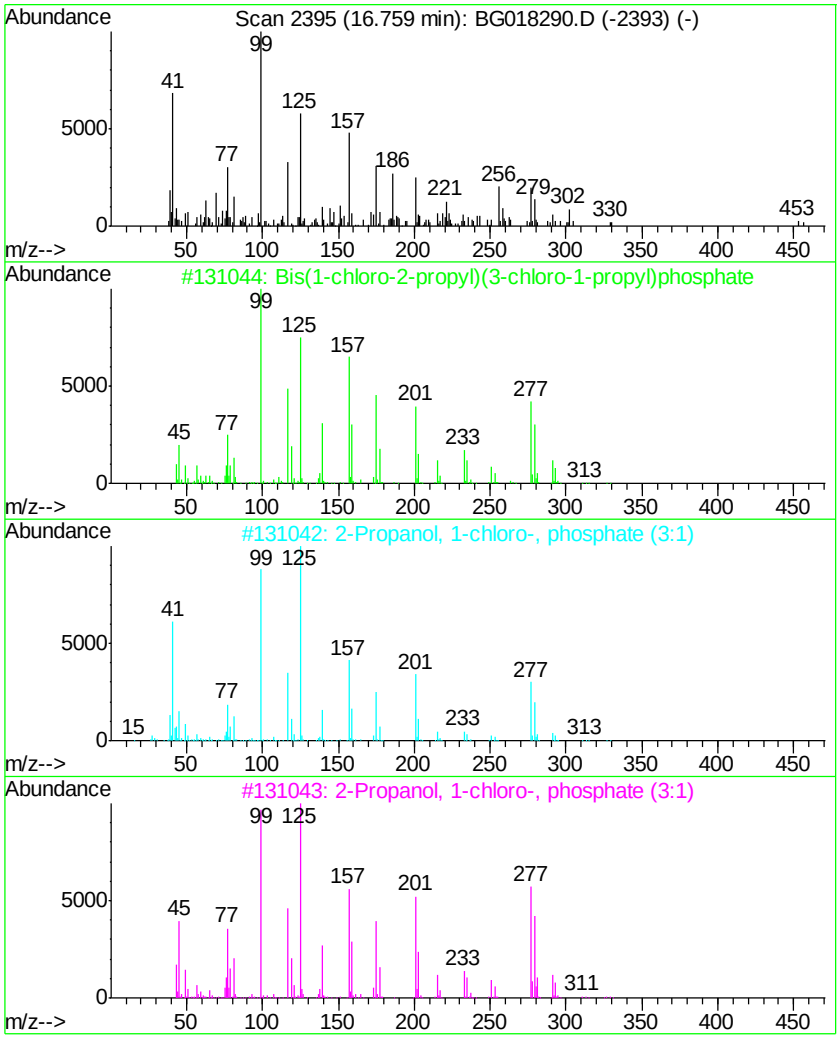
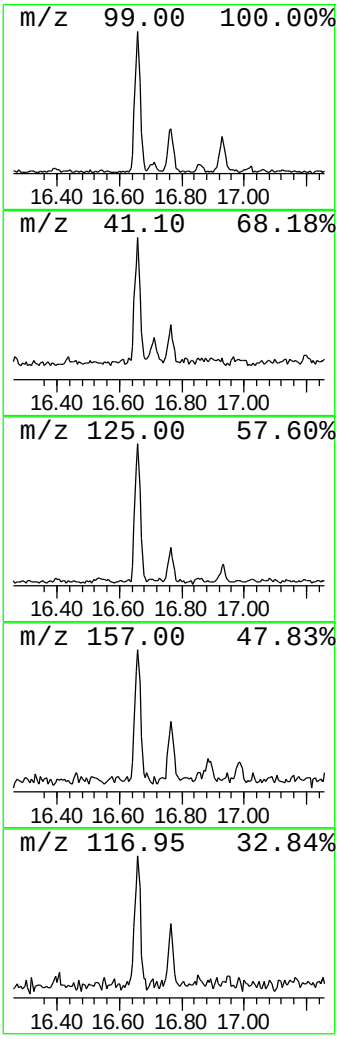
Peak Number 11 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	4.23 ng/ul	104316	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	49
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	46
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	46
4	Cholestan-3,22,26-triol	420	C27H48O3	1000252-39-8	12
5	Furane-2-carboxylic acid, 5-[4-(...	274	C16H18O4	074556-54-0	11





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Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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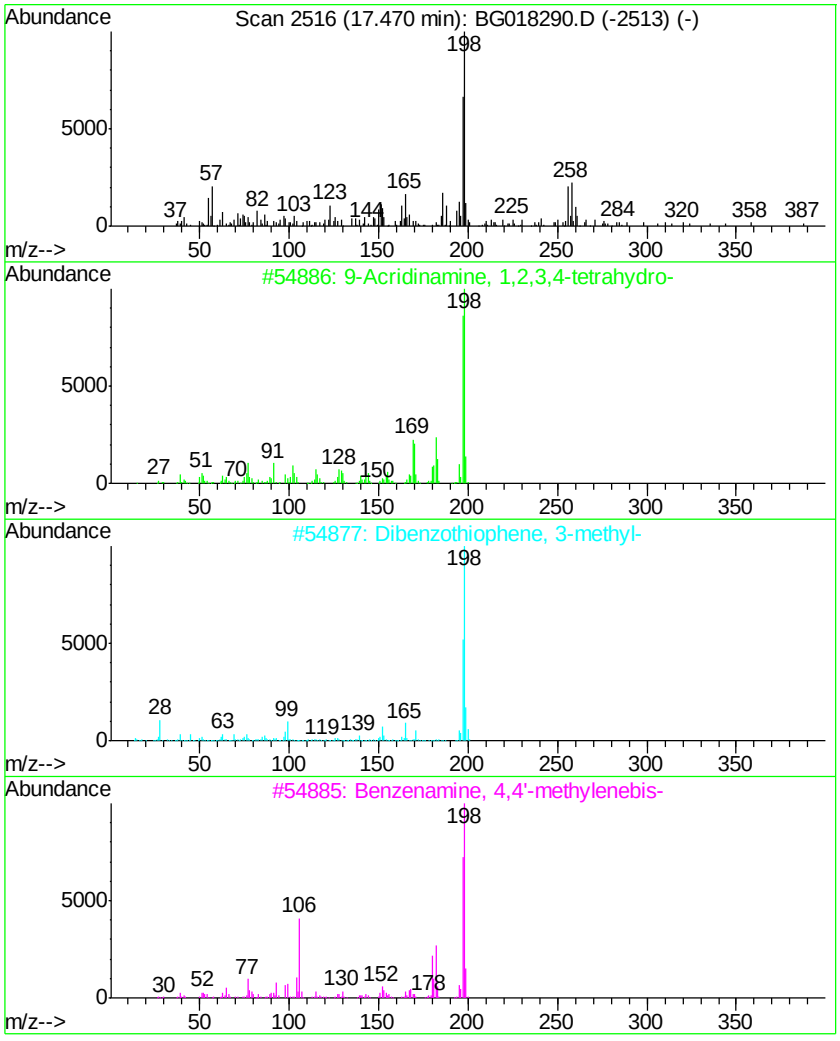
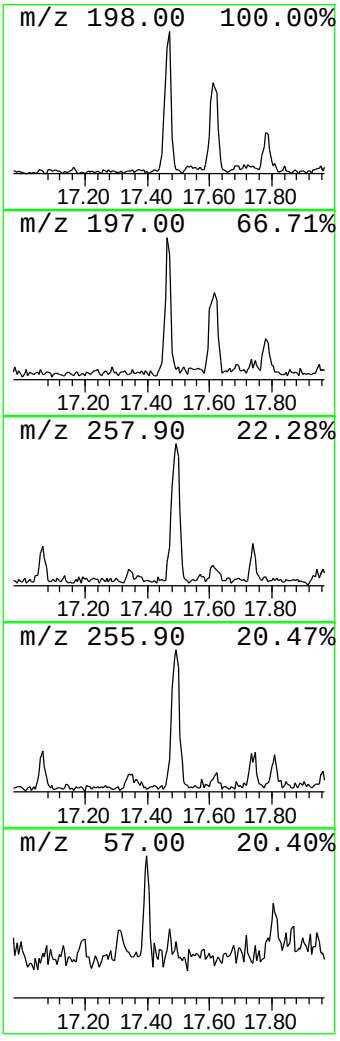
Peak Number 12 9-Acridinamine, 1,2,3,4-tet... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	3.64 ng/ul	89711	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	50
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	49
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	49
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	47
5	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	47





