LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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	6.698	672	682	696	rVB2	71859	145630	1.55%	0.177%
2	7.515	815	821	830	rVB	205720	316095	3.36%	0.384%
3	8.226	937	942	949	rVB	95236	151355	1.61%	0.184%
4	9.924	1224	1231	1238	rVB	104800	170367	1.81%	0.207%
5	10.294	1287	1294	1298	rBV	313411	550673	5.85%	0.669%
6	10.347	1298	1303	1312	rVB	1223033	2005077	21.28%	2.437%
7	11.974	1566	1580	1587	rBV	1402341	2233833	23.71%	2.715%
8	12.092	1594	1600	1607	rVV	95337	157550	1.67%	0.191%
9	12.197	1607	1618	1625	rVB	729103	1169799	12.42%	1.422%
10	13.008	1749	1756	1762	rBV	381840	581084	6.17%	0.706%
11	13.202	1783	1789	1798	rVB	187493	329864	3.50%	0.401%
12	13.337	1804	1812	1814	rBV	253035	421813	4.48%	0.513%
13	13.496	1830	1839	1844	rBV	379976	703752	7.47%	0.855%
14	13.549	1844	1848	1853	rVV	243623	377392	4.01%	0.459%
15	13.596	1853	1856	1861	rVV	186751	266230	2.83%	0.324%
16	13.737	1872	1880	1883	rVV2	161581	281539	2.99%	0.342%
17	13.866	1897	1902	1906	rVV	214718	352557	3.74%	0.429%
18	13.901	1906	1908	1916	rVB	120523	149130	1.58%	0.181%
19	14.183	1945	1956	1961	rVV4	521590	1047686	11.12%	1.273%
20	14.248	1961	1967	1975	rVV	2324565	3558184	37.77%	4.325%
21	14.401	1985	1993	2001	rBV3	139969	288064	3.06%	0.350%
22	14.495	2001	2009	2014	rVV2	107707	187843	1.99%	0.228%
23	14.583	2014	2024	2031	rVV	1549983	2361046	25.06%	2.870%
24	14.665	2032	2038	2044	rVV	107578	158239	1.68%	0.192%
25	14.806	2054	2062	2067	rBV3	79336	153548	1.63%	0.187%
26	14.859	2067	2071	2083	rVB2	96208	153376	1.63%	0.186%
27	14.976	2083	2091	2094	rBV2	71678	140928	1.50%	0.171%
28	15.182	2120	2126	2130	rVV2	306197	505430	5.37%	0.614%
29	15.241	2130	2136	2141	rVV	2366616	3402680	36.12%	4.136%
30	15.329	2145	2151	2154	rVV3	133685	257861	2.74%	0.313%
31	15.364	2154	2157	2159	rVV	199821	262185	2.78%	0.319%
32	15.400	2159	2163	2168	rVV2	349886	506372	5.38%	0.615%
33	15.488	2174	2178	2181	rVV	178633	262337	2.78%	0.319%
34	15.535	2181	2186	2195	rVB	398636	583438	6.19%	0.709%

LSC Area Percent Report

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Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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	15.682	2202	2211	2218	rVV	384388	779821	8.28%	0.948%
36	15.770	2218	2226	2231	rVB3	76897	170516	1.81%	0.207%
37	15.911	2241	2250	2260	rVB5	91890	255420	2.71%	0.310%
38	16.034	2265	2271	2278	rBV3	135315	223586	2.37%	0.272%
39	16.246	2295	2307	2312	rVV3	272790	671901	7.13%	0.817%
40	16.293	2312	2315	2321	rVV3	129288	208575	2.21%	0.254%
41	16.392	2326	2332	2337	rVB3	114297	215992	2.29%	0.263%
42	16.475	2343	2346	2349	rVV	112935	166518	1.77%	0.202%
43	16.516	2349	2353	2356	rVV3	137840	225570	2.39%	0.274%
44	16.592	2362	2366	2373	rVV2	159157	252386	2.68%	0.307%
45	16.674	2374	2380	2385	rVV3	127275	297932	3.16%	0.362%
46	16.757	2389	2394	2403	rVB	580708	878286	9.32%	1.068%
47	16.939	2419	2425	2428	rVV	535845	893900	9.49%	1.086%
48	16.992	2428	2434	2439	rVV	5553778	9420695	100.00%	11.450%
49	17.039	2439	2442	2444	rVV2	371893	484366	5.14%	0.589%
50	17.074	2444	2448	2453	rVV	814224	1093484	11.61%	1.329%
51	17.127	2453	2457	2464	rVV2	158679	263420	2.80%	0.320%
52	17.344	2489	2494	2498	rBV	364401	469201	4.98%	0.570%
53	17.462	2510	2514	2519	rBV3	126471	175161	1.86%	0.213%
54	17.814	2564	2574	2578	rBV	578942	868020	9.21%	1.055%
55	17.861	2578	2582	2589	rVV	757971	1060639	11.26%	1.289%
56	17.944	2589	2596	2601	rVV2	231253	402326	4.27%	0.489%
57	18.014	2601	2608	2612	rVV2	932824	1614711	17.14%	1.963%
58	18.043	2612	2613	2621	rVB	263031	285160	3.03%	0.347%
59	18.326	2656	2661	2664	rVV	378960	520046	5.52%	0.632%
60	18.572	2695	2703	2707	rBV2	130236	196141	2.08%	0.238%
61	18.743	2727	2732	2738	rVV2	133518	255285	2.71%	0.310%
62	18.807	2738	2743	2746	rVV3	107854	199951	2.12%	0.243%
63	18.884	2752	2756	2764	rVV3	123380	213268	2.26%	0.259%
64	19.013	2772	2778	2784	rBV	3746196	5436205	57.70%	6.607%
65	19.072	2784	2788	2792	rVV2	553761	726622	7.71%	0.883%
66	19.254	2814	2819	2823	rVB	109502	156860	1.67%	0.191%
67	19.348	2829	2835	2836	rBV2	1008978	1286465	13.66%	1.564%
68	19.377	2836	2840	2848	rVV	2561226	3843830	40.80%	4.672%
69	19.448	2848	2852	2859	rVB2	123319	199756	2.12%	0.243%
70	19.553	2866	2870	2876	rVB	177188	230648	2.45%	0.280%
71	19.706	2889	2896	2902	rBV3	148832	383072	4.07%	0.466%

LSC Area Percent Report

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Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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	19.830	2913	2917	2920	rVV3	114138	186522	1.98%	0.227%
73	19.871	2920	2924	2929	rVB	458161	640342	6.80%	0.778%
74	19.977	2937	2942	2945	rBV	471803	629631	6.68%	0.765%
75	20.029	2945	2951	2955	rVV2	188903	357637	3.80%	0.435%
76	20.212	2978	2982	2987	rVV4	114393	174135	1.85%	0.212%
77	20.411	3011	3016	3019	rBV2	145942	194448	2.06%	0.236%
78	20.623	3048	3052	3058	rVB	105389	169396	1.80%	0.206%
79	20.787	3075	3080	3083	rVV	173749	254783	2.70%	0.310%
80	20.828	3083	3087	3090	rVV	167111	252842	2.68%	0.307%
81	20.875	3090	3095	3098	rVV2	430836	608259	6.46%	0.739%
82	21.134	3133	3139	3144	rVV2	1156402	2462878	26.14%	2.993%
83	21.175	3144	3146	3156	rVB	739659	929386	9.87%	1.130%
84	21.310	3163	3169	3173	rBV2	744861	904177	9.60%	1.099%
85	21.451	3188	3193	3199	rBV4	101836	183844	1.95%	0.223%
86	21.680	3229	3232	3236	rVB2	131121	165148	1.75%	0.201%
87	21.733	3236	3241	3246	rVB	1042813	1236020	13.12%	1.502%
88	21.798	3247	3252	3255	rBV3	184464	266095	2.82%	0.323%
89	21.945	3274	3277	3280	rBV3	100276	157484	1.67%	0.191%
90	22.186	3314	3318	3324	rVB	1211921	1519680	16.13%	1.847%
91	22.685	3395	3403	3413	rVB2	1532697	2860522	30.36%	3.477%
92	23.138	3475	3480	3484	rBV	146081	250354	2.66%	0.304%
93	23.185	3484	3488	3491	rVV	185521	281821	2.99%	0.343%
94	23.237	3491	3497	3504	rVB2	1235154	2117543	22.48%	2.574%
95	23.326	3506	3512	3518	rVB2	466785	858061	9.11%	1.043%
96	23.872	3598	3605	3613	rVB	903640	1749782	18.57%	2.127%
97	24.606	3722	3730	3742	rVB	588524	1338208	14.20%	1.627%
98	25.464	3868	3876	3883	rBV2	402225	1055488	11.20%	1.283%
99	26.475	4040	4048	4060	rVB4	219705	688608	7.31%	0.837%
100	27.673	4243	4252	4270	rVB4	144462	562466	5.97%	0.684%

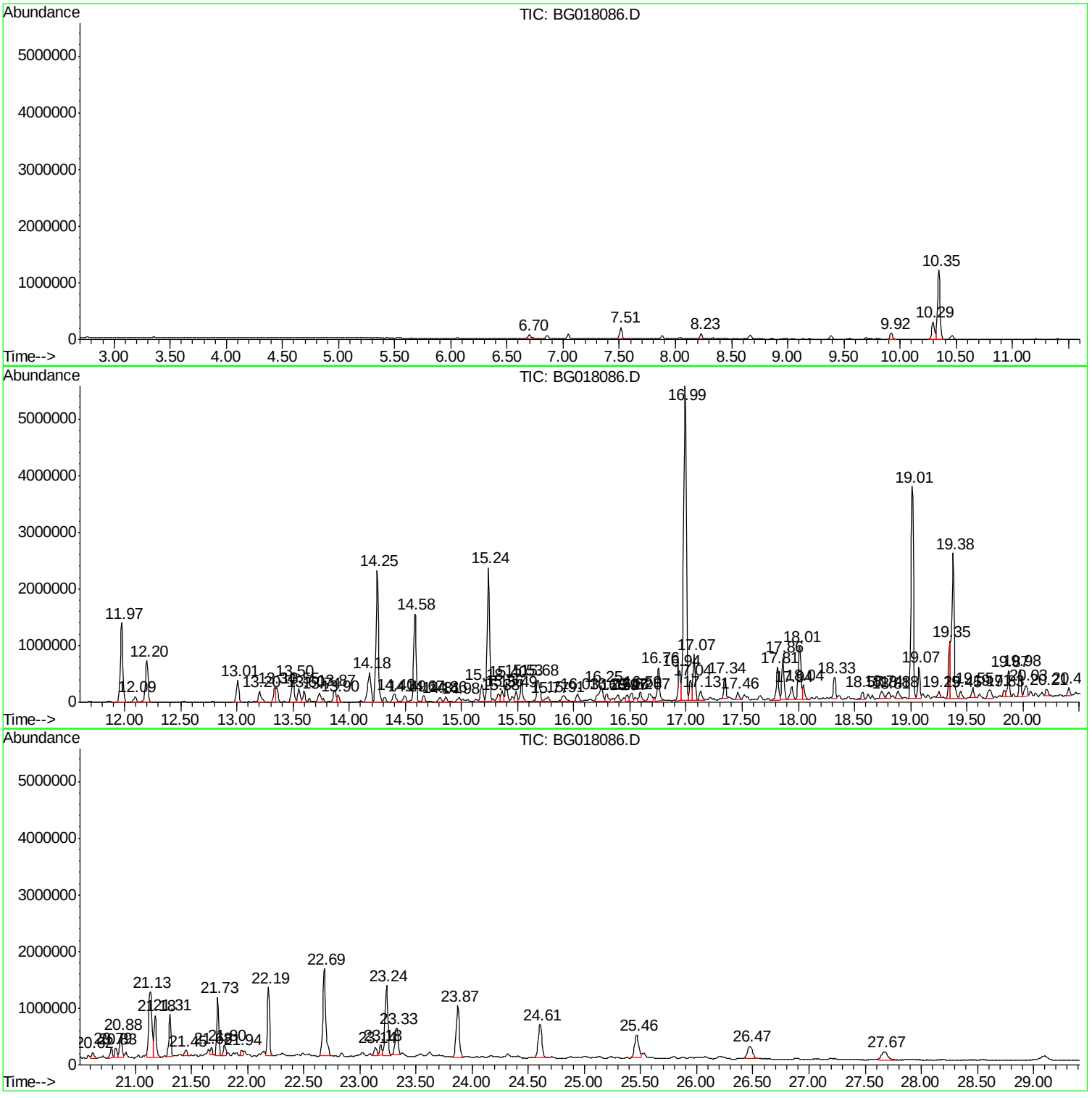
Sum of corrected areas: 82274252

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02D9

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

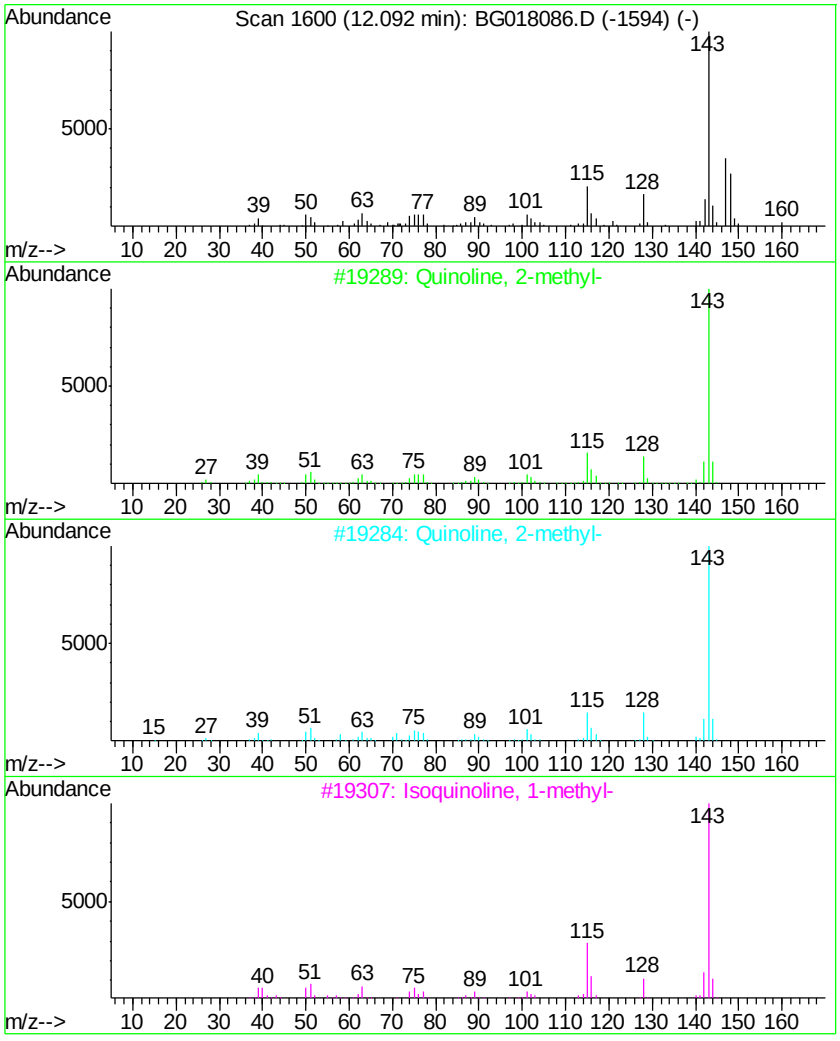
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

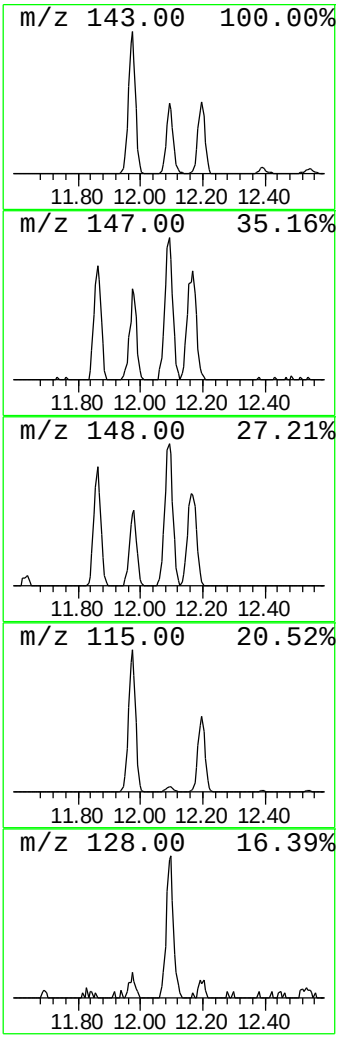
****

Peak Number 1 Quinoline, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	5.72 ng/ul	157550	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	95
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	95
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	92
4	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	70
5	Quinoline, 3-methyl-	143	C10H9N	000612-58-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

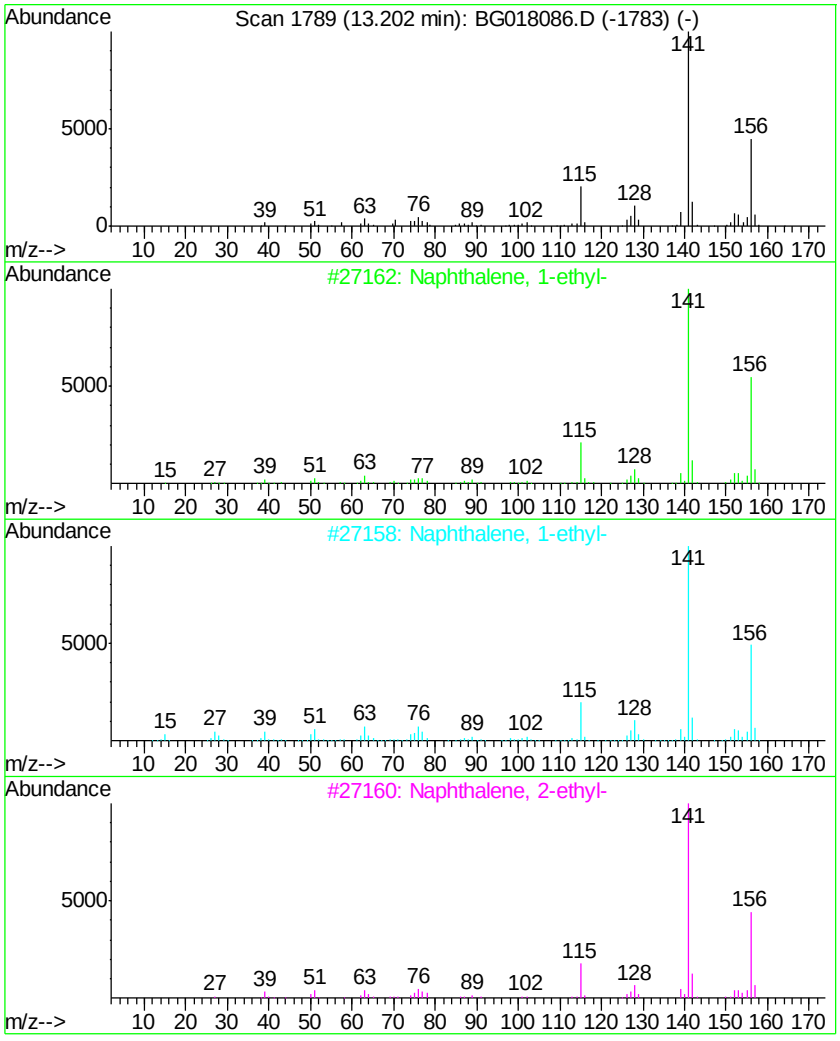
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

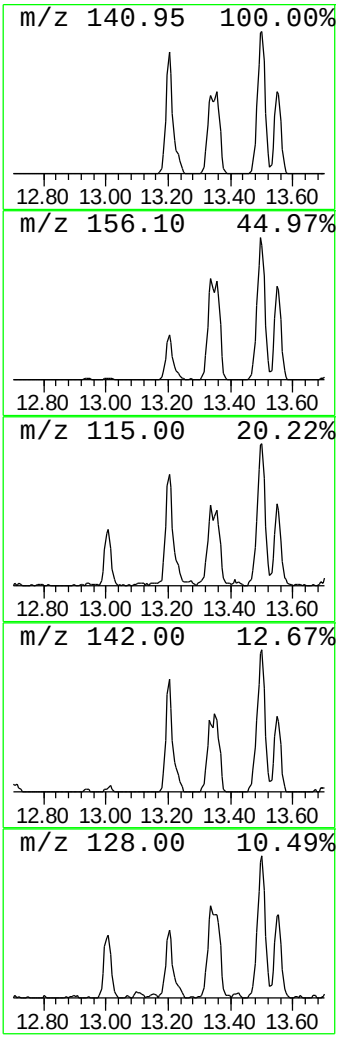
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	6.30 ng/ul	329864	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

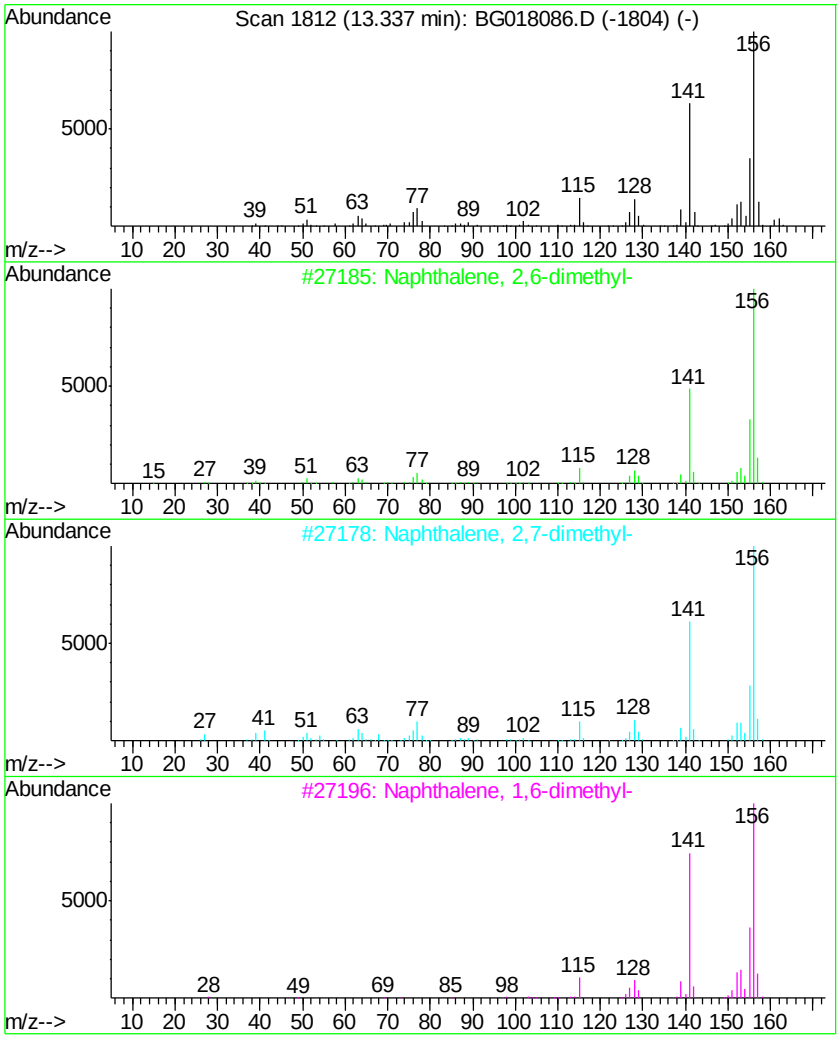
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

