LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

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-BG080915.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	3.869	169	175	188	rBV	1055339	1494934	1.96%	0.257%
2	5.720	485	490	499	rVV	207129	410234	0.54%	0.071%
3	6.090	547	553	561	rVB2	532556	868623	1.14%	0.149%
4	7.065	708	719	725	rBV5	127569	318111	0.42%	0.055%
5	7.224	740	746	754	rBV4	224988	431471	0.57%	0.074%
6	7.394	766	775	783	rBV	209240	384138	0.50%	0.066%
7	7.723	821	831	838	rVV2	241833	541803	0.71%	0.093%
8	8.076	885	891	896	rVB	562863	1034171	1.36%	0.178%
9	9.181	1069	1079	1083	rBV2	148863	333393	0.44%	0.057%
10	9.228	1083	1087	1092	rVB	198133	317598	0.42%	0.055%
11	9.956	1202	1211	1216	rBV3	224082	472593	0.62%	0.081%
12	10.068	1225	1230	1238	rBV6	118865	297949	0.39%	0.051%
13	10.279	1261	1266	1274	rVV5	123722	285384	0.37%	0.049%
14	10.879	1358	1368	1373	rBV	931565	2019977	2.65%	0.348%
15	10.931	1373	1377	1384	rVV2	857797	1570364	2.06%	0.270%
16	11.584	1483	1488	1495	rVV7	129444	329180	0.43%	0.057%
17	11.789	1517	1523	1531	rVV6	127459	296424	0.39%	0.051%
18	11.907	1537	1543	1547	rBV2	296904	523184	0.69%	0.090%
19	12.295	1604	1609	1621	rVV4	200173	418452	0.55%	0.072%
20	12.530	1639	1649	1654	rVB3	556842	1260988	1.65%	0.217%
21	12.747	1680	1686	1695	rVB	393541	786870	1.03%	0.135%
22	13.241	1765	1770	1775	rVV	547388	858469	1.13%	0.148%
23	13.523	1809	1818	1826	rBV4	440286	1028509	1.35%	0.177%
24	13.857	1870	1875	1876	rBV	452828	616272	0.81%	0.106%
25	14.016	1897	1902	1907	rBV	662703	1211218	1.59%	0.208%
26	14.069	1907	1911	1913	rBV	521872	702265	0.92%	0.121%
27	14.139	1919	1923	1926	rBV2	220545	352464	0.46%	0.061%
28	14.181	1926	1930	1934	rVB	788350	1049603	1.38%	0.181%
29	14.251	1934	1942	1946	rBV3	290549	610832	0.80%	0.105%
30	14.386	1961	1965	1974	rVB2	563184	930744	1.22%	0.160%
31	14.533	1986	1990	1995	rVB2	256882	402869	0.53%	0.069%
32	14.592	1996	2000	2008	rBV	422619	663196	0.87%	0.114%
33	14.692	2008	2017	2023	rBV3	1415217	2958230	3.88%	0.509%
34	15.021	2070	2073	2077	rVV3	177319	348148	0.46%	0.060%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

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-BG080915.M
Title : SVOA CALIBRATION

35	15.091	2081	2085	2091	rVV2	641787	1075706	1.41%	0.185%
36	15.162	2091	2097	2102	rVV	388212	748022	0.98%	0.129%
37	15.215	2102	2106	2114	rVV6	302966	552543	0.72%	0.095%
38	15.309	2118	2122	2127	rVV2	311078	549133	0.72%	0.094%
39	15.362	2127	2131	2135	rVB	332484	462587	0.61%	0.080%
40	15.544	2159	2162	2166	rVB	395696	469085	0.62%	0.081%
41	15.679	2182	2185	2190	rVB	576399	848459	1.11%	0.146%
42	15.732	2190	2194	2198	rBV2	238234	318609	0.42%	0.055%
43	15.785	2198	2203	2208	rVB4	293529	508840	0.67%	0.088%
44	15.949	2226	2231	2238	rVB	810741	1172223	1.54%	0.202%
45	16.407	2304	2309	2310	rBV2	676946	978303	1.28%	0.168%
46	16.431	2310	2313	2318	rVB	1292500	1756314	2.30%	0.302%
47	16.830	2379	2381	2389	rVB4	236853	326983	0.43%	0.056%
48	17.195	2440	2443	2447	rVV	467676	550396	0.72%	0.095%
49	17.253	2448	2453	2462	rVB	819772	1347532	1.77%	0.232%
50	17.436	2479	2484	2488	rBV2	1512465	2288317	3.00%	0.394%
51	17.477	2488	2491	2496	rVV	459037	748242	0.98%	0.129%
52	17.535	2497	2501	2505	rVB	610030	882010	1.16%	0.152%
53	17.700	2526	2529	2534	rVB2	338816	476827	0.63%	0.082%
54	17.935	2566	2569	2575	rVB	330748	437103	0.57%	0.075%
55	18.094	2593	2596	2603	rVB7	177453	291136	0.38%	0.050%
56	18.311	2629	2633	2634	rBV2	342214	479675	0.63%	0.083%
57	18.370	2634	2643	2652	rVB2	6336319	12908592	16.94%	2.221%
58	18.499	2661	2665	2672	rBV6	398922	885134	1.16%	0.152%
59	18.564	2672	2676	2680	rVB3	871602	1154660	1.51%	0.199%
60	18.669	2690	2694	2698	rBV4	336316	684018	0.90%	0.118%
61	18.728	2698	2704	2711	rVB3	5683620	10140343	13.30%	1.745%
62	18.916	2731	2736	2742	rVB2	3514480	5035575	6.61%	0.867%
63	19.022	2751	2754	2755	rBV2	366412	395677	0.52%	0.068%
64	19.087	2755	2765	2768	rVV	22372736	46841218	61.46%	8.061%
65	19.116	2768	2770	2776	rVB4	378923	461358	0.61%	0.079%
66	19.186	2777	2782	2788	rBV	4931274	7358301	9.65%	1.266%
67	19.251	2790	2793	2795	rVV3	749323	1053390	1.38%	0.181%
68	19.275	2795	2797	2803	rVB3	841269	1032338	1.35%	0.178%
69	19.557	2825	2845	2854	rBV5	22817106	76215693	100.00%	13.116%
70	19.639	2854	2859	2868	rVB	4049356	6168631	8.09%	1.062%
71	19.762	2877	2880	2886	rVB3	896747	1186375	1.56%	0.204%

LSC Area Percent Report

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Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

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-BG080915.M
Title : SVOA CALIBRATION

72	19.827	2887	2891	2898	rBV4	1284432	2666111	3.50%	0.459%
73	20.038	2924	2927	2932	rVB3	1832528	2328260	3.05%	0.401%
74	20.197	2950	2954	2959	rVB5	1020408	1666525	2.19%	0.287%
75	20.262	2960	2965	2970	rVB3	1917379	3361788	4.41%	0.579%
76	20.362	2978	2982	2986	rVB2	5018128	6484659	8.51%	1.116%
77	20.403	2986	2989	2992	rBV2	1048291	1320770	1.73%	0.227%
78	20.444	2993	2996	2998	rVV2	621916	674621	0.89%	0.116%
79	20.479	2999	3002	3005	rBV2	1766412	1894014	2.49%	0.326%
80	20.667	3030	3034	3036	rBV	1611054	2224457	2.92%	0.383%
81	20.785	3051	3054	3058	rBV2	1771345	2333470	3.06%	0.402%
82	20.861	3058	3067	3070	rBV	6383921	10126873	13.29%	1.743%
83	20.908	3070	3075	3078	rVV	3454918	5475037	7.18%	0.942%
84	20.990	3085	3089	3096	rVB2	2294328	3910868	5.13%	0.673%
85	21.067	3098	3102	3108	rVB2	1595342	2545389	3.34%	0.438%
86	21.255	3120	3134	3137	rBV3	8691751	27063316	35.51%	4.657%
87	21.384	3151	3156	3160	rBV2	11299047	18996787	24.93%	3.269%
88	21.449	3161	3167	3174	rVB	9149589	19831634	26.02%	3.413%
89	21.637	3194	3199	3205	rVB	3788386	5910359	7.75%	1.017%
90	21.783	3207	3224	3228	rBV3	8888297	31491439	41.32%	5.419%
91	21.948	3245	3252	3257	rVB	11128730	18557791	24.35%	3.194%
92	22.430	3330	3334	3339	rBV	1375109	2265274	2.97%	0.390%
93	22.577	3350	3359	3365	rVB	11738376	24072428	31.58%	4.143%
94	22.653	3366	3372	3378	rBV4	2369799	4915265	6.45%	0.846%
95	23.288	3470	3480	3486	rVB	11397479	26863504	35.25%	4.623%
96	24.122	3610	3622	3633	rVB	11246707	32903237	43.17%	5.662%
97	25.109	3777	3790	3797	rVB	9093279	29137368	38.23%	5.014%
98	26.284	3974	3990	3998	rBV	7885476	30363906	39.84%	5.225%
99	27.688	4211	4229	4239	rVB	5997717	25354641	33.27%	4.363%
100	29.380	4502	4517	4529	rVB	4442669	21439178	28.13%	3.689%

Sum of corrected areas: 581096977

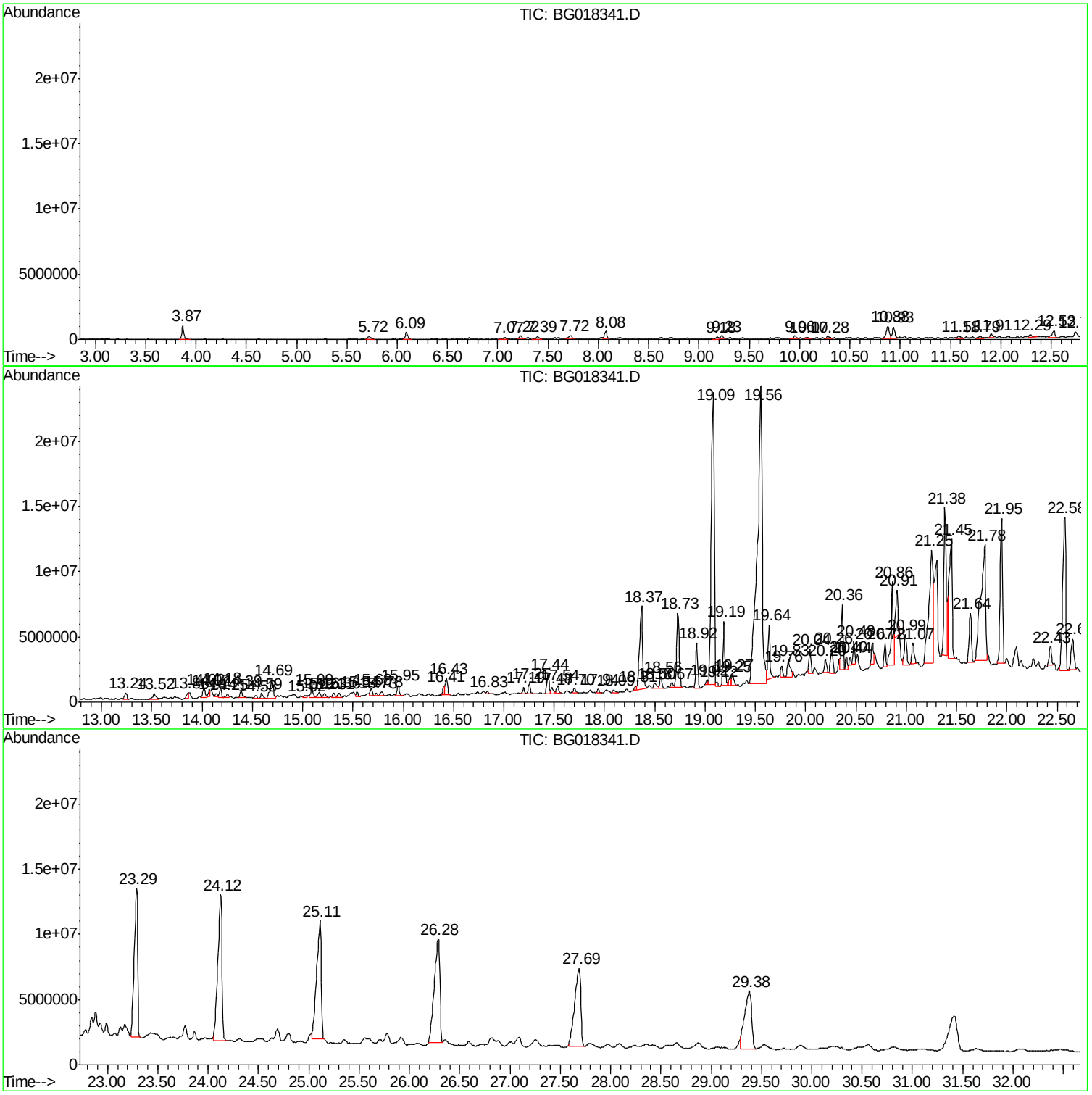
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

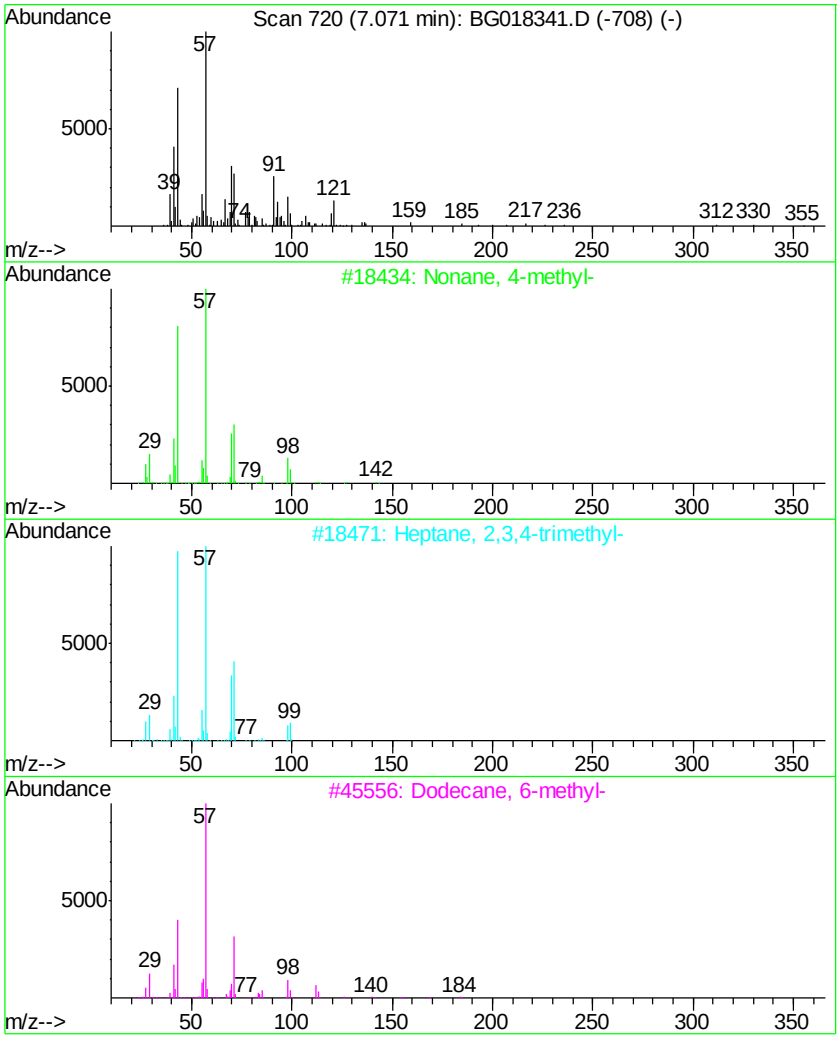
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

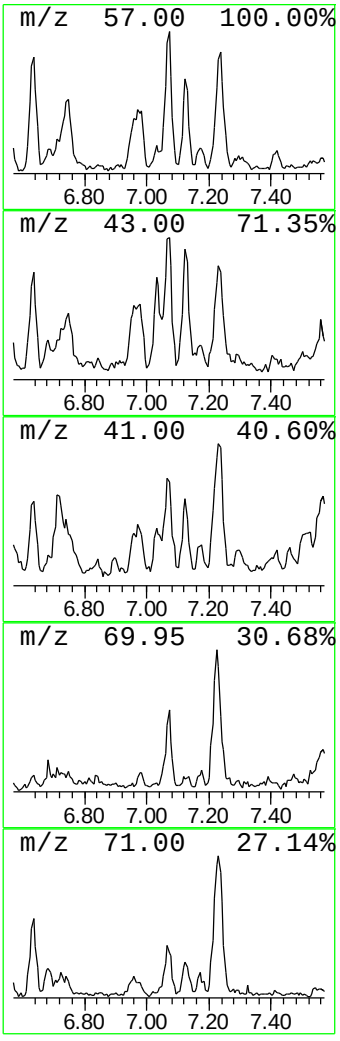
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	6.15 ng/ul	318111	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	47
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	38
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	27
5	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

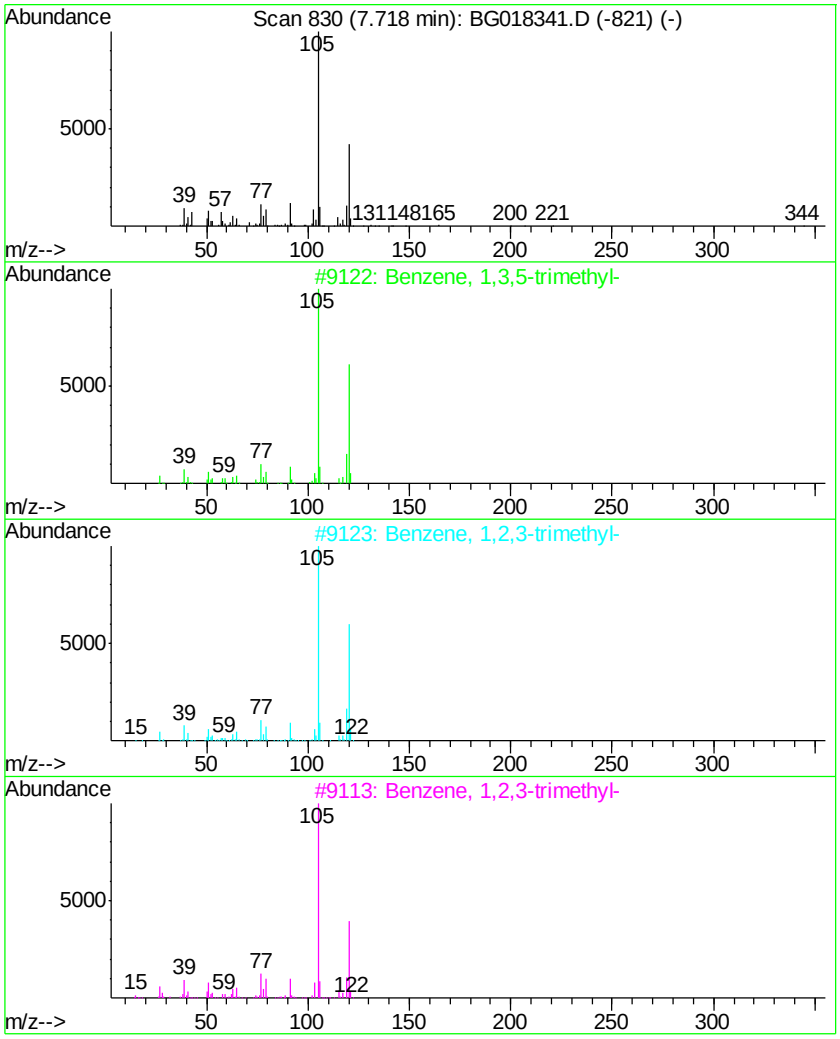
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

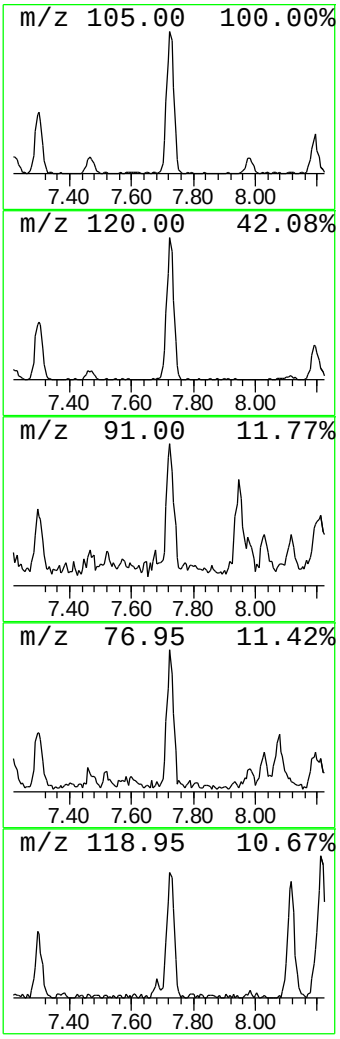
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3,5-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	10.48 ng/ul	541803	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

