LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016192.D
Acq On : 28 Mar 2015 1:15
Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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\SOM01.2-EPA-BG031715.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	2.937	36	42	50	rBV	119097	230585	2.63%	0.204%
2	3.014	50	55	61	rVB	197527	265555	3.03%	0.235%
3	4.012	219	225	235	rVB	438477	636875	7.26%	0.563%
4	7.795	862	869	877	rBV	270480	433264	4.94%	0.383%
5	10.198	1266	1278	1287	rVB	125777	220879	2.52%	0.195%
6	10.580	1332	1343	1347	rBV	410999	785268	8.96%	0.694%
7	10.627	1347	1351	1358	rVB	471478	782863	8.93%	0.692%
8	10.715	1358	1366	1376	rBV3	87692	229239	2.61%	0.203%
9	11.996	1575	1584	1595	rBV	215447	369015	4.21%	0.326%
10	12.237	1616	1625	1633	rVB	507217	867730	9.90%	0.767%
11	12.460	1656	1663	1673	rVB	330384	575048	6.56%	0.508%
12	12.953	1743	1747	1753	rVB2	193574	276269	3.15%	0.244%
13	13.241	1791	1796	1804	rVB2	584724	901248	10.28%	0.797%
14	13.582	1847	1854	1855	rBV	246154	374298	4.27%	0.331%
15	13.740	1875	1881	1886	rBV	374590	678425	7.74%	0.600%
16	13.793	1886	1890	1893	rVV	292596	478105	5.45%	0.423%
17	13.823	1893	1895	1900	rVV	211862	294334	3.36%	0.260%
18	13.899	1905	1908	1912	rVV	382155	474334	5.41%	0.419%
19	13.975	1918	1921	1924	rVV	182555	265448	3.03%	0.235%
20	14.110	1939	1944	1947	rBV	283215	411992	4.70%	0.364%
21	14.316	1974	1979	1984	rBV	929165	1243033	14.18%	1.099%
22	14.392	1987	1992	1993	rVV2	231363	327258	3.73%	0.289%
23	14.416	1993	1996	2002	rVV2	598151	960190	10.95%	0.849%
24	14.481	2002	2007	2015	rVV	1100352	1777819	20.28%	1.572%
25	14.627	2027	2032	2040	rVB2	190218	488596	5.57%	0.432%
26	14.733	2041	2050	2051	rBV4	85562	226617	2.58%	0.200%
27	14.815	2059	2064	2070	rVV	1126137	1677645	19.13%	1.483%
28	14.892	2070	2077	2080	rVV2	235562	453434	5.17%	0.401%
29	14.933	2080	2084	2092	rVB4	258500	438239	5.00%	0.387%
30	15.033	2098	2101	2106	rVV	180602	282514	3.22%	0.250%
31	15.086	2106	2110	2115	rVB	178627	238116	2.72%	0.211%
32	15.268	2133	2141	2145	rVB	1191897	1648082	18.80%	1.457%
33	15.409	2161	2165	2169	rVB	287898	388623	4.43%	0.344%
34	15.462	2169	2174	2179	rBV	1243238	1883042	21.48%	1.665%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016192.D
Acq On : 28 Mar 2015 1:15
Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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\SOM01.2-EPA-BG031715.M
Title : SVOA CALIBRATION

35	15.626	2198	2202	2205	rBV3	193451	298268	3.40%	0.264%
36	15.673	2205	2210	2214	rVV	601439	936565	10.68%	0.828%
37	15.755	2220	2224	2231	rVB2	379094	639695	7.30%	0.566%
38	15.820	2231	2235	2241	rBV4	148375	302495	3.45%	0.267%
39	15.902	2242	2249	2256	rVB3	292032	836675	9.54%	0.740%
40	16.125	2282	2287	2290	rBV	1456893	2312824	26.38%	2.045%
41	16.466	2341	2345	2349	rVB2	252244	316863	3.61%	0.280%
42	16.730	2387	2390	2394	rVB2	191044	229725	2.62%	0.203%
43	16.813	2400	2404	2411	rVB	258038	395836	4.51%	0.350%
44	16.913	2414	2421	2426	rVV2	1160565	1755547	20.02%	1.552%
45	16.971	2426	2431	2441	rVB2	789248	1455373	16.60%	1.287%
46	17.159	2458	2463	2466	rBV	654040	1013465	11.56%	0.896%
47	17.212	2466	2472	2477	rVV	4975411	7943185	90.59%	7.022%
48	17.259	2477	2480	2482	rVV2	462646	624956	7.13%	0.552%
49	17.294	2482	2486	2491	rVB	1814260	2603809	29.70%	2.302%
50	17.341	2491	2494	2499	rBV3	152425	227532	2.60%	0.201%
51	17.535	2521	2527	2528	rBV3	126823	225437	2.57%	0.199%
52	17.565	2528	2532	2538	rVV	682228	1075232	12.26%	0.951%
53	17.653	2542	2547	2556	rVV2	819795	1225977	13.98%	1.084%
54	17.735	2558	2561	2569	rVB5	167791	317410	3.62%	0.281%
55	18.035	2607	2612	2616	rBV	627745	861844	9.83%	0.762%
56	18.082	2616	2620	2628	rVB	992079	1411659	16.10%	1.248%
57	18.164	2629	2634	2639	rBV	448450	630275	7.19%	0.557%
58	18.234	2639	2646	2649	rVV3	1109621	1911622	21.80%	1.690%
59	18.264	2649	2651	2656	rVB2	417491	472404	5.39%	0.418%
60	18.346	2660	2665	2668	rBV2	553070	705711	8.05%	0.624%
61	18.534	2692	2697	2701	rBV	449898	623148	7.11%	0.551%
62	18.575	2701	2704	2715	rVB2	211053	332155	3.79%	0.294%
63	18.951	2763	2768	2770	rBV	323468	493462	5.63%	0.436%
64	18.974	2770	2772	2776	rVV	335730	379340	4.33%	0.335%
65	19.098	2789	2793	2799	rVB2	262074	402501	4.59%	0.356%
66	19.227	2807	2815	2820	rBV	5484250	8768033	100.00%	7.751%
67	19.315	2827	2830	2834	rVB	198036	241258	2.75%	0.213%
68	19.462	2852	2855	2858	rVB	178066	233660	2.66%	0.207%
69	19.556	2865	2871	2872	rBV	1899023	2567733	29.29%	2.270%
70	19.585	2872	2876	2883	rVV	4579079	7689096	87.69%	6.797%
71	19.650	2883	2887	2894	rVB2	356539	538911	6.15%	0.476%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016192.D
Acq On : 28 Mar 2015 1:15
Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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\SOM01.2-EPA-BG031715.M
Title : SVOA CALIBRATION

72	19.756	2901	2905	2911	rVB	375838	539300	6.15%	0.477%
73	19.820	2911	2916	2920	rVB	403717	570918	6.51%	0.505%
74	19.897	2924	2929	2936	rBV3	403134	987811	11.27%	0.873%
75	20.032	2948	2952	2954	rBV3	243407	384557	4.39%	0.340%
76	20.073	2955	2959	2964	rVB	1242243	1770141	20.19%	1.565%
77	20.173	2971	2976	2980	rBV	1044668	1325267	15.11%	1.172%
78	20.232	2980	2986	2990	rVV2	503911	898948	10.25%	0.795%
79	20.373	3006	3010	3013	rBV	224759	324320	3.70%	0.287%
80	20.414	3014	3017	3021	rVB	250515	293202	3.34%	0.259%
81	20.578	3042	3045	3049	rBV2	203226	264520	3.02%	0.234%
82	20.772	3075	3078	3082	rBV	196085	326457	3.72%	0.289%
83	20.813	3082	3085	3092	rVB	323431	523071	5.97%	0.462%
84	20.983	3111	3114	3117	rVB2	292316	313193	3.57%	0.277%
85	21.019	3117	3120	3122	rBV	473142	539018	6.15%	0.477%
86	21.113	3133	3136	3143	rVB	303117	437481	4.99%	0.387%
87	21.324	3163	3172	3177	rBV3	3932815	7016485	80.02%	6.203%
88	21.371	3177	3180	3190	rVB	2771240	3979128	45.38%	3.518%
89	21.489	3195	3200	3205	rVB2	821280	1208780	13.79%	1.069%
90	21.647	3223	3227	3232	rVB2	450863	659735	7.52%	0.583%
91	21.888	3265	3268	3271	rVB	374781	408665	4.66%	0.361%
92	22.047	3292	3295	3299	rVB2	319294	379800	4.33%	0.336%
93	22.188	3315	3319	3328	rVB4	305087	571702	6.52%	0.505%
94	22.387	3350	3353	3357	rBV3	237334	301179	3.43%	0.266%
95	22.946	3442	3448	3452	rBV	1773494	4010189	45.74%	3.545%
96	23.110	3472	3476	3482	rVB	557453	958384	10.93%	0.847%
97	23.433	3526	3531	3537	rBV	1152806	2201166	25.10%	1.946%
98	23.539	3543	3549	3555	rVB	2082752	3879418	44.25%	3.430%
99	23.686	3570	3574	3581	rVB2	668031	1294735	14.77%	1.145%
100	25.988	3959	3966	3979	rVB	697563	2166816	24.71%	1.916%

Sum of corrected areas: 113118049

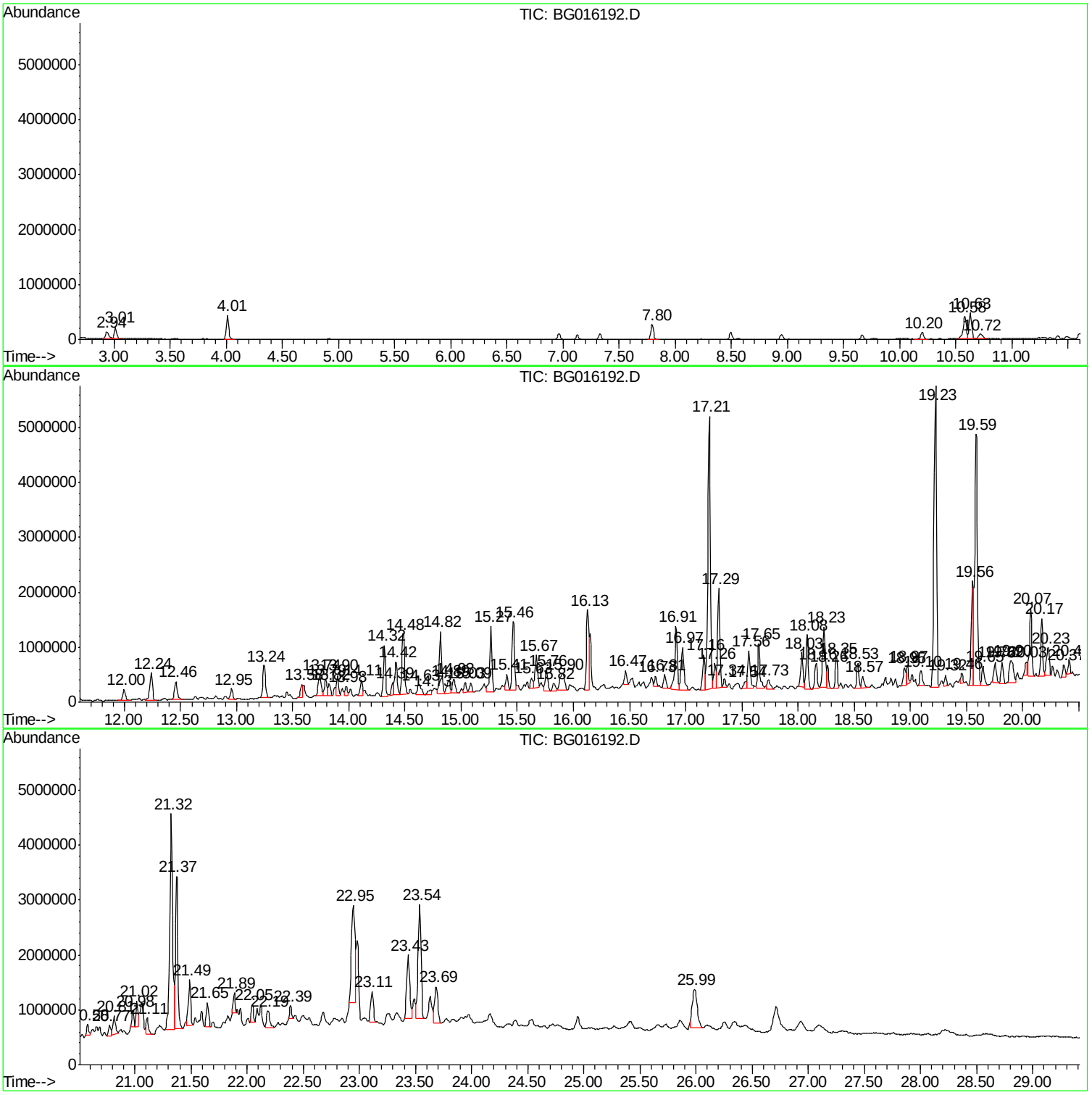
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016192.D
Acq On : 28 Mar 2015 1:15
Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016192.D
Acq On : 28 Mar 2015 1:15
Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

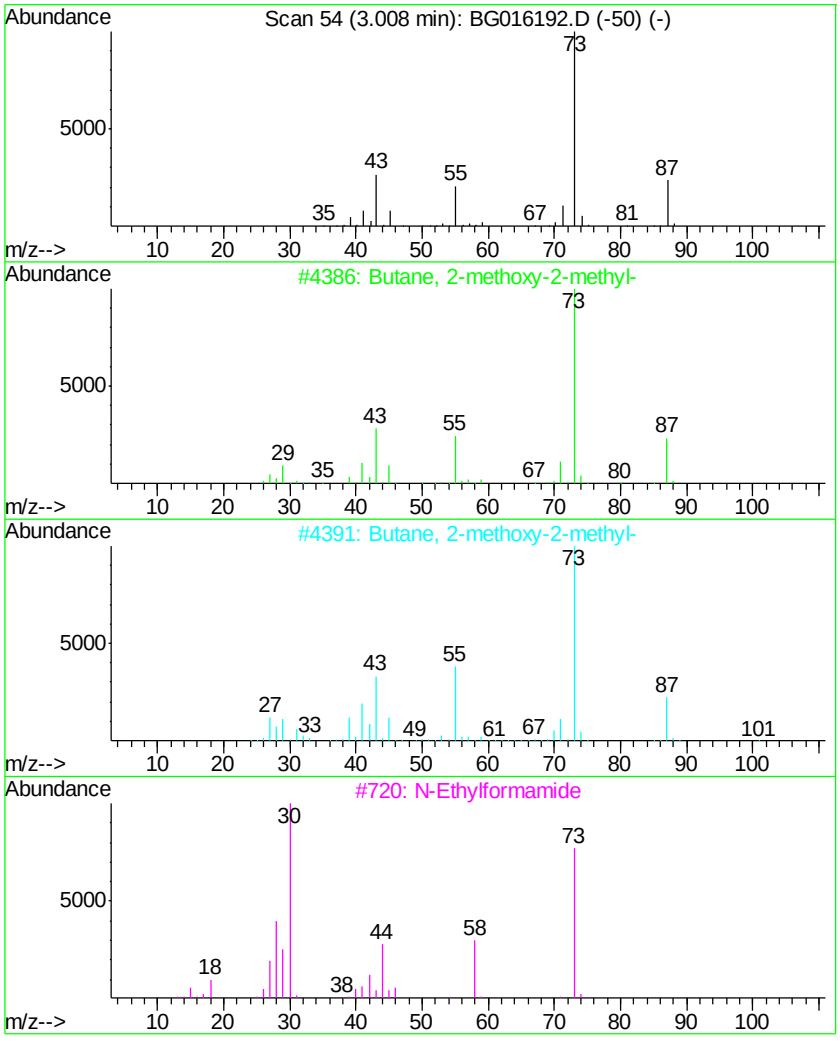
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

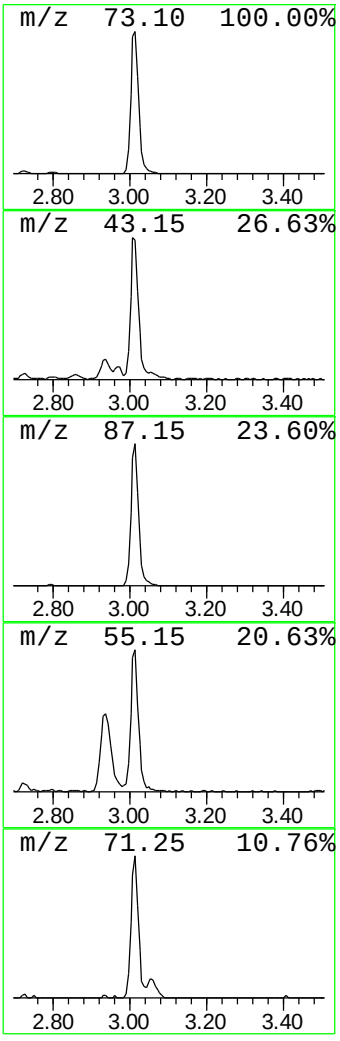
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	12.26 ng/ul	265555	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016192.D
Acq On : 28 Mar 2015 1:15
Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

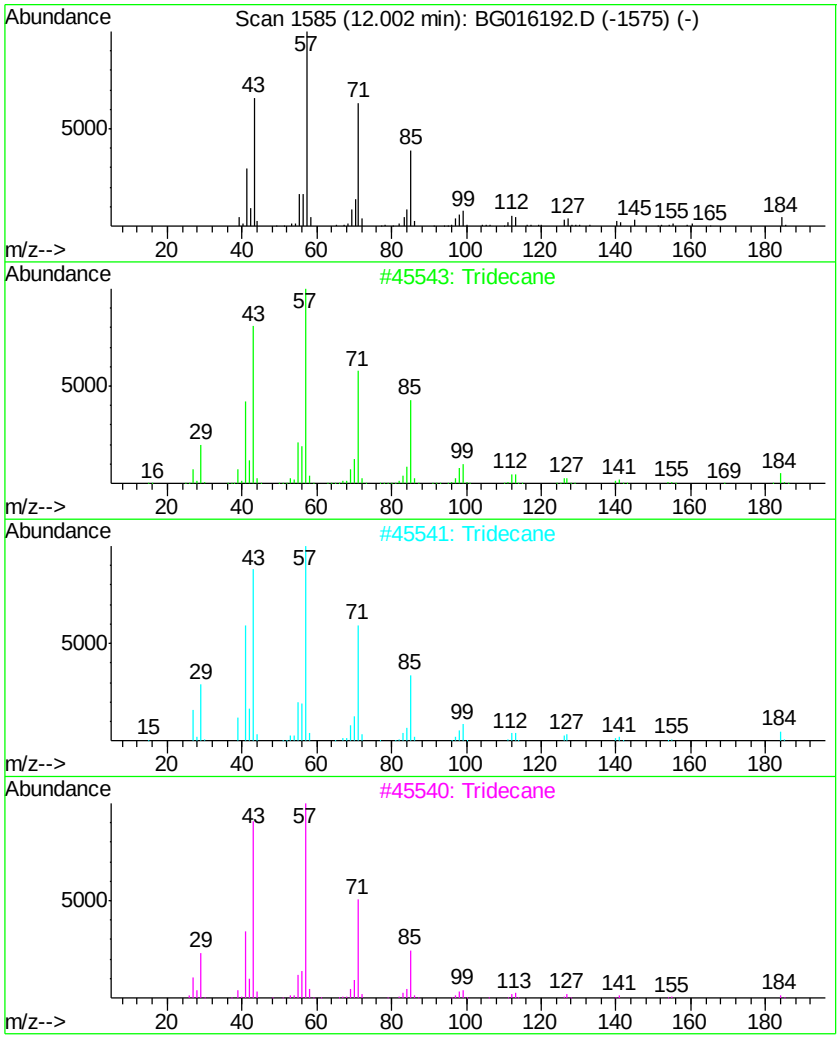
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

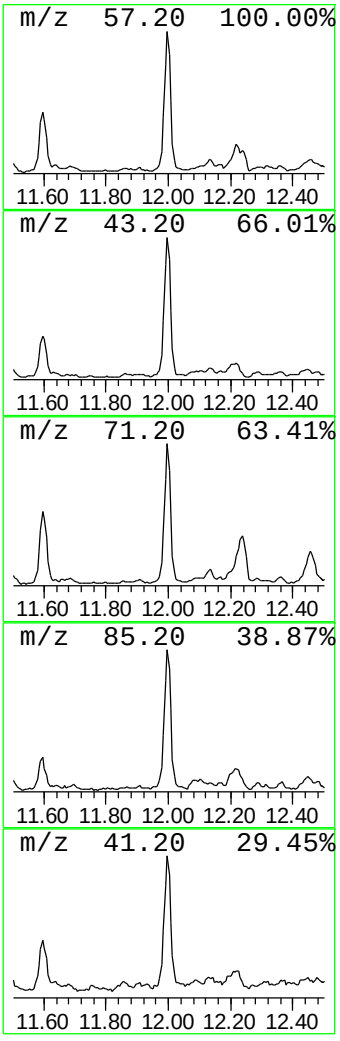
****

Peak Number 4 (DEL) Alkane: Straight-Chain Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	9.40 ng/ul	369015	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Dodecane	170	C12H26	000112-40-3	86
5	Dodecane	170	C12H26	000112-40-3	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016192.D
Acq On : 28 Mar 2015 1:15
Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

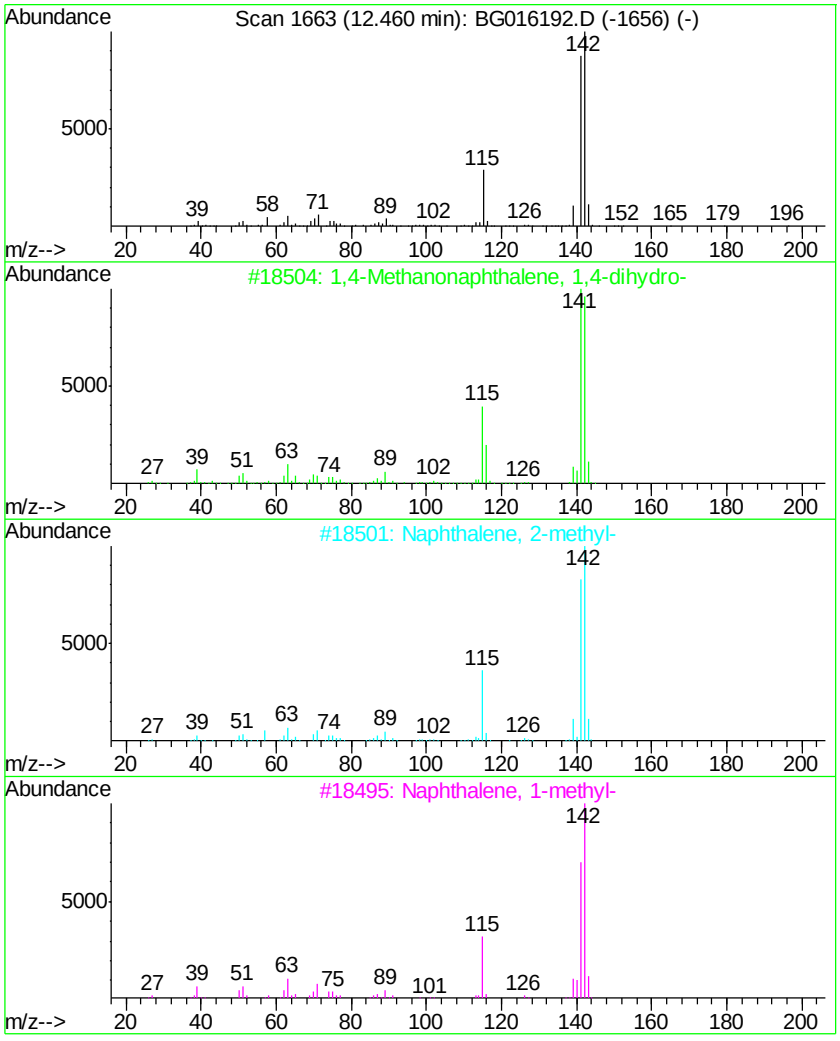
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