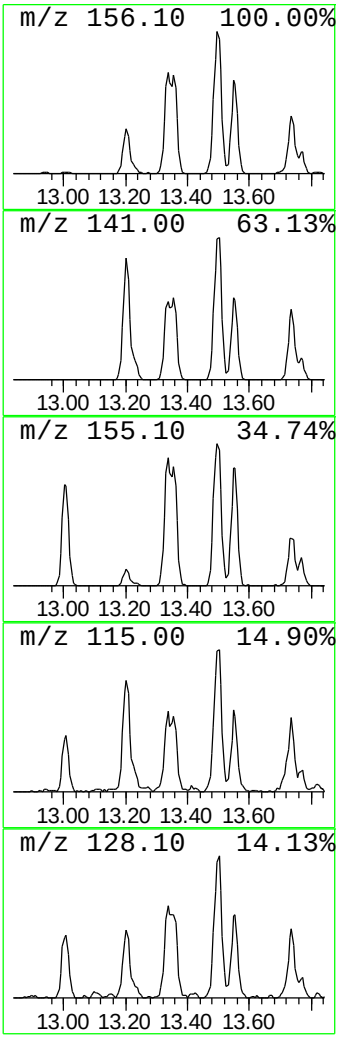
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	8.05 ng/ul	421813	Acenaphthene-d10	14.18

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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

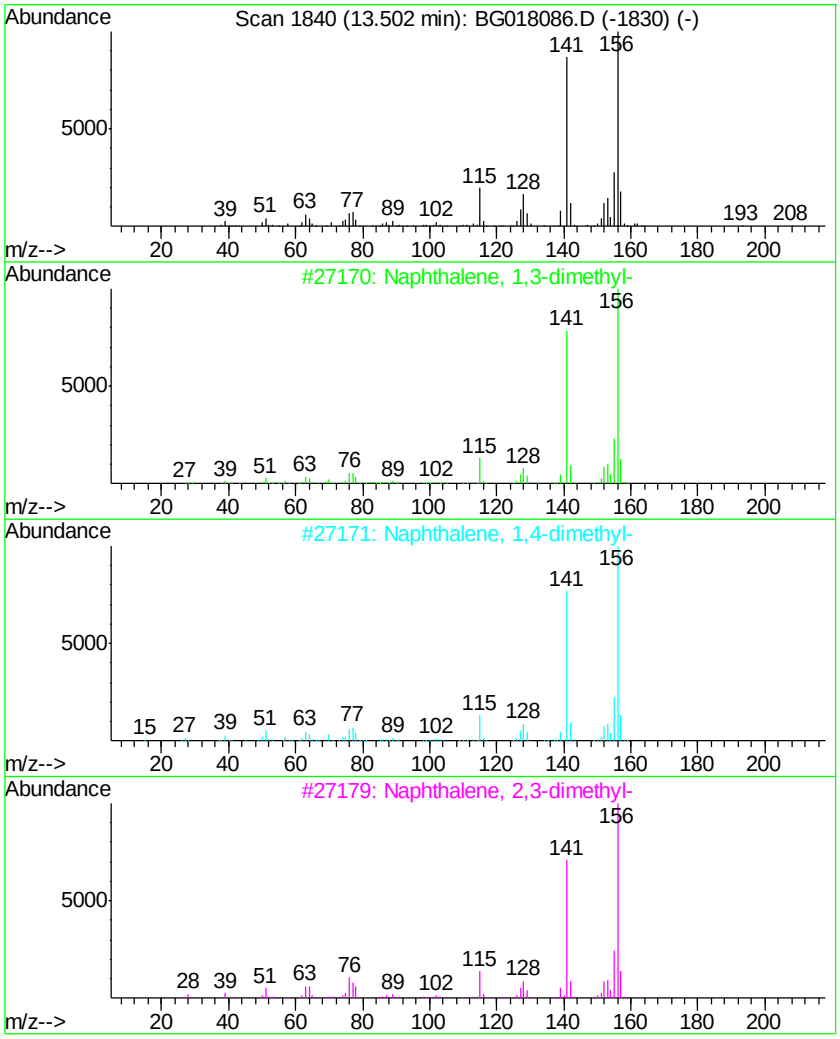
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

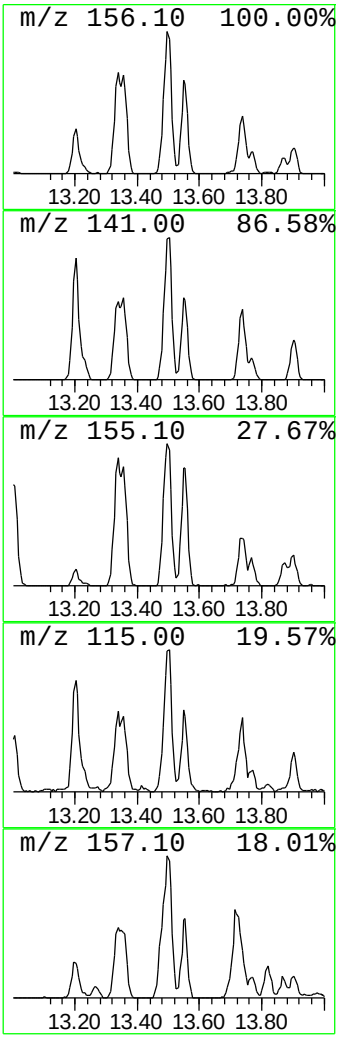
****

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	13.43 ng/ul	703752	Acenaphthene-d10	14.18

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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

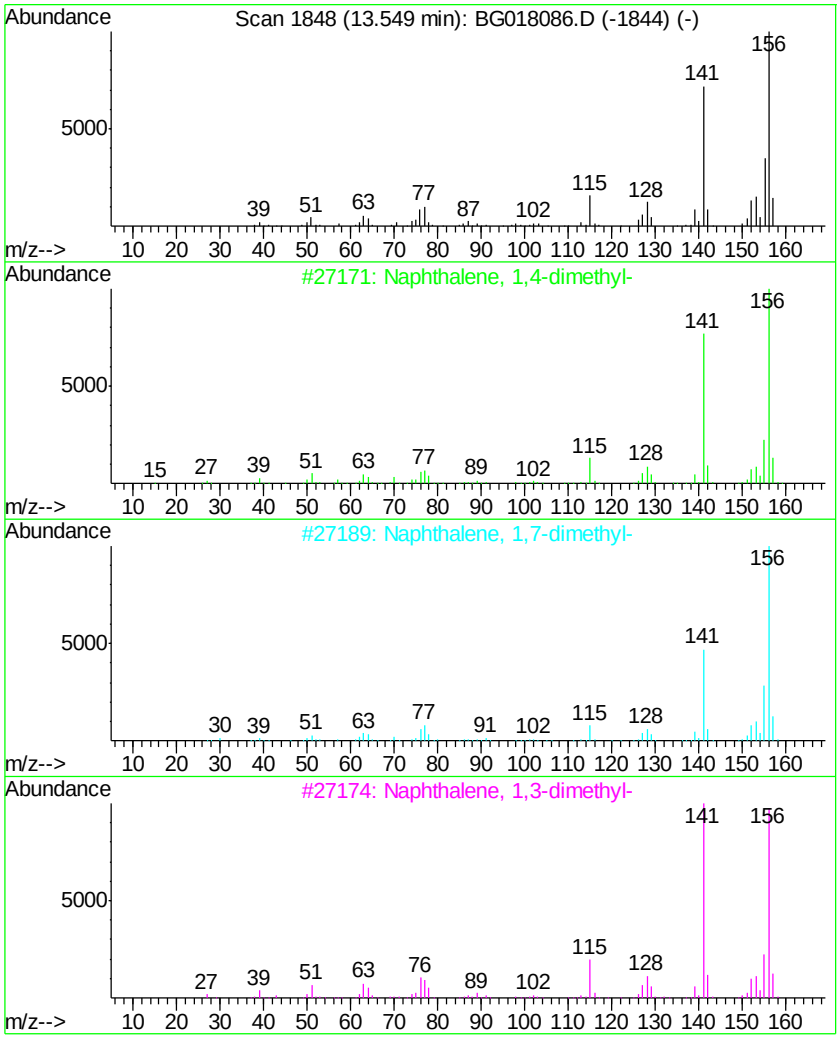
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

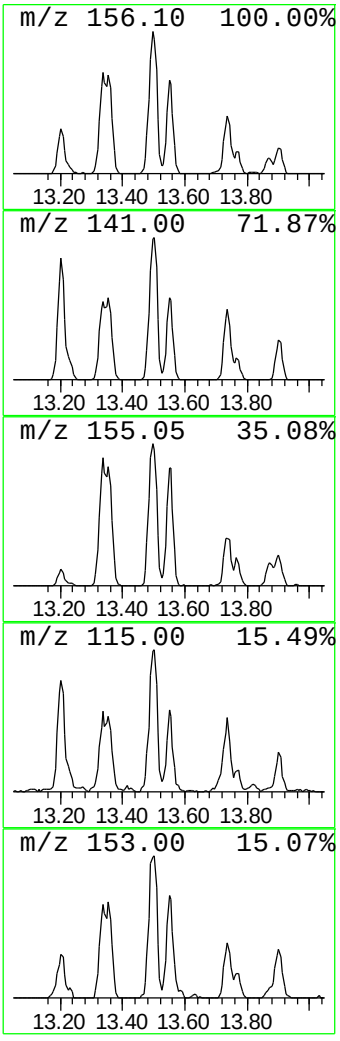
****

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	7.20 ng/ul	377392	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

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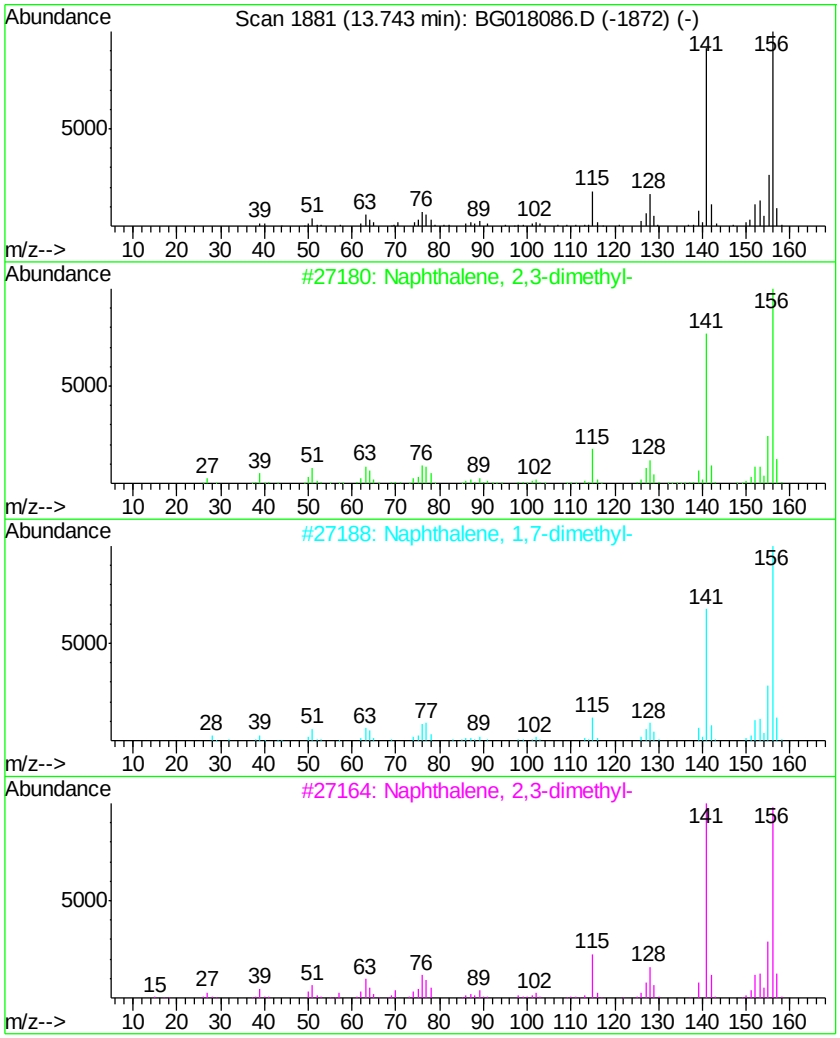
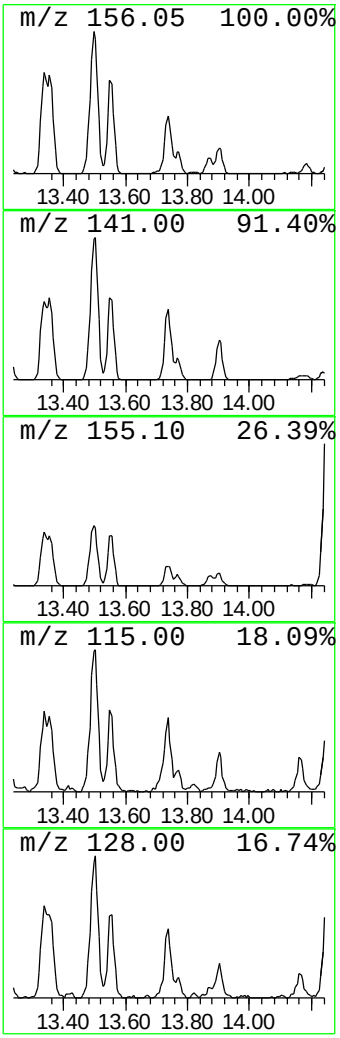
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	5.37 ng/ul	281539	Acenaphthene-d10	14.18

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





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Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

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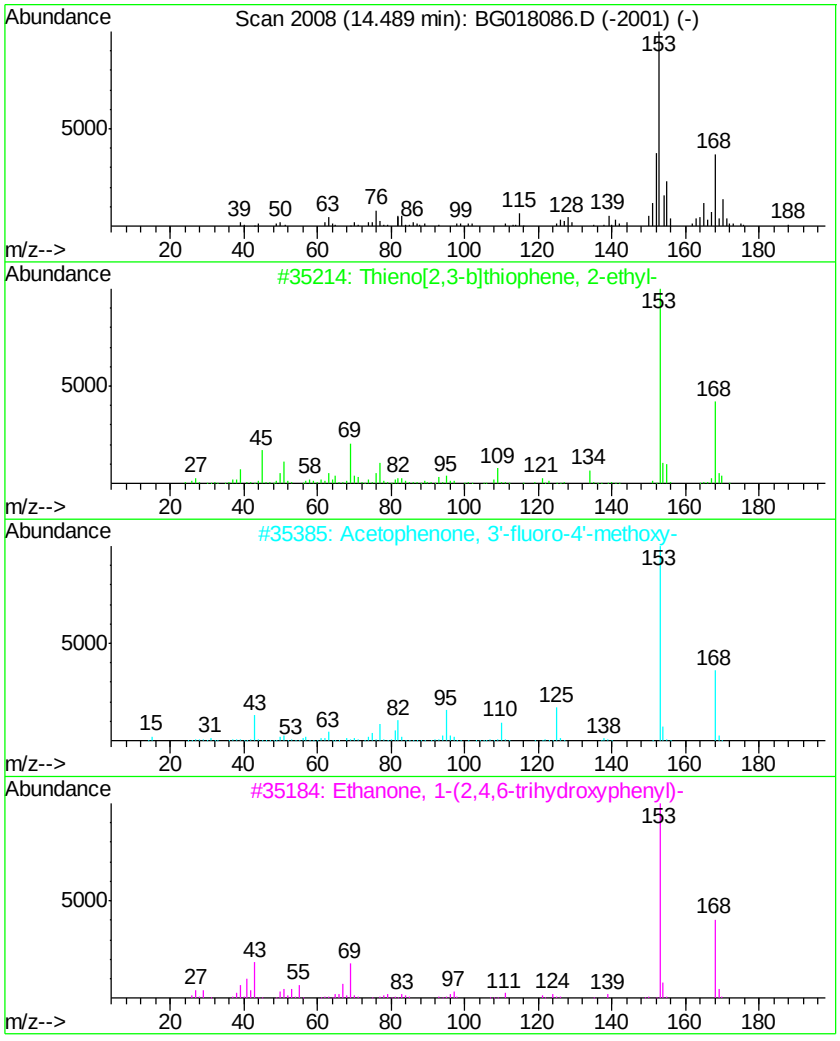
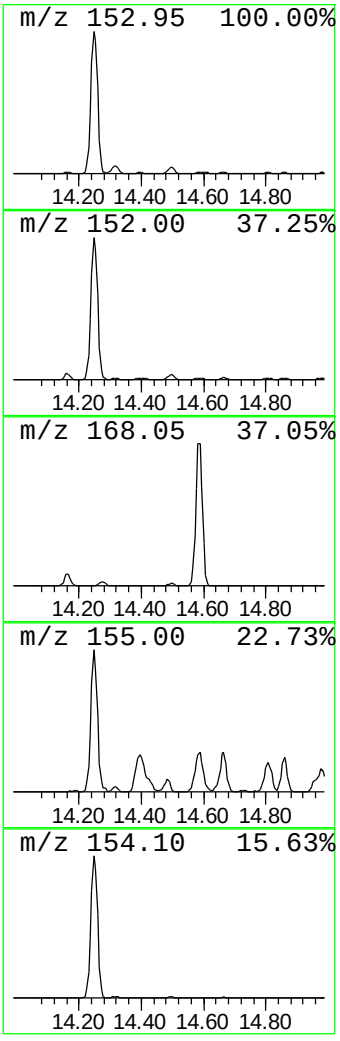
Peak Number 7 Thieno[2,3-b]thiophene, 2-e... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	3.59 ng/ul	187843	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	50
2	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	47
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47
5	Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	47





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Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

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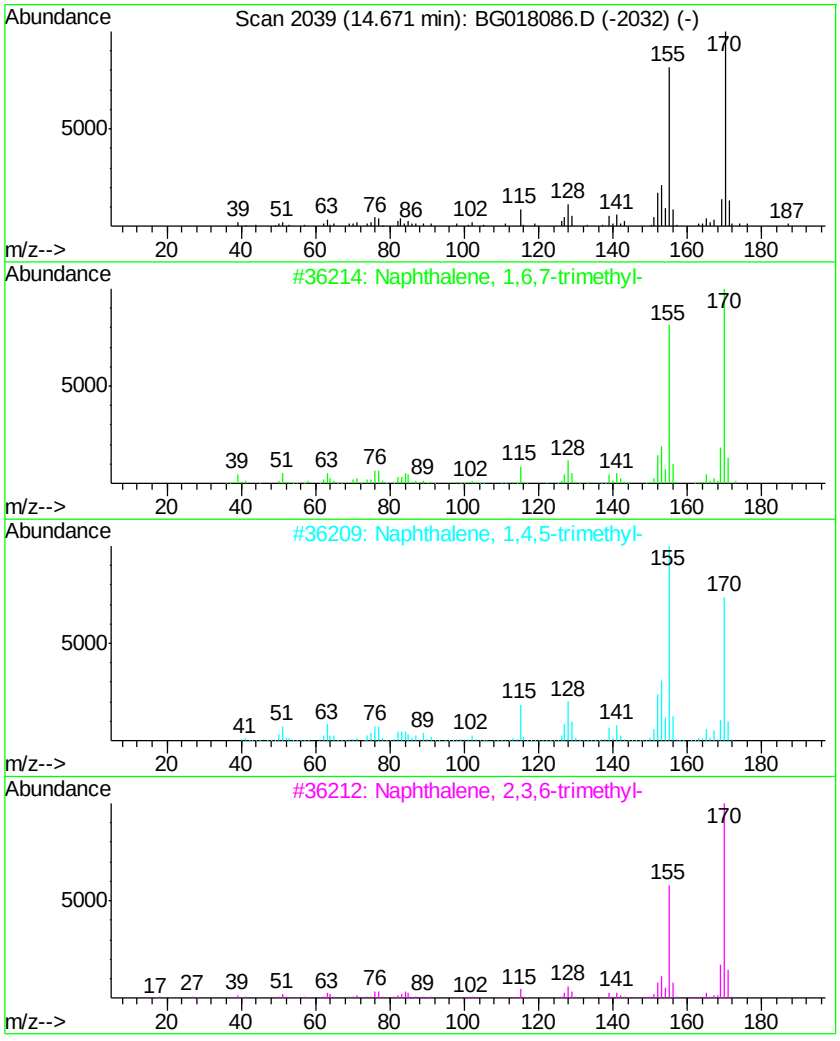
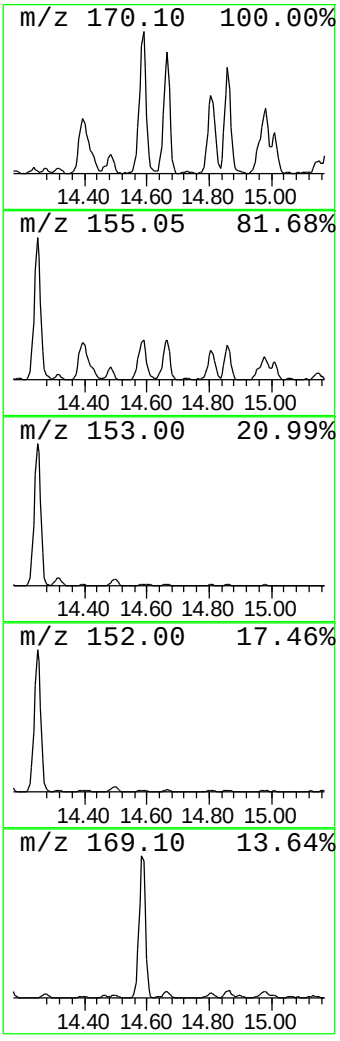
Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.02 ng/ul	158239	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
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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Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