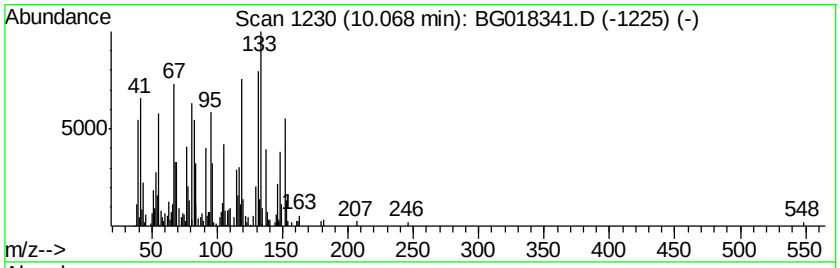
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

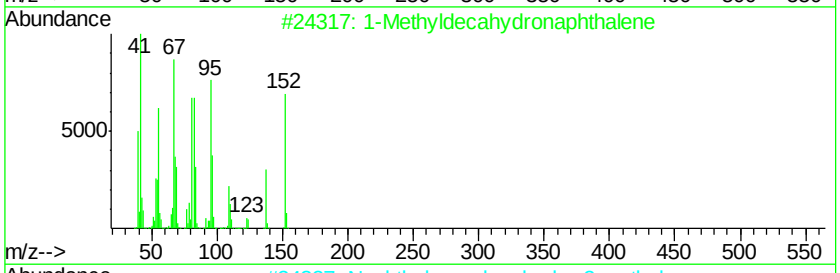
****

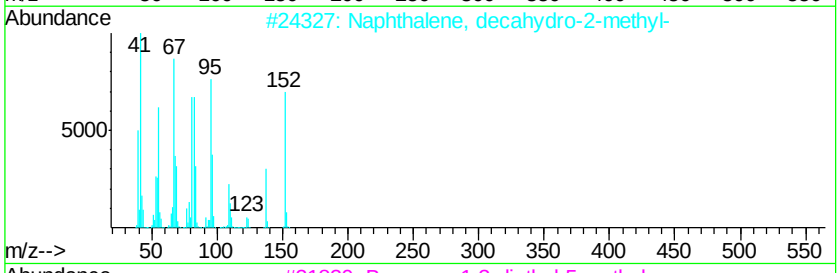
Peak Number 6 1-Methyldecahydronaphthalene Concentration Rank 54

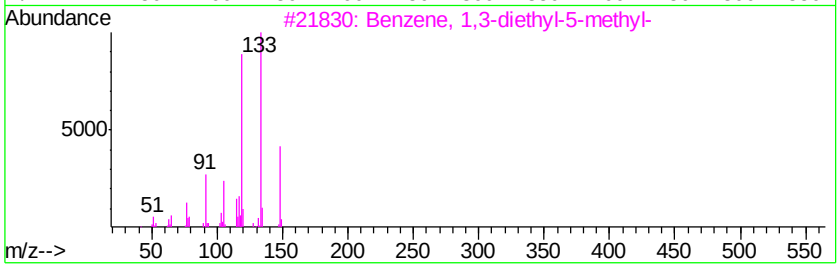
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	2.95 ng/ul	297949	Naphthalene-d8	10.88

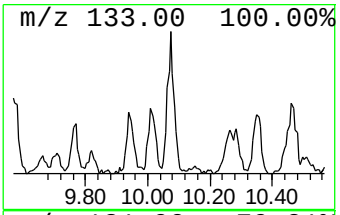
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	52
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	52
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	30
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	30
5	3-Nonyne	124	C9H16	020184-89-8	25

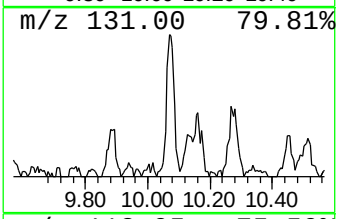


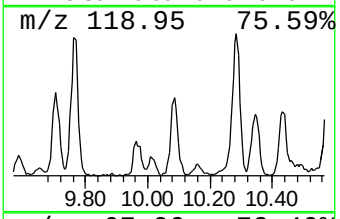


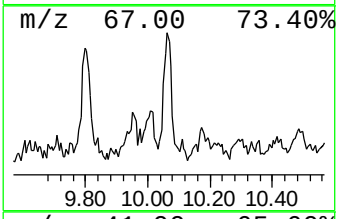


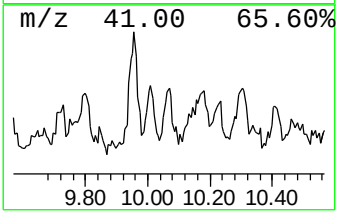












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Sample : G3136-08
Misc :
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Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

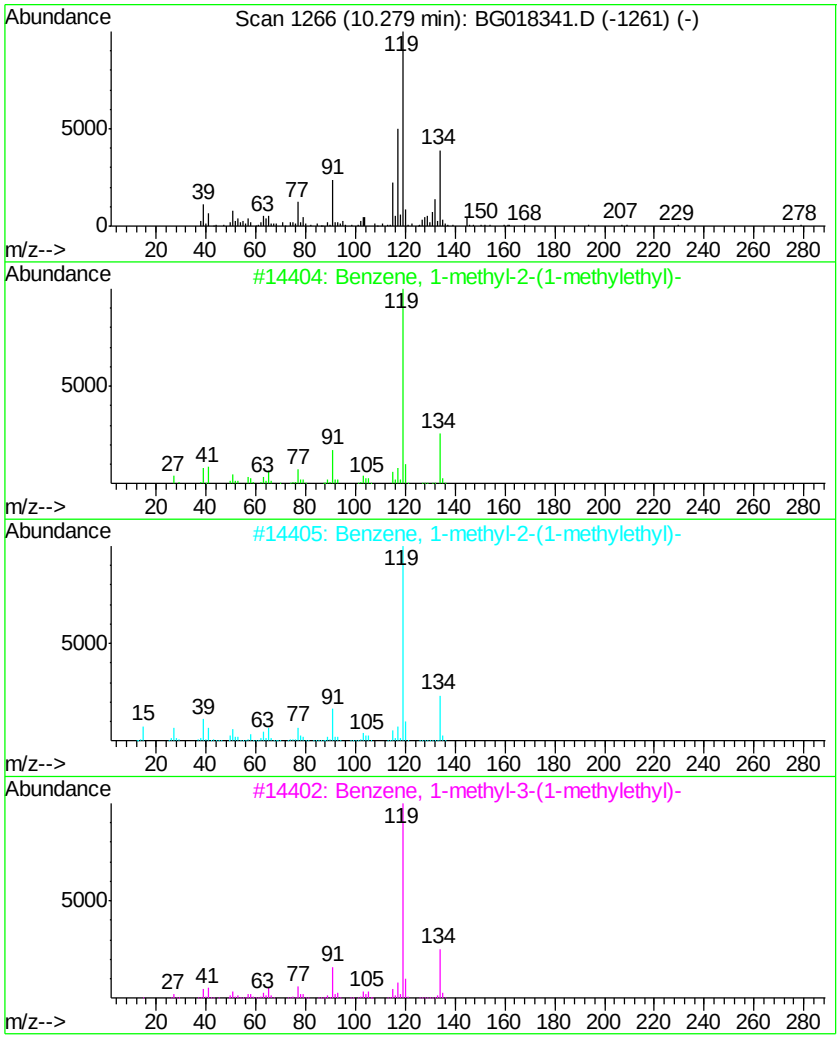
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

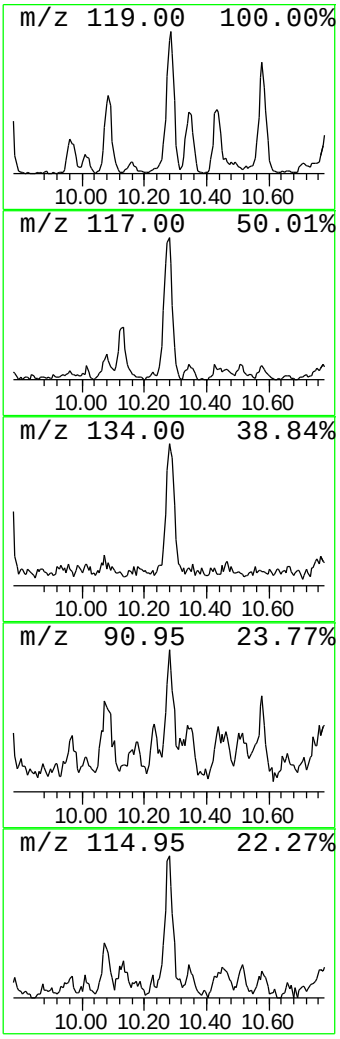
****

Peak Number 7 Benzene, 1-methyl-2-(1-meth... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.83 ng/ul	285384	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	53
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49





Library Search Compound Report

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Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

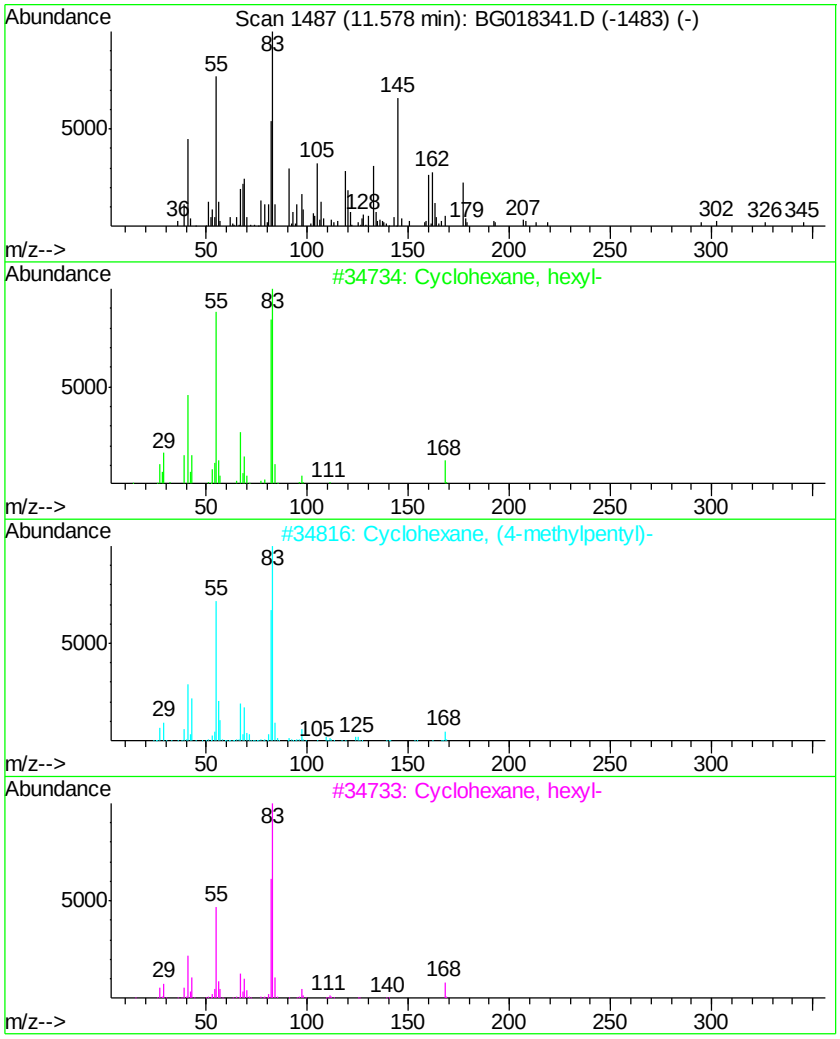
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

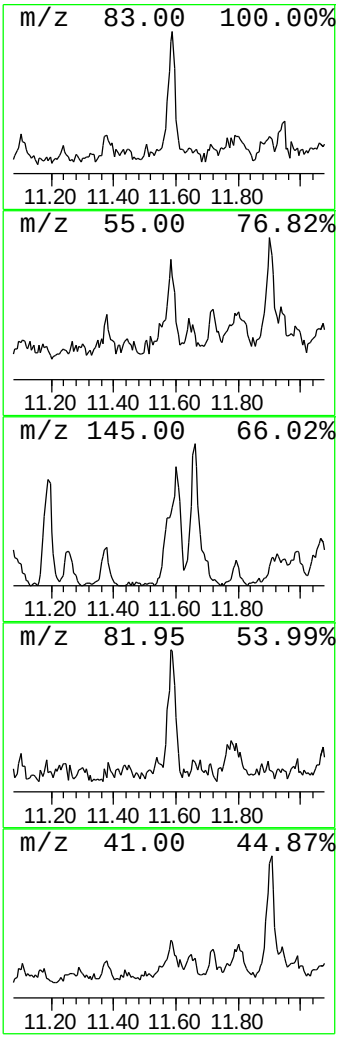
****

Peak Number 8 (DEL) Alkane: Cyclic11.58 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	3.26 ng/ul	329180	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	45
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	35
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	35





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Misc :
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Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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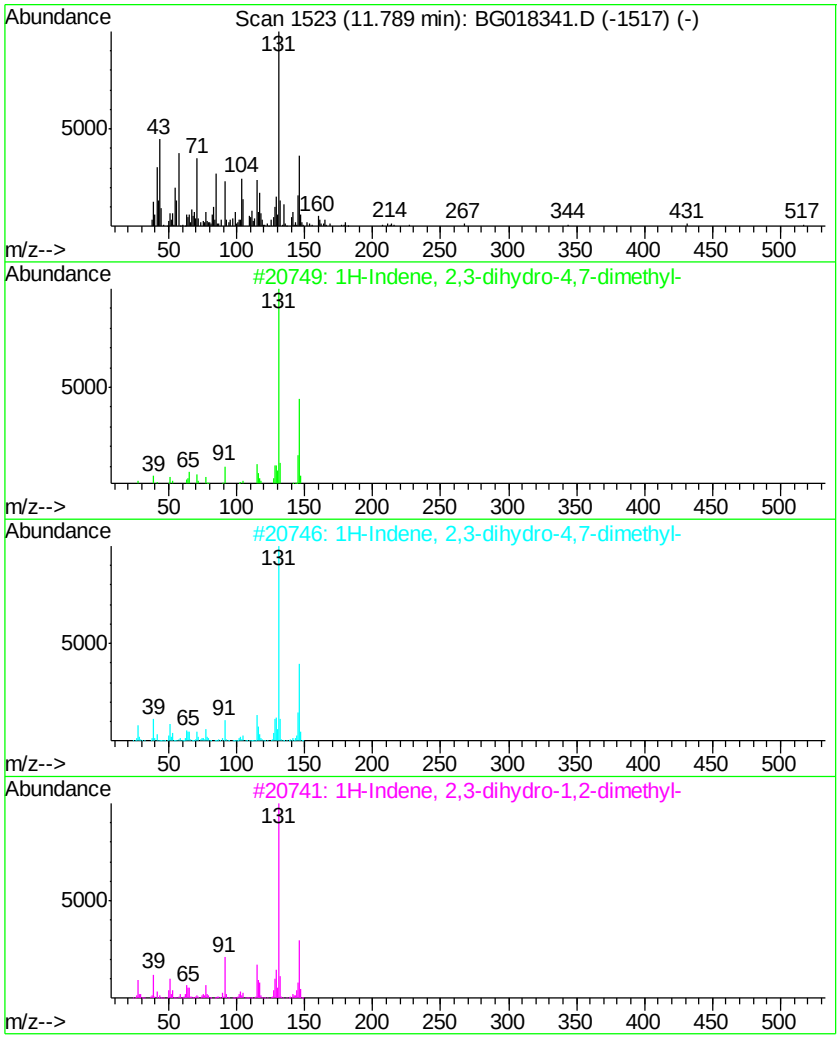
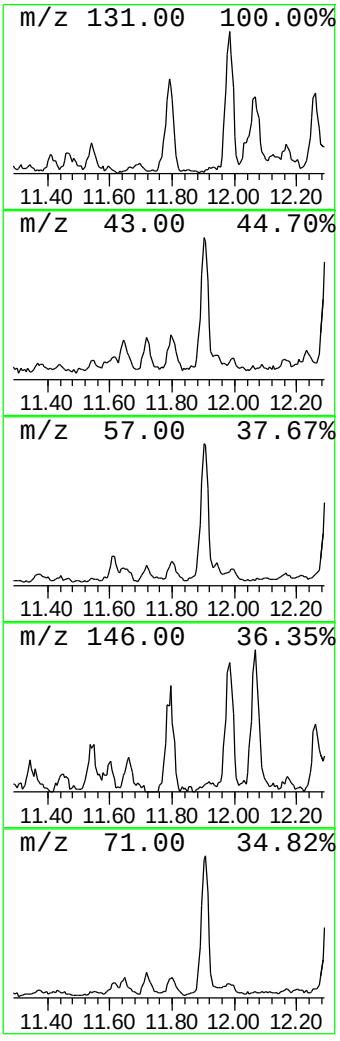
Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.93 ng/ul	296424	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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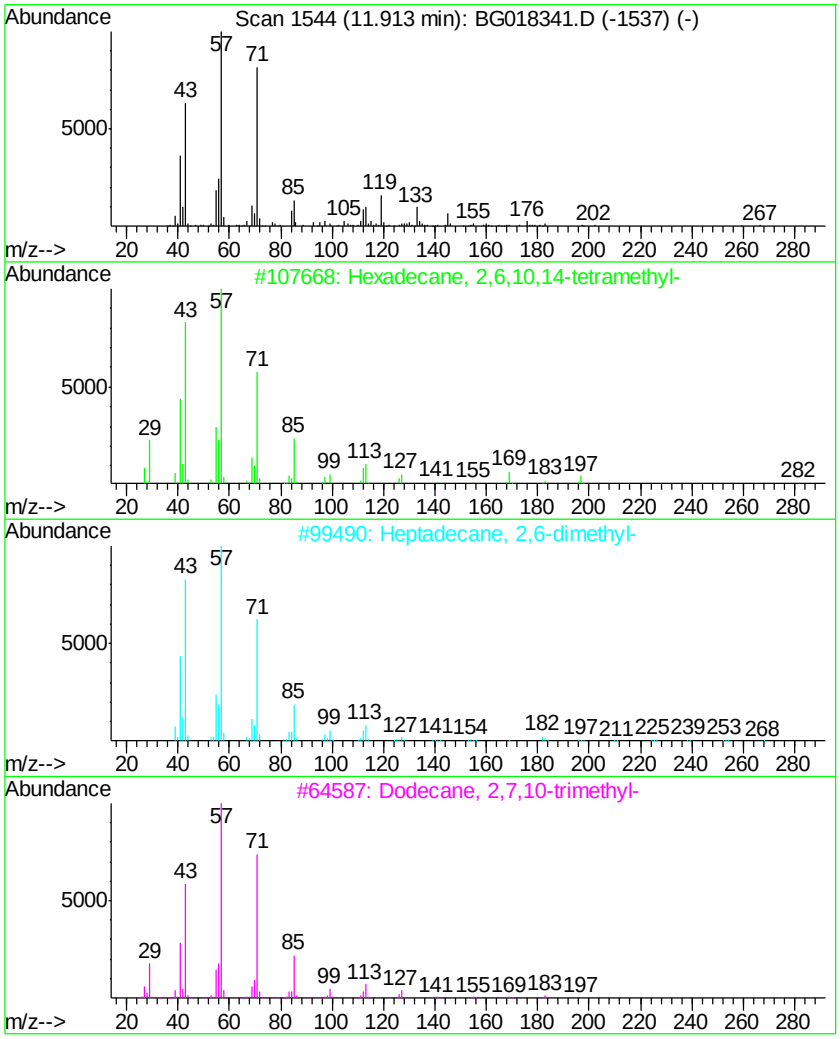
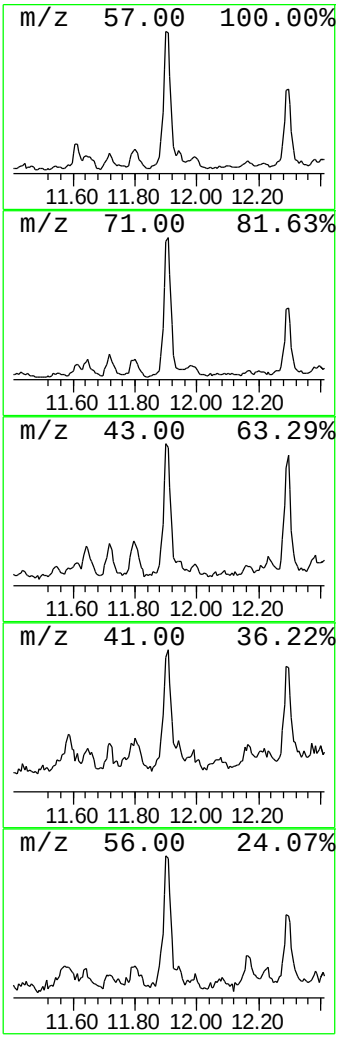
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.18 ng/ul	523184	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	59