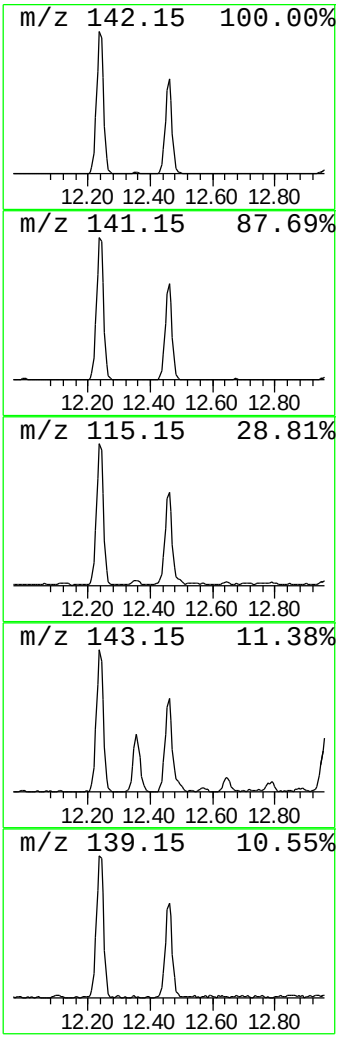
****

Peak Number 5 1,4-Methanonaphthalene, 1,4... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	14.65 ng/ul	575048	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016192.D
Acq On : 28 Mar 2015 1:15
Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

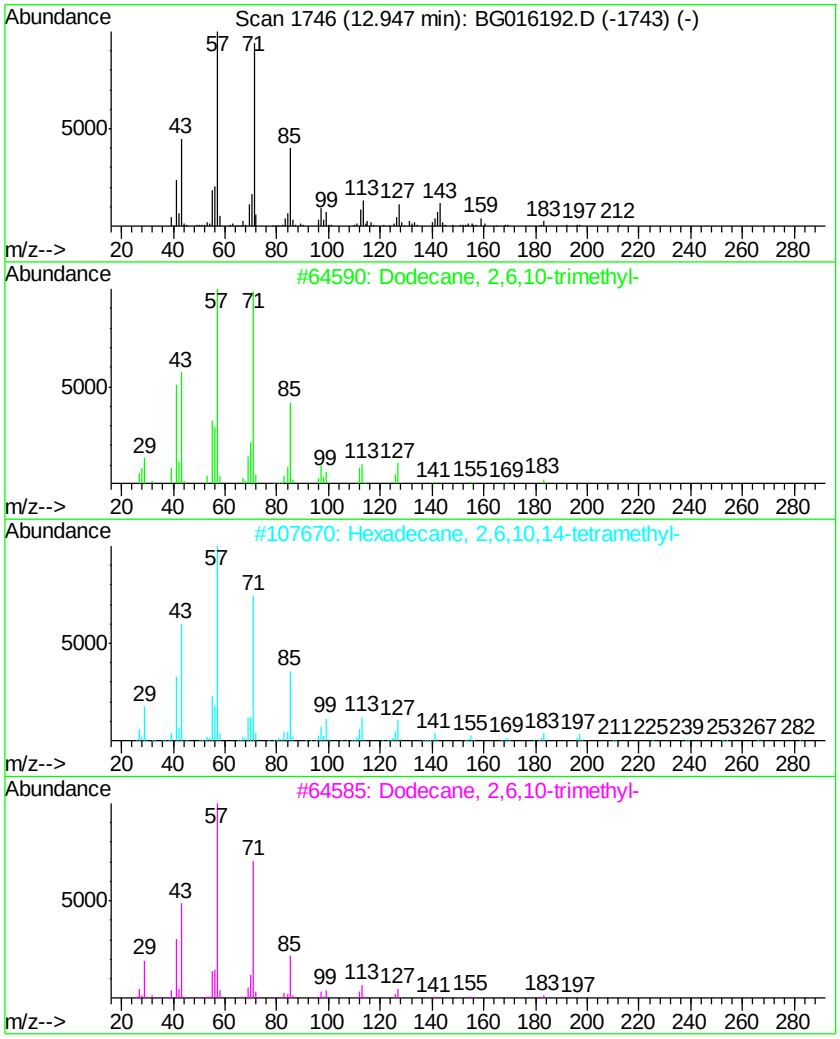
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

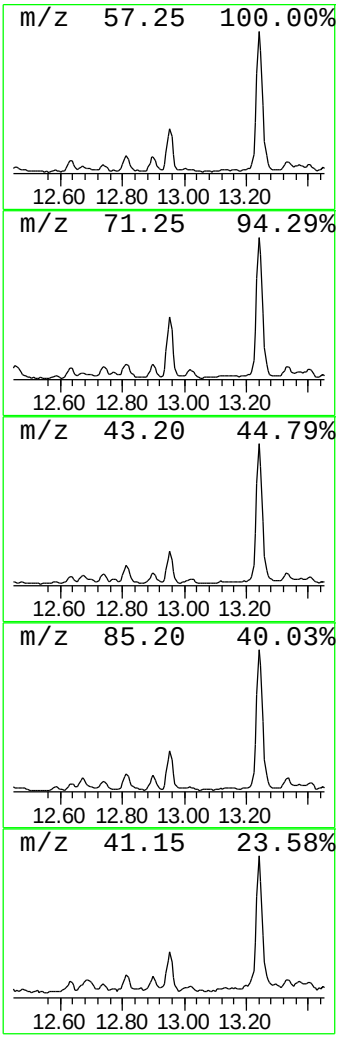
****

Peak Number 6 (DEL) Alkane: Straight-Chain Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	5.75 ng/ul	276269	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016192.D
Acq On : 28 Mar 2015 1:15
Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

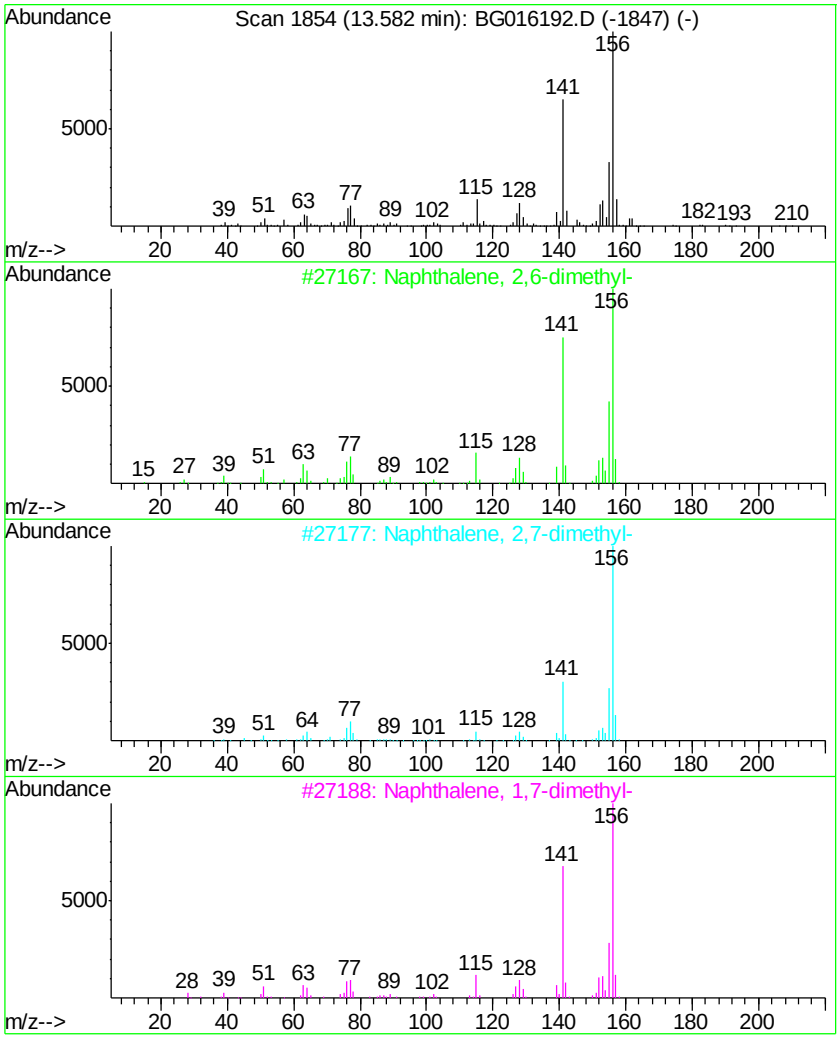
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

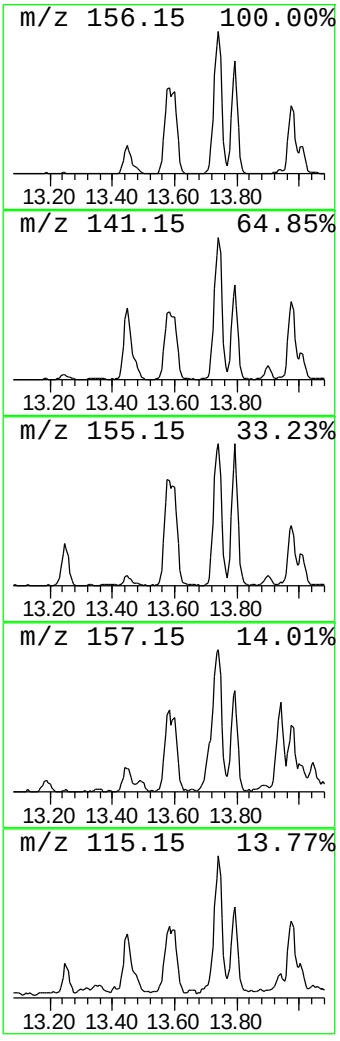
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	7.80 ng/ul	374298	Acenaphthene-d10	14.42

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





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Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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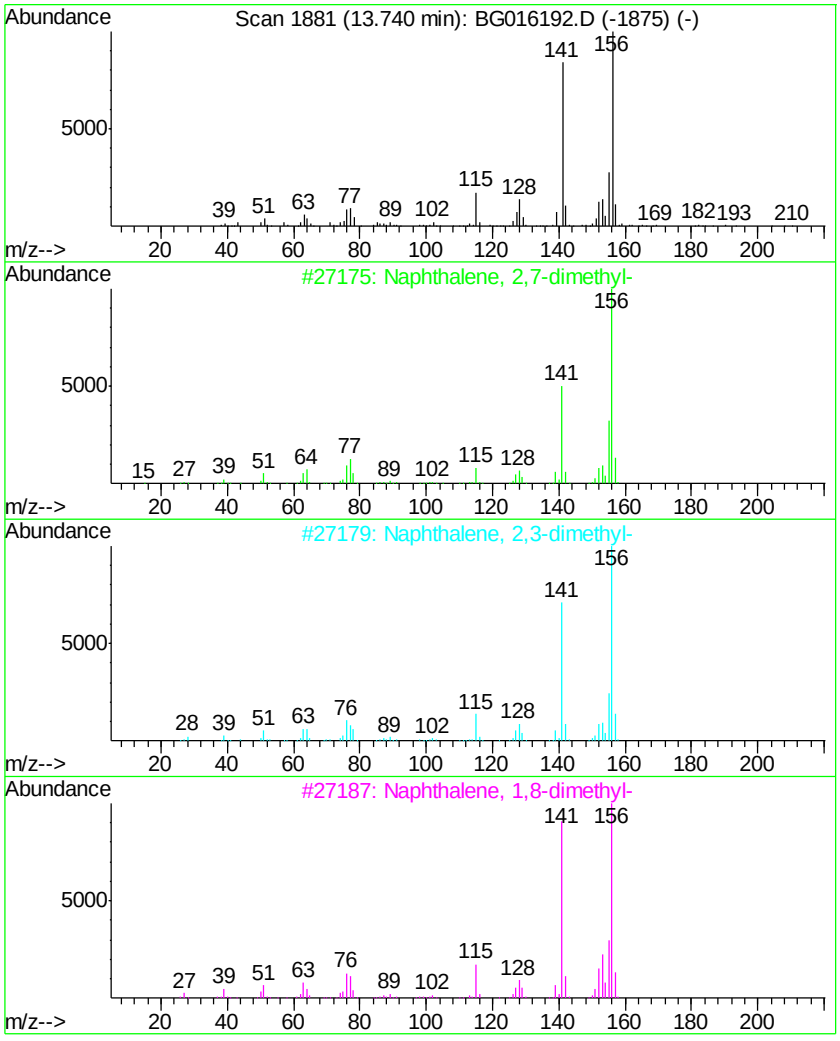
Quant Title : SVOA CALIBRATION

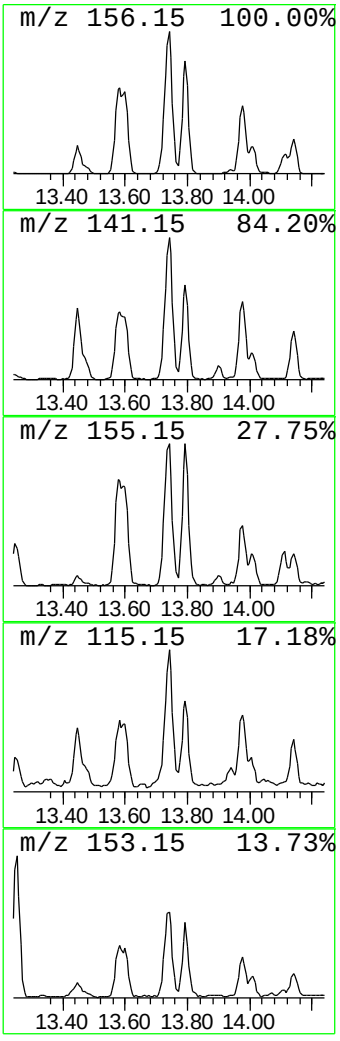
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	14.13 ng/ul	678425	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

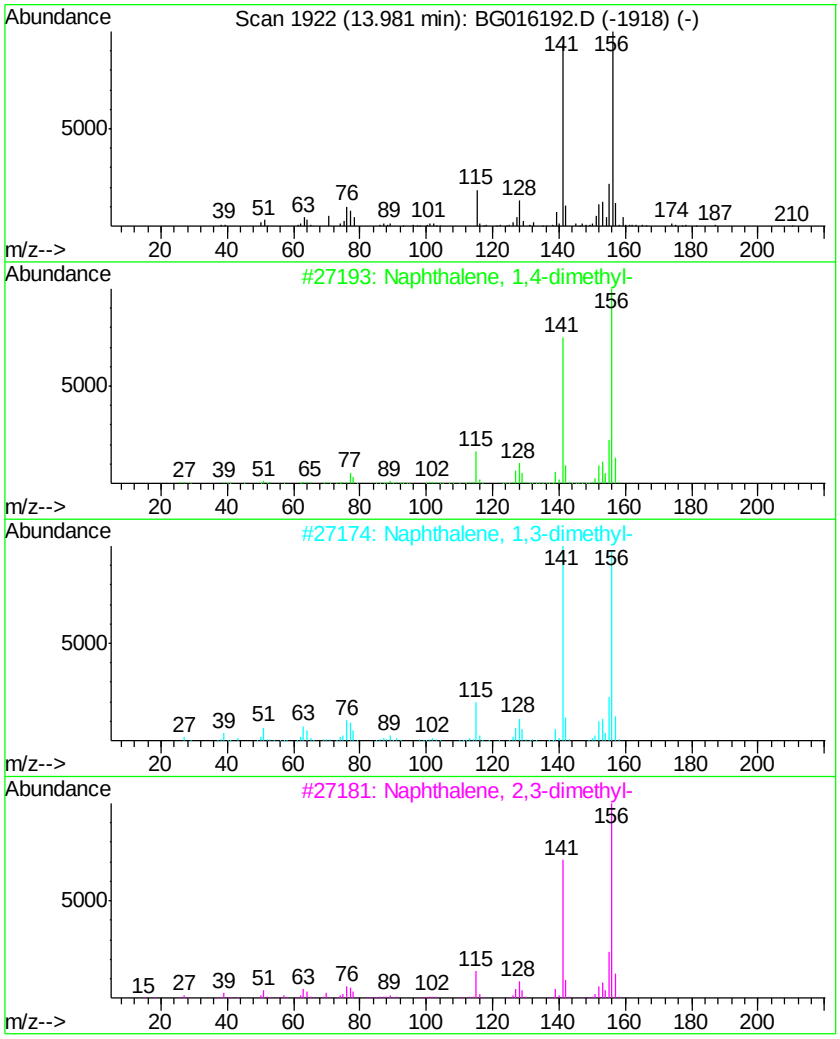
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

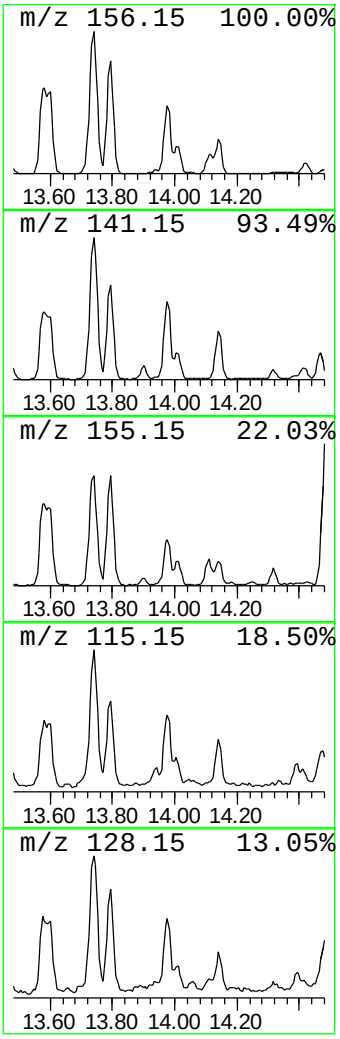
****

Peak Number 9 Naphthalene, 1,4-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	5.53 ng/ul	265448	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Sample : G1647-07 2X
Misc :
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Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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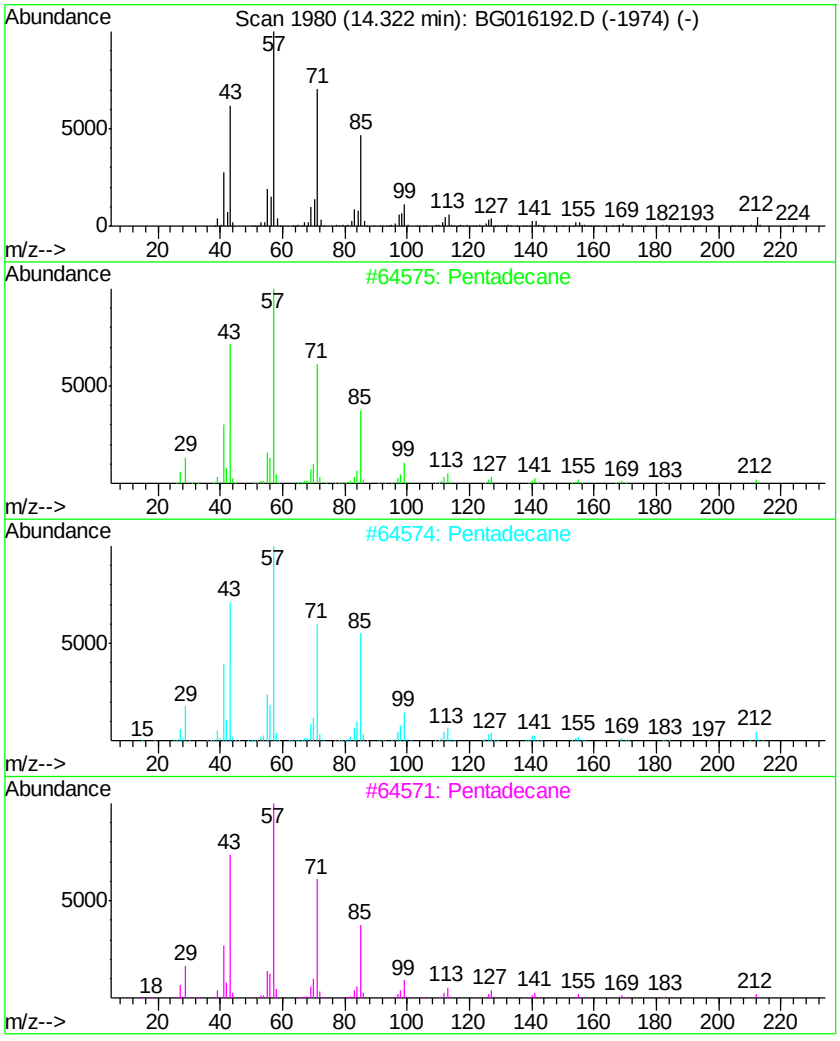
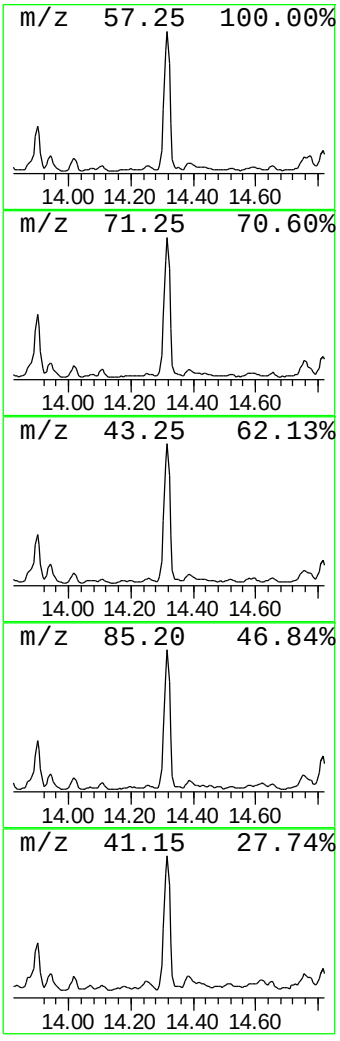
Peak Number 10 (DEL) Alkane: Straight-Chain Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	25.89 ng/ul	1243030	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	98
2	Pentadecane	212	C15H32	000629-62-9	97
3	Pentadecane	212	C15H32	000629-62-9	97
4	Pentadecane	212	C15H32	000629-62-9	92
5	Tetradecane	198	C14H30	000629-59-4	91





