LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

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-BG121415.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	3.113	43	47	54	rBV3	8328	16717	3.11%	0.336%
2	3.196	57	61	67	rVB	11889	15172	2.82%	0.305%
3	5.581	462	467	472	rBV	6160	10091	1.88%	0.203%
4	6.086	549	553	558	rBV2	2818	4335	0.81%	0.087%
5	7.238	744	749	756	rBB3	4769	9175	1.71%	0.184%
6	7.414	775	779	784	rBV	3437	5370	1.00%	0.108%
7	7.620	809	814	821	rBB2	3095	5164	0.96%	0.104%
8	7.743	829	835	840	rBV2	5784	10308	1.92%	0.207%
9	8.096	888	895	904	rBB	57989	100494	18.70%	2.020%
10	8.472	953	959	966	rBV2	33522	57687	10.73%	1.159%
11	8.795	1008	1014	1018	rBV2	3879	5787	1.08%	0.116%
12	9.200	1078	1083	1088	rBB	3228	4632	0.86%	0.093%
13	9.259	1088	1093	1100	rBV4	3451	6780	1.26%	0.136%
14	9.994	1213	1218	1221	rVB3	2140	3392	0.63%	0.068%
15	10.152	1239	1245	1252	rBB2	4665	7613	1.42%	0.153%
16	10.317	1267	1273	1274	rBV3	4916	8030	1.49%	0.161%
17	10.405	1281	1288	1292	rBV2	8935	16085	2.99%	0.323%
18	10.534	1305	1310	1315	rVB2	4062	6626	1.23%	0.133%
19	10.910	1368	1374	1378	rVV	83479	152714	28.41%	3.069%
20	10.963	1378	1383	1391	rVB	256580	450356	83.79%	9.051%
21	11.045	1393	1397	1401	rBV4	5034	7759	1.44%	0.156%
22	11.915	1541	1545	1549	rBV4	3424	5071	0.94%	0.102%
23	12.455	1632	1637	1646	rVB	1829	3302	0.61%	0.066%
24	12.561	1646	1655	1662	rBV	186083	302072	56.20%	6.071%
25	12.778	1683	1692	1700	rVB	100353	164133	30.54%	3.299%
26	13.249	1769	1772	1780	rVB3	5216	7083	1.32%	0.142%
27	13.560	1816	1825	1830	rBV2	15776	27218	5.06%	0.547%
28	13.754	1852	1858	1868	rVB	33218	52847	9.83%	1.062%
29	13.889	1874	1881	1882	rBV	27829	39997	7.44%	0.804%
30	14.048	1899	1908	1913	rBV	43858	77126	14.35%	1.550%
31	14.100	1913	1917	1925	rVB2	26541	52849	9.83%	1.062%
32	14.165	1925	1928	1930	rBV2	6836	8007	1.49%	0.161%
33	14.283	1943	1948	1952	rBV	19371	29994	5.58%	0.603%
34	14.424	1965	1972	1974	rBV2	12104	21972	4.09%	0.442%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

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-BG121415.M
Title : SVOA CALIBRATION

35	14.447	1974	1976	1982	rVB2	11446	14614	2.72%	0.294%
36	14.606	1998	2003	2008	rVV4	3129	5679	1.06%	0.114%
37	14.723	2018	2023	2029	rVB2	140746	230373	42.86%	4.630%
38	14.788	2029	2034	2041	rVB	69081	110109	20.49%	2.213%
39	14.923	2052	2057	2064	rVV4	9160	18791	3.50%	0.378%
40	15.117	2084	2090	2096	rBV3	15157	27240	5.07%	0.547%
41	15.193	2098	2103	2108	rBV2	9136	15405	2.87%	0.310%
42	15.334	2120	2127	2132	rBV5	7726	14090	2.62%	0.283%
43	15.393	2132	2137	2140	rBV3	5333	8267	1.54%	0.166%
44	15.511	2150	2157	2159	rBV5	6215	11976	2.23%	0.241%
45	15.593	2167	2171	2177	rVB	10899	16225	3.02%	0.326%
46	15.652	2177	2181	2183	rBV4	3008	4921	0.92%	0.099%
47	15.716	2188	2192	2196	rVB	23656	32687	6.08%	0.657%
48	15.769	2196	2201	2211	rVB	39594	67571	12.57%	1.358%
49	15.851	2211	2215	2216	rBV3	3449	3882	0.72%	0.078%
50	15.963	2226	2234	2243	rVB5	10750	29339	5.46%	0.590%
51	16.051	2247	2249	2257	rVB7	3886	6007	1.12%	0.121%
52	16.110	2257	2259	2265	rVB5	3287	5051	0.94%	0.102%
53	16.180	2265	2271	2276	rBV	15731	26675	4.96%	0.536%
54	16.433	2306	2314	2320	rBV2	19730	34084	6.34%	0.685%
55	16.480	2320	2322	2327	rVB4	2209	3552	0.66%	0.071%
56	16.574	2335	2338	2342	rBV4	2409	3841	0.71%	0.077%
57	16.768	2363	2371	2376	rBV5	11649	30586	5.69%	0.615%
58	16.821	2376	2380	2385	rVB4	11957	18346	3.41%	0.369%
59	16.921	2394	2397	2403	rVB2	7398	10225	1.90%	0.205%
60	16.991	2403	2409	2412	rBV5	2635	5843	1.09%	0.117%
61	17.026	2412	2415	2417	rBV3	2527	3444	0.64%	0.069%
62	17.126	2429	2432	2437	rVB5	5725	7393	1.38%	0.149%
63	17.261	2450	2455	2457	rBV2	10856	16616	3.09%	0.334%
64	17.473	2484	2491	2494	rBV2	204820	325449	60.55%	6.540%
65	17.514	2494	2498	2503	rVV	151967	225951	42.04%	4.541%
66	17.567	2503	2507	2509	rVV	20782	27354	5.09%	0.550%
67	17.602	2509	2513	2518	rVV	41254	56653	10.54%	1.139%
68	17.667	2518	2524	2528	rVV8	5352	11922	2.22%	0.240%
69	17.702	2528	2530	2533	rVB3	3305	3552	0.66%	0.071%
70	17.743	2533	2537	2541	rBV5	3352	6297	1.17%	0.127%
71	17.873	2554	2559	2565	rBV6	8241	16156	3.01%	0.325%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

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-BG121415.M
Title : SVOA CALIBRATION

72	17.990	2576	2579	2582	rVV	3708	4581	0.85%	0.092%
73	18.049	2586	2589	2594	rVB3	8713	11009	2.05%	0.221%
74	18.196	2608	2614	2619	rBV4	3969	8154	1.52%	0.164%
75	18.343	2634	2639	2643	rBV	33972	48596	9.04%	0.977%
76	18.390	2643	2647	2654	rVB	41345	58953	10.97%	1.185%
77	18.472	2654	2661	2667	rBV2	17456	28694	5.34%	0.577%
78	18.536	2667	2672	2676	rVV2	41445	85365	15.88%	1.716%
79	18.572	2676	2678	2684	rVB	27154	34594	6.44%	0.695%
80	18.742	2704	2707	2710	rVB4	3117	4177	0.78%	0.084%
81	18.836	2718	2723	2728	rBV	17783	25089	4.67%	0.504%
82	19.083	2762	2765	2770	rVB4	6585	8313	1.55%	0.167%
83	19.130	2770	2773	2777	rBV2	5540	6839	1.27%	0.137%
84	19.159	2777	2778	2785	rVB3	4329	5029	0.94%	0.101%
85	19.253	2789	2794	2798	rBV3	20385	32250	6.00%	0.648%
86	19.312	2799	2804	2808	rBV6	9205	19864	3.70%	0.399%
87	19.388	2813	2817	2820	rBV4	5911	11255	2.09%	0.226%
88	19.518	2833	2839	2845	rBV	71357	106298	19.78%	2.136%
89	19.665	2860	2864	2869	rBV	19101	27185	5.06%	0.546%
90	19.847	2891	2895	2897	rBV3	32068	44822	8.34%	0.901%
91	19.876	2897	2900	2909	rVB	94752	138135	25.70%	2.776%
92	19.947	2909	2912	2918	rBV7	6694	10597	1.97%	0.213%
93	20.364	2980	2983	2988	rVB	27133	38932	7.24%	0.782%
94	20.464	2997	3000	3007	rBV	20577	29305	5.45%	0.589%
95	20.522	3007	3010	3015	rBV	14796	19620	3.65%	0.394%
96	20.669	3031	3035	3038	rBV	11607	18058	3.36%	0.363%
97	20.710	3039	3042	3051	rVB2	16740	28223	5.25%	0.567%
98	21.744	3209	3218	3223	rBV	295423	537506	100.00%	10.802%
99	23.971	3592	3597	3598	rBV5	7564	11472	2.13%	0.231%
100	25.017	3766	3775	3784	rVB	156241	420930	78.31%	8.459%