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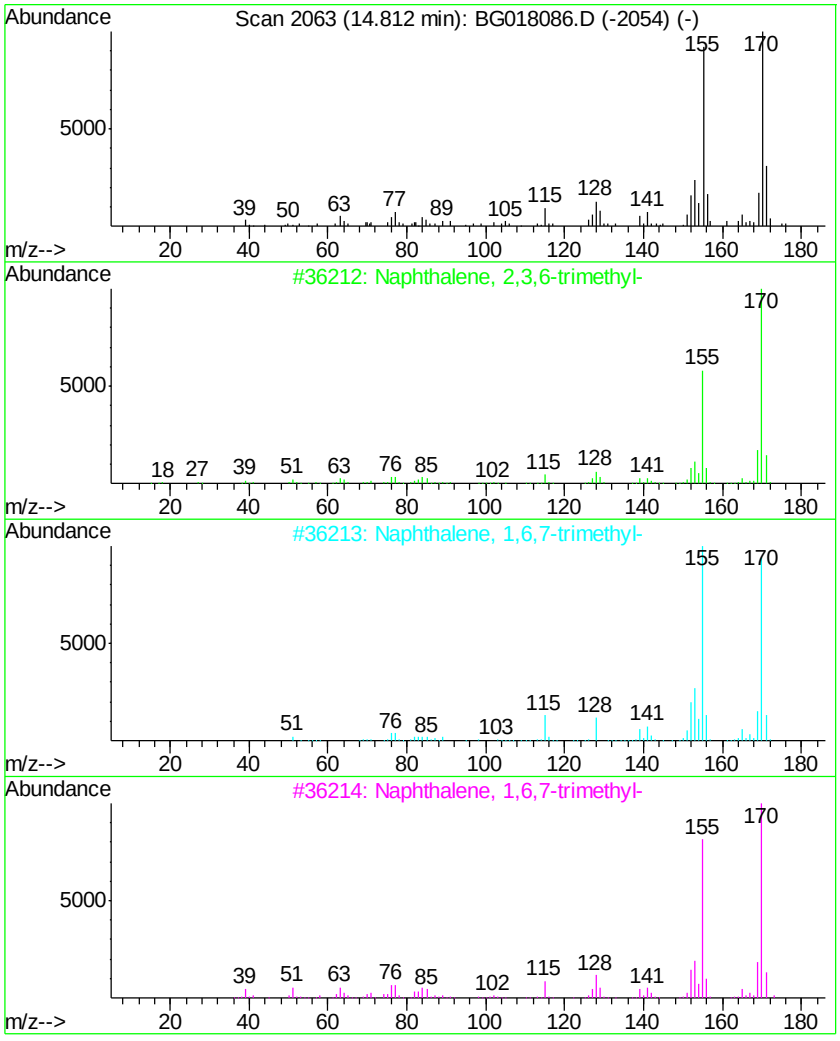
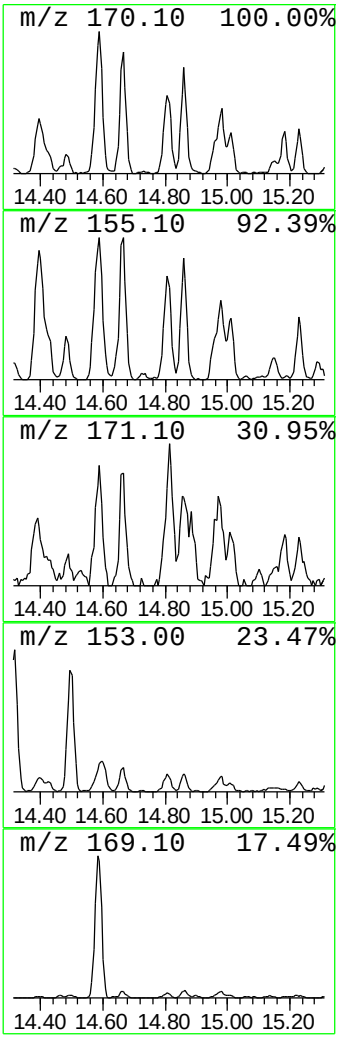
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.93 ng/ul	153548	Acenaphthene-d10	14.18

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





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Misc :
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Instrument : BNA_G
ClientSampleId : C02D9

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Quant Title : SVOA CALIBRATION

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

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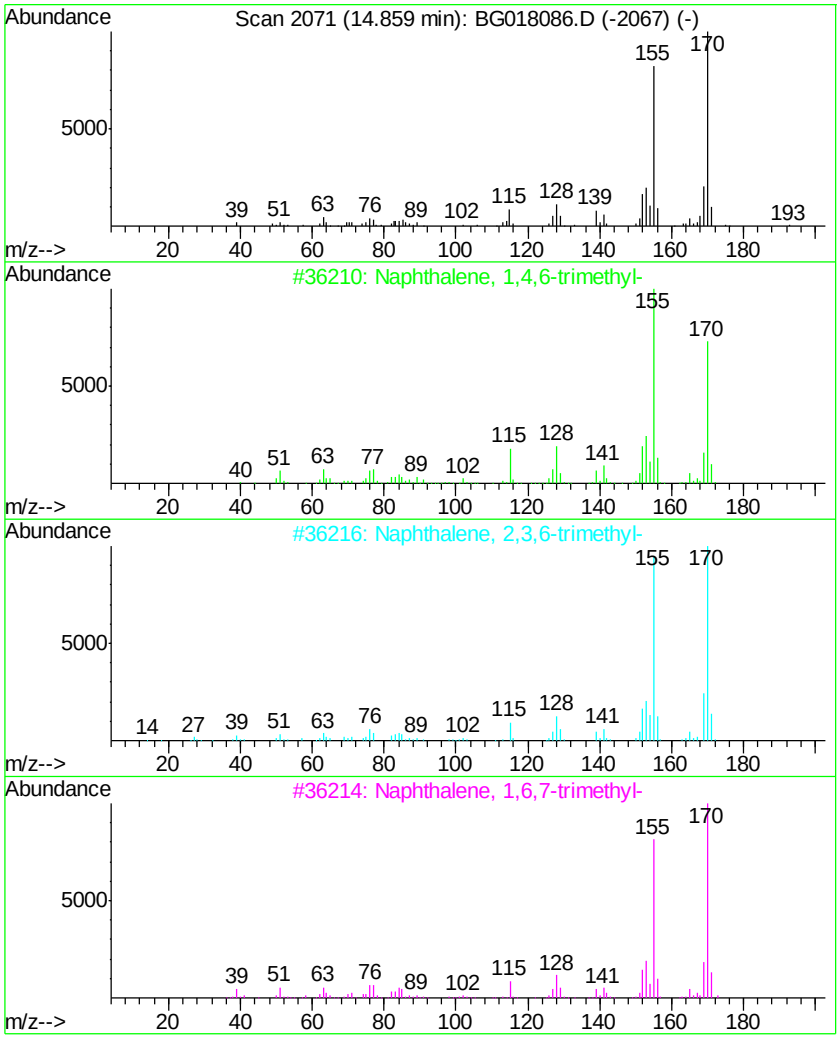
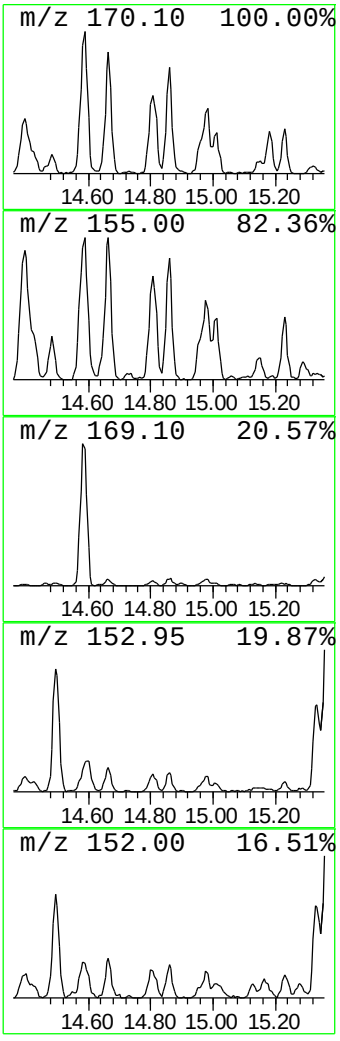
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.93 ng/ul	153376	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
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, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

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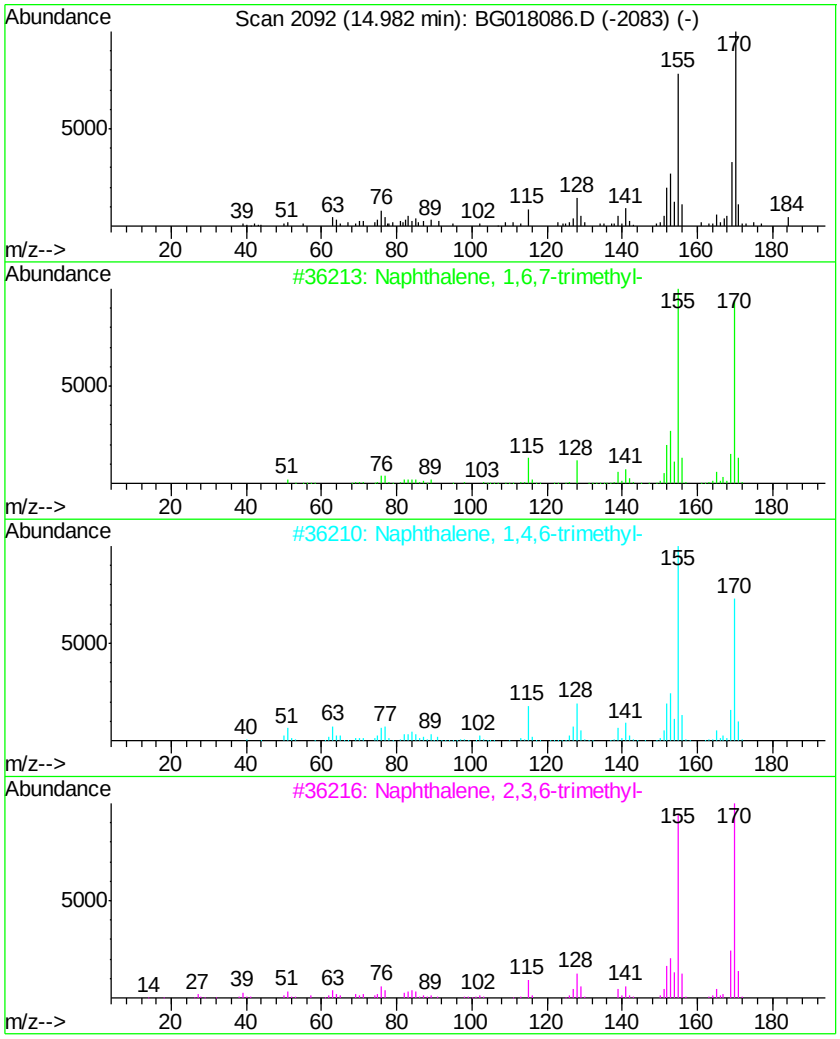
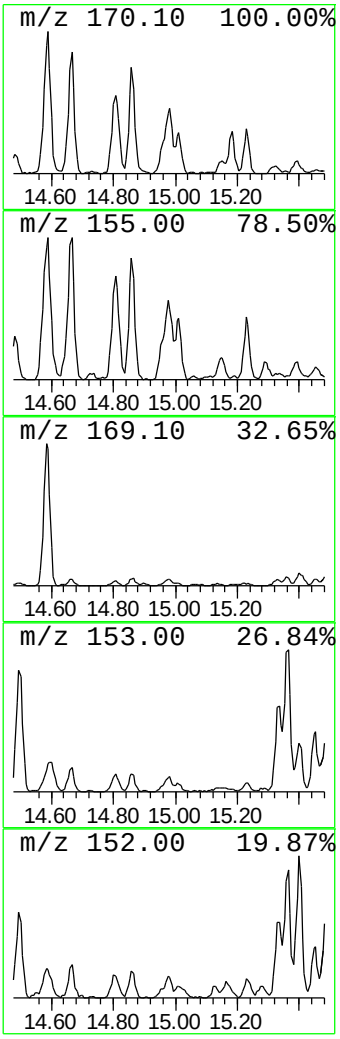
Peak Number 11 Naphthalene, 1,4,5-trimethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.69 ng/ul	140928	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





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Sample : G3035-20
Misc :
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Instrument : BNA_G
ClientSampleId : C02D9

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Quant Title : SVOA CALIBRATION

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

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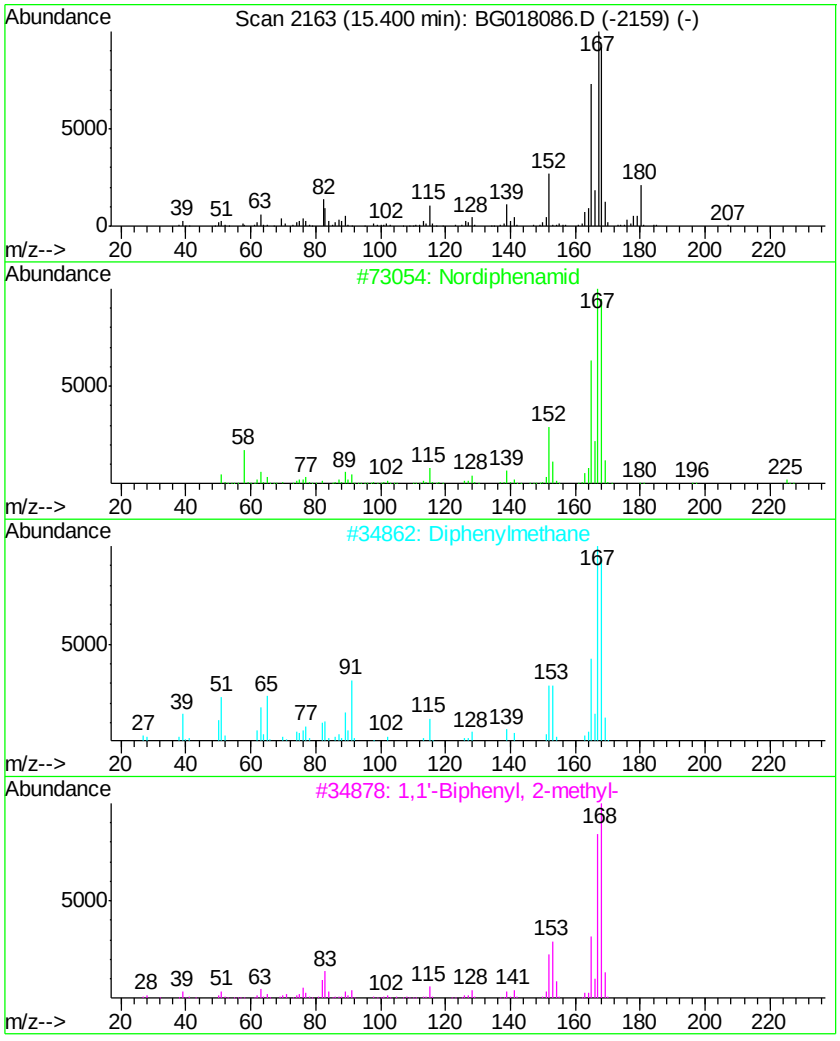
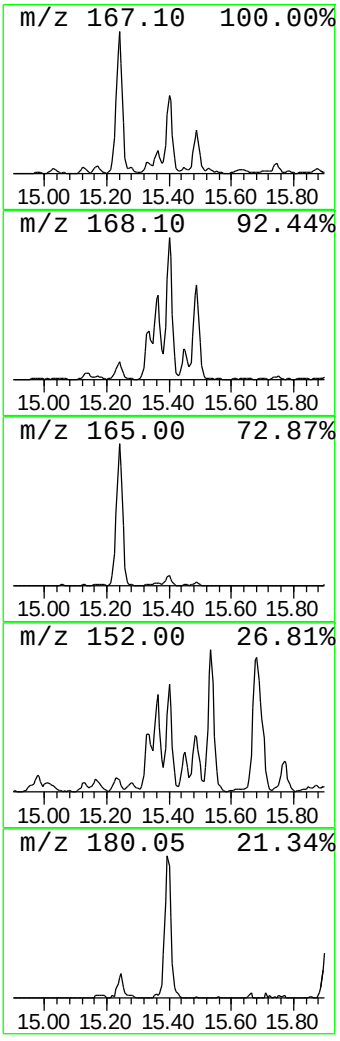
Peak Number 12 Nordiphenamid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	9.67 ng/ul	506372	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	87
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
4	Diphenylmethane	168	C13H12	000101-81-5	52
5	Diphenylmethane	168	C13H12	000101-81-5	50





Library Search Compound Report

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Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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Quant Title : SVOA CALIBRATION

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

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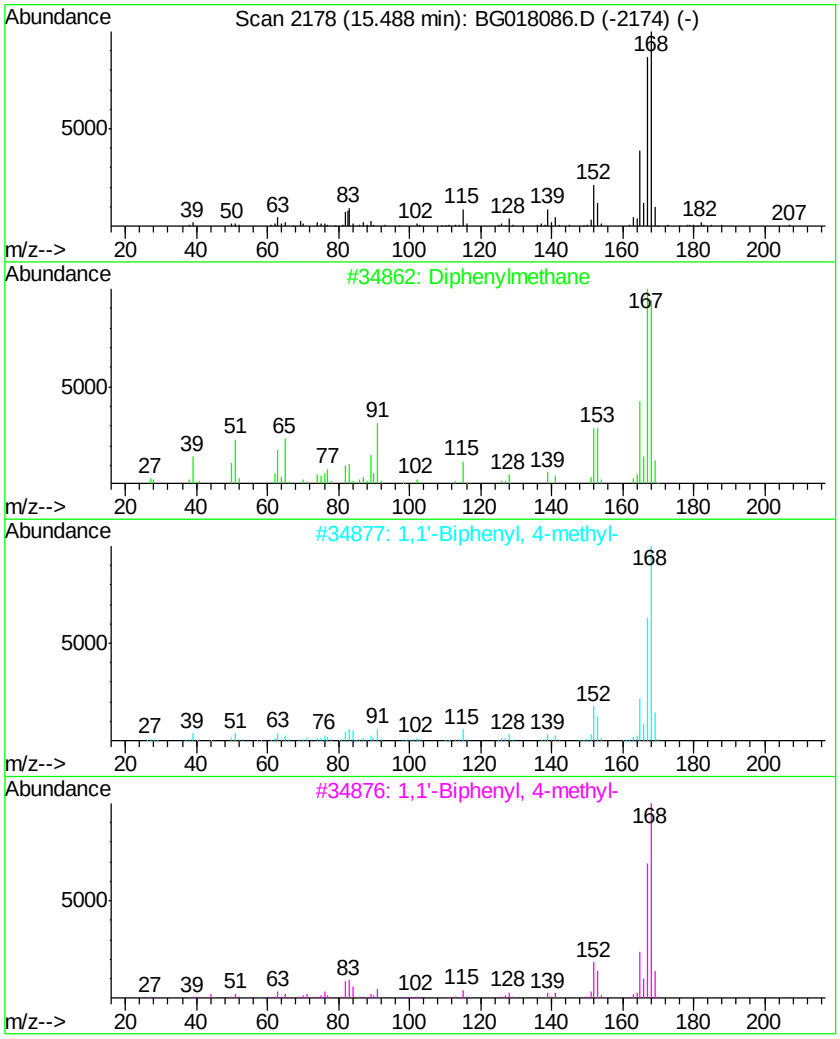
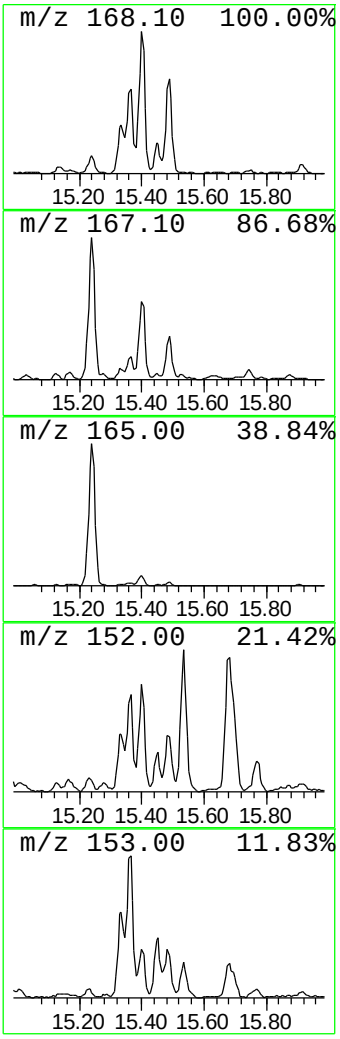
Peak Number 13 Diphenylmethane Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	5.01 ng/ul	262337	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	90
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
4	Diphenylmethane	168	C13H12	000101-81-5	81
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76





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ClientSampleId : C02D9

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Quant Title : SVOA CALIBRATION

