LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

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-BG080515.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	6.651	667	674	681	rBV	139625	230545	3.42%	0.282%
2	6.780	689	696	702	rBV	102784	159228	2.37%	0.195%
3	6.980	724	730	737	rVV	149225	240035	3.57%	0.294%
4	7.438	798	808	814	rBV	152582	250775	3.73%	0.307%
5	8.178	928	934	940	rBV	126920	196908	2.93%	0.241%
6	8.595	999	1005	1014	rVV	154935	251626	3.74%	0.308%
7	9.312	1120	1127	1134	rBV2	150695	251246	3.73%	0.308%
8	9.864	1215	1221	1229	rBV	191197	322380	4.79%	0.395%
9	10.223	1275	1282	1286	rBV	222009	374826	5.57%	0.459%
10	10.270	1286	1290	1297	rVB	145718	227933	3.39%	0.279%
11	11.903	1557	1568	1574	rVB	134431	217628	3.23%	0.267%
12	12.127	1600	1606	1612	rBV2	96443	143093	2.13%	0.175%
13	12.943	1741	1745	1751	rVV2	69105	111408	1.66%	0.136%
14	13.143	1773	1779	1788	rVB2	47437	106050	1.58%	0.130%
15	13.278	1795	1802	1803	rBV2	63727	99267	1.47%	0.122%
16	13.437	1823	1829	1834	rVV2	120863	210162	3.12%	0.257%
17	13.490	1834	1838	1841	rVV	77608	109111	1.62%	0.134%
18	13.537	1841	1846	1850	rVV	355803	494335	7.34%	0.605%
19	13.584	1850	1854	1863	rVV	148208	241299	3.58%	0.295%
20	13.678	1863	1870	1873	rVV3	54232	96477	1.43%	0.118%
21	13.807	1887	1892	1897	rBV	323528	510827	7.59%	0.626%
22	14.124	1935	1946	1951	rVV3	312572	561437	8.34%	0.688%
23	14.189	1951	1957	1965	rVB	518023	776241	11.53%	0.951%
24	14.336	1977	1982	1987	rBV3	47318	109030	1.62%	0.134%
25	14.389	1987	1991	1995	rVV	76048	126448	1.88%	0.155%
26	14.436	1995	1999	2003	rVB2	97229	144609	2.15%	0.177%
27	14.524	2008	2014	2020	rVV	335710	539937	8.02%	0.661%
28	14.912	2075	2080	2085	rBV6	51277	111853	1.66%	0.137%
29	15.123	2111	2116	2121	rVB	376302	527320	7.83%	0.646%
30	15.182	2121	2126	2131	rBV	687237	929819	13.81%	1.139%
31	15.282	2138	2143	2144	rBV3	115654	158127	2.35%	0.194%
32	15.305	2145	2147	2150	rVB	93039	94441	1.40%	0.116%
33	15.346	2150	2154	2158	rBV3	115690	195934	2.91%	0.240%
34	15.393	2158	2162	2166	rBV6	89472	150280	2.23%	0.184%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

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-BG080515.M
Title : SVOA CALIBRATION

35	15.476	2172	2176	2185	rVB	171375	314662	4.67%	0.385%
36	15.622	2197	2201	2209	rVB	128758	268537	3.99%	0.329%
37	15.711	2210	2216	2224	rVB6	42267	111156	1.65%	0.136%
38	15.863	2238	2242	2243	rBV4	87652	101498	1.51%	0.124%
39	15.887	2243	2246	2252	rVB2	149884	212706	3.16%	0.260%
40	15.981	2258	2262	2268	rBV3	73157	127235	1.89%	0.156%
41	16.040	2268	2272	2278	rBV4	75593	139235	2.07%	0.171%
42	16.098	2278	2282	2286	rBV2	73736	104213	1.55%	0.128%
43	16.187	2291	2297	2302	rVV4	137201	297303	4.42%	0.364%
44	16.239	2302	2306	2312	rVB4	107393	161813	2.40%	0.198%
45	16.316	2312	2319	2321	rBV8	61284	140254	2.08%	0.172%
46	16.539	2354	2357	2365	rVB3	61734	91317	1.36%	0.112%
47	16.633	2367	2373	2374	rVV3	90631	166713	2.48%	0.204%
48	16.657	2374	2377	2380	rVV2	160195	221167	3.29%	0.271%
49	16.704	2380	2385	2393	rVV	338911	534886	7.95%	0.655%
50	16.886	2412	2416	2419	rBV	237874	369125	5.48%	0.452%
51	16.944	2419	2426	2430	rVV	4036796	6271108	93.16%	7.680%
52	16.986	2430	2433	2436	rVV2	353734	497187	7.39%	0.609%
53	17.021	2436	2439	2444	rVV	982273	1279085	19.00%	1.566%
54	17.080	2444	2449	2454	rVB2	100815	179529	2.67%	0.220%
55	17.297	2482	2486	2491	rBV	136051	207250	3.08%	0.254%
56	17.403	2501	2504	2508	rBV2	81577	100915	1.50%	0.124%
57	17.467	2511	2515	2518	rBV	112070	167684	2.49%	0.205%
58	17.538	2523	2527	2531	rVV	231972	304403	4.52%	0.373%
59	17.608	2535	2539	2545	rVB	101893	181700	2.70%	0.223%
60	17.767	2559	2566	2570	rBV	588828	874860	13.00%	1.071%
61	17.814	2570	2574	2580	rVV2	1155772	1649027	24.50%	2.019%
62	17.867	2580	2583	2585	rVV	122885	161784	2.40%	0.198%
63	17.896	2585	2588	2593	rVV	267923	374333	5.56%	0.458%
64	17.961	2593	2599	2603	rVV2	1025237	1709424	25.39%	2.093%
65	17.996	2603	2605	2613	rVB	413444	520509	7.73%	0.637%
66	18.178	2631	2636	2642	rBV3	345789	566937	8.42%	0.694%
67	18.272	2648	2652	2656	rVB	347321	431979	6.42%	0.529%
68	18.319	2656	2660	2665	rVB2	126101	179135	2.66%	0.219%
69	18.519	2688	2694	2699	rVB	3994681	5130272	76.21%	6.283%
70	18.578	2701	2704	2708	rVB	74700	100913	1.50%	0.124%
71	18.654	2713	2717	2721	rBV	767115	952149	14.14%	1.166%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

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-BG080515.M
Title : SVOA CALIBRATION

72	18.701	2721	2725	2729	rBV	140480	201969	3.00%	0.247%
73	18.842	2744	2749	2757	rVB7	128313	332611	4.94%	0.407%
74	18.977	2765	2772	2776	rBV	3409059	5341466	79.35%	6.541%
75	19.030	2776	2781	2785	rVB	3086240	3947092	58.64%	4.834%
76	19.112	2791	2795	2800	rVB4	311405	396400	5.89%	0.485%
77	19.342	2824	2834	2841	rBV2	3643413	6731366	100.00%	8.243%
78	19.406	2842	2845	2850	rVB3	122542	197477	2.93%	0.242%
79	19.512	2859	2863	2868	rVV	207018	298899	4.44%	0.366%
80	19.577	2869	2874	2879	rVB2	534534	791101	11.75%	0.969%
81	19.759	2900	2905	2908	rVB	772406	911140	13.54%	1.116%
82	19.841	2908	2919	2924	rBV	571152	1280575	19.02%	1.568%
83	19.935	2931	2935	2939	rBV	487252	596305	8.86%	0.730%
84	19.994	2943	2945	2949	rVB	246359	286238	4.25%	0.351%
85	20.135	2966	2969	2970	rBV	102926	100067	1.49%	0.123%
86	20.358	3005	3007	3012	rVB	195763	216574	3.22%	0.265%
87	20.787	3077	3080	3082	rBV	237306	241218	3.58%	0.295%
88	20.828	3082	3087	3092	rVB3	835575	1164737	17.30%	1.426%
89	21.028	3118	3121	3124	rBV	267072	309564	4.60%	0.379%
90	21.098	3128	3133	3137	rVV2	1879194	3174632	47.16%	3.888%
91	21.145	3137	3141	3150	rVB	1634254	2355046	34.99%	2.884%
92	21.263	3157	3161	3165	rBV	1438222	1426210	21.19%	1.747%
93	21.686	3229	3233	3240	rVB2	1865365	2017129	29.97%	2.470%
94	21.833	3255	3258	3261	rBV2	213934	303747	4.51%	0.372%
95	22.132	3305	3309	3315	rVB	1788738	2206168	32.77%	2.702%
96	22.626	3387	3393	3400	rBV2	2719046	5387496	80.04%	6.598%
97	23.102	3470	3474	3478	rBV	483876	756327	11.24%	0.926%
98	23.172	3479	3486	3488	rBV2	1454962	2521728	37.46%	3.088%
99	23.795	3586	3592	3601	rVB	1155093	2289314	34.01%	2.804%
100	24.512	3708	3714	3721	rVB2	645818	1403056	20.84%	1.718%