Sum of corrected areas: 4975969

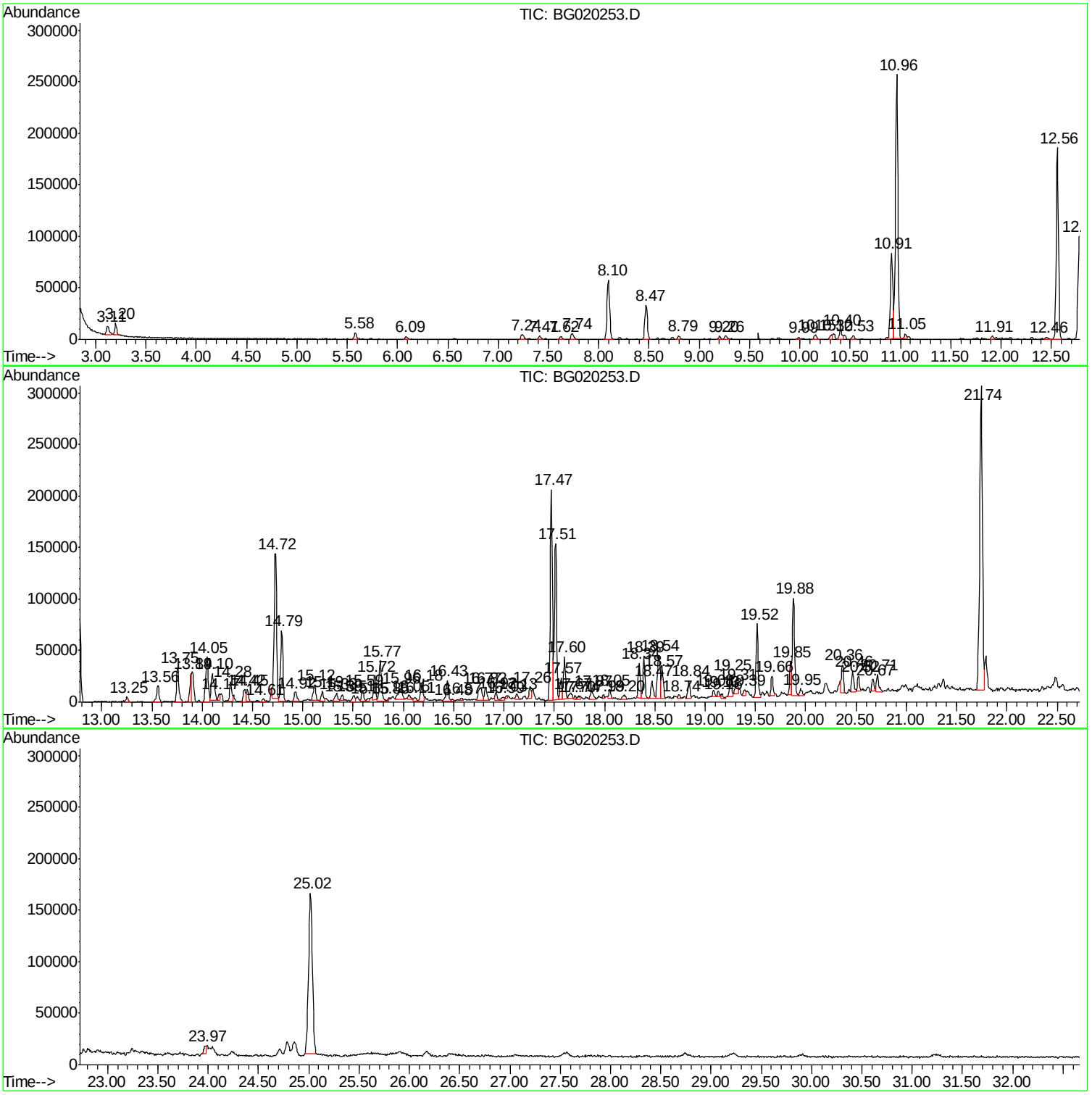
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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\BG121815\
Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

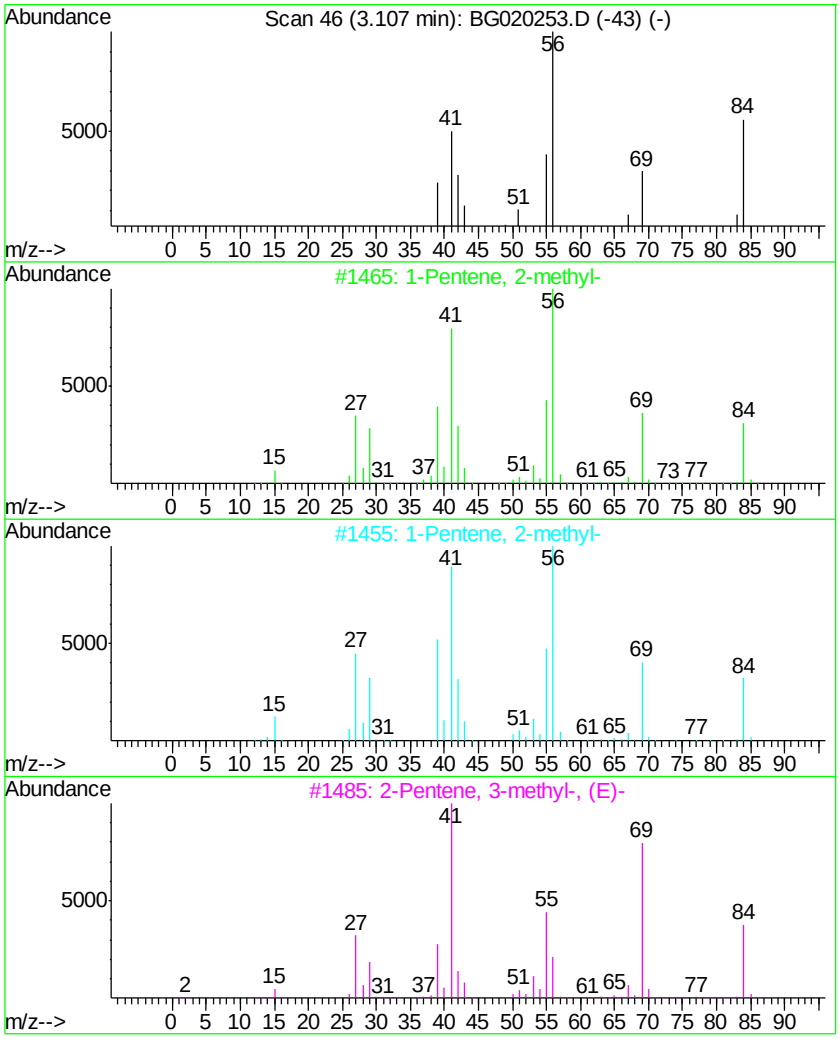
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

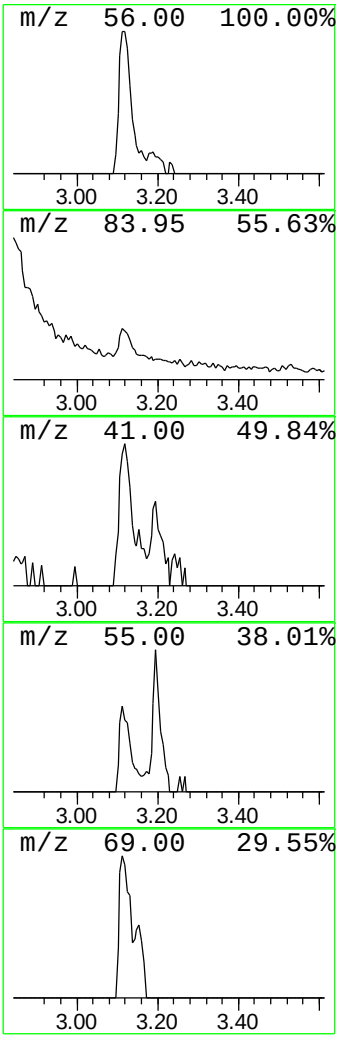
****

Peak Number 1 (DEL) Alkane: Cyclic3.11 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	3.33 ng/ul	16717	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	9
4	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	9
5	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

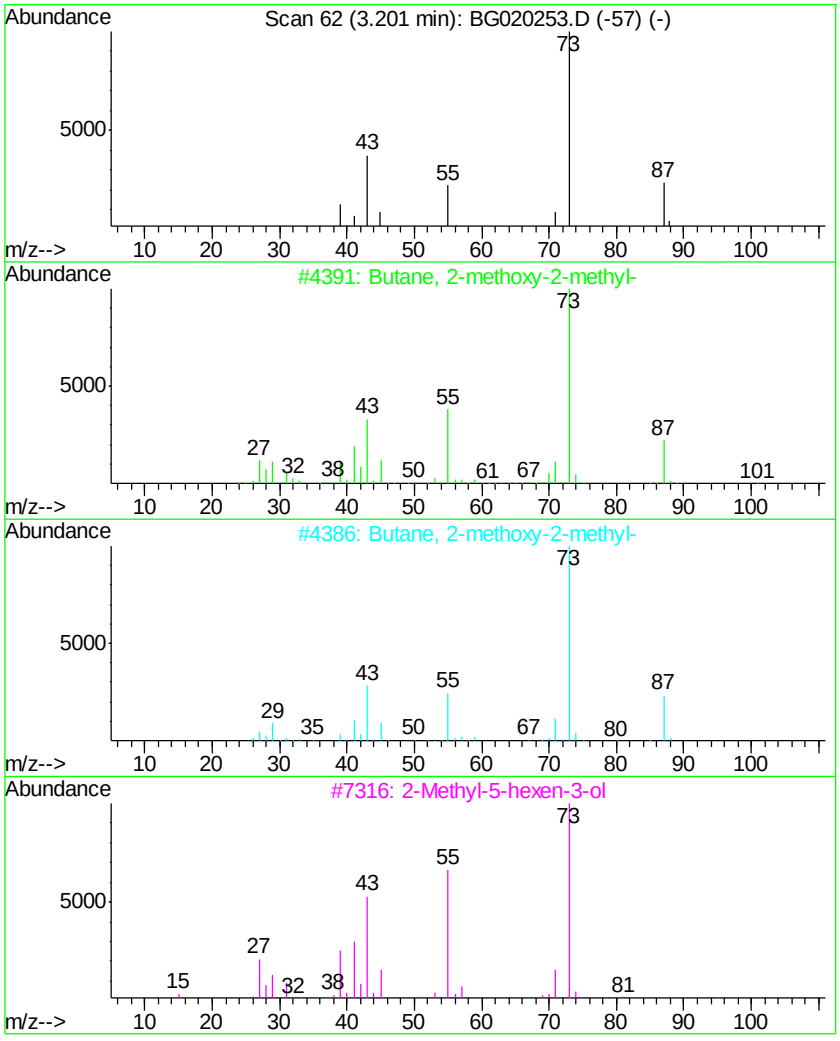
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