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

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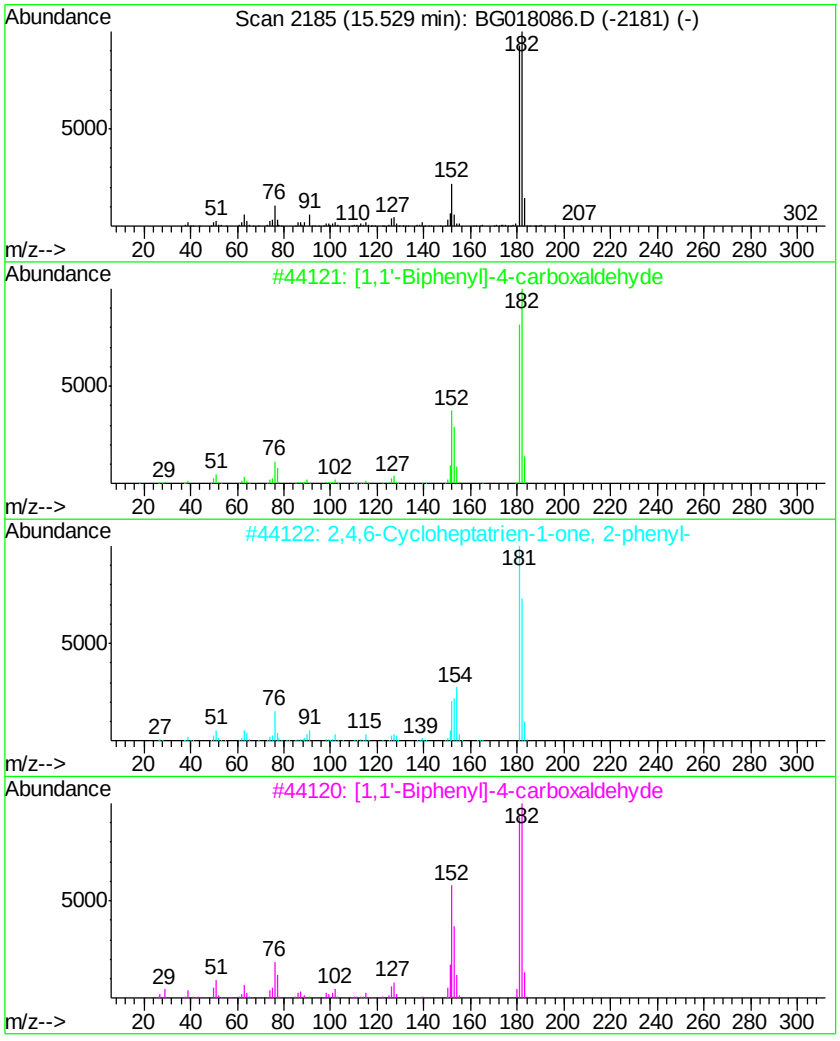
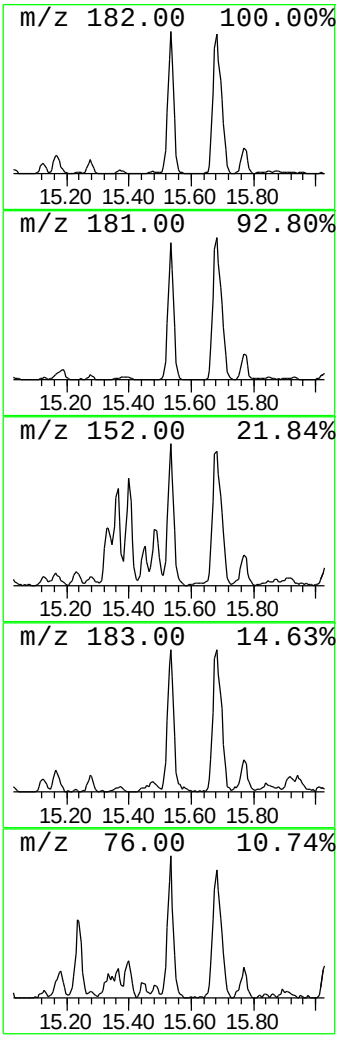
Peak Number 14 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	11.14 ng/ul	583438	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64





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Quant Title : SVOA CALIBRATION

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

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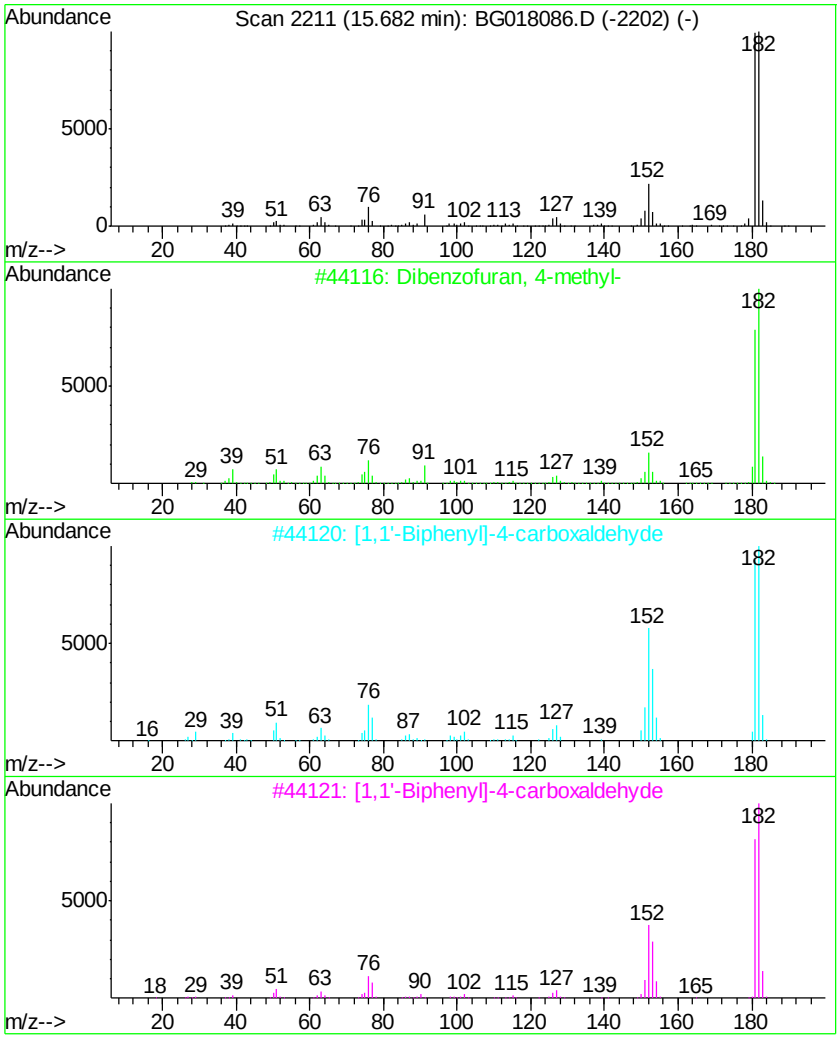
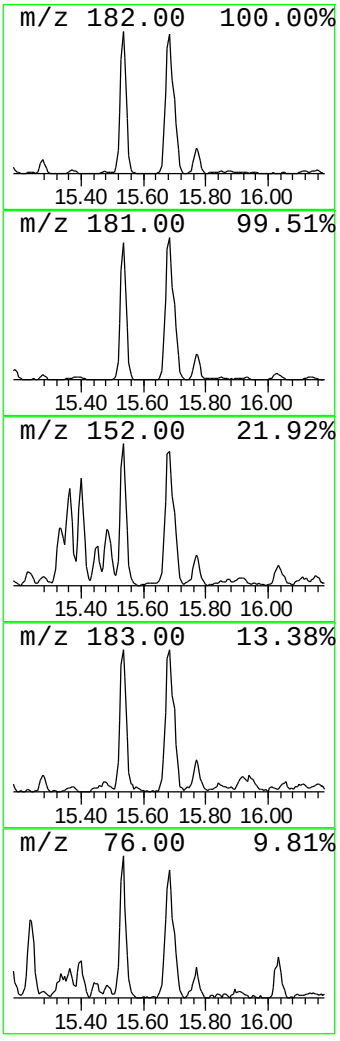
Peak Number 15 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	17.45 ng/ul	779821	Phenanthrene-d10	16.94

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	80
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Quant Title : SVOA CALIBRATION

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

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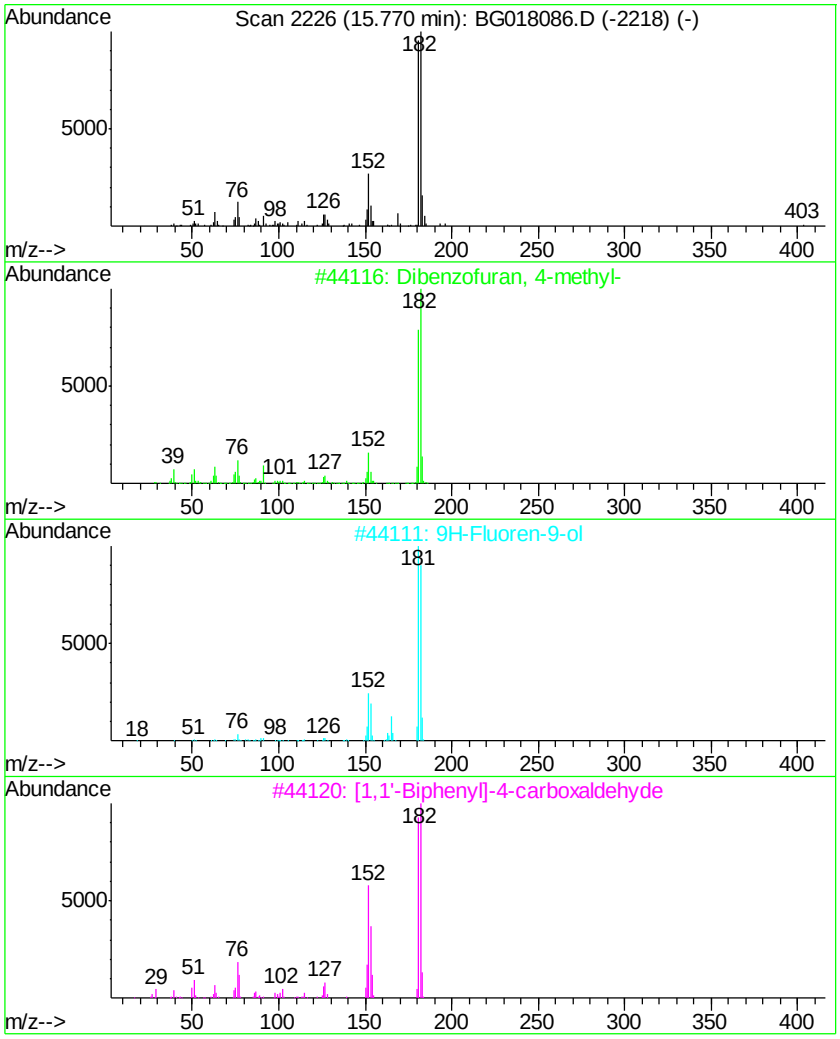
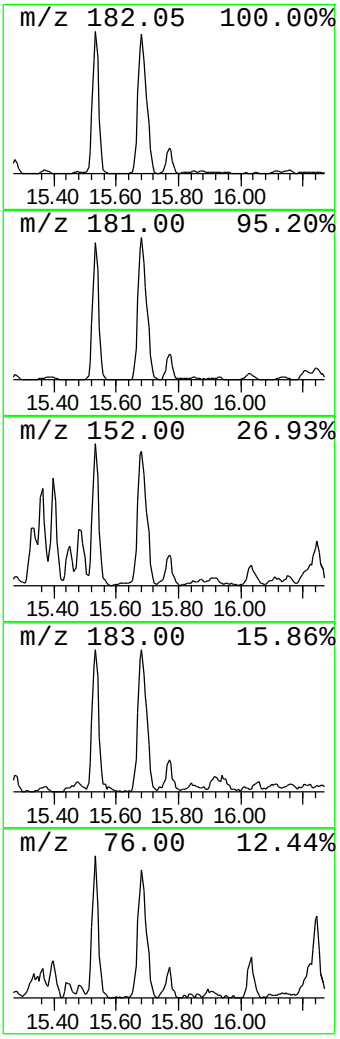
Peak Number 16 9H-Fluoren-9-ol Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.82 ng/ul	170516	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4	9H-Fluoren-9-ol, acetate	224	C15H12O2	025017-68-9	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74





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Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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Quant Title : SVOA CALIBRATION

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

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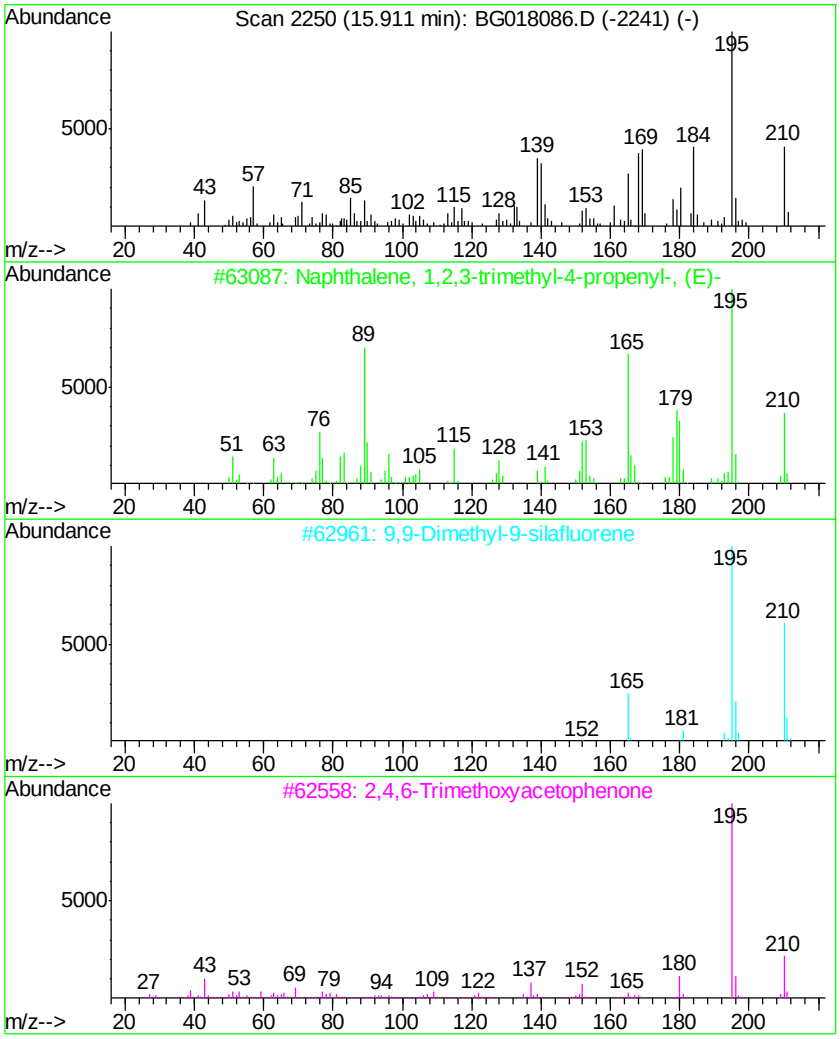
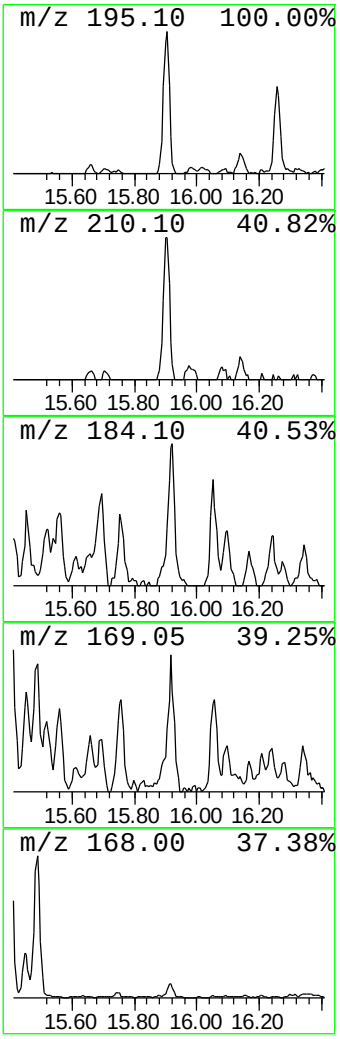
Peak Number 17 Naphthalene, 1,2,3-trimethy... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	5.71 ng/ul	255420	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	55
2	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	46
3	2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	35
4	2',3',4' Trimethoxyacetophenone	210	C11H14O4	013909-73-4	35
5	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	30





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Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

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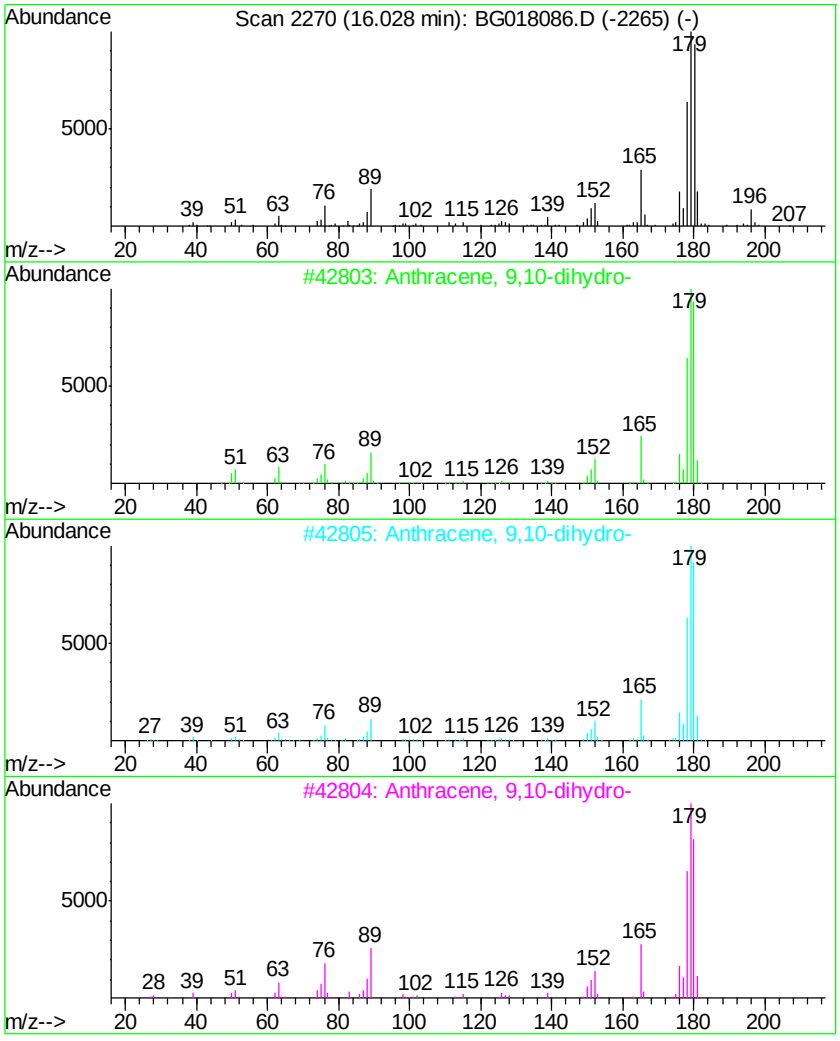
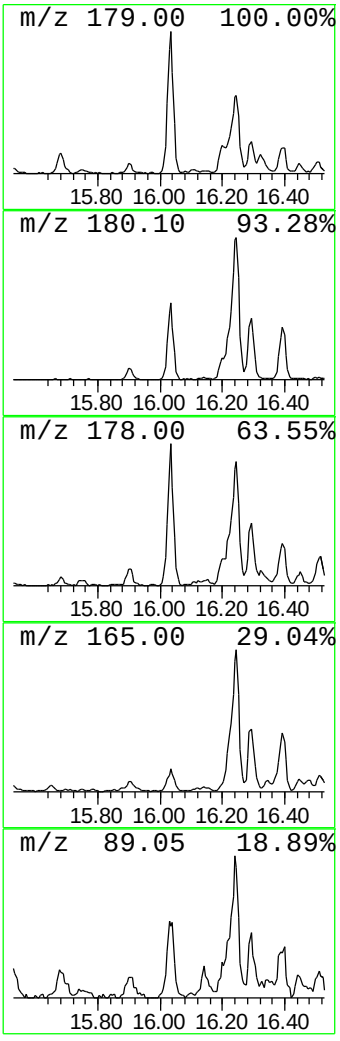
Peak Number 18 Anthracene, 9,10-dihydro- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	5.00 ng/ul	223586	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
5	Phenanthrene, 1,2-dihydro-	180	C14H12	056179-83-0	93





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Sample : G3035-20
Misc :
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Instrument : BNA_G
ClientSampleId : C02D9

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Quant Title : SVOA CALIBRATION