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Acq On : 6 Aug 2015 2:41
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Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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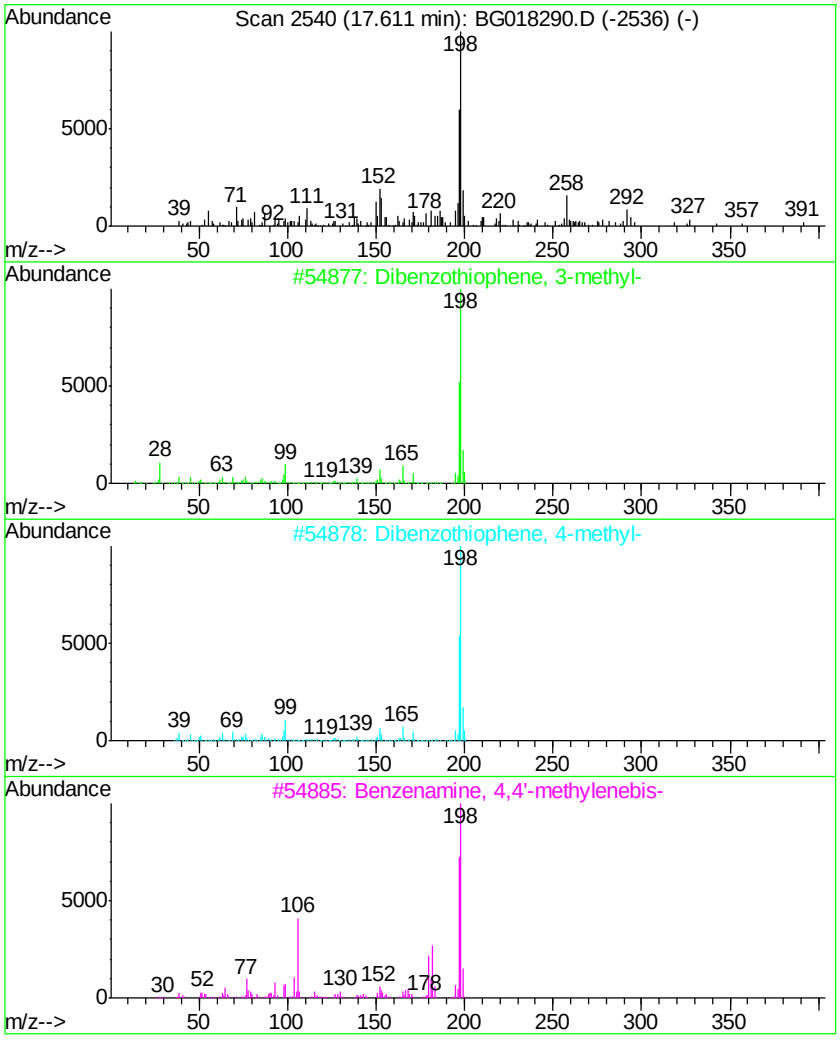
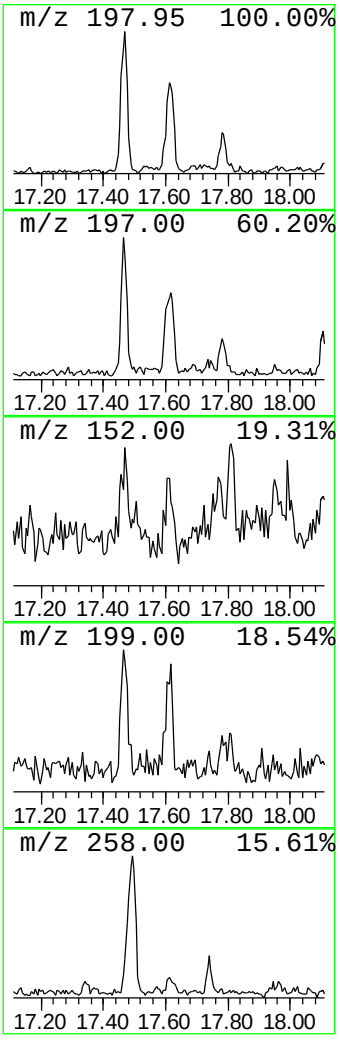
Peak Number 13 Dibenzothiophene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	4.56 ng/ul	112426	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	70
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	70
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	58
4	4,6,8-Trimethyl-1-azulenecarbald...	198	C14H14O	000832-62-2	53
5	Indeno[1,2-b]pyridin-5-ol, 7-amino-	198	C12H10N2O	339336-23-1	53





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Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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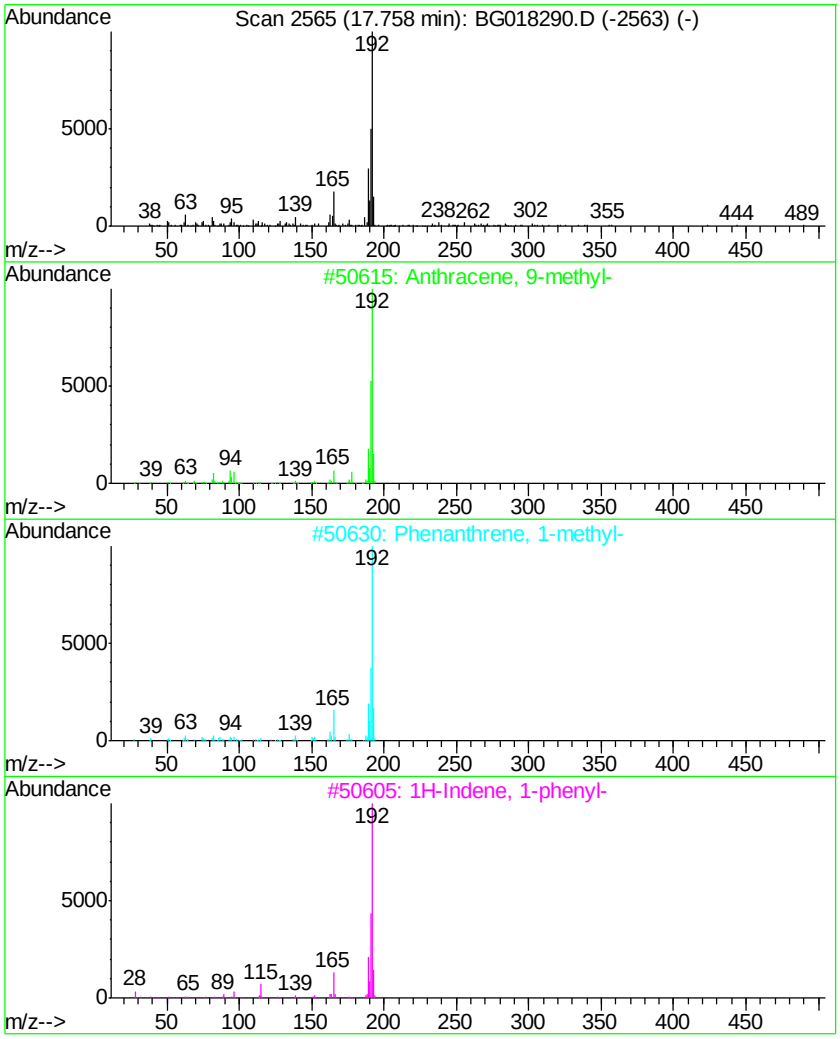
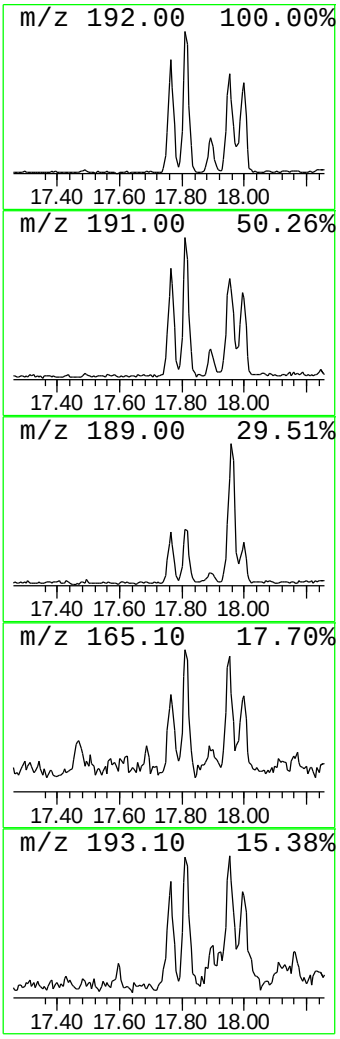
Peak Number 14 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	5.86 ng/ul	144558	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81
4	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	81
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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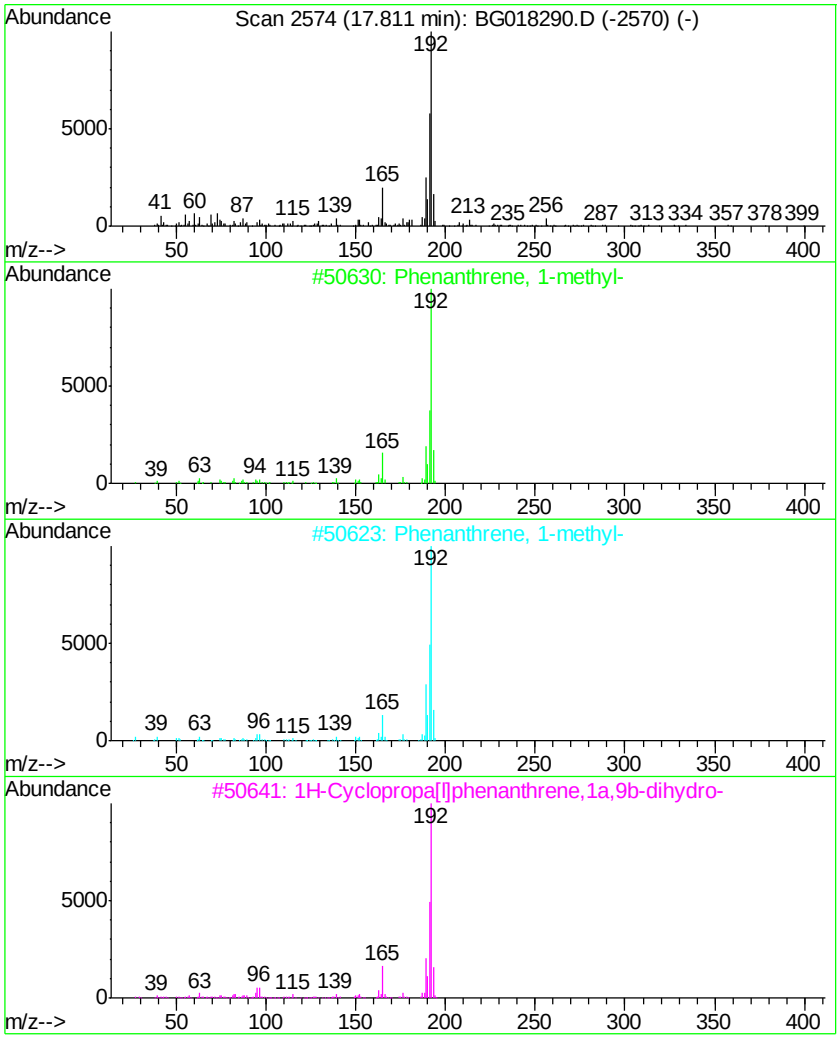
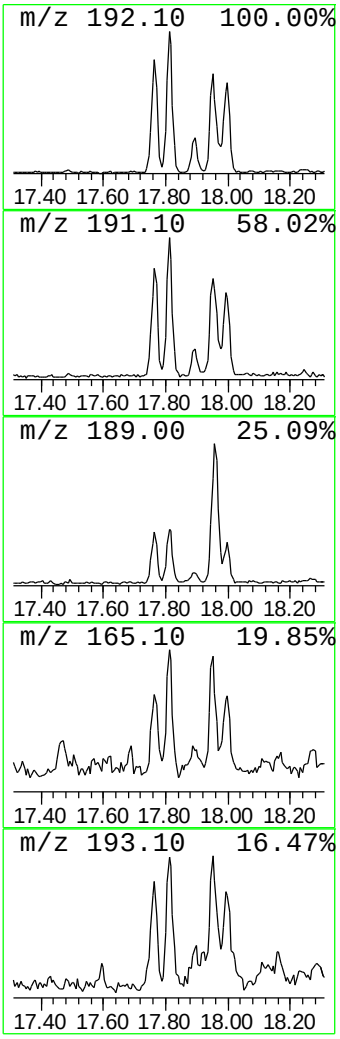
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	15.63 ng/ul	385507	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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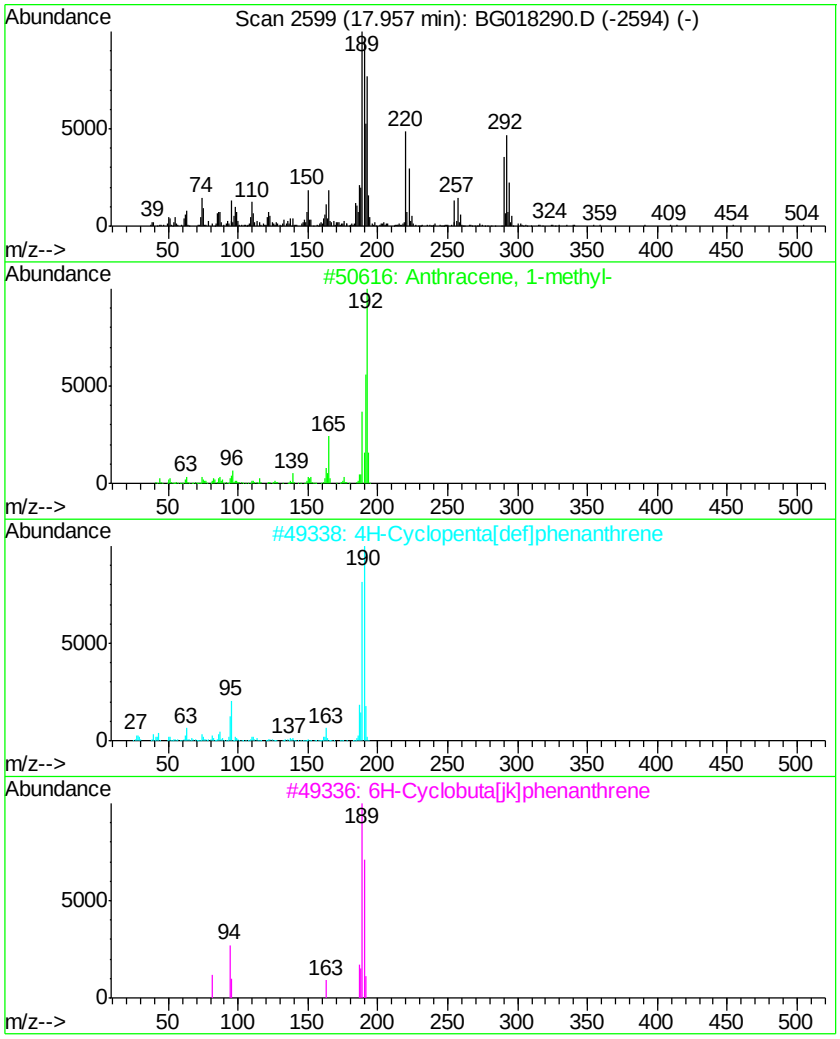
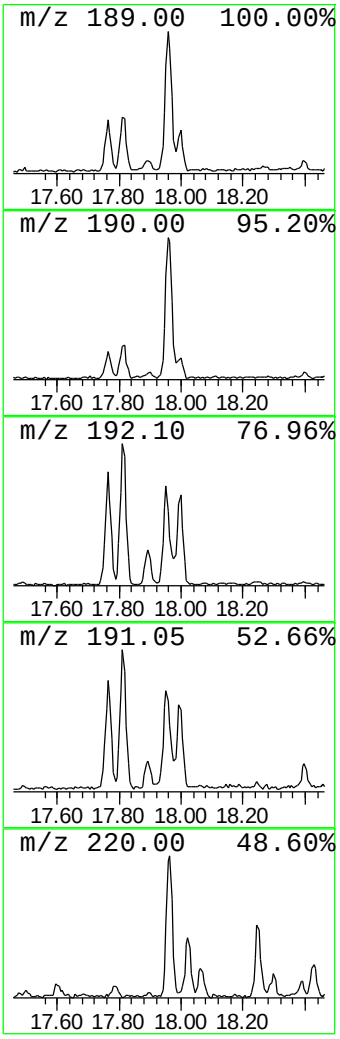
Peak Number 16 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	25.77 ng/ul	635639	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	44
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	42
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	30
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	27
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





