LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018162.D
Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

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-BG072315.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.713	680	685	690	rVB2	12563	19265	1.01%	0.125%
2	6.859	706	710	718	rVB2	10760	16867	0.88%	0.109%
3	7.053	738	743	749	rVB2	15983	25435	1.33%	0.165%
4	7.518	816	822	828	rVB	156724	242988	12.70%	1.576%
5	7.882	879	884	891	rVB2	11100	18015	0.94%	0.117%
6	8.046	908	912	916	rVB2	5762	7908	0.41%	0.051%
7	8.234	940	944	951	rBV	17403	27819	1.45%	0.180%
8	8.669	1012	1018	1025	rVB2	13760	22900	1.20%	0.149%
9	9.392	1136	1141	1146	rBV3	10413	17096	0.89%	0.111%
10	9.932	1227	1233	1239	rVB2	17420	29005	1.52%	0.188%
11	10.297	1289	1295	1300	rBV	224348	391447	20.46%	2.539%
12	10.350	1300	1304	1312	rVB	256202	405562	21.19%	2.630%
13	10.467	1320	1324	1332	rVB	11253	20376	1.06%	0.132%
14	11.977	1573	1581	1591	rBV	280781	448965	23.46%	2.912%
15	12.100	1594	1602	1609	rBV2	14921	23774	1.24%	0.154%
16	12.200	1609	1619	1628	rVB	143009	226176	11.82%	1.467%
17	13.011	1751	1757	1763	rVB	78422	110436	5.77%	0.716%
18	13.211	1785	1791	1799	rBV	36270	59643	3.12%	0.387%
19	13.346	1808	1814	1816	rBV2	46586	78692	4.11%	0.510%
20	13.505	1831	1841	1846	rBV2	70230	125521	6.56%	0.814%
21	13.558	1846	1850	1854	rVV	48139	65779	3.44%	0.427%
22	13.605	1854	1858	1862	rVV	33825	46856	2.45%	0.304%
23	13.652	1862	1866	1870	rVV2	10048	13638	0.71%	0.088%
24	13.746	1877	1882	1885	rVV	29003	43238	2.26%	0.280%
25	13.781	1885	1888	1891	rVB2	9546	11892	0.62%	0.077%
26	13.875	1899	1904	1907	rBV	39791	56694	2.96%	0.368%
27	13.904	1907	1909	1916	rVB2	20281	29426	1.54%	0.191%
28	14.192	1949	1958	1963	rBV2	333079	565246	29.54%	3.666%
29	14.257	1963	1969	1977	rVV	444321	688186	35.96%	4.463%
30	14.321	1977	1980	1986	rVB	14302	19858	1.04%	0.129%
31	14.404	1988	1994	1996	rVV3	12829	23236	1.21%	0.151%
32	14.421	1996	1997	2002	rVV2	15272	17720	0.93%	0.115%
33	14.503	2006	2011	2015	rVB2	19625	30254	1.58%	0.196%
34	14.592	2020	2026	2034	rVV	317733	440032	23.00%	2.854%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018162.D
Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

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-BG072315.M
Title : SVOA CALIBRATION

35	14.674	2034	2040	2045	rVV	19103	27948	1.46%	0.181%
36	14.815	2057	2064	2068	rBV3	13807	23897	1.25%	0.155%
37	14.868	2068	2073	2079	rVB2	16197	22855	1.19%	0.148%
38	14.991	2086	2094	2097	rBV3	11947	25367	1.33%	0.165%
39	15.021	2097	2099	2103	rVV4	7985	11090	0.58%	0.072%
40	15.062	2103	2106	2111	rVB6	5625	9291	0.49%	0.060%
41	15.144	2114	2120	2121	rBV3	6586	9587	0.50%	0.062%
42	15.191	2121	2128	2132	rVV2	55733	90887	4.75%	0.589%
43	15.244	2132	2137	2143	rVV	464954	646281	33.77%	4.191%
44	15.338	2148	2153	2156	rBV3	18657	30831	1.61%	0.200%
45	15.367	2156	2158	2161	rVV2	36088	47213	2.47%	0.306%
46	15.408	2161	2165	2170	rVV2	60875	90639	4.74%	0.588%
47	15.461	2170	2174	2176	rVV3	16106	23100	1.21%	0.150%
48	15.496	2176	2180	2184	rVV	31647	47373	2.48%	0.307%
49	15.543	2184	2188	2197	rVB	72141	102346	5.35%	0.664%
50	15.690	2205	2213	2221	rVV	68882	137529	7.19%	0.892%
51	15.778	2221	2228	2235	rVB4	12609	29812	1.56%	0.193%
52	15.925	2247	2253	2261	rVB4	15758	41780	2.18%	0.271%
53	16.043	2266	2273	2280	rBV4	23937	40761	2.13%	0.264%
54	16.119	2280	2286	2287	rBV5	3752	7350	0.38%	0.048%
55	16.149	2287	2291	2296	rVB7	7501	12829	0.67%	0.083%
56	16.254	2298	2309	2313	rBV3	51525	111350	5.82%	0.722%
57	16.301	2313	2317	2322	rVB3	19593	26283	1.37%	0.170%
58	16.401	2329	2334	2339	rVB3	20497	32684	1.71%	0.212%
59	16.460	2339	2344	2345	rBV3	11407	13790	0.72%	0.089%
60	16.483	2345	2348	2351	rBV2	10659	12641	0.66%	0.082%
61	16.525	2351	2355	2358	rVB3	18731	23122	1.21%	0.150%
62	16.601	2364	2368	2376	rVB2	28487	44705	2.34%	0.290%
63	16.683	2376	2382	2384	rBV	22404	38852	2.03%	0.252%
64	16.766	2391	2396	2406	rVB	107191	152475	7.97%	0.989%
65	16.948	2421	2427	2430	rVV2	381184	552366	28.87%	3.582%
66	16.995	2430	2435	2440	rVV	1317046	1913501	100.00%	12.410%
67	17.048	2440	2444	2446	rVV2	65697	93164	4.87%	0.604%
68	17.077	2446	2449	2455	rVB	138301	188583	9.86%	1.223%
69	17.142	2455	2460	2466	rBV2	29140	50523	2.64%	0.328%
70	17.224	2471	2474	2478	rVB6	9023	11105	0.58%	0.072%
71	17.353	2492	2496	2501	rBV	60815	87110	4.55%	0.565%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018162.D
Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

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-BG072315.M
Title : SVOA CALIBRATION

72	17.471	2512	2516	2522	rBV4	21667	31687	1.66%	0.206%
73	17.529	2522	2526	2529	rBV3	15101	22785	1.19%	0.148%
74	17.670	2546	2550	2558	rBV	15868	27608	1.44%	0.179%
75	17.823	2568	2576	2580	rBV	99657	155888	8.15%	1.011%
76	17.876	2580	2585	2592	rVV	132253	195764	10.23%	1.270%
77	17.952	2592	2598	2603	rVV2	41236	72901	3.81%	0.473%
78	18.023	2604	2610	2614	rVV2	166175	278763	14.57%	1.808%
79	18.058	2614	2616	2620	rVV2	47891	48434	2.53%	0.314%
80	18.135	2623	2629	2633	rBV8	13154	28272	1.48%	0.183%
81	18.334	2659	2663	2667	rBV	63928	79089	4.13%	0.513%
82	18.370	2667	2669	2674	rVB4	11831	14938	0.78%	0.097%
83	18.581	2702	2705	2709	rVB2	25292	31866	1.67%	0.207%
84	18.634	2711	2714	2717	rVV2	16343	20806	1.09%	0.135%
85	18.669	2718	2720	2724	rVB3	14433	18495	0.97%	0.120%
86	18.757	2731	2735	2740	rBV3	19690	31036	1.62%	0.201%
87	18.898	2755	2759	2767	rBV4	26080	53290	2.78%	0.346%
88	19.022	2774	2780	2786	rBV	777298	1057289	55.25%	6.857%
89	19.080	2786	2790	2795	rVV2	96917	126268	6.60%	0.819%
90	19.357	2832	2837	2839	rBV2	186306	286808	14.99%	1.860%
91	19.386	2839	2842	2851	rVB	477844	655039	34.23%	4.248%
92	19.885	2924	2927	2931	rVB	75488	90543	4.73%	0.587%
93	19.985	2941	2944	2948	rBV2	83156	93498	4.89%	0.606%
94	21.154	3137	3143	3147	rBV2	550225	833443	43.56%	5.405%
95	21.190	3147	3149	3156	rVB	136562	160165	8.37%	1.039%
96	21.742	3240	3243	3248	rVB	158591	186664	9.76%	1.211%
97	22.194	3317	3320	3326	rBV	166784	219621	11.48%	1.424%
98	22.694	3401	3405	3416	rVB	260368	441562	23.08%	2.864%
99	23.252	3497	3500	3508	rVB	218801	338563	17.69%	2.196%
100	23.352	3513	3517	3525	rVB	340323	617225	32.26%	4.003%