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

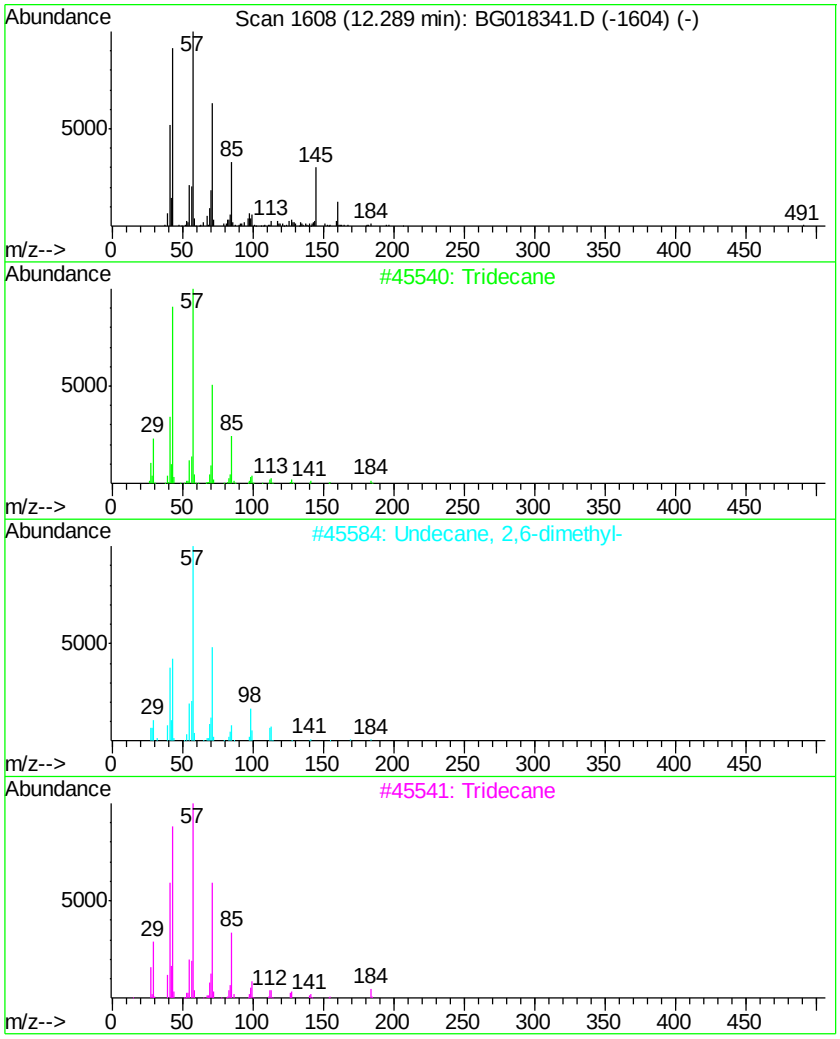
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

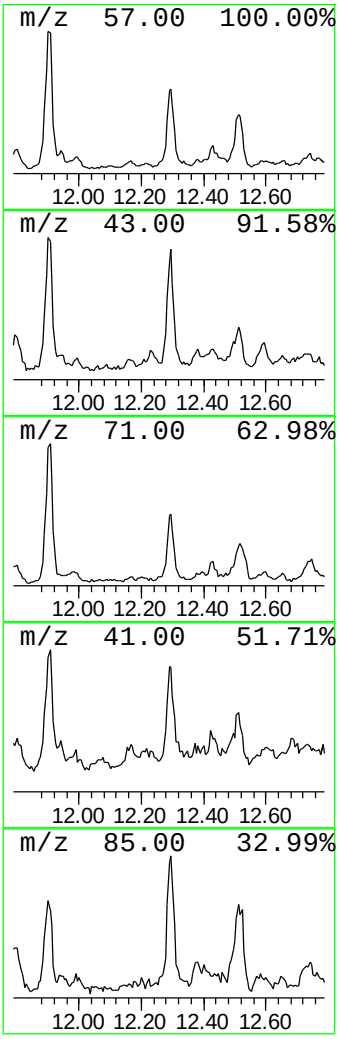
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.14 ng/ul	418452	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60
3	Tridecane	184	C13H28	000629-50-5	58
4	Hexadecane	226	C16H34	000544-76-3	58
5	Hexadecane	226	C16H34	000544-76-3	52





Library Search Compound Report

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Sample : G3136-08
Misc :
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Instrument : BNA_G
ClientSampleId : C01T9

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Quant Title : SVOA CALIBRATION

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

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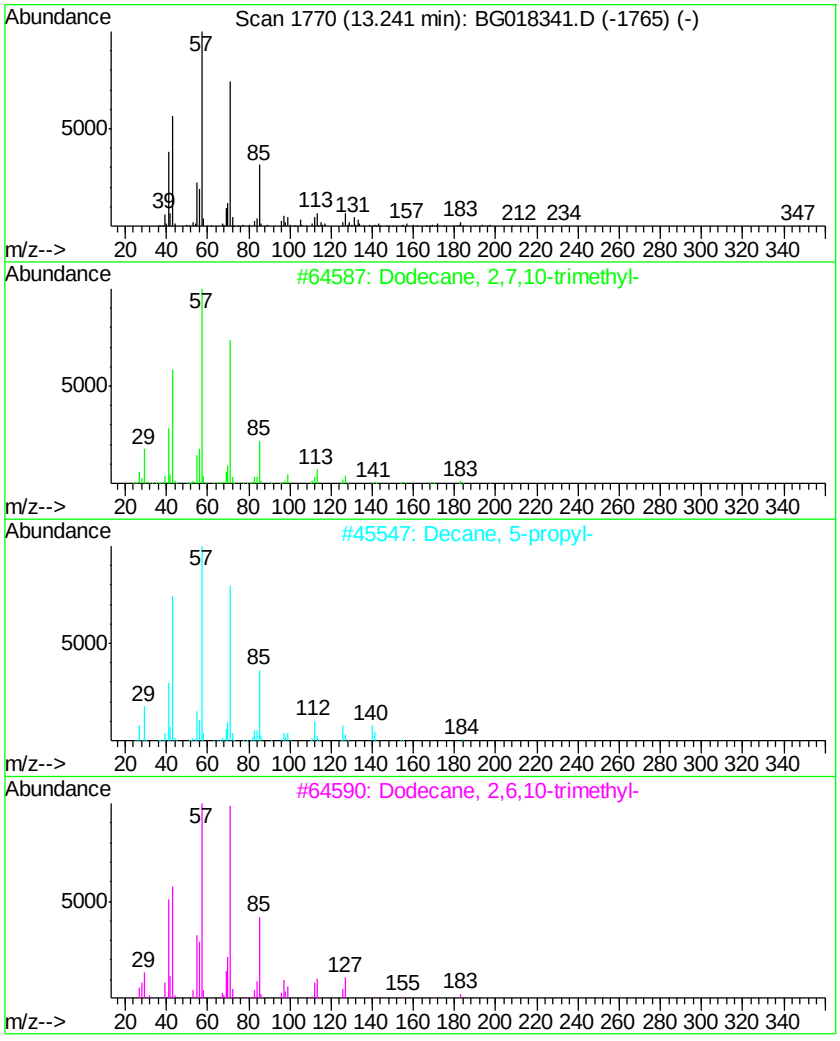
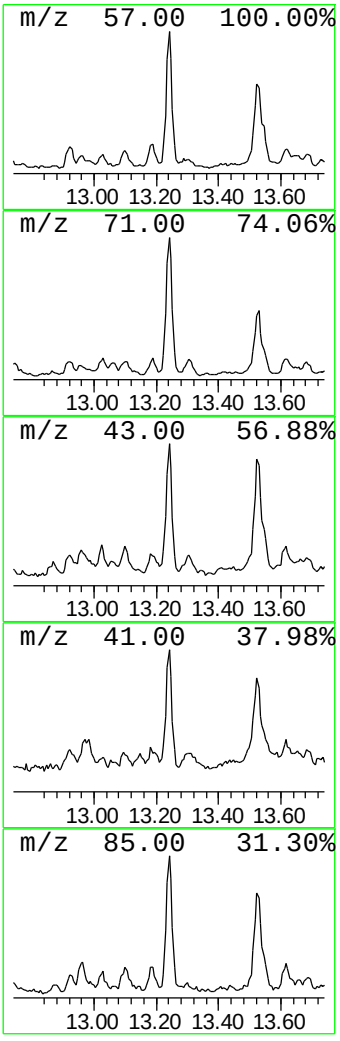
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	5.80 ng/ul	858469	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2	Decane, 5-propyl-	184	C13H28	017312-62-8	87
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	72





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Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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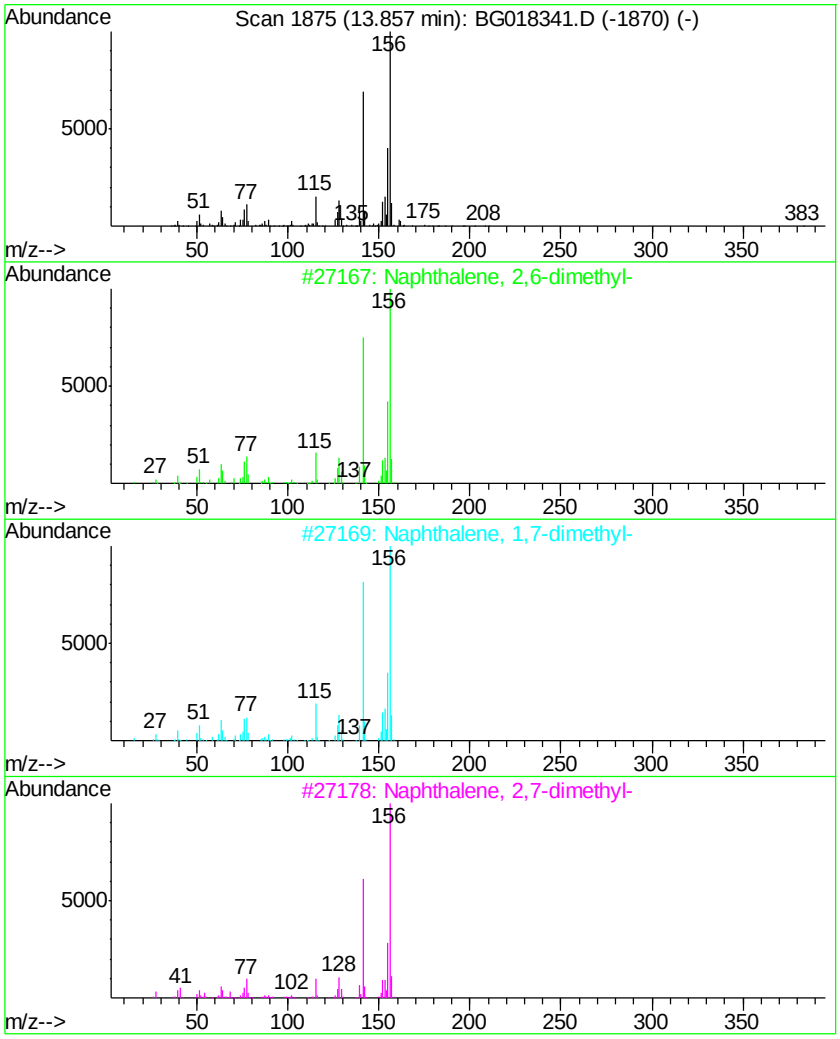
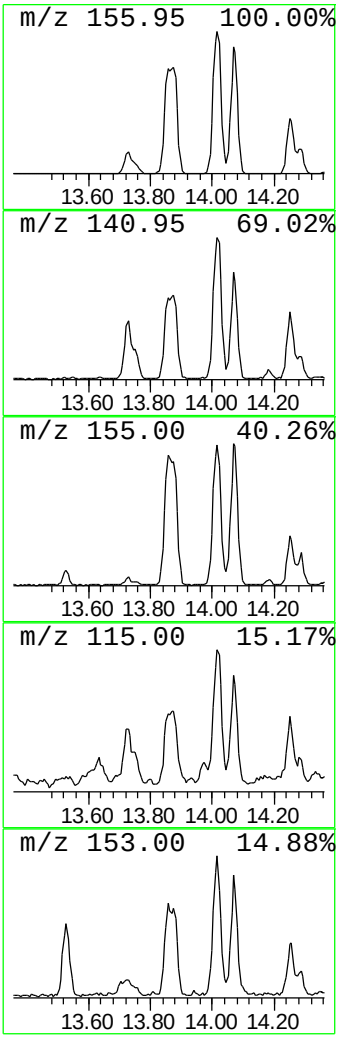
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.17 ng/ul	616272	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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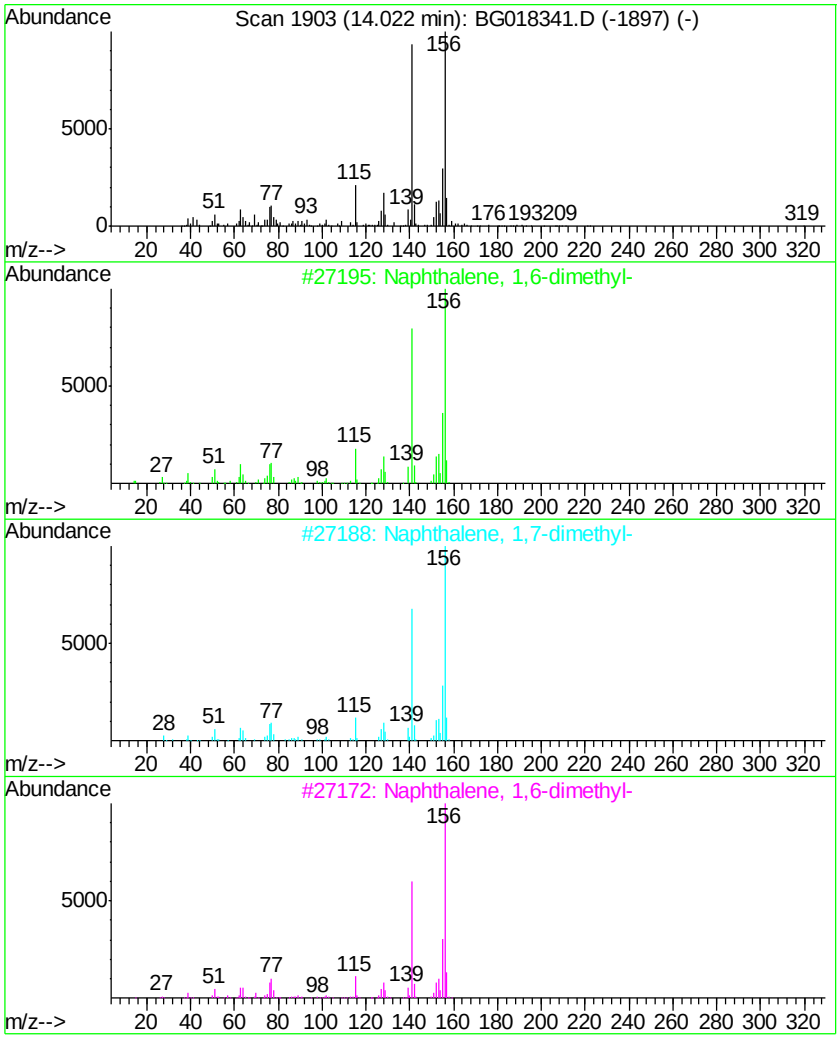
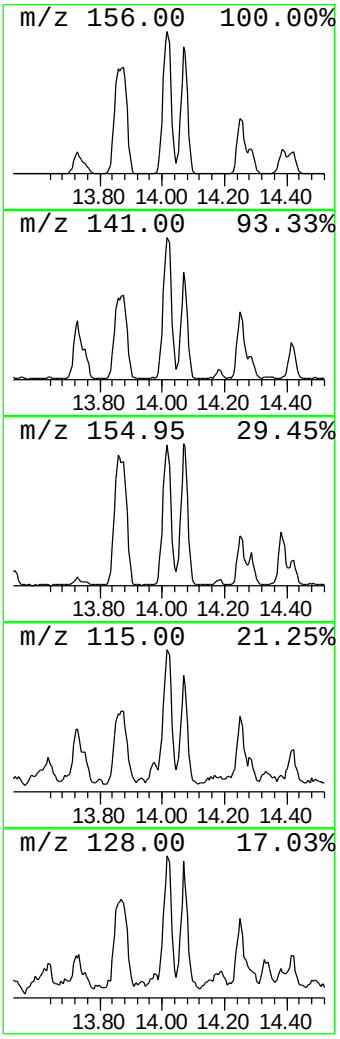
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	8.19 ng/ul	1211220	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

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Quant Title : SVOA CALIBRATION

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

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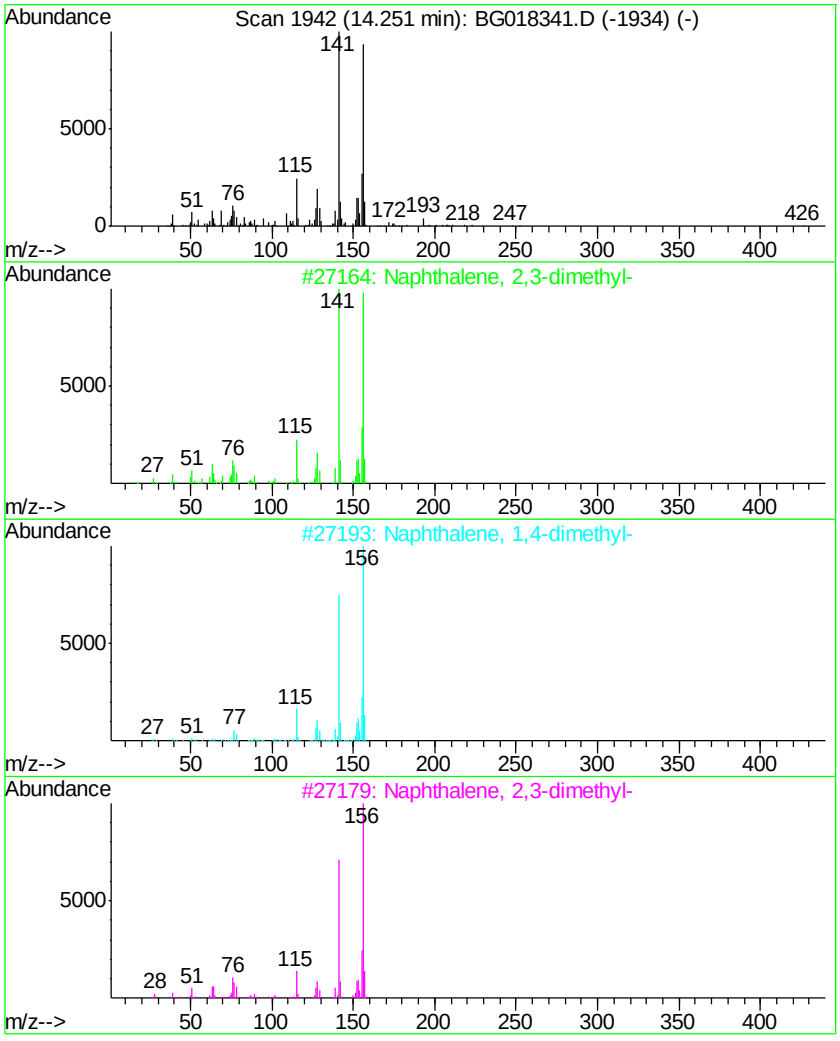
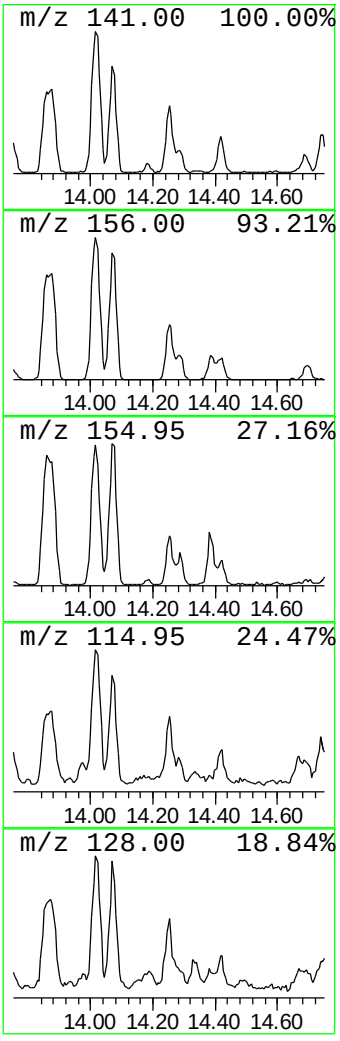
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	4.13 ng/ul	610832	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
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	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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ClientSampleId : C01T9

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Quant Title : SVOA CALIBRATION