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Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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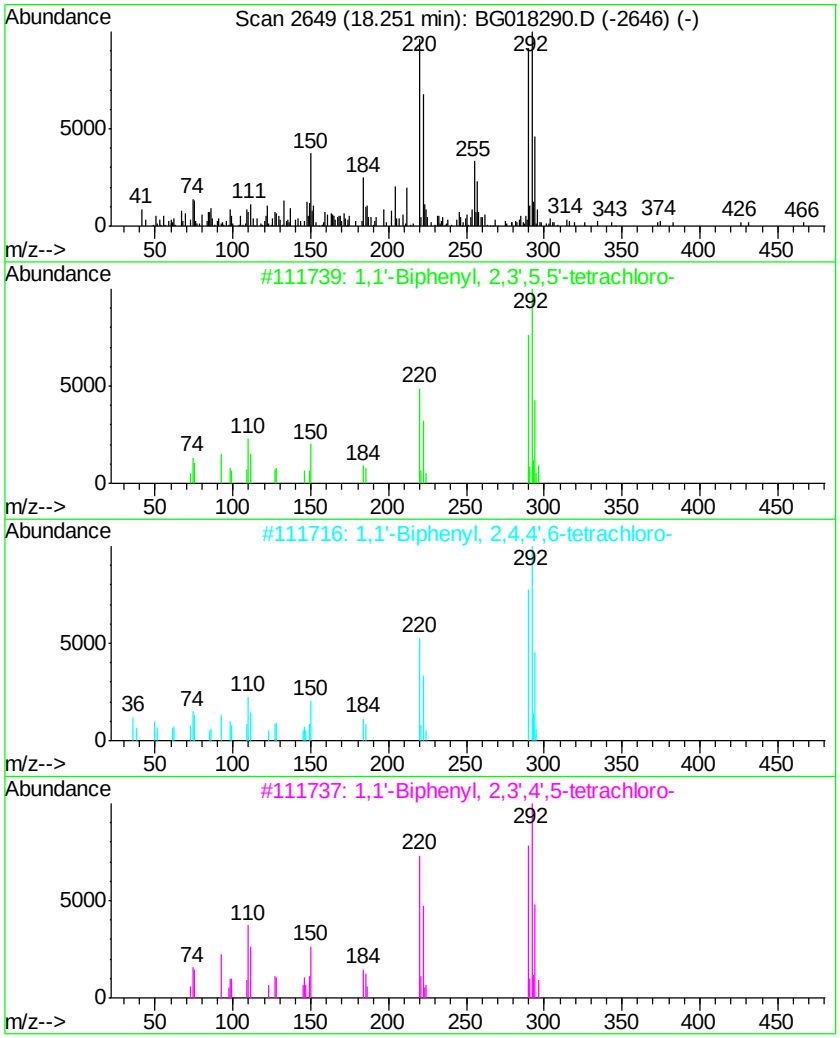
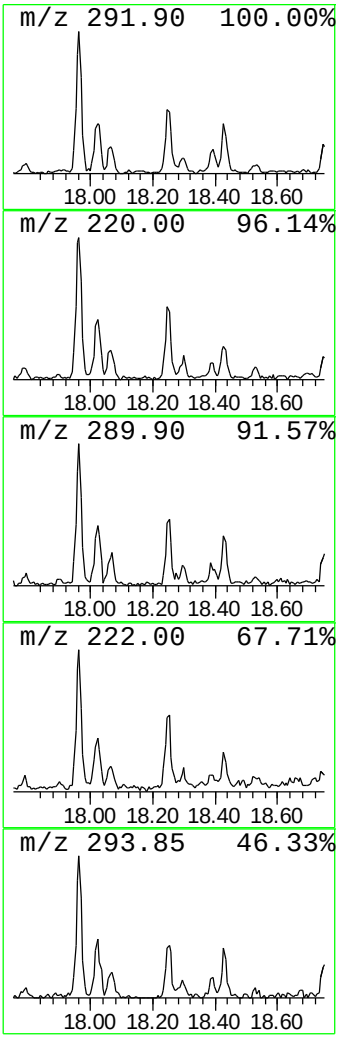
Peak Number 18 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	3.66 ng/ul	90370	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
2	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
3	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	98
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	98