Sum of corrected areas: 15419275

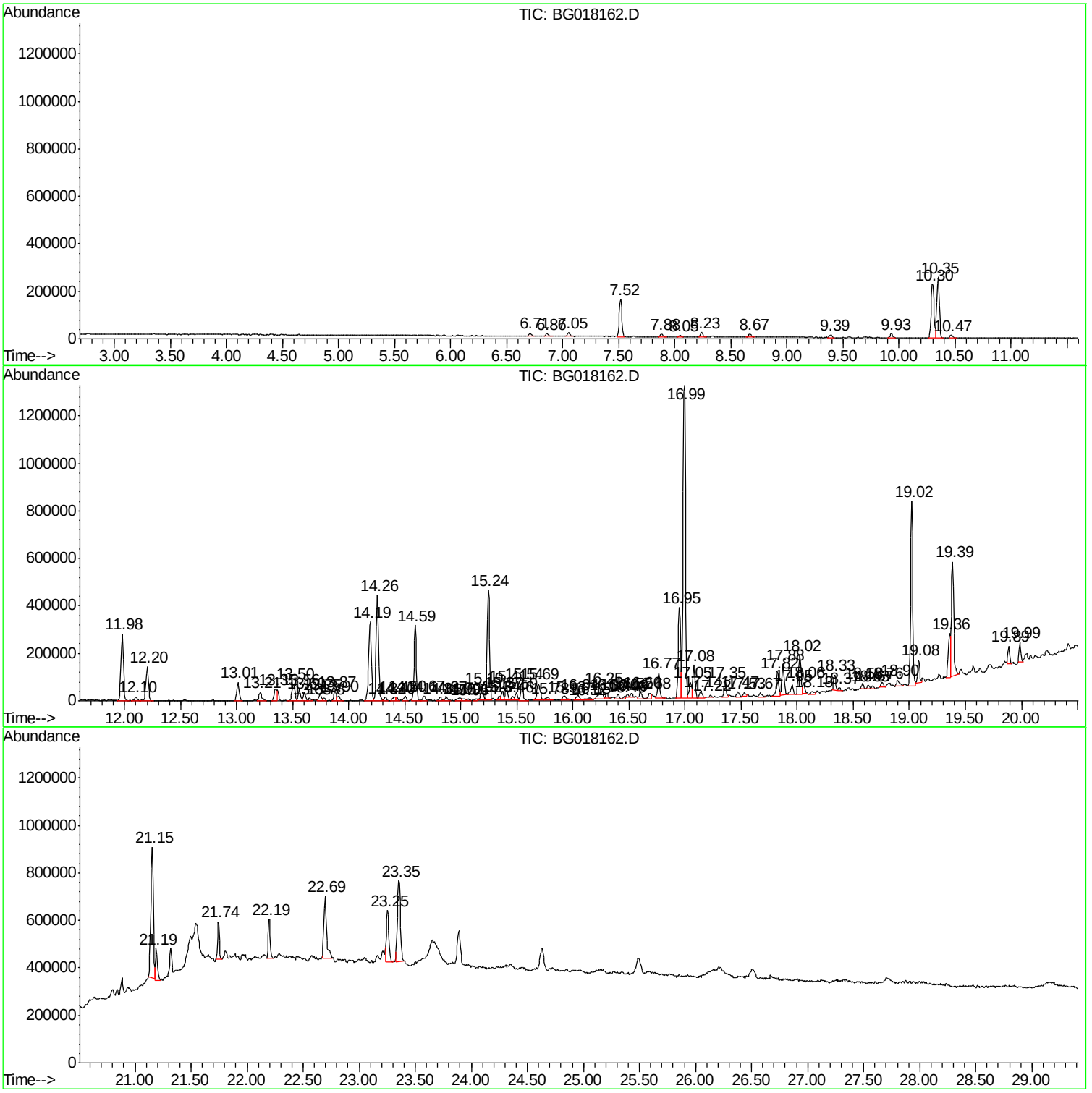
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018162.D
Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018162.D
Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

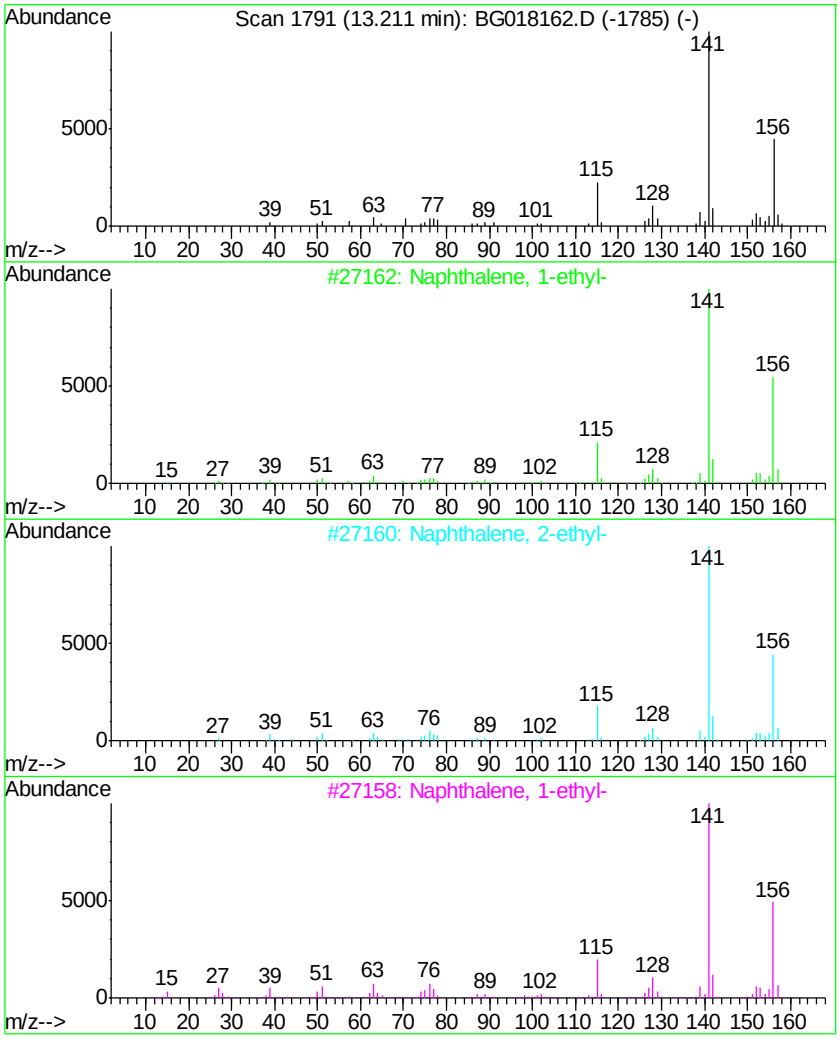
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

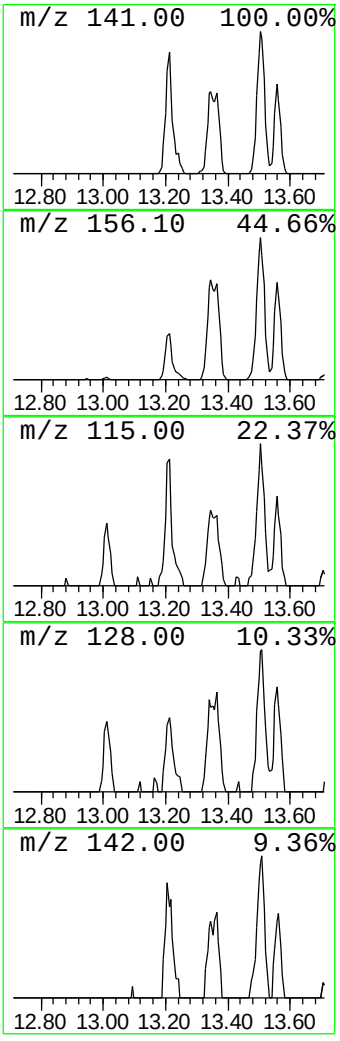
****

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.11 ng/ul	59643	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018162.D
Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

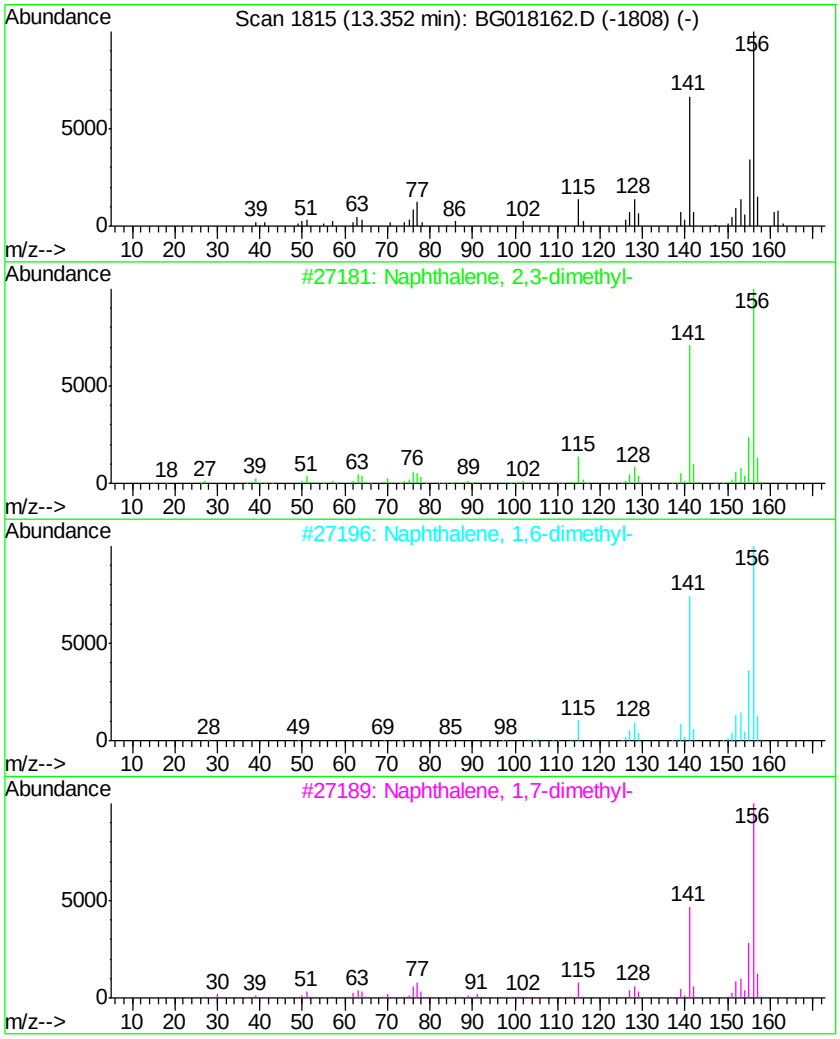
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