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

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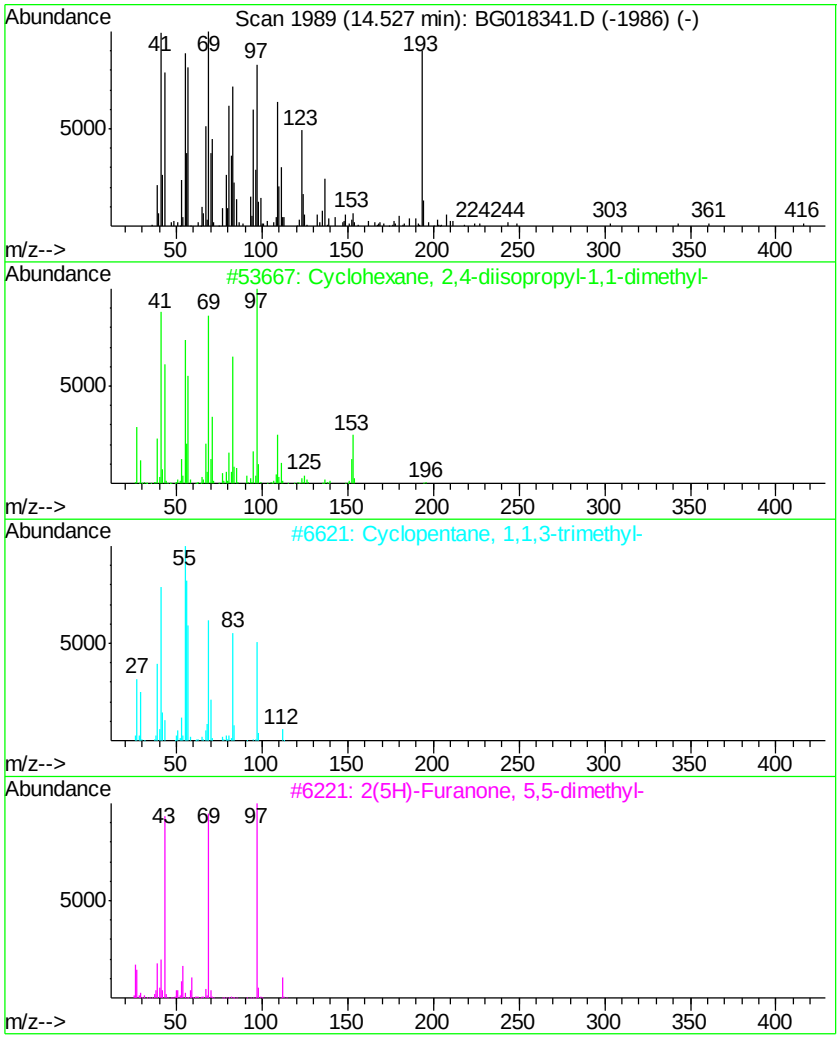
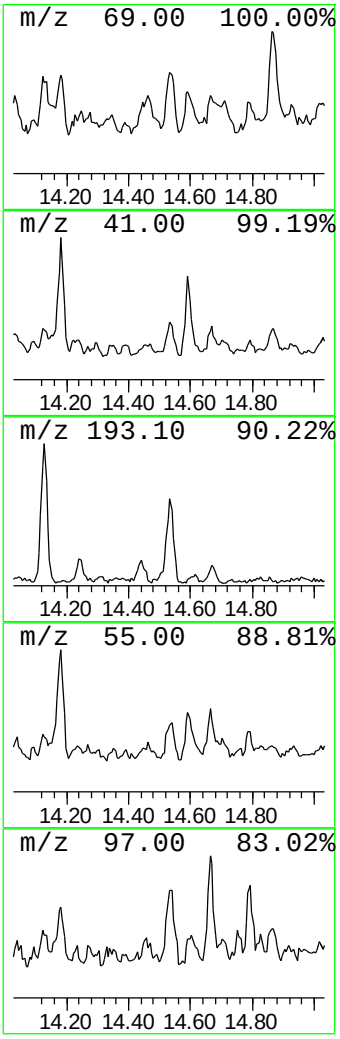
Peak Number 16 (DEL) Alkane: Cyclic14.53 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.72 ng/ul	402869	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	38
2	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	30
3	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	27
4	7-Tetradecanol	214	C14H30O	003981-79-1	27
5	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27





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ClientSampleId : C01T9

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Quant Title : SVOA CALIBRATION

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

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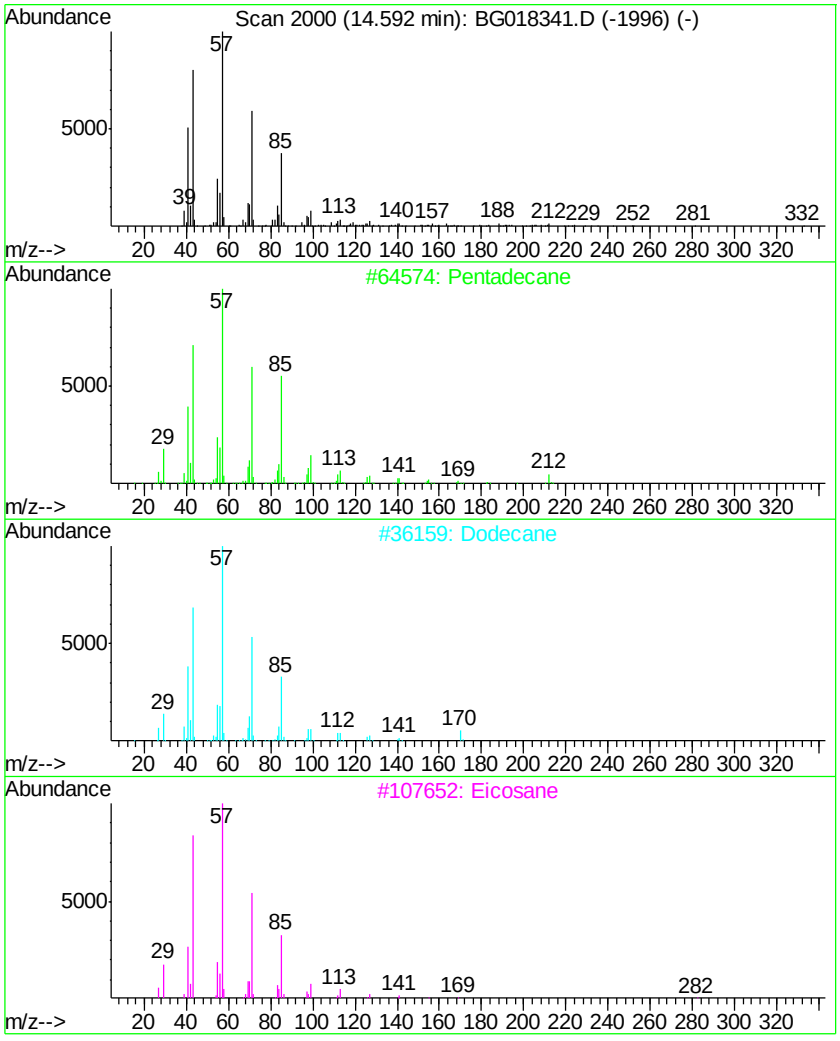
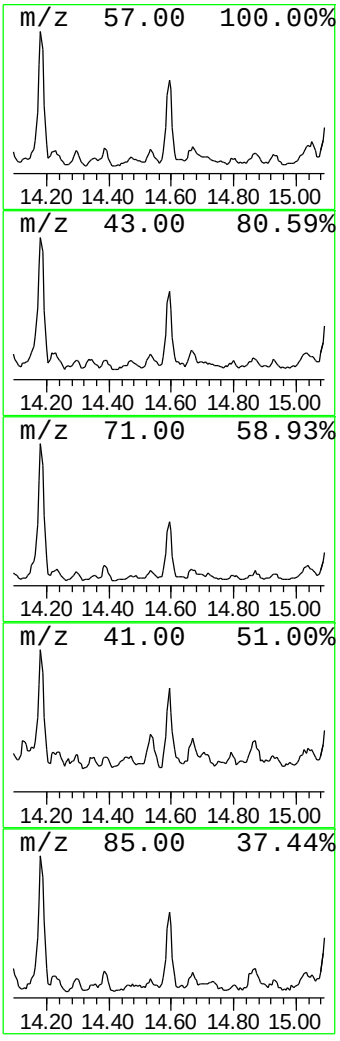
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	4.48 ng/ul	663196	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Dodecane	170	C12H26	000112-40-3	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Hexadecane	226	C16H34	000544-76-3	87





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Quant Title : SVOA CALIBRATION

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

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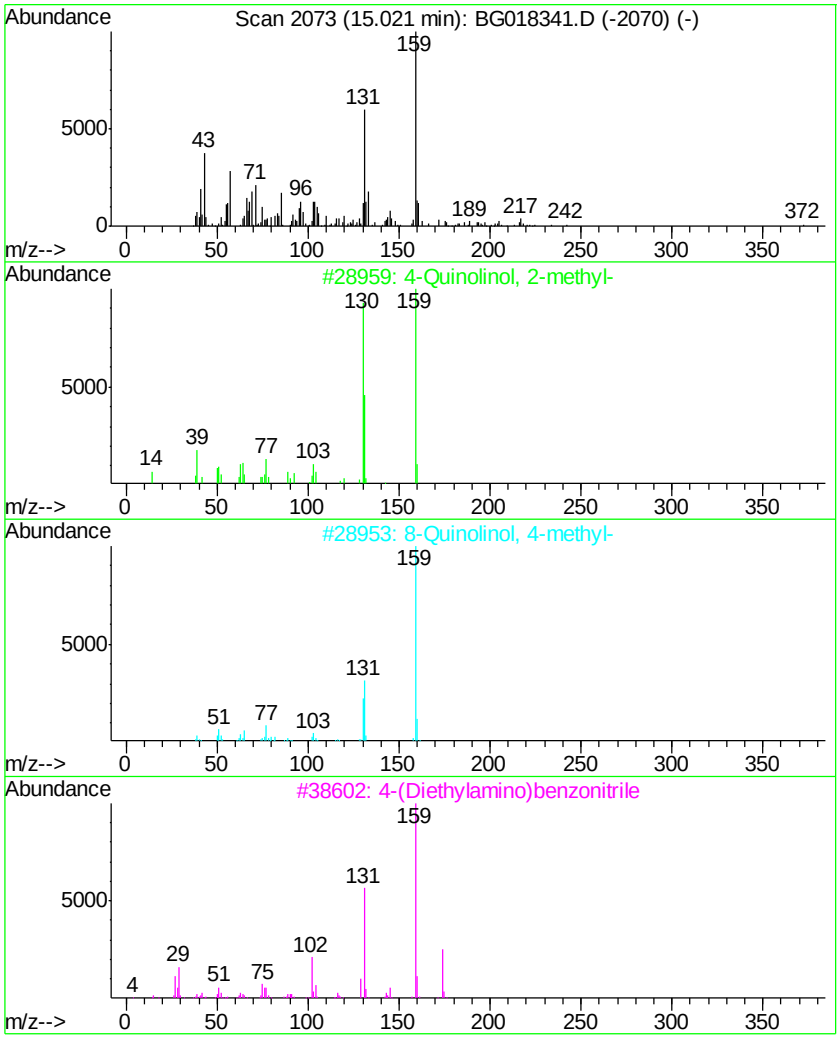
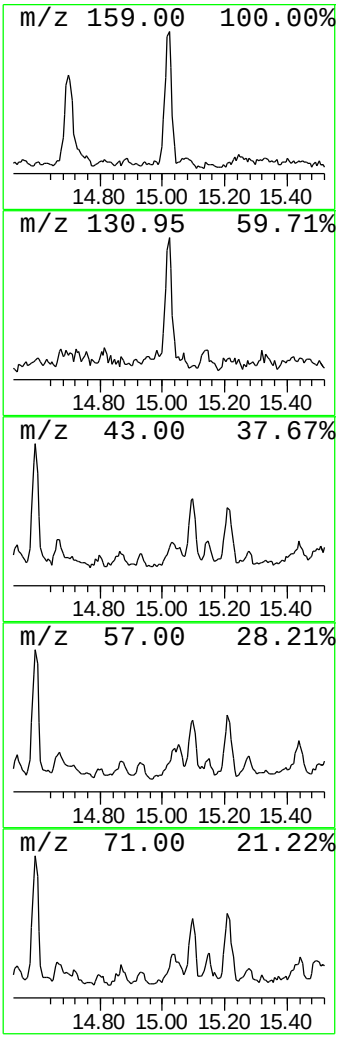
Peak Number 18 4-Quinolinol, 2-methyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	2.35 ng/ul	348148	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Quinolinol, 2-methyl-	159	C10H9NO	000607-67-0	64
2	8-Quinolinol, 4-methyl-	159	C10H9NO	003846-73-9	64
3	4-(Diethylamino)benzonitrile	174	C11H14N2	002873-90-7	59
4	Quinoline, 4-methyl-, 1-oxide	159	C10H9NO	004053-40-1	59
5	Quinoline, 6-methyl-, 1-oxide	159	C10H9NO	004053-42-3	59





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

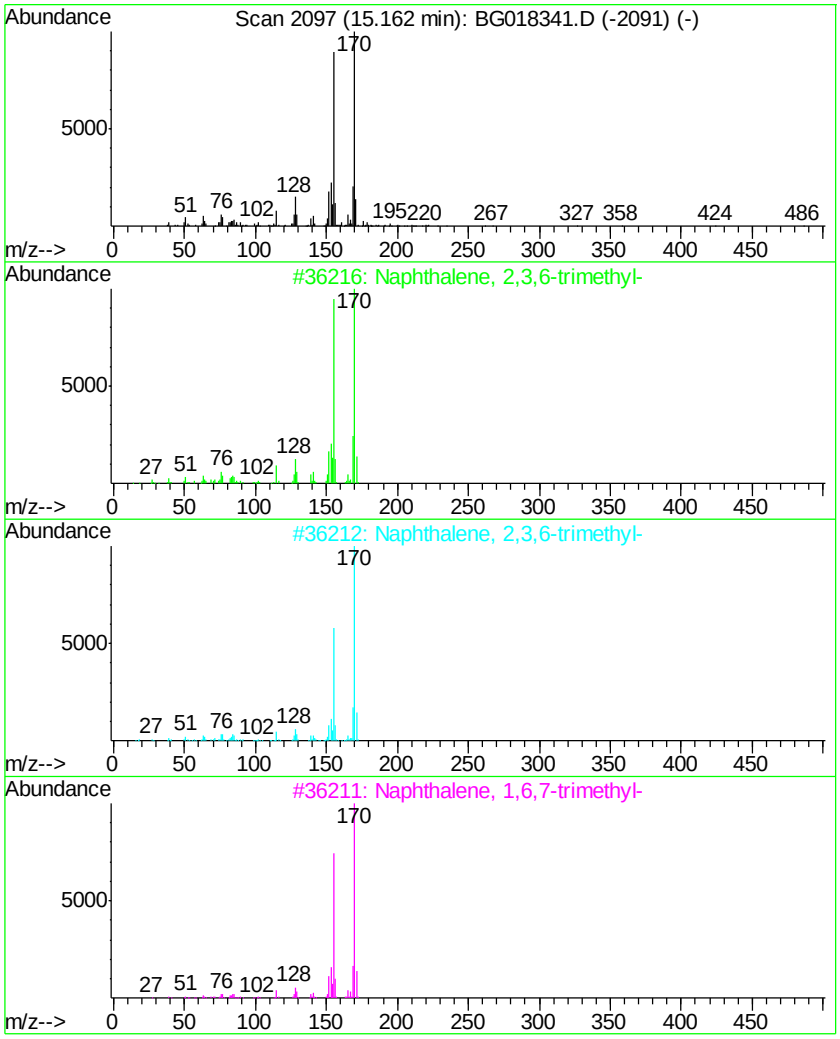
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

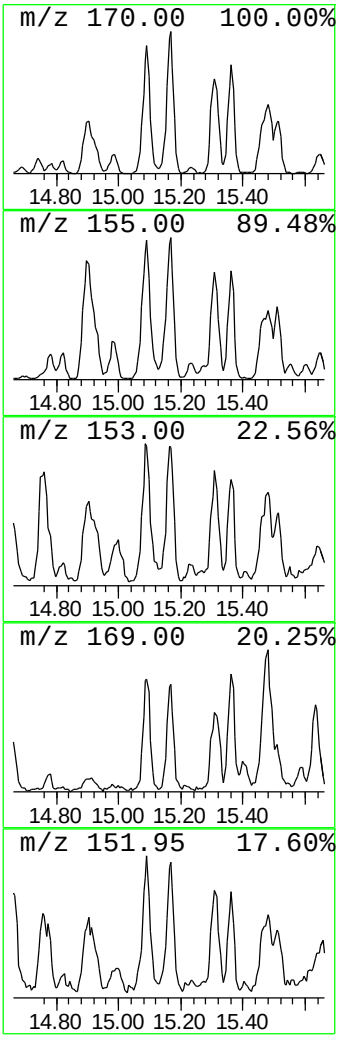
****

Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	5.06 ng/ul	748022	Acenaphthene-d10	14.69

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





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Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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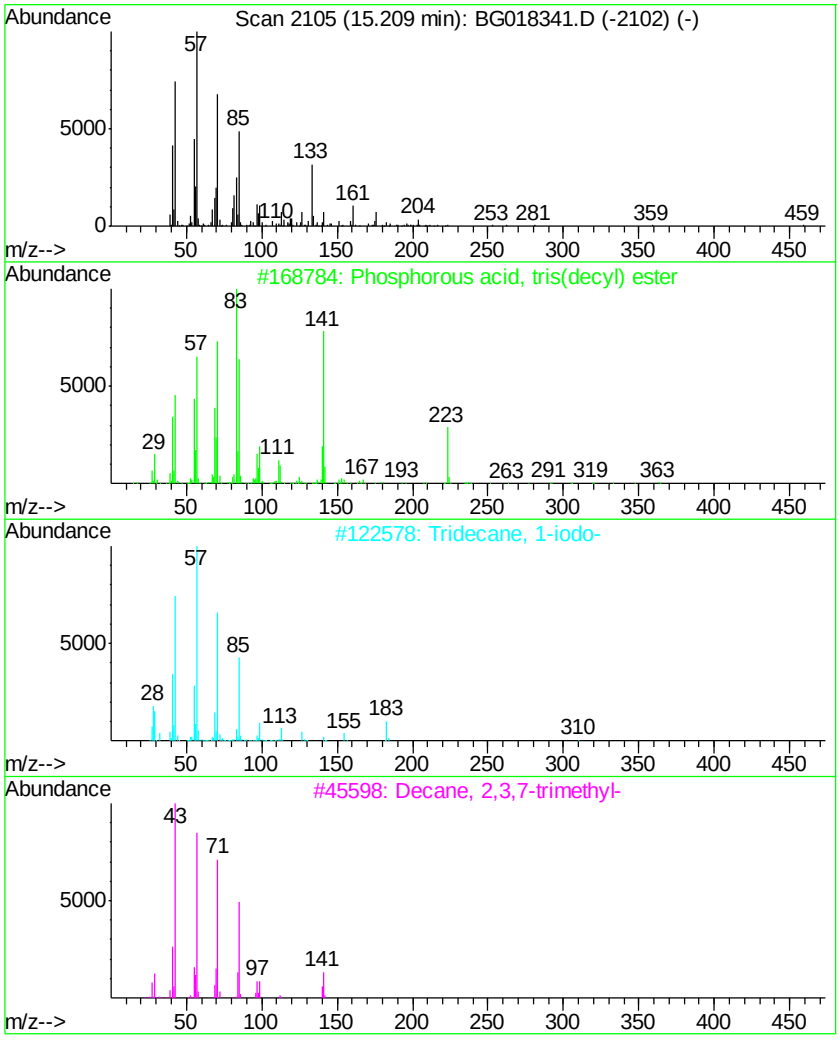
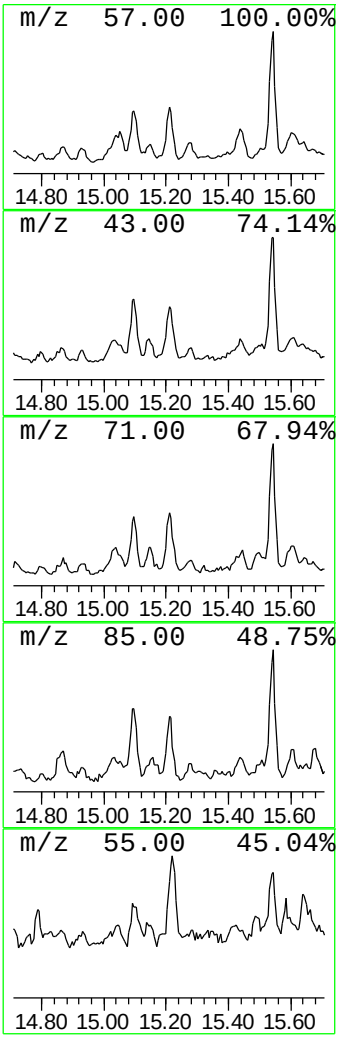
Peak Number 20 unknown-01 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	3.74 ng/ul	552543	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphorous acid, tris(decyl) ester	502	C30H63O3P	002929-86-4	43
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	22
3	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	22
4	4,4-Dipropylheptane	184	C13H28	017312-72-0	22
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	22