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Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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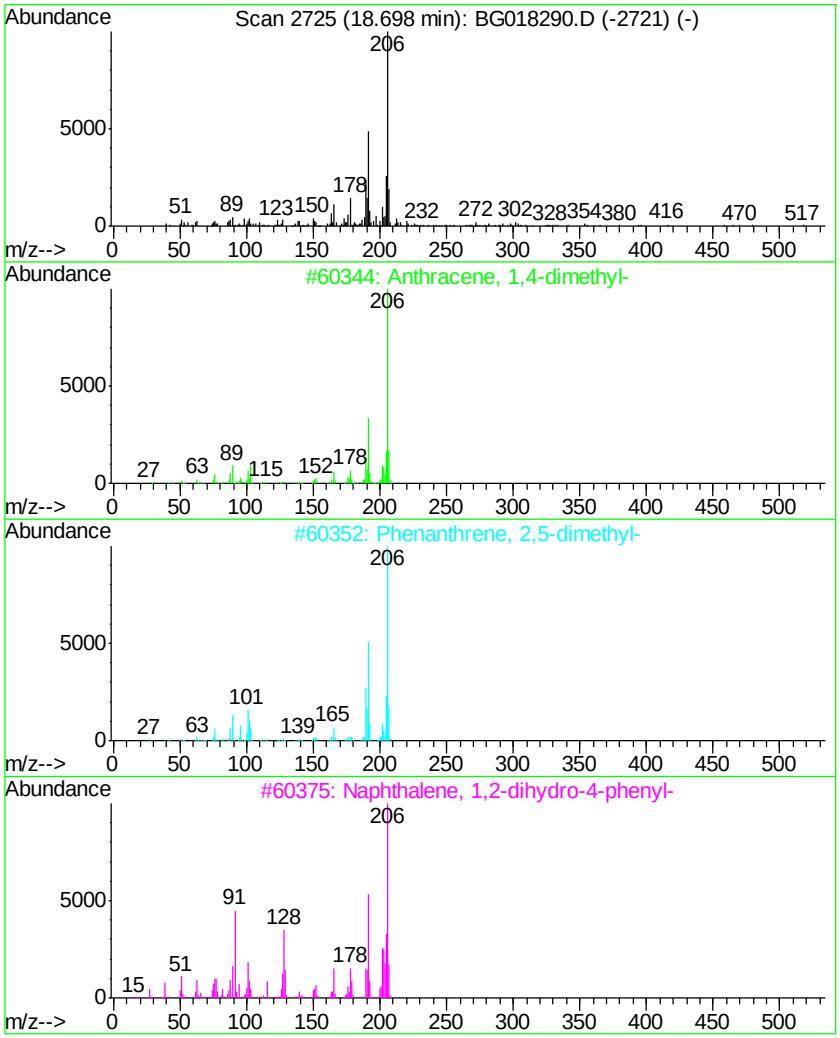
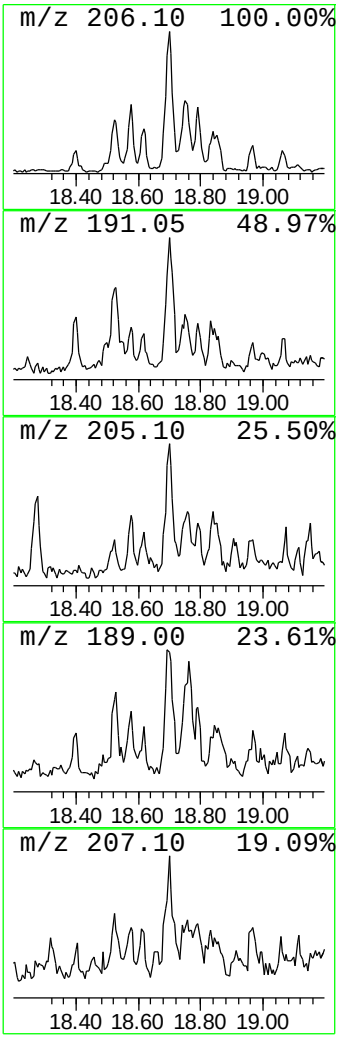
Peak Number 19 Anthracene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	7.87 ng/ul	194228	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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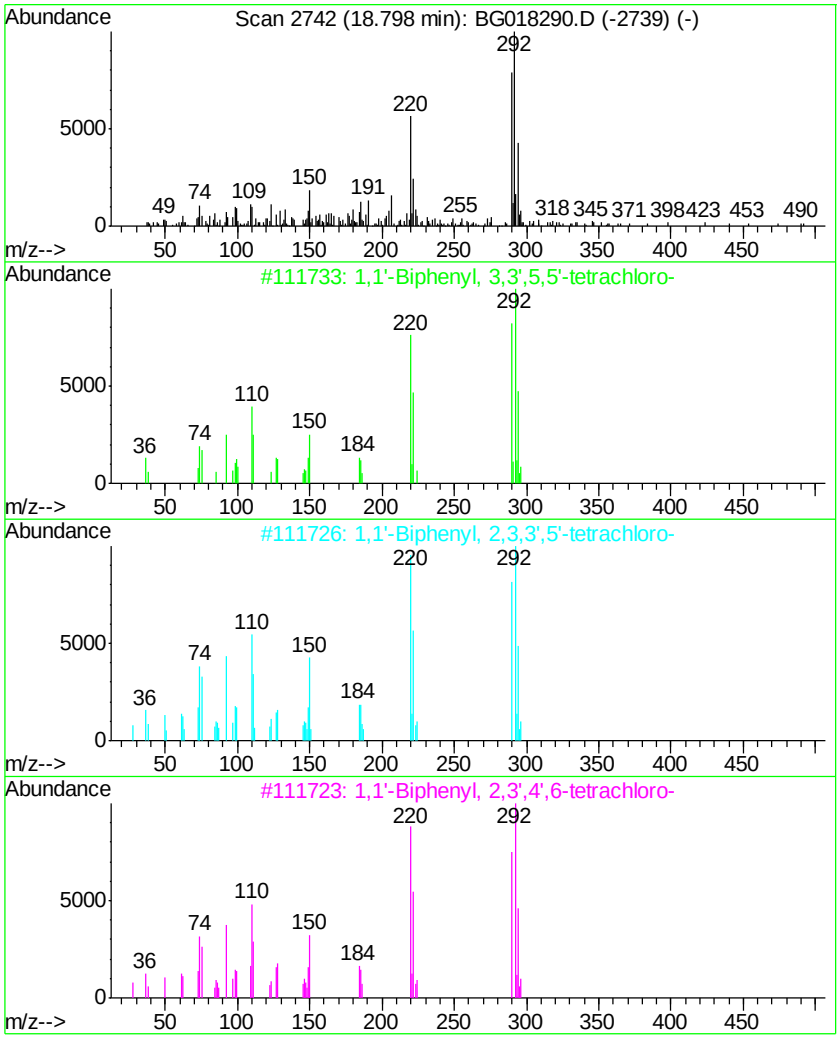
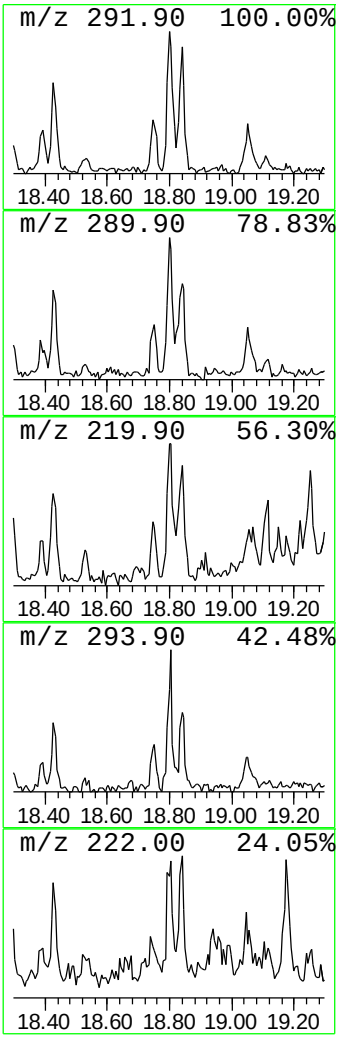
Peak Number 20 1,1'-Biphenyl, 3,3',5,5'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	4.37 ng/ul	107829	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	98
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	97
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	97
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	96
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	96





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Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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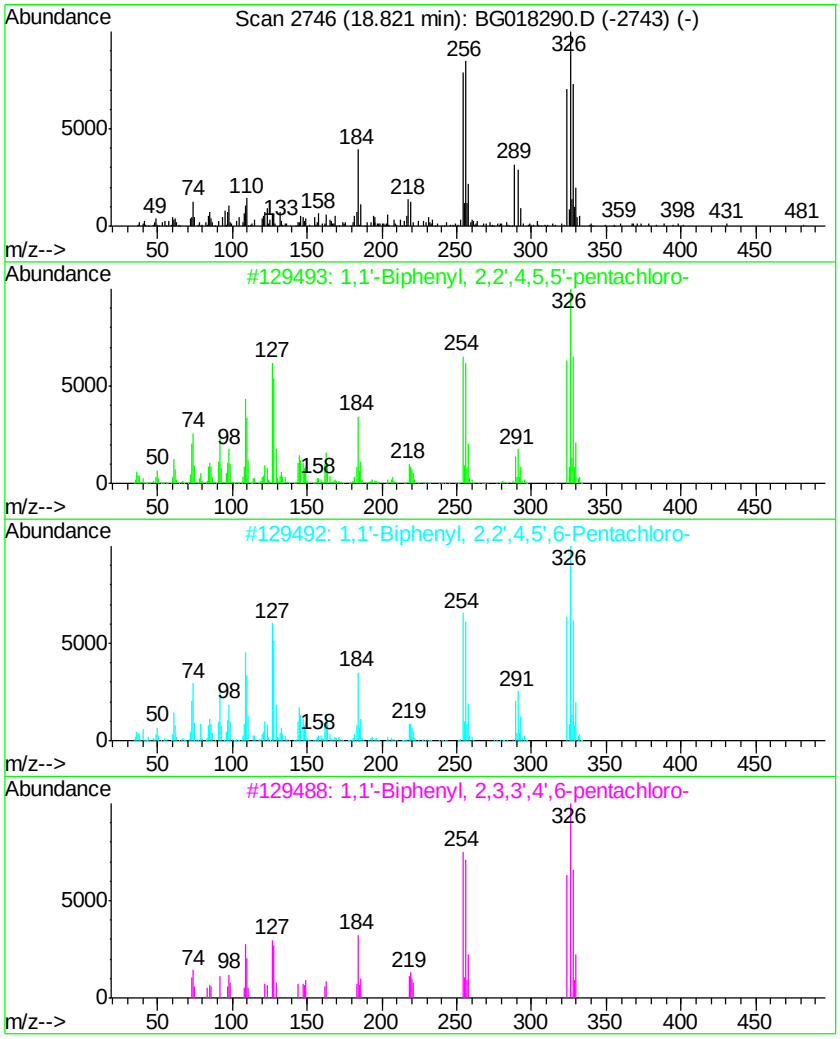
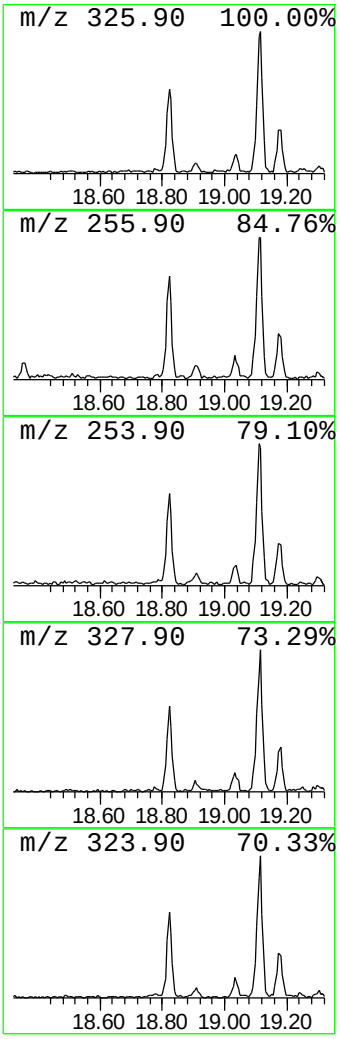
Peak Number 21 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	19.89 ng/ul	490598	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
2	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	95
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	94