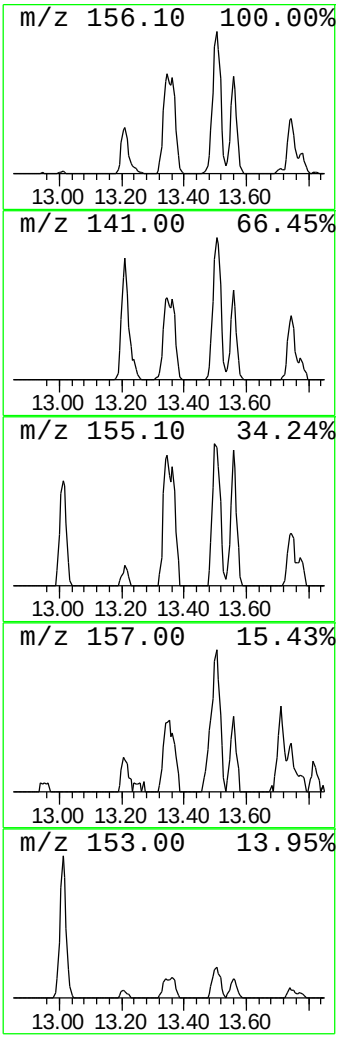
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.78 ng/ul	78692	Acenaphthene-d10	14.19

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





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018162.D
Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

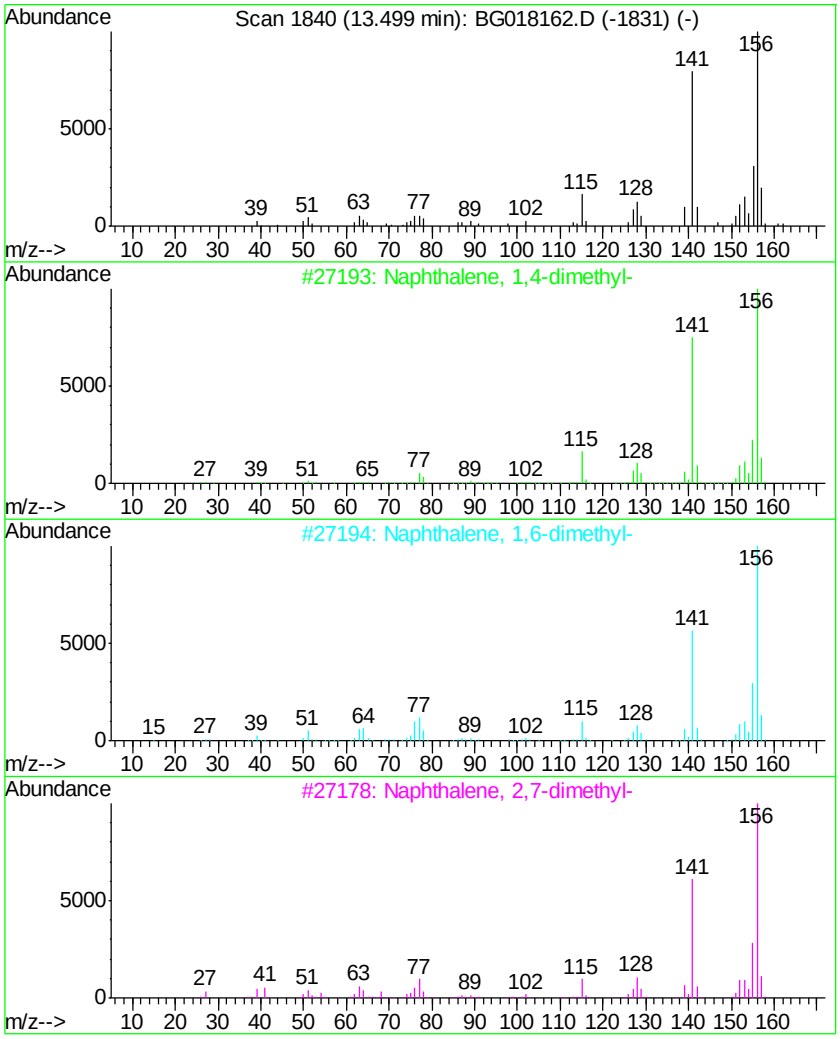
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

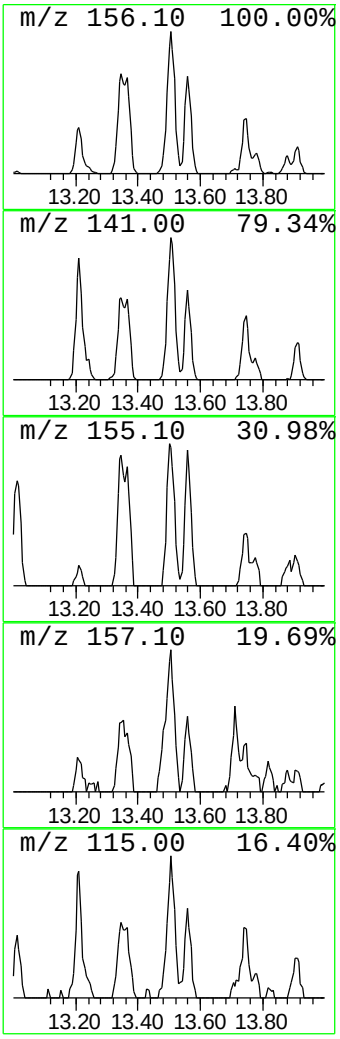
****

Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	4.44 ng/ul	125521	Acenaphthene-d10	14.19

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018162.D
Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

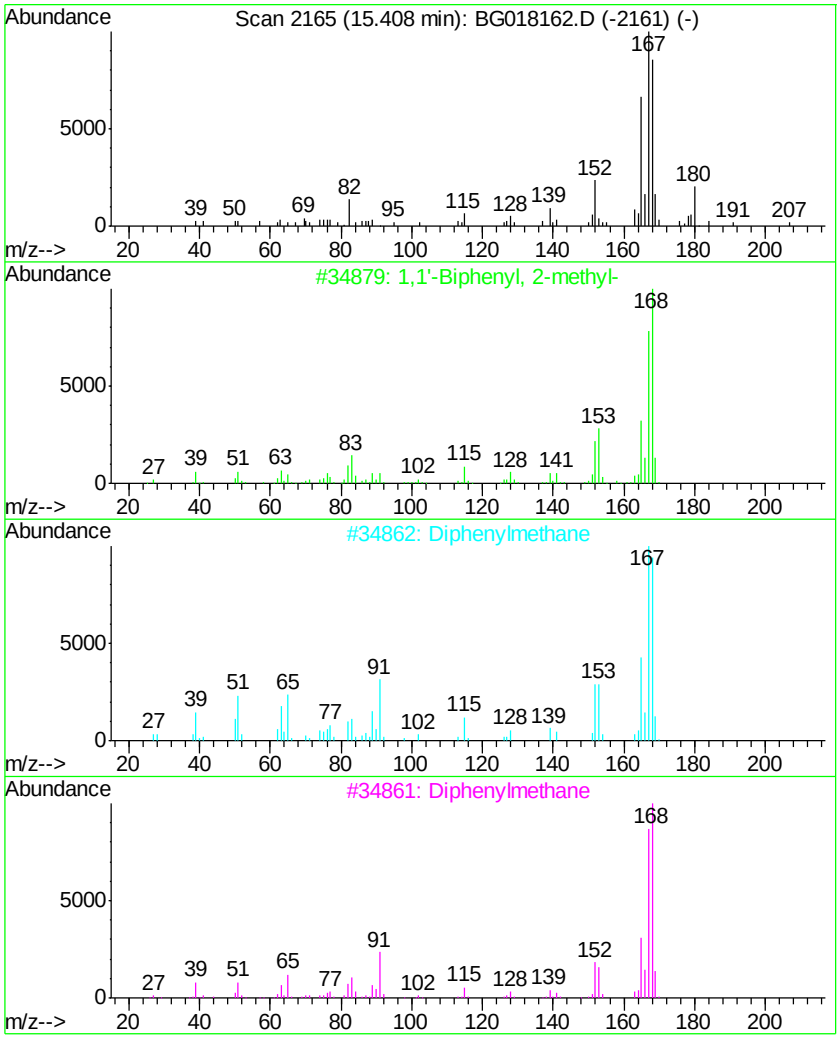
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

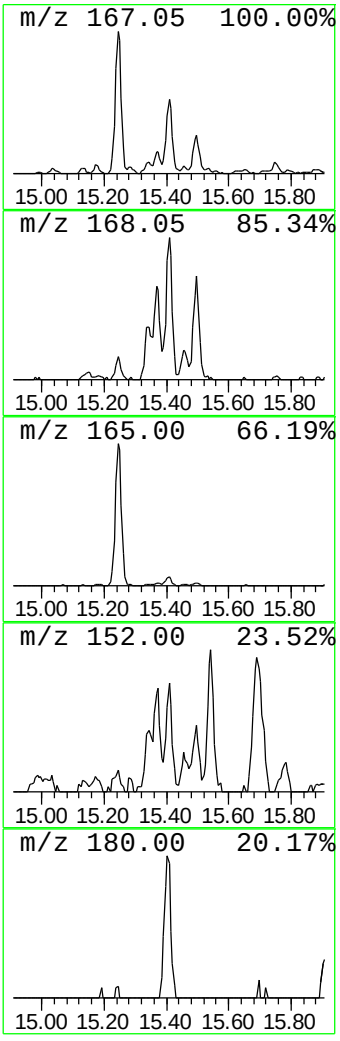
****

Peak Number 4 1,1'-Biphenyl, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	3.21 ng/ul	90639	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
2	Diphenylmethane	168	C13H12	000101-81-5	68
3	Diphenylmethane	168	C13H12	000101-81-5	62
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	60
5	Diphenylmethane	168	C13H12	000101-81-5	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018162.D
Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