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

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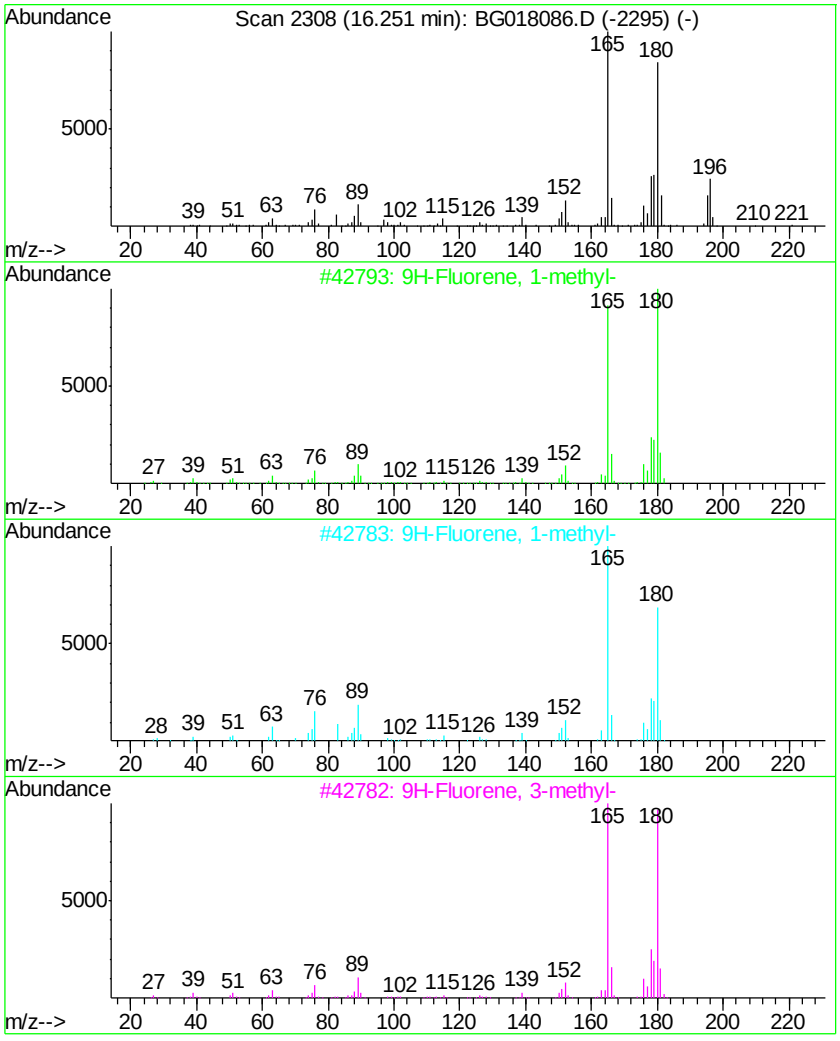
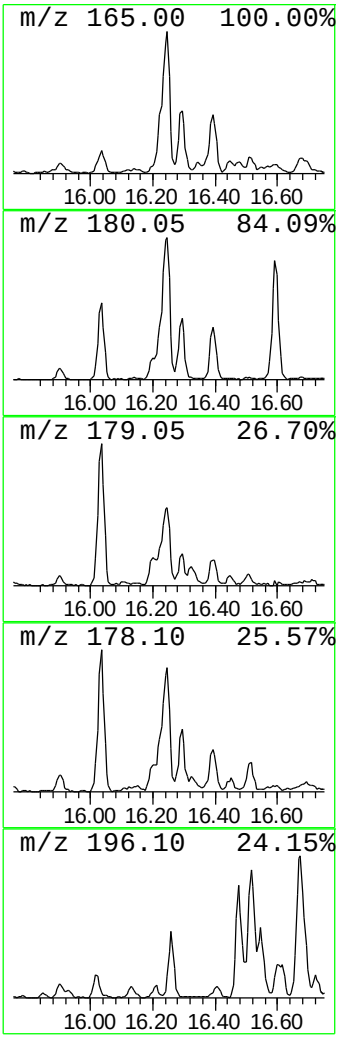
Peak Number 19 9H-Fluorene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	15.03 ng/ul	671901	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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Quant Title : SVOA CALIBRATION

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

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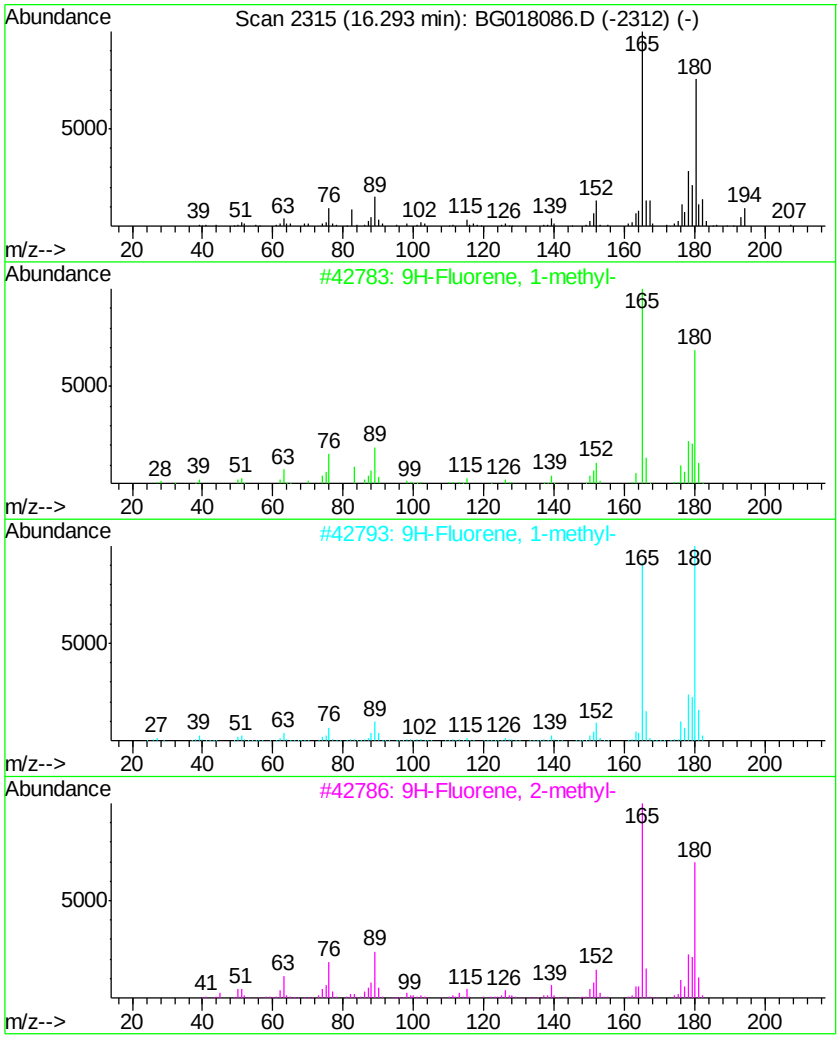
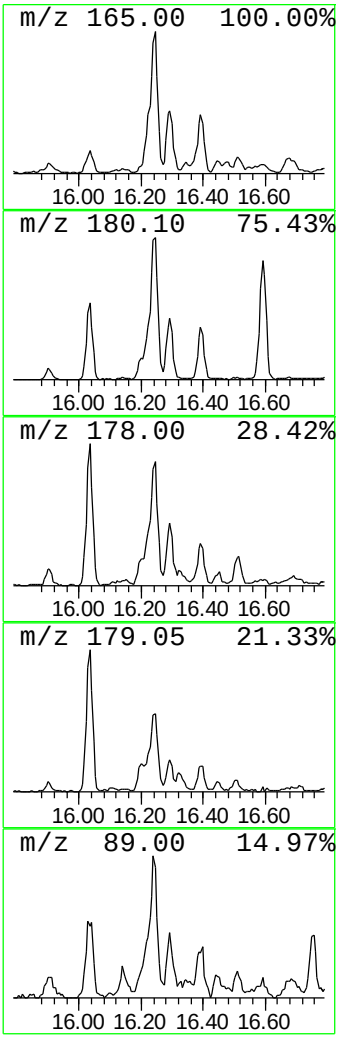
Peak Number 20 9H-Fluorene, 2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	4.67 ng/ul	208575	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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Quant Title : SVOA CALIBRATION

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

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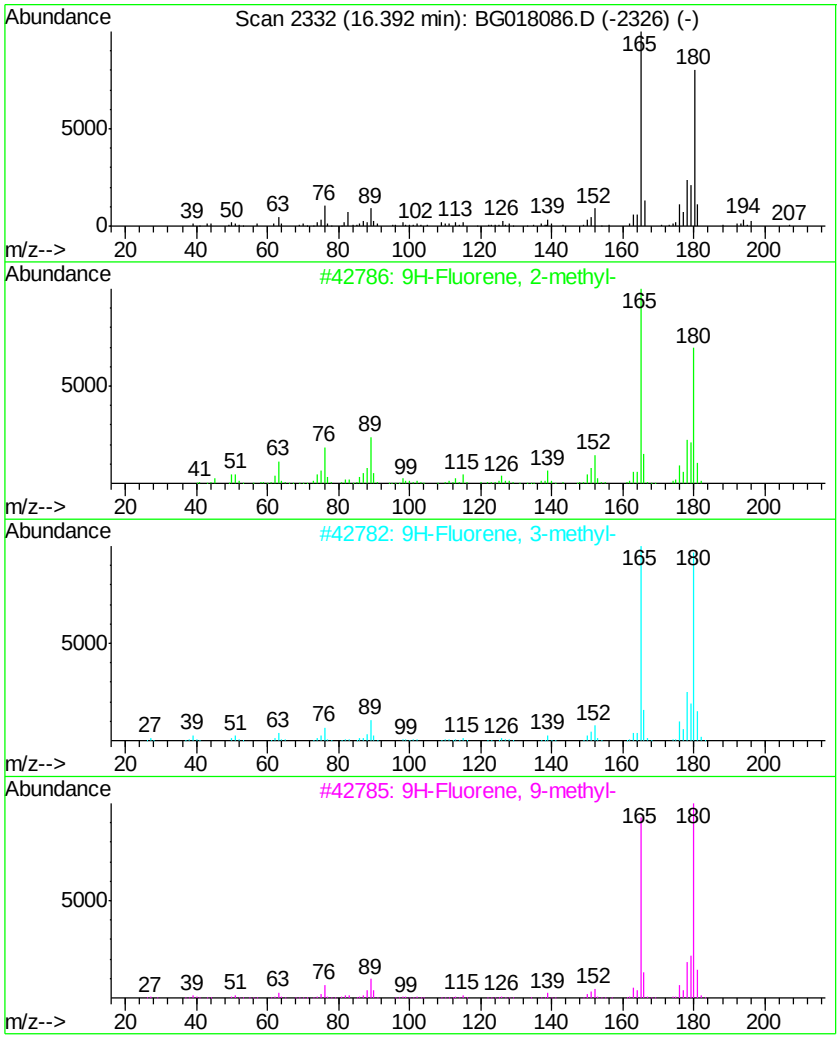
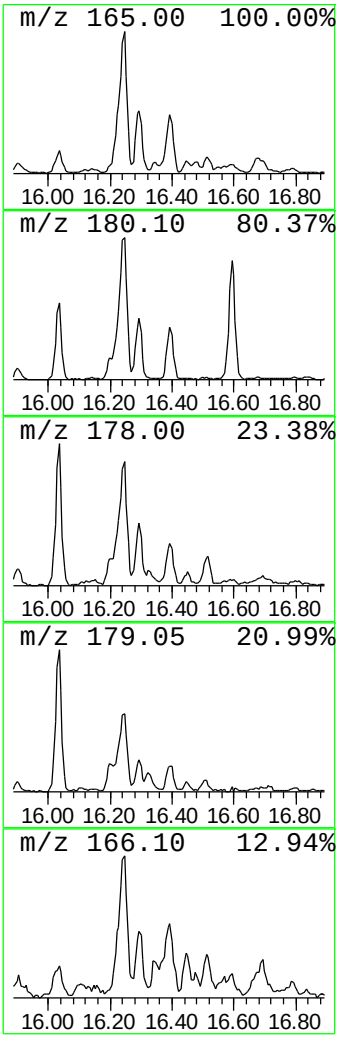
Peak Number 21 9H-Fluorene, 3-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	4.83 ng/ul	215992	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	87
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87





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Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

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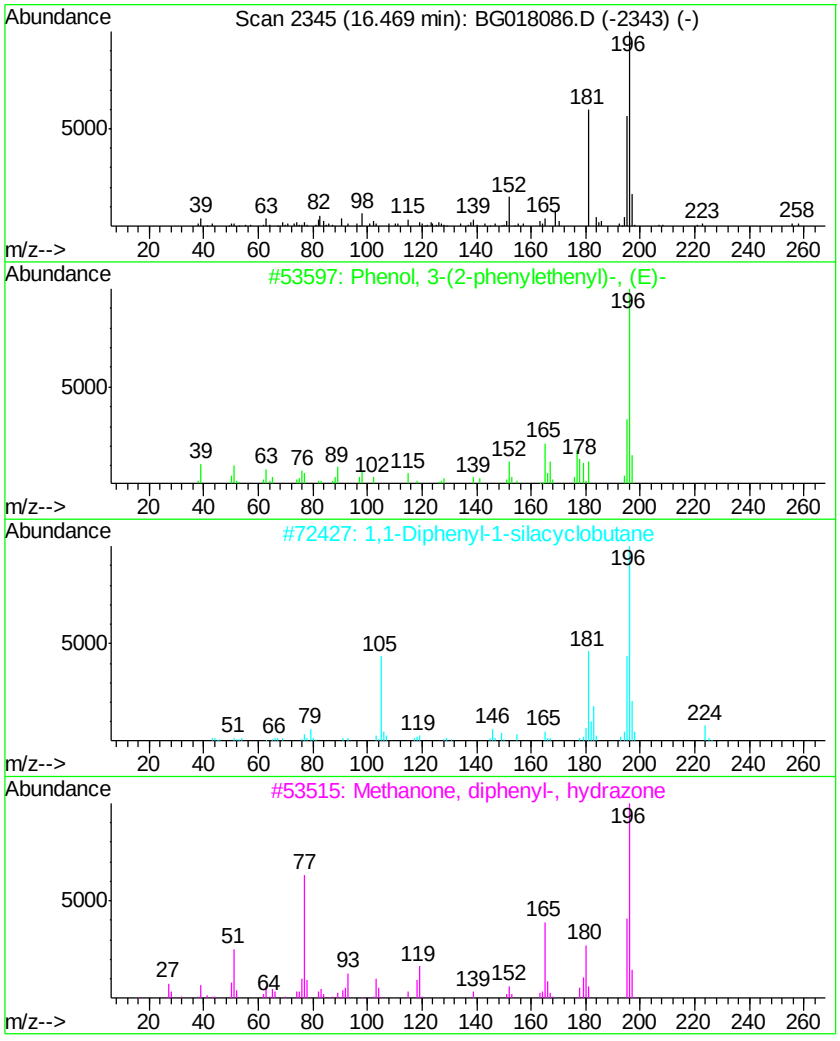
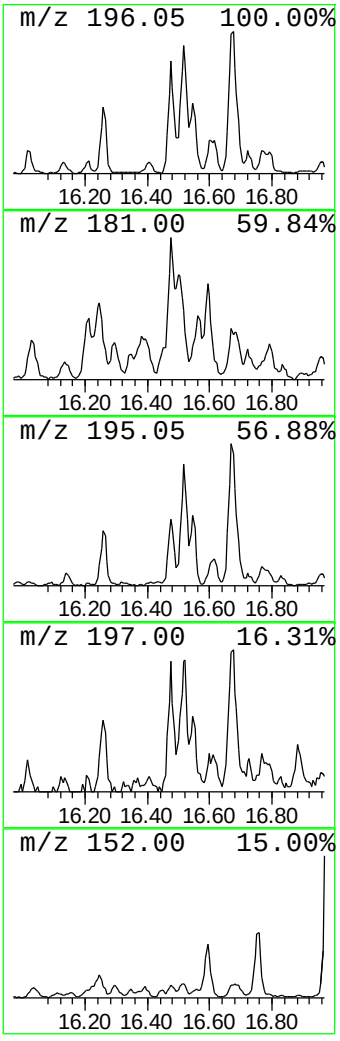
Peak Number 22 Phenol, 3-(2-phenylethenyl)... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	3.73 ng/ul	166518	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	59
2	1,1-Diphenyl-1-silacyclobutane	224	C15H16Si	003944-09-0	56
3	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	53
4	Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	53
5	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	50





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Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

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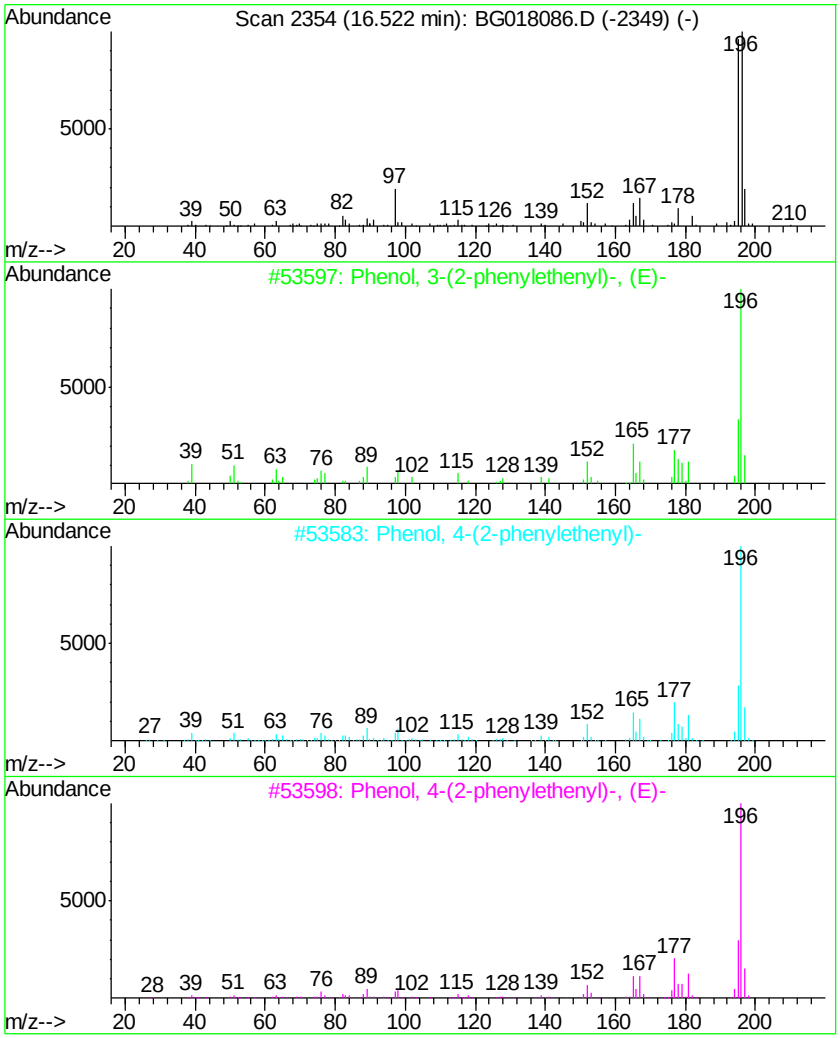
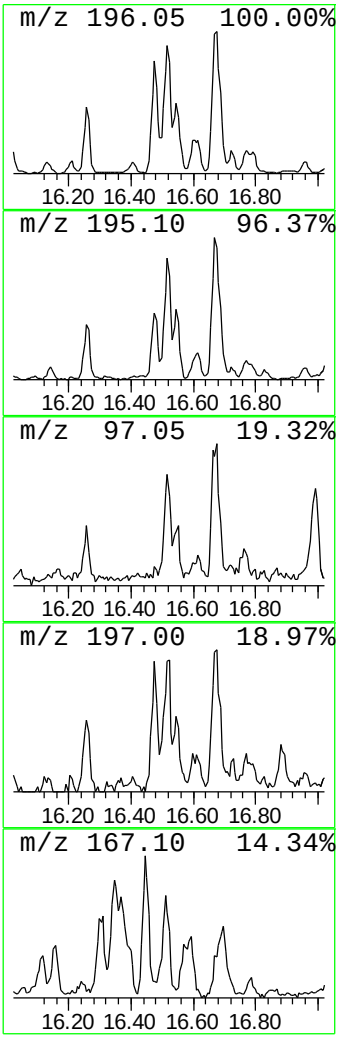
Peak Number 23 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	5.05 ng/ul	225570	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	47
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	46
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	43





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Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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Quant Title : SVOA CALIBRATION

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

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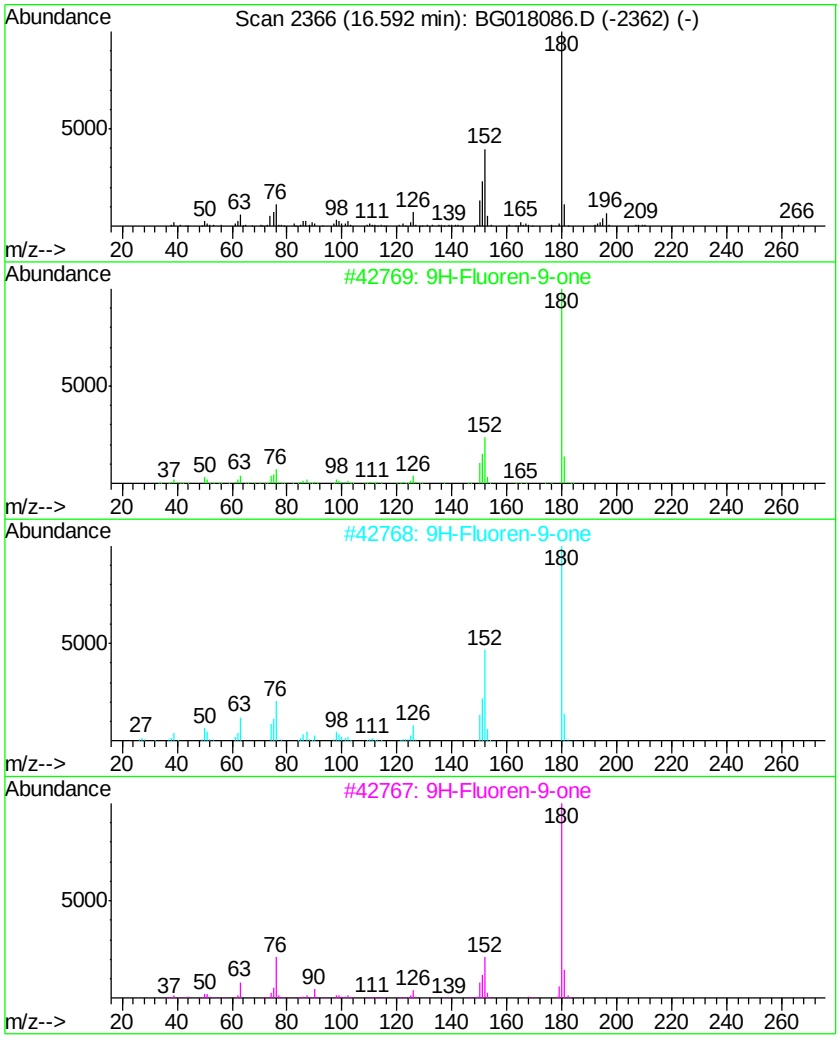
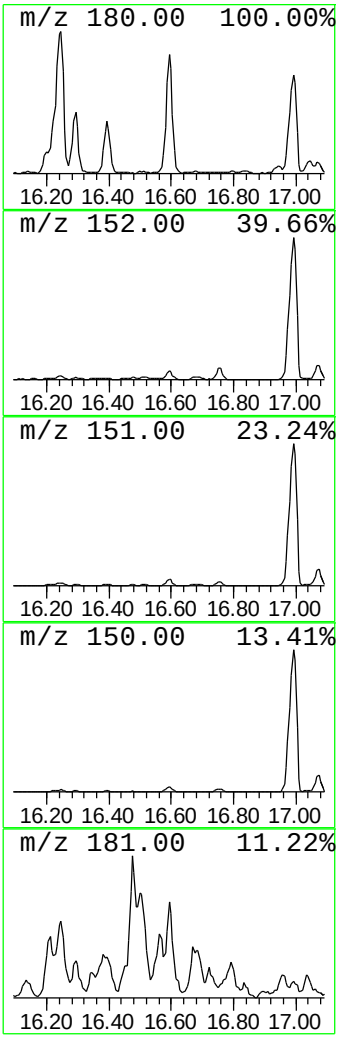
Peak Number 24 1H-Phenalen-1-one Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	5.65 ng/ul	252386	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	80
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64