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Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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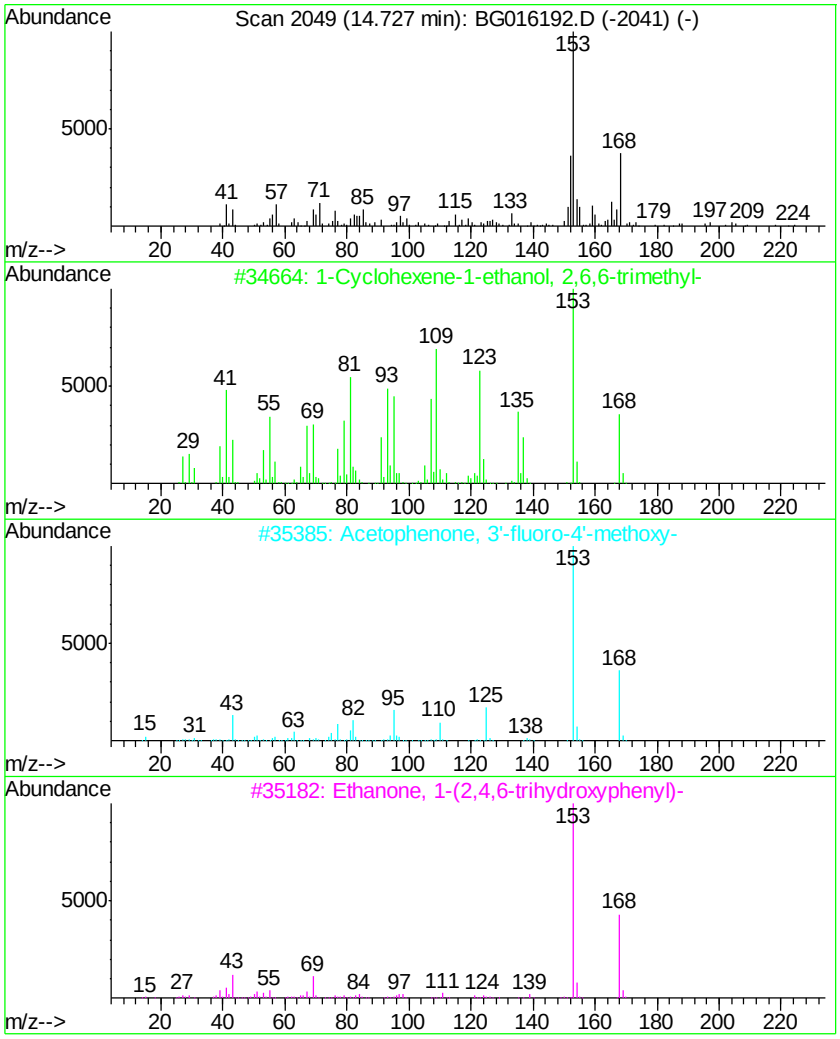
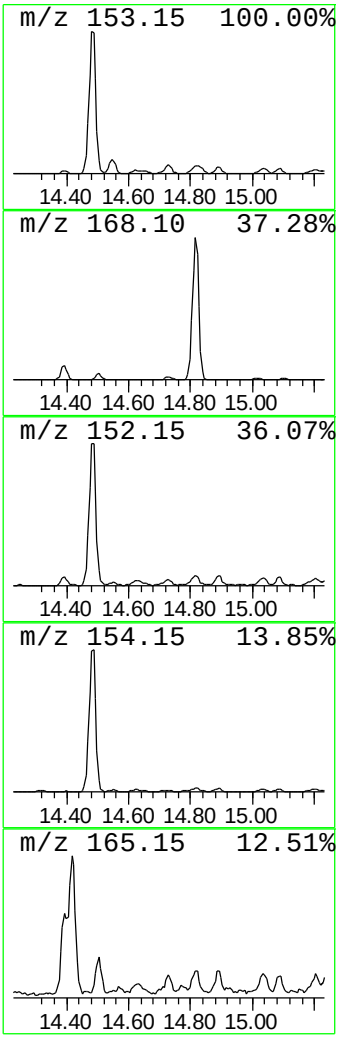
Peak Number 11 unknown-01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	4.72 ng/ul	226617	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene-1-ethanol, 2,6,6-t...	168	C11H20O	000472-65-1	49
2	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	47
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
4	2-Fluoro-4-methoxyacetophenone	168	C9H9FO2	074457-86-6	47
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47





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Acq On : 28 Mar 2015 1:15
Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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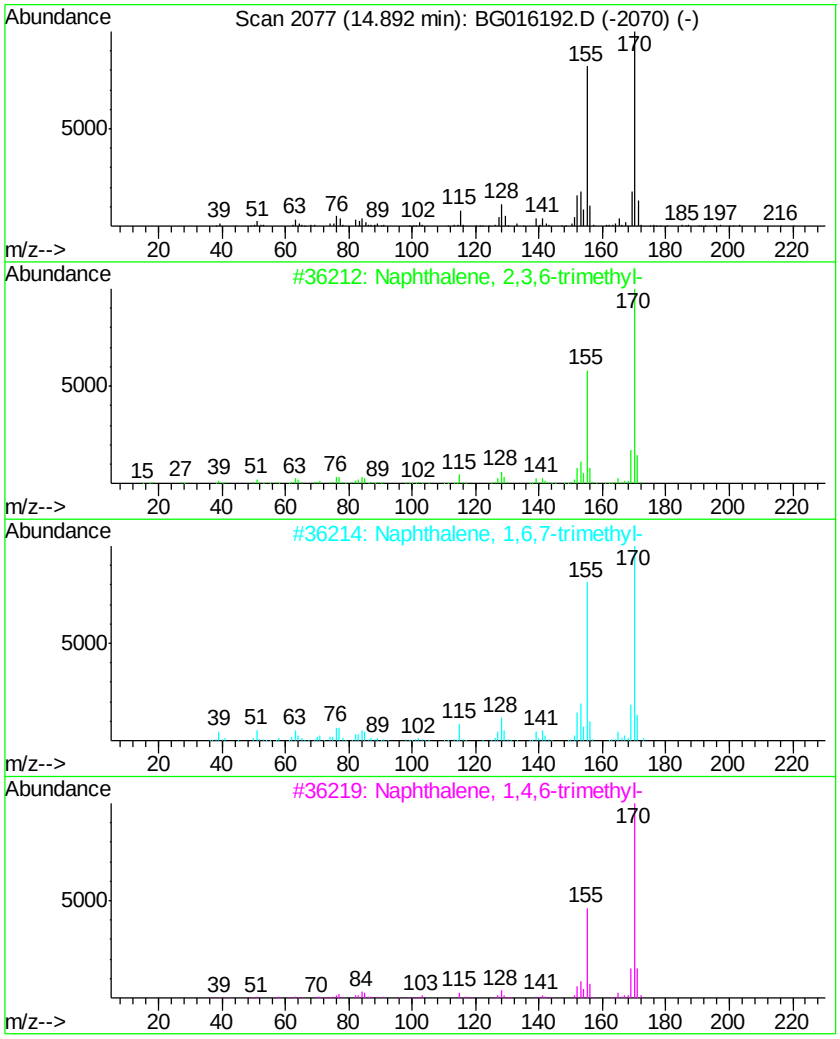
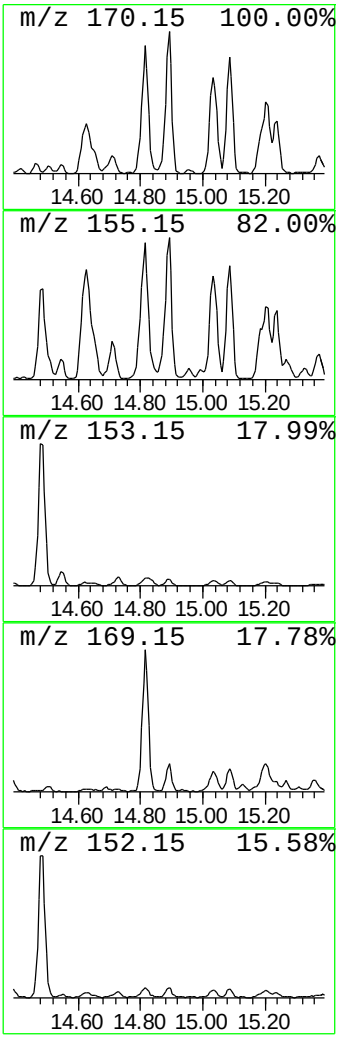
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	9.44 ng/ul	453434	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





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Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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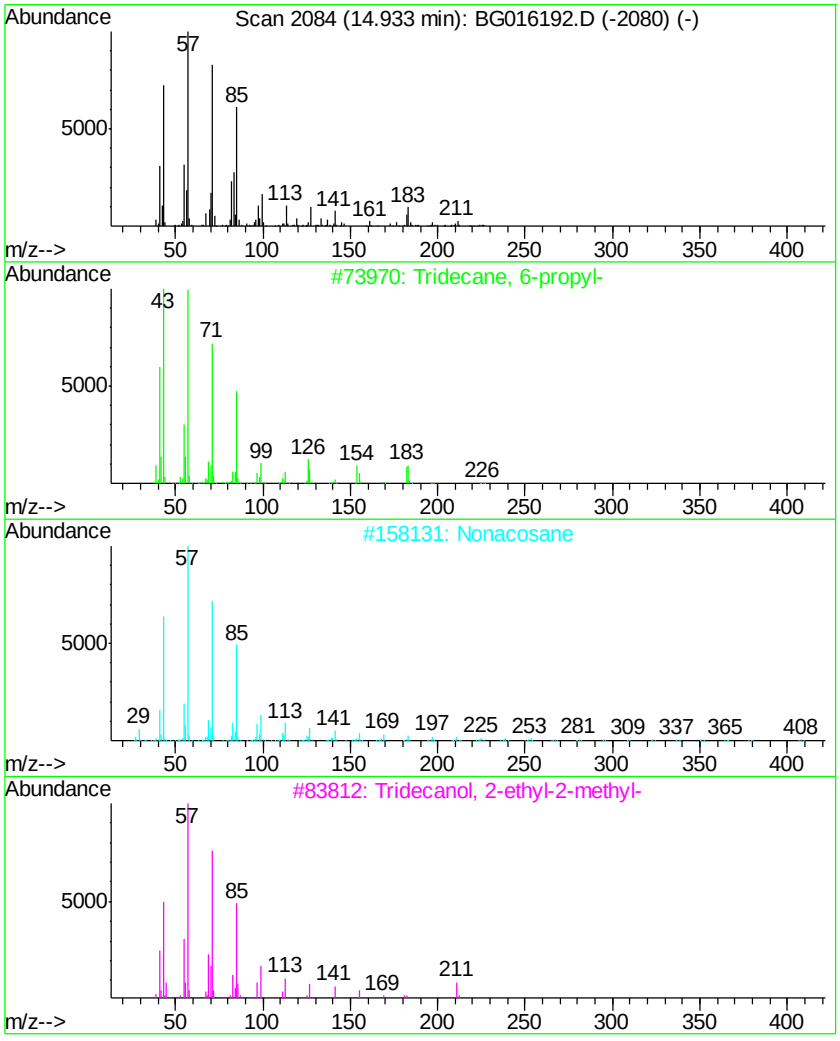
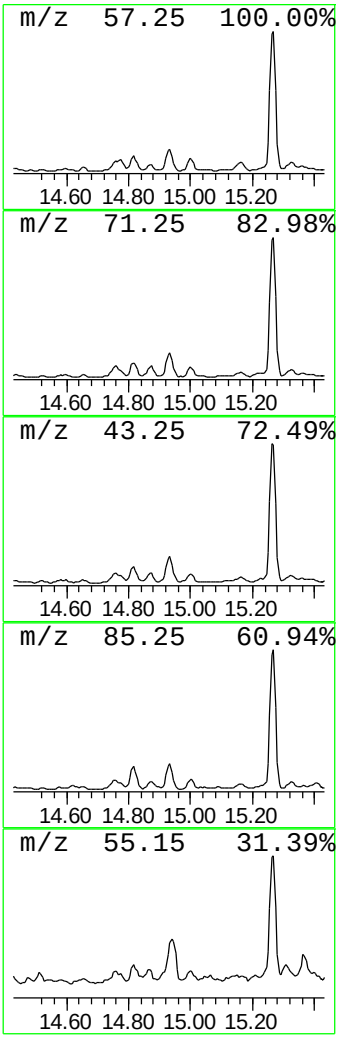
Peak Number 13 (DEL) Alkane: Straight-Chain Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	9.13 ng/ul	438239	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	74
2	Nonacosane	408	C29H60	000630-03-5	72
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Tridecane	184	C13H28	000629-50-5	70





Library Search Compound Report

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Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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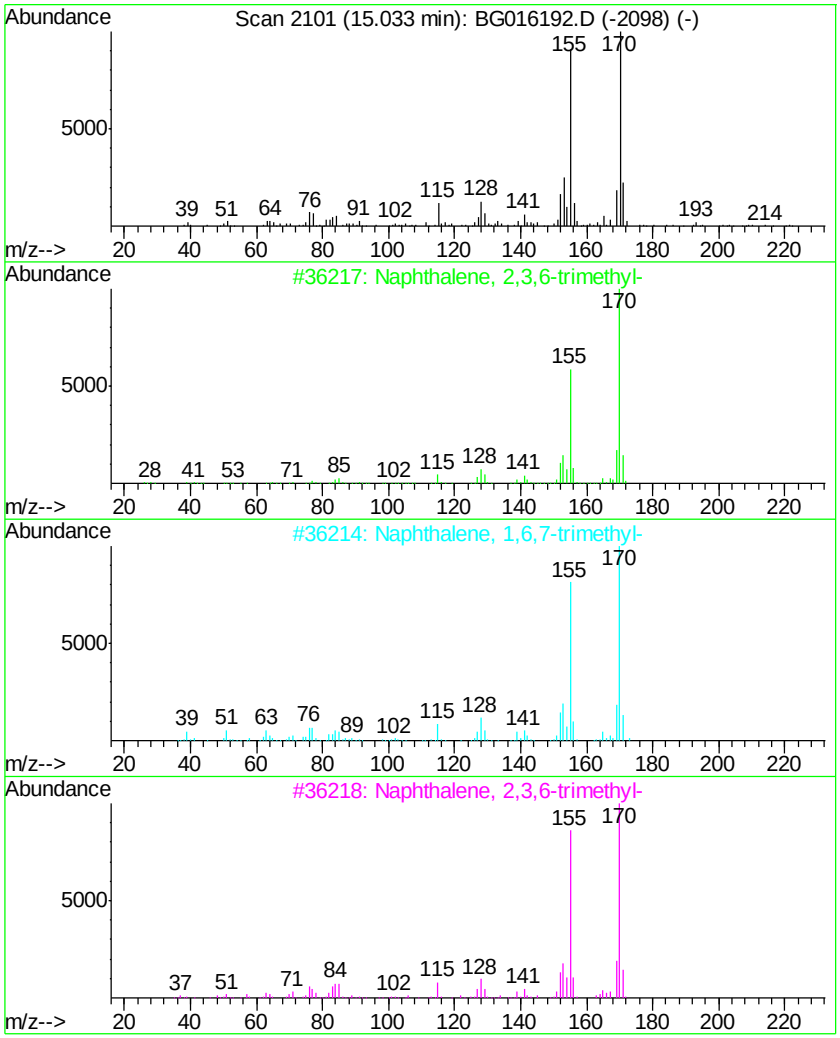
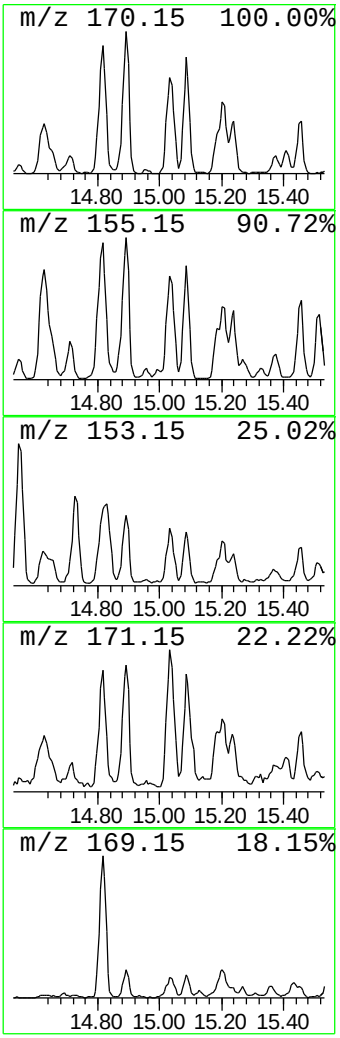
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	5.88 ng/ul	282514	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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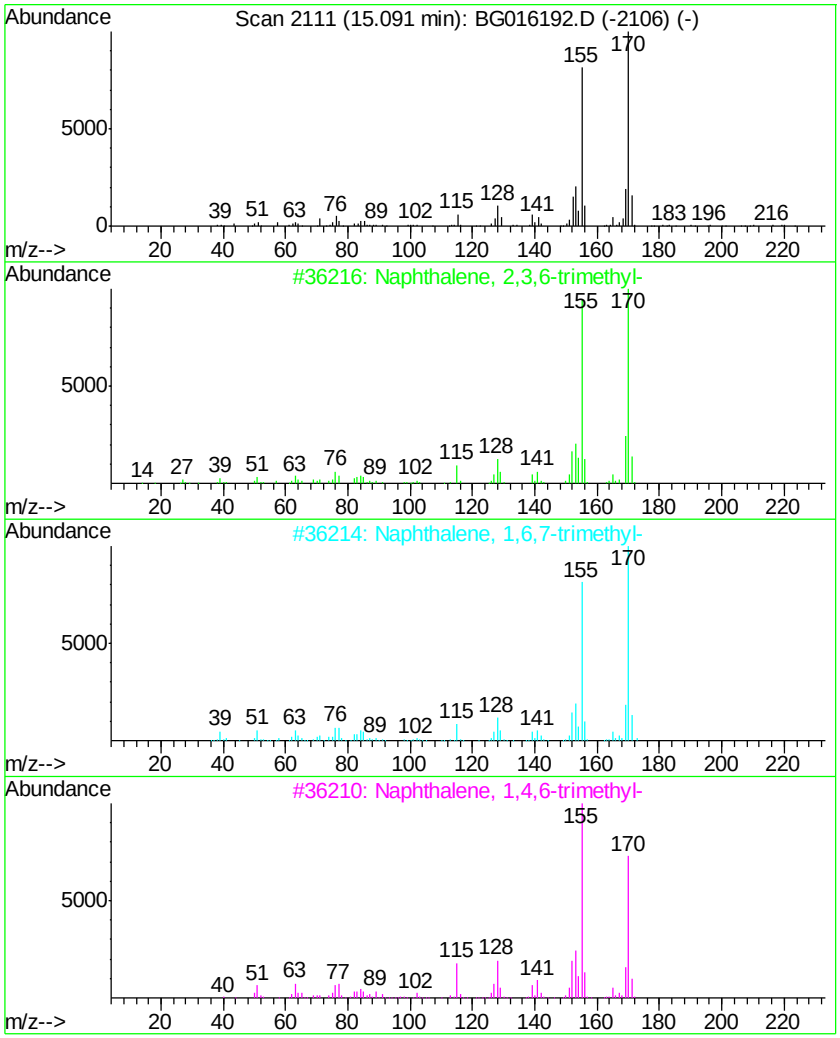
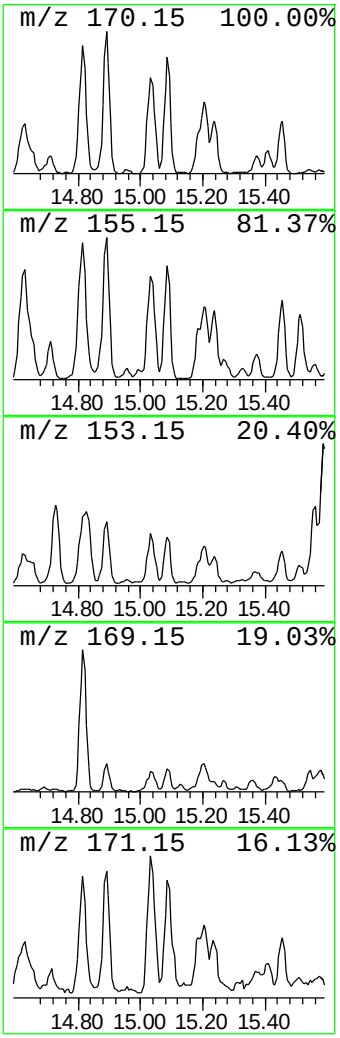
Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	4.96 ng/ul	238116	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Instrument : BNA_G
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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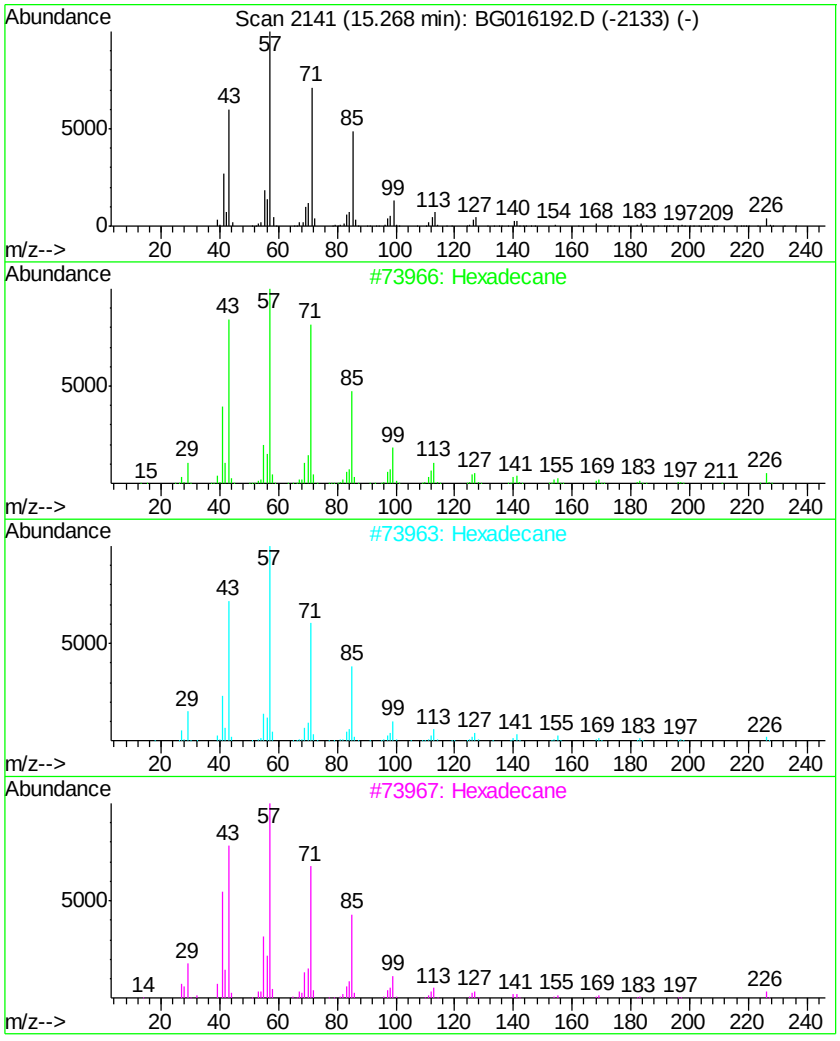
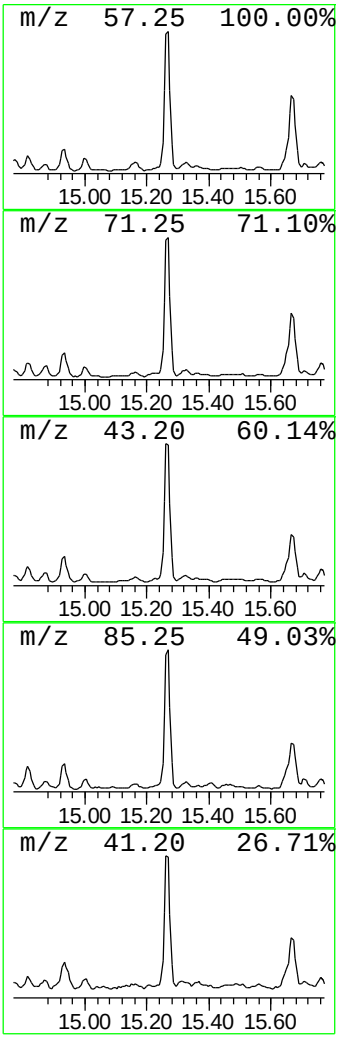
Peak Number 16 (DEL) Alkane: Straight-Chain Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	34.33 ng/ul	1648080	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Hexadecane	226	C16H34	000544-76-3	94
3	Hexadecane	226	C16H34	000544-76-3	94
4	Hexadecane	226	C16H34	000544-76-3	93
5	Tetradecane	198	C14H30	000629-59-4	91