Library Search Compound Report

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Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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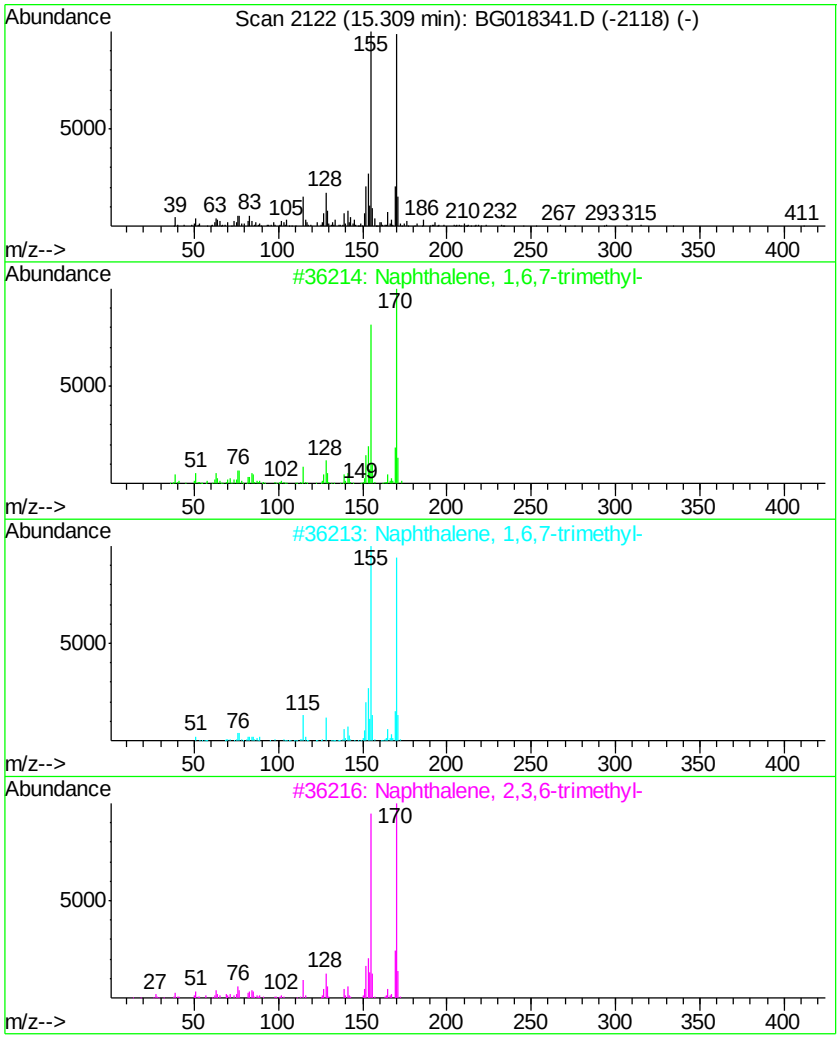
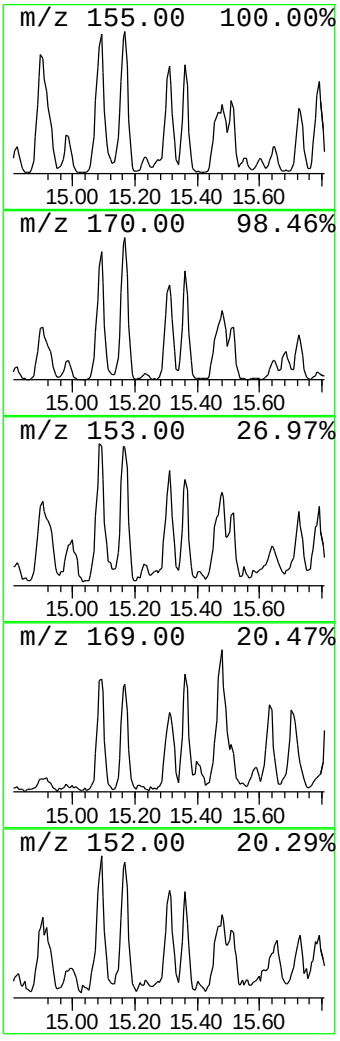
Peak Number 21 Naphthalene, 1,6,7-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	3.71 ng/ul	549133	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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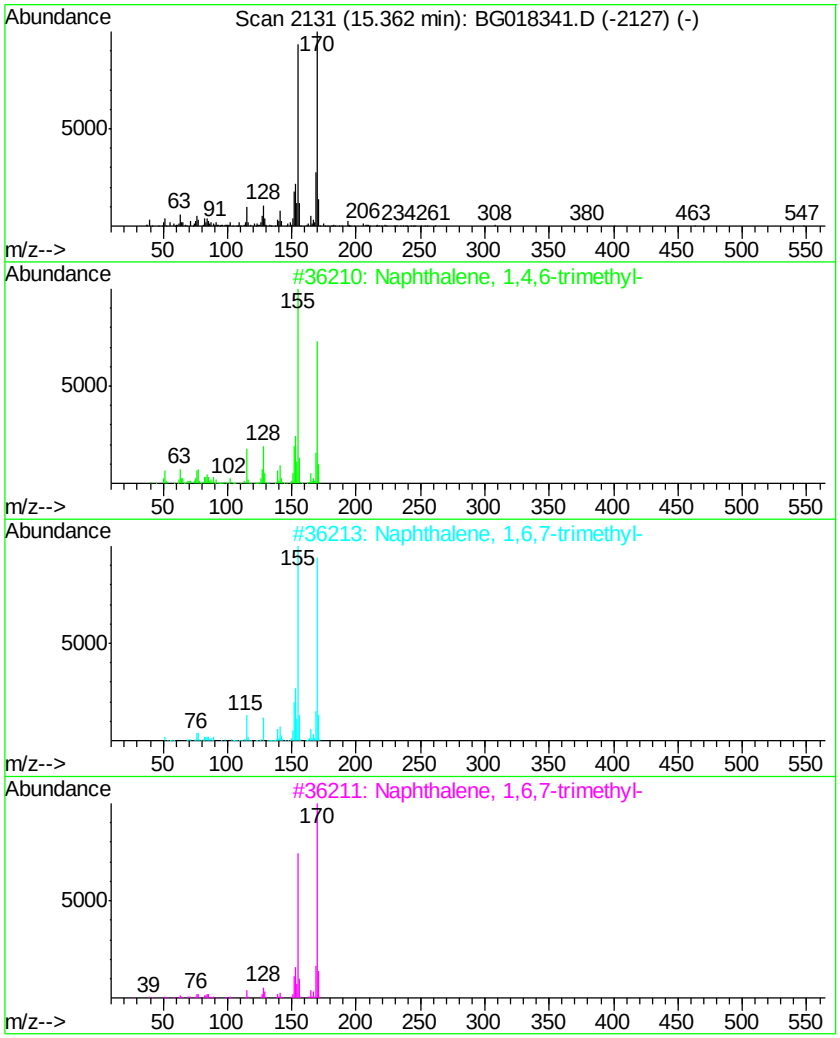
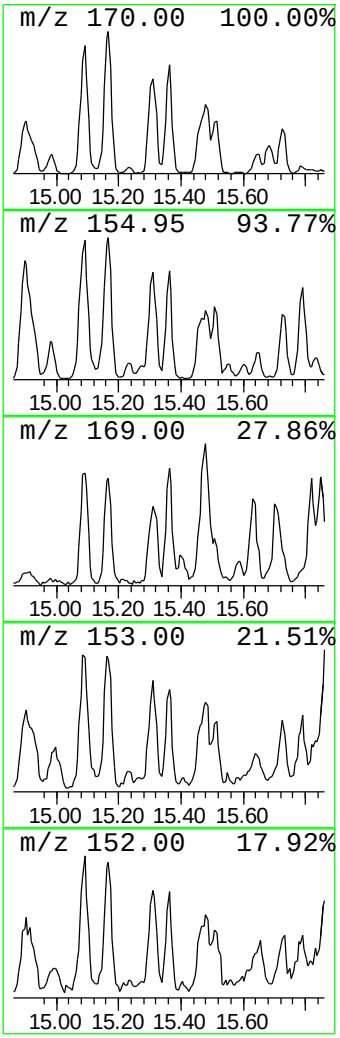
Peak Number 22 Naphthalene, 1,4,6-trimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	3.13 ng/ul	462587	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





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Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

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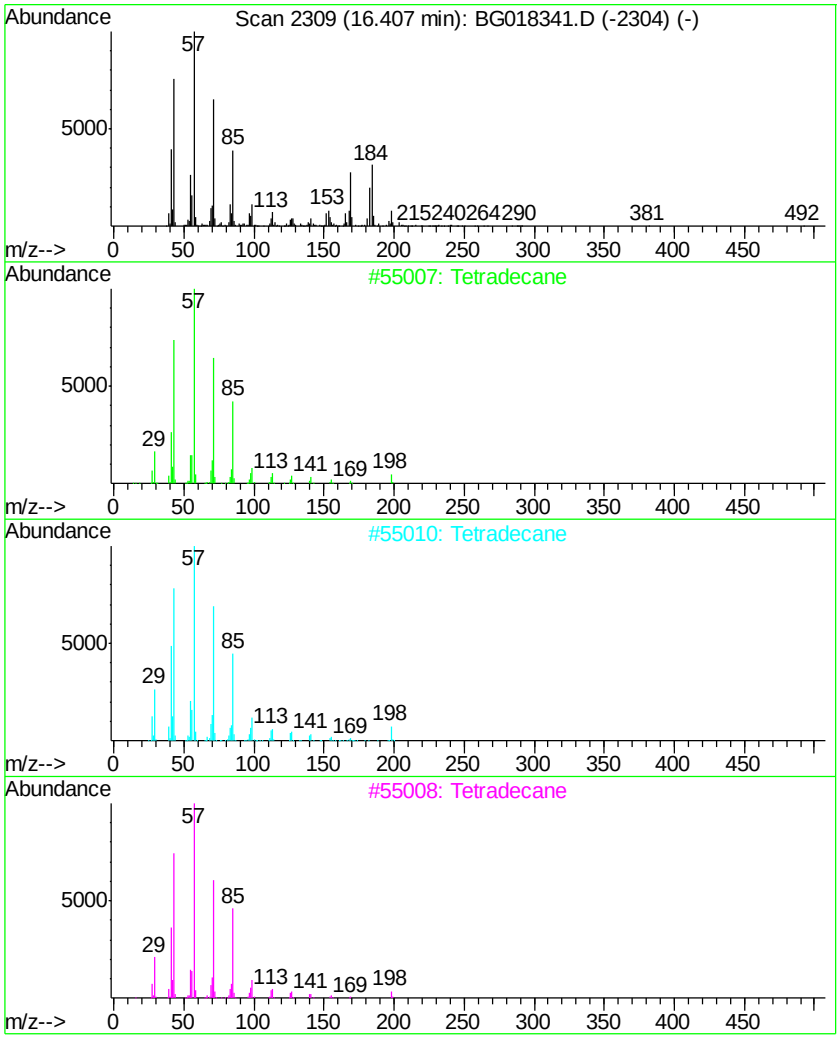
Quant Title : SVOA CALIBRATION

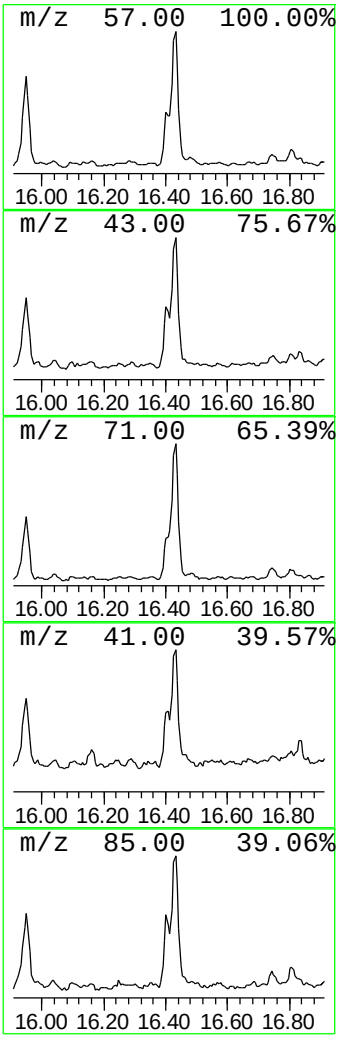
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	8.55 ng/ul	978303	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tetradecane	198	C14H30	000629-59-4	95
3	Tetradecane	198	C14H30	000629-59-4	92
4	Dodecane	170	C12H26	000112-40-3	53
5	Eicosane	282	C20H42	000112-95-8	53





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Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

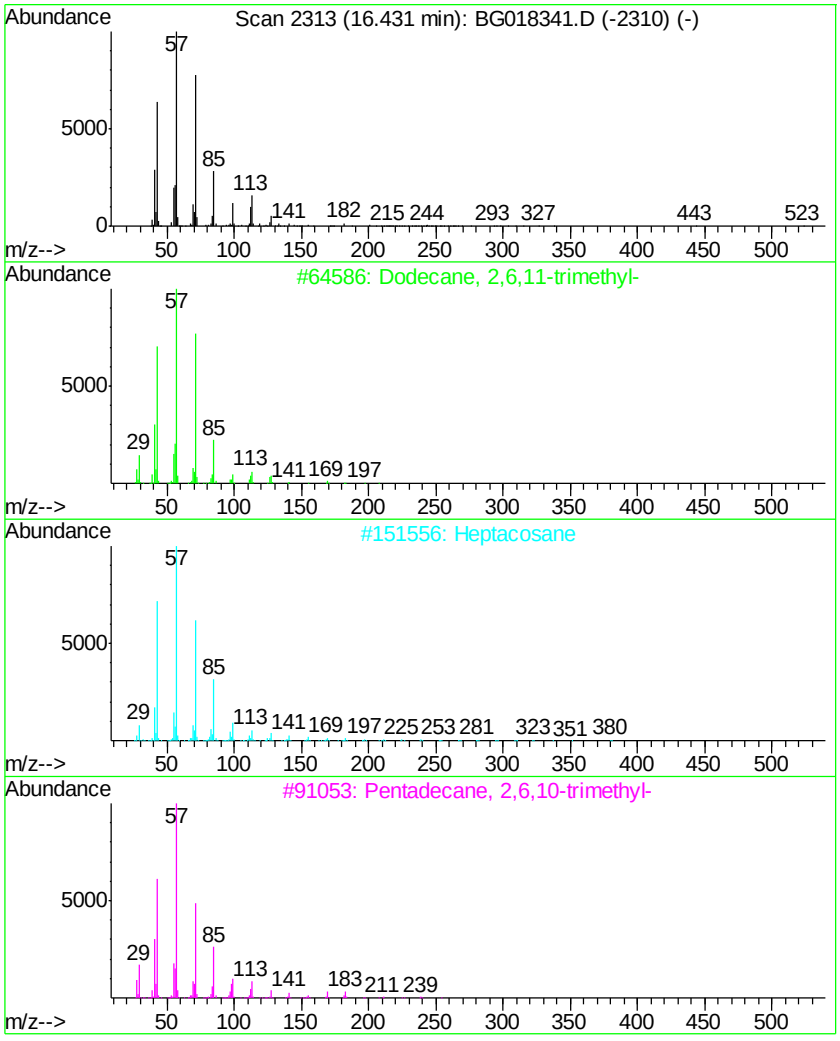
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

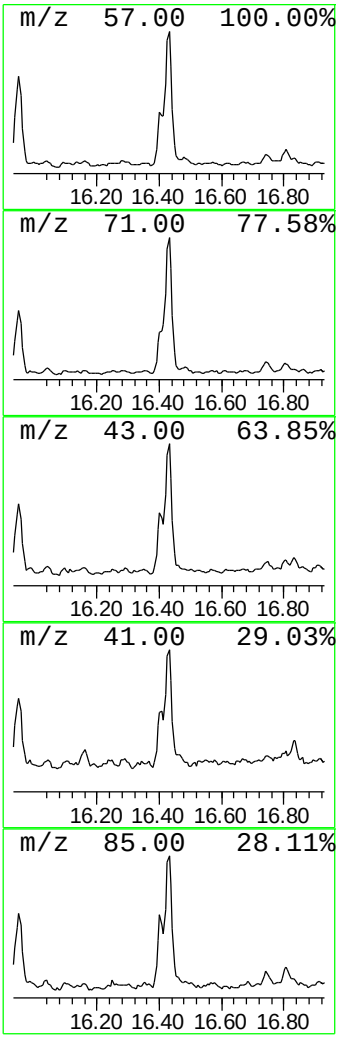
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	15.35 ng/ul	1756310	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2	Heptacosane	380	C27H56	000593-49-7	64
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	52
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	50
5	Octadecane	254	C18H38	000593-45-3	47





Library Search Compound Report

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Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

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Quant Title : SVOA CALIBRATION

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

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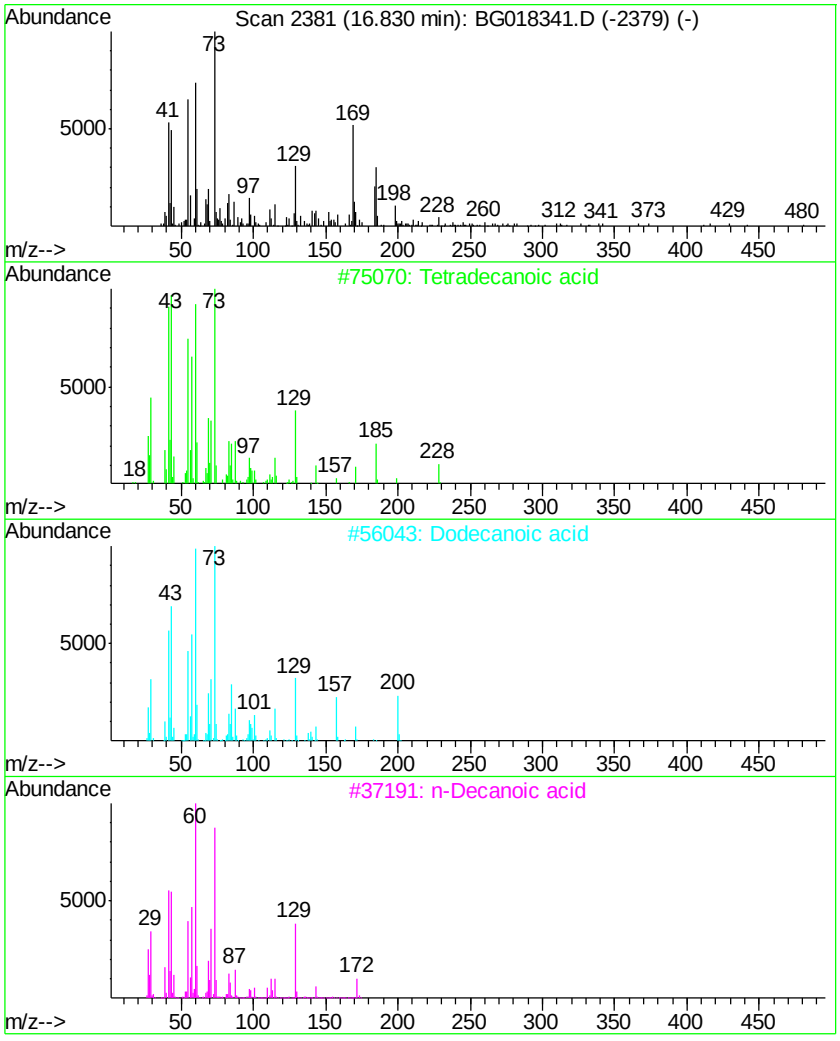
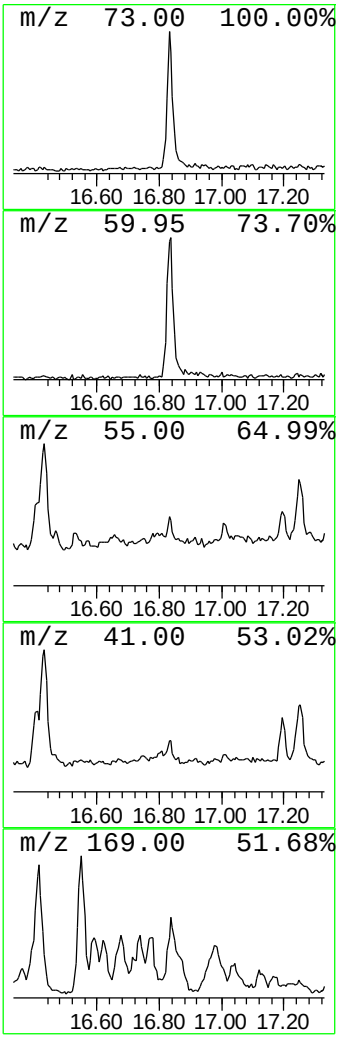
Peak Number 26 unknown-02 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.86 ng/ul	326983	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	45
2	Dodecanoic acid	200	C12H24O2	000143-07-7	38
3	n-Decanoic acid	172	C10H20O2	000334-48-5	38
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Library Search Compound Report