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Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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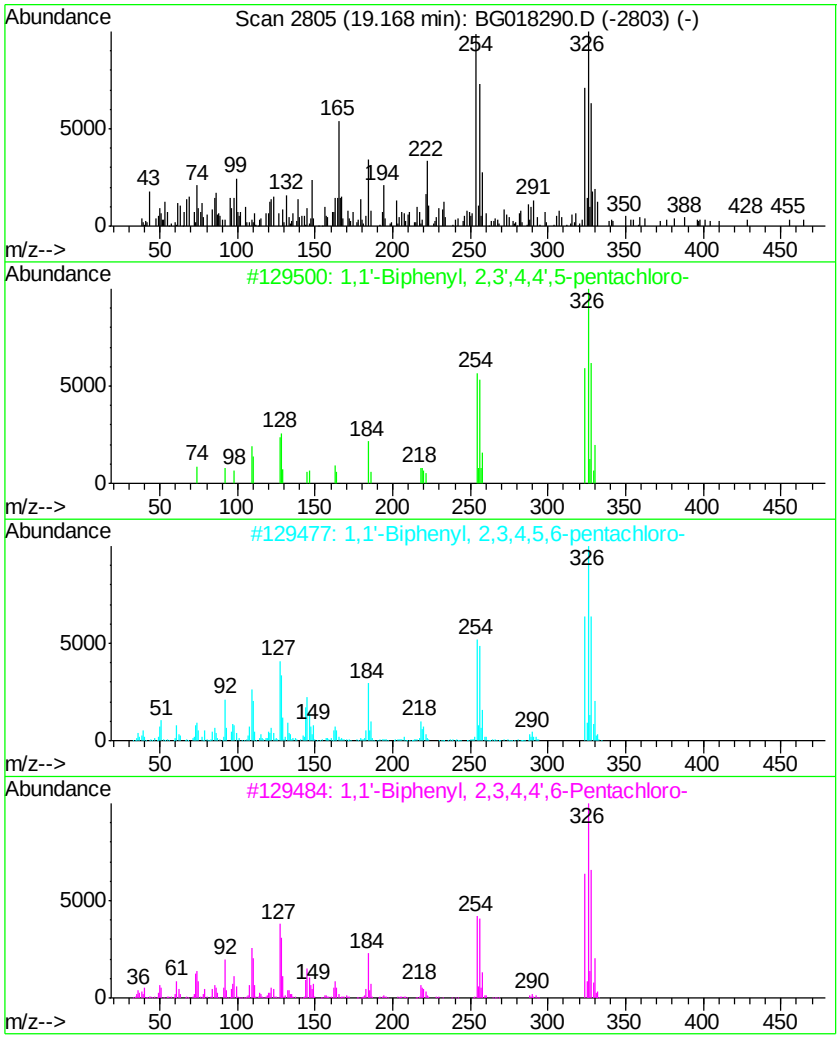
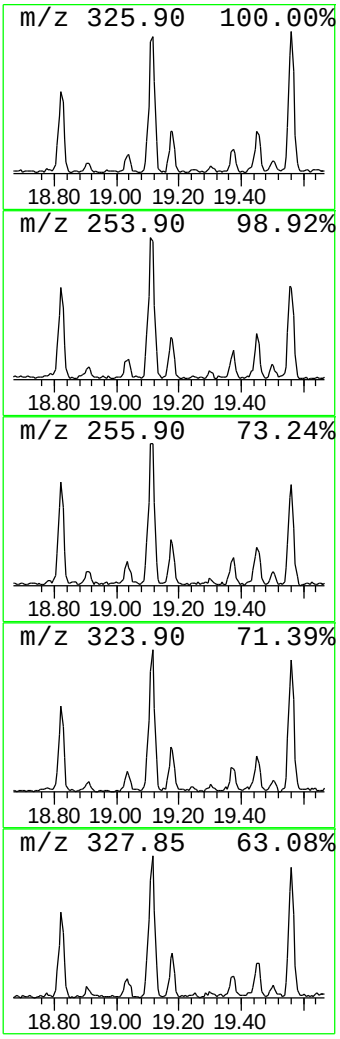
Peak Number 23 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.03 ng/ul	153109	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	94
2	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	94
3	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	94
4	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	94
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	93





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Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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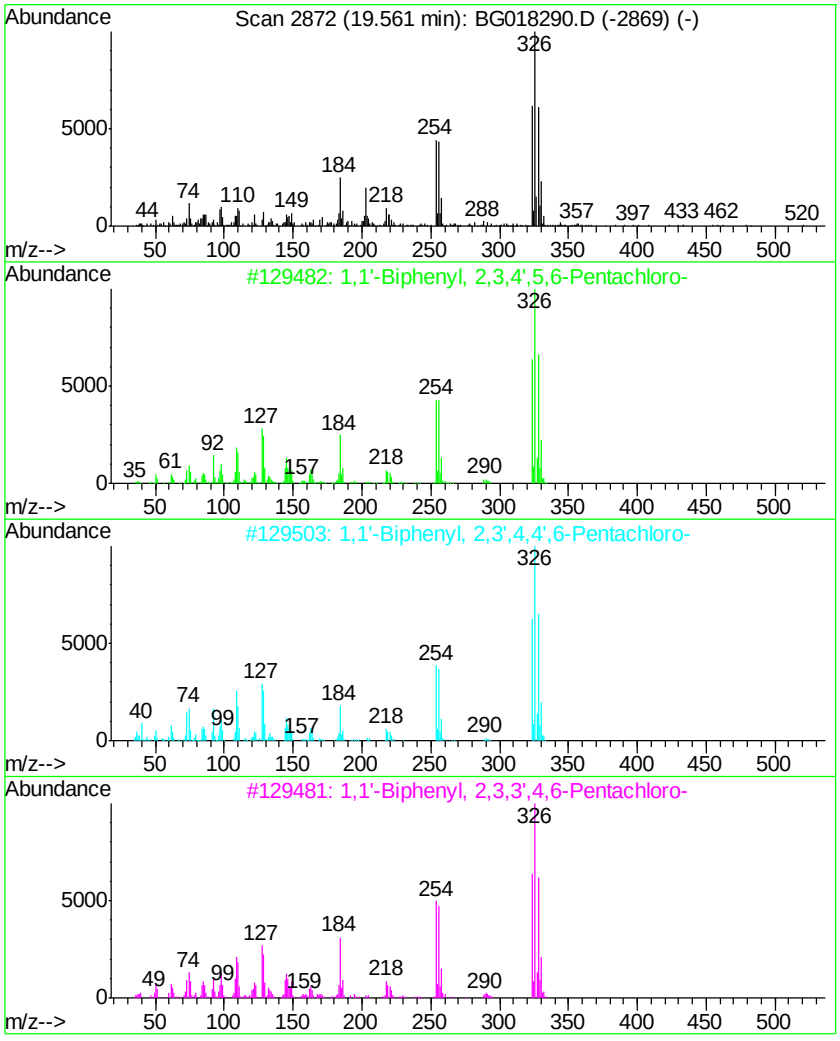
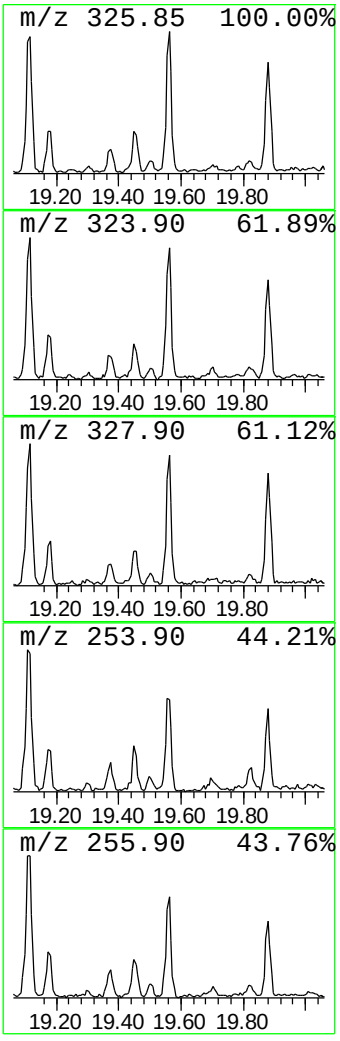
Peak Number 24 1,1'-Biphenyl, 2,3,4',5,6-P... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	5.90 ng/ul	444069	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96
2	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	96
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	96
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95