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Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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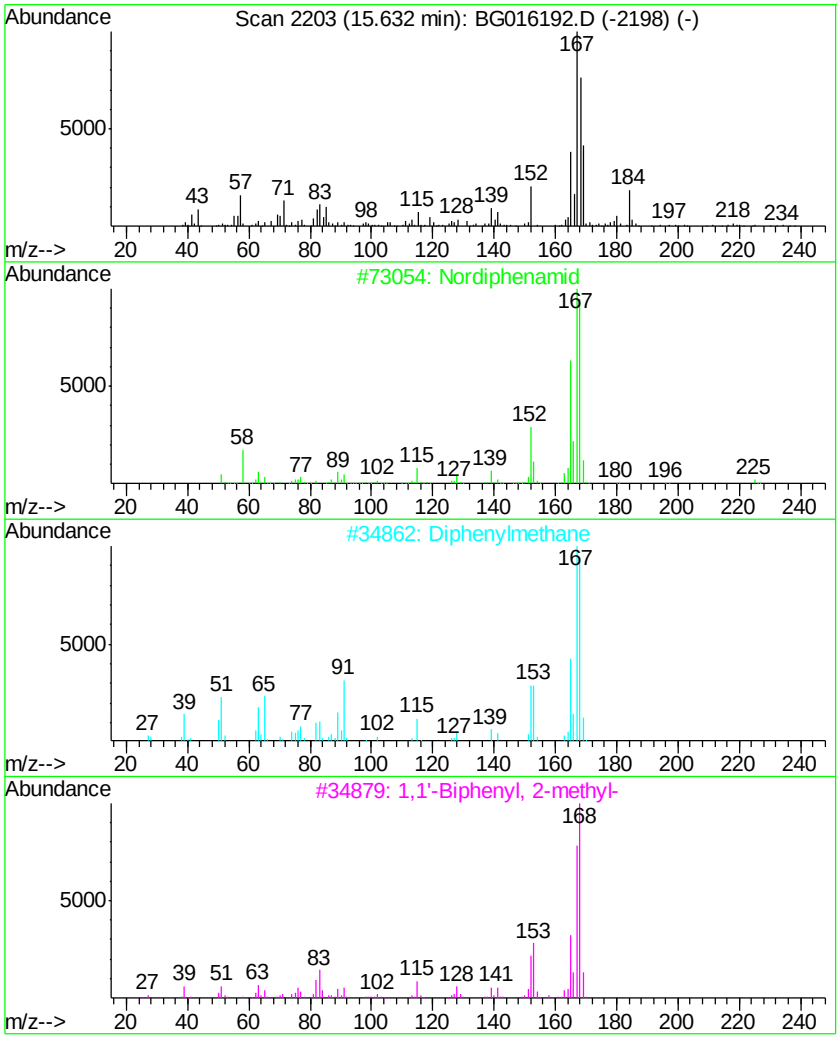
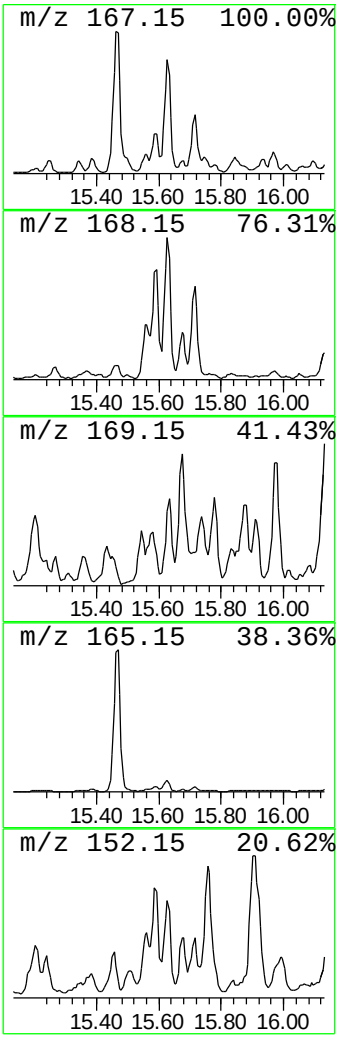
Peak Number 17 Nordiphenamid Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	6.21 ng/ul	298268	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	80
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
4	Diphenylmethane	168	C13H12	000101-81-5	53
5	Nordiphenamid	225	C15H15NO	000954-21-2	50





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Quant Title : SVOA CALIBRATION

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

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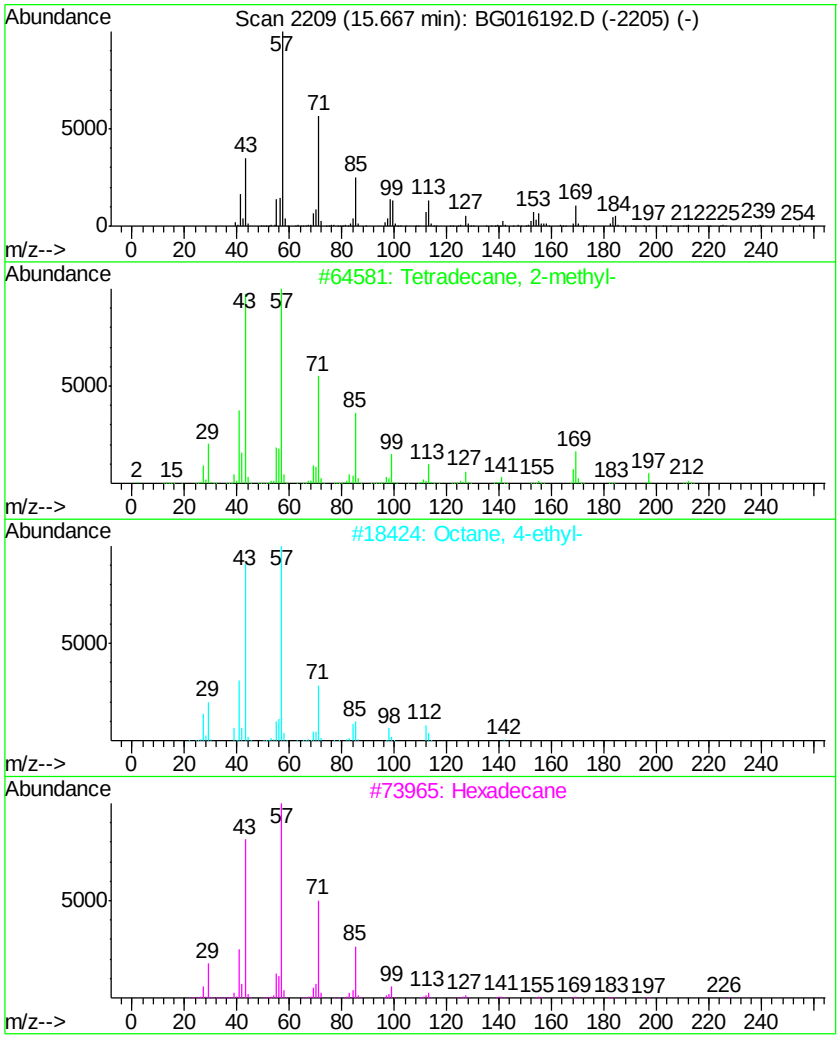
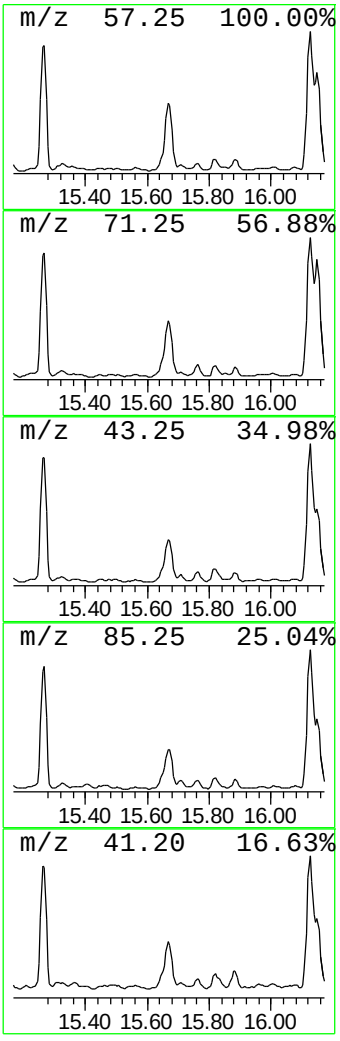
Peak Number 18 (DEL) Alkane: Straight-Chain Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	19.51 ng/ul	936565	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	64
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58
5	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	58





Library Search Compound Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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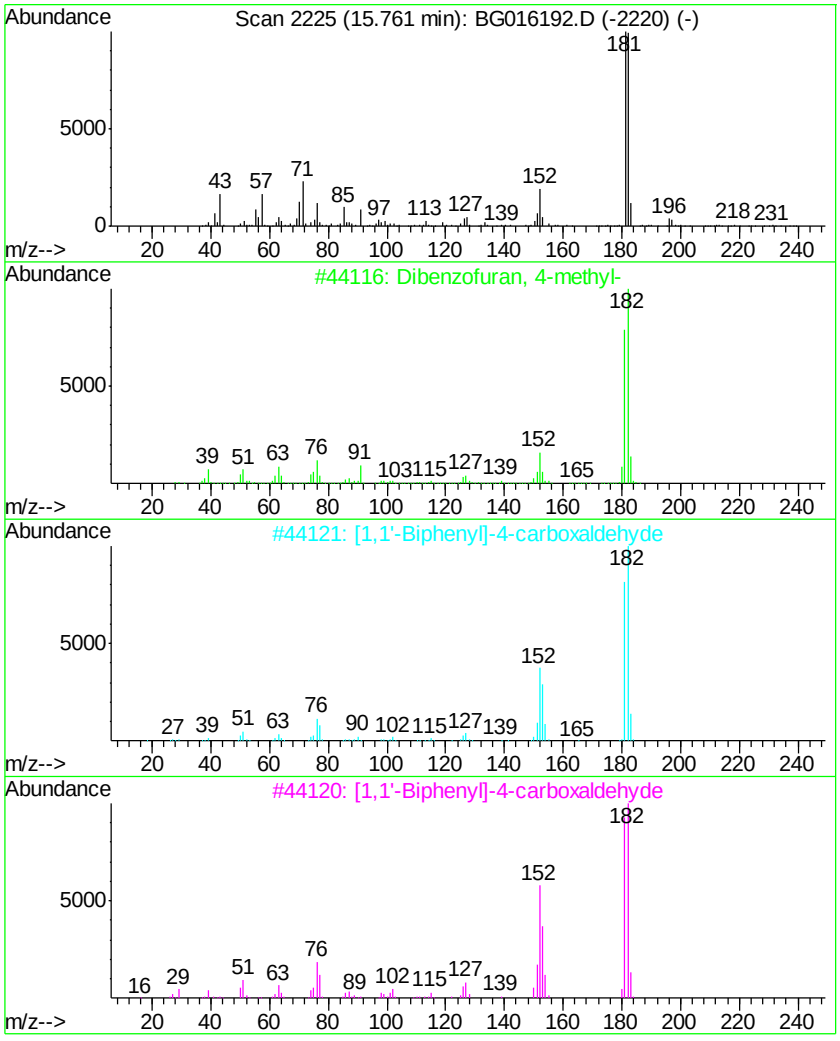
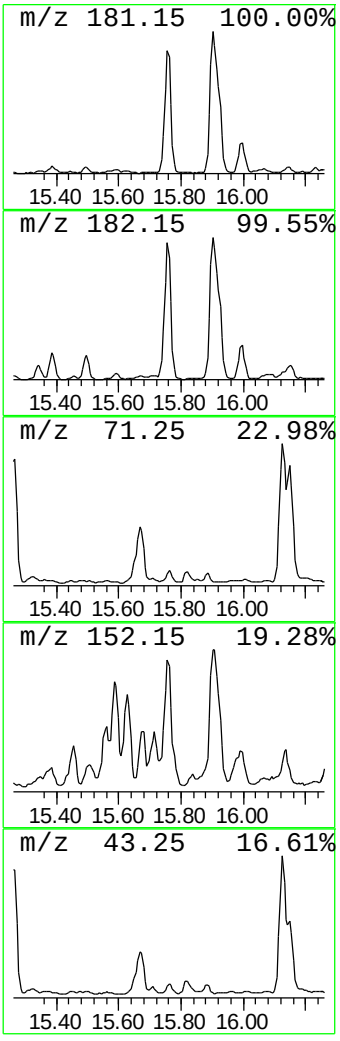
Peak Number 19 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	13.32 ng/ul	639695	Acenaphthene-d10	14.42

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	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	9H-Xanthene	182	C13H10O	000092-83-1	60





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Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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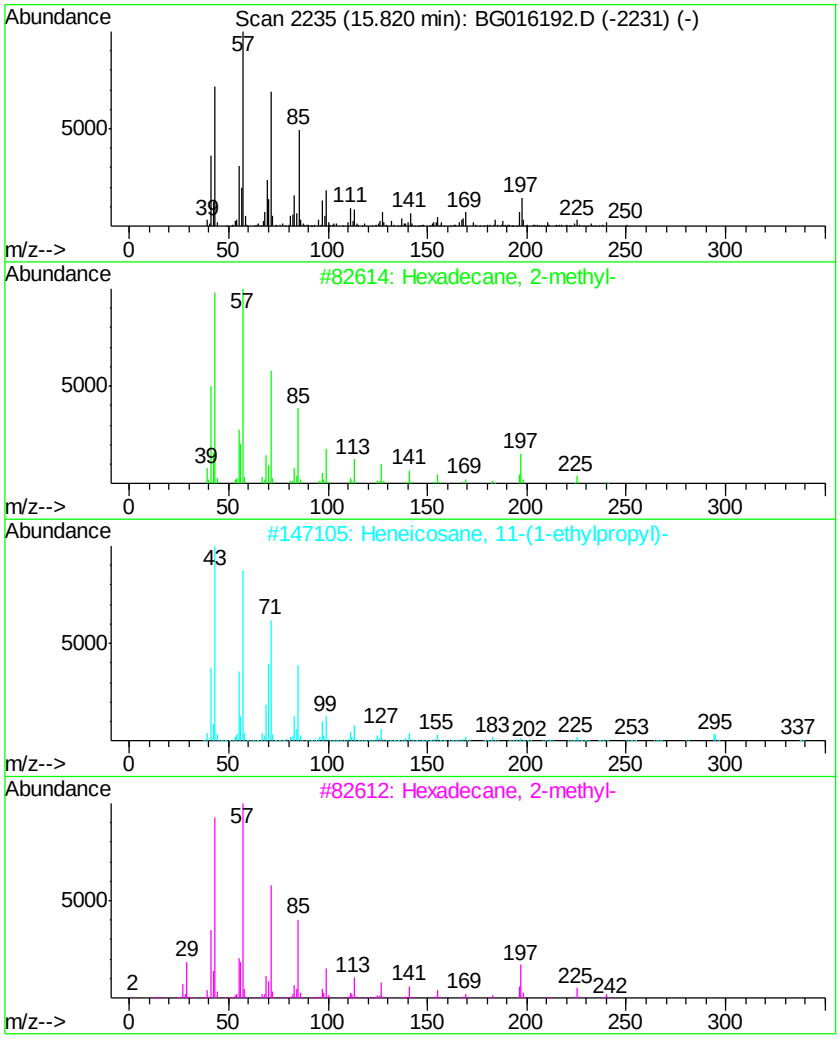
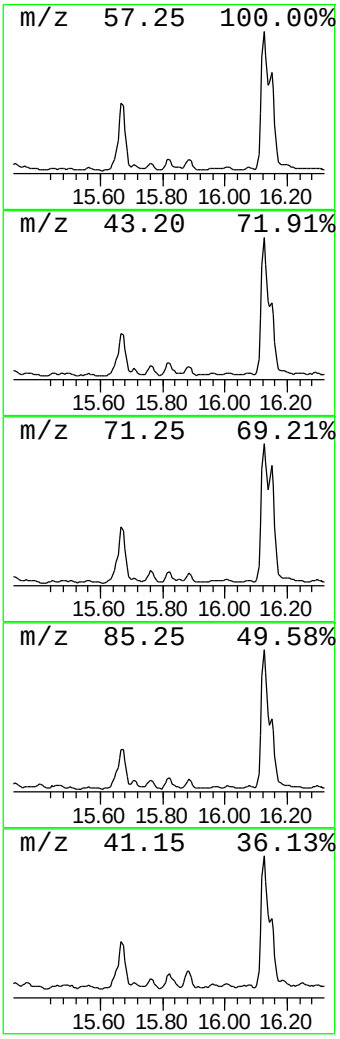
Peak Number 20 (DEL) Alkane: Straight-Chain Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	5.97 ng/ul	302495	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tetratetracontane	619	C44H90	007098-22-8	83





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Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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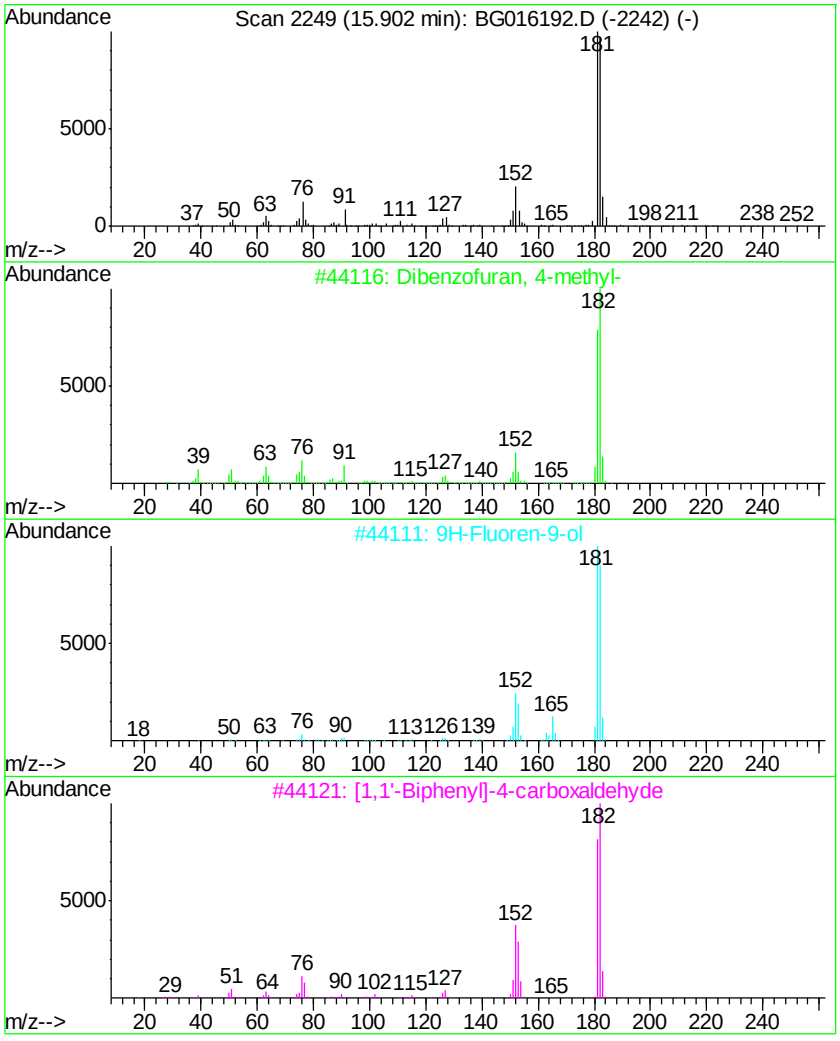
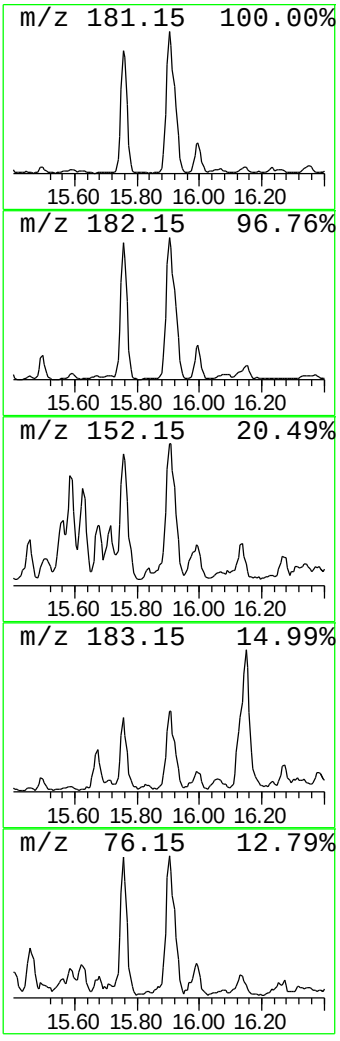
Peak Number 21 9H-Fluoren-9-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	16.51 ng/ul	836675	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

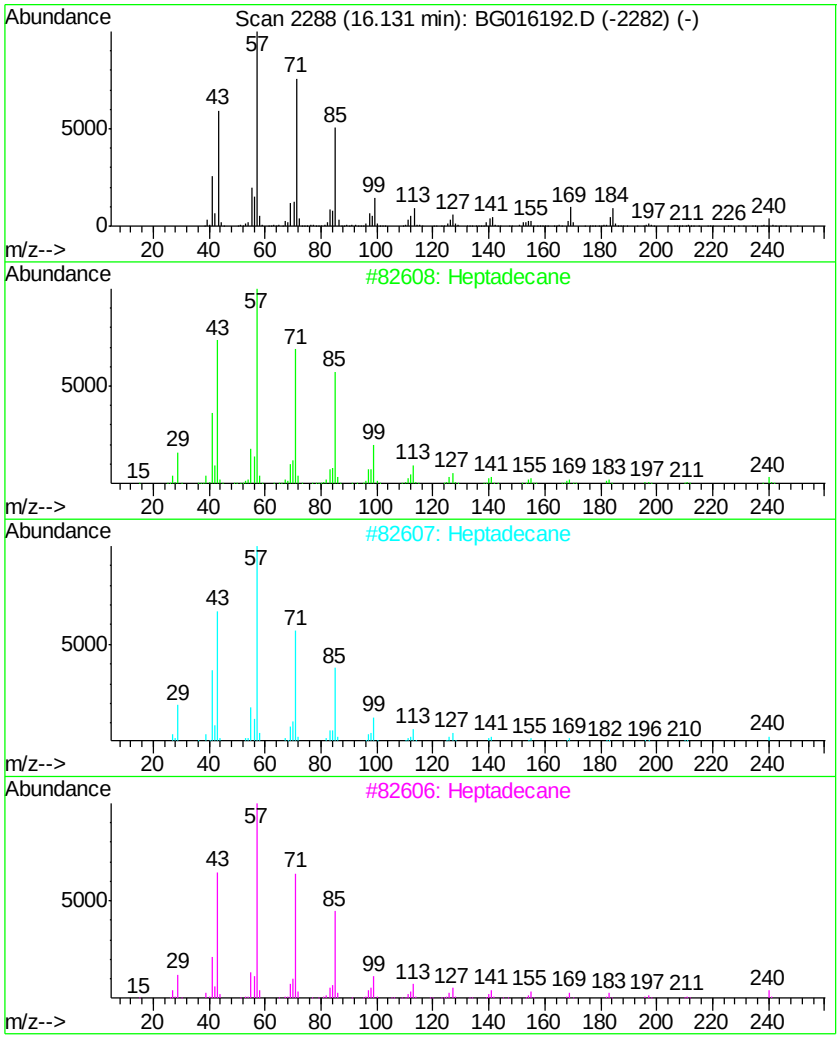
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

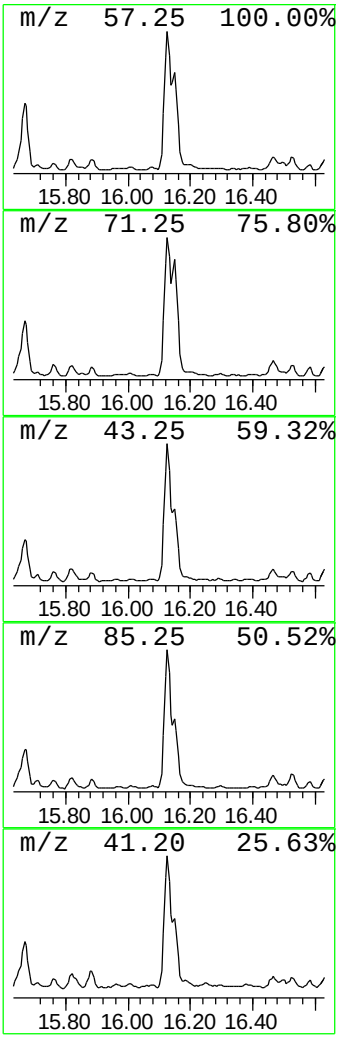
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chain Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	45.64 ng/ul	2312820	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	98
2	Heptadecane	240	C17H36	000629-78-7	97
3	Heptadecane	240	C17H36	000629-78-7	95
4	Tridecane	184	C13H28	000629-50-5	90
5	Pentadecane	212	C15H32	000629-62-9	87