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Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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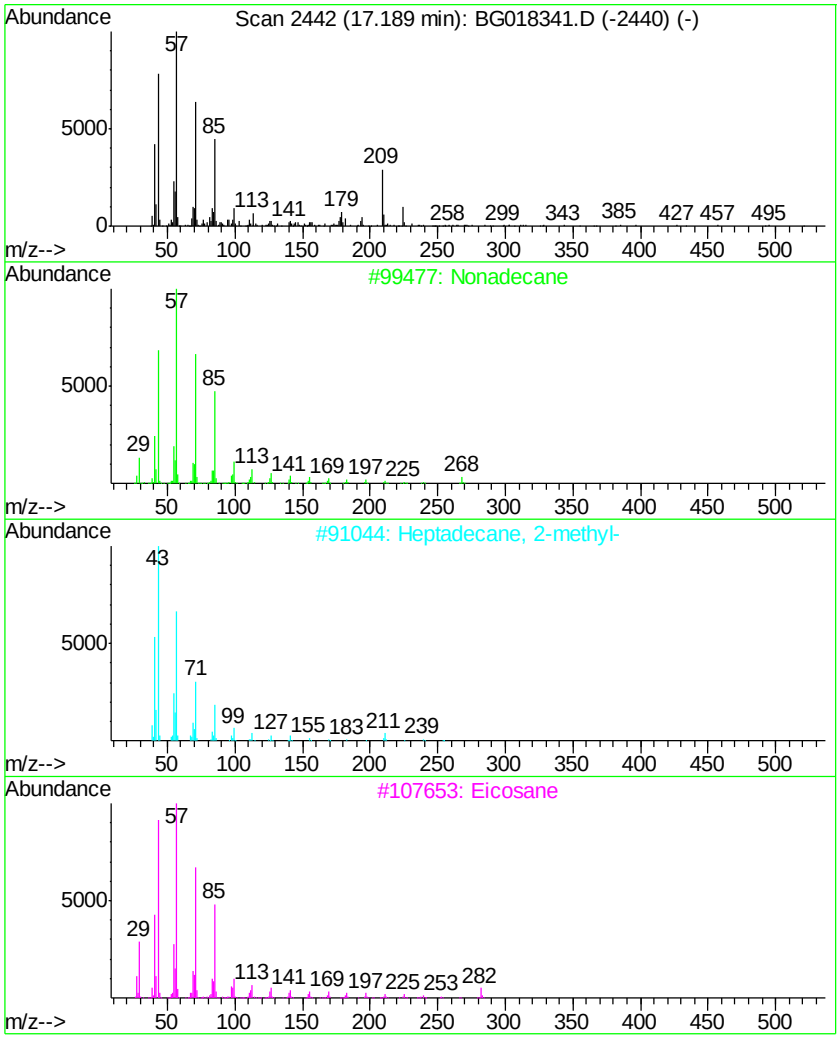
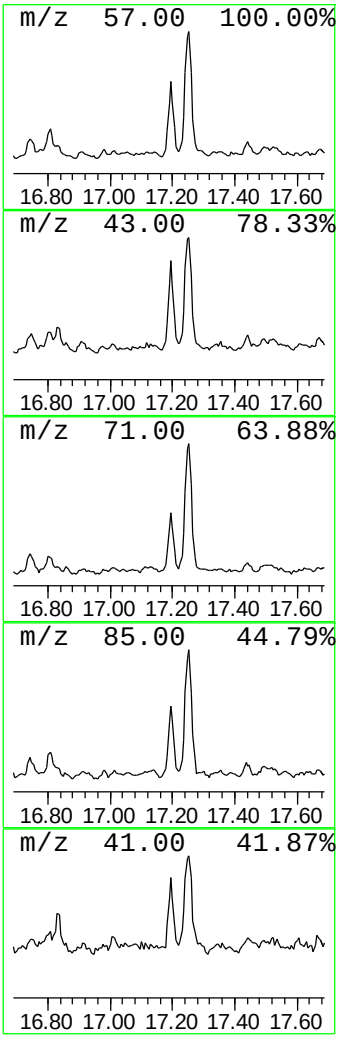
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	4.81 ng/ul	550396	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	62
3	Eicosane	282	C20H42	000112-95-8	53
4	Heptacosane	380	C27H56	000593-49-7	52
5	Tetradecane	198	C14H30	000629-59-4	52





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Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

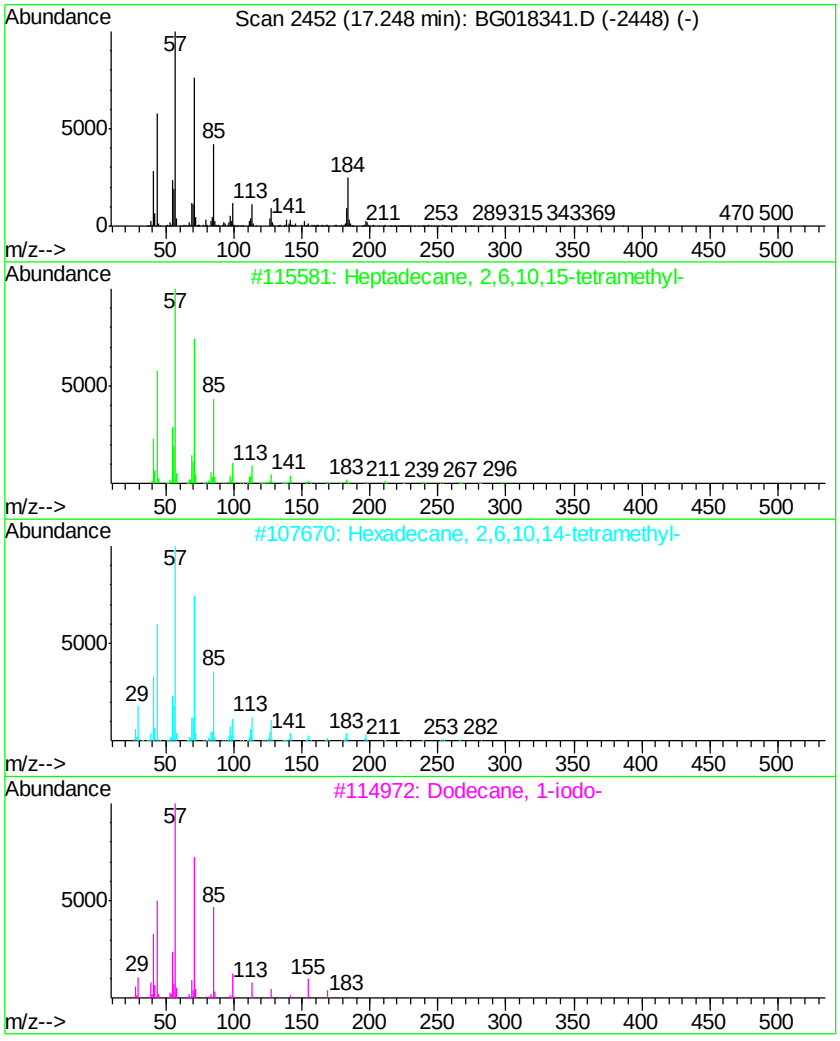
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

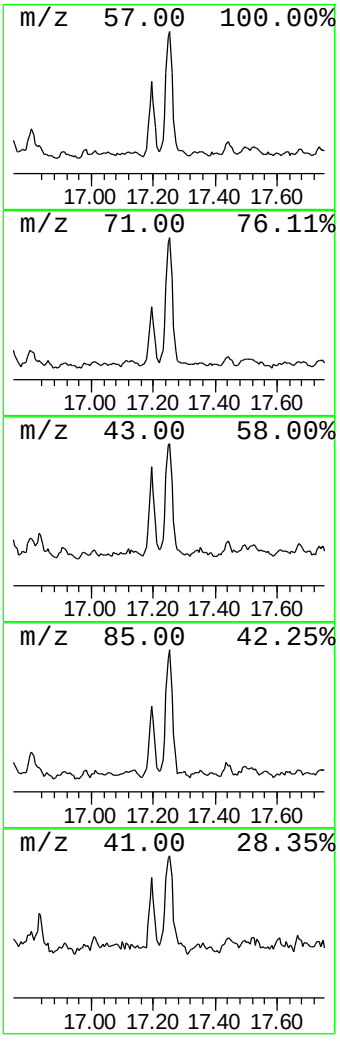
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	11.78 ng/ul	1347530	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	72
5	Tetracosane	338	C24H50	000646-31-1	72





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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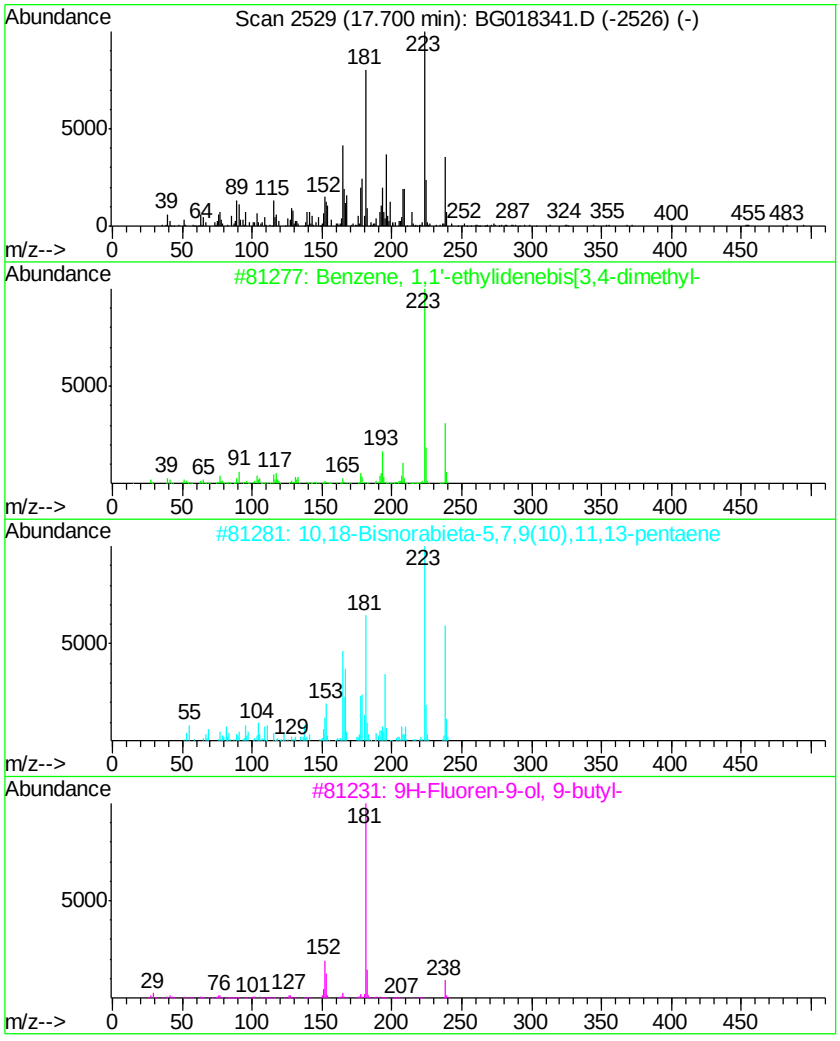
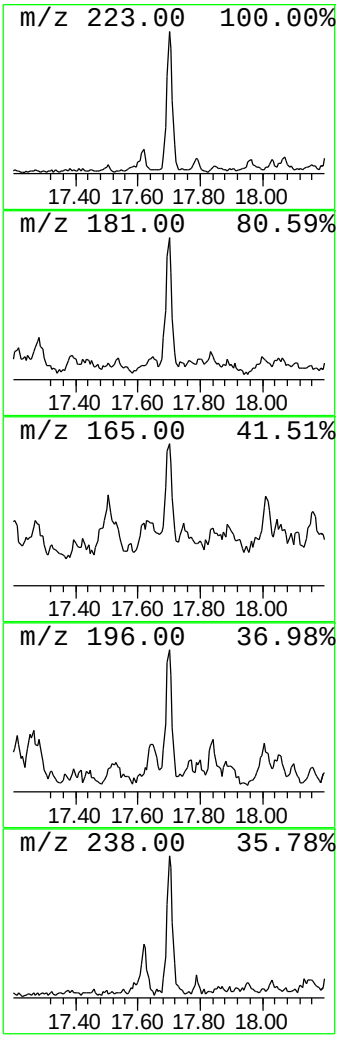
Peak Number 29 Benzene, 1,1'-ethylidenebis... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	4.17 ng/ul	476827	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	95
2	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	89
3	9H-Fluoren-9-ol, 9-butyl-	238	C17H18O	005806-10-0	60
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
5	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	45





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Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

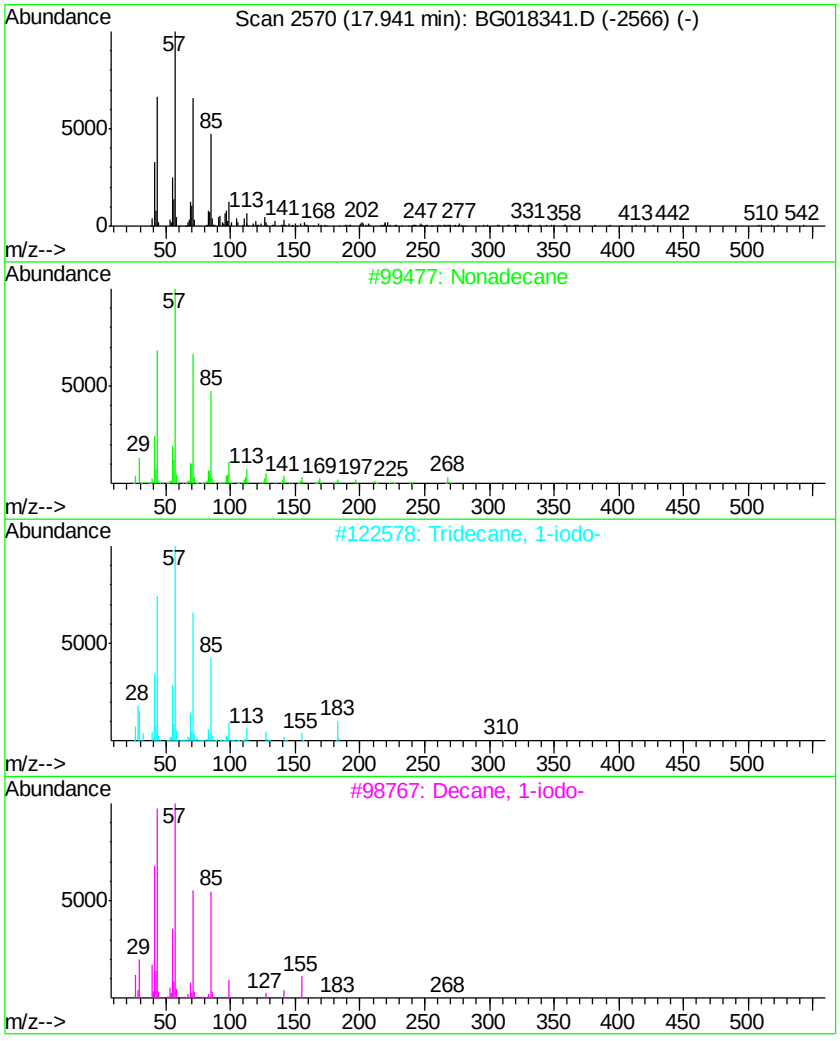
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

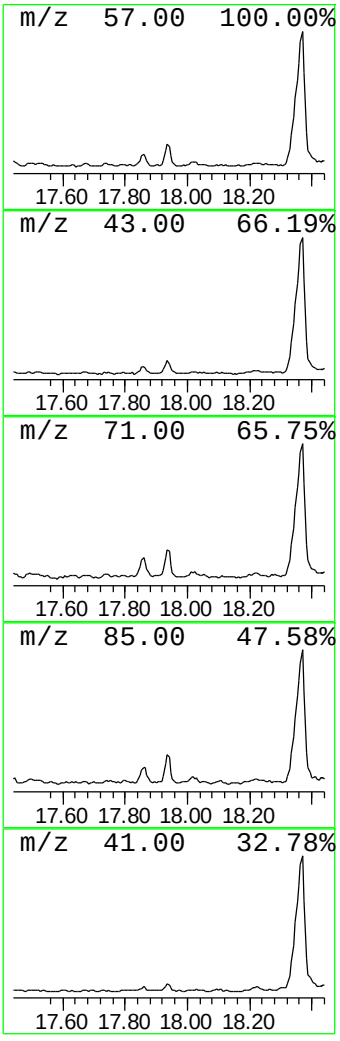
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.82 ng/ul	437103	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Eicosane	282	C20H42	000112-95-8	83





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Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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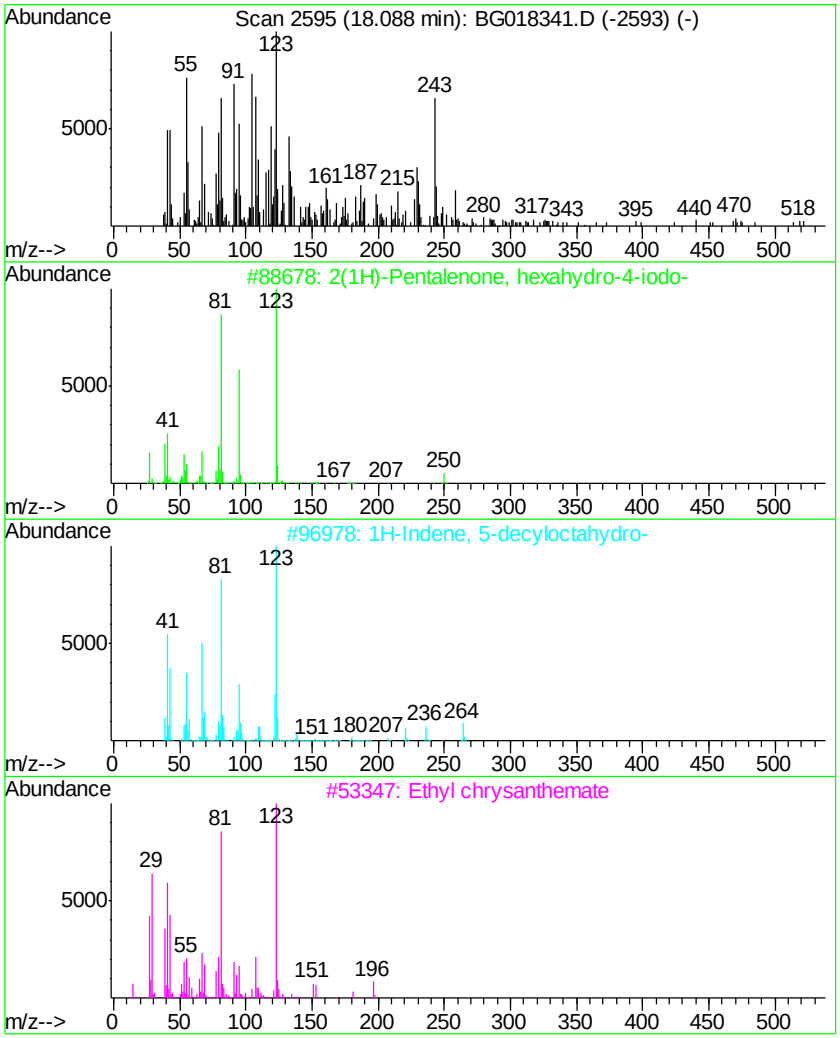
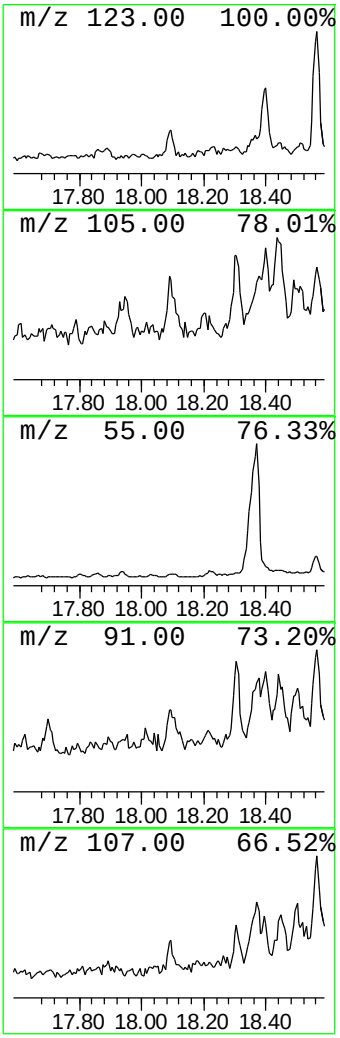
Peak Number 31 unknown-03 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.54 ng/ul	291136	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pentalenone, hexahydro-4-i...	250	C8H11IO	077070-56-5	43
2	1H-Indene, 5-decyloctahydro-	264	C19H36	055044-35-4	35
3	Ethyl chrysanthemate	196	C12H20O2	000097-41-6	35
4	Benzamide, 4-fluoro-N-(2,6-dimet...	243	C15H14FNO	117805-18-2	30
5	Bicyclo[2.2.2]octane, 1-iodo-4-m...	250	C9H15I	055044-63-8	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