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Instrument : BNA_G
ClientSampleId : C02D9

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Quant Title : SVOA CALIBRATION

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

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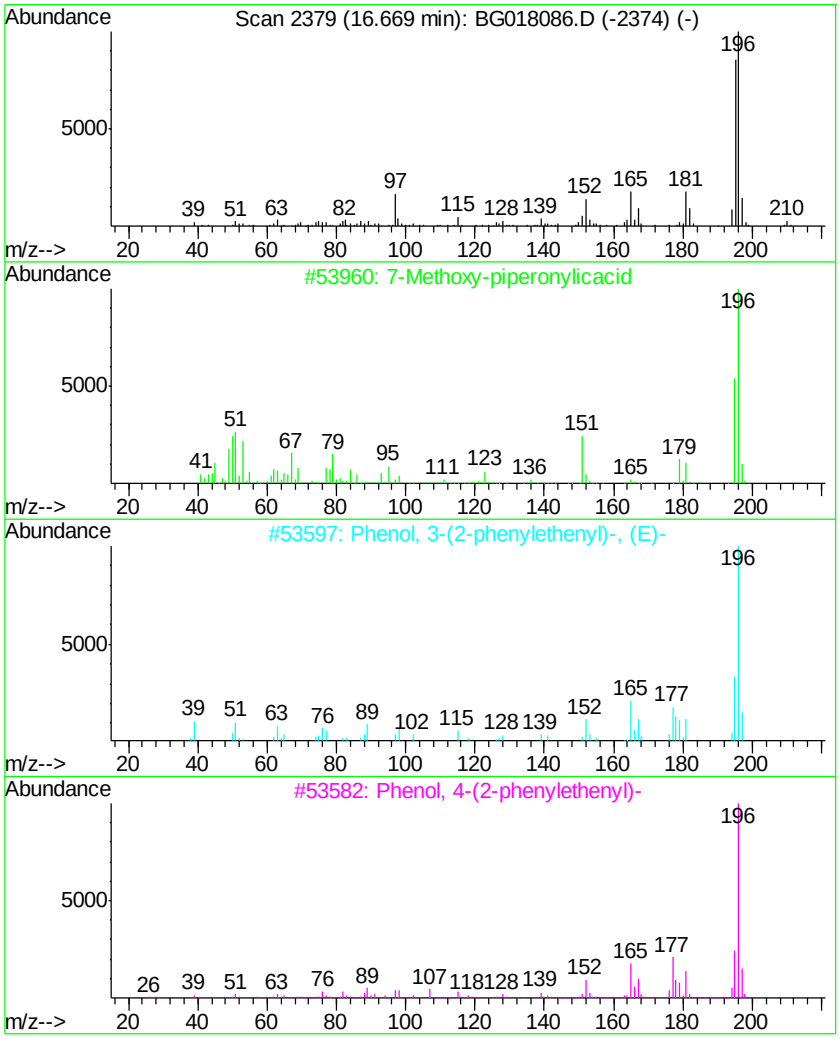
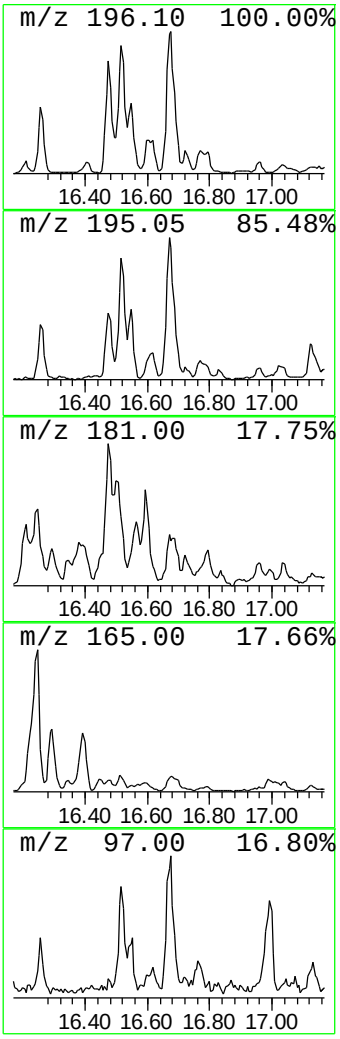
Peak Number 25 7-Methoxy-piperonylicacid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	6.67 ng/ul	297932	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	59
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	58
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	47





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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 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	19.65 ng/ul	878286	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
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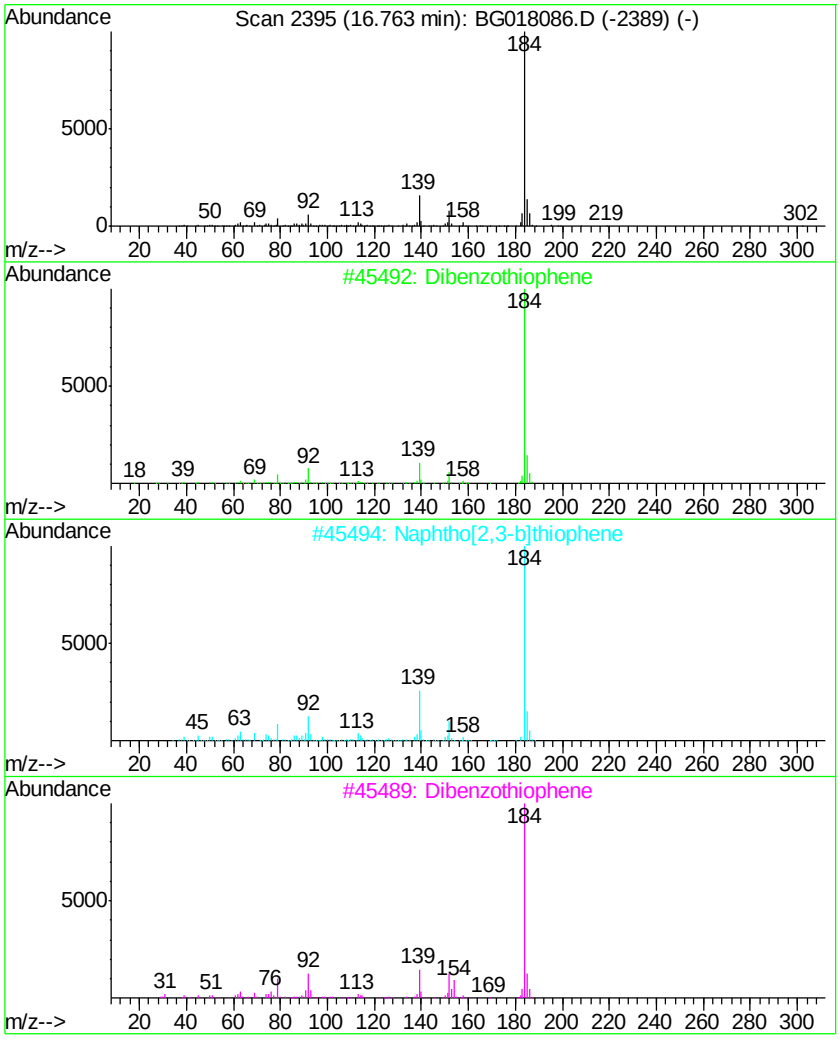

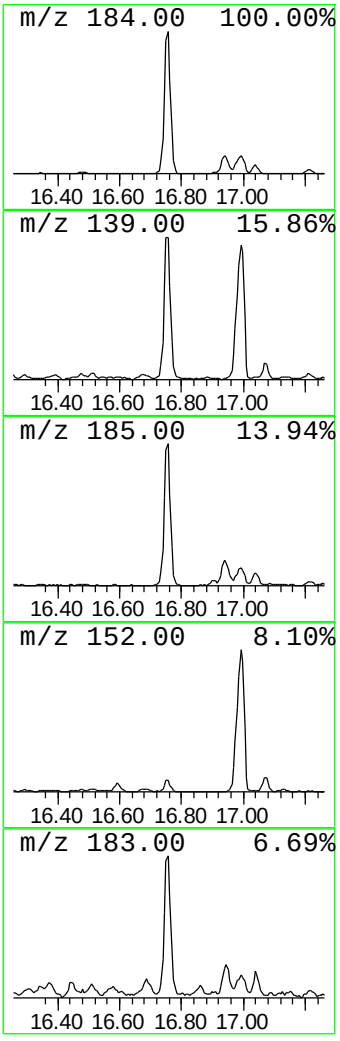

Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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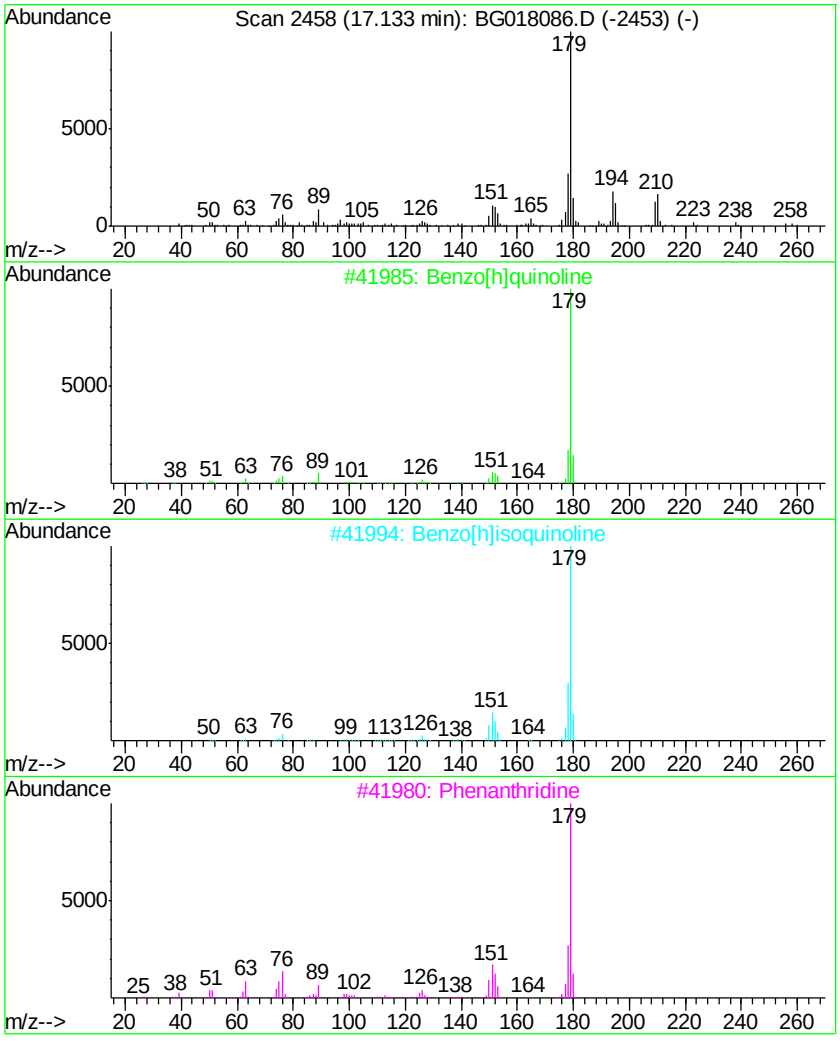
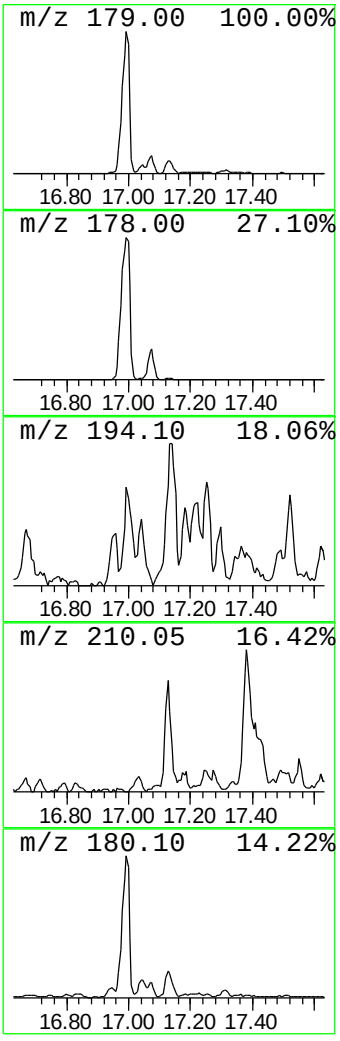
Peak Number 27 Benzo[h]quinoline Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	5.89 ng/ul	263420	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	93
2	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	93
3	Phenanthridine	179	C13H9N	000229-87-8	93
4	Acridine	179	C13H9N	000260-94-6	93
5	Acridine	179	C13H9N	000260-94-6	92





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Misc :
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Instrument : BNA_G
ClientSampleId : C02D9

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Quant Title : SVOA CALIBRATION

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

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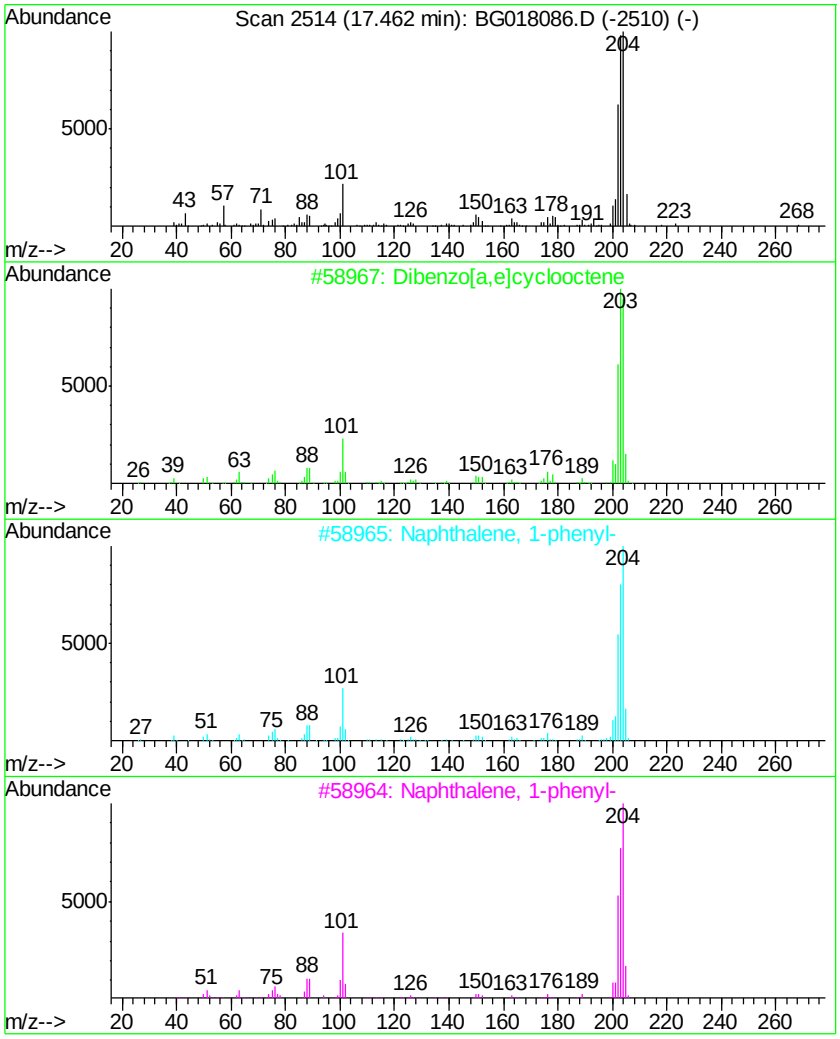
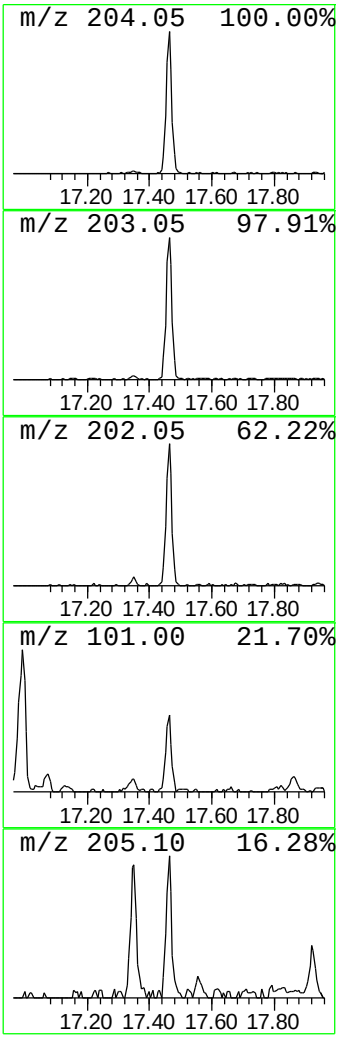
Peak Number 28 Dibenzo[a,e]cyclooctene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	3.92 ng/ul	175161	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	93
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

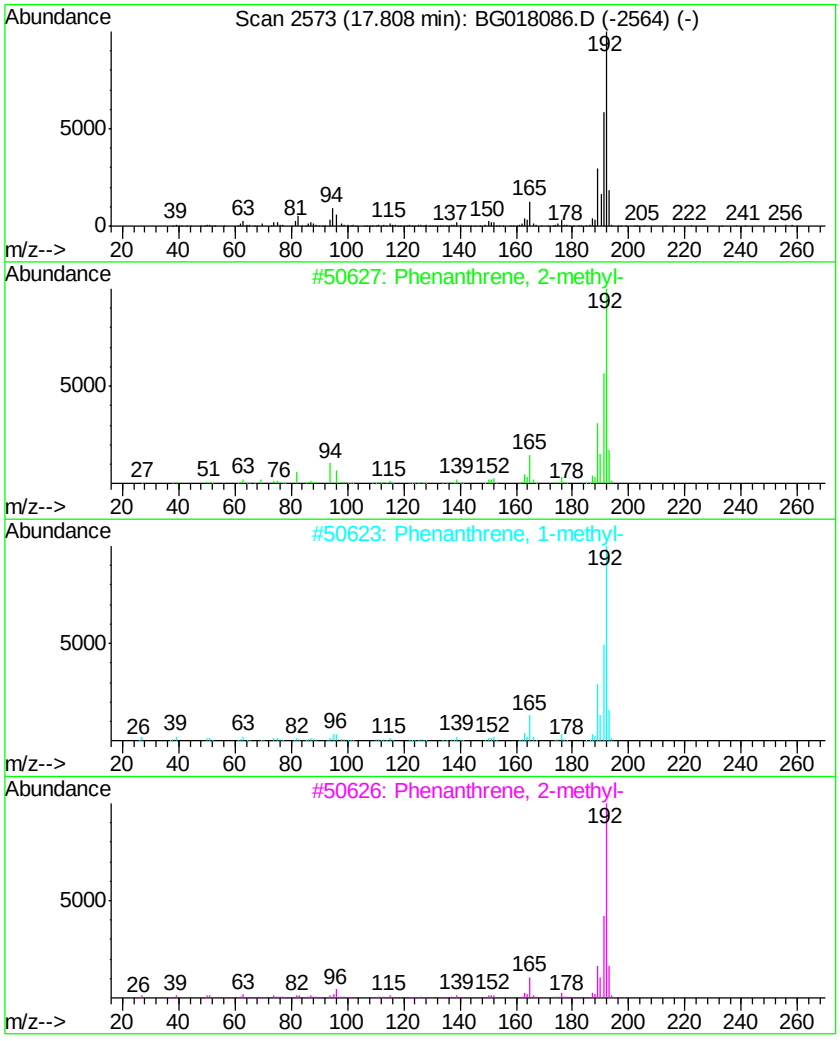
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

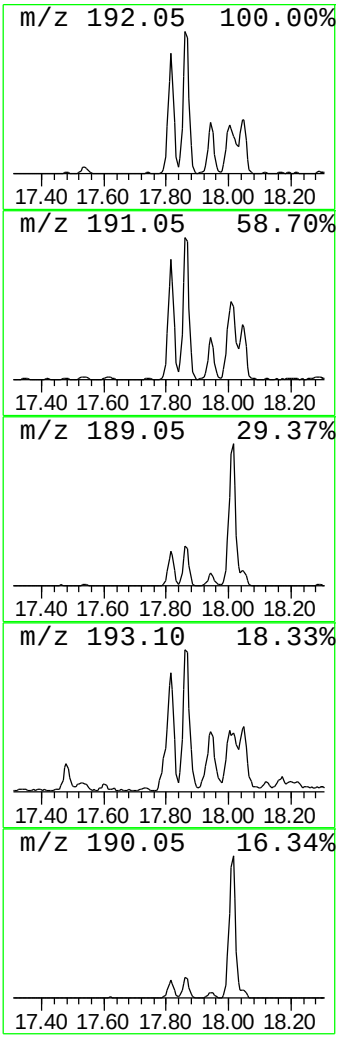
****

Peak Number 29 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	19.42 ng/ul	868020	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
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Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