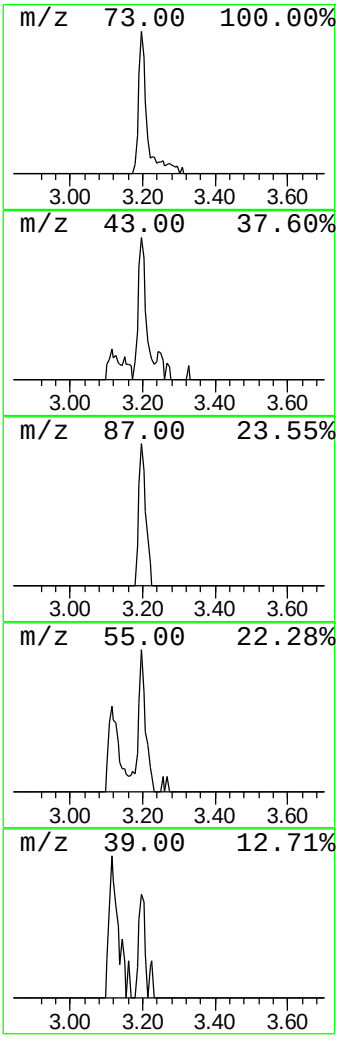
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	3.02 ng/ul	15172	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

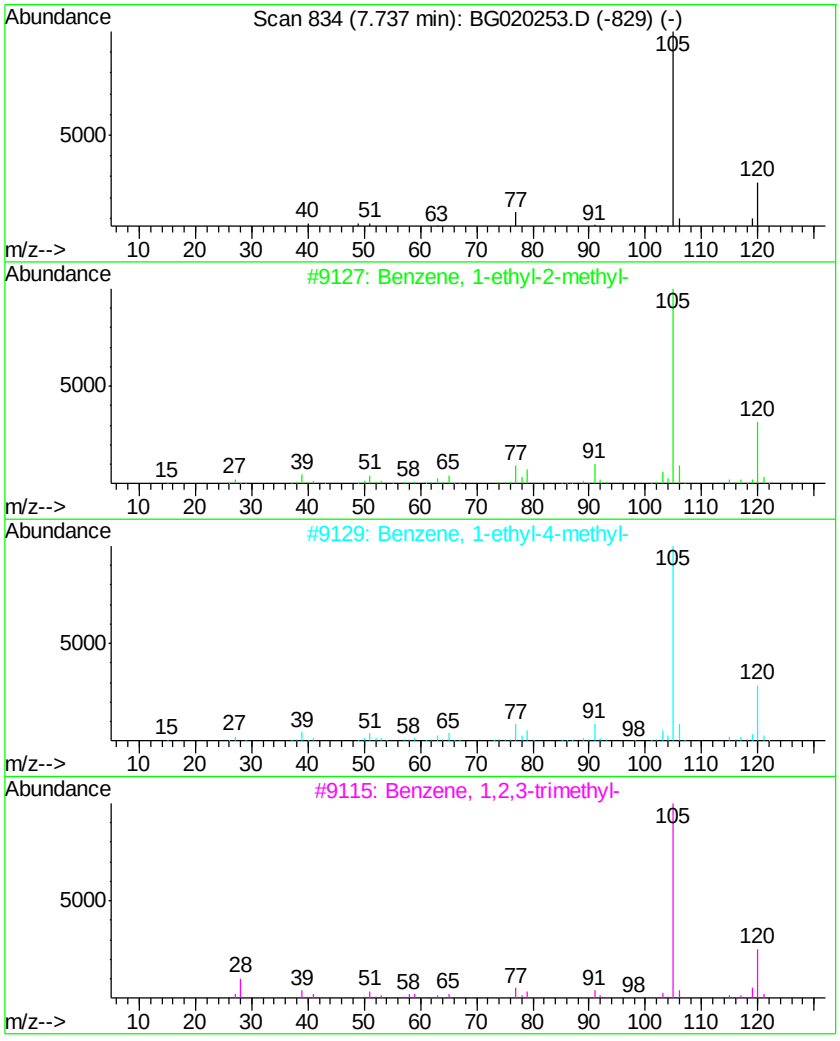
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

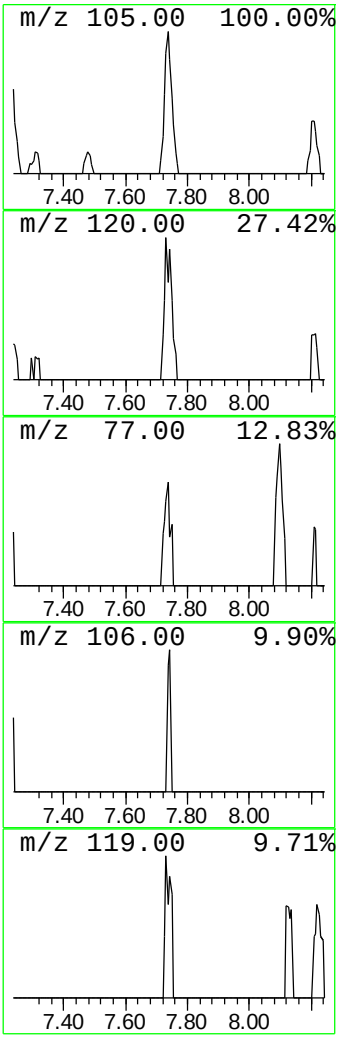
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	2.05 ng/ul	10308	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	52
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	52
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

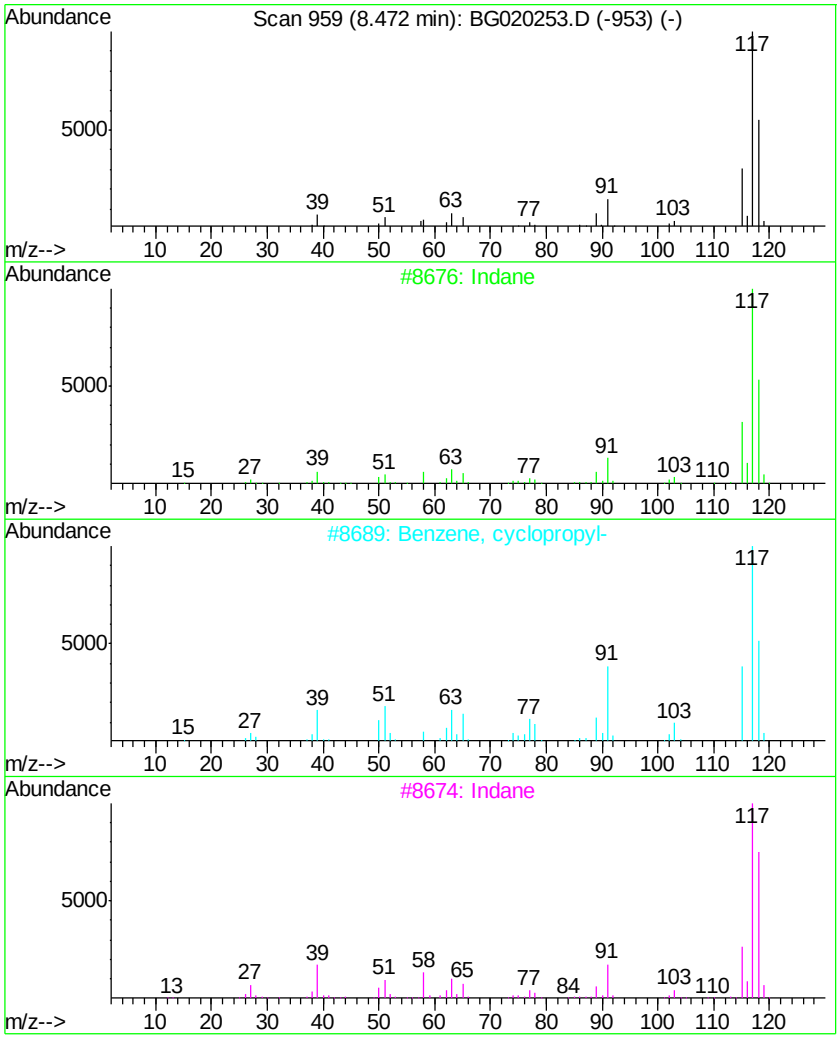
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

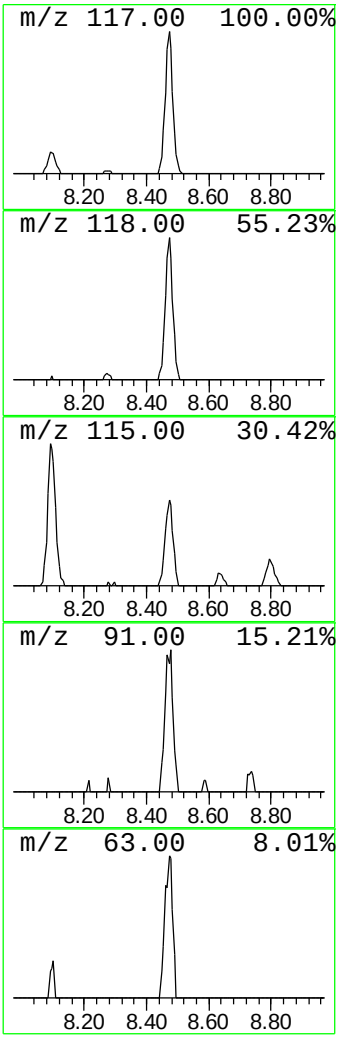
****

Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	11.48 ng/ul	57687	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Indane	118	C9H10	000496-11-7	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	53
5	Deltacyclene	118	C9H10	007785-10-6	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