Sum of corrected areas: 81658290

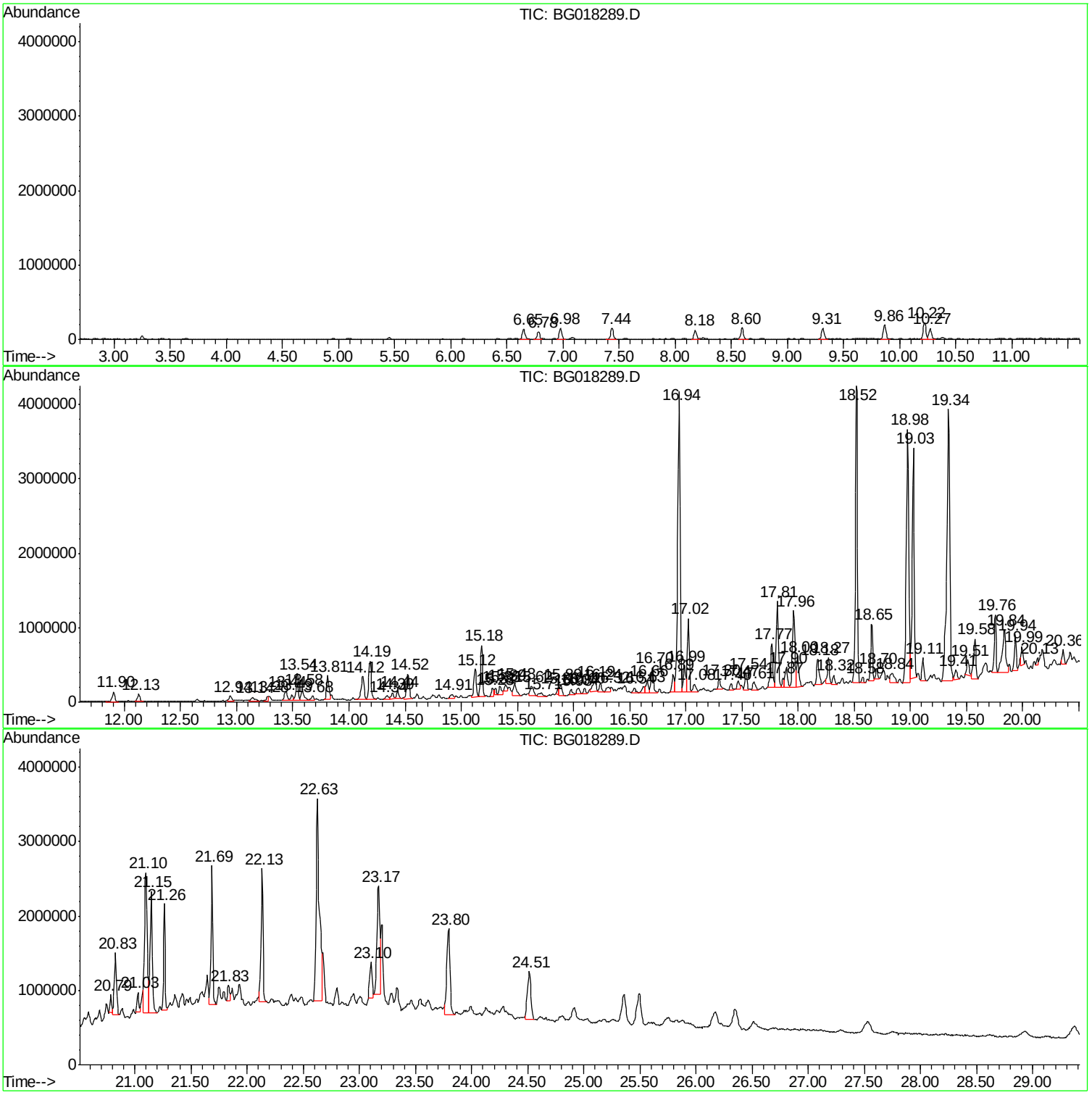
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

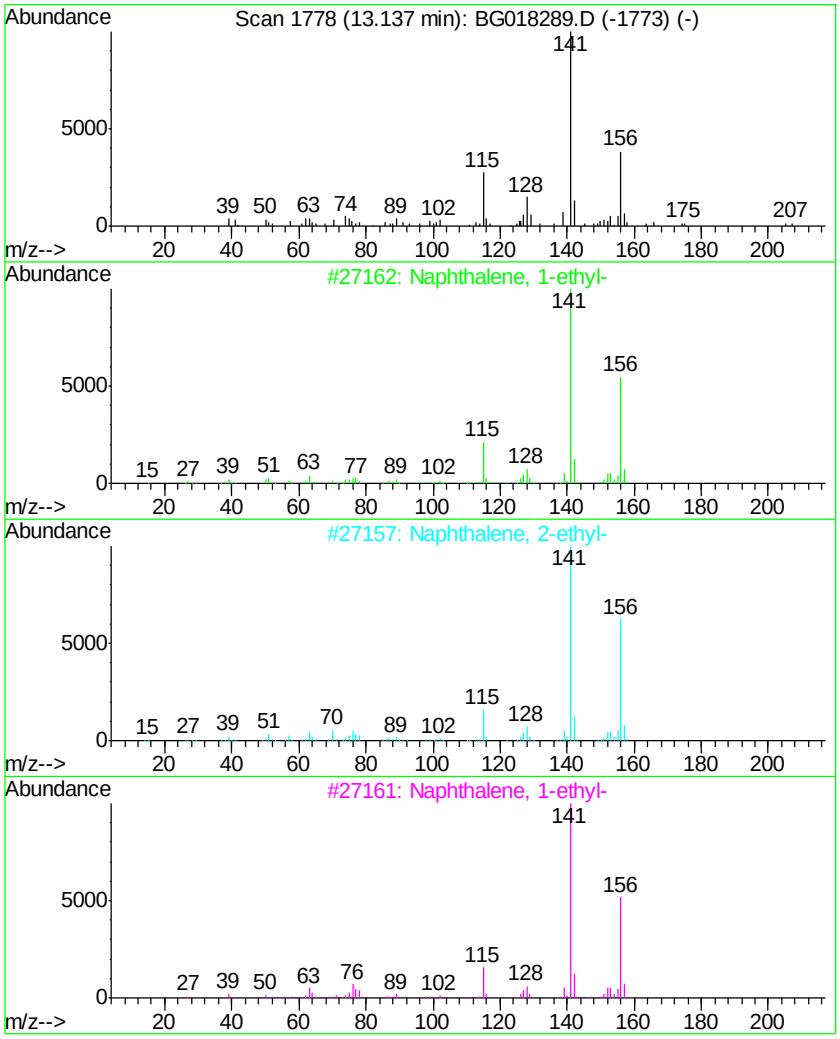
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

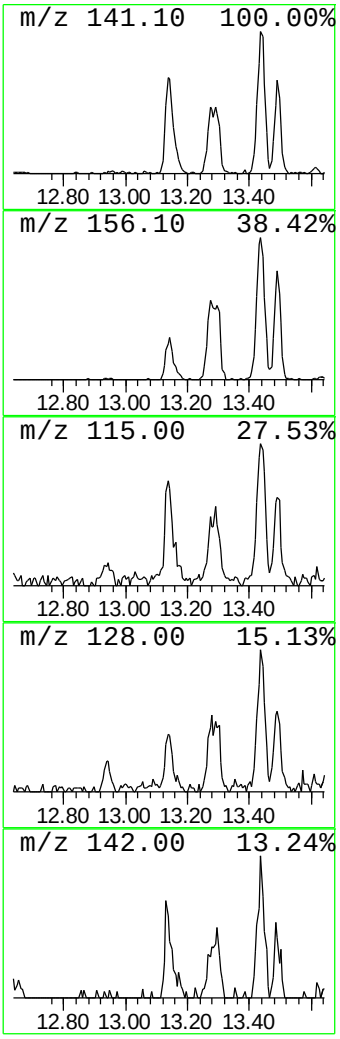
****

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	3.78 ng/ul	106050	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	86
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	86
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

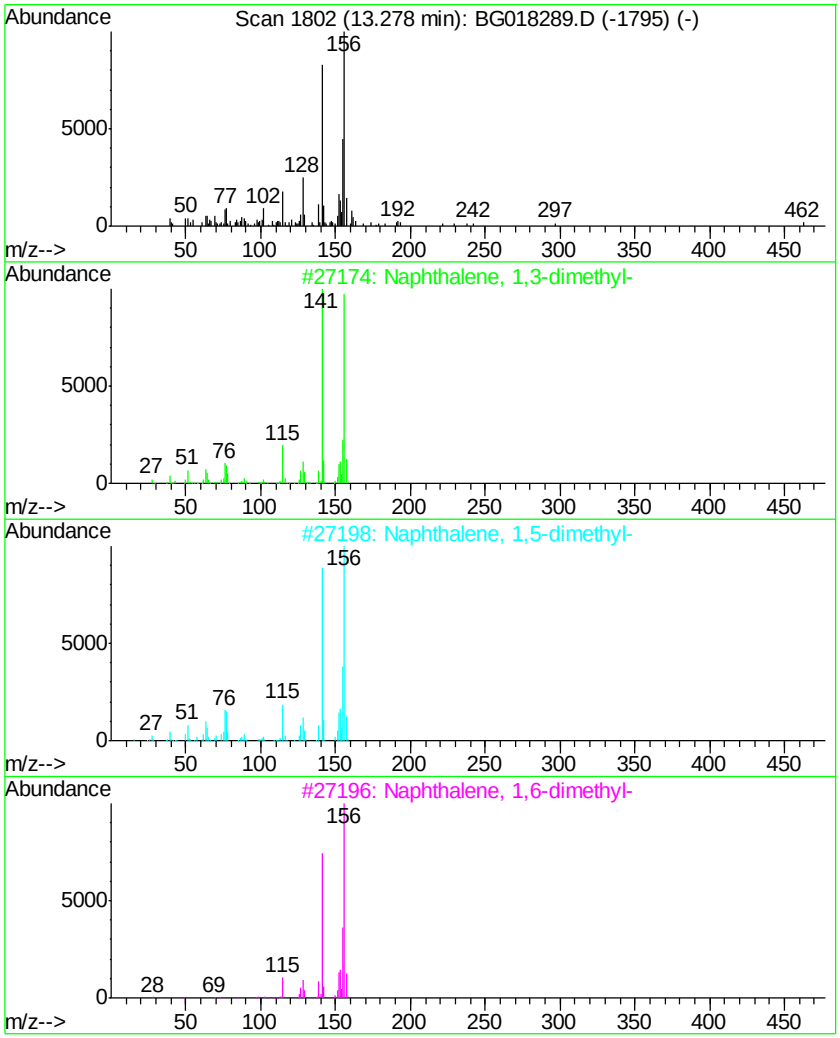
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