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Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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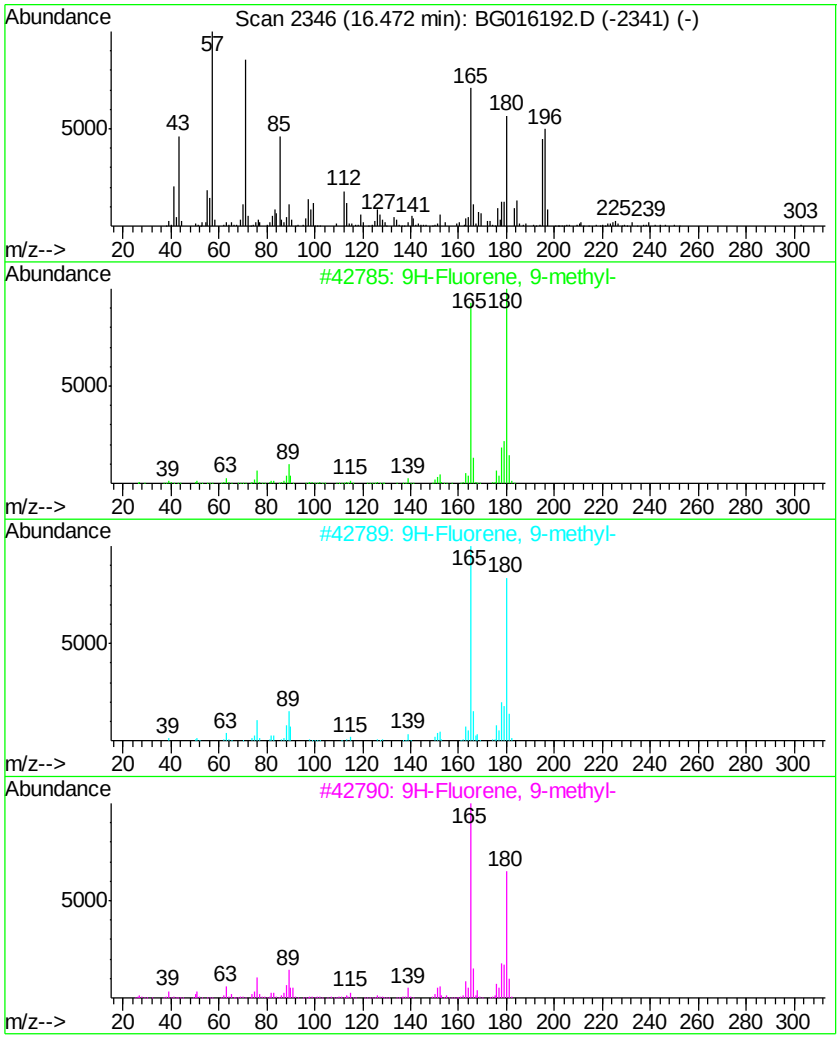
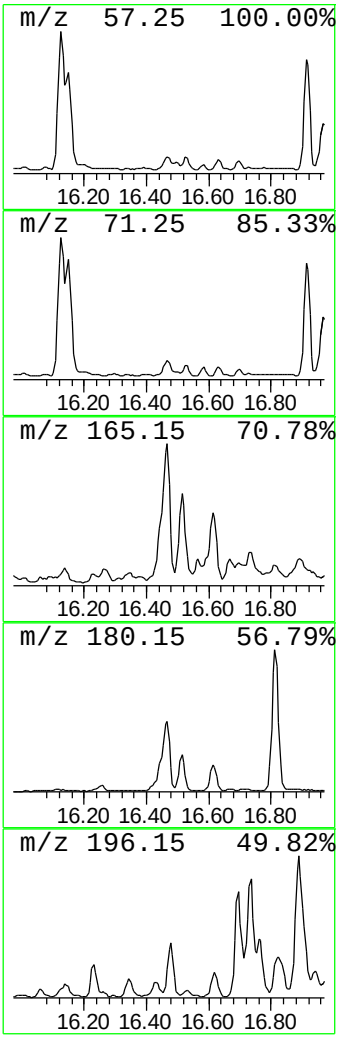
Peak Number 23 9H-Fluorene, 9-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	6.25 ng/ul	316863	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	60
5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	59





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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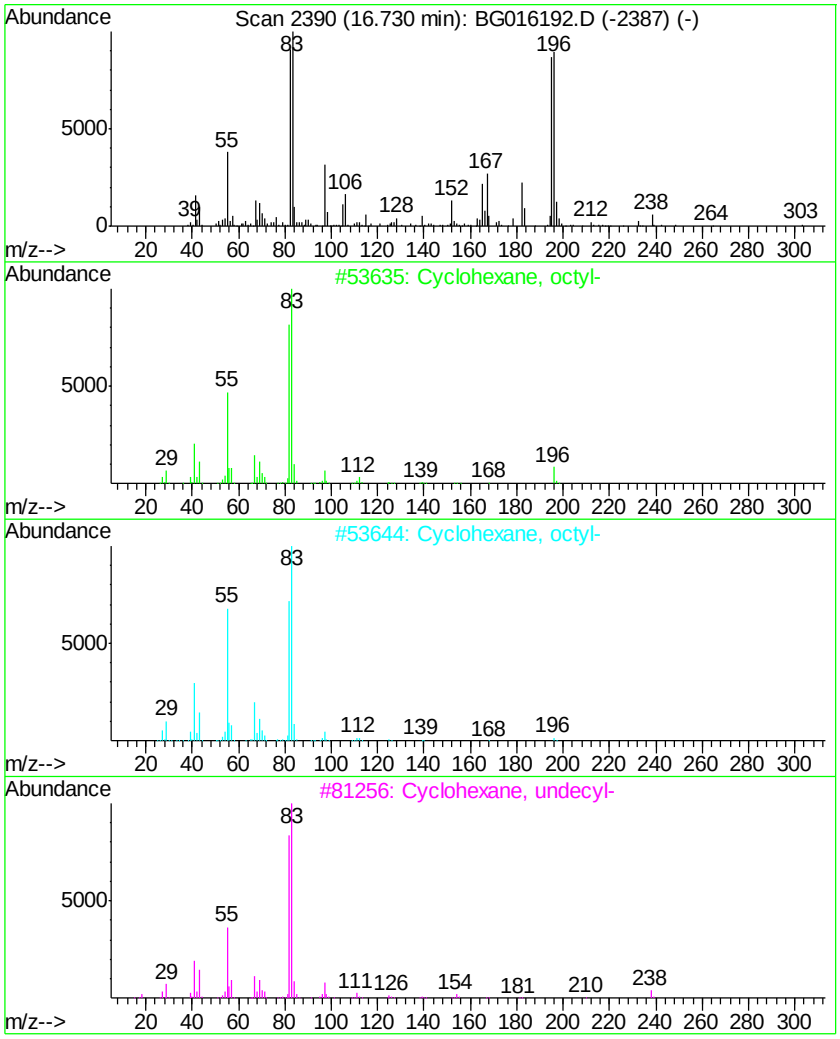
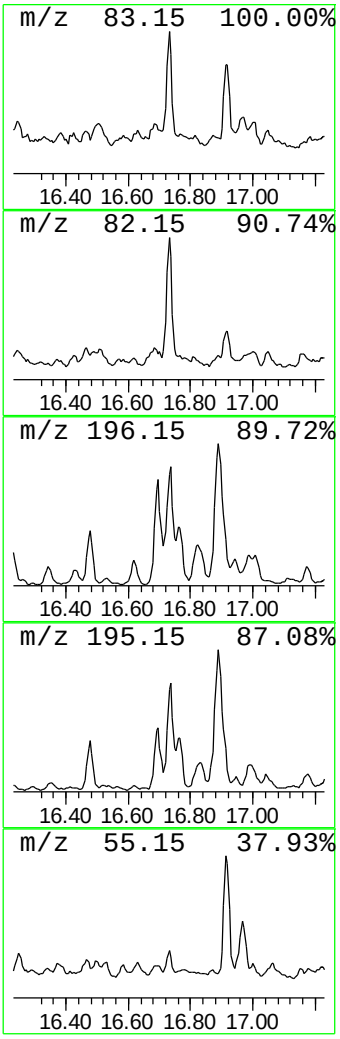
Peak Number 24 (DEL) Alkane: Cyclic Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	4.53 ng/ul	229725	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	60
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	47
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	42
4	Heptylcyclohexane	182	C13H26	005617-41-4	41
5	Hexane, 1,6-dicyclohexyl-	250	C18H34	001610-23-7	27





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Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 25 9,10-Phenanthrenedione Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	7.81 ng/ul	395836	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80
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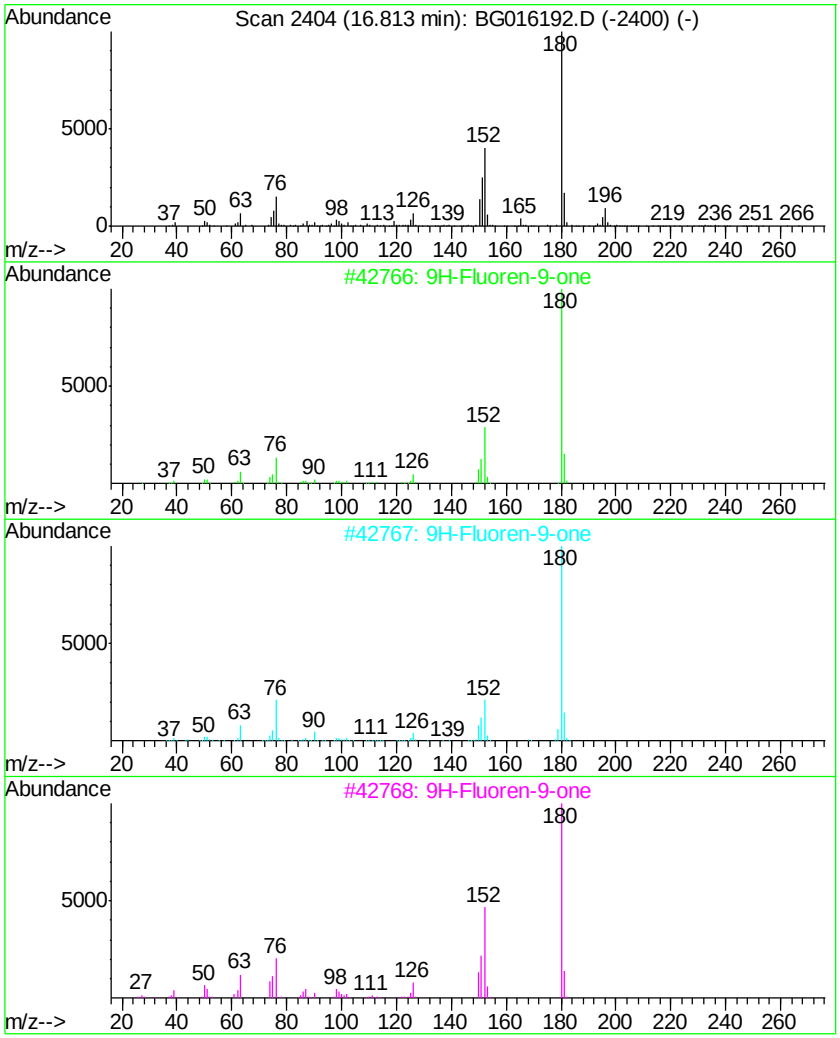

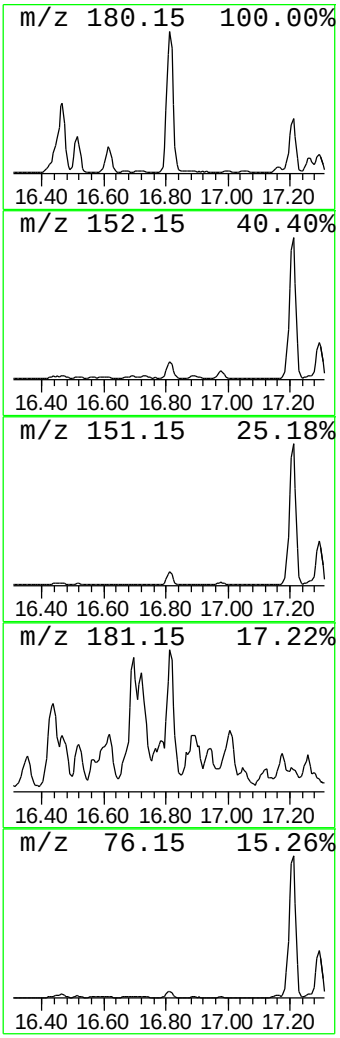

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Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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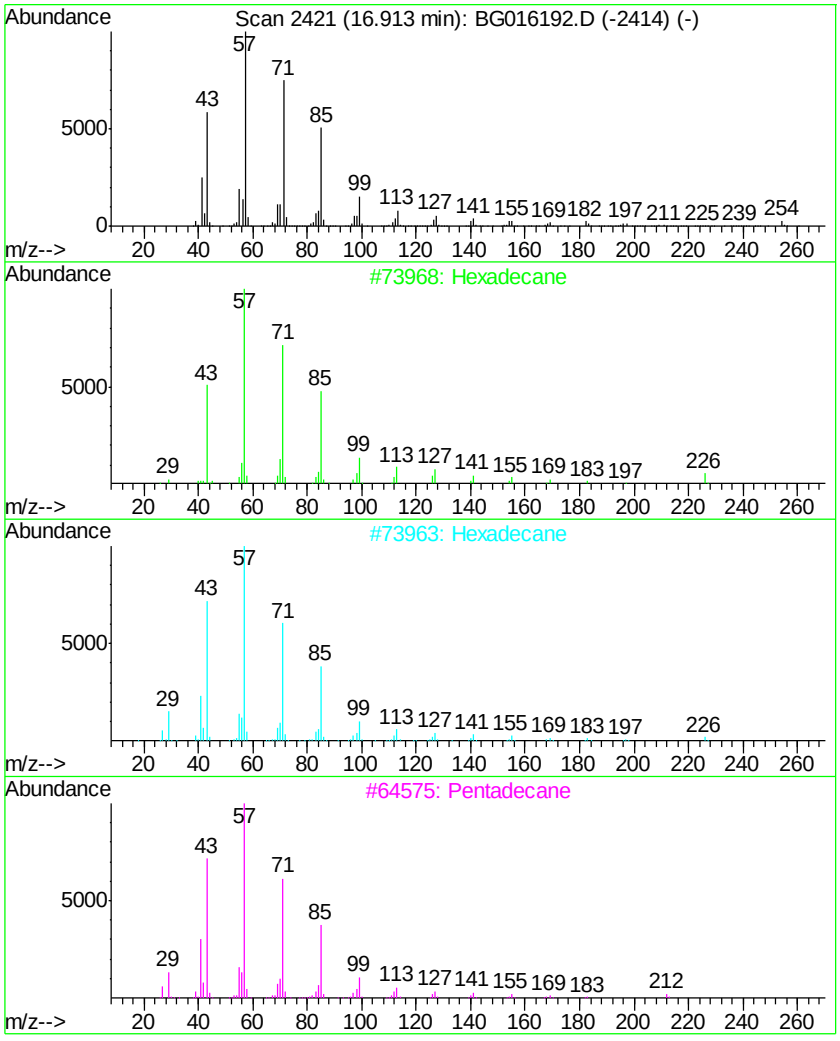
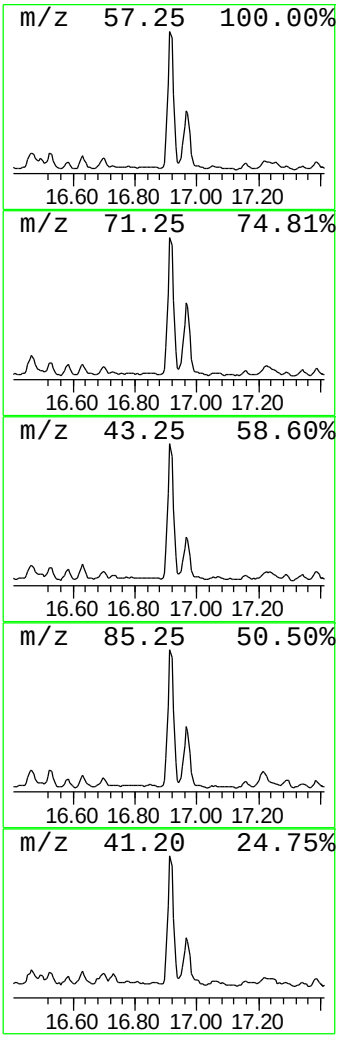
Peak Number 26 (DEL) Alkane: Straight-Chain Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	34.64 ng/ul	1755550	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Hexadecane	226	C16H34	000544-76-3	96
3	Pentadecane	212	C15H32	000629-62-9	96
4	Hexadecane	226	C16H34	000544-76-3	95
5	Octadecane	254	C18H38	000593-45-3	95





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Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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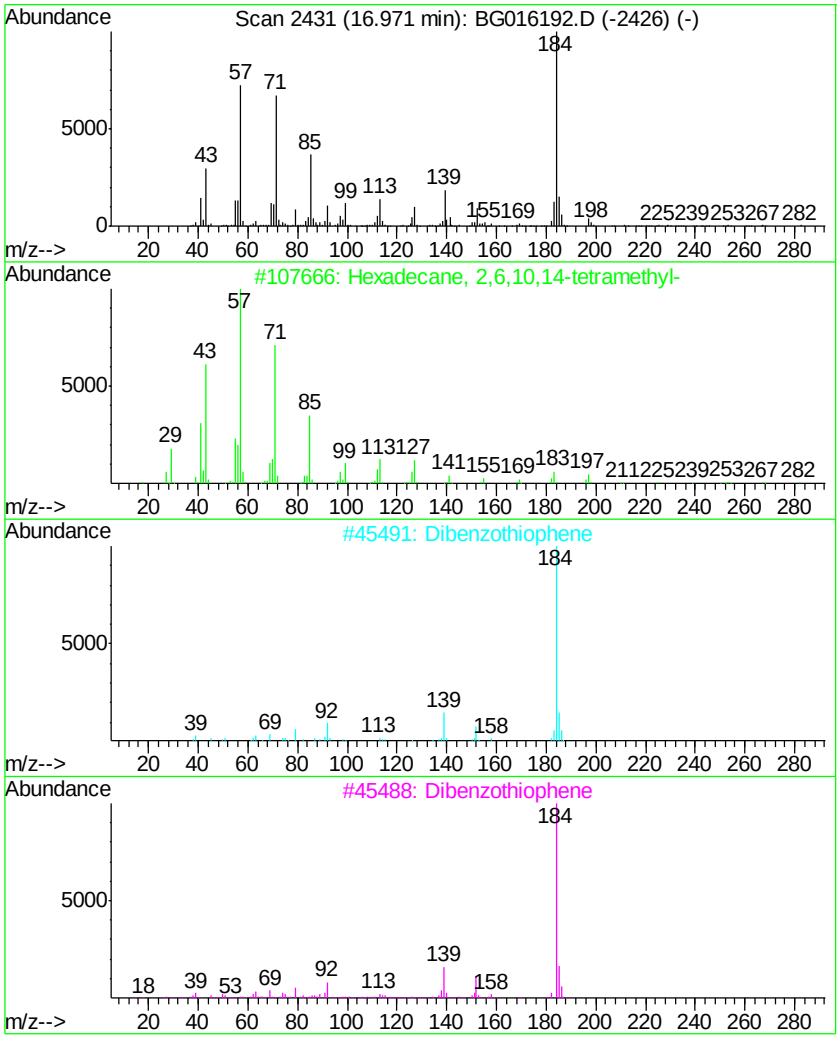
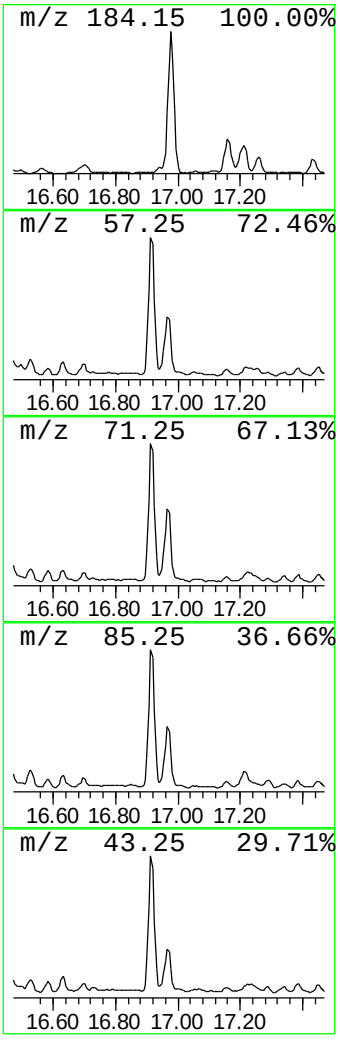
Peak Number 27 (DEL) Alkane: Straight-Chain Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	28.72 ng/ul	1455370	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	92
3	Dibenzothiophene	184	C12H8S	000132-65-0	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	89
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	78





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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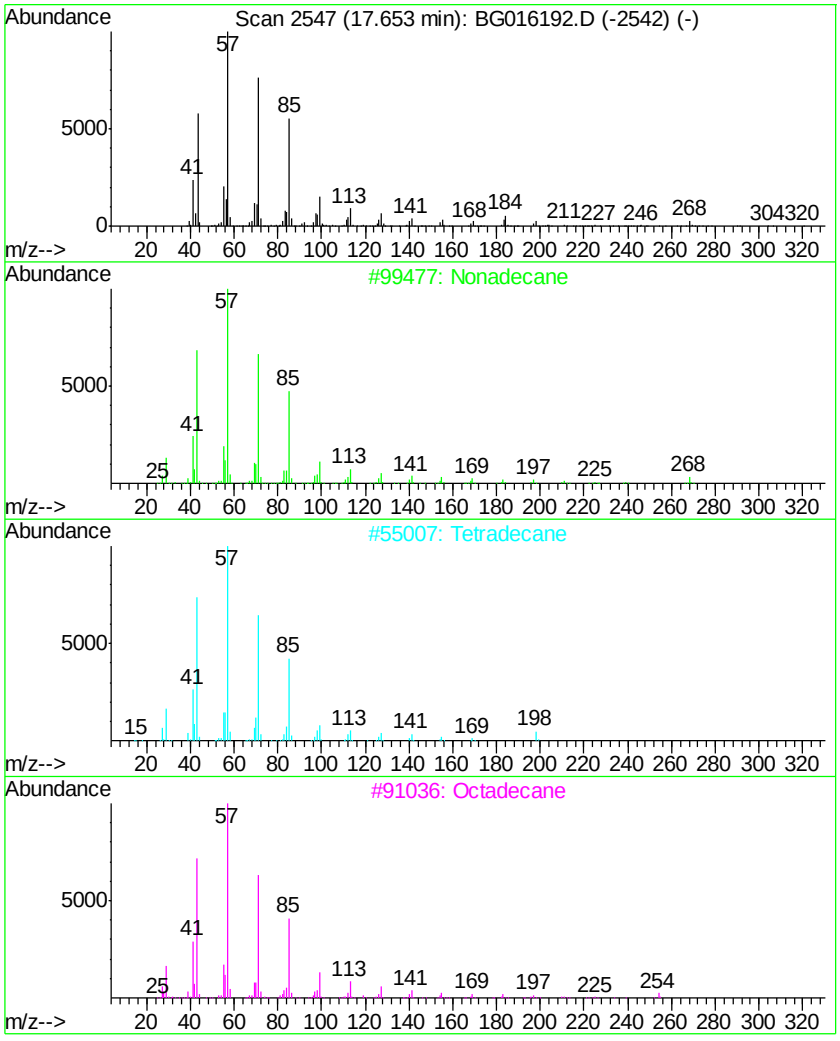
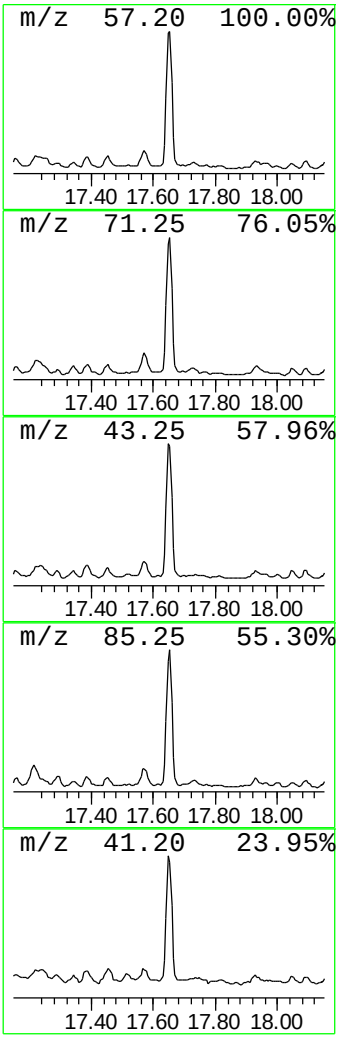
Peak Number 28 (DEL) Alkane: Straight-Chain Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	24.19 ng/ul	1225980	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	Tetradecane	198	C14H30	000629-59-4	96
3	Octadecane	254	C18H38	000593-45-3	95
4	Tetradecane	198	C14H30	000629-59-4	95
5	Tridecane	184	C13H28	000629-50-5	94