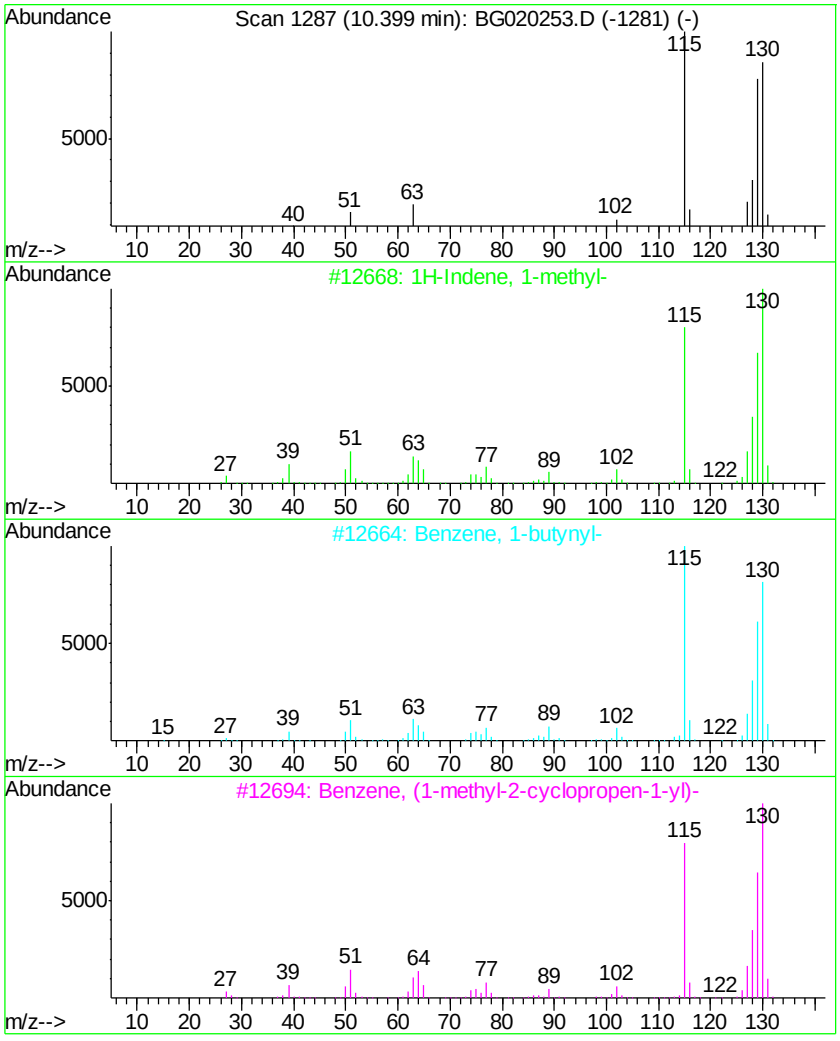
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

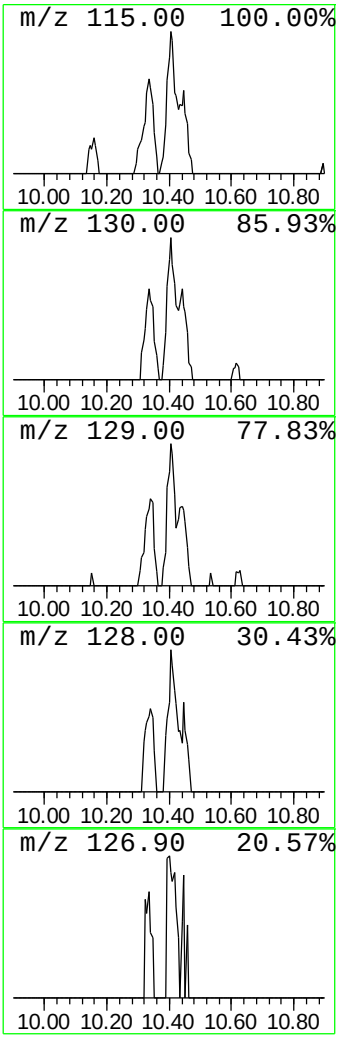
****

Peak Number 6 1H-Indene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	2.11 ng/ul	16085	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	87
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	87
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	87
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	83
5	2-Methylindene	130	C10H10	002177-47-1	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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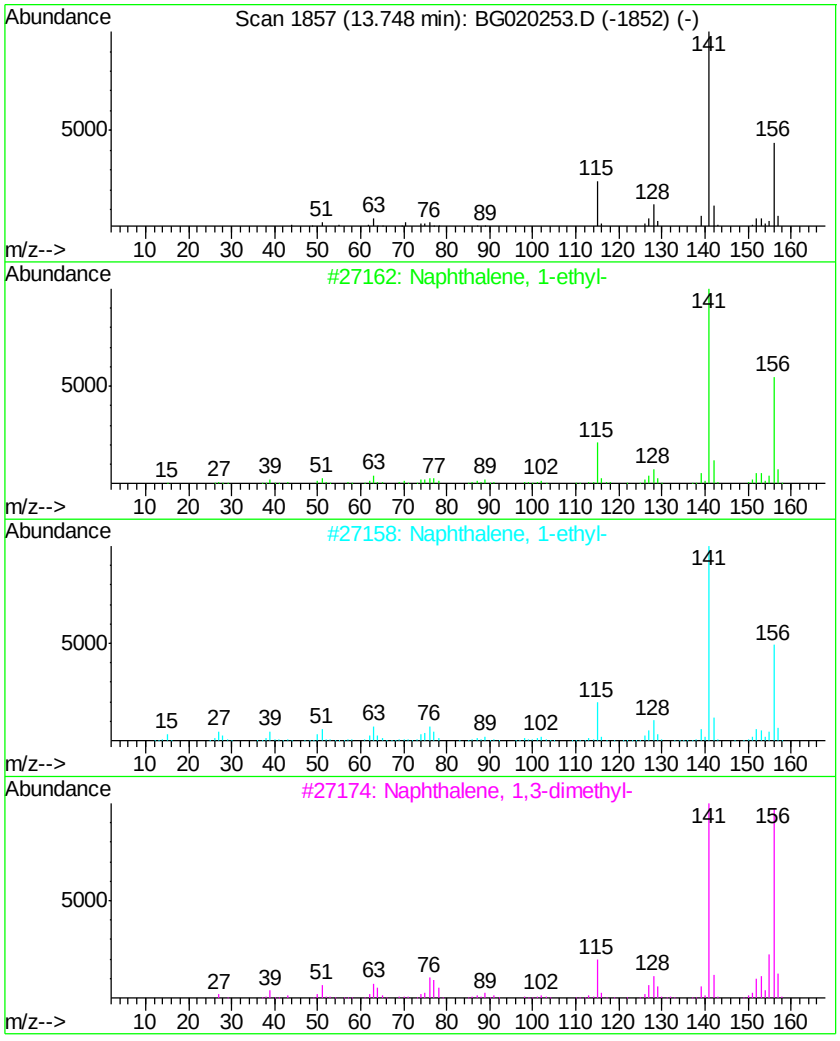
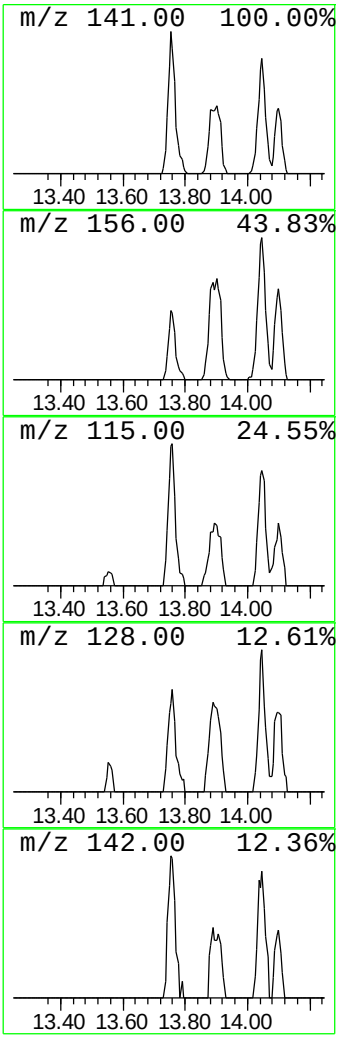
Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	4.59 ng/ul	52847	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90