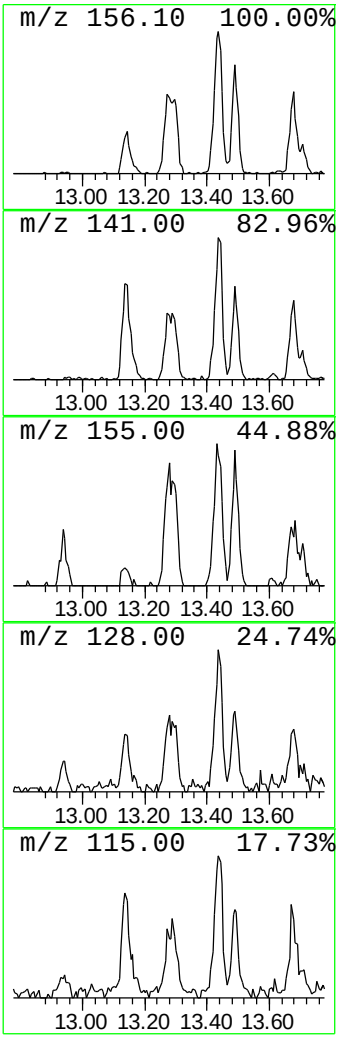
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	3.54 ng/ul	99267	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

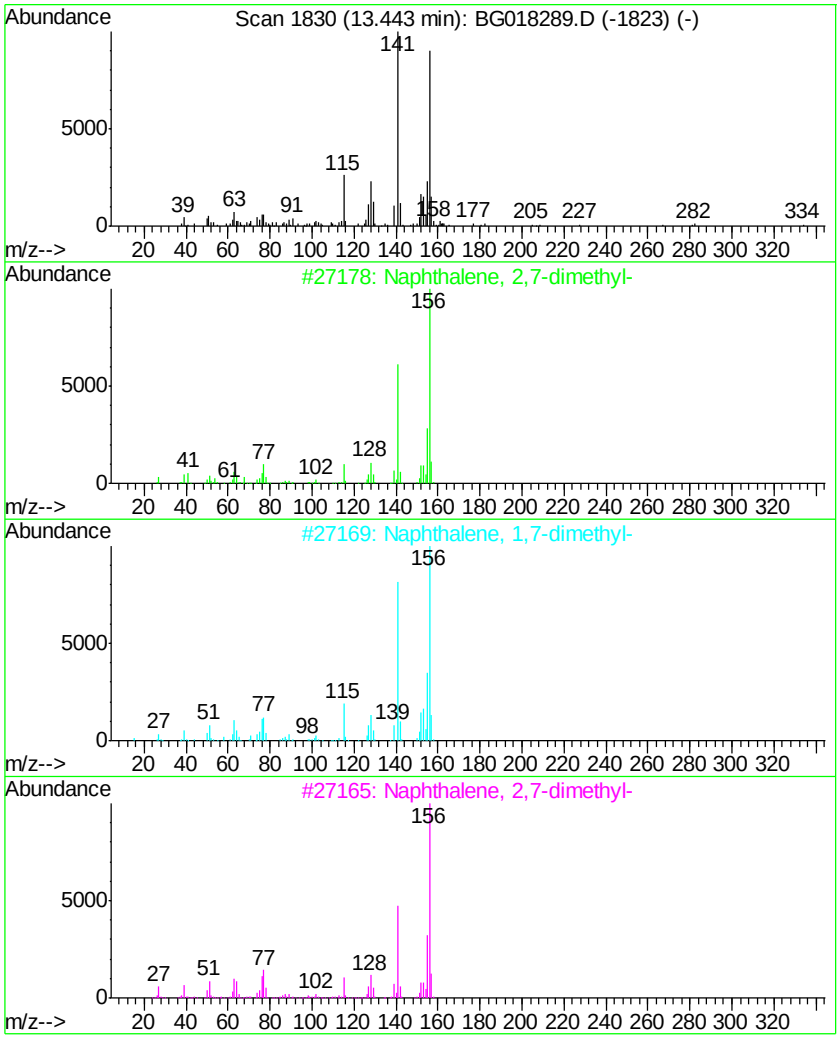
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

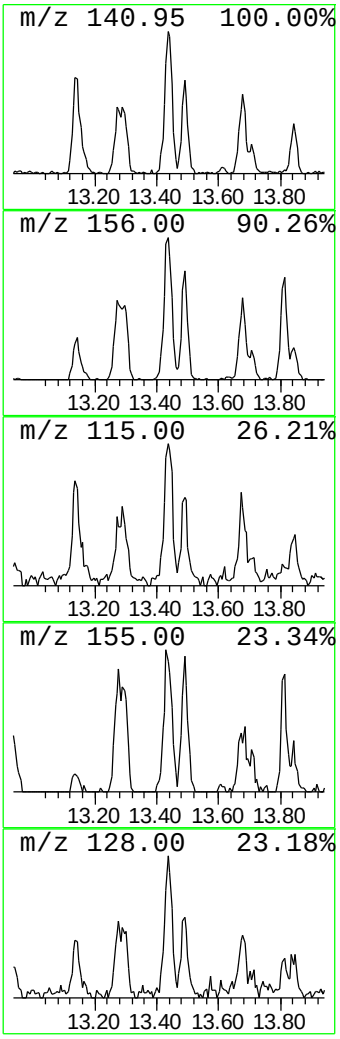
****

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	7.49 ng/ul	210162	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

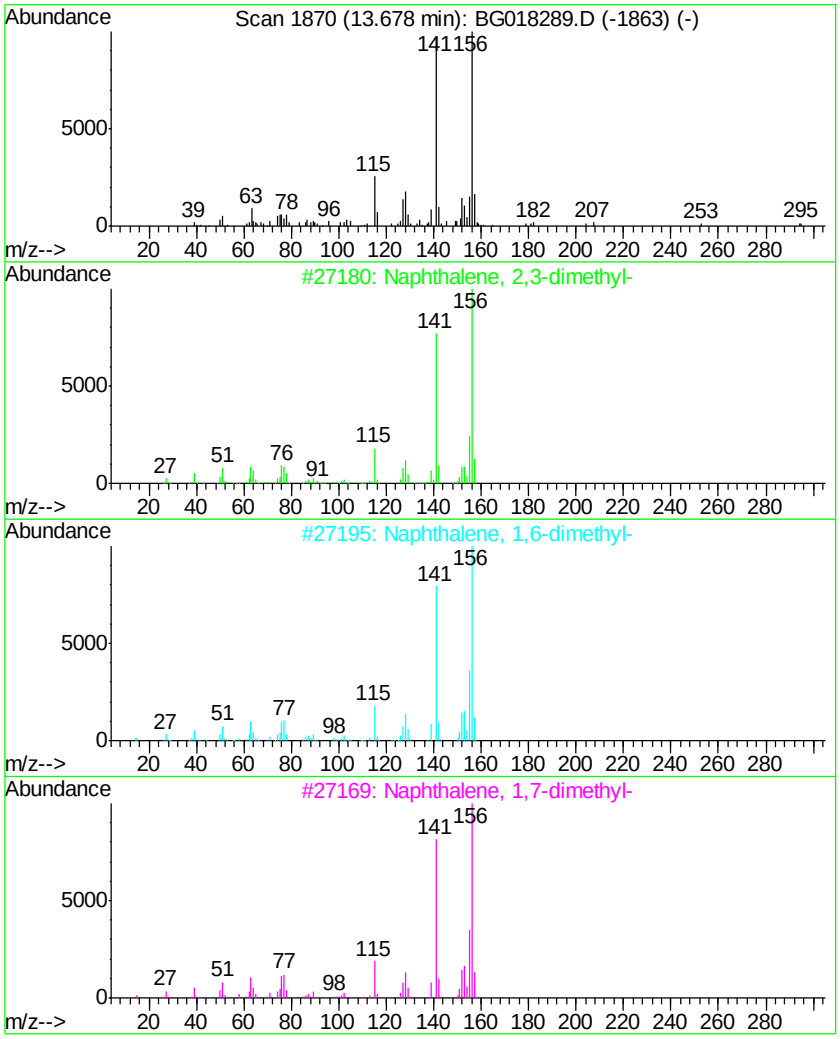
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

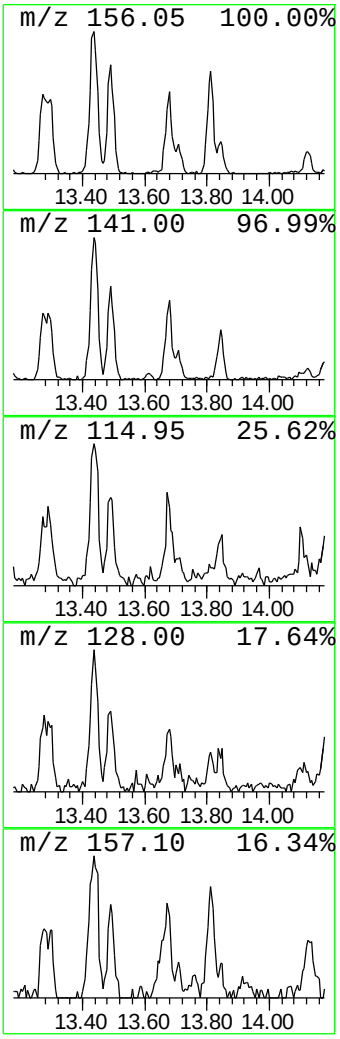
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	3.44 ng/ul	96477	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