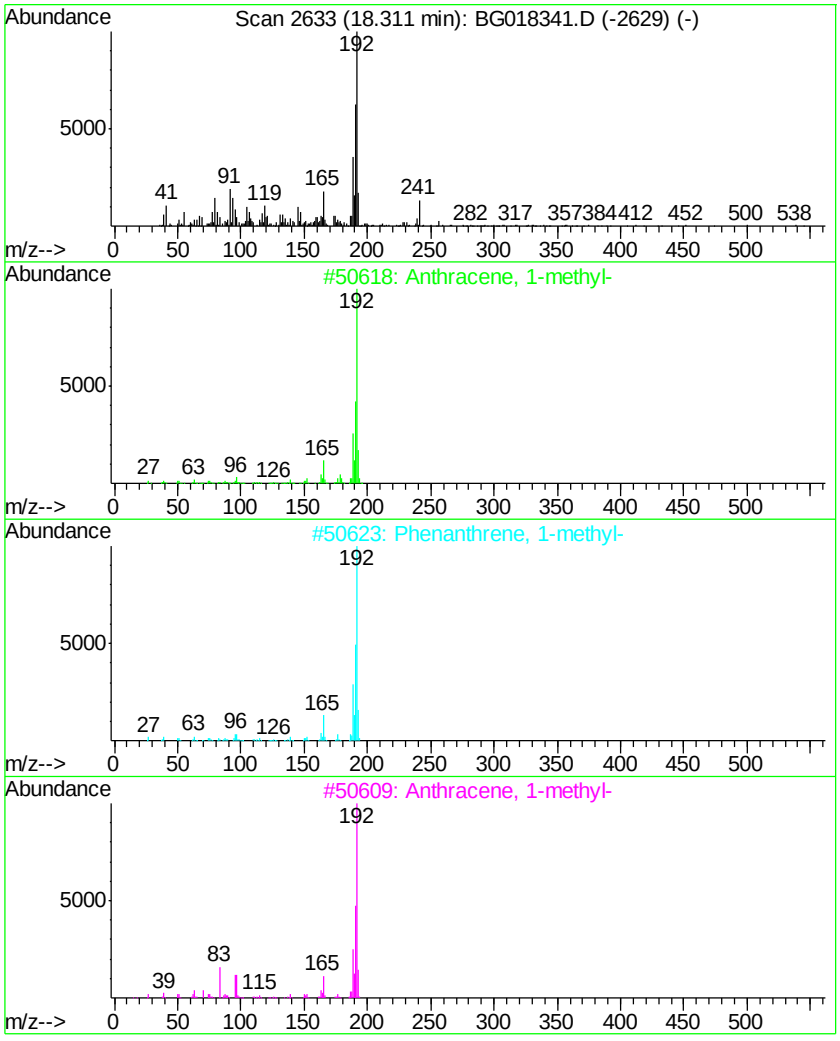
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

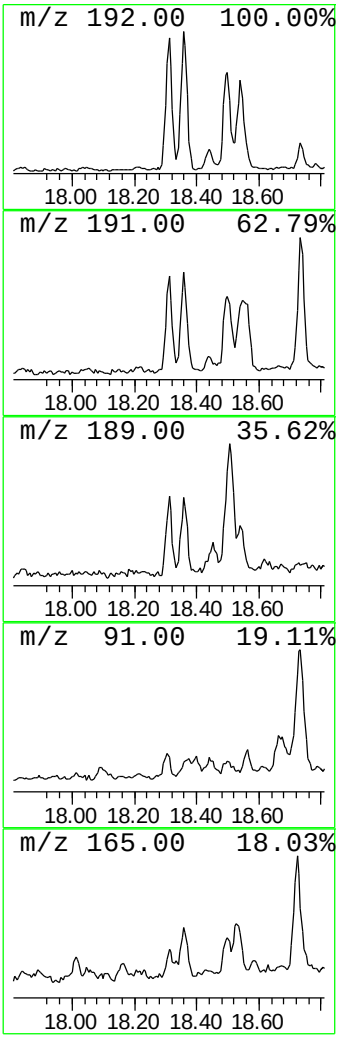
****

Peak Number 32 Anthracene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	4.19 ng/ul	479675	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





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Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

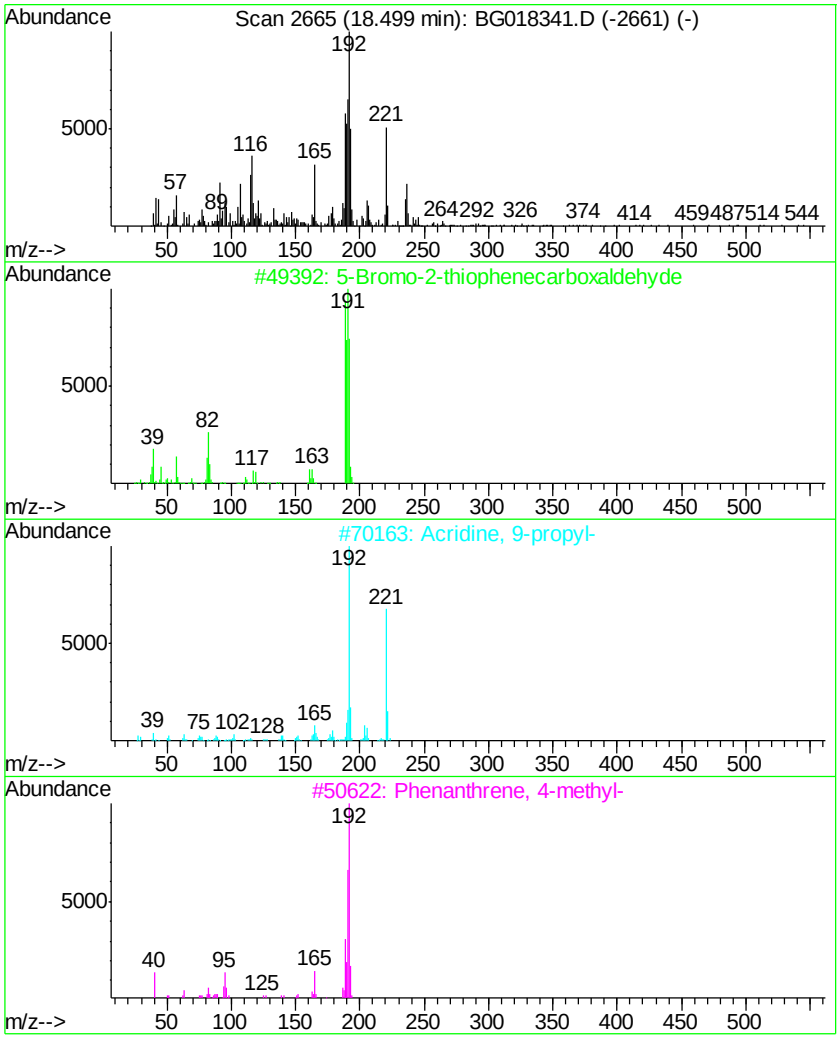
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

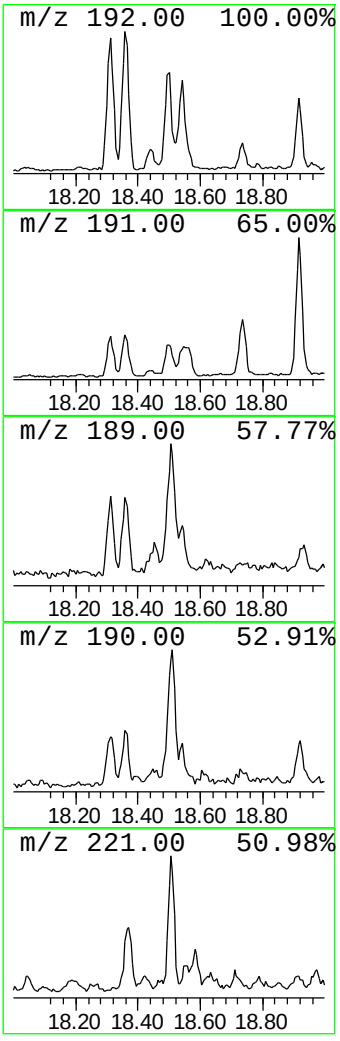
****

Peak Number 33 unknown-04 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	7.74 ng/ul	885134	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	43
2	Acridine, 9-propyl-	221	C16H15N	015539-29-4	43
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





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Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

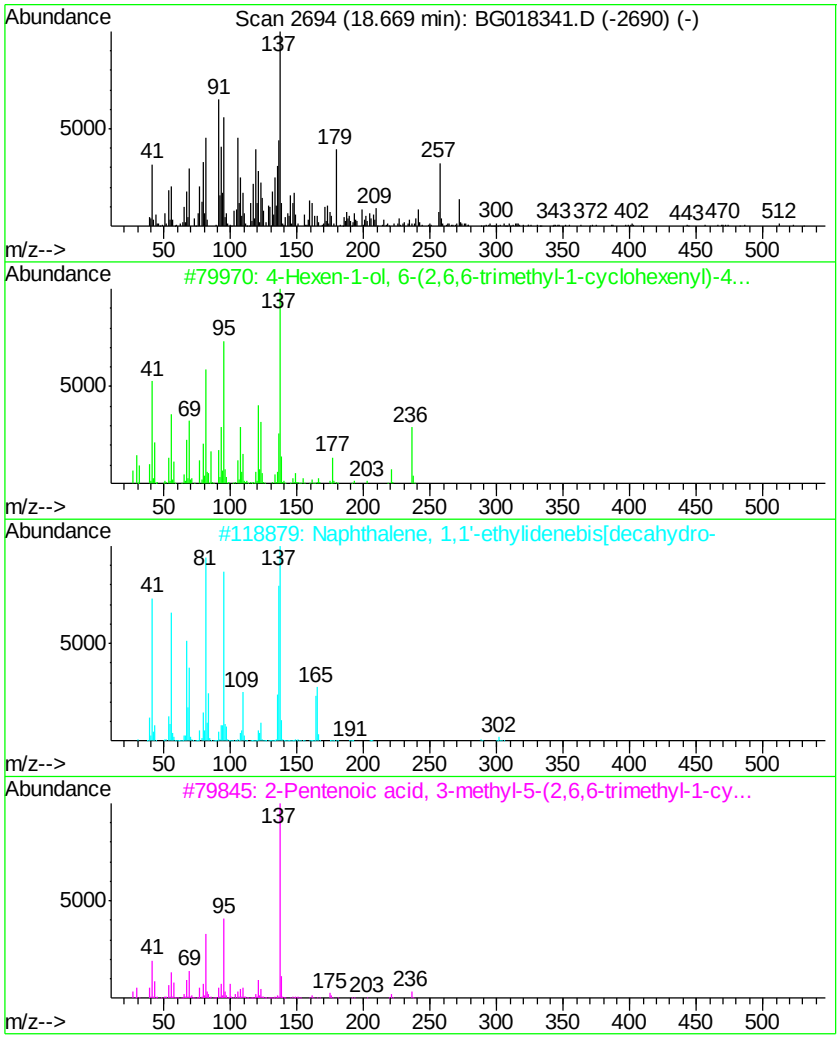
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

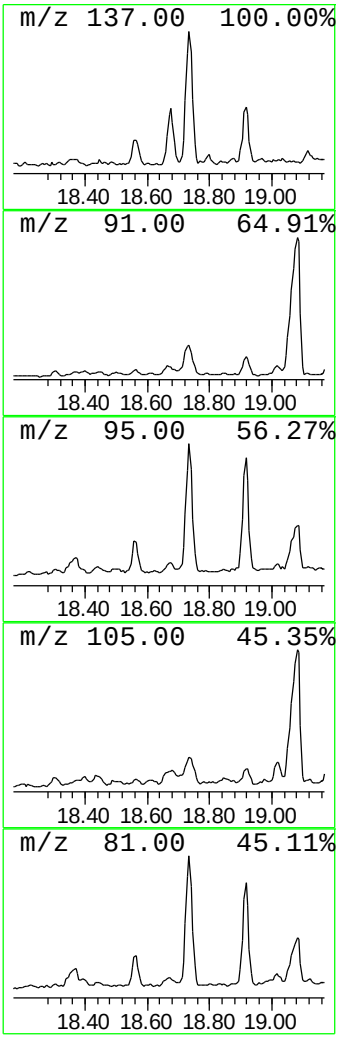
****

Peak Number 35 unknown-05 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	5.98 ng/ul	684018	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hexen-1-ol, 6-(2,6,6-trimethyl...	236	C16H28O	1000221-57-6	38
2	Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	27
3	2-Pentenoic acid, 3-methyl-5-(2,...	236	C15H24O2	1000196-81-2	27
4	3-Hexen-1-ol, 6-(2,6,6-trimethyl...	236	C16H28O	110202-07-8	27
5	3-Iodomethyl-3,6,6-trimethyl-cyc...	264	C10H17I	1000193-08-2	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

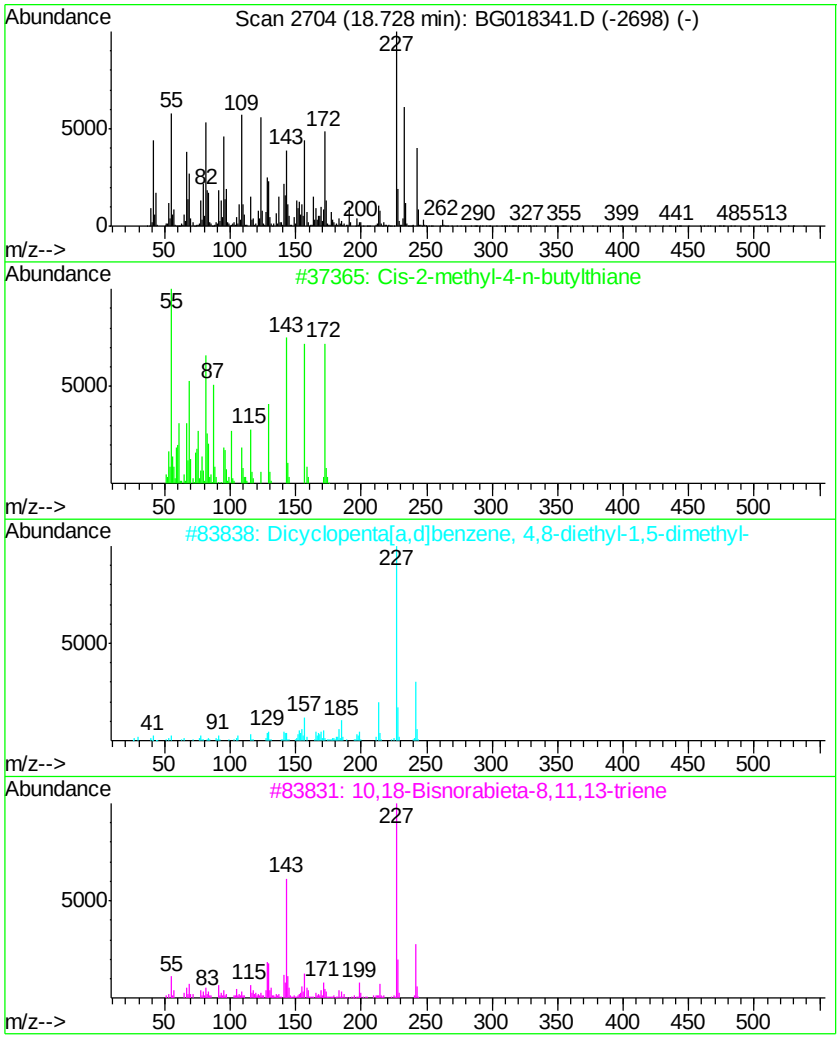
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

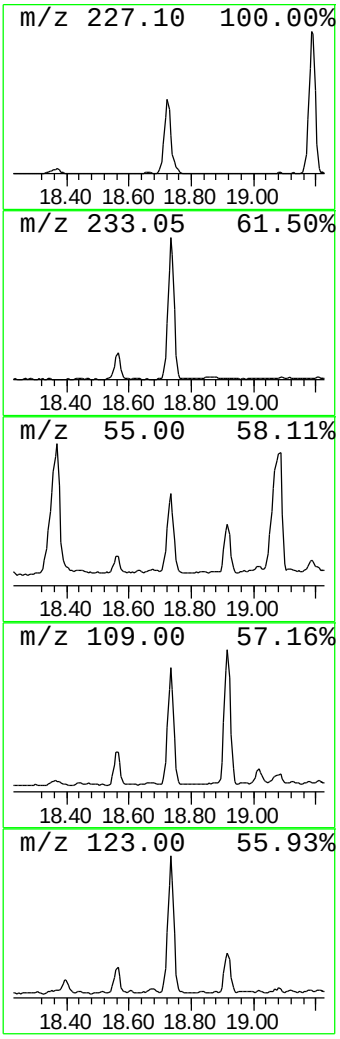
****

Peak Number 36 Cis-2-methyl-4-n-butylthiane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	88.63 ng/ul	10140300	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cis-2-methyl-4-n-butylthiane	172	C10H20S	076097-67-1	70
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	47
3	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	42
4	2-(2'-Methoxyphenyl)-2-(4'-hydro...	242	C16H18O2	1000283-53-1	35
5	3-(6-Oxo-1-cyclohexen-1-yl)-2-in...	227	C14H13NO2	076325-86-5	20





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

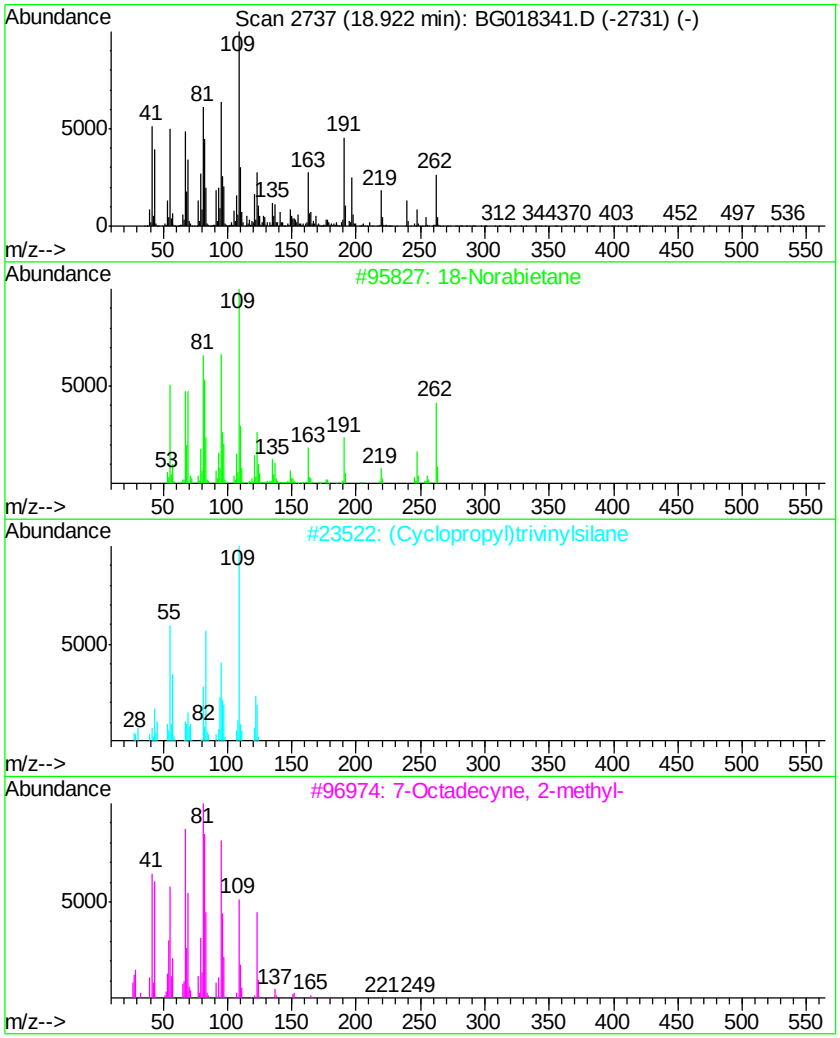
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

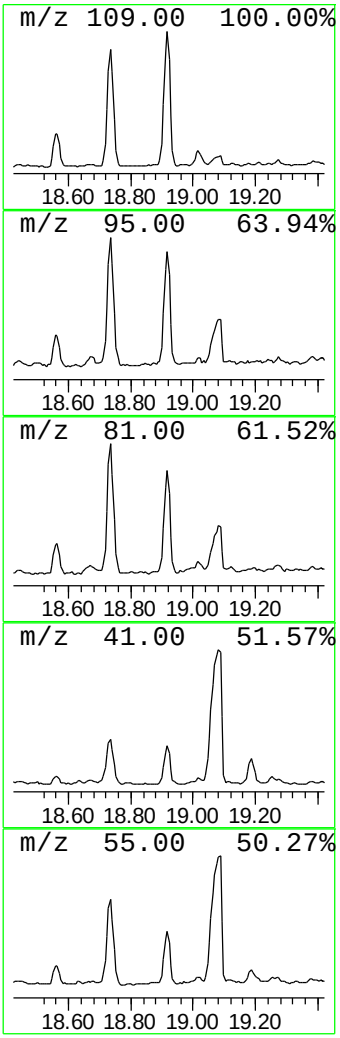
****

Peak Number 37 18-Norabietane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	44.01 ng/ul	5035580	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	93
2	(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	38
3	7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	27
4	(4R*,5R*,9S*)-5,9-Dimethylspiro[...	166	C11H18O	063088-19-7	25
5	Pyrazol-4-amine, 1-(4-fluorobenz...	219	C12H14FN3	1000272-83-8	22