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Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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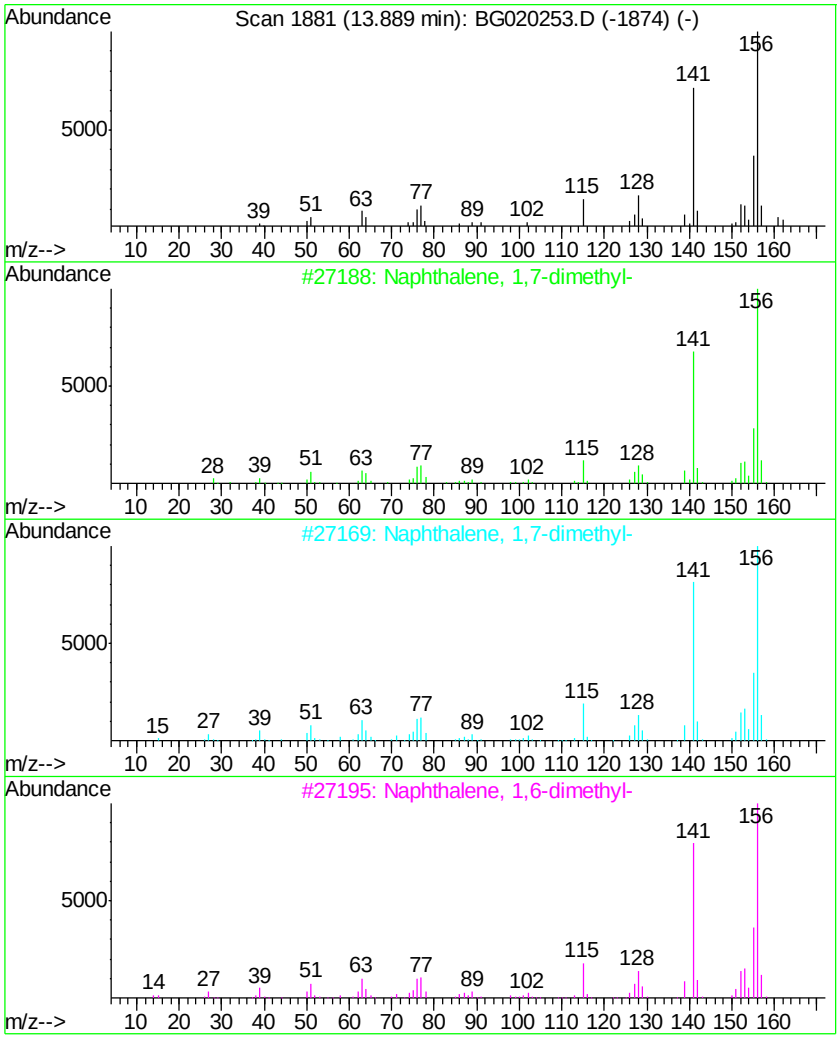
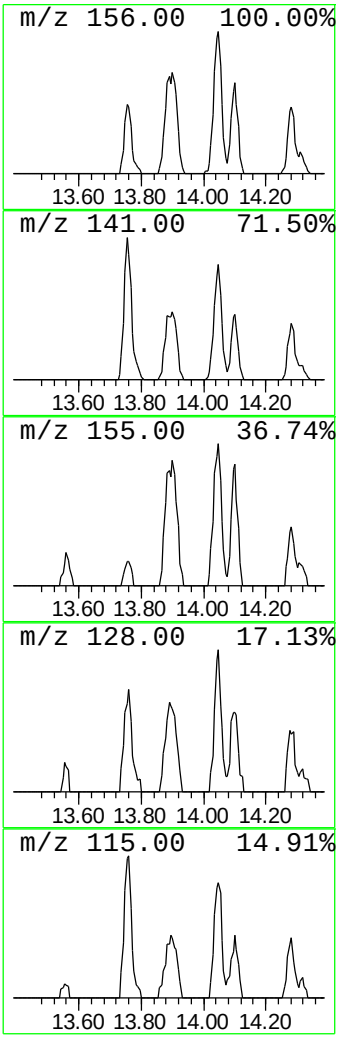
Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.47 ng/ul	39997	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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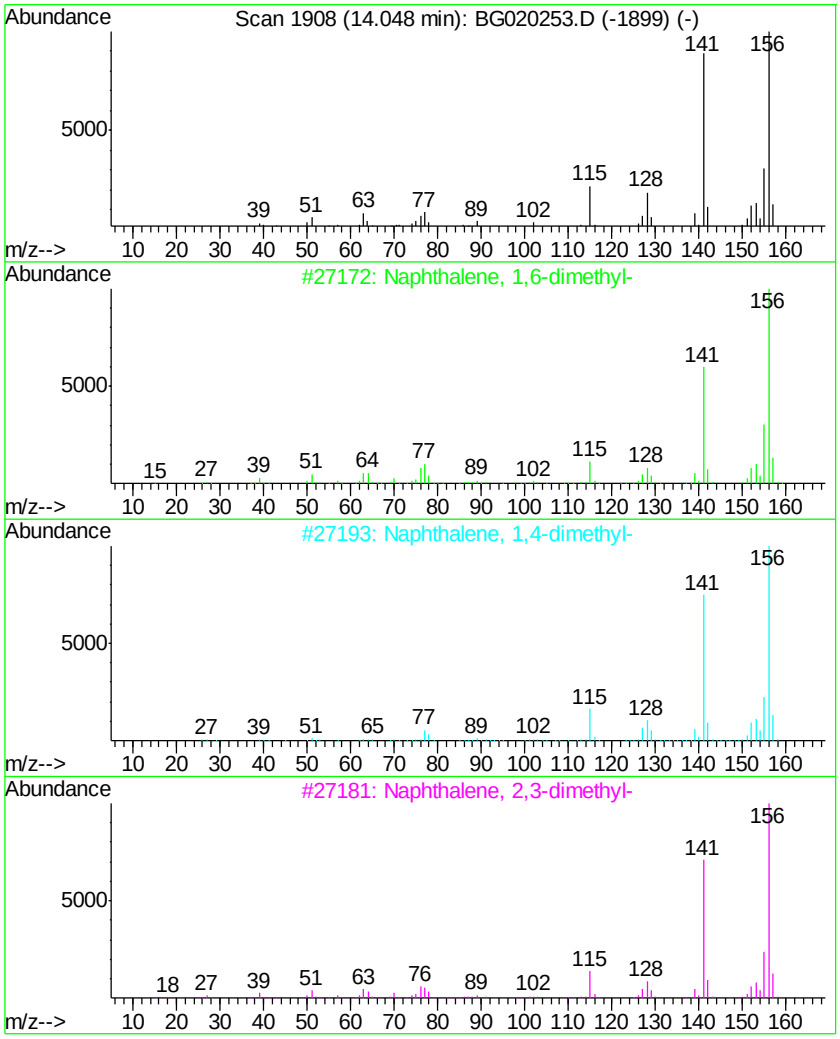
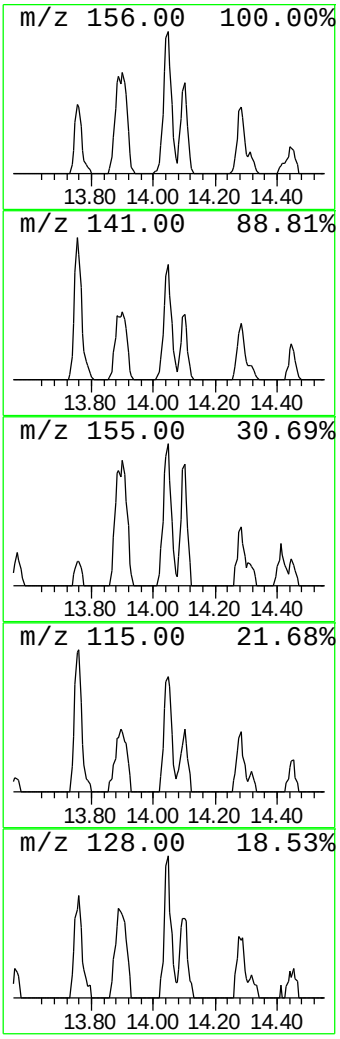
Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	6.70 ng/ul	77126	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

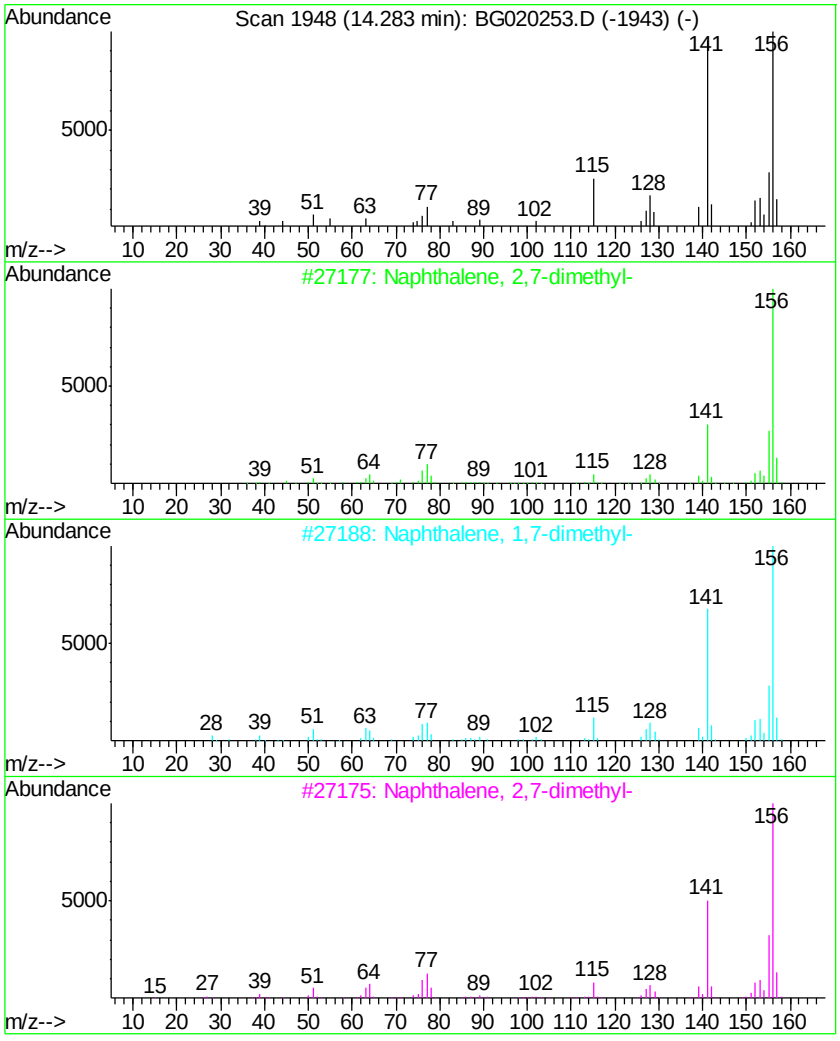
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

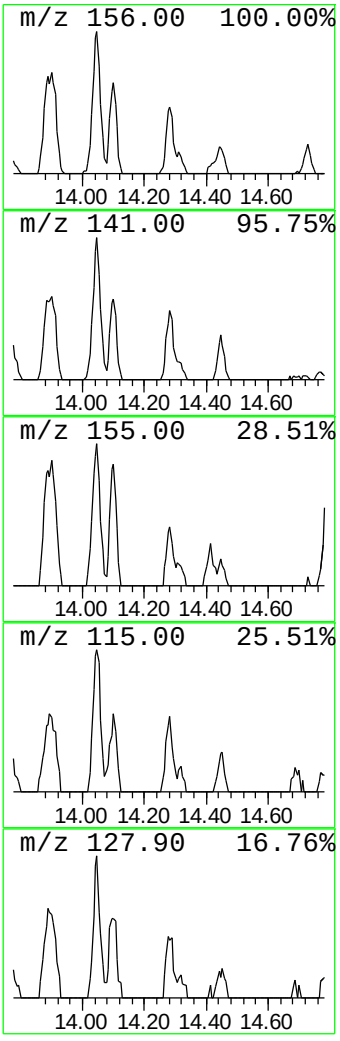
****

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	2.60 ng/ul	29994	Acenaphthene-d10	14.72