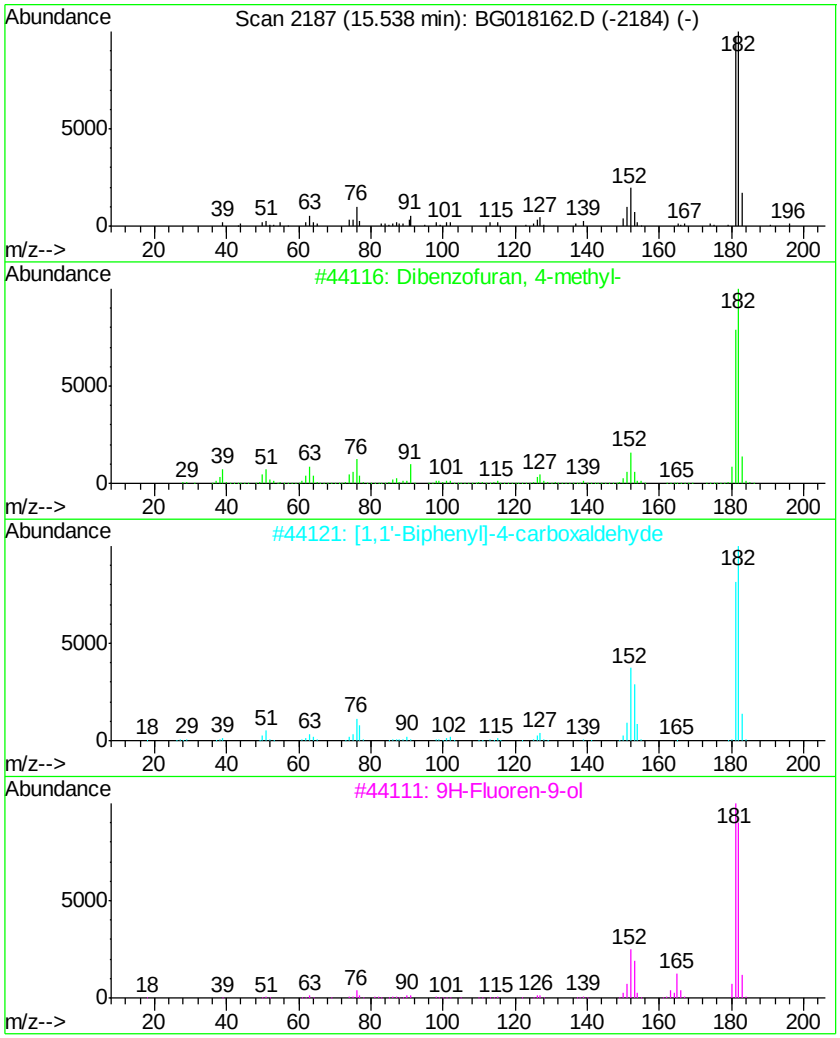
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

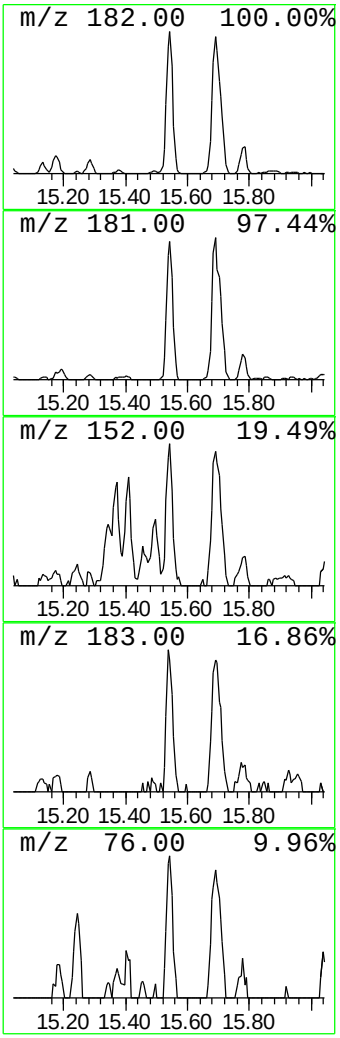
****

Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	3.62 ng/ul	102346	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





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Data File : BG018162.D
Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

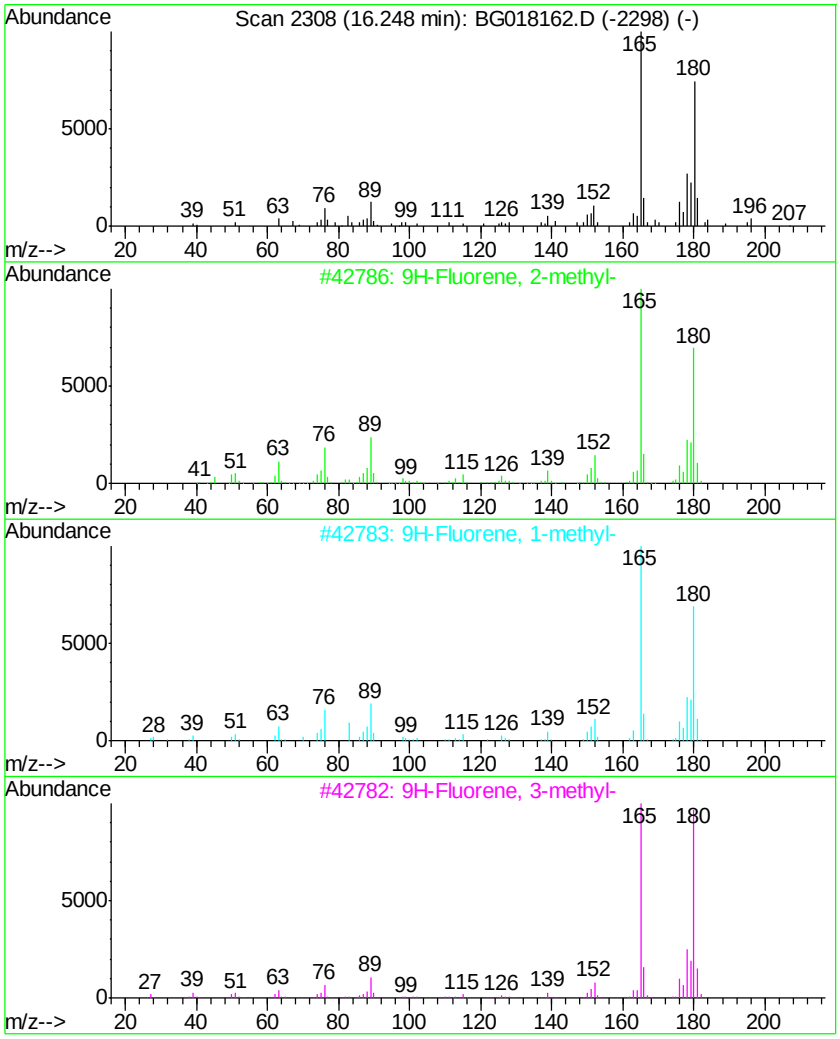
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

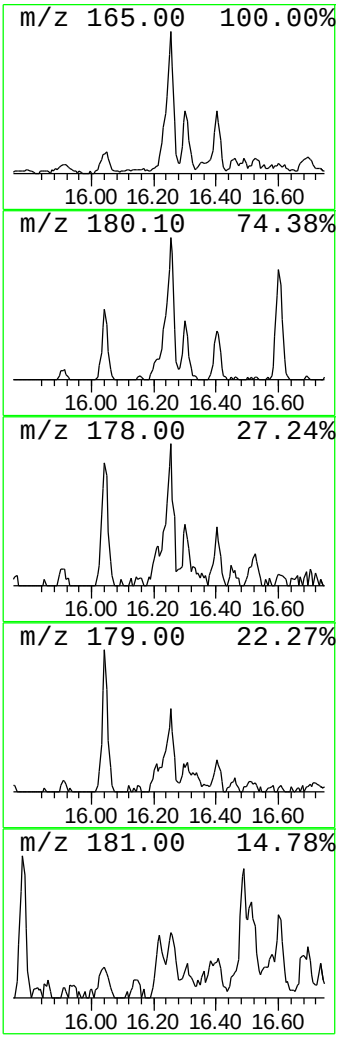
****

Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	4.03 ng/ul	111350	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	91





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Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