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Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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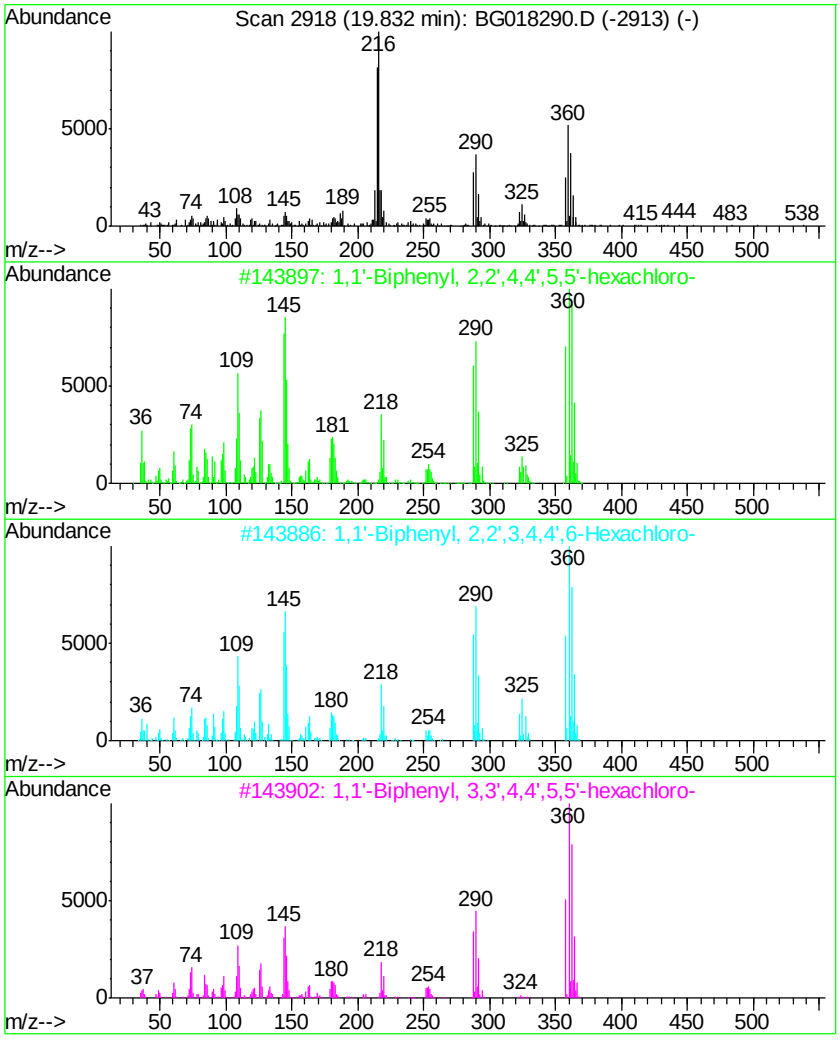
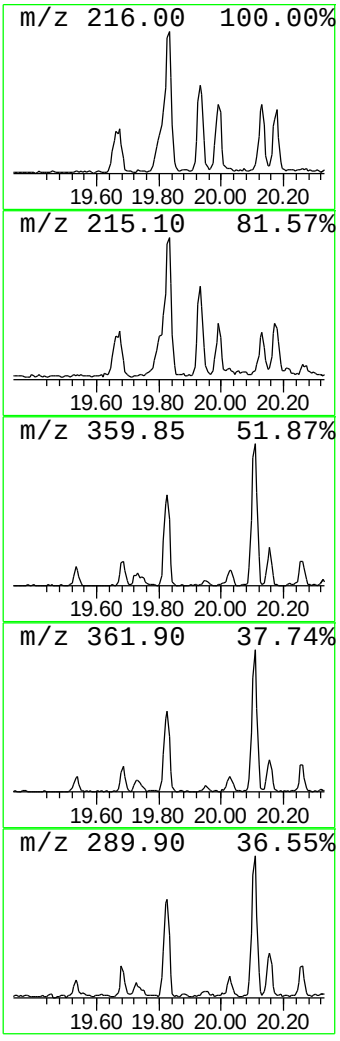
Peak Number 25 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	10.14 ng/ul	762783	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	93
2	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	93
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	93
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	93
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	93





Library Search Compound Report

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Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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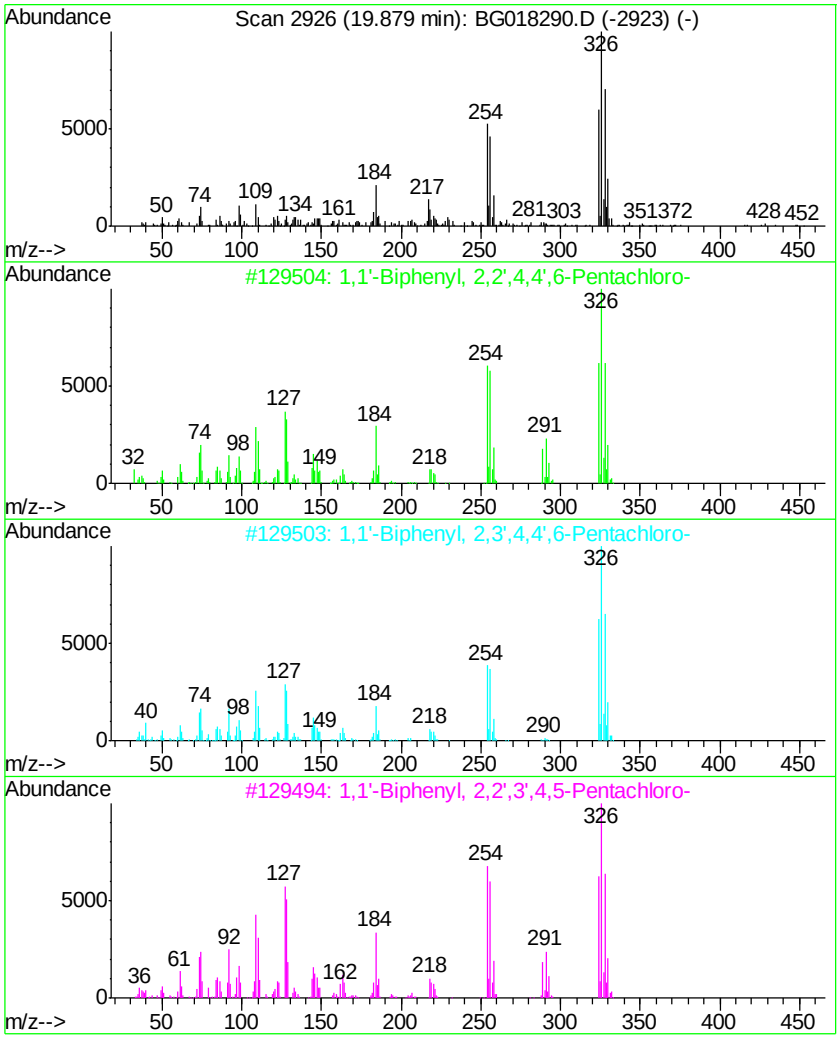
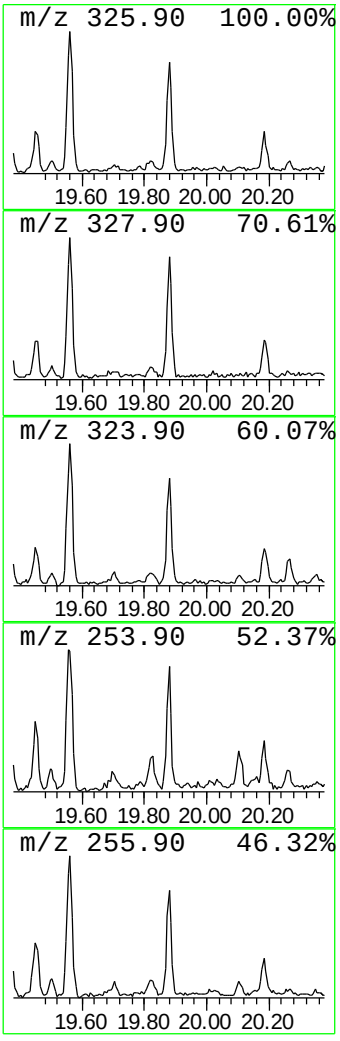
Peak Number 26 1,1'-Biphenyl, 2,2',4,4',6-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	3.17 ng/ul	238536	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95
2	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	95
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	94
4	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	94
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	94





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Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

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Quant Title : SVOA CALIBRATION

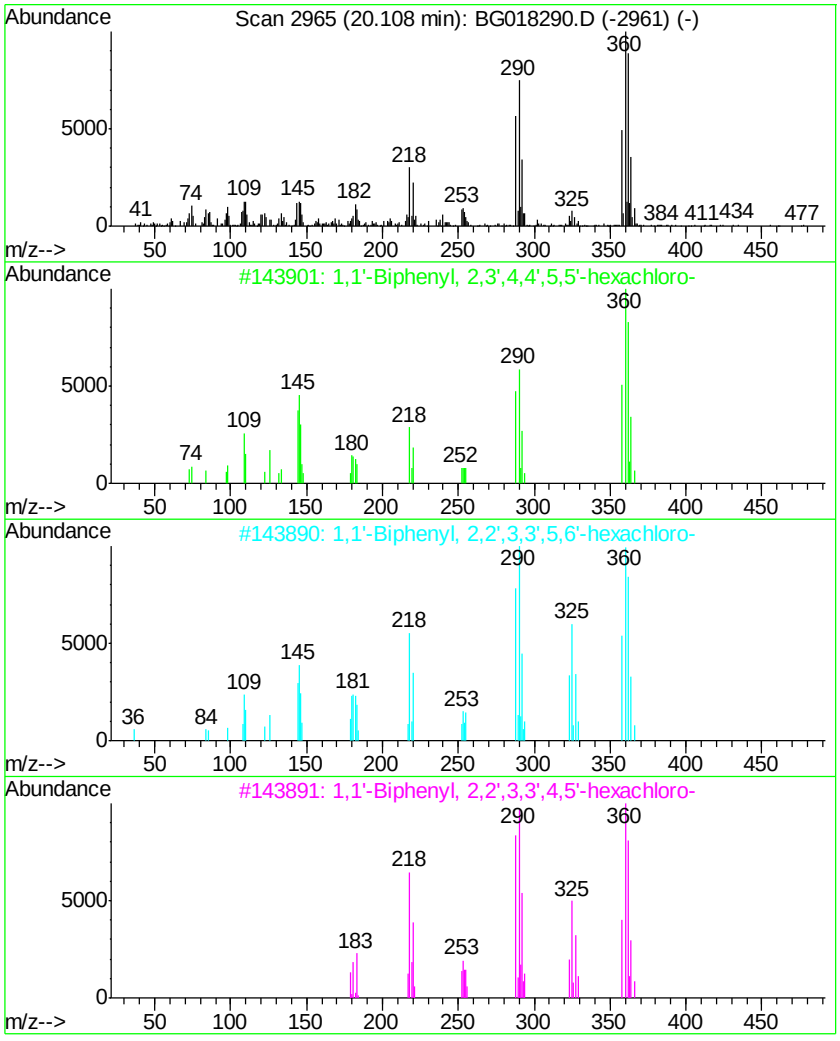
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

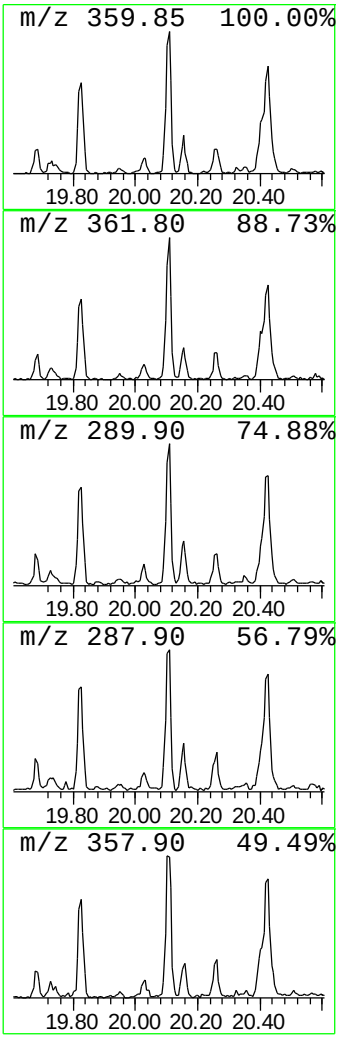
****

Peak Number 27 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	8.45 ng/ul	635589	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	97
2	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	96
3	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	96
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	95
5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	95