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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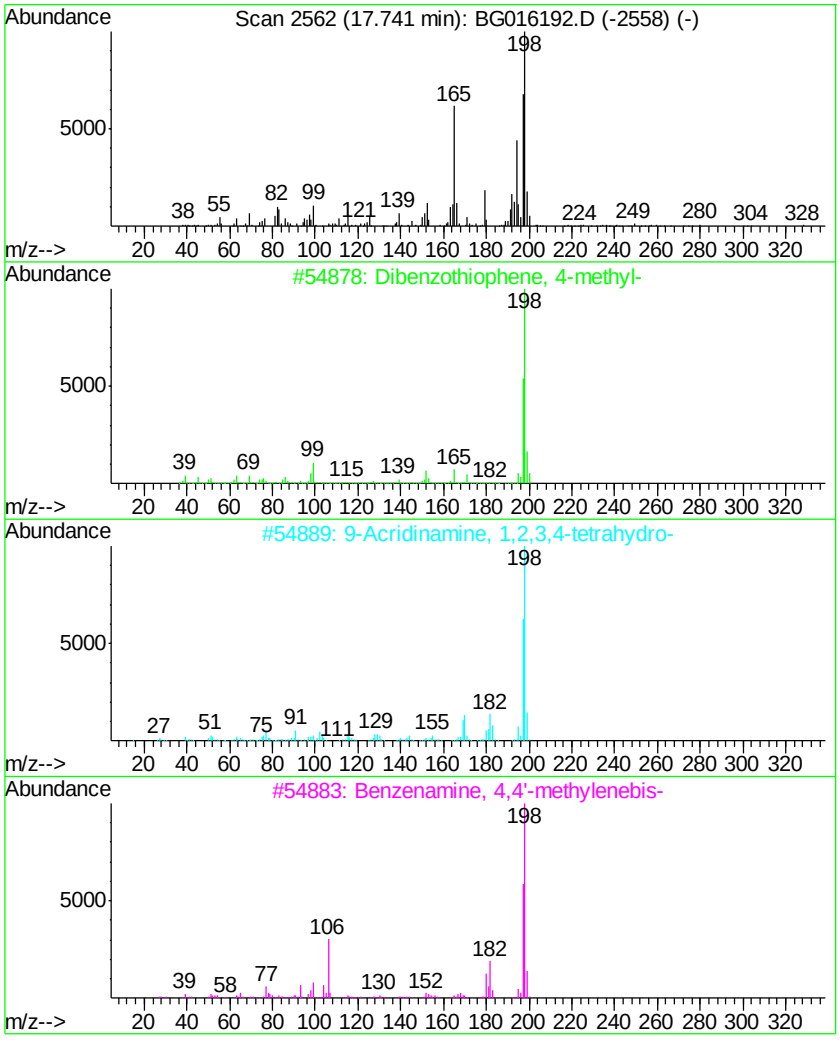
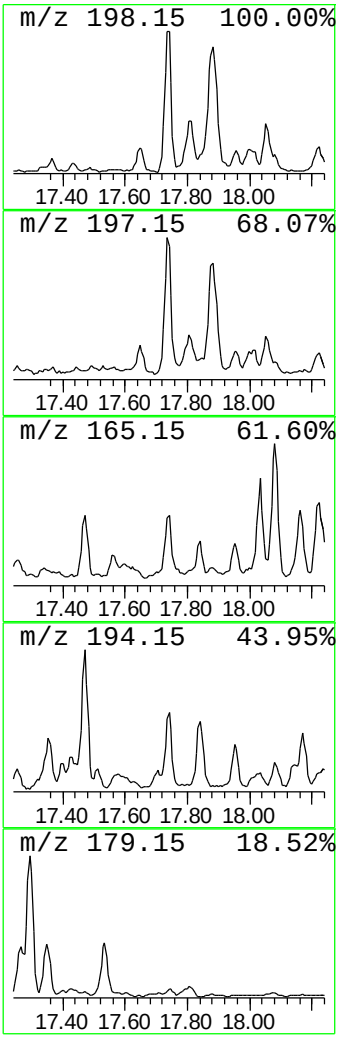
Peak Number 29 Dibenzothiophene, 4-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	6.26 ng/ul	317410	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	53
2	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	49
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	49
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	43
5	Thioxanthene	198	C13H10S	000261-31-4	38





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Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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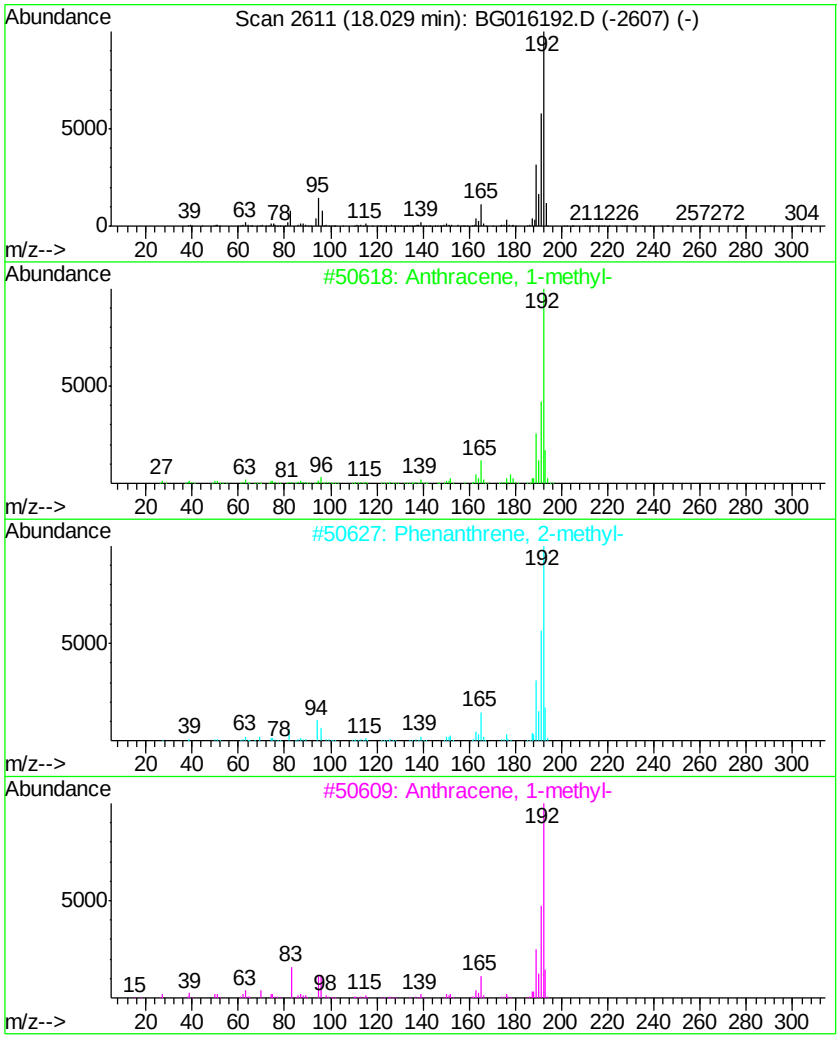
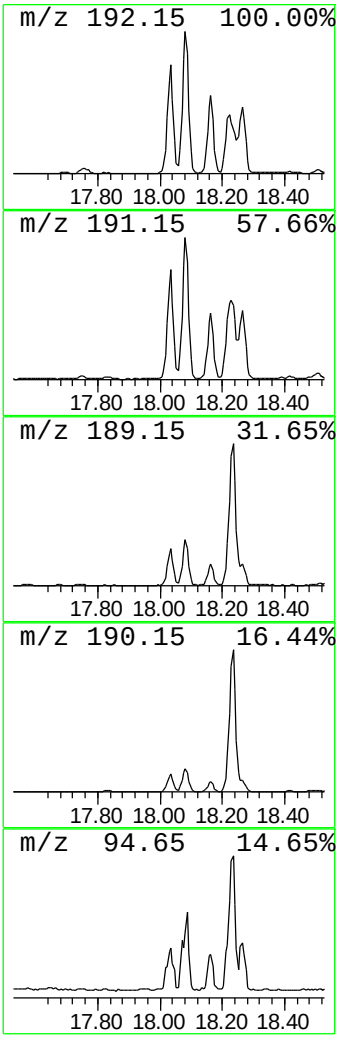
Peak Number 30 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	17.01 ng/ul	861844	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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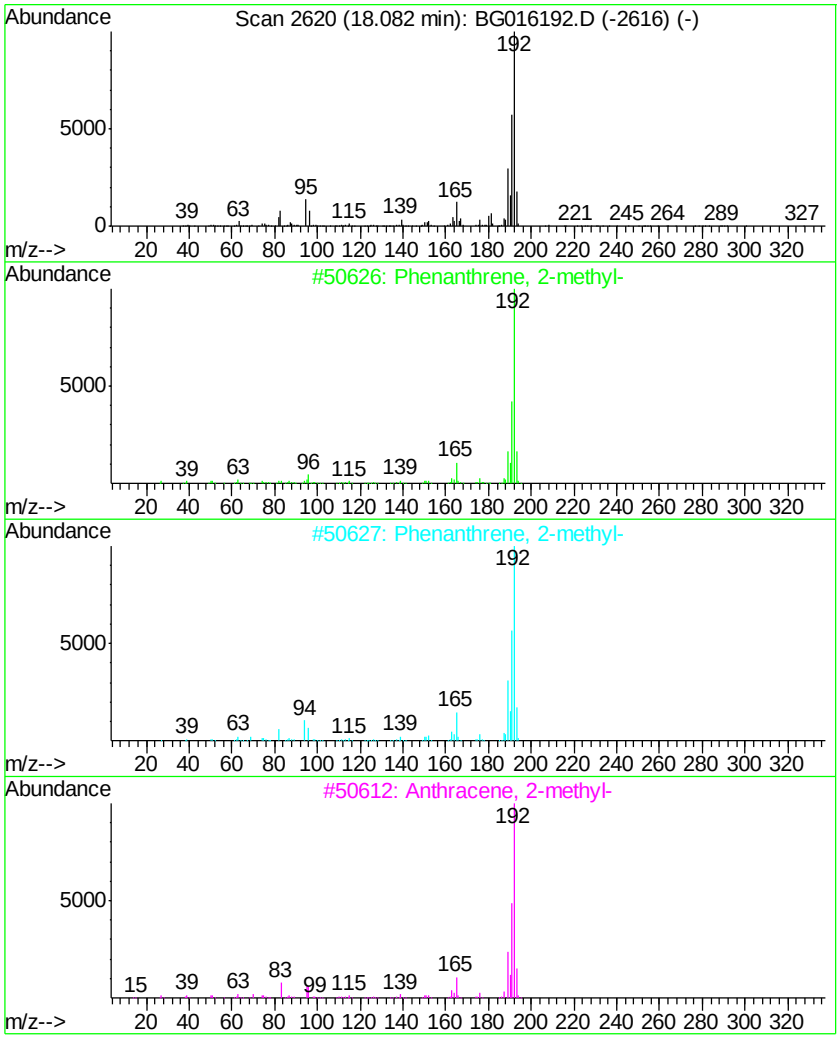
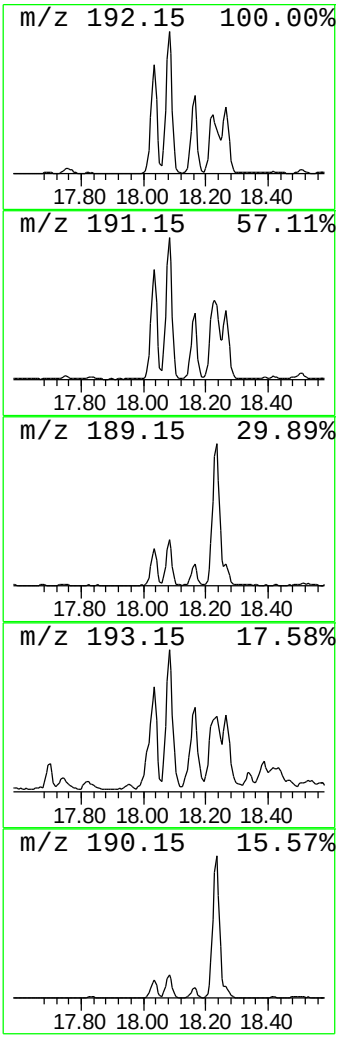
Peak Number 31 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	27.86 ng/ul	1411660	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Sample : G1647-07 2X
Misc :
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Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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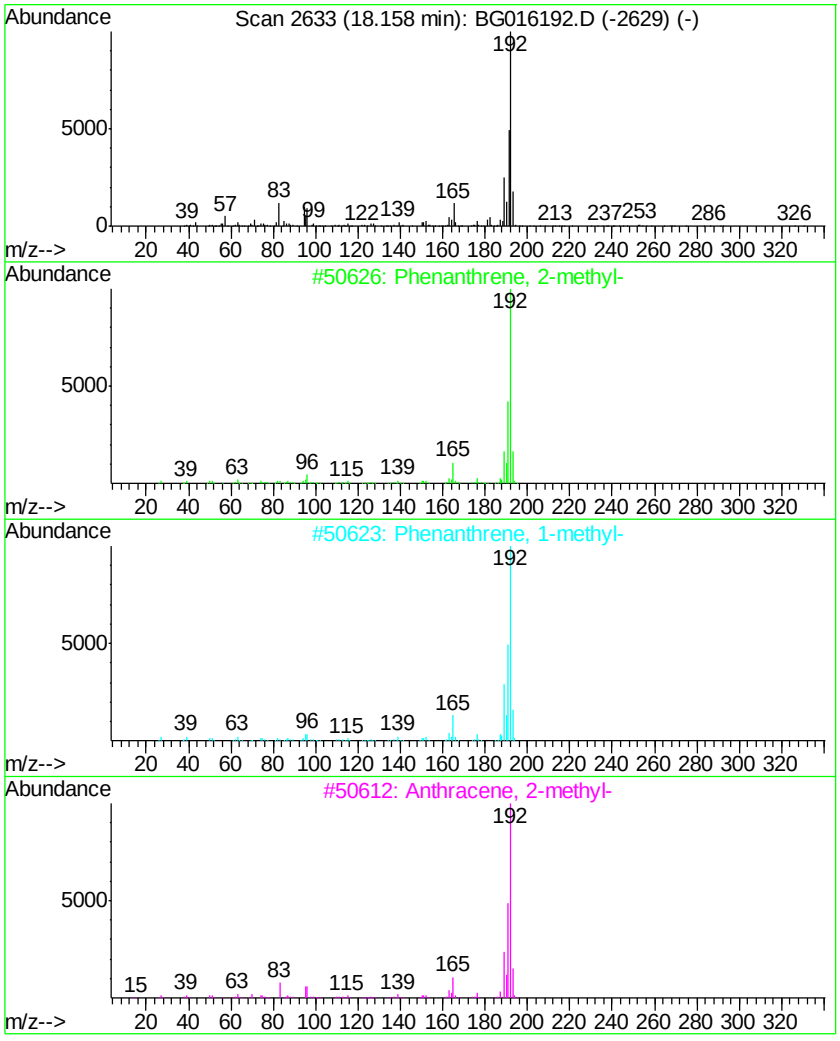
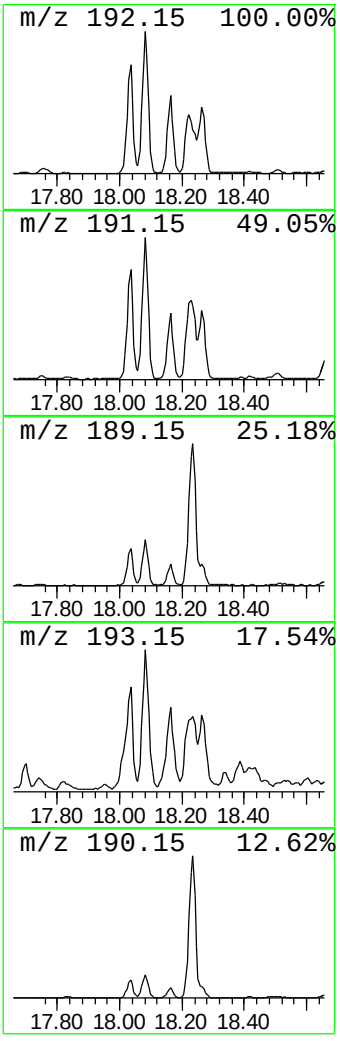
Peak Number 32 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	12.44 ng/ul	630275	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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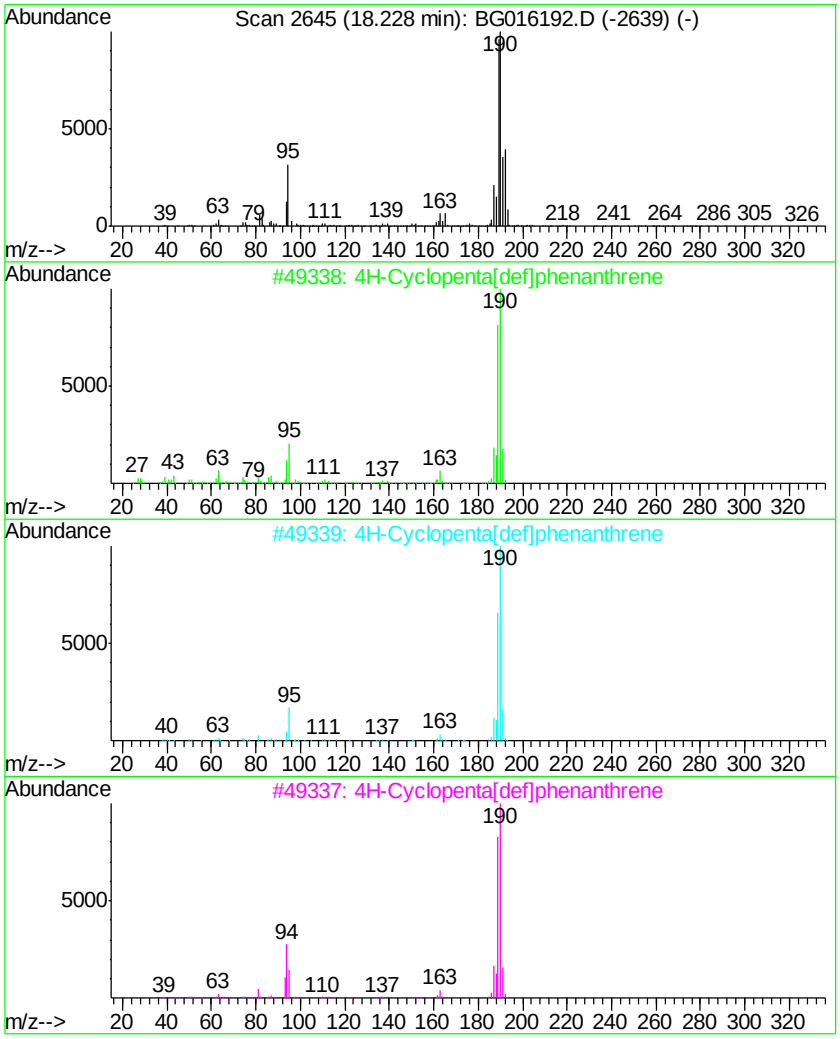
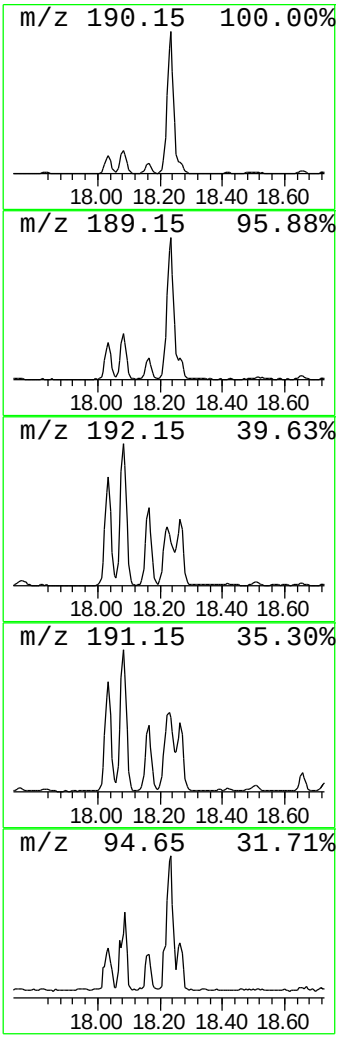
Peak Number 33 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	37.72 ng/ul	1911620	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47