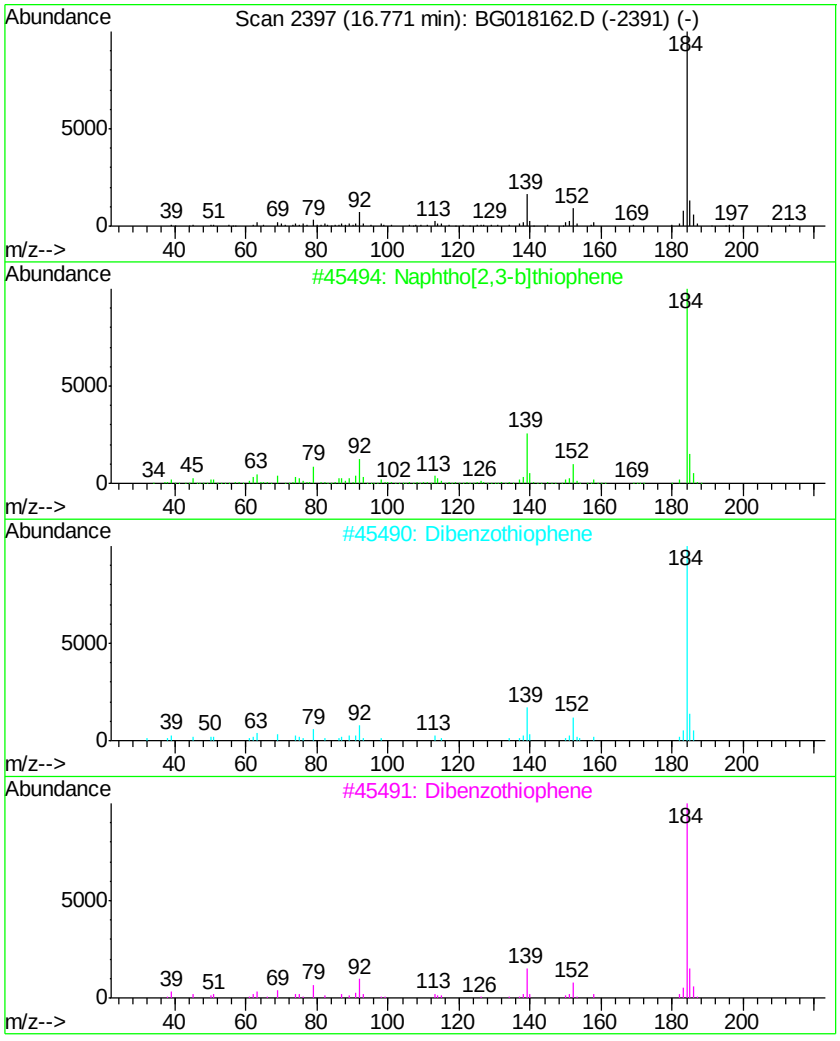
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

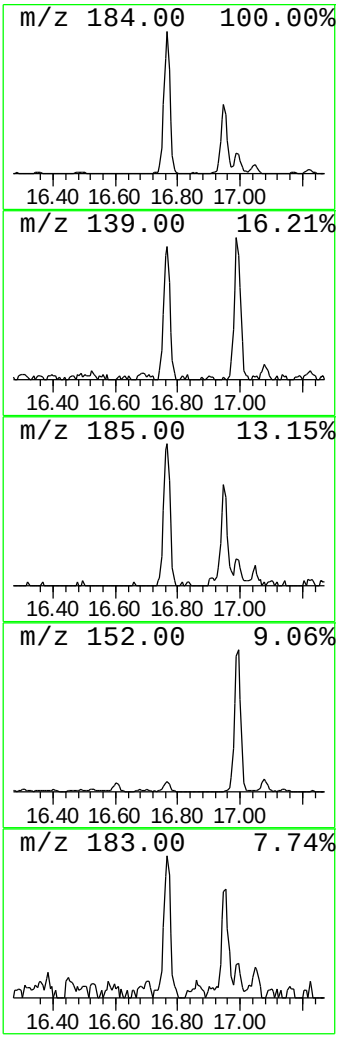
****

Peak Number 8 Naphtho[2,3-b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	5.52 ng/ul	152475	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





Library Search Compound Report

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Data File : BG018162.D
Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

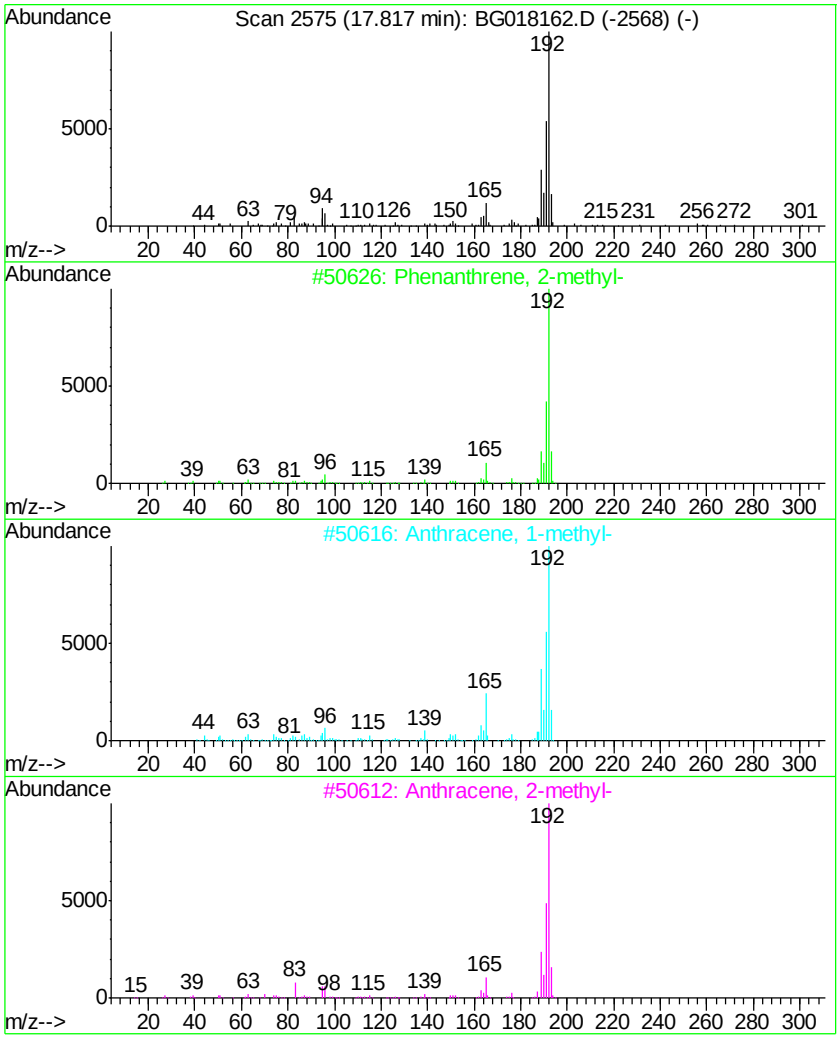
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

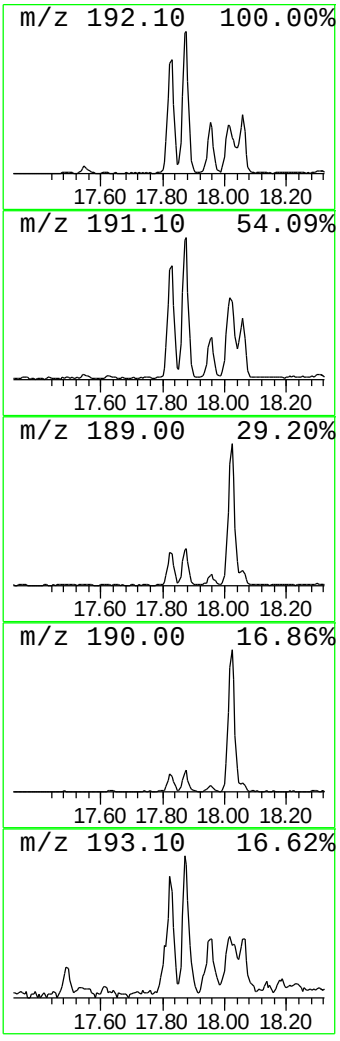
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	5.64 ng/ul	155888	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

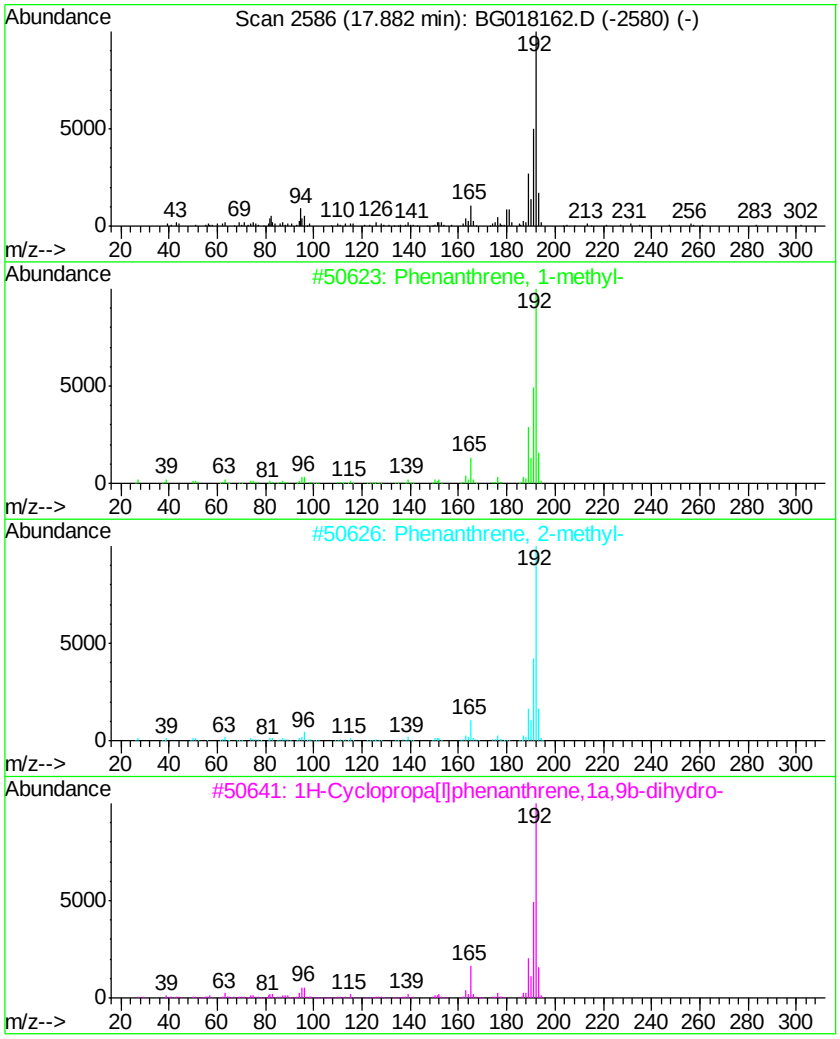
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