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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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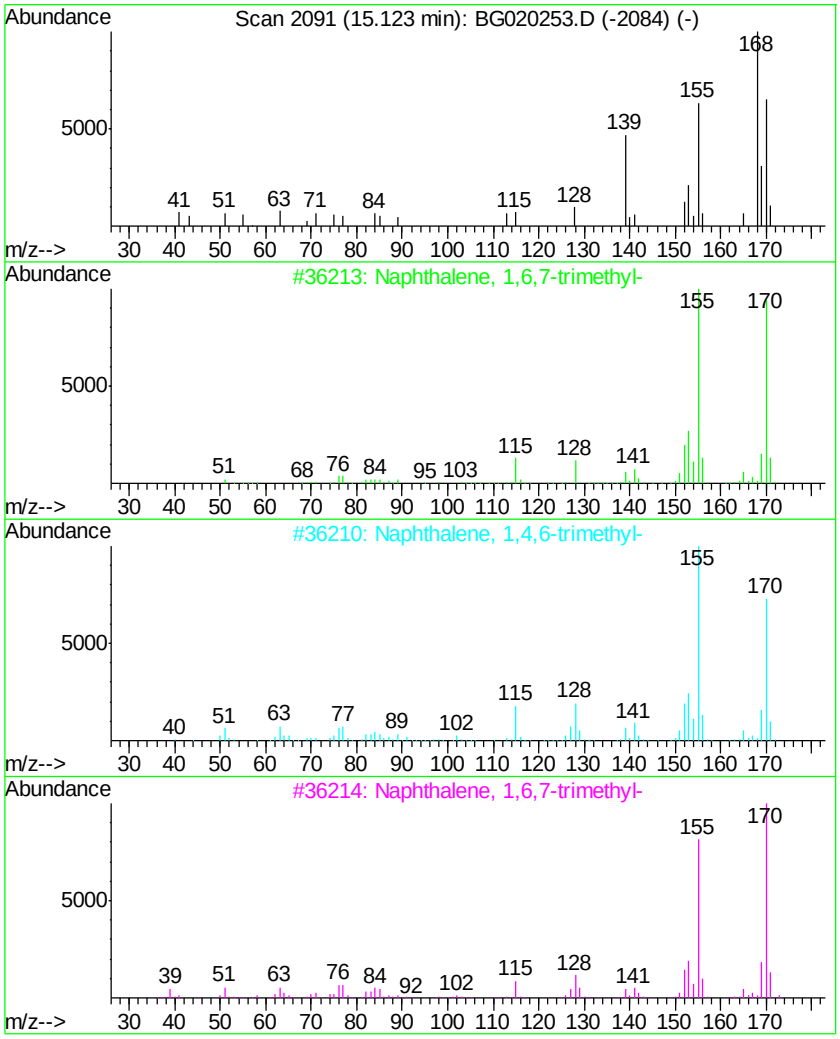
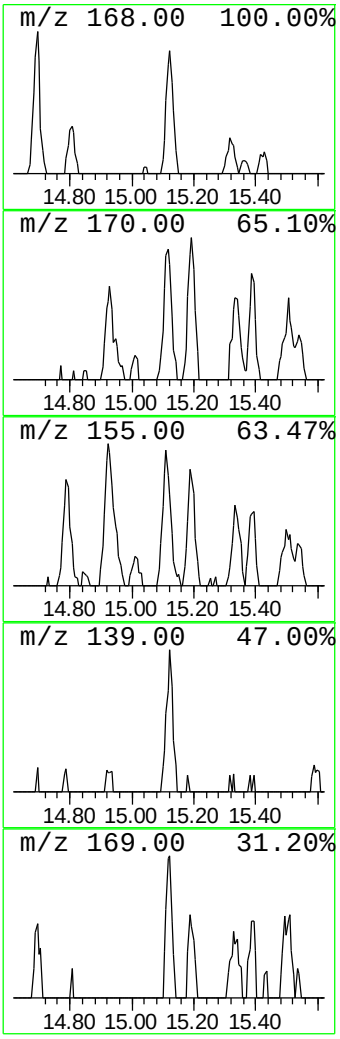
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.36 ng/ul	27240	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64





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Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

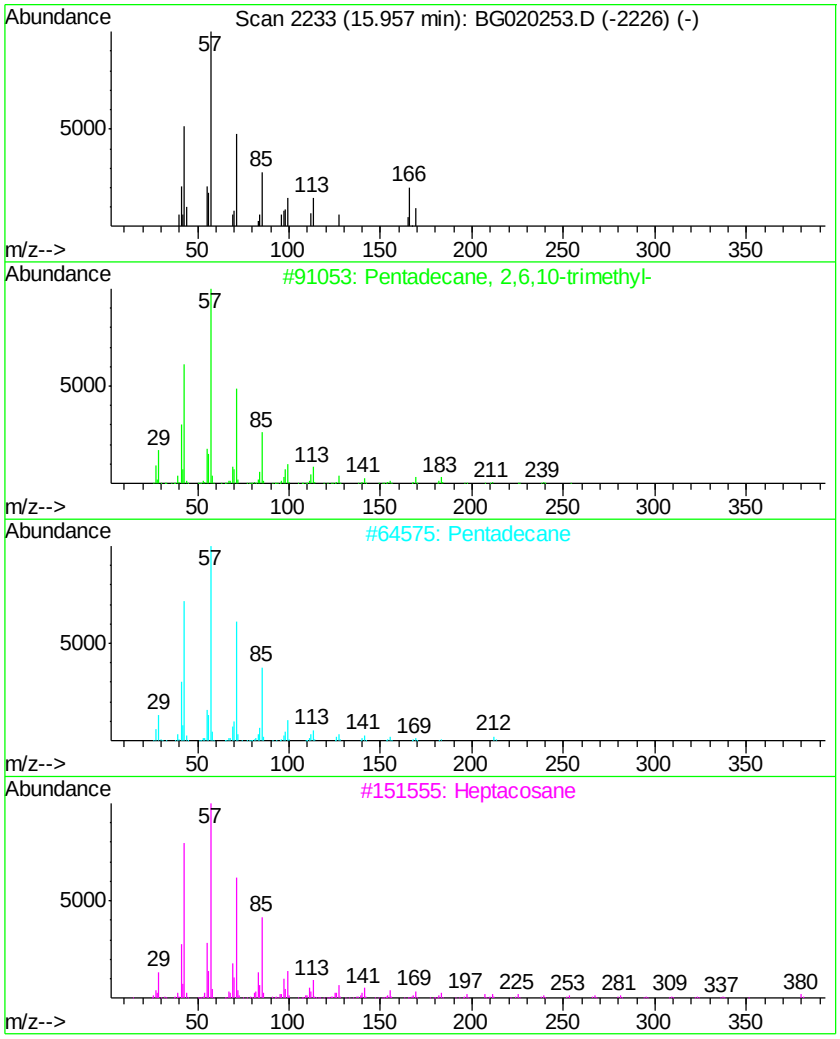
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

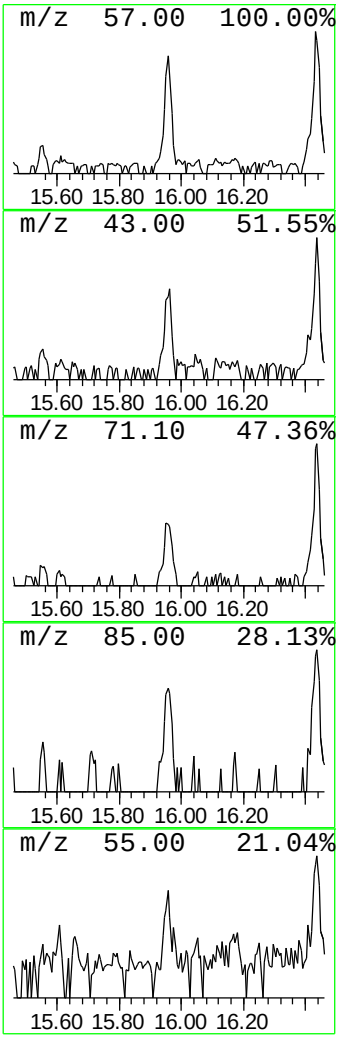
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.55 ng/ul	29339	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	47
2	Pentadecane	212	C15H32	000629-62-9	43
3	Heptacosane	380	C27H56	000593-49-7	43
4	Octadecane	254	C18H38	000593-45-3	43
5	Pentacosane	352	C25H52	000629-99-2	38





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Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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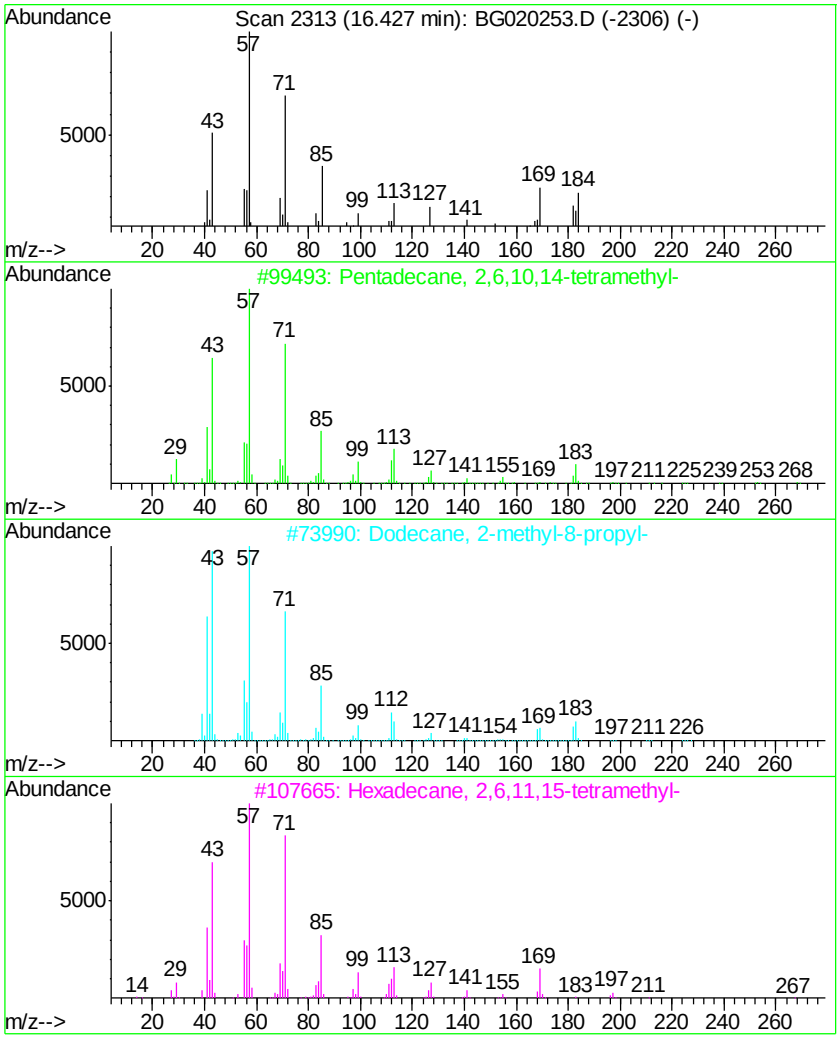
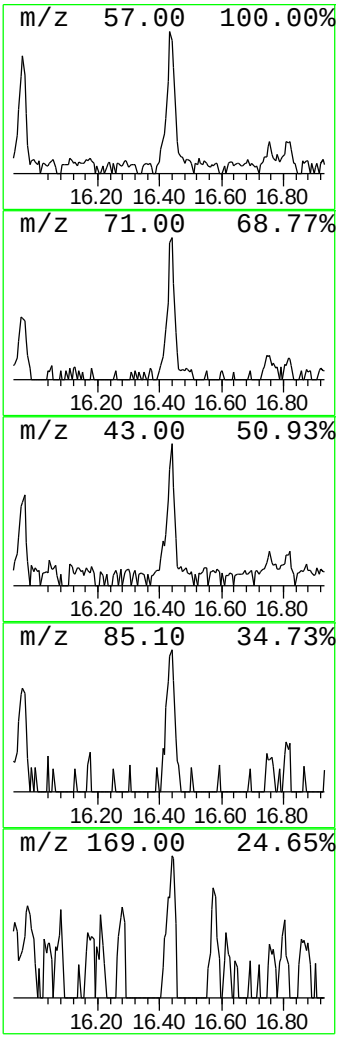
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.09 ng/ul	34084	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64