Library Search Compound Report

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Data File : BG018290.D
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Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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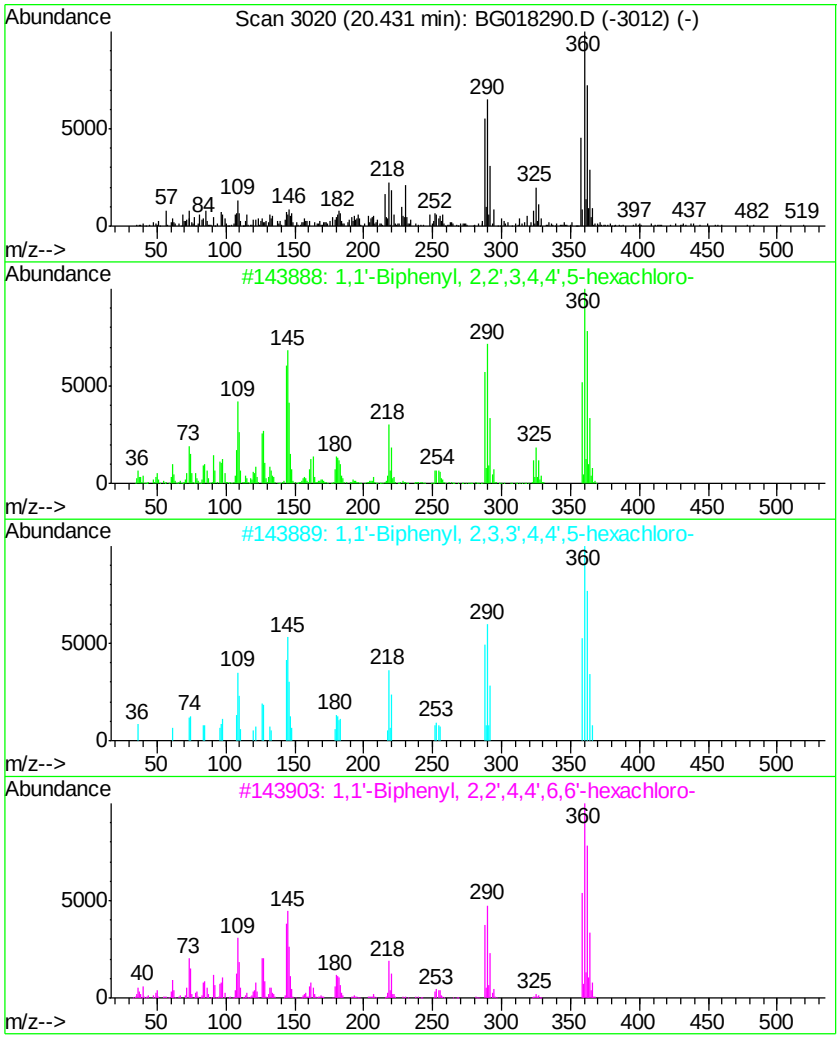
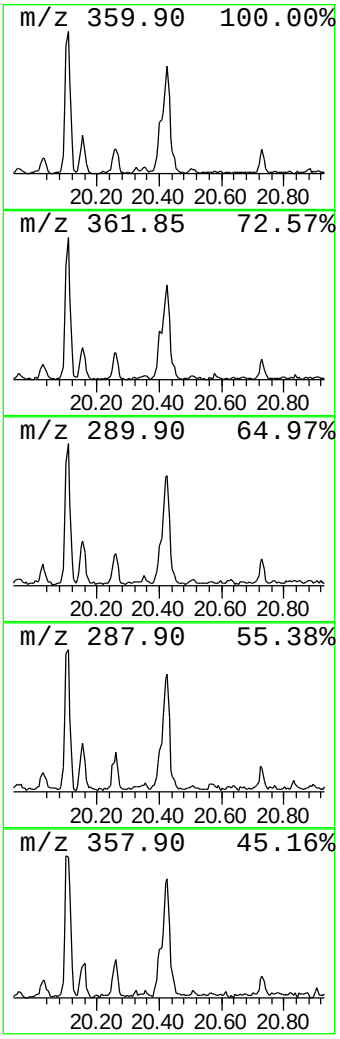
Peak Number 28 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	11.14 ng/ul	838424	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	97
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	96
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	95
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	95
5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	94





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 29 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	4.86 ng/ul	365704	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	95
2	1,1'-Biphenyl, 2,3,3',4',5,5',6-...	392	C12H3Cl7	069782-91-8	94
3	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	94
4	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	89
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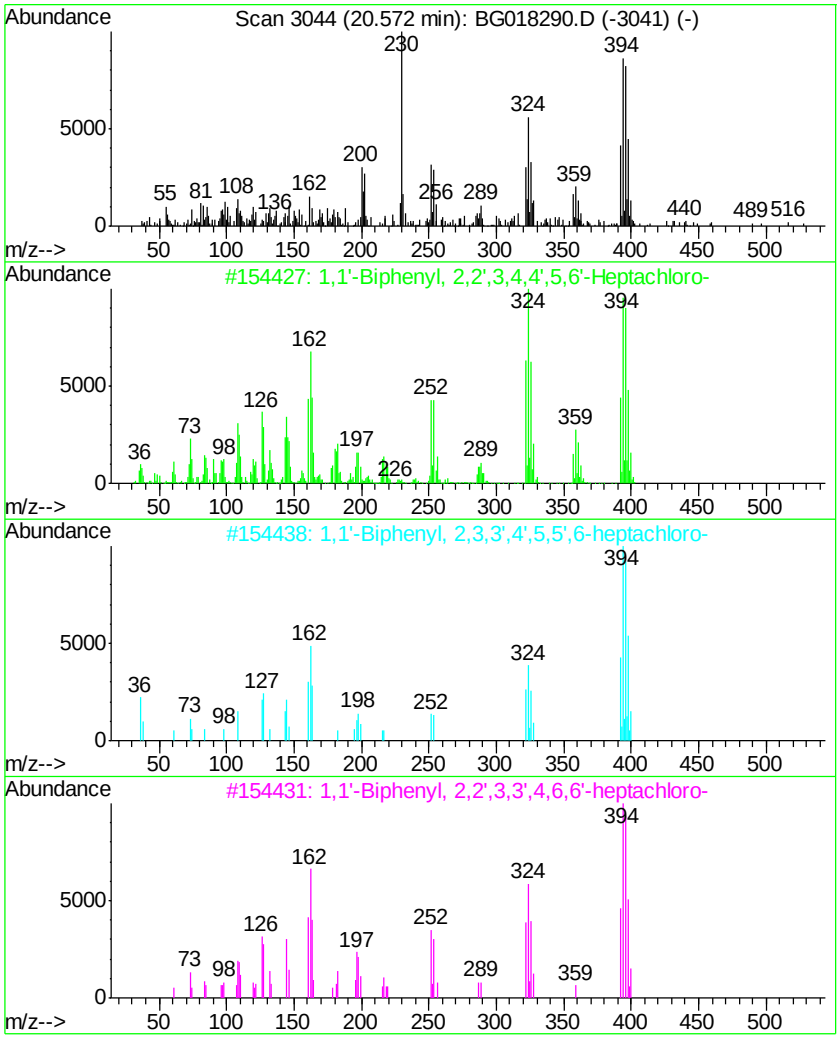