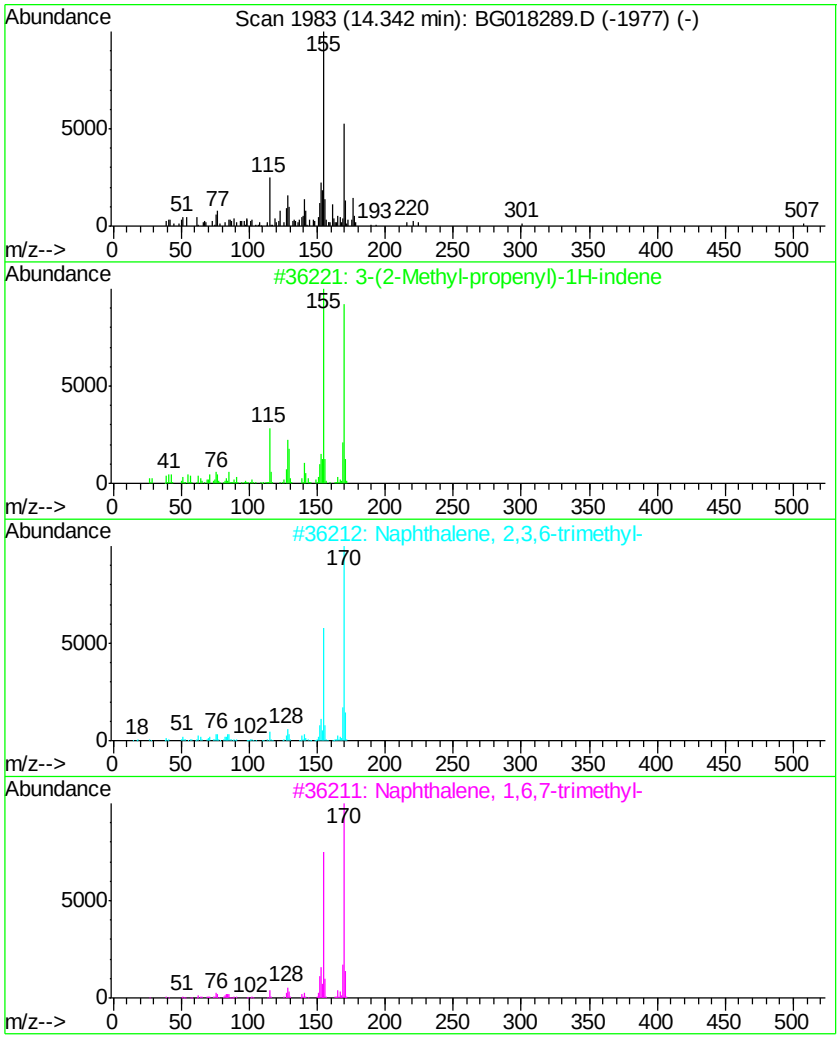
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

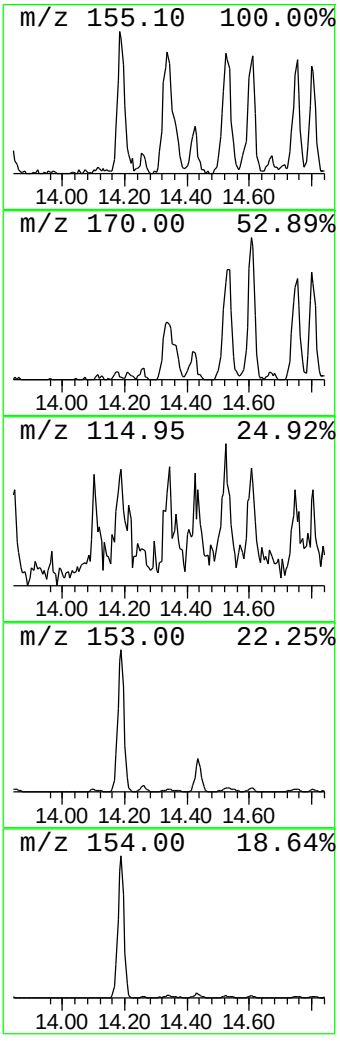
****

Peak Number 5 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.88 ng/ul	109030	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	86





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Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

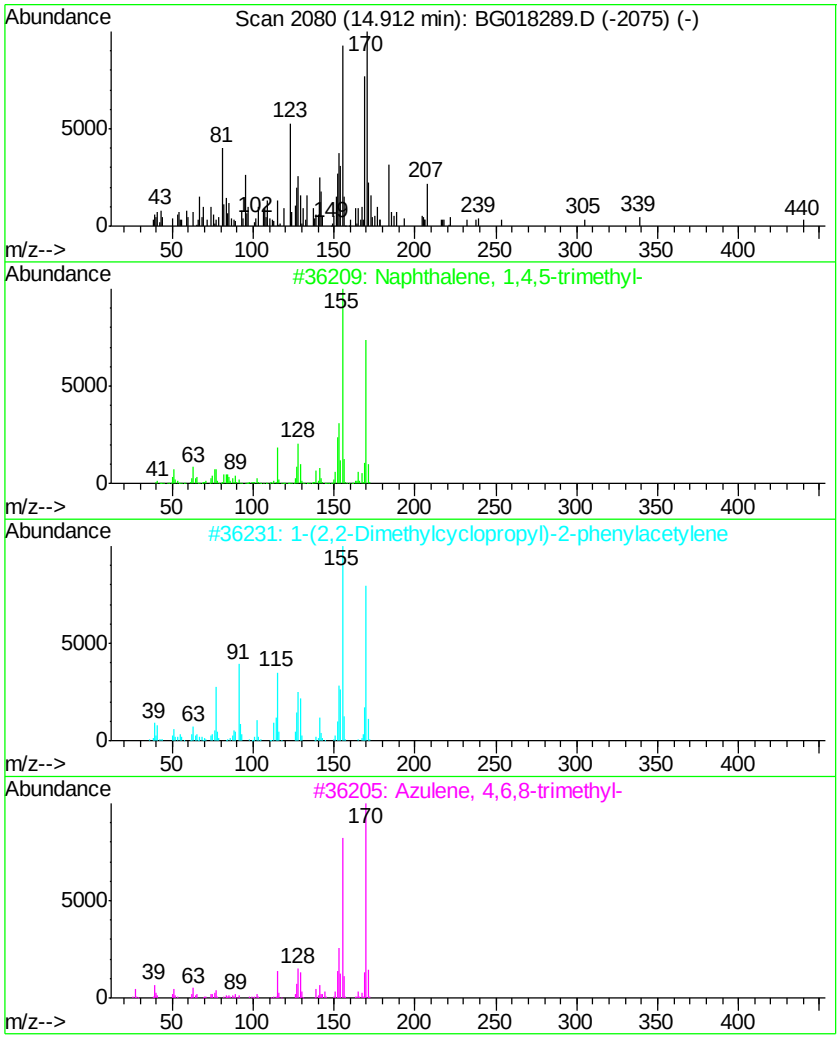
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

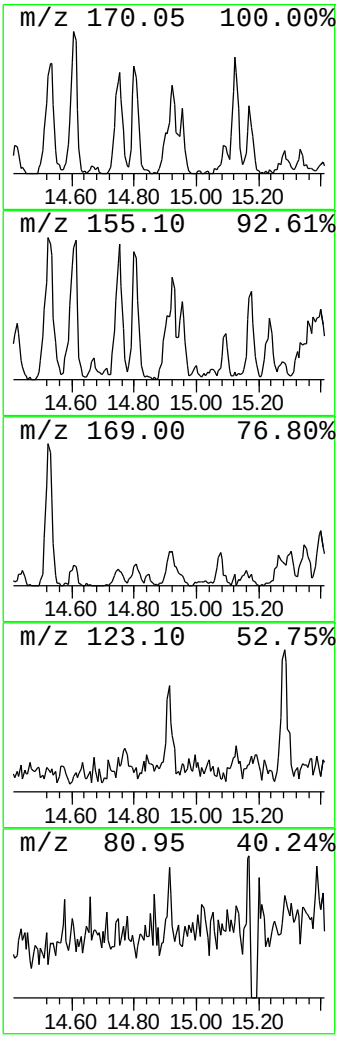
****

Peak Number 6 Naphthalene, 1,4,5-trimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.98 ng/ul	111853	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	55
2	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	55
3	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	49
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	49
5	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	47





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Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