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Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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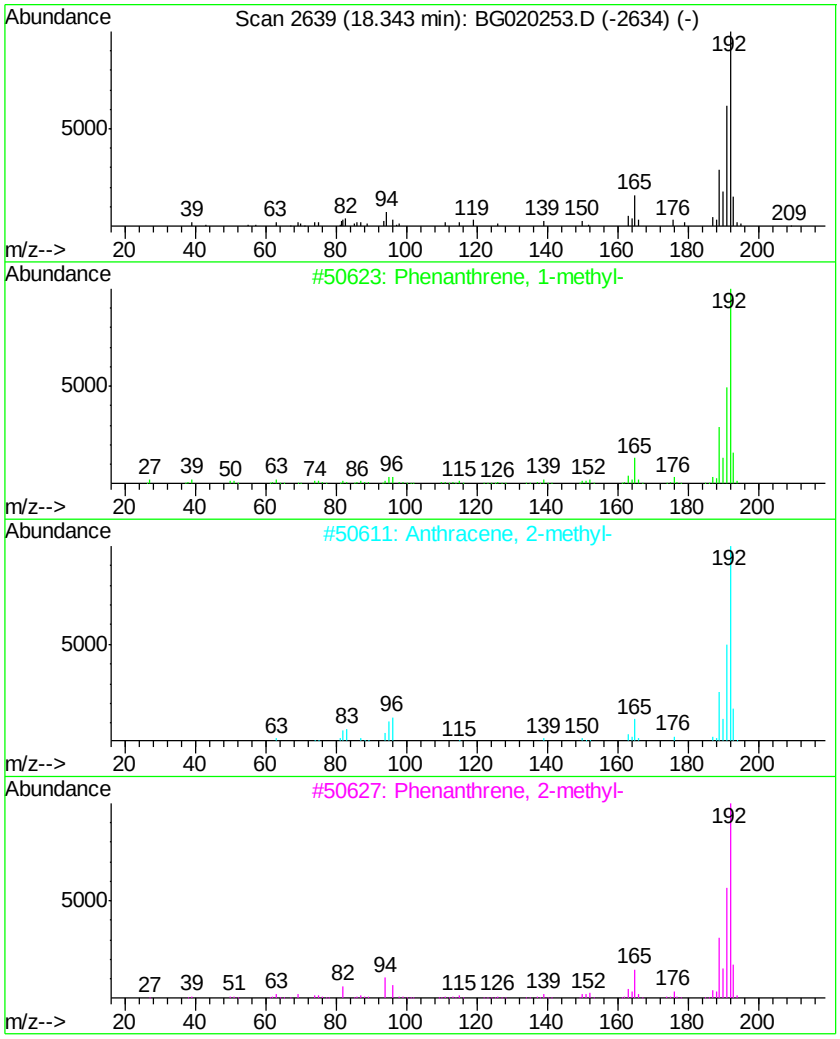
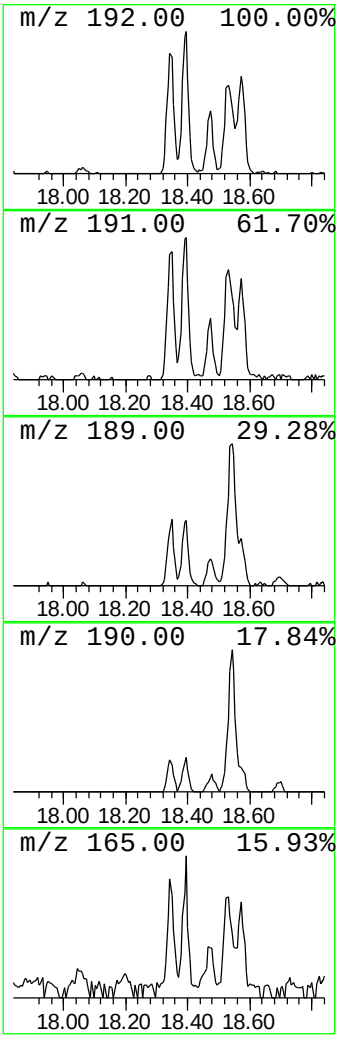
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.99 ng/ul	48596	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.62 ng/ul	58953	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
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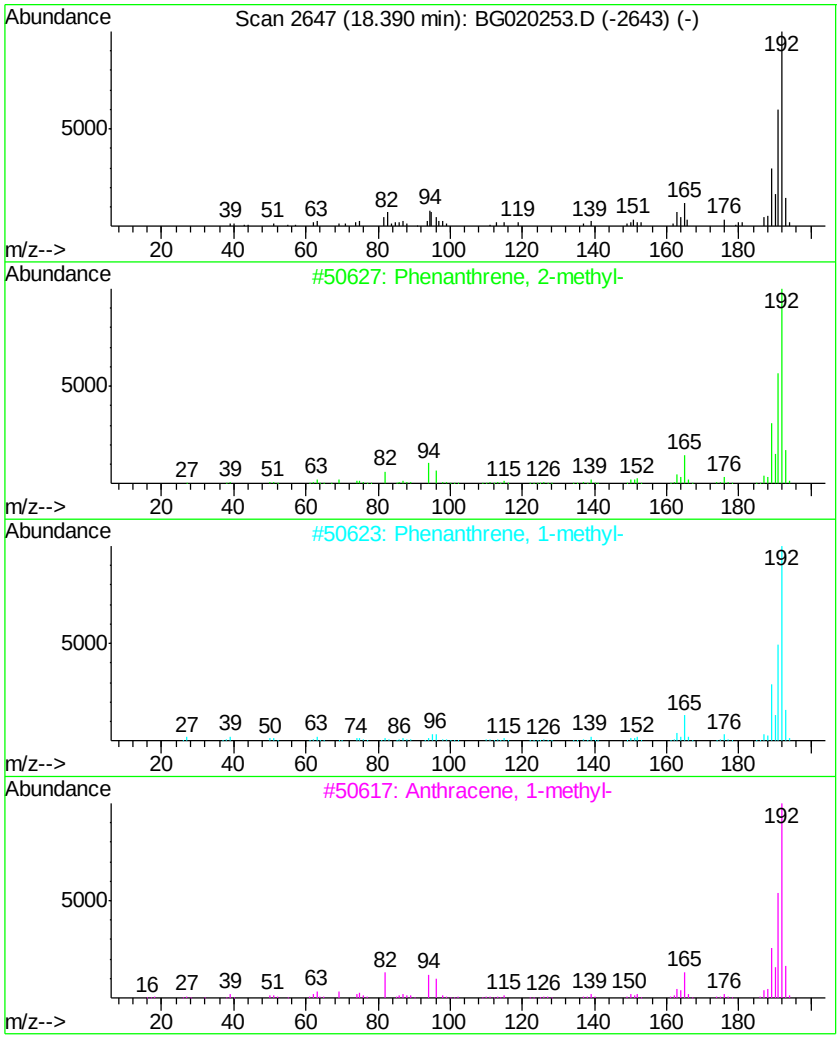