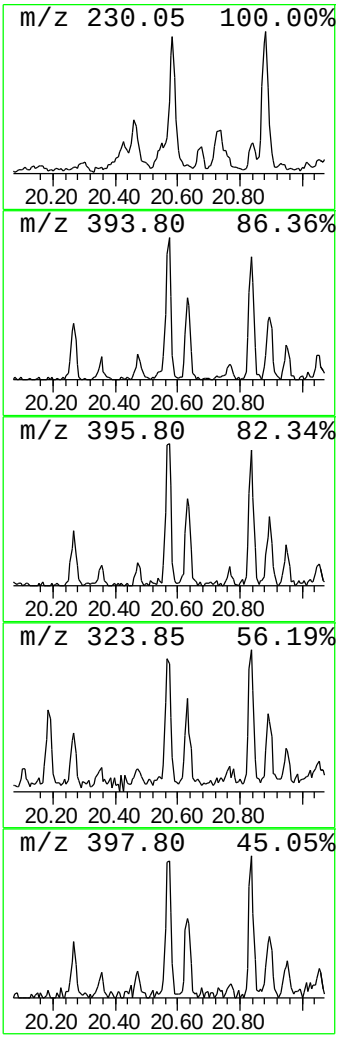

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Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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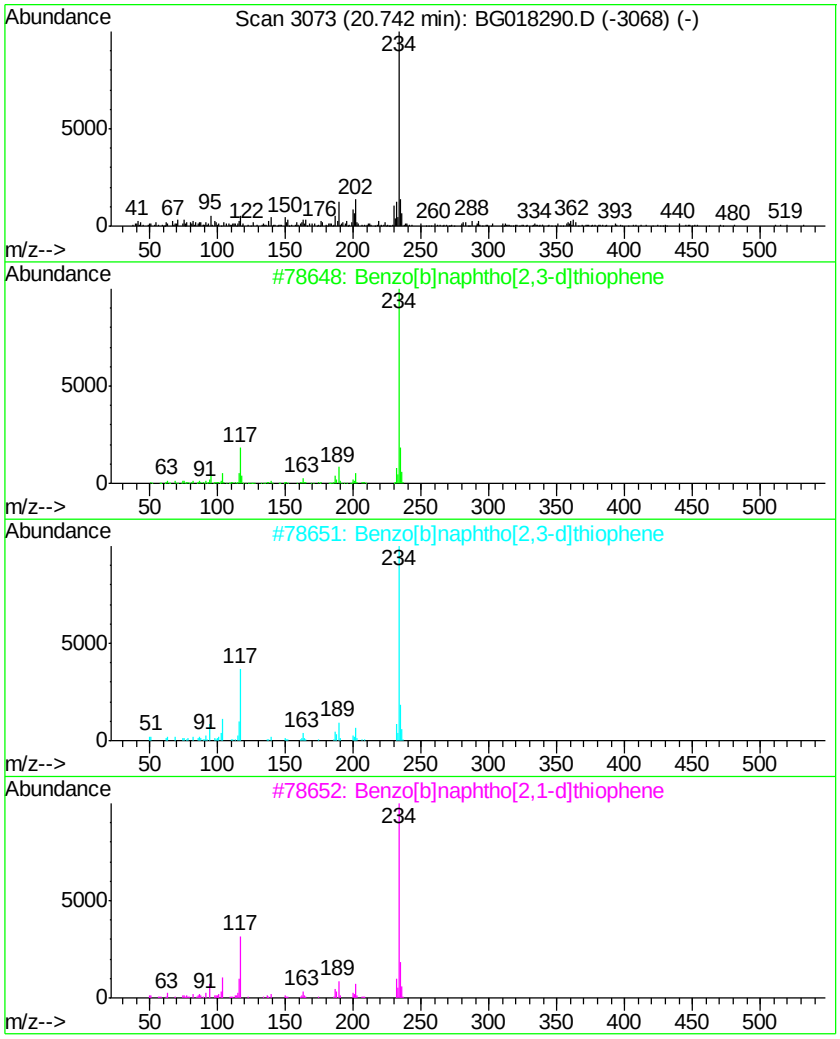
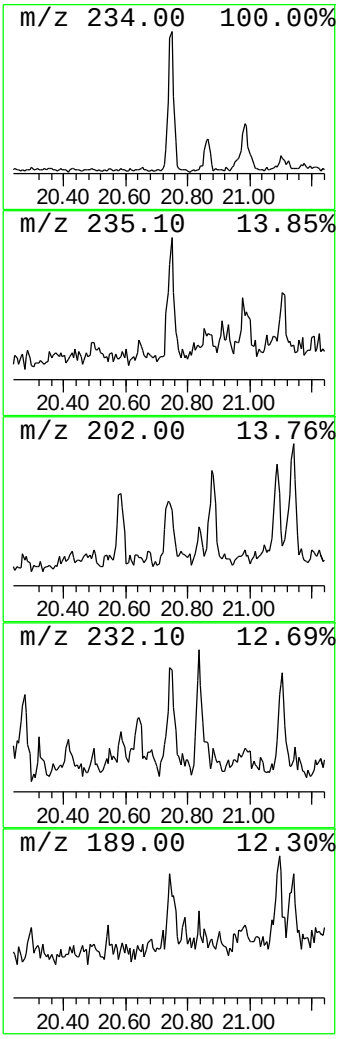
Peak Number 30 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	4.68 ng/ul	352098	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	72
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	62
5	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	53





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Data File : BG018290.D
Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

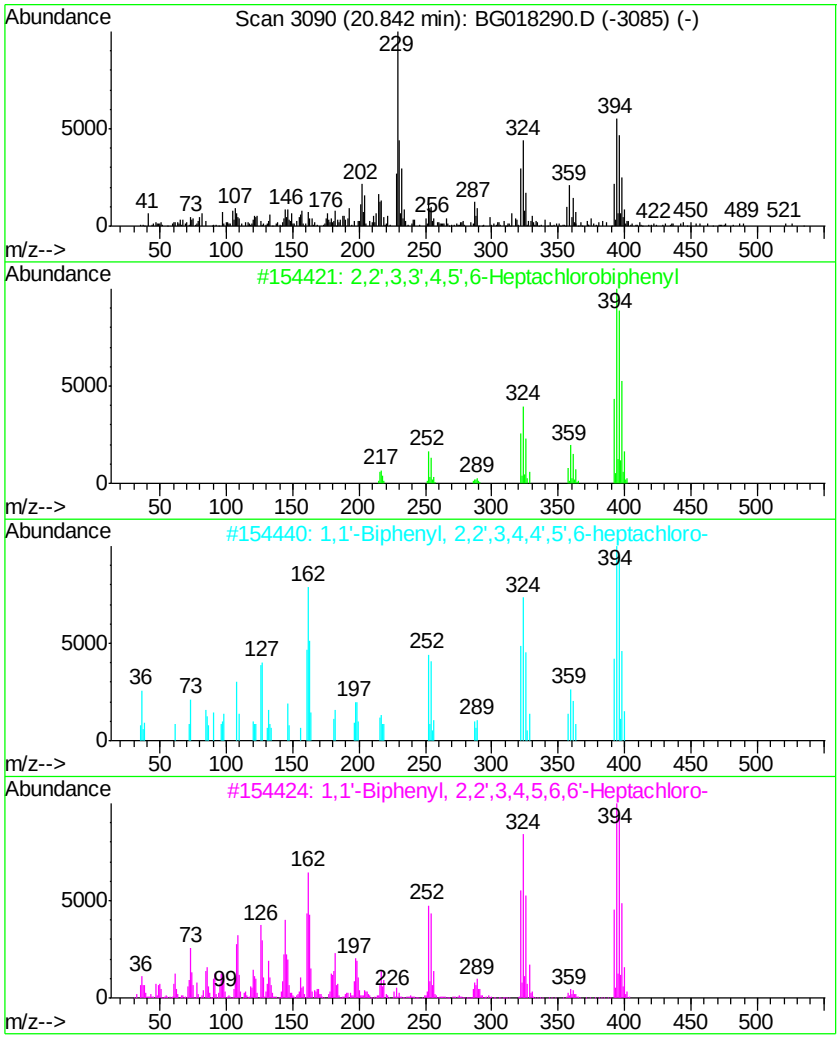
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

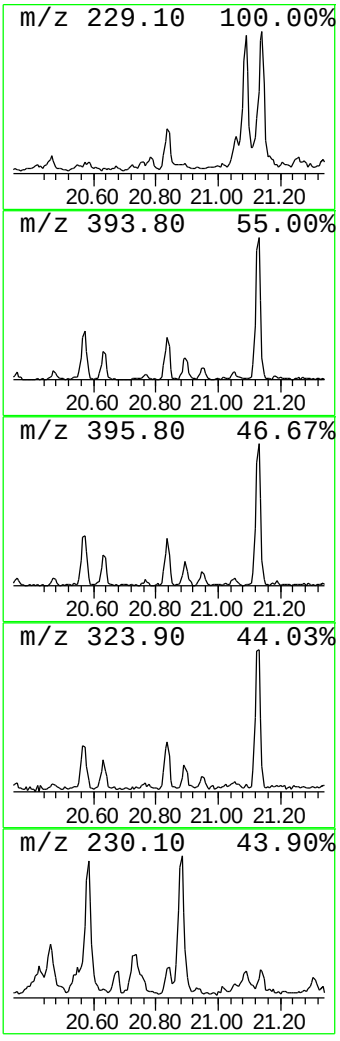
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	4.76 ng/ul	358080	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
3	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	90
4	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	86
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018290.D
Acq On : 6 Aug 2015 2:41
Operator : UM/TP
Sample : G3109-21RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F5RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.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
Benzene, 1,2,3-tr...	7.08	2.2	ng/ul	35000	1	7.43	323376	20.0
Naphthalene, 2,3-...	13.44	2.1	ng/ul	61339	3	14.12	585170	20.0
(DEL) Alkane: Str...	14.03	2.1	ng/ul	61334	3	14.12	585170	20.0
(DEL) Alkane: Str...	15.00	2.0	ng/ul	58912	3	14.12	585170	20.0
(DEL) Alkane: Str...	15.40	5.8	ng/ul	169088	3	14.12	585170	20.0
(DEL) Alkane: Str...	15.87	4.6	ng/ul	114212	4	16.88	493379	20.0
9H-Fluorene, 9-me...	16.24	2.1	ng/ul	52977	4	16.88	493379	20.0
9H-Fluoren-9-one	16.54	2.9	ng/ul	71970	4	16.88	493379	20.0
2-Propanol, 1-chl...	16.66	14.8	ng/ul	364010	4	16.88	493379	20.0
Dibenzothiophene	16.71	8.1	ng/ul	200466	4	16.88	493379	20.0
unknown-01	16.76	4.2	ng/ul	104316	4	16.88	493379	20.0
9-Acridinamine, 1...	17.47	3.6	ng/ul	89711	4	16.88	493379	20.0
Dibenzothiophene,...	17.61	4.6	ng/ul	112426	4	16.88	493379	20.0
Anthracene, 9-met...	17.76	5.9	ng/ul	144558	4	16.88	493379	20.0
Phenanthrene, 1-m...	17.81	15.6	ng/ul	385507	4	16.88	493379	20.0
unknown-02	17.96	25.8	ng/ul	635639	4	16.88	493379	20.0
1,1'-Biphenyl, 2,...	18.25	3.7	ng/ul	90370	4	16.88	493379	20.0
Anthracene, 1,4-d...	18.70	7.9	ng/ul	194228	4	16.88	493379	20.0
1,1'-Biphenyl, 3,...	18.80	4.4	ng/ul	107829	4	16.88	493379	20.0
1,1'-Biphenyl, 2,...	18.82	19.9	ng/ul	490598	4	16.88	493379	20.0
1,1'-Biphenyl, 2,...	19.17	2.0	ng/ul	153109	5	21.10	1505230	20.0
1,1'-Biphenyl, 2,...	19.56	5.9	ng/ul	444069	5	21.10	1505230	20.0
1,1'-Biphenyl, 2,...	19.83	10.1	ng/ul	762783	5	21.10	1505230	20.0
1,1'-Biphenyl, 2,...	19.88	3.2	ng/ul	238536	5	21.10	1505230	20.0
1,1'-Biphenyl, 2,...	20.11	8.4	ng/ul	635589	5	21.10	1505230	20.0
1,1'-Biphenyl, 2,...	20.43	11.1	ng/ul	838424	5	21.10	1505230	20.0
1,1'-Biphenyl, 2,...	20.57	4.9	ng/ul	365704	5	21.10	1505230	20.0
Benzo[b]naphtho[2...	20.74	4.7	ng/ul	352098	5	21.10	1505230	20.0
2,2',3,3',4,5',6-...	20.84	4.8	ng/ul	358080	5	21.10	1505230	20.0