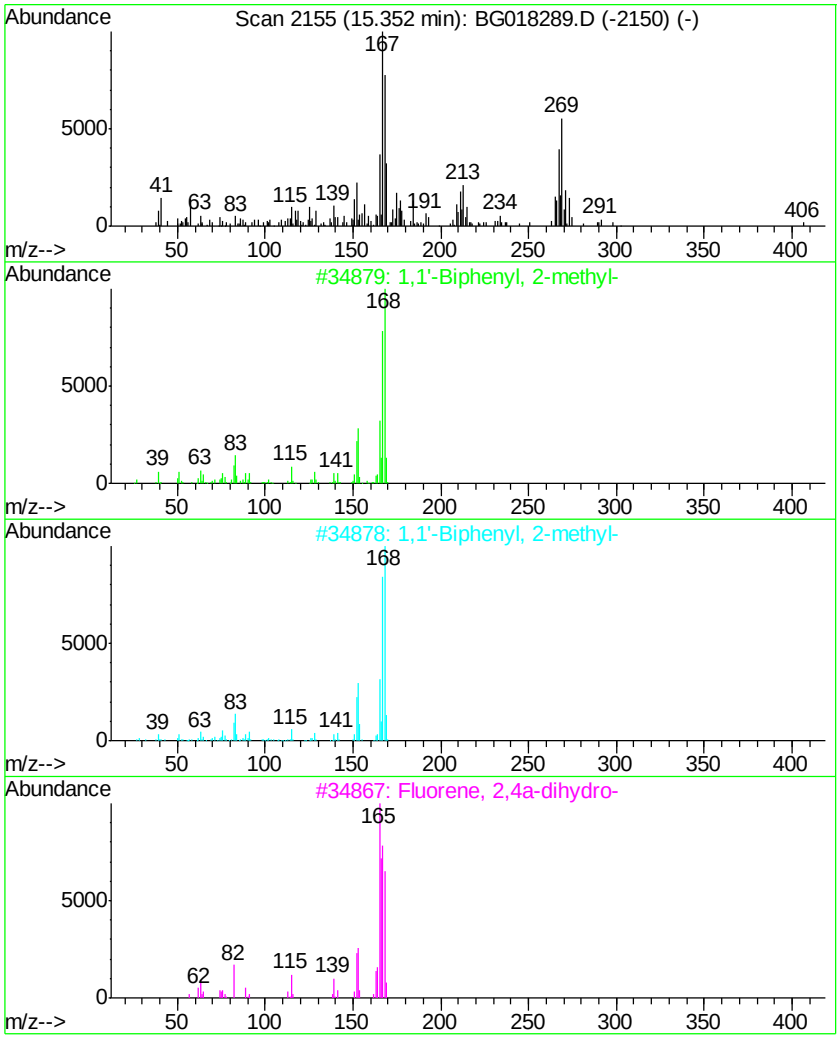
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

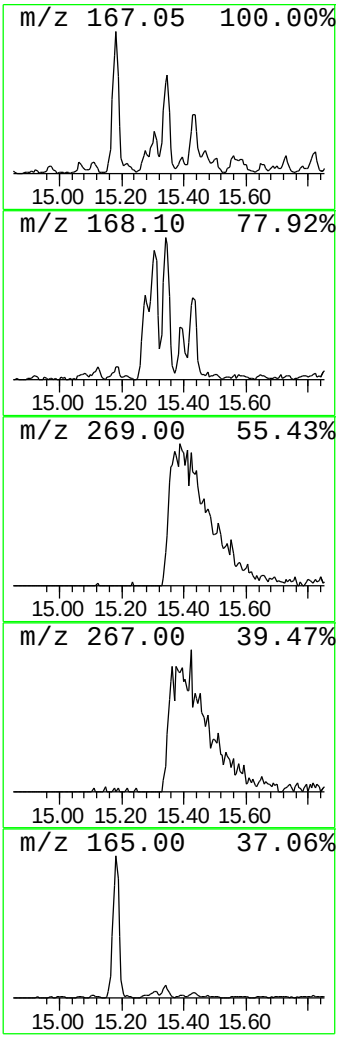
****

Peak Number 7 1,1'-Biphenyl, 2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	6.98 ng/ul	195934	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	49
4	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	49
5	3,4-Dihydroxy-5-methoxybenzaldehyde	168	C8H8O4	003934-87-0	47





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C01W3RE

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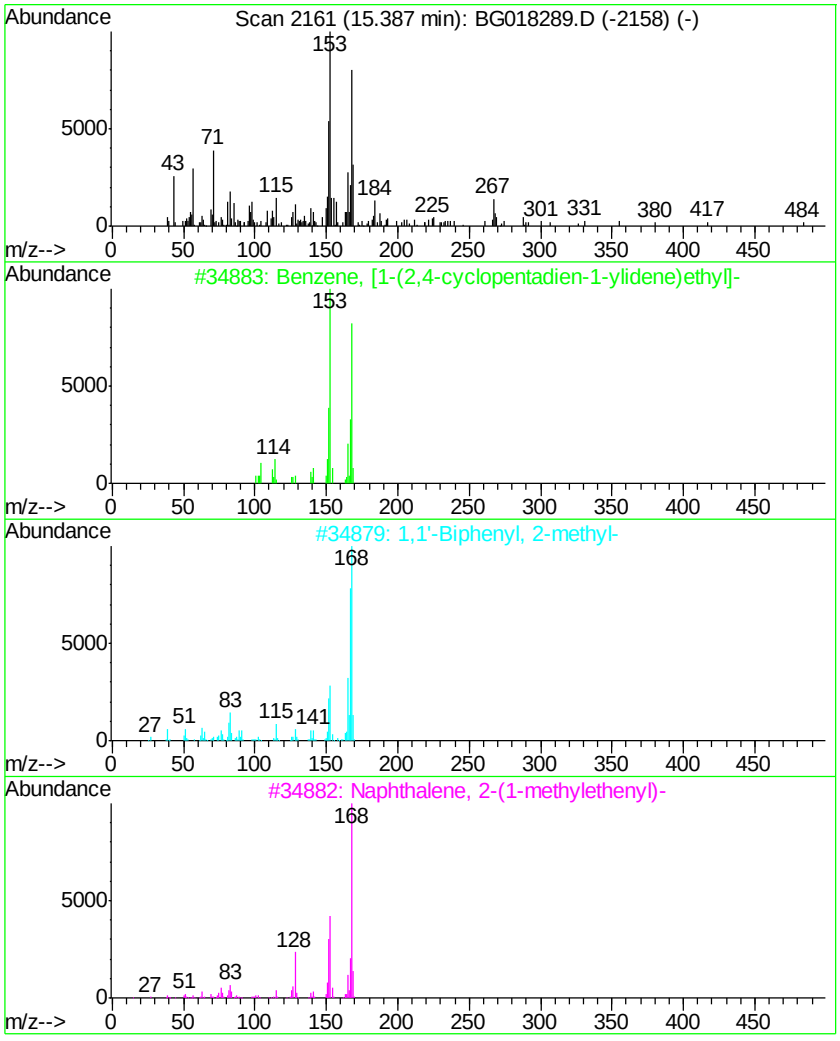
Quant Title : SVOA CALIBRATION

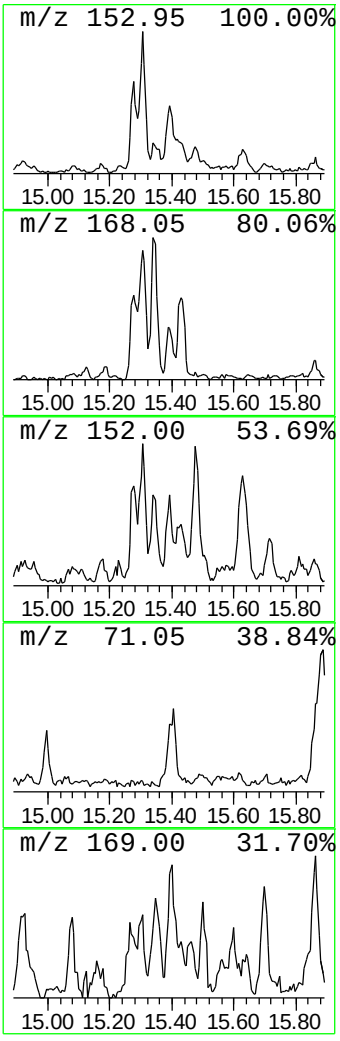
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, [1-(2,4-cyclopenta... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	5.35 ng/ul	150280	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	60
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	37
4	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	30
5	1,1,4,4-Tetramethyl-1,4-disilacy...	168	C8H16Si2	020627-53-6	27