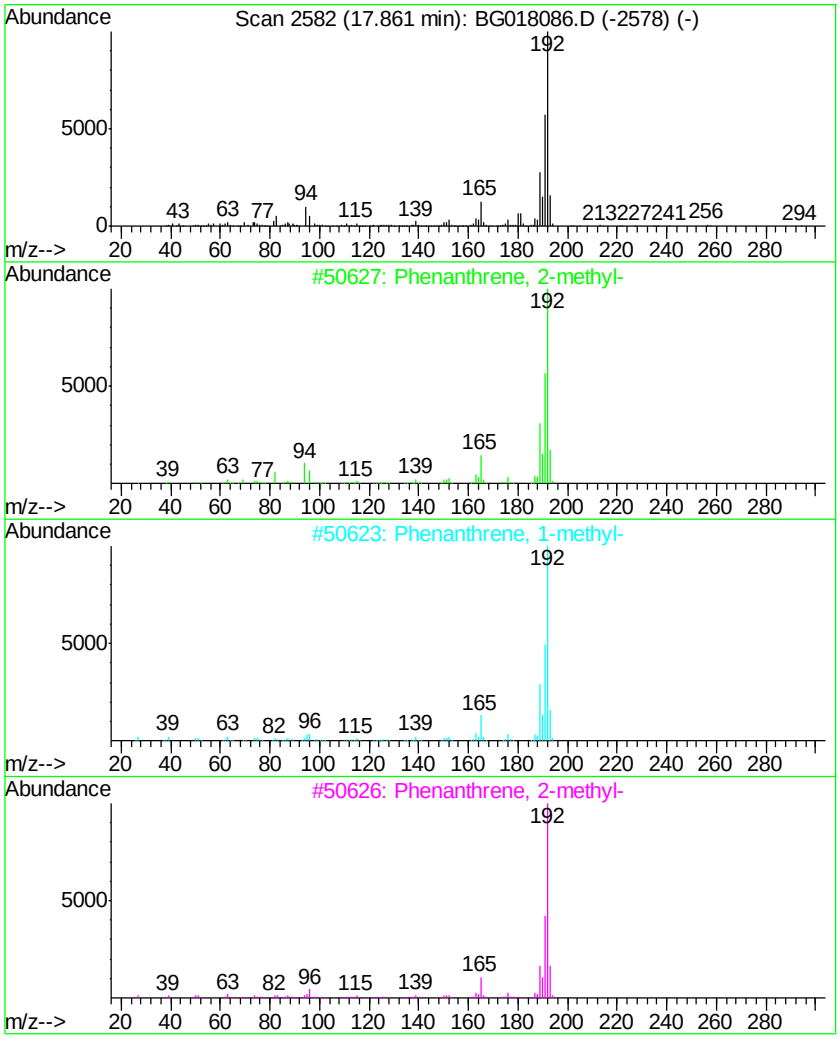
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

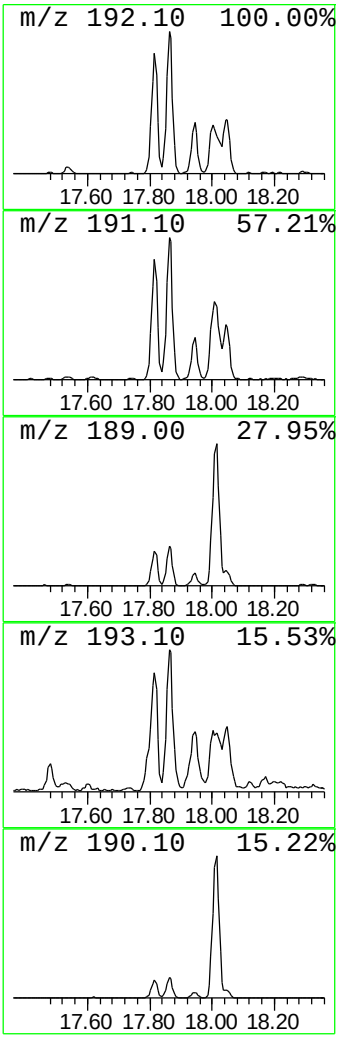
****

Peak Number 30 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	23.73 ng/ul	1060640	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

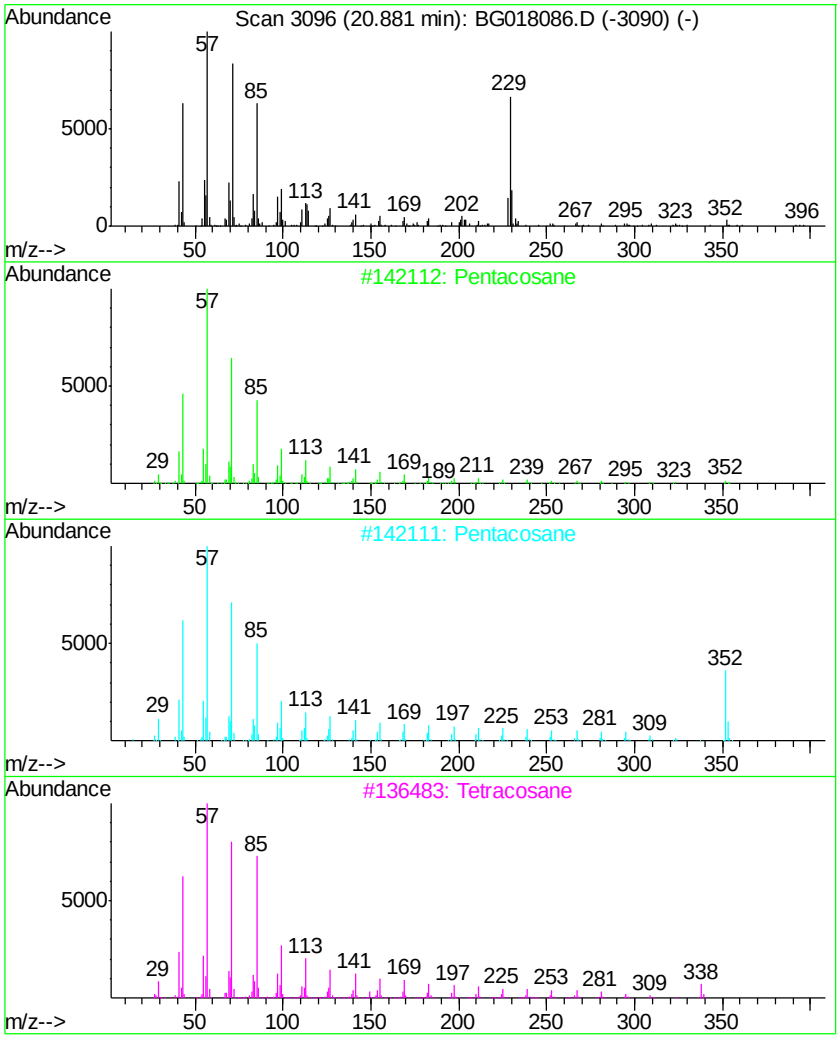
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

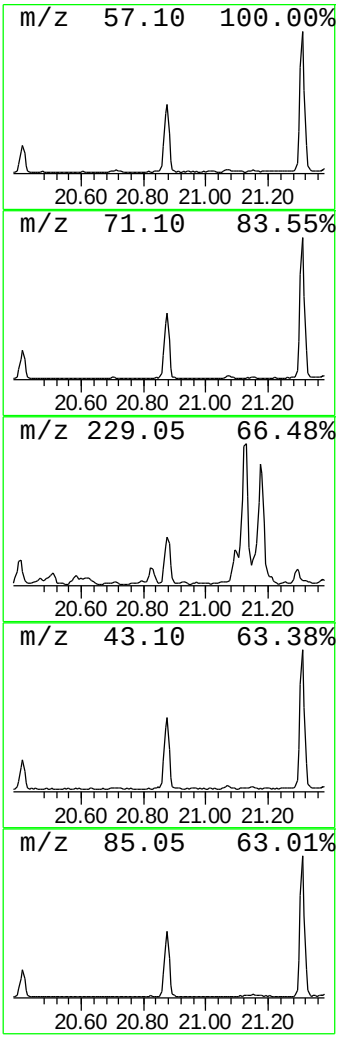
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	4.94 ng/ul	608259	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Pentacosane	352	C25H52	000629-99-2	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Octacosane	394	C28H58	000630-02-4	70
5	Heneicosane	296	C21H44	000629-94-7	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

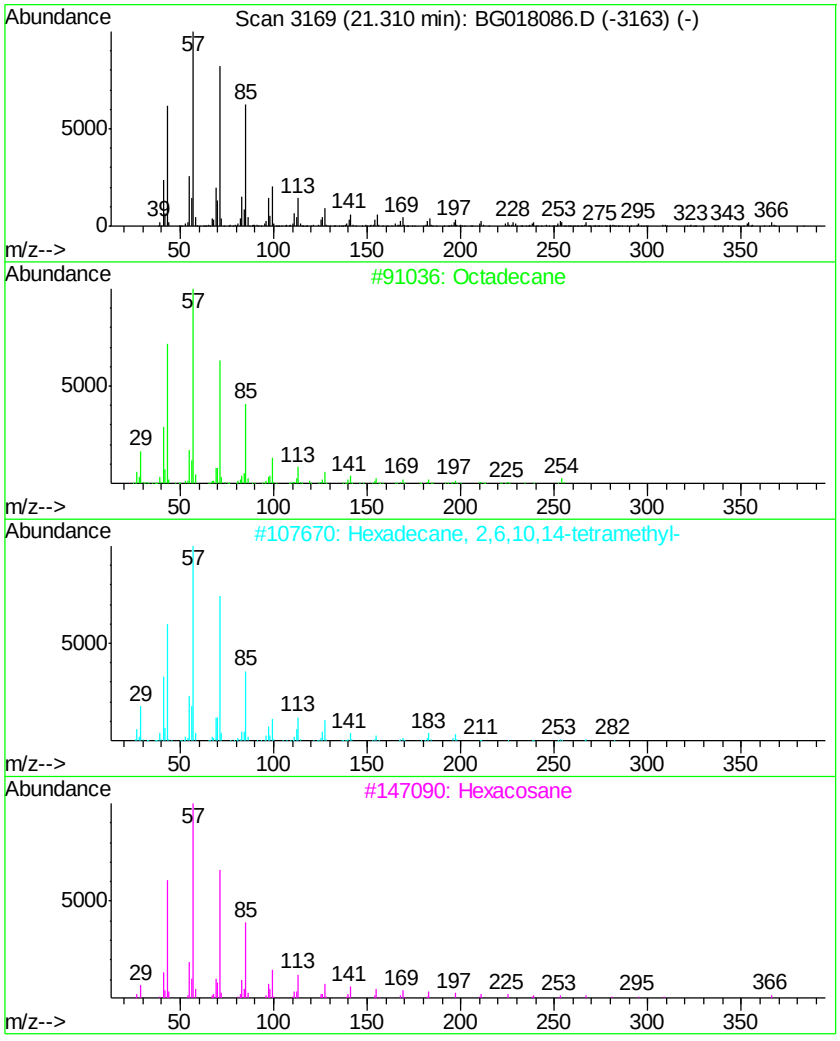
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

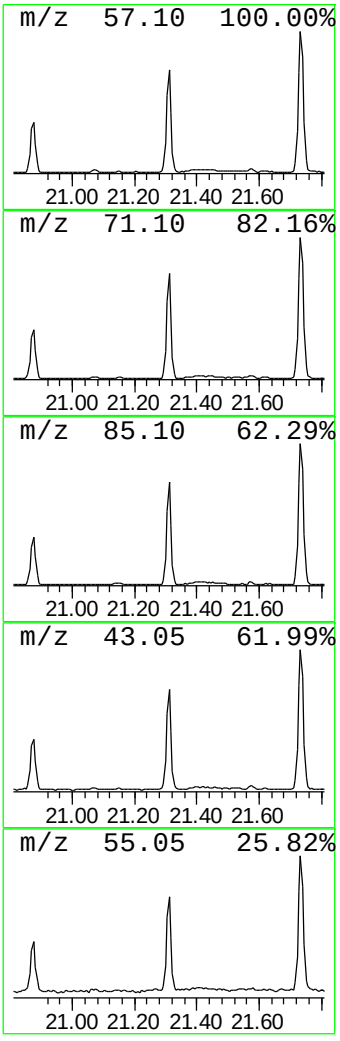
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	7.34 ng/ul	904177	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
3	Hexacosane	366	C26H54	000630-01-3	92
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

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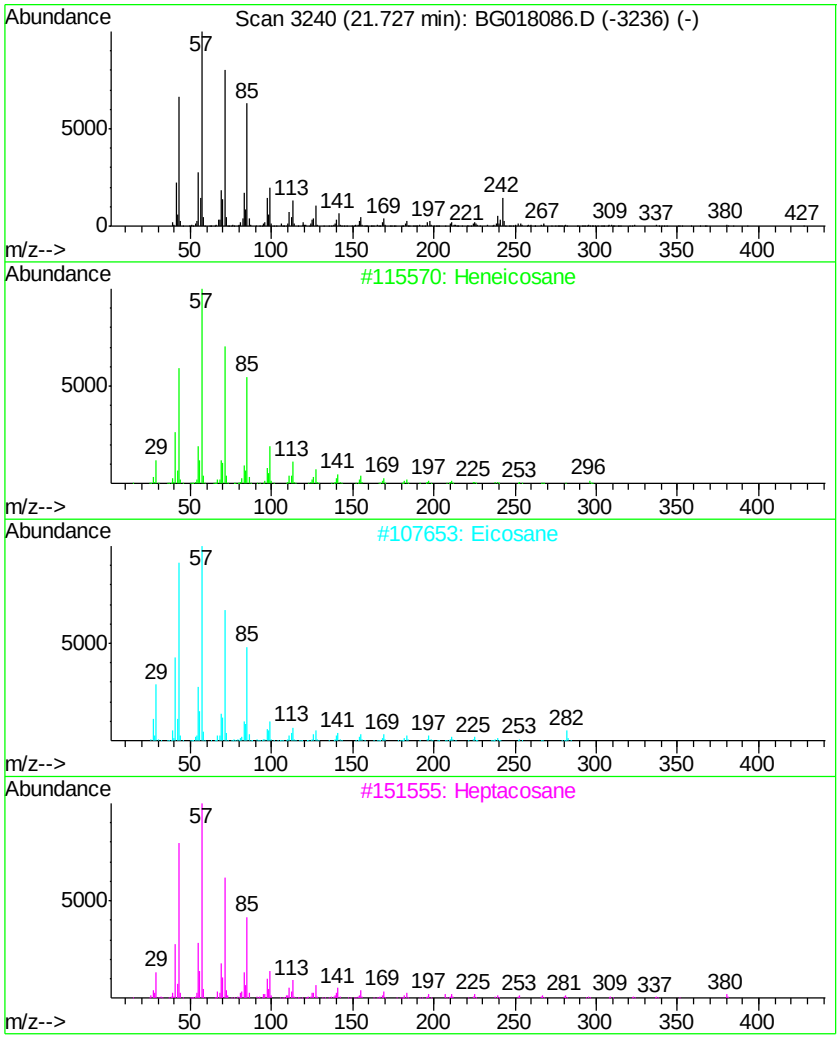
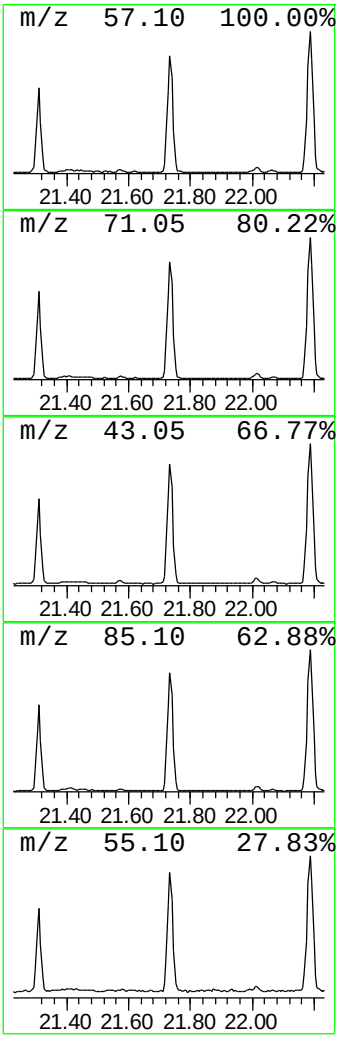
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	10.04 ng/ul	1236020	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Eicosane	282	C20H42	000112-95-8	95
3	Heptacosane	380	C27H56	000593-49-7	95
4	Heptadecane	240	C17H36	000629-78-7	94
5	Heptacosane	380	C27H56	000593-49-7	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

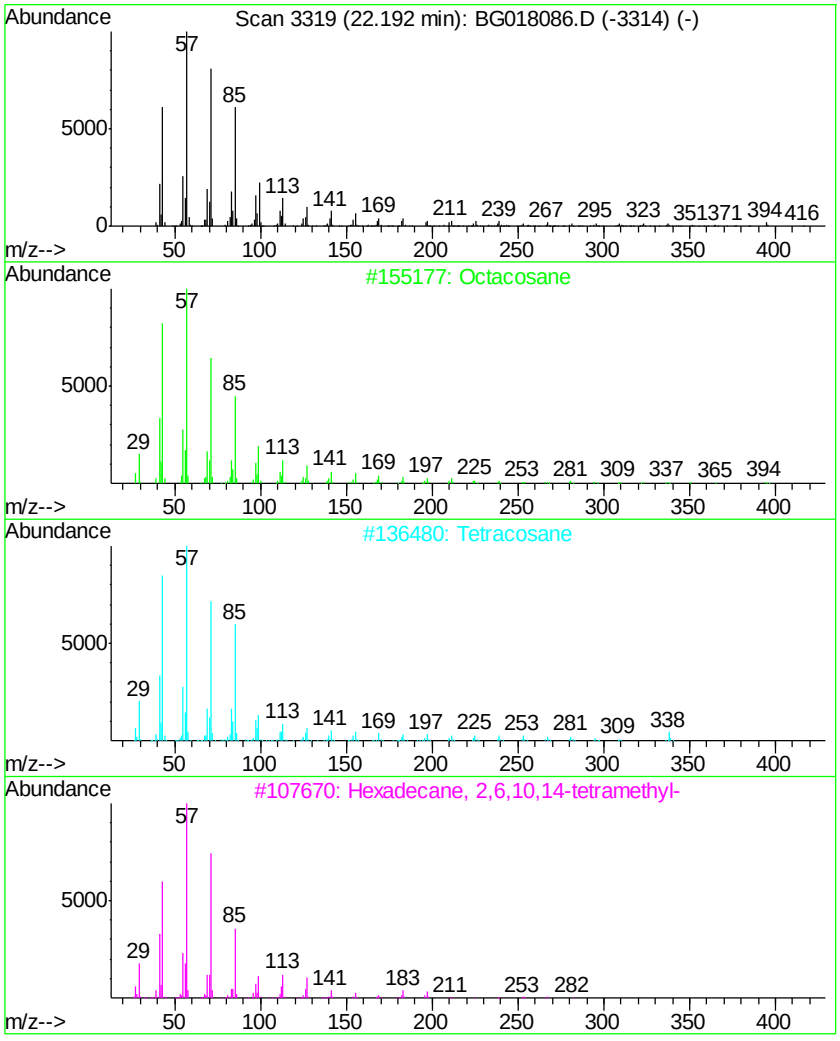
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

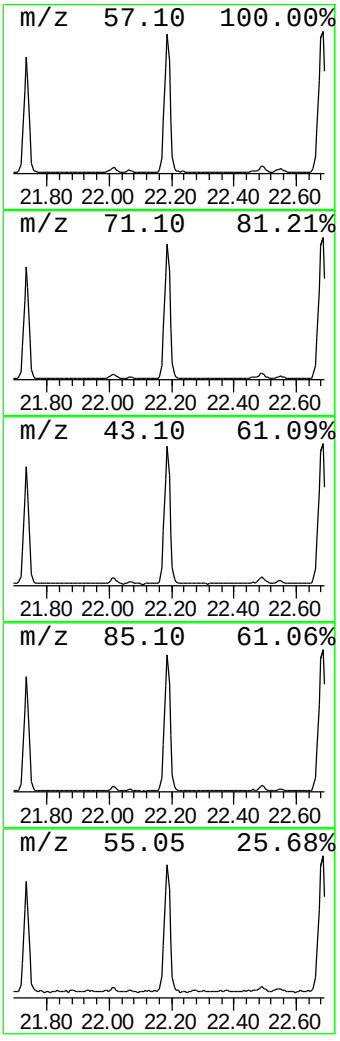
****

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	12.34 ng/ul	1519680	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Tetracosane	338	C24H50	000646-31-1	96
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
4	Octacosane	394	C28H58	000630-02-4	94
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02D9

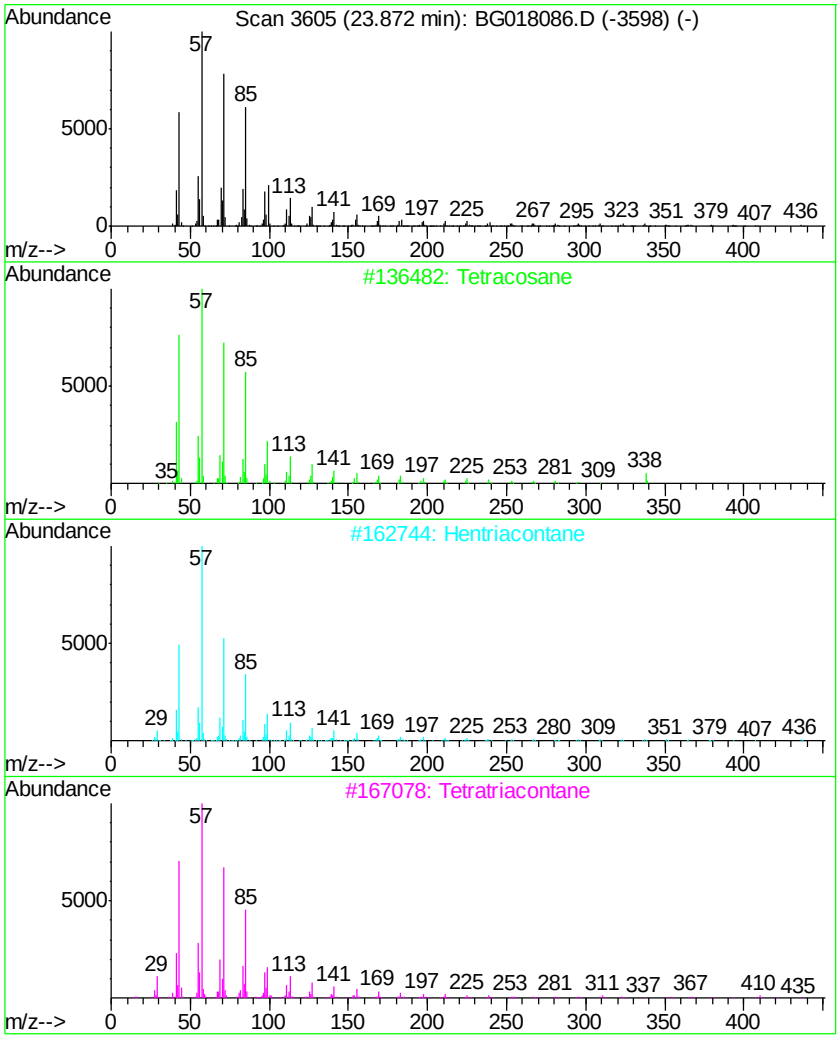
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