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Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

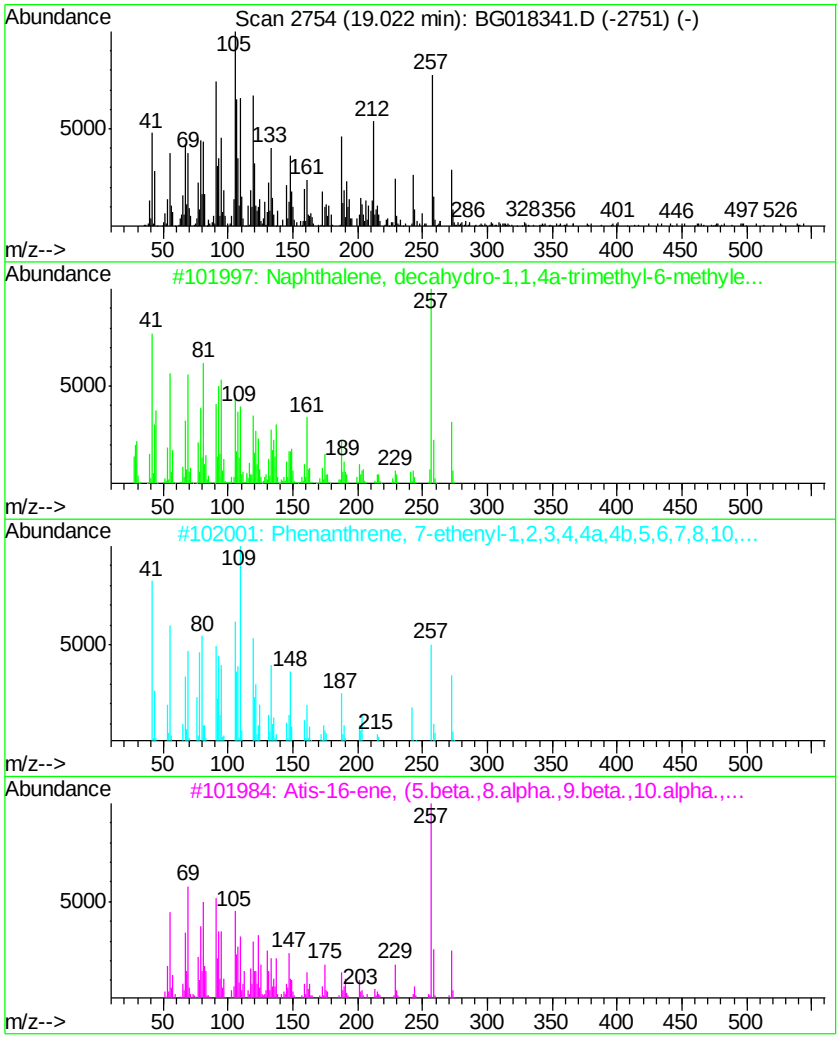
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

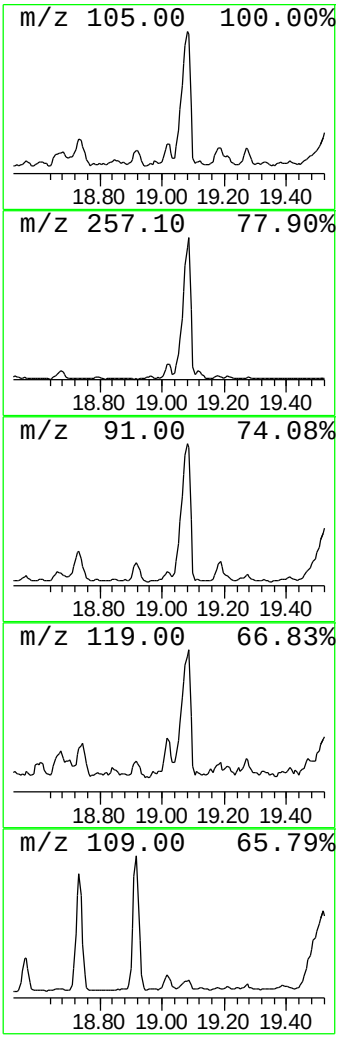
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Naphthalene, decahydro-1,1,... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	3.46 ng/ul	395677	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,1,4a-tr...	272	C20H32	005957-33-5	64
2	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	001686-66-4	49
3	Atis-16-ene, (5.beta.,8.alpha.,9...	272	C20H32	020230-48-2	30
4	Naphthalene, decahydro-1,1,4a-tr...	272	C20H32	000511-02-4	22
5	6-Benzyl-2,4-dihydroxy-5H-pyrrol...	257	C13H11N3O3	019068-66-7	14





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

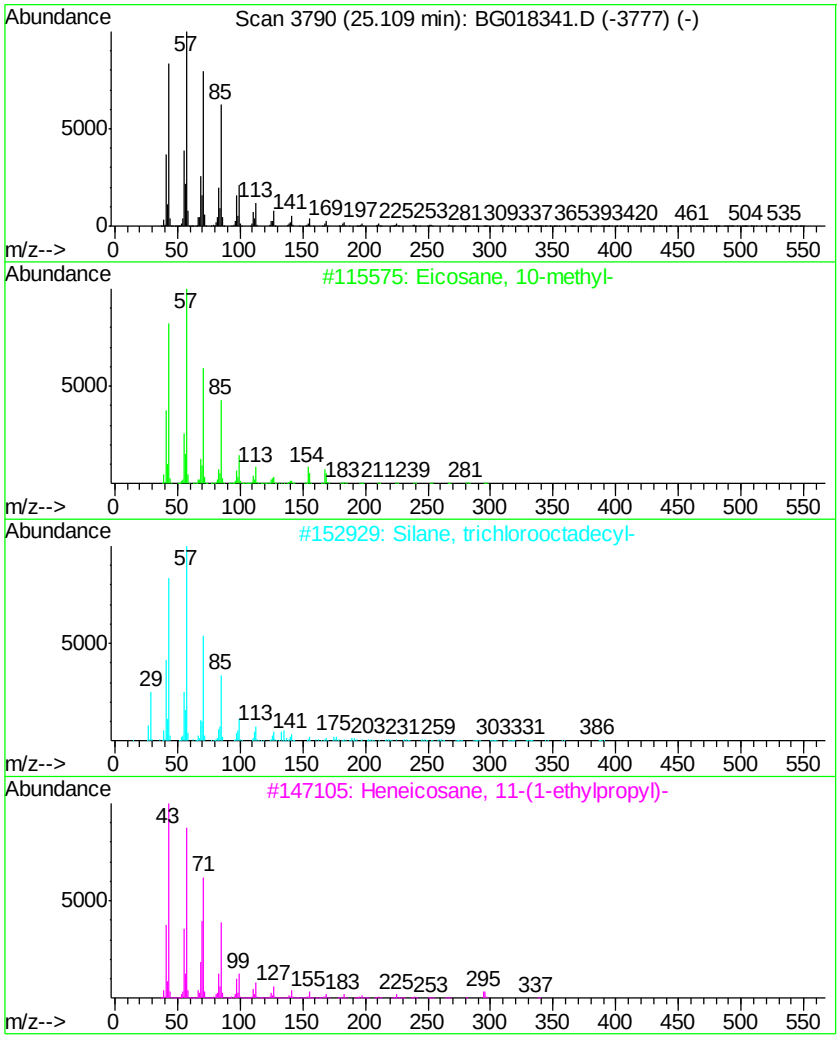
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

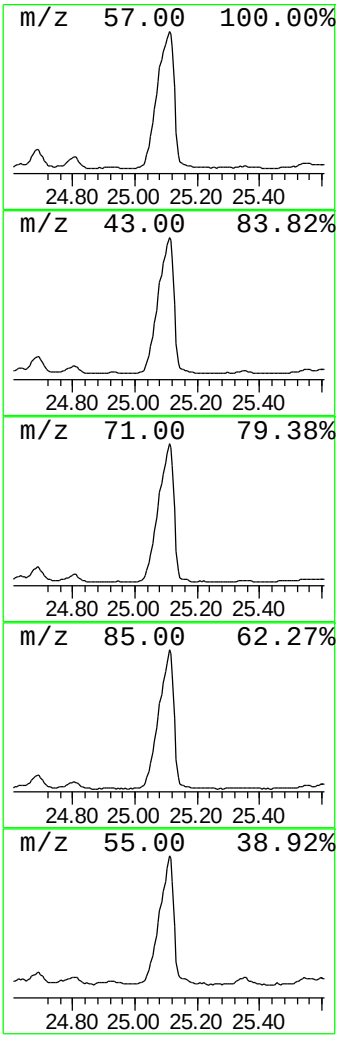
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.11	20.00 ng/ul	29137400	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	87
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4	10-Methylnonadecane	282	C20H42	056862-62-5	87
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

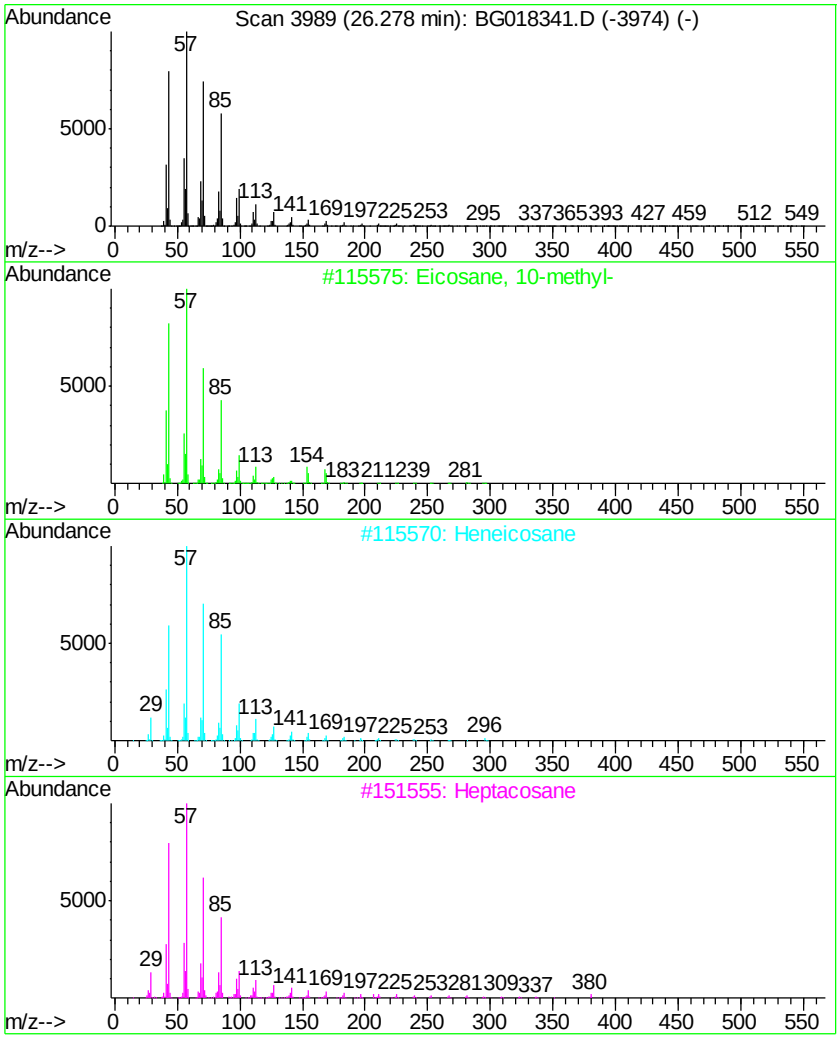
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

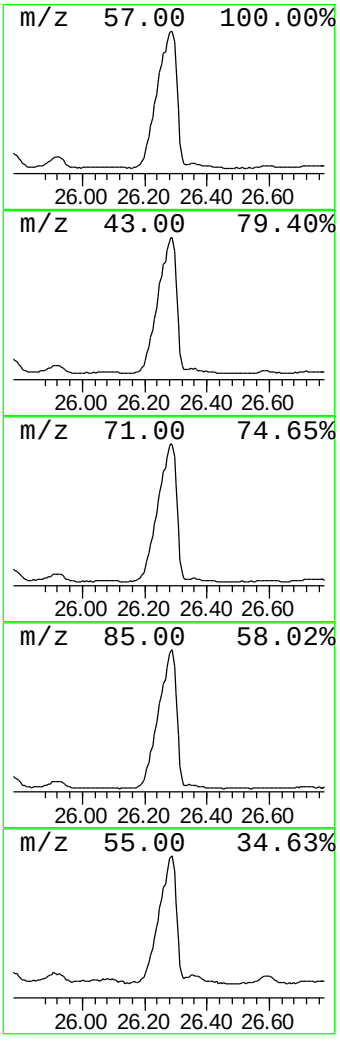
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.28	20.84 ng/ul	30363900	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

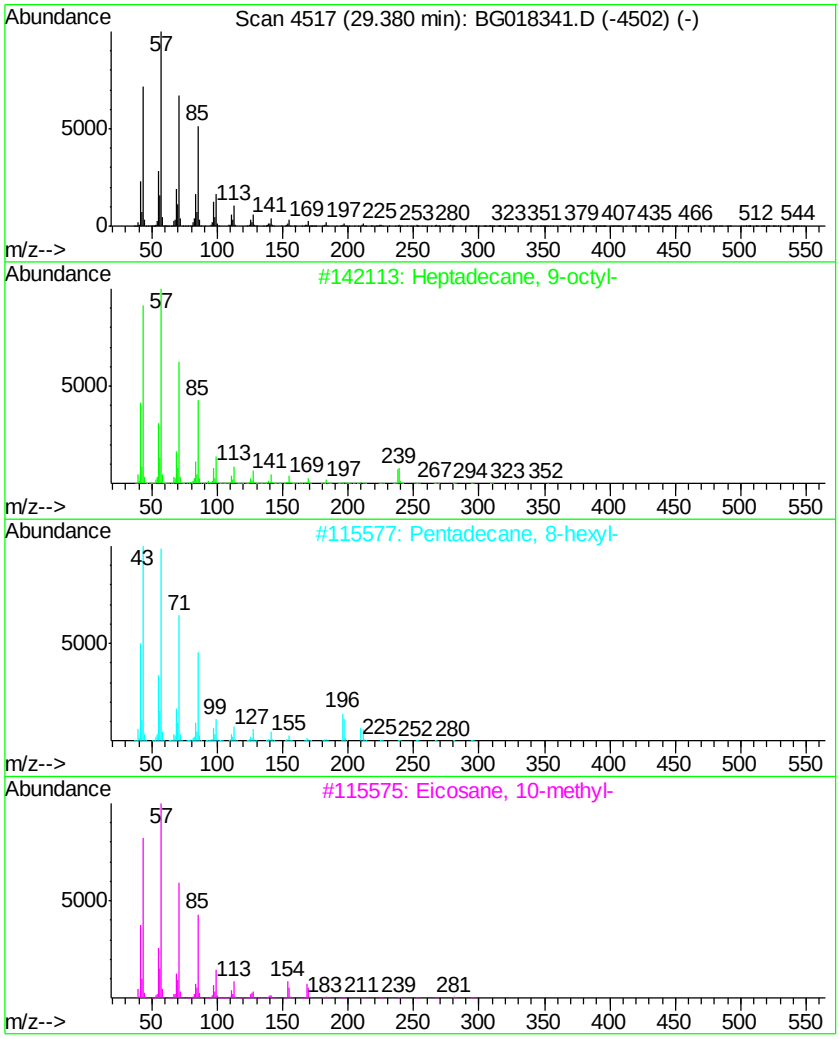
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

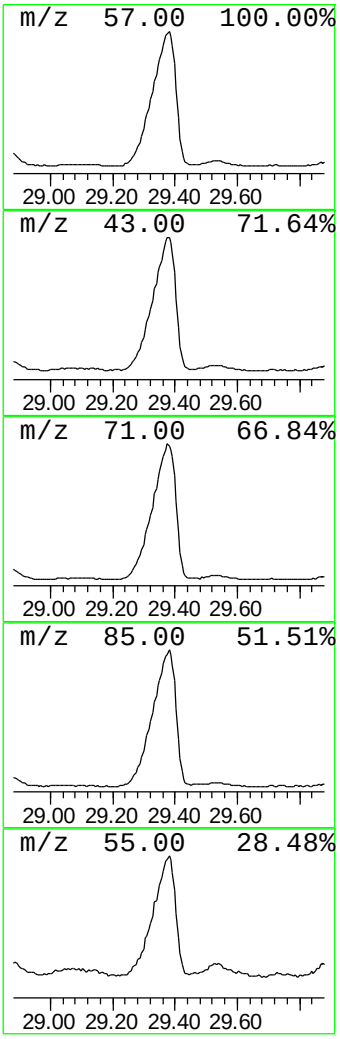
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.38	14.72 ng/ul	21439200	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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: Str...	7.07	6.2	ng/ul	318111	1	8.08	1034170	20.0
Benzene, 1,3,5-tr...	7.72	10.5	ng/ul	541803	1	8.08	1034170	20.0
1-Methyldecahydro...	10.07	3.0	ng/ul	297949	2	10.88	2019980	20.0
Benzene, 1-methyl...	10.28	2.8	ng/ul	285384	2	10.88	2019980	20.0
(DEL) Alkane: Cyc...	11.58	3.3	ng/ul	329180	2	10.88	2019980	20.0
1H-Indene, 2,3-di...	11.79	2.9	ng/ul	296424	2	10.88	2019980	20.0
(DEL) Alkane: Str...	11.91	5.2	ng/ul	523184	2	10.88	2019980	20.0
(DEL) Alkane: Str...	12.29	4.1	ng/ul	418452	2	10.88	2019980	20.0
(DEL) Alkane: Str...	13.24	5.8	ng/ul	858469	3	14.69	2958230	20.0
Naphthalene, 2,6-...	13.86	4.2	ng/ul	616272	3	14.69	2958230	20.0
Naphthalene, 1,6-...	14.02	8.2	ng/ul	1211220	3	14.69	2958230	20.0
Naphthalene, 2,3-...	14.25	4.1	ng/ul	610832	3	14.69	2958230	20.0
(DEL) Alkane: Cyc...	14.53	2.7	ng/ul	402869	3	14.69	2958230	20.0
(DEL) Alkane: Str...	14.59	4.5	ng/ul	663196	3	14.69	2958230	20.0
4-Quinolinol, 2-m...	15.02	2.4	ng/ul	348148	3	14.69	2958230	20.0
Naphthalene, 2,3,...	15.16	5.1	ng/ul	748022	3	14.69	2958230	20.0
unknown-01	15.21	3.7	ng/ul	552543	3	14.69	2958230	20.0
Naphthalene, 1,6,...	15.31	3.7	ng/ul	549133	3	14.69	2958230	20.0
Naphthalene, 1,4,...	15.36	3.1	ng/ul	462587	3	14.69	2958230	20.0
(DEL) Alkane: Str...	16.41	8.6	ng/ul	978303	4	17.44	2288320	20.0
(DEL) Alkane: Str...	16.43	15.4	ng/ul	1756310	4	17.44	2288320	20.0
unknown-02	16.83	2.9	ng/ul	326983	4	17.44	2288320	20.0
(DEL) Alkane: Str...	17.19	4.8	ng/ul	550396	4	17.44	2288320	20.0
(DEL) Alkane: Str...	17.25	11.8	ng/ul	1347530	4	17.44	2288320	20.0
Benzene, 1,1'-eth...	17.70	4.2	ng/ul	476827	4	17.44	2288320	20.0
(DEL) Alkane: Str...	17.94	3.8	ng/ul	437103	4	17.44	2288320	20.0
unknown-03	18.09	2.5	ng/ul	291136	4	17.44	2288320	20.0
Anthracene, 1-met...	18.31	4.2	ng/ul	479675	4	17.44	2288320	20.0
unknown-04	18.50	7.7	ng/ul	885134	4	17.44	2288320	20.0
unknown-05	18.67	6.0	ng/ul	684018	4	17.44	2288320	20.0
Cis-2-methyl-4-n-...	18.73	88.6	ng/ul	10140300	4	17.44	2288320	20.0
18-Norabietane	18.92	44.0	ng/ul	5035580	4	17.44	2288320	20.0
Naphthalene, deca...	19.02	3.5	ng/ul	395677	4	17.44	2288320	20.0
(DEL) Alkane: Str...	25.11	20.0	ng/ul	29137400	6	25.02	29137400	20.0
(DEL) Alkane: Str...	26.28	20.8	ng/ul	30363900	6	25.02	29137400	20.0
(DEL) Alkane: Str...	29.38	14.7	ng/ul	21439200	6	25.02	29137400	20.0