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Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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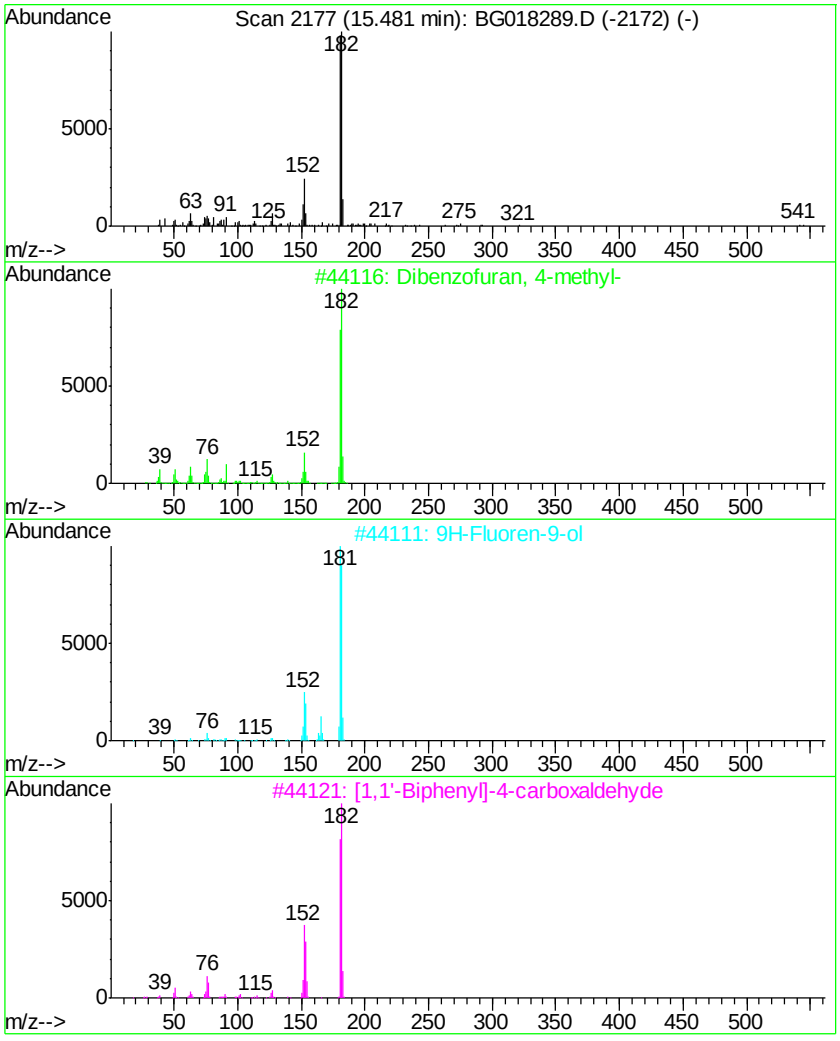
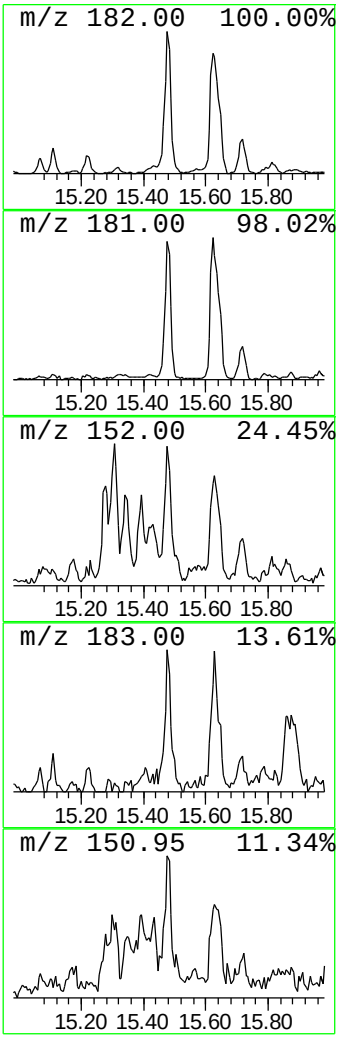
Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	11.21 ng/ul	314662	Acenaphthene-d10	14.12

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	80
4	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	56





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Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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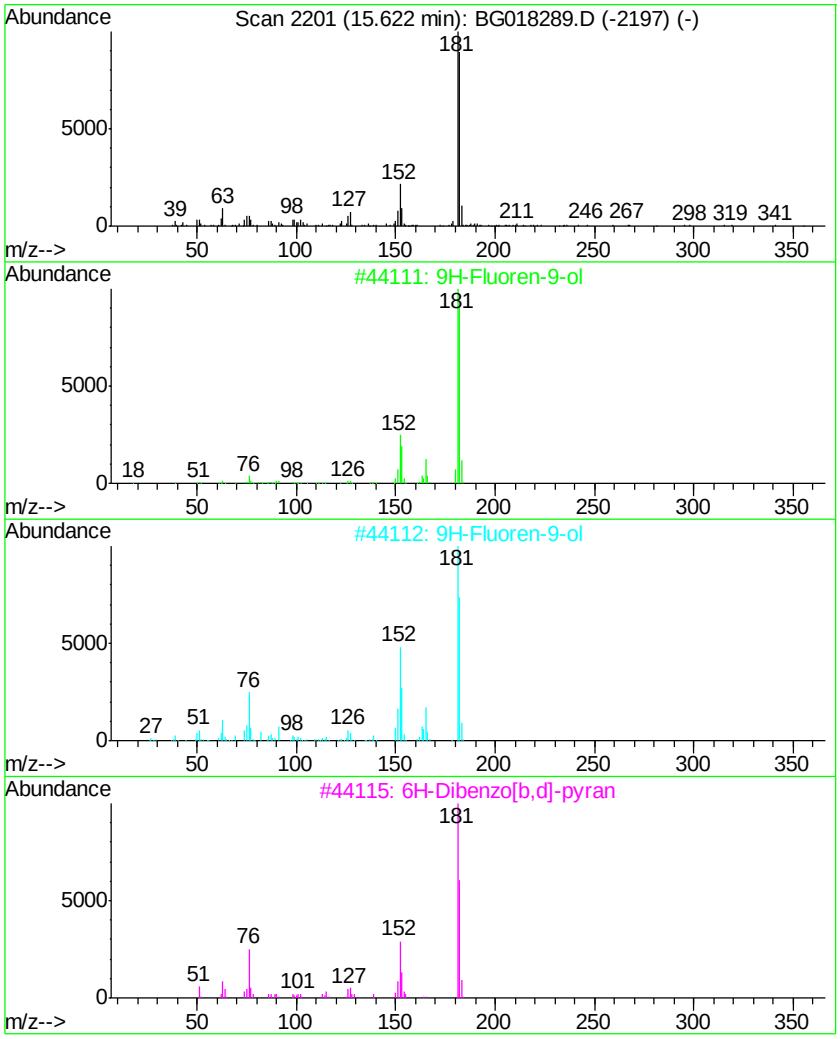
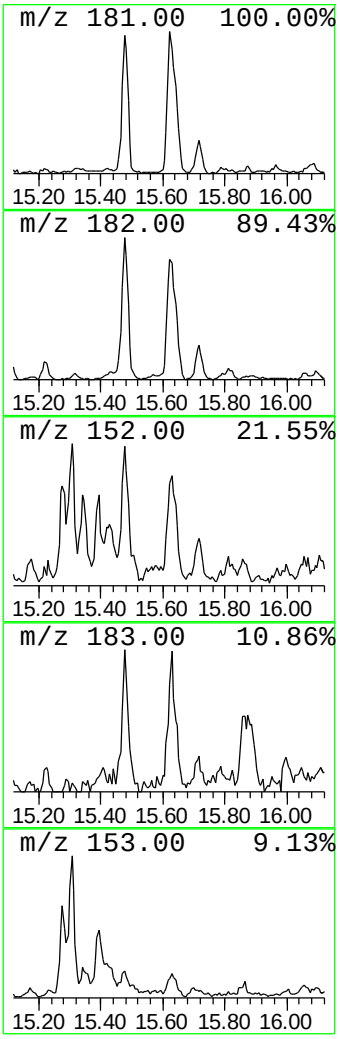
Peak Number 10 9H-Fluoren-9-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	14.55 ng/ul	268537	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	83
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	59





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Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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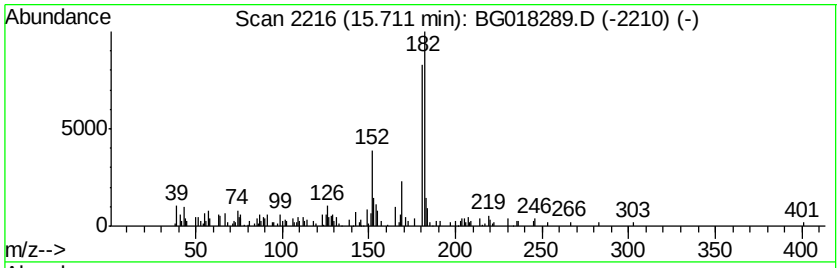
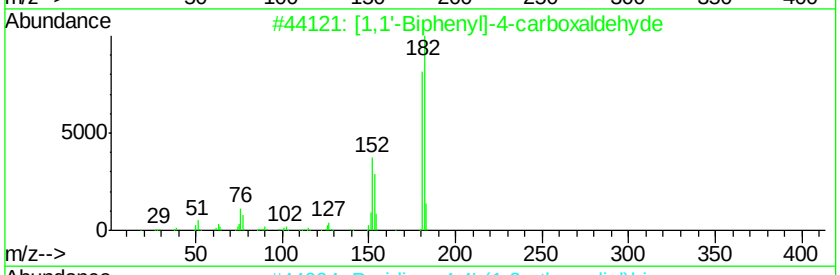
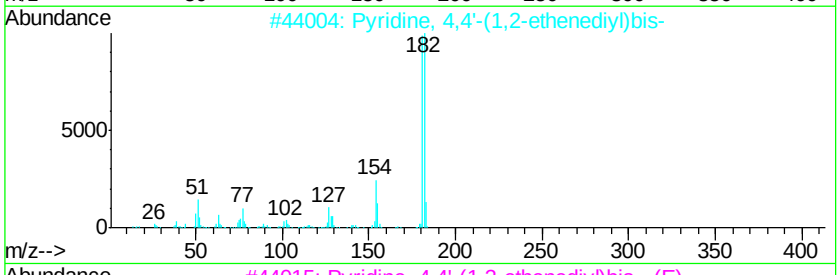
Peak Number 11 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 37

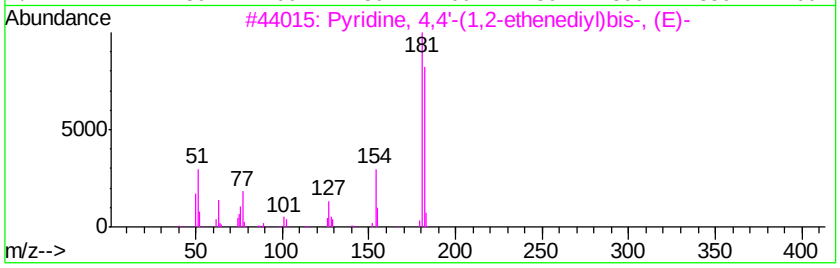
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	6.02 ng/ul	111156	Phenanthrene-d10	16.89