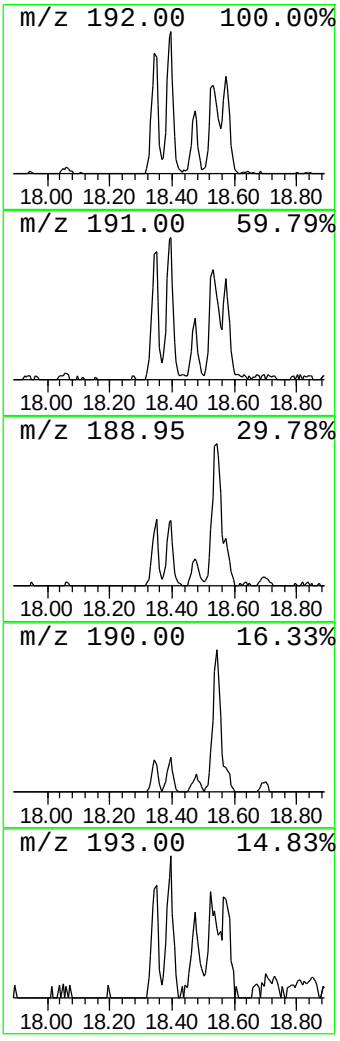

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Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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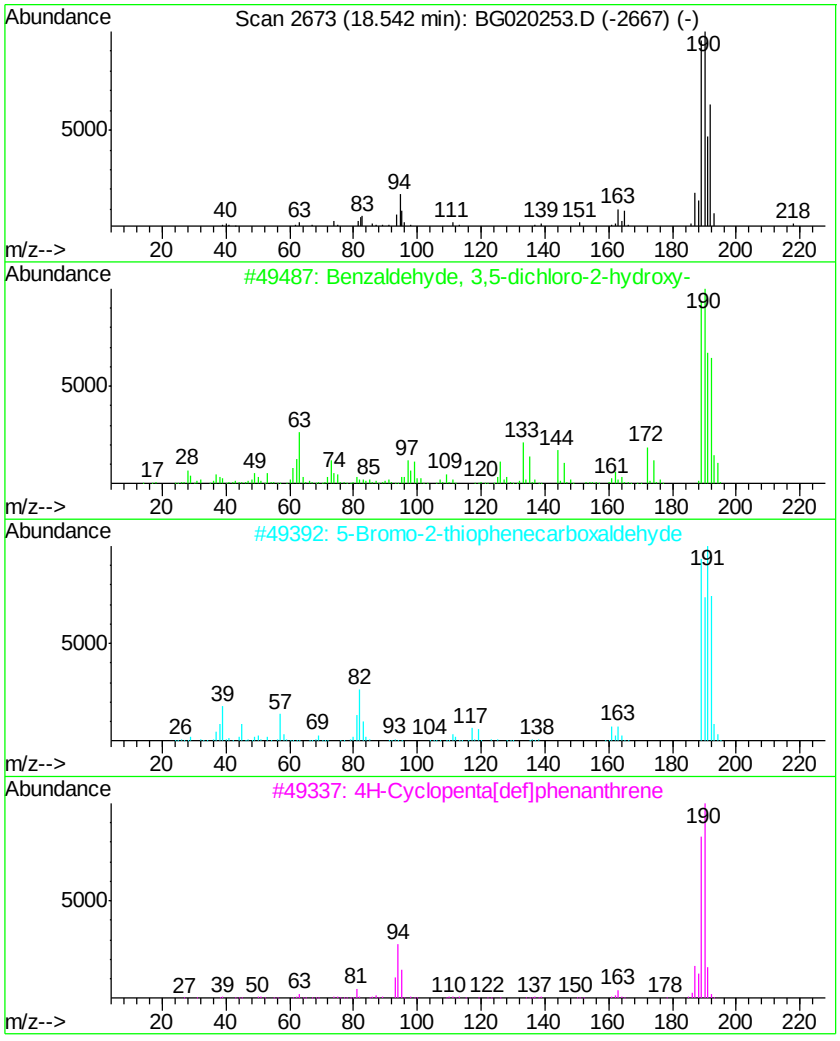
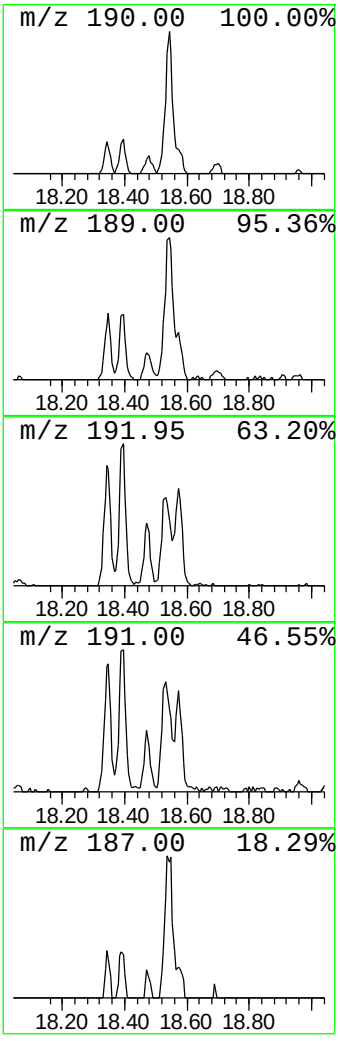
Peak Number 16 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	5.25 ng/ul	85365	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





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Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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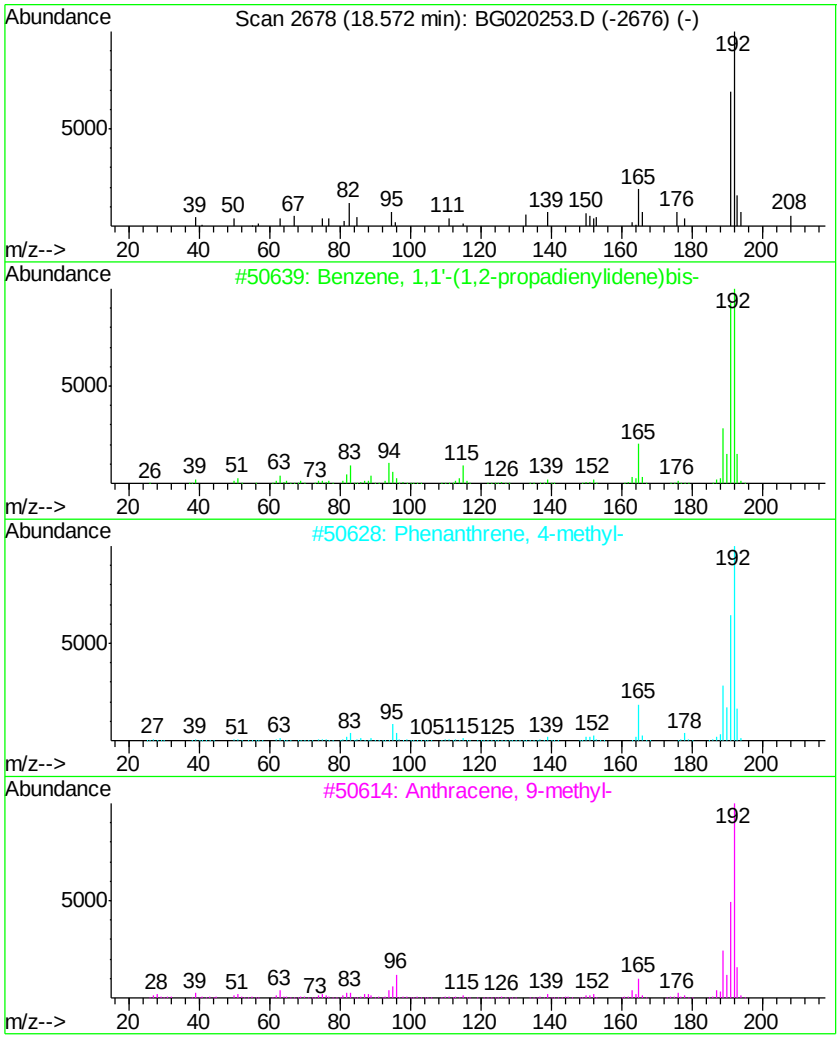
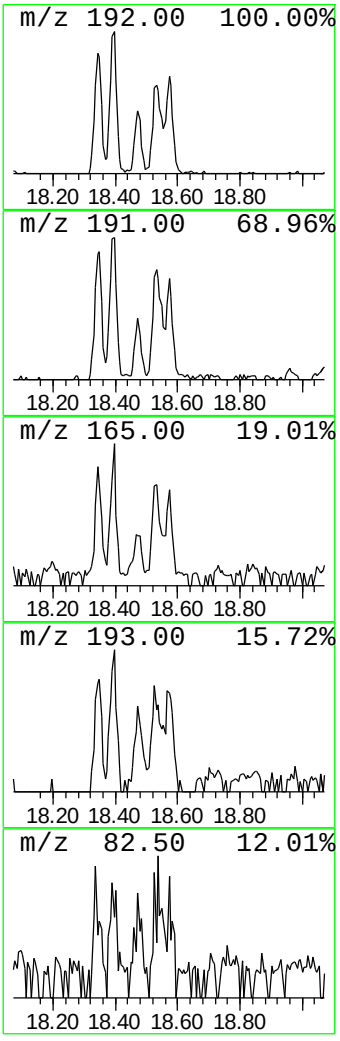
Peak Number 17 Benzene, 1,1'-(1,2-propadie... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	2.13 ng/ul	34594	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	80
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020253.D
Acq On : 17 Dec 2015 19:51
Operator : UM/SJ
Sample : G4787-18DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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
(DEL) Alkane: Cyc...	3.11	3.3	ng/ul	16717	1	8.10	100494	20.0
Butane, 2-methoxy...	3.20	3.0	ng/ul	15172	1	8.10	100494	20.0
Benzene, 1-ethyl-...	7.74	2.0	ng/ul	10308	1	8.10	100494	20.0
Indane	8.47	11.5	ng/ul	57687	1	8.10	100494	20.0
1H-Indene, 1-methyl-	10.40	2.1	ng/ul	16085	2	10.91	152714	20.0
Naphthalene, 1-et...	13.75	4.6	ng/ul	52847	3	14.72	230373	20.0
Naphthalene, 1,7-...	13.89	3.5	ng/ul	39997	3	14.72	230373	20.0
Naphthalene, 1,6-...	14.05	6.7	ng/ul	77126	3	14.72	230373	20.0
Naphthalene, 2,7-...	14.28	2.6	ng/ul	29994	3	14.72	230373	20.0
Naphthalene, 1,6,...	15.12	2.4	ng/ul	27240	3	14.72	230373	20.0
(DEL) Alkane: Str...	15.96	2.5	ng/ul	29339	3	14.72	230373	20.0
(DEL) Alkane: Str...	16.43	2.1	ng/ul	34084	4	17.47	325449	20.0
Phenanthrene, 1-m...	18.34	3.0	ng/ul	48596	4	17.47	325449	20.0
Phenanthrene, 2-m...	18.39	3.6	ng/ul	58953	4	17.47	325449	20.0
Benzaldehyde, 3,5...	18.54	5.3	ng/ul	85365	4	17.47	325449	20.0
Benzene, 1,1'-(1,...	18.57	2.1	ng/ul	34594	4	17.47	325449	20.0