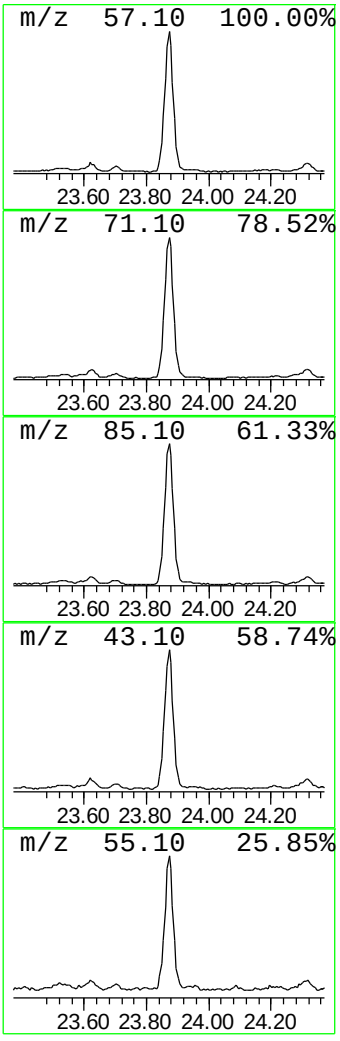
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	40.78 ng/ul	1749780	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Hentriacontane	437	C31H64	000630-04-6	95
3	Tetratriacontane	479	C34H70	014167-59-0	94
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

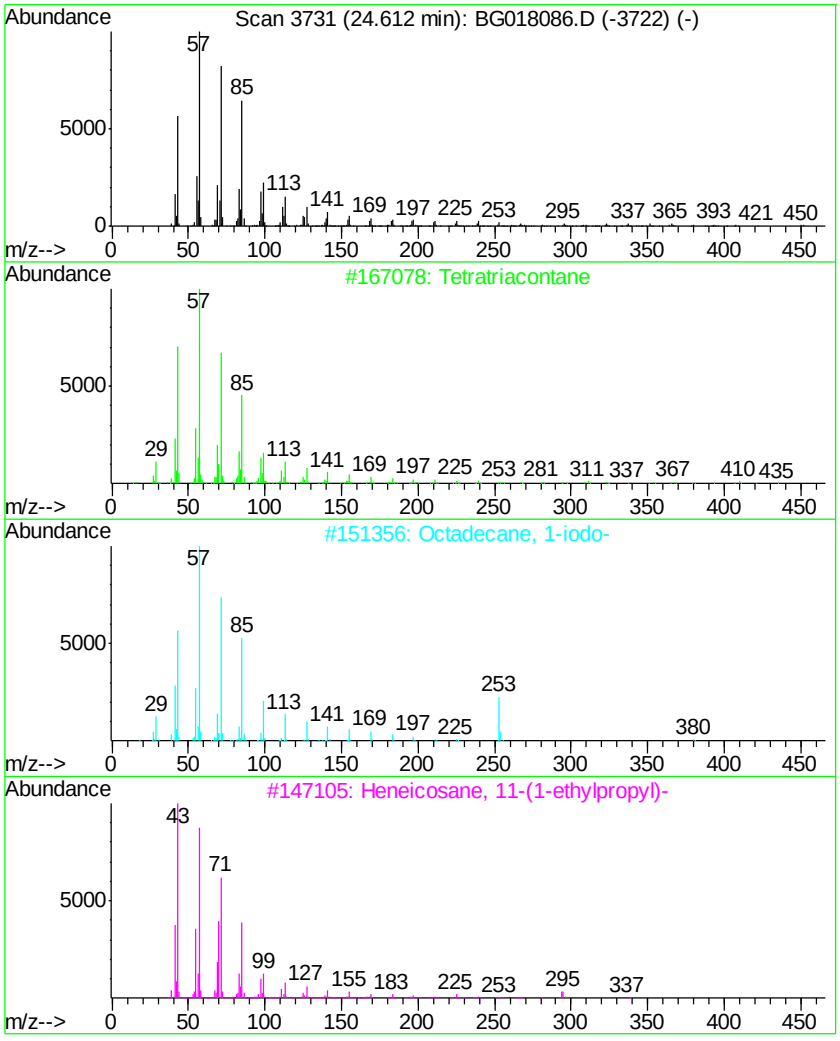
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

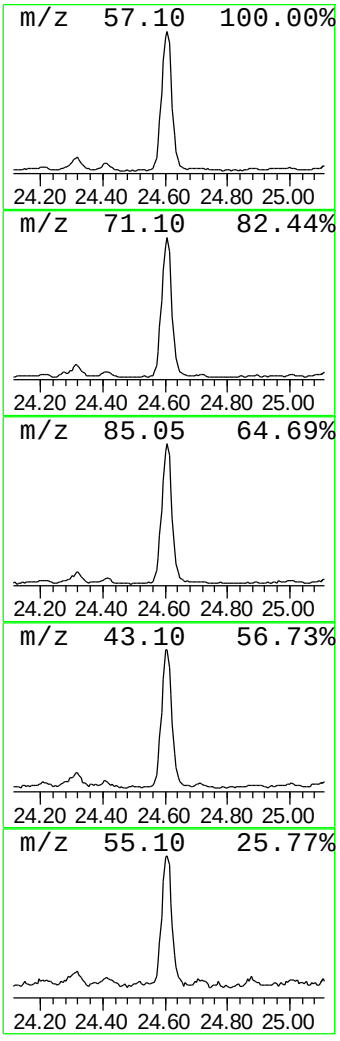
****

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	31.19 ng/ul	1338210	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	94
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	92
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
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Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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

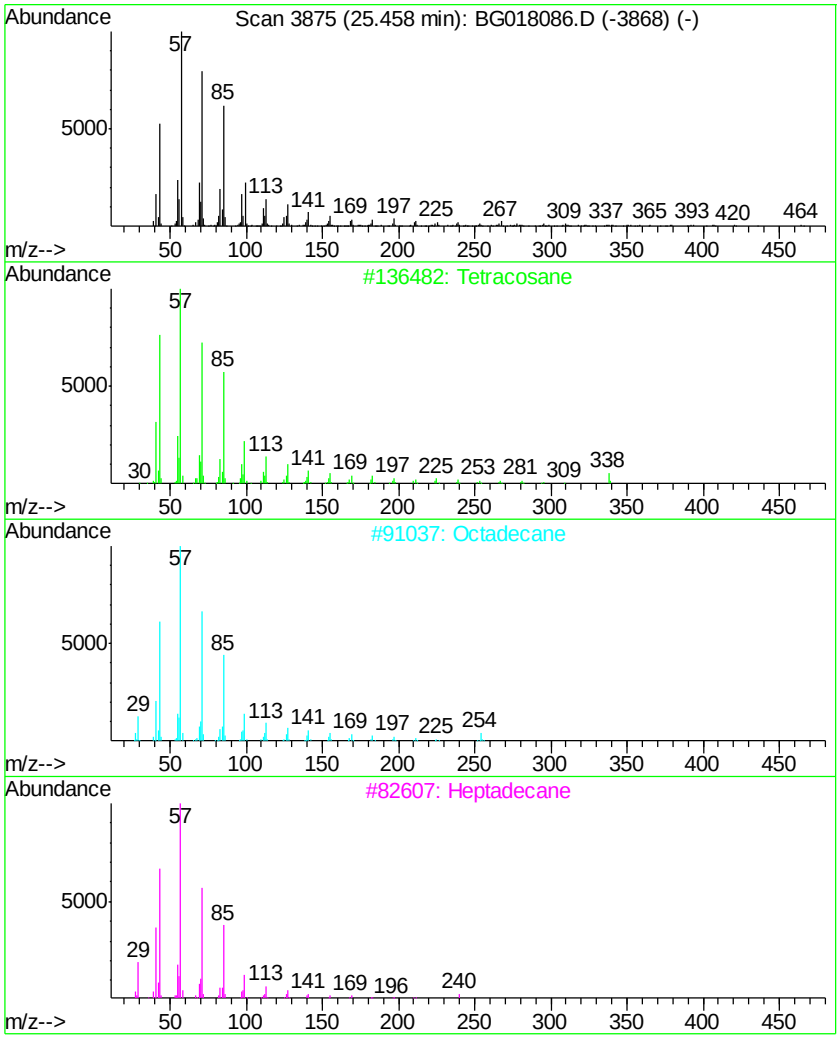
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

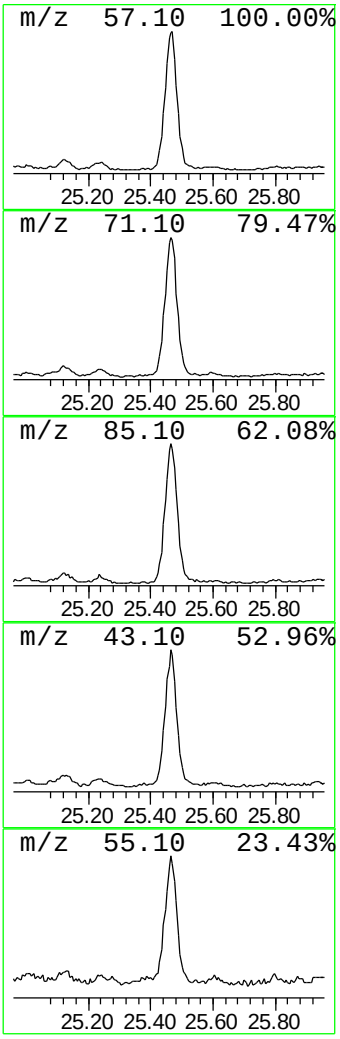
****

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.46	24.60 ng/ul	1055490	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Octadecane	254	C18H38	000593-45-3	96
3	Heptadecane	240	C17H36	000629-78-7	96
4	Eicosane	282	C20H42	000112-95-8	94
5	Tetratriacontane	479	C34H70	014167-59-0	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

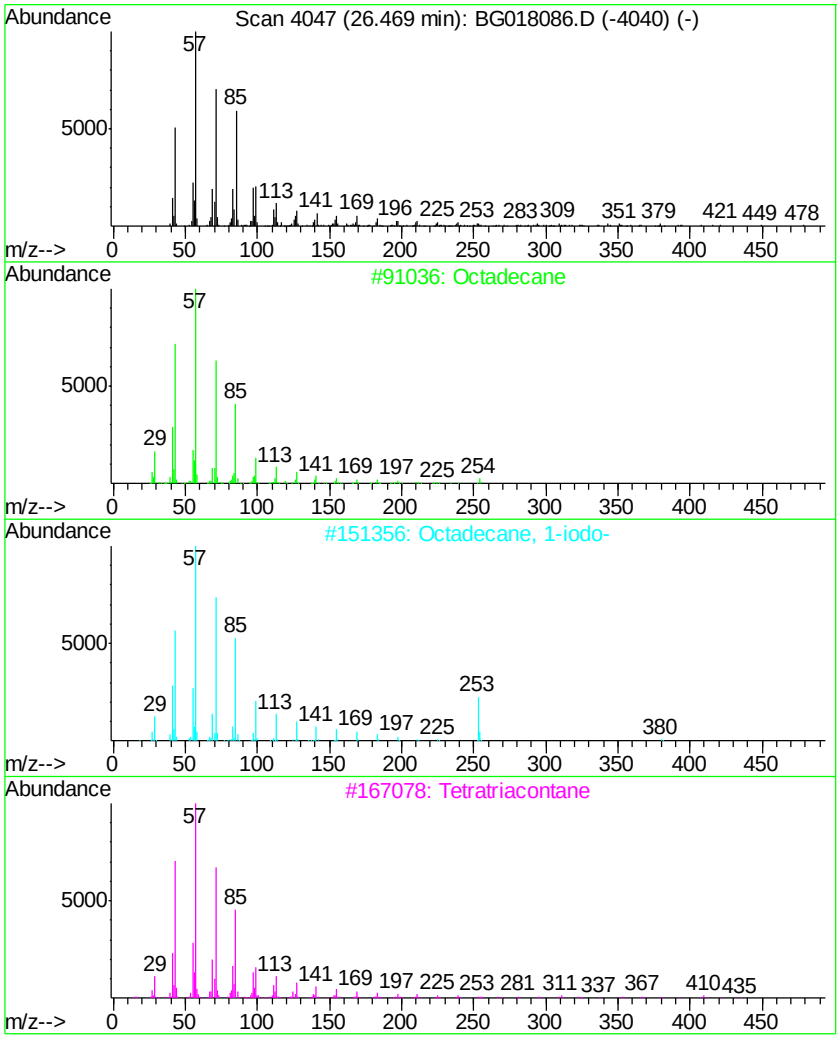
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

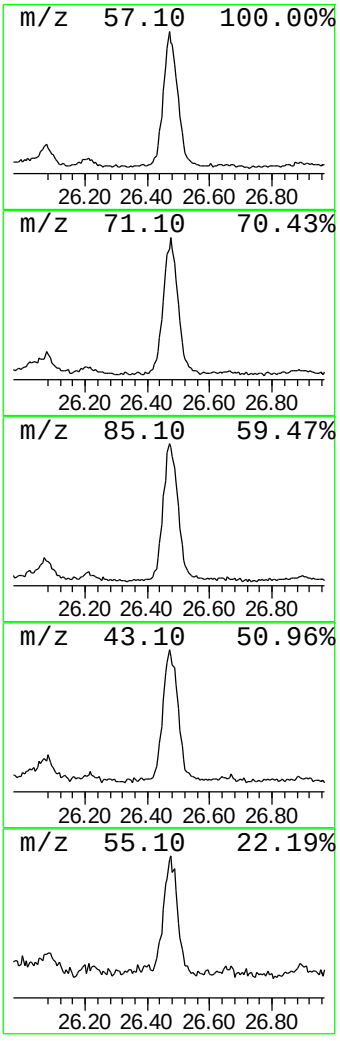
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.47	16.05 ng/ul	688608	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	94
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

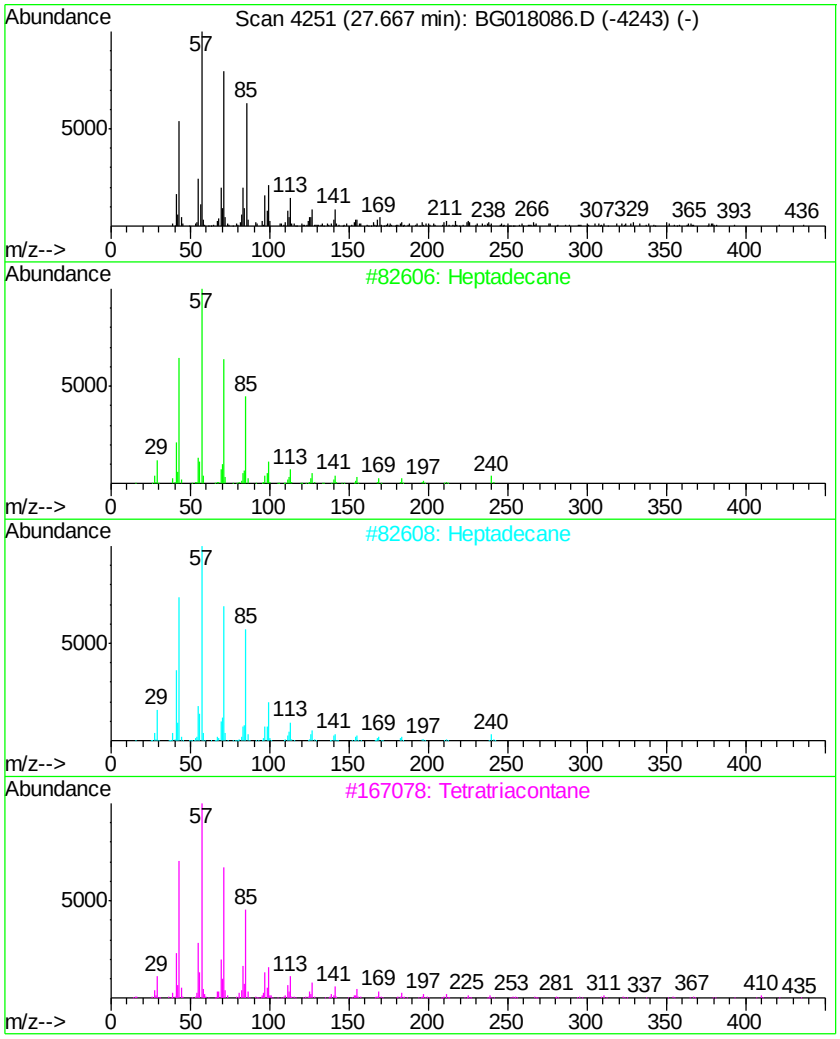
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

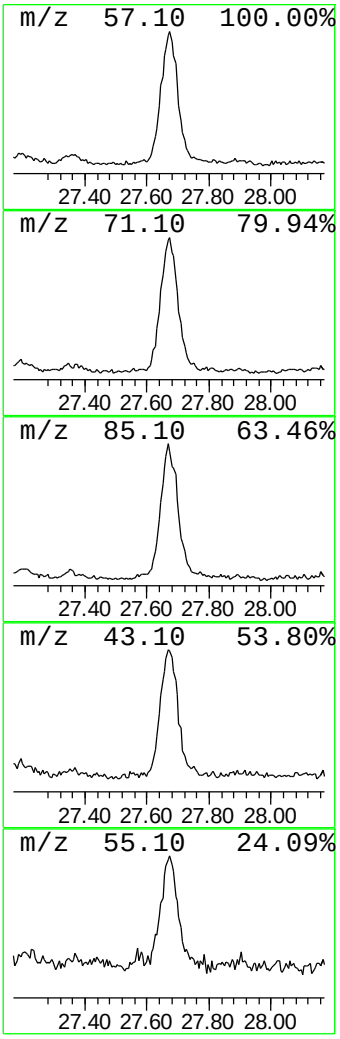
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.67	13.11 ng/ul	562466	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heptadecane	240	C17H36	000629-78-7	94
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9

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
Quinoline, 2-methyl-	12.09	5.7	ng/ul	157550	2	10.29	550673	20.0
Naphthalene, 1-et...	13.20	6.3	ng/ul	329864	3	14.18	1047690	20.0
Naphthalene, 2,6-...	13.34	8.1	ng/ul	421813	3	14.18	1047690	20.0
Naphthalene, 1,3-...	13.50	13.4	ng/ul	703752	3	14.18	1047690	20.0
Naphthalene, 1,4-...	13.55	7.2	ng/ul	377392	3	14.18	1047690	20.0
Naphthalene, 2,3-...	13.74	5.4	ng/ul	281539	3	14.18	1047690	20.0
Thieno[2,3-b]thio...	14.49	3.6	ng/ul	187843	3	14.18	1047690	20.0
Naphthalene, 1,6,...	14.67	3.0	ng/ul	158239	3	14.18	1047690	20.0
Naphthalene, 2,3,...	14.81	2.9	ng/ul	153548	3	14.18	1047690	20.0
Naphthalene, 1,4,...	14.86	2.9	ng/ul	153376	3	14.18	1047690	20.0
Naphthalene, 1,4,...	14.98	2.7	ng/ul	140928	3	14.18	1047690	20.0
Nordiphenamid	15.40	9.7	ng/ul	506372	3	14.18	1047690	20.0
Diphenylmethane	15.49	5.0	ng/ul	262337	3	14.18	1047690	20.0
[1,1'-Biphenyl]-4...	15.53	11.1	ng/ul	583438	3	14.18	1047690	20.0
Dibenzofuran, 4-m...	15.68	17.4	ng/ul	779821	4	16.94	893900	20.0
9H-Fluoren-9-ol	15.77	3.8	ng/ul	170516	4	16.94	893900	20.0
Naphthalene, 1,2,...	15.91	5.7	ng/ul	255420	4	16.94	893900	20.0
Anthracene, 9,10-...	16.03	5.0	ng/ul	223586	4	16.94	893900	20.0
9H-Fluorene, 1-me...	16.25	15.0	ng/ul	671901	4	16.94	893900	20.0
9H-Fluorene, 2-me...	16.29	4.7	ng/ul	208575	4	16.94	893900	20.0
9H-Fluorene, 3-me...	16.39	4.8	ng/ul	215992	4	16.94	893900	20.0
Phenol, 3-(2-phen...	16.47	3.7	ng/ul	166518	4	16.94	893900	20.0
unknown-01	16.52	5.0	ng/ul	225570	4	16.94	893900	20.0
1H-Phenalen-1-one	16.59	5.7	ng/ul	252386	4	16.94	893900	20.0
7-Methoxy-piperon...	16.67	6.7	ng/ul	297932	4	16.94	893900	20.0
Dibenzothiophene	16.76	19.6	ng/ul	878286	4	16.94	893900	20.0
Benzo[h]quinoline	17.13	5.9	ng/ul	263420	4	16.94	893900	20.0
Dibenzo[a,e]cyclo...	17.46	3.9	ng/ul	175161	4	16.94	893900	20.0
Phenanthrene, 2-m...	17.81	19.4	ng/ul	868020	4	16.94	893900	20.0
Phenanthrene, 1-m...	17.86	23.7	ng/ul	1060640	4	16.94	893900	20.0
(DEL) Alkane: Str...	20.88	4.9	ng/ul	608259	5	21.14	2462880	20.0
(DEL) Alkane: Str...	21.31	7.3	ng/ul	904177	5	21.14	2462880	20.0
(DEL) Alkane: Str...	21.73	10.0	ng/ul	1236020	5	21.14	2462880	20.0
(DEL) Alkane: Str...	22.19	12.3	ng/ul	1519680	5	21.14	2462880	20.0
(DEL) Alkane: Str...	23.87	40.8	ng/ul	1749780	6	23.33	858061	20.0
(DEL) Alkane: Str...	24.61	31.2	ng/ul	1338210	6	23.33	858061	20.0
(DEL) Alkane: Str...	25.46	24.6	ng/ul	1055490	6	23.33	858061	20.0
(DEL) Alkane: Str...	26.47	16.1	ng/ul	688608	6	23.33	858061	20.0
(DEL) Alkane: Str...	27.67	13.1	ng/ul	562466	6	23.33	858061	20.0