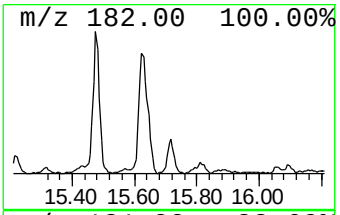
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
2	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	50
3	Pyridine, 4,4'-(1,2-ethenediyl)b...	182	C12H10N2	013362-78-2	49
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	47
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	47

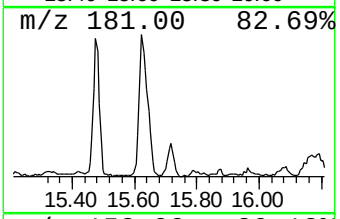


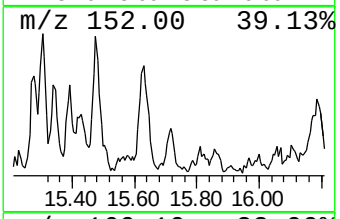


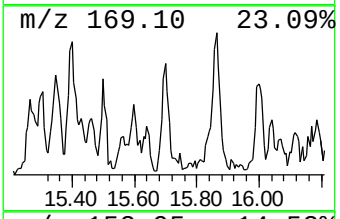


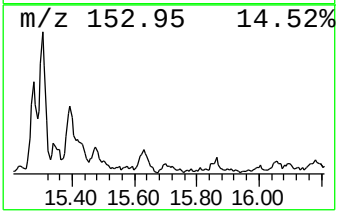












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Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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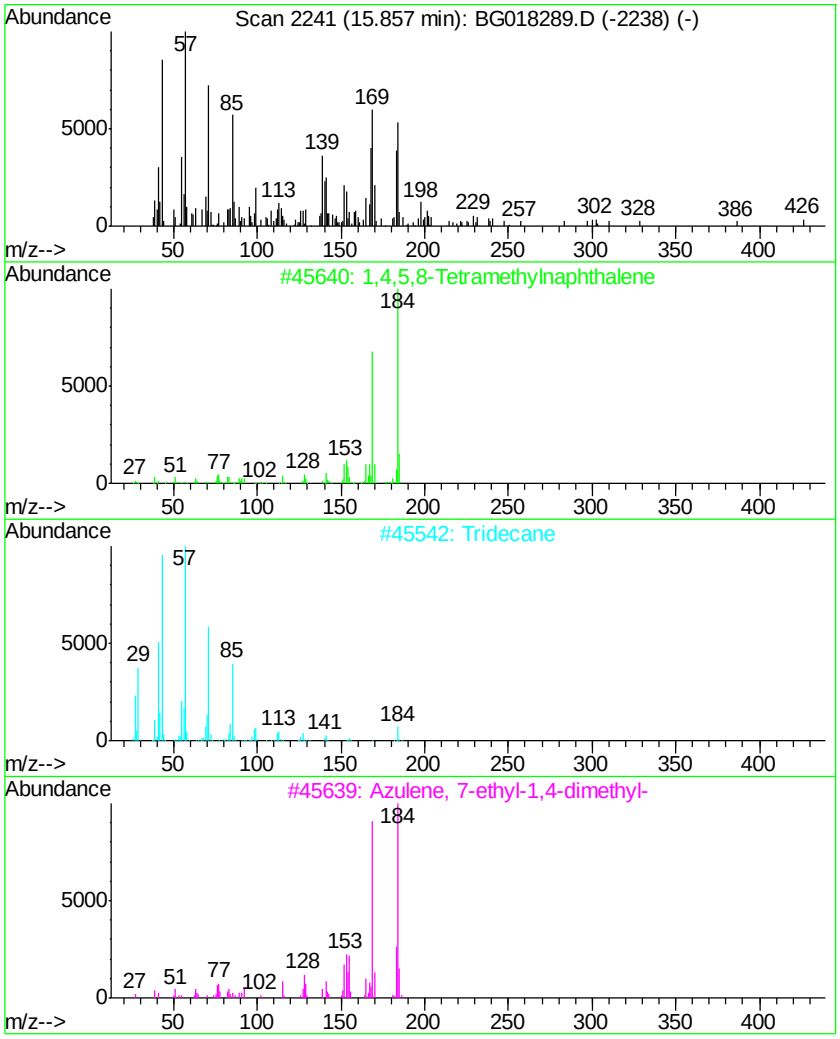
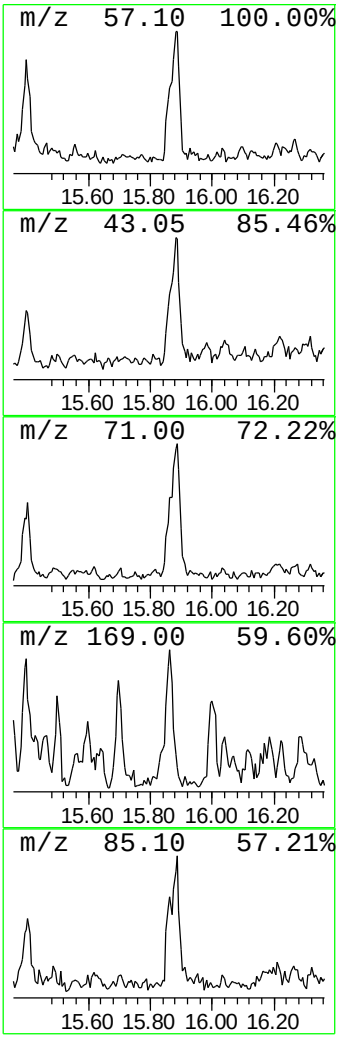
Peak Number 12 unknown15.86 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	5.50 ng/ul	101498	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	38
2	Tridecane	184	C13H28	000629-50-5	38
3	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	38
4	Tetradecane	198	C14H30	000629-59-4	30
5	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	30





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Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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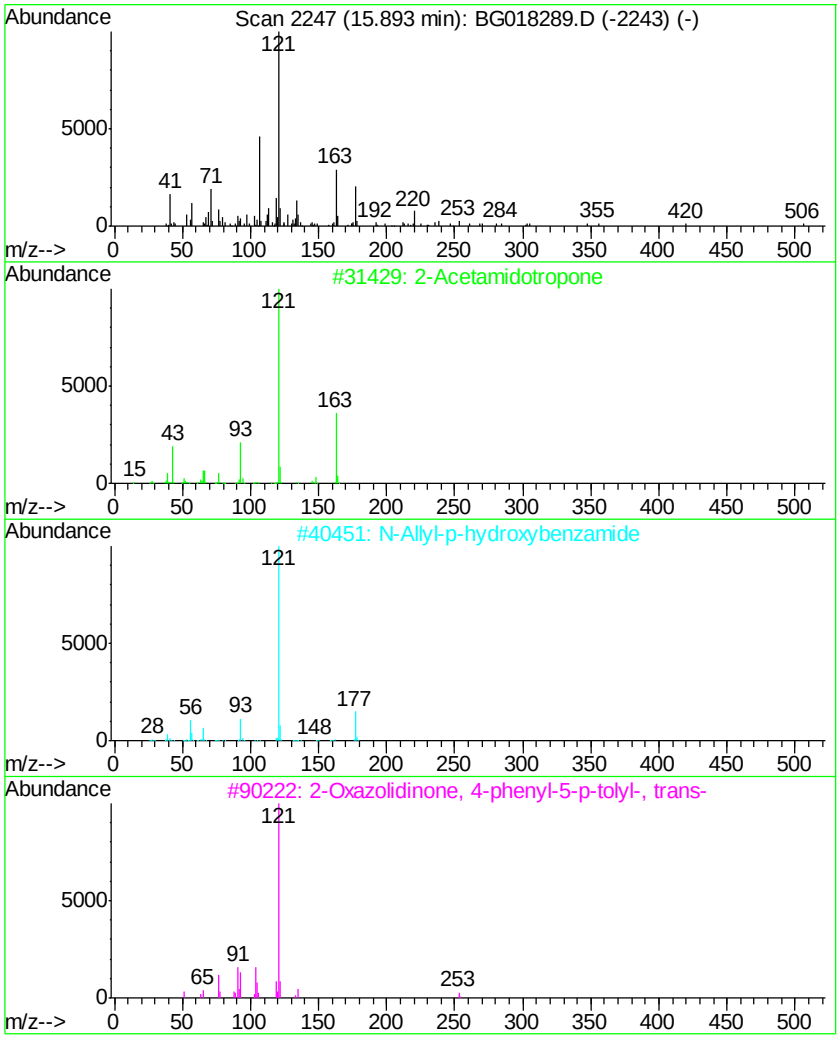
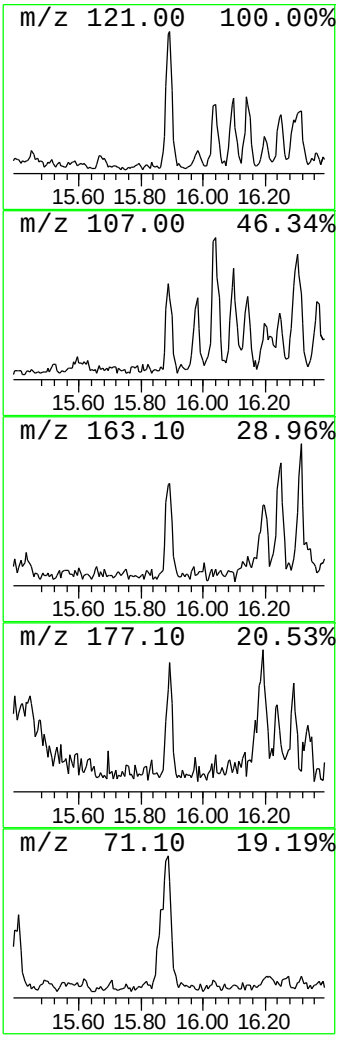
Peak Number 13 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	11.52 ng/ul	212706	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	38
2	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	27
3	2-Oxazolidinone, 4-phenyl-5-p-to...	253	C16H15NO2	032461-31-7	27
4	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	25
5	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	25