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Instrument : BNA_G
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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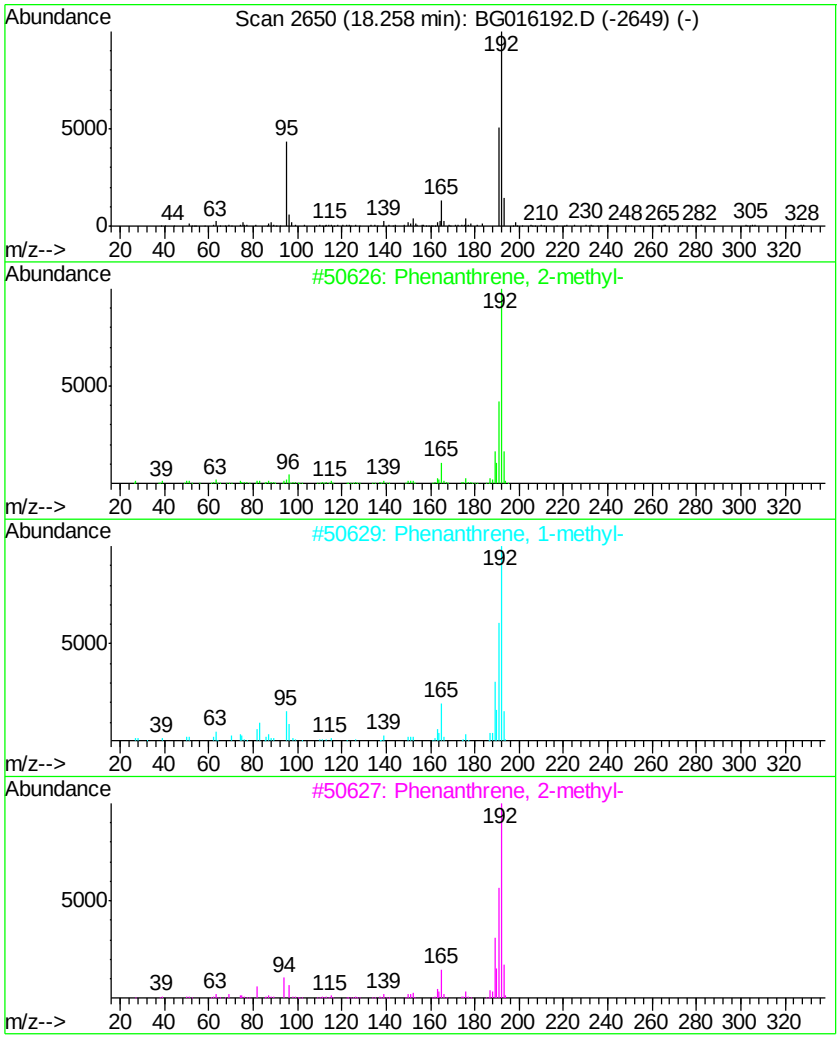
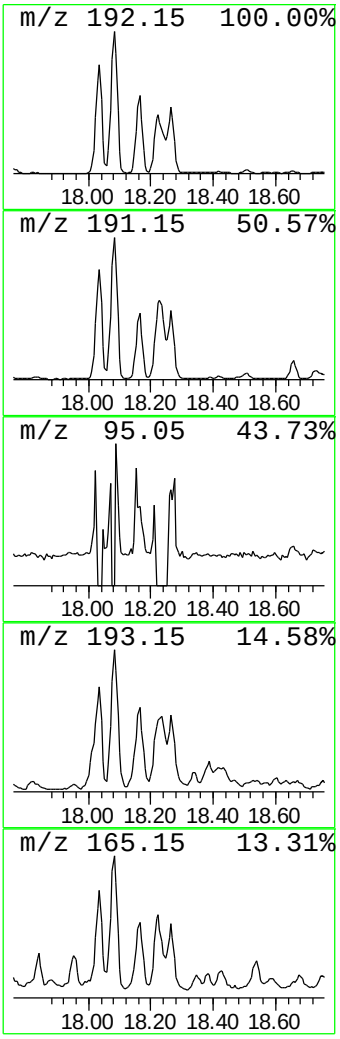
Peak Number 34 Anthracene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	9.32 ng/ul	472404	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Instrument : BNA_G
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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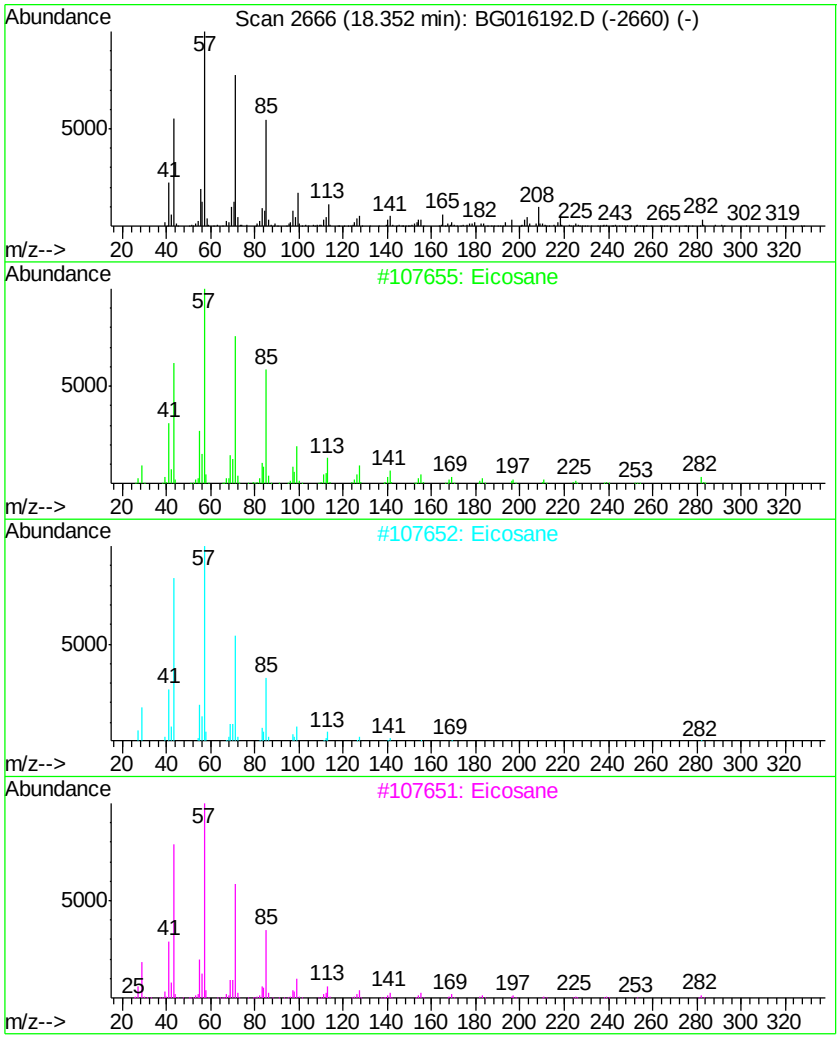
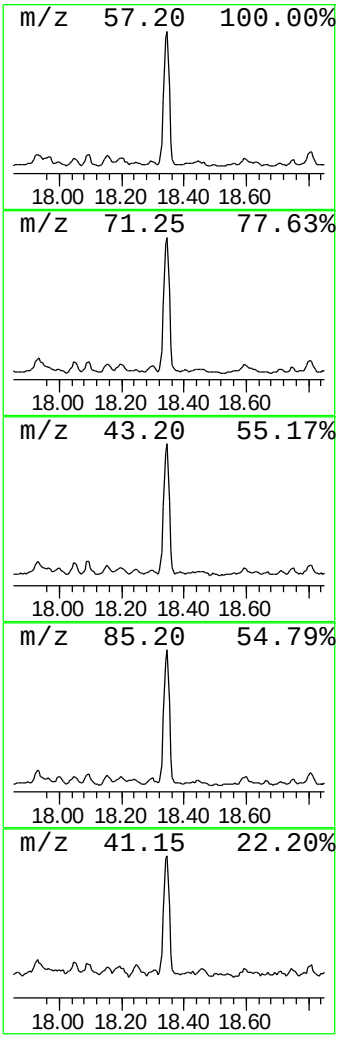
Peak Number 35 (DEL) Alkane: Straight-Chain Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	13.93 ng/ul	705711	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	96
3	Eicosane	282	C20H42	000112-95-8	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptadecane	240	C17H36	000629-78-7	87





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Instrument : BNA_G
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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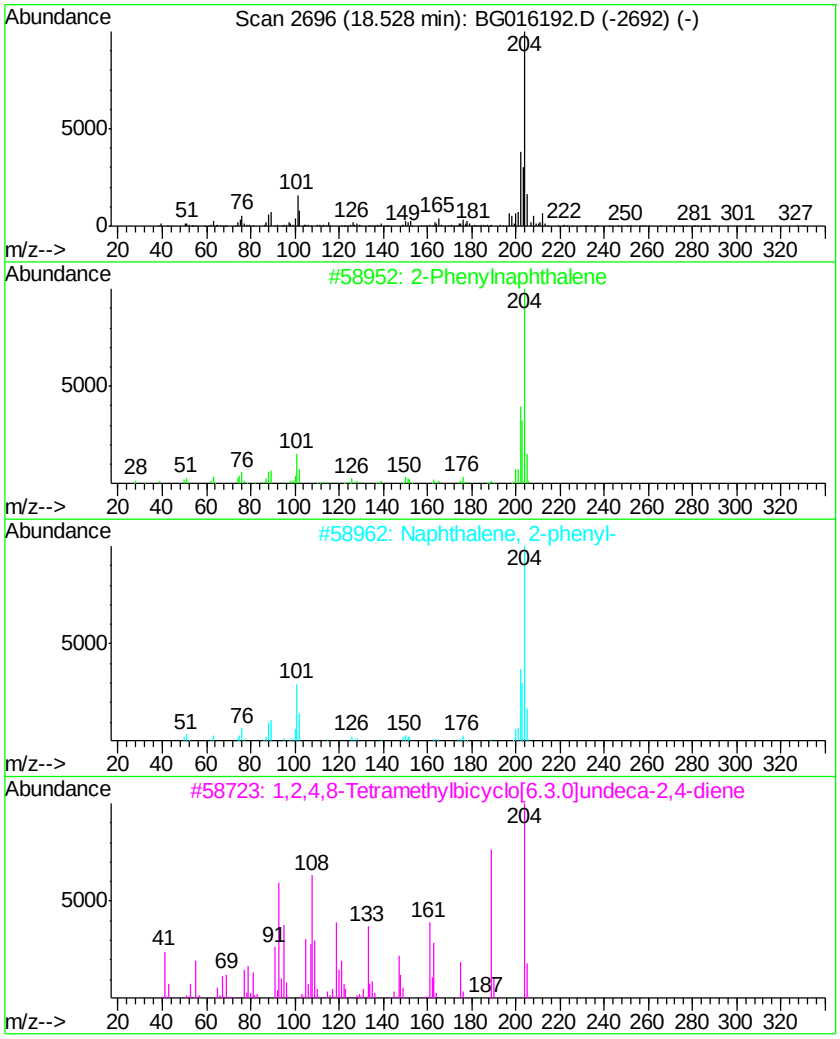
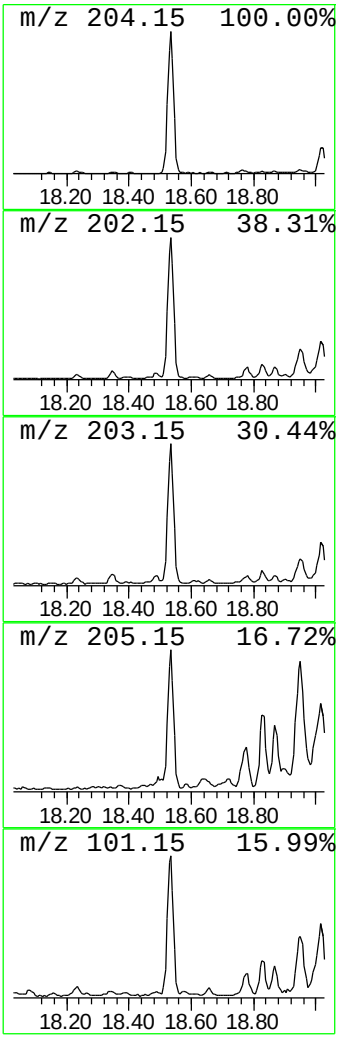
Peak Number 36 2-Phenylnaphthalene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	12.30 ng/ul	623148	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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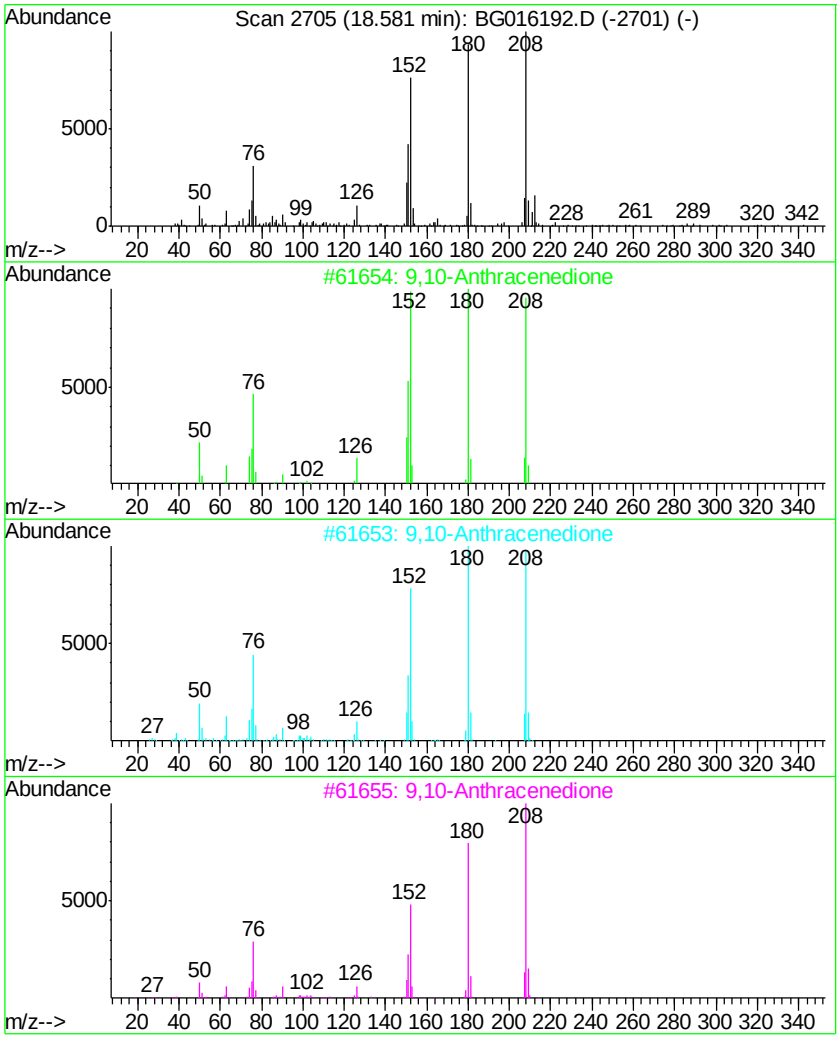
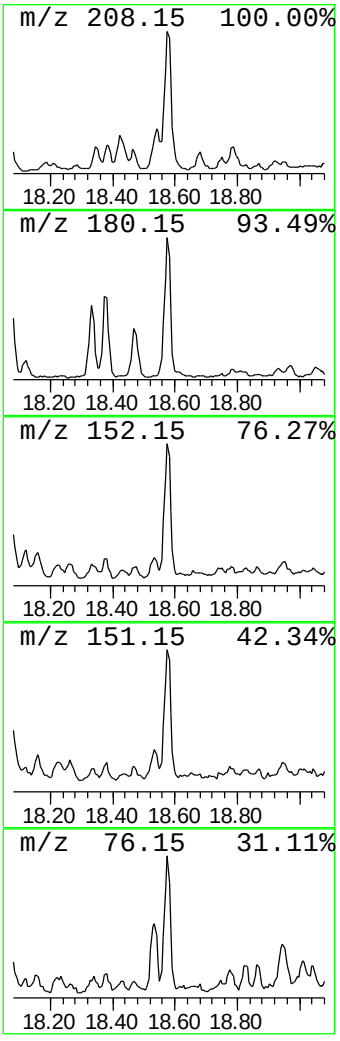
Peak Number 37 9,10-Anthracenedione Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	6.55 ng/ul	332155	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	86
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62





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Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

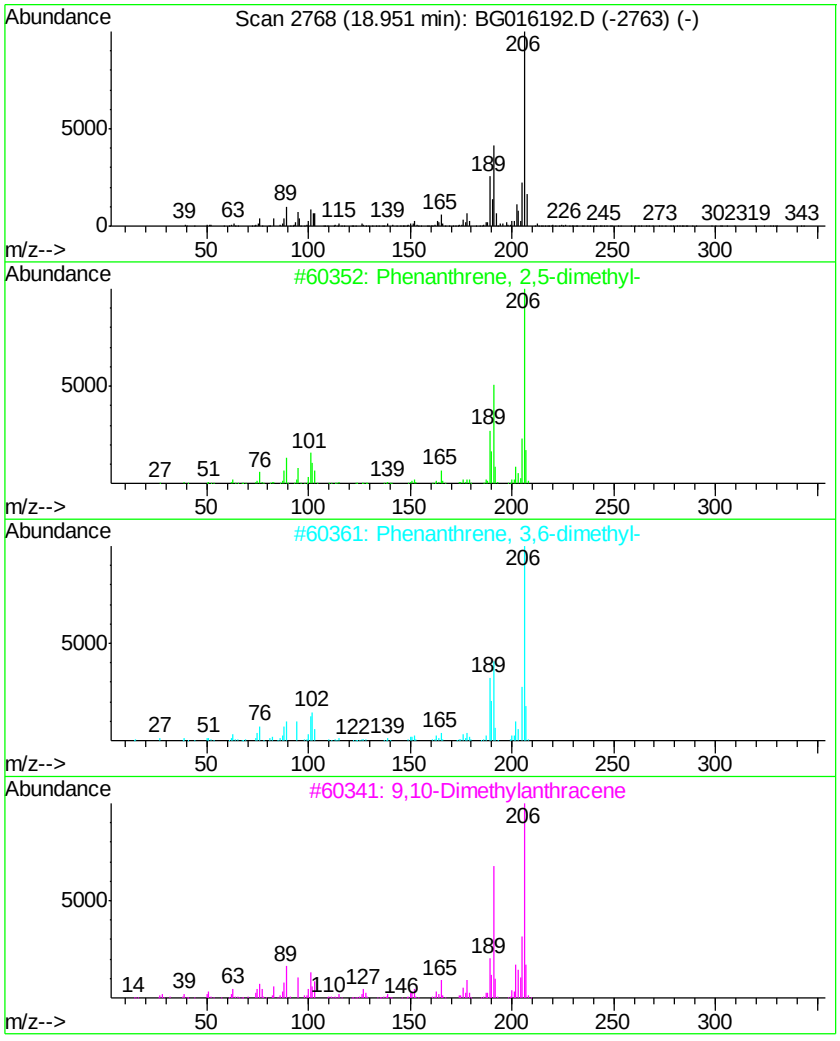
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

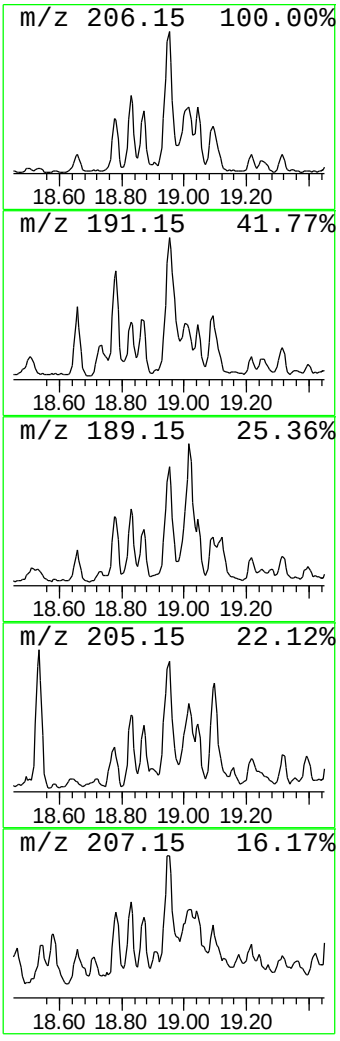
****

Peak Number 38 Phenanthrene, 2,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	9.74 ng/ul	493462	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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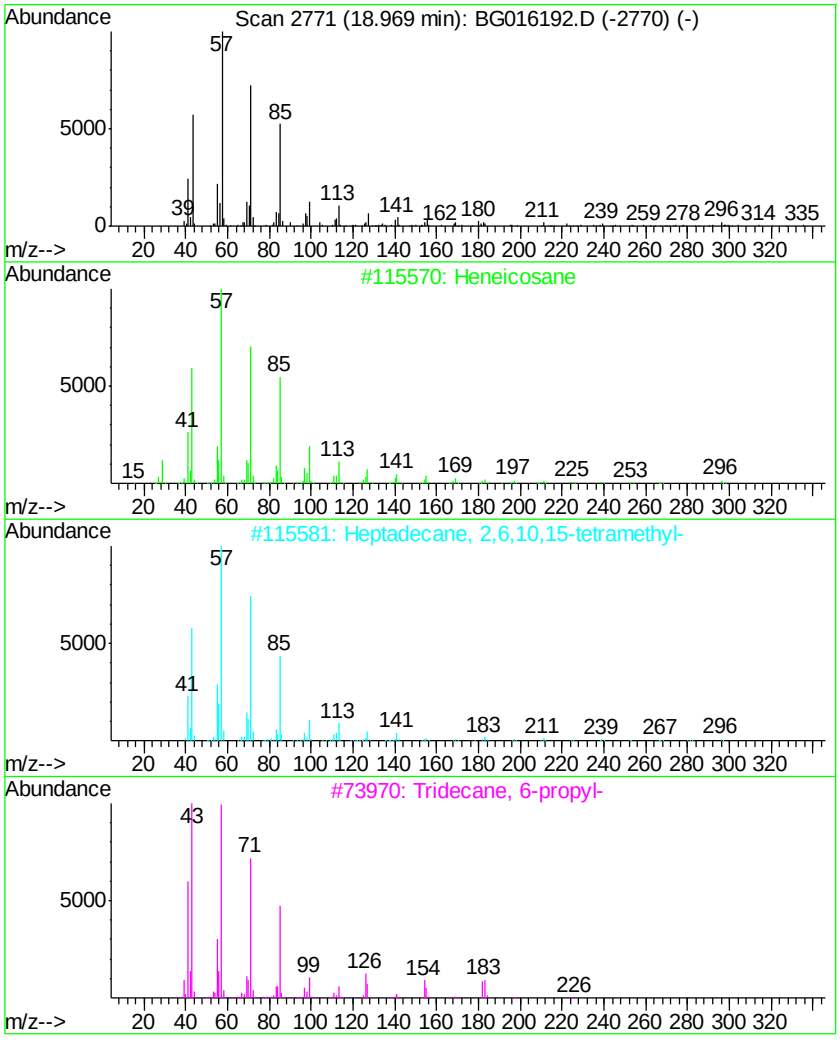
Quant Title : SVOA CALIBRATION

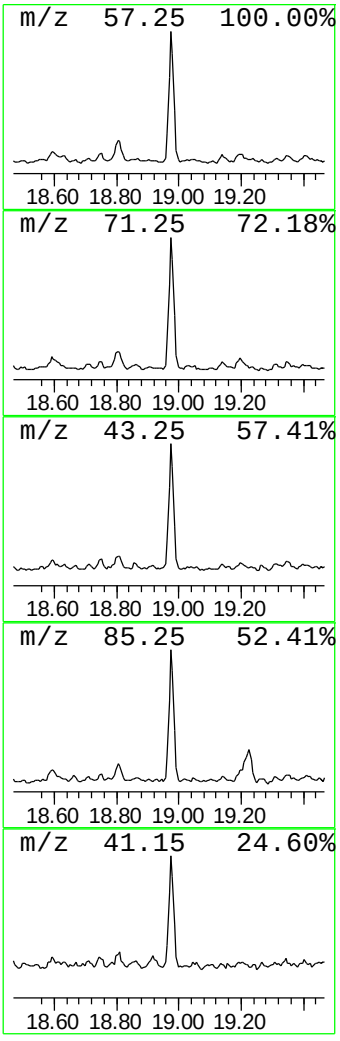
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chain Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	7.49 ng/ul	379340	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
4	Hexadecane	226	C16H34	000544-76-3	91
5	Nonadecane	268	C19H40	000629-92-5	91





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Instrument : BNA_G
ClientSampleId : C0AC6