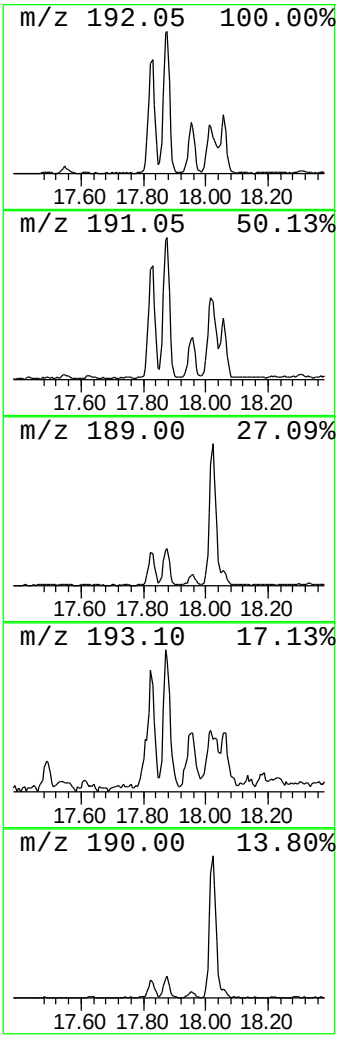
****

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	7.09 ng/ul	195764	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	94





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Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

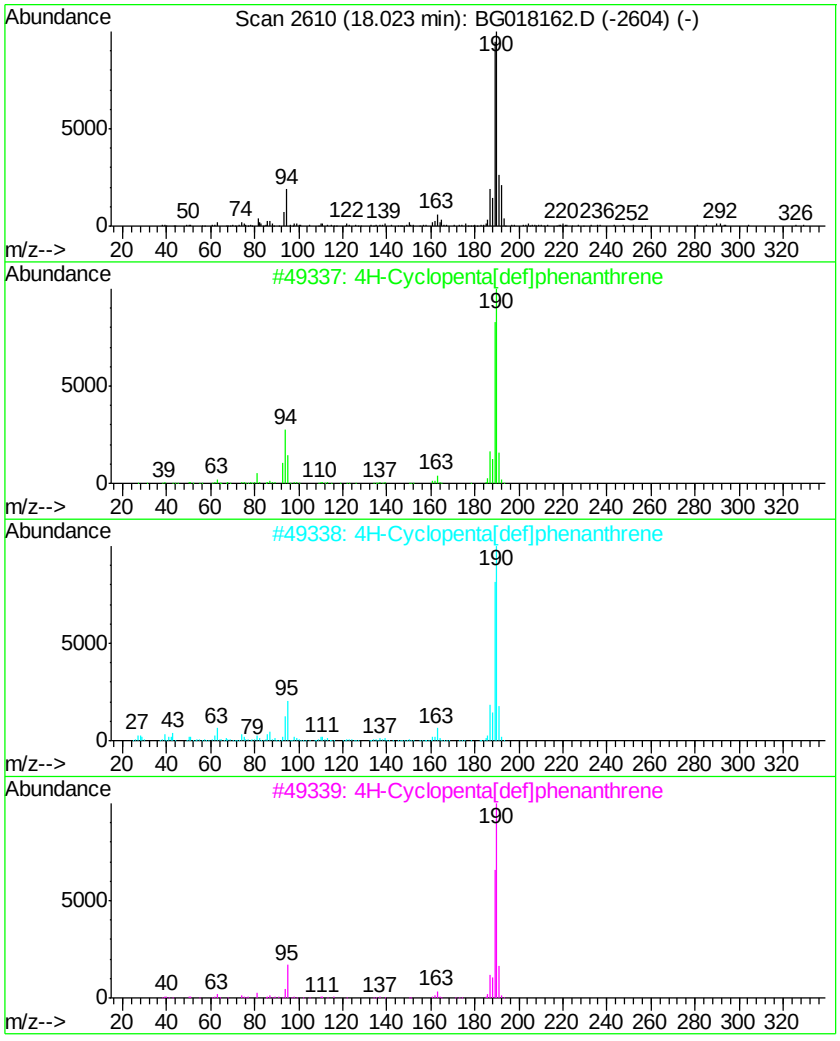
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

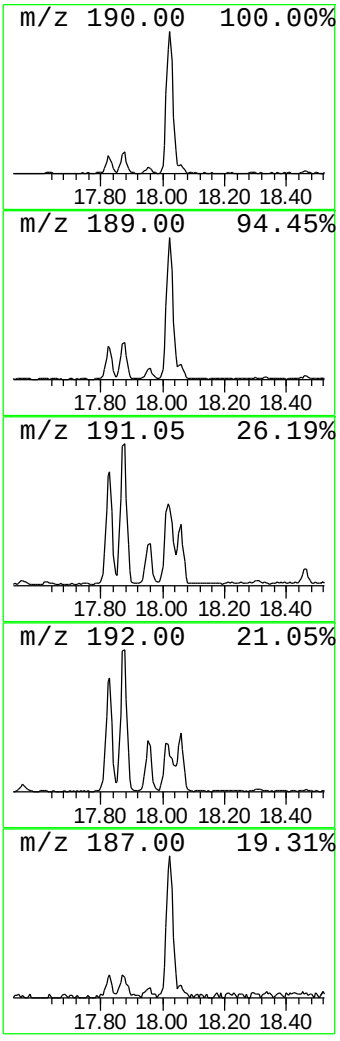
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	10.09 ng/ul	278763	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





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Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

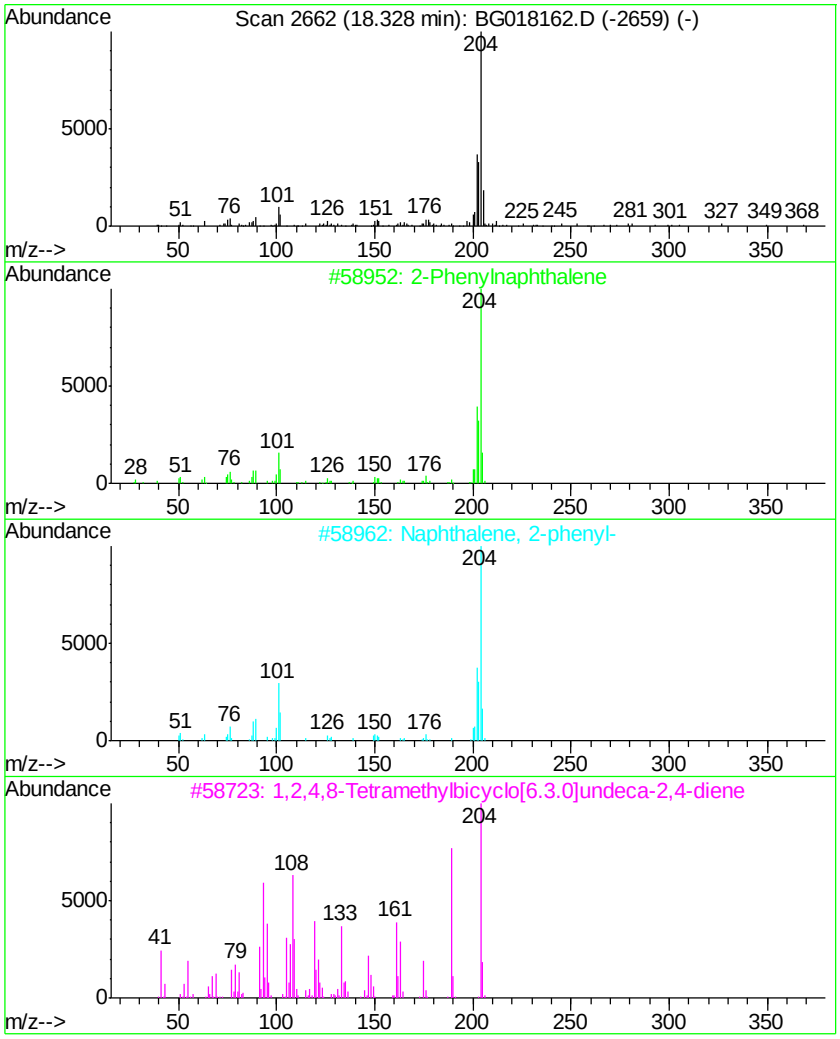
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