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Misc :
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Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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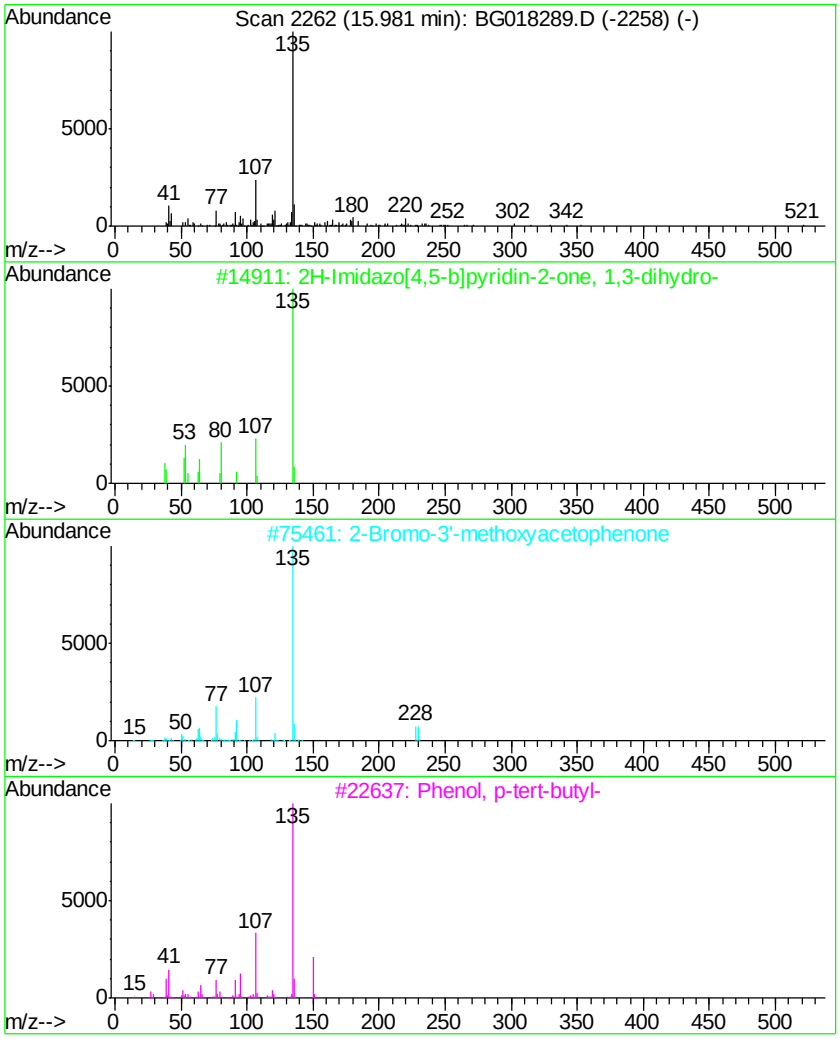
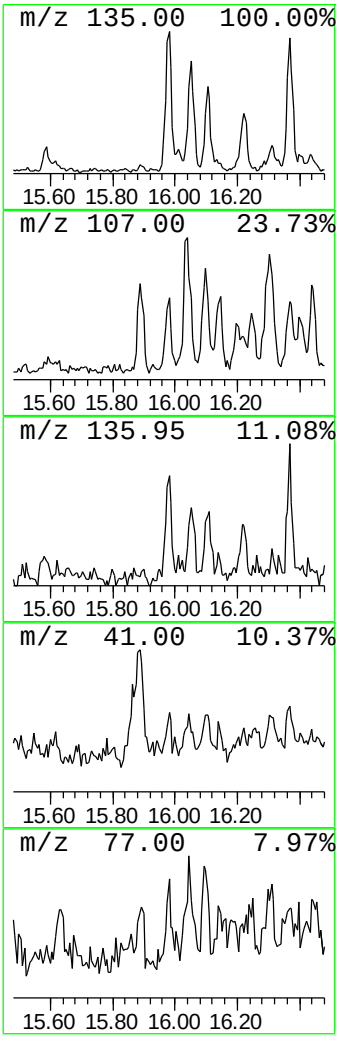
Peak Number 14 2H-Imidazo[4,5-b]pyridin-2-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	6.89 ng/ul	127235	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Imidazo[4,5-b]pyridin-2-one, ...	135	C6H5N3O	016328-62-4	72
2	2-Bromo-3'-methoxyacetophenone	228	C9H9BrO2	005000-65-7	72
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	72
4	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
5	Benzophenone, 3-methoxy-4'-methyl-	226	C15H14O2	082520-37-4	72





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Quant Title : SVOA CALIBRATION

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

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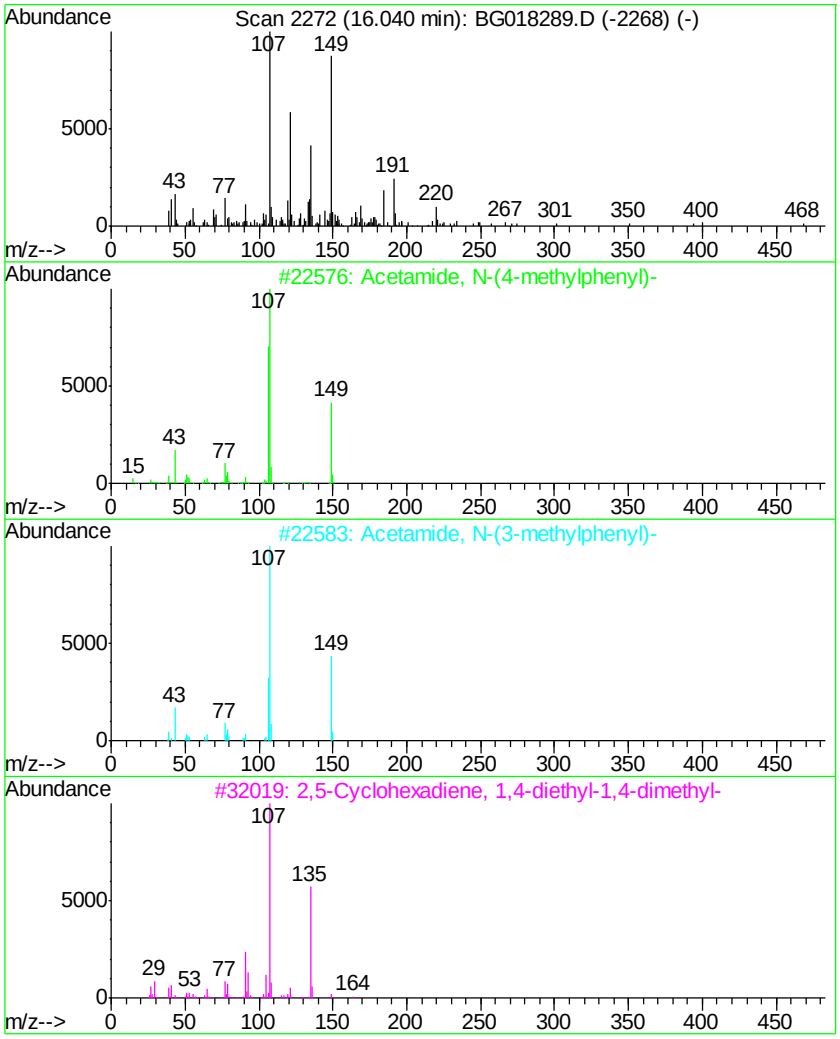
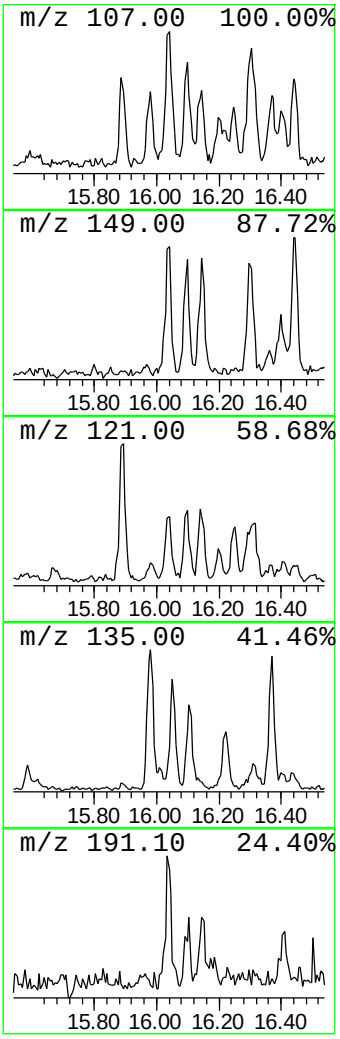
Peak Number 15 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	7.54 ng/ul	139235	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	49
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	47
3	2,5-Cyclohexadiene, 1,4-diethyl-...	164	C12H20	1000150-21-6	38
4	Phenylpropionic acid pentafluoro...	330	C16H11F5O2	062434-95-1	35
5	1-(2,6-Dimethyl-4-propoxyphenyl)...	220	C14H20O2	1000190-22-3	27





Library Search Compound Report

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Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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