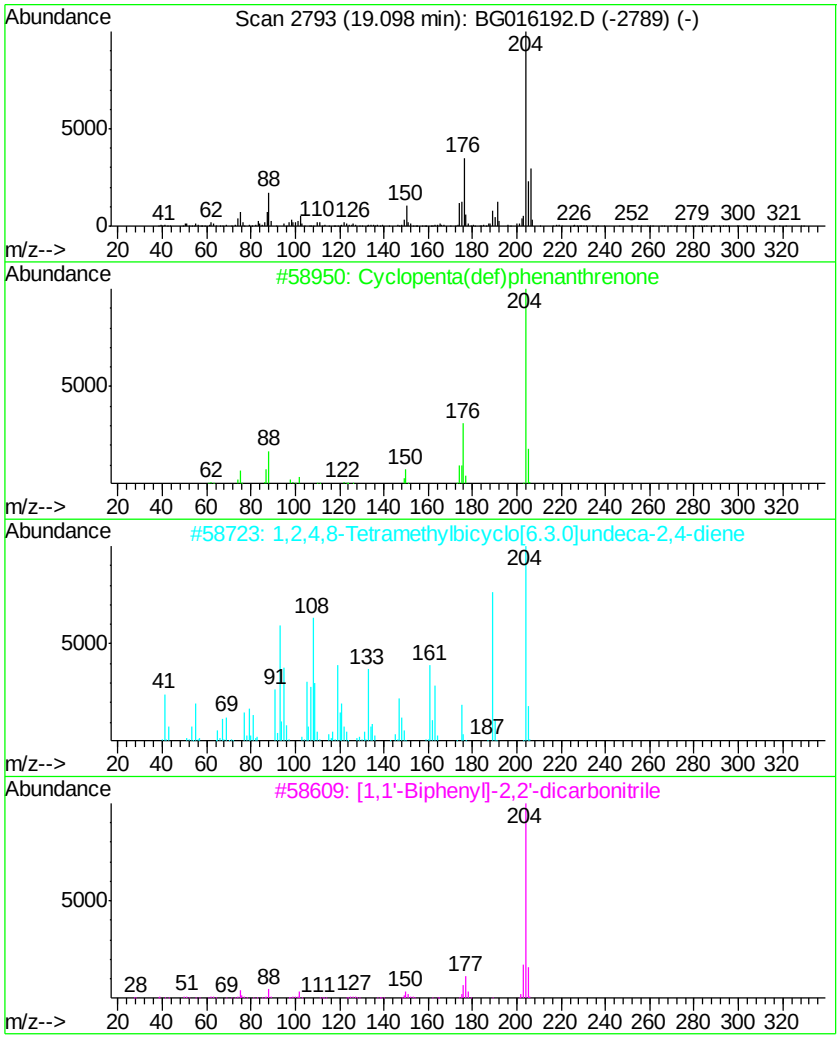
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

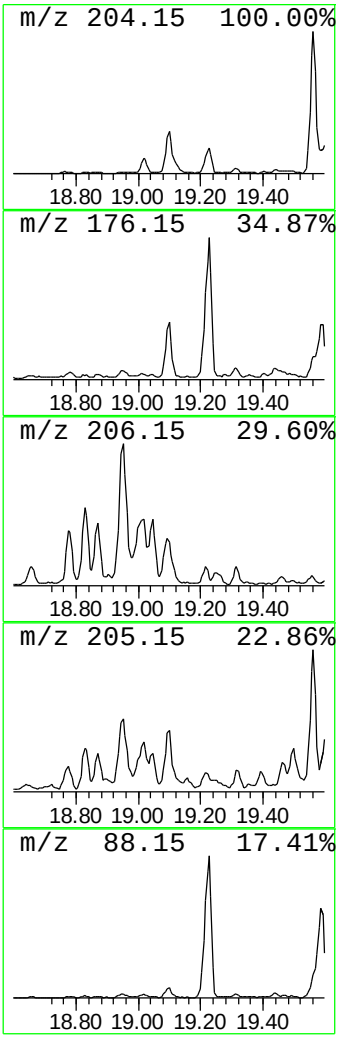
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Cyclopenta(def)phenanthrenone Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	7.94 ng/ul	402501	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47





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Misc :
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Quant Title : SVOA CALIBRATION

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

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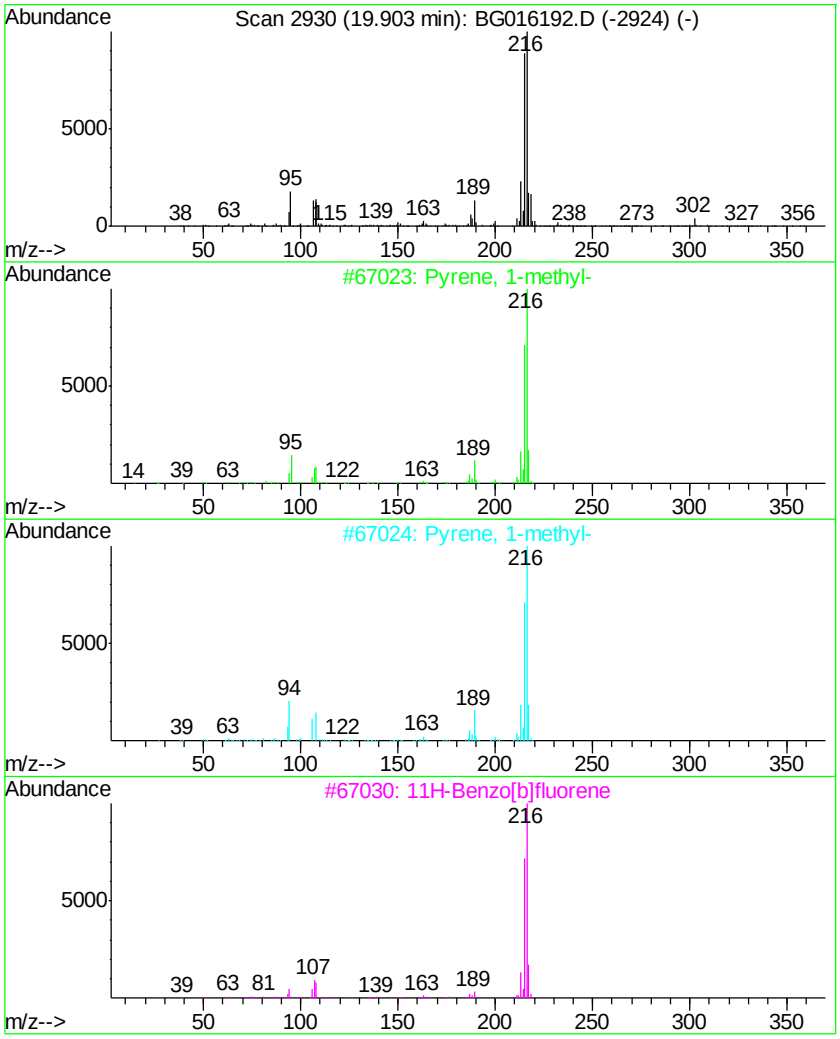
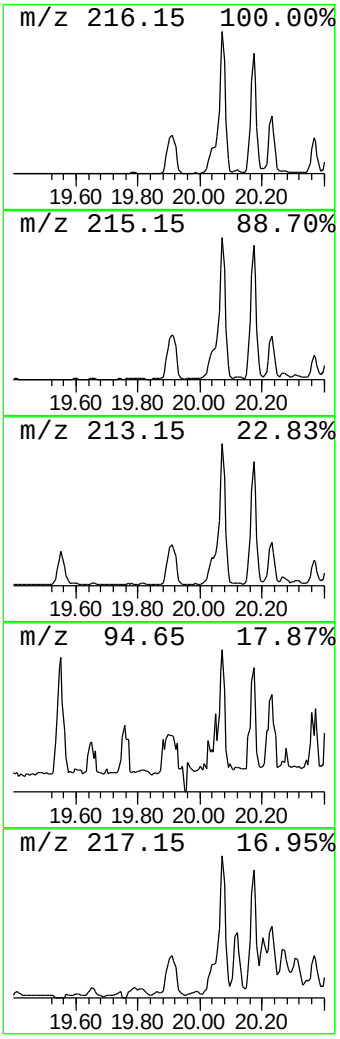
Peak Number 41 Pyrene, 1-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.82 ng/ul	987811	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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Instrument : BNA_G
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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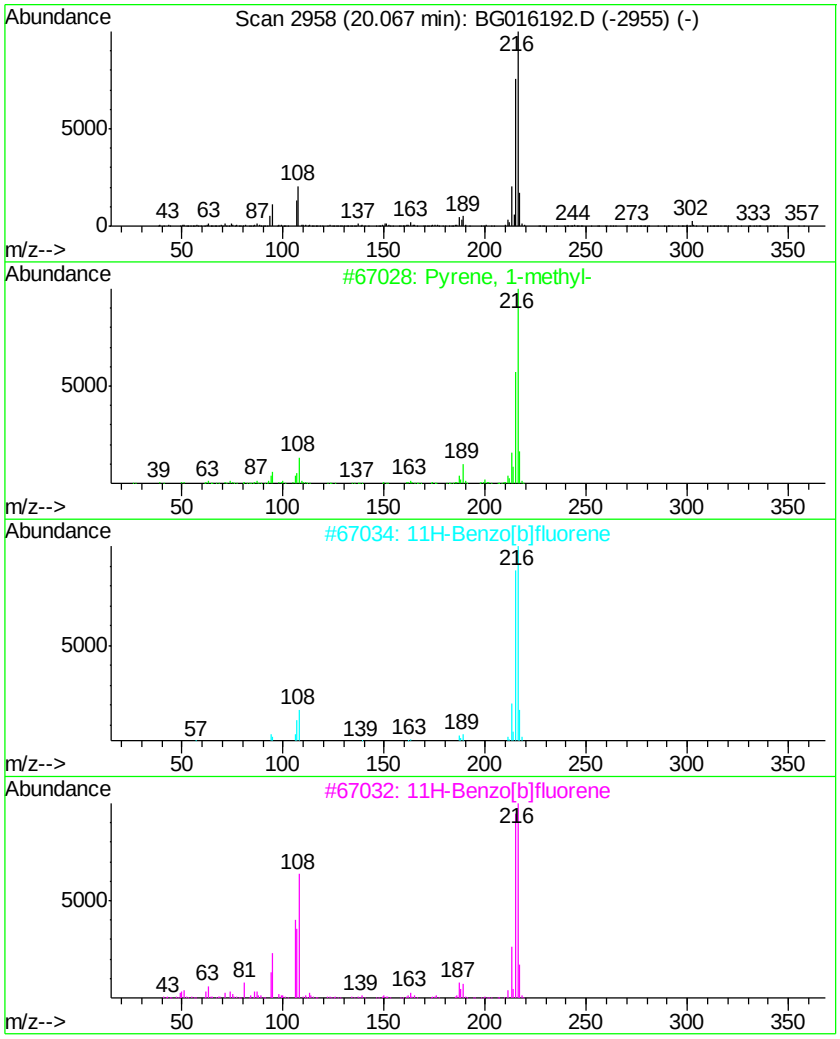
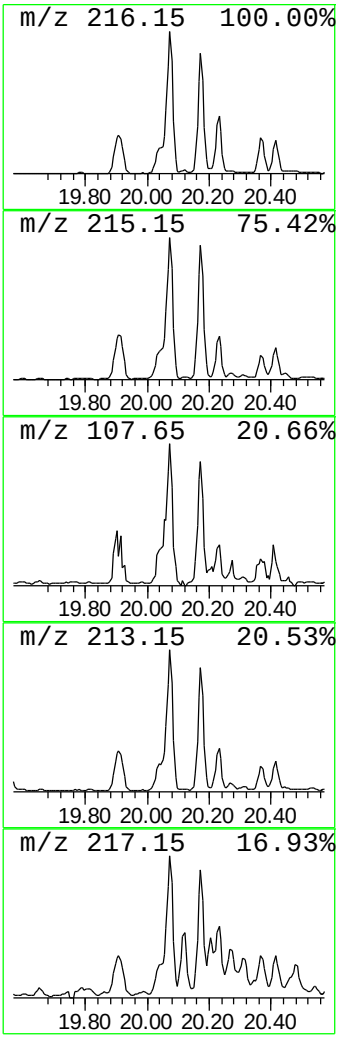
Peak Number 42 11H-Benzo[b]fluorene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	5.05 ng/ul	1770140	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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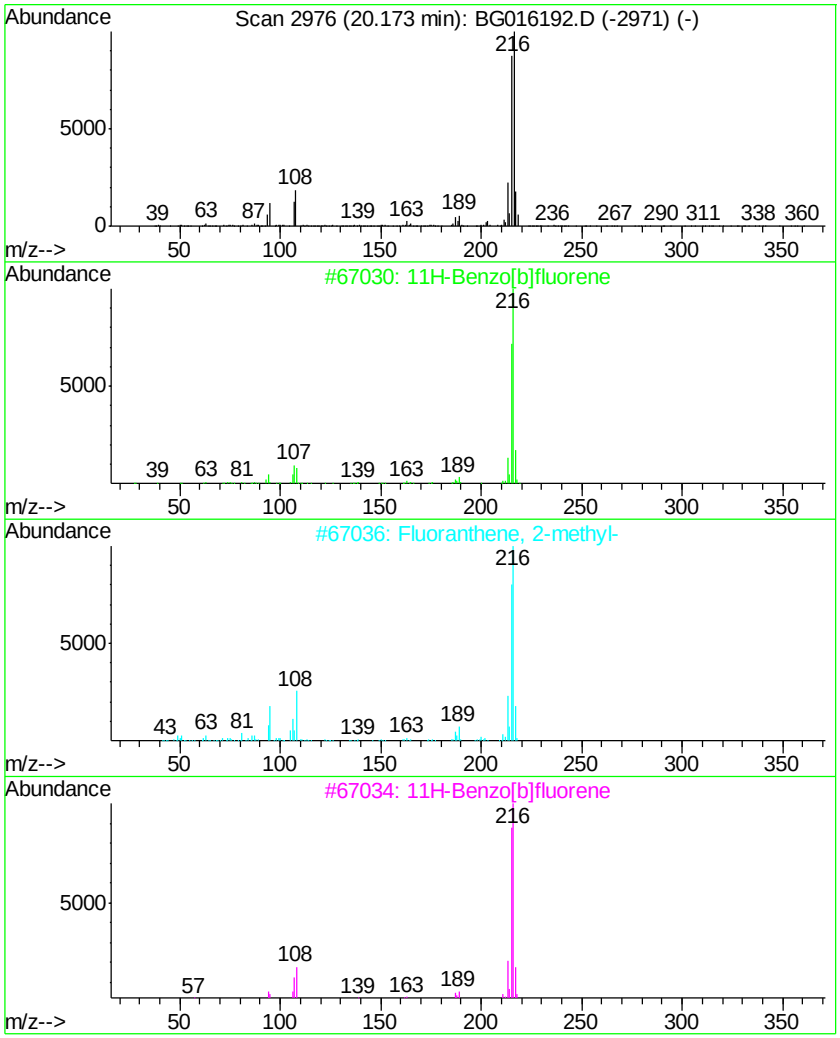
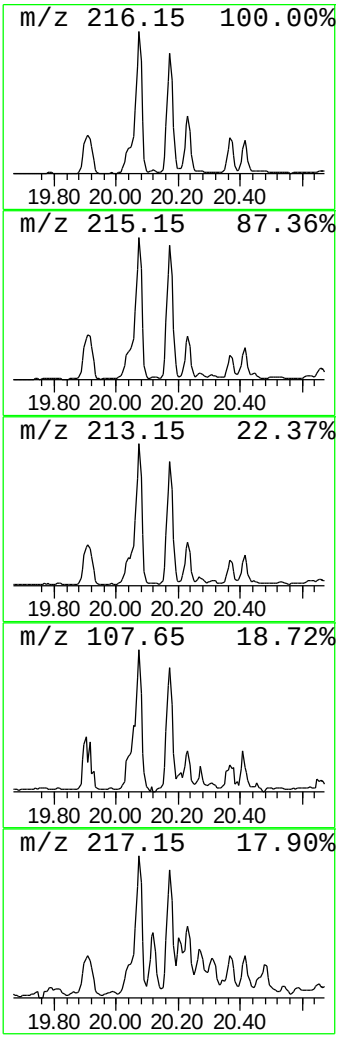
Peak Number 43 Fluoranthene, 2-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	3.78 ng/ul	1325270	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016192.D
Acq On : 28 Mar 2015 1:15
Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

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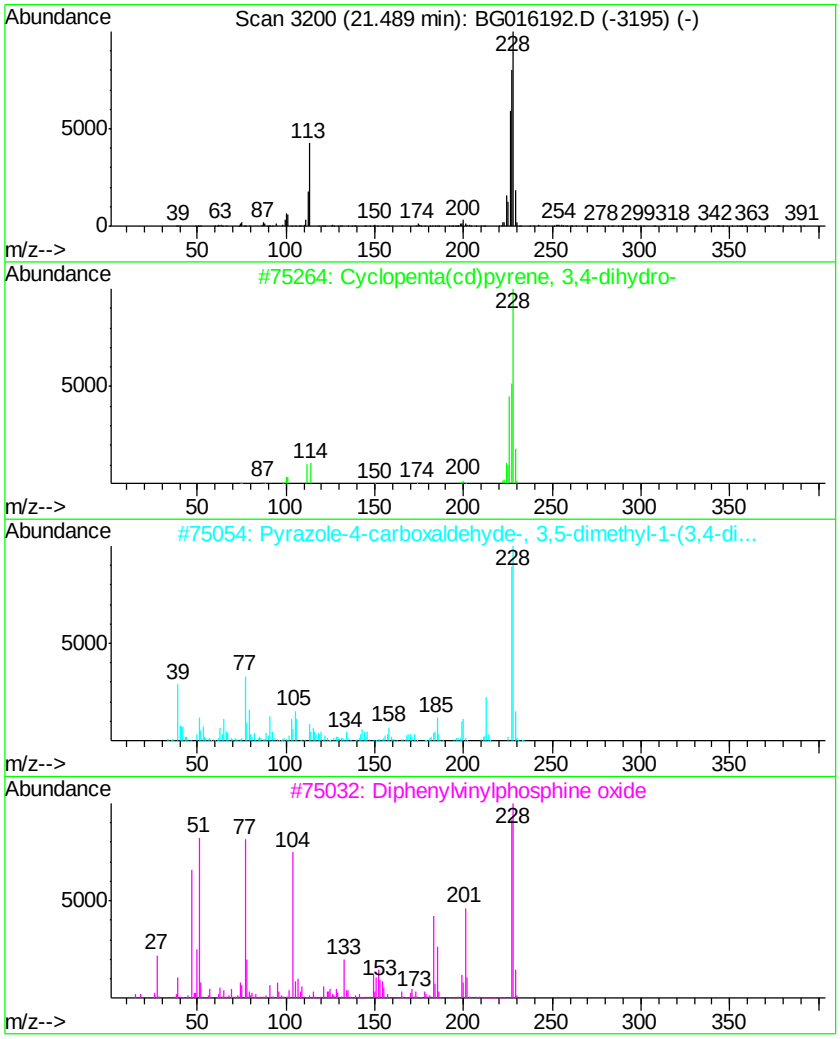
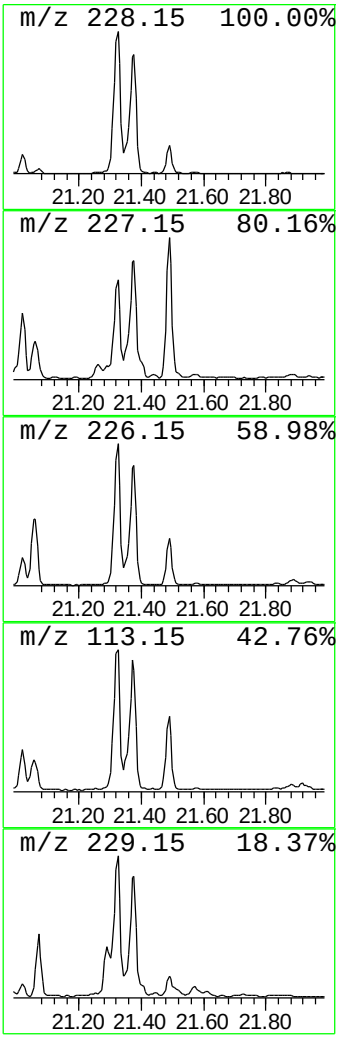
Peak Number 45 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	3.45 ng/ul	1208780	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	87
2	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
3	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	47
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
5	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016192.D
Acq On : 28 Mar 2015 1:15
Operator : TP/IZ
Sample : G1647-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.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
Butane, 2-methoxy...	3.01	12.3	ng/ul	265555	1	7.80	433264	20.0
(DEL) Alkane: Str...	12.00	9.4	ng/ul	369015	2	10.58	785268	20.0
1,4-Methanonaphth...	12.46	14.7	ng/ul	575048	2	10.58	785268	20.0
(DEL) Alkane: Str...	12.95	5.8	ng/ul	276269	3	14.42	960190	20.0
Naphthalene, 2,6-...	13.58	7.8	ng/ul	374298	3	14.42	960190	20.0
Naphthalene, 2,7-...	13.74	14.1	ng/ul	678425	3	14.42	960190	20.0
Naphthalene, 1,4-...	13.98	5.5	ng/ul	265448	3	14.42	960190	20.0
(DEL) Alkane: Str...	14.32	25.9	ng/ul	1243030	3	14.42	960190	20.0
unknown-01	14.73	4.7	ng/ul	226617	3	14.42	960190	20.0
Naphthalene, 2,3,...	14.89	9.4	ng/ul	453434	3	14.42	960190	20.0
(DEL) Alkane: Str...	14.93	9.1	ng/ul	438239	3	14.42	960190	20.0
Naphthalene, 1,6,...	15.03	5.9	ng/ul	282514	3	14.42	960190	20.0
Naphthalene, 1,4,...	15.09	5.0	ng/ul	238116	3	14.42	960190	20.0
(DEL) Alkane: Str...	15.27	34.3	ng/ul	1648080	3	14.42	960190	20.0
Nordiphenamid	15.63	6.2	ng/ul	298268	3	14.42	960190	20.0
(DEL) Alkane: Str...	15.67	19.5	ng/ul	936565	3	14.42	960190	20.0
Dibenzofuran, 4-m...	15.76	13.3	ng/ul	639695	3	14.42	960190	20.0
(DEL) Alkane: Str...	15.82	6.0	ng/ul	302495	4	17.16	1013470	20.0
9H-Fluoren-9-ol	15.90	16.5	ng/ul	836675	4	17.16	1013470	20.0
(DEL) Alkane: Str...	16.13	45.6	ng/ul	2312820	4	17.16	1013470	20.0
9H-Fluorene, 9-me...	16.47	6.3	ng/ul	316863	4	17.16	1013470	20.0
(DEL) Alkane: Cyclic	16.73	4.5	ng/ul	229725	4	17.16	1013470	20.0
9,10-Phenanthrene...	16.81	7.8	ng/ul	395836	4	17.16	1013470	20.0
(DEL) Alkane: Str...	16.91	34.6	ng/ul	1755550	4	17.16	1013470	20.0
(DEL) Alkane: Str...	16.97	28.7	ng/ul	1455370	4	17.16	1013470	20.0
(DEL) Alkane: Str...	17.65	24.2	ng/ul	1225980	4	17.16	1013470	20.0
Dibenzothiophene,...	17.74	6.3	ng/ul	317410	4	17.16	1013470	20.0
Anthracene, 1-met...	18.03	17.0	ng/ul	861844	4	17.16	1013470	20.0
Phenanthrene, 2-m...	18.08	27.9	ng/ul	1411660	4	17.16	1013470	20.0
Phenanthrene, 1-m...	18.16	12.4	ng/ul	630275	4	17.16	1013470	20.0
4H-Cyclopenta[def...	18.23	37.7	ng/ul	1911620	4	17.16	1013470	20.0
Anthracene, 2-met...	18.26	9.3	ng/ul	472404	4	17.16	1013470	20.0
(DEL) Alkane: Str...	18.35	13.9	ng/ul	705711	4	17.16	1013470	20.0
2-Phenylnaphthalene	18.53	12.3	ng/ul	623148	4	17.16	1013470	20.0
9,10-Anthracenedione	18.58	6.5	ng/ul	332155	4	17.16	1013470	20.0
Phenanthrene, 2,5...	18.95	9.7	ng/ul	493462	4	17.16	1013470	20.0
(DEL) Alkane: Str...	18.97	7.5	ng/ul	379340	4	17.16	1013470	20.0
Cyclopenta(def)ph...	19.10	7.9	ng/ul	402501	4	17.16	1013470	20.0
Pyrene, 1-methyl-	19.90	2.8	ng/ul	987811	5	21.34	7016490	20.0
11H-Benzo[b]fluorene	20.07	5.0	ng/ul	1770140	5	21.34	7016490	20.0
Fluoranthene, 2-m...	20.17	3.8	ng/ul	1325270	5	21.34	7016490	20.0
Cyclopenta(cd)pyr...	21.49	3.5	ng/ul	1208780	5	21.34	7016490	20.0