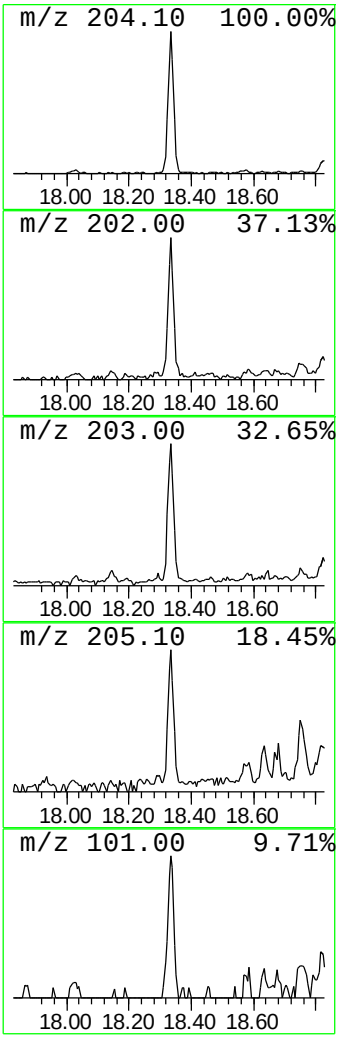
****

Peak Number 13 2-Phenylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.86 ng/ul	79089	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	94
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	78
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

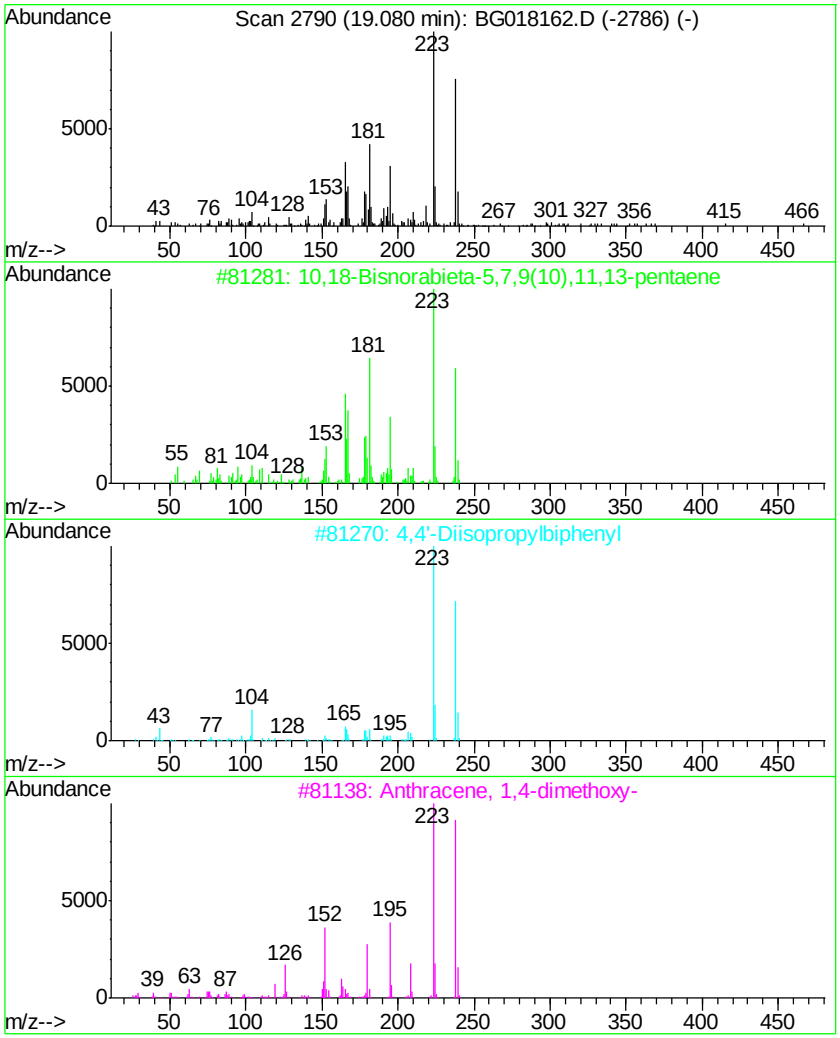
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

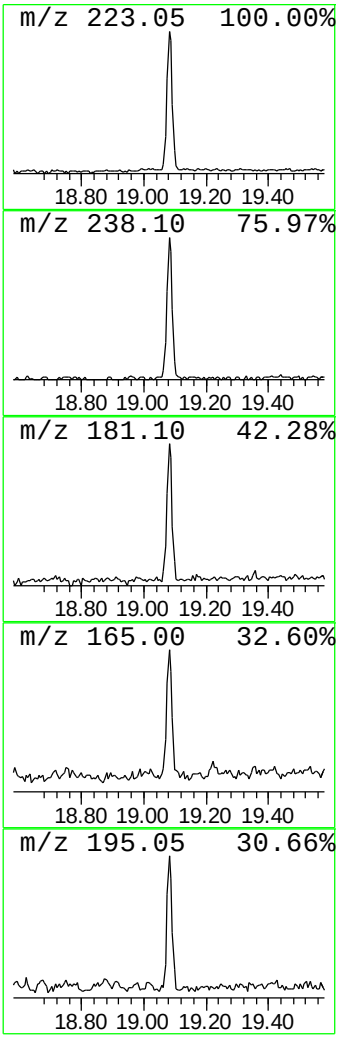
****

Peak Number 14 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	3.03 ng/ul	126268	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	70
3	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	70
4	4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	50
5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	50





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Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

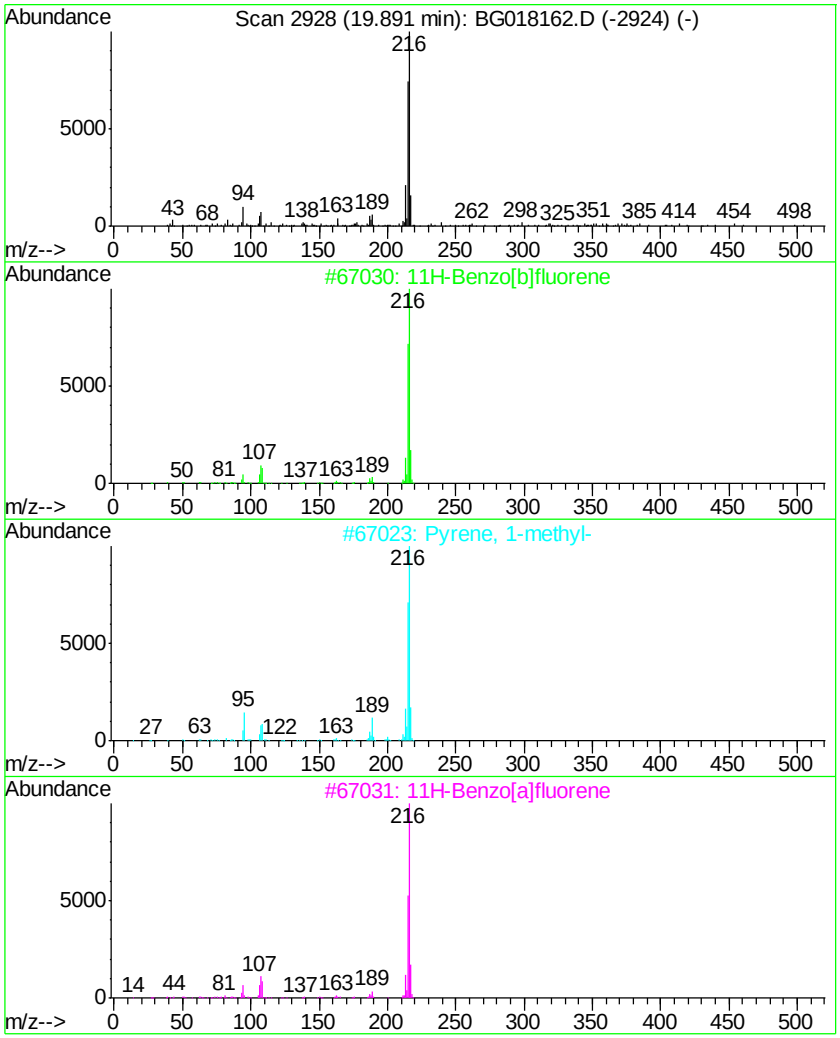
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

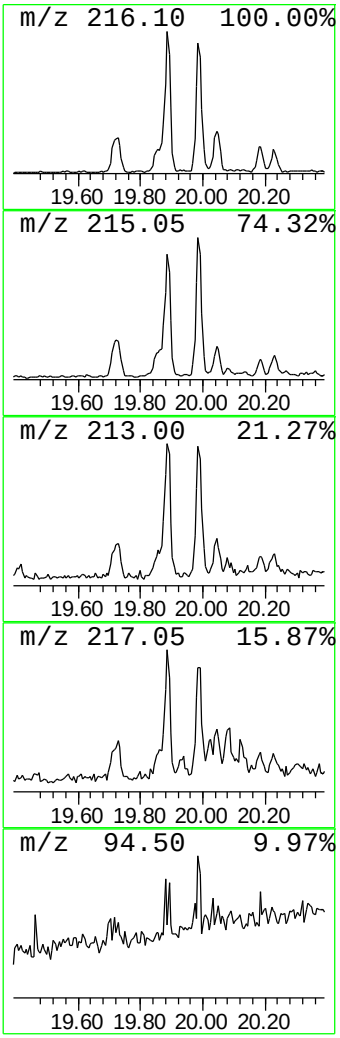
****

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.17 ng/ul	90543	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Data File : BG018162.D
Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

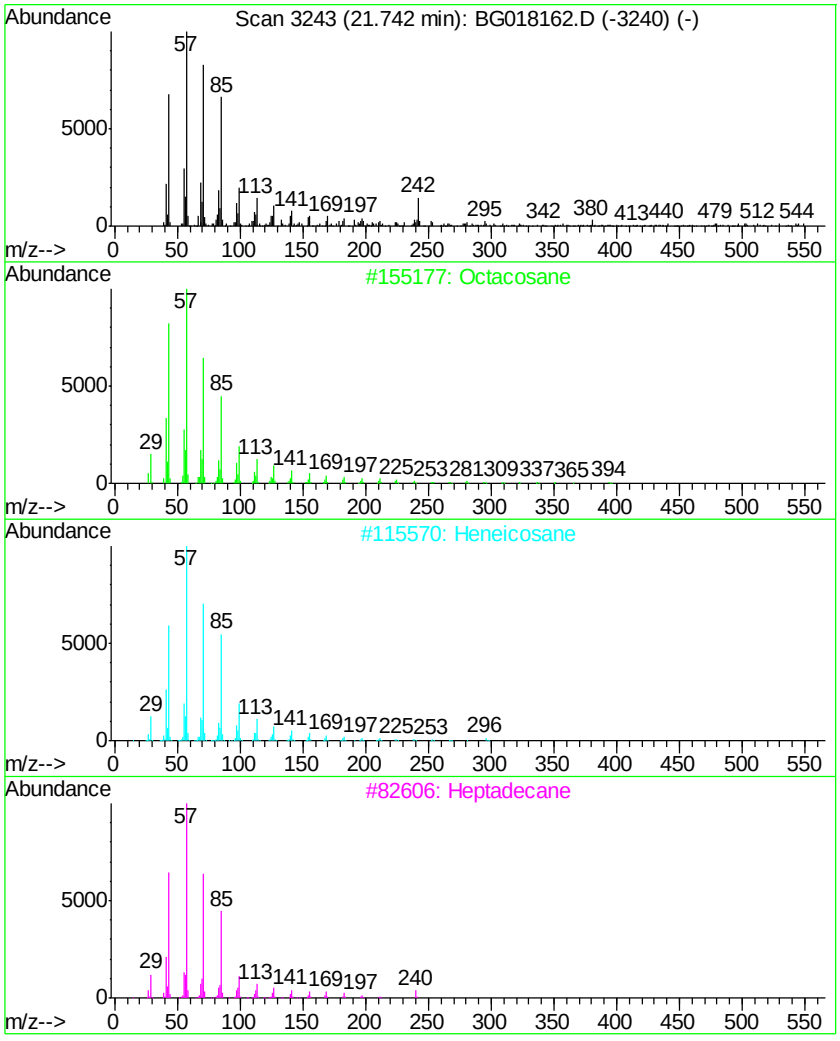
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

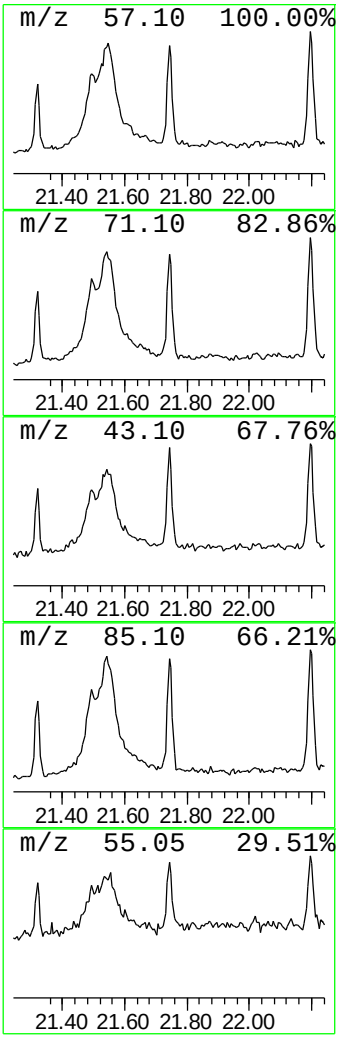
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	4.48 ng/ul	186664	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Heneicosane	296	C21H44	000629-94-7	96
3	Heptadecane	240	C17H36	000629-78-7	95
4	Heptadecane	240	C17H36	000629-78-7	95
5	Hentriacontane	437	C31H64	000630-04-6	95





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Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

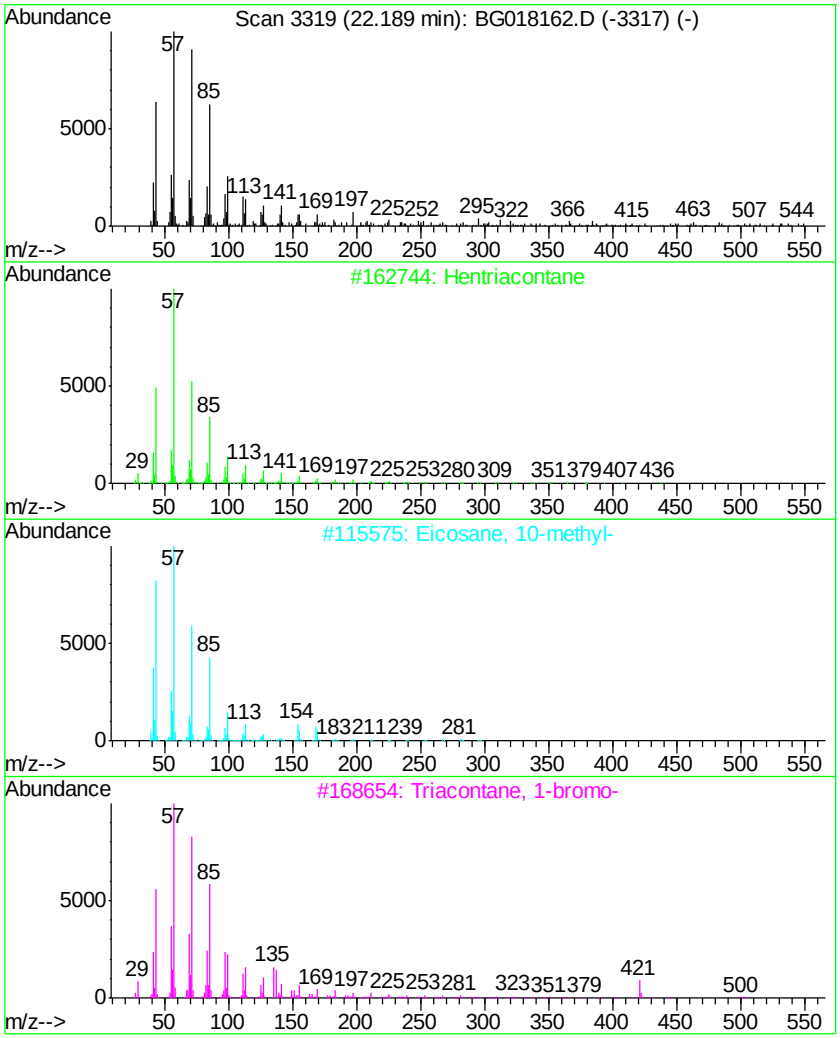
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

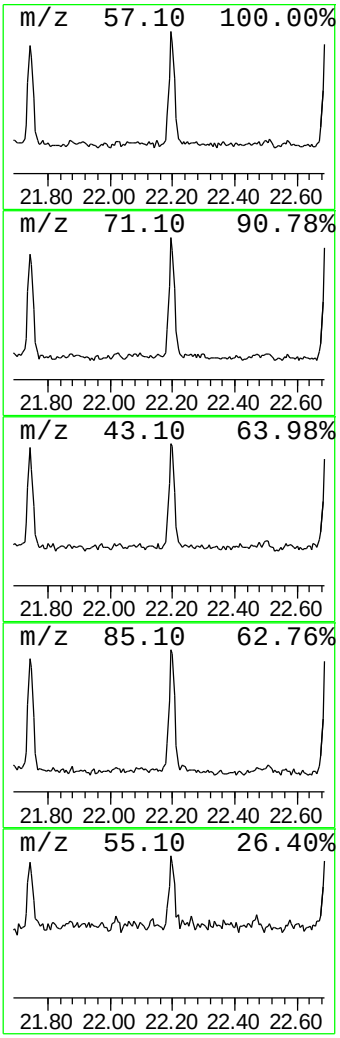
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	5.27 ng/ul	219621	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

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Data File : BG018162.D
Acq On : 29 Jul 2015 00:28
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1-et...	13.21	2.1	ng/ul	59643	3	14.19	565246	20.0
Naphthalene, 2,3-...	13.35	2.8	ng/ul	78692	3	14.19	565246	20.0
Naphthalene, 1,4-...	13.50	4.4	ng/ul	125521	3	14.19	565246	20.0
1,1'-Biphenyl, 2-...	15.41	3.2	ng/ul	90639	3	14.19	565246	20.0
Dibenzofuran, 4-m...	15.54	3.6	ng/ul	102346	3	14.19	565246	20.0
9H-Fluorene, 2-me...	16.25	4.0	ng/ul	111350	4	16.95	552366	20.0
Naphtho[2,3-b]thi...	16.77	5.5	ng/ul	152475	4	16.95	552366	20.0
Phenanthrene, 2-m...	17.82	5.6	ng/ul	155888	4	16.95	552366	20.0
Phenanthrene, 1-m...	17.88	7.1	ng/ul	195764	4	16.95	552366	20.0
4H-Cyclopenta[def...	18.02	10.1	ng/ul	278763	4	16.95	552366	20.0
2-Phenylnaphthalene	18.33	2.9	ng/ul	79089	4	16.95	552366	20.0
10,18-Bisnorabiet...	19.08	3.0	ng/ul	126268	5	21.15	833443	20.0
11H-Benzo[b]fluorene	19.89	2.2	ng/ul	90543	5	21.15	833443	20.0
(DEL) Alkane: Str...	21.74	4.5	ng/ul	186664	5	21.15	833443	20.0
(DEL) Alkane: Str...	22.19	5.3	ng/ul	219621	5	21.15	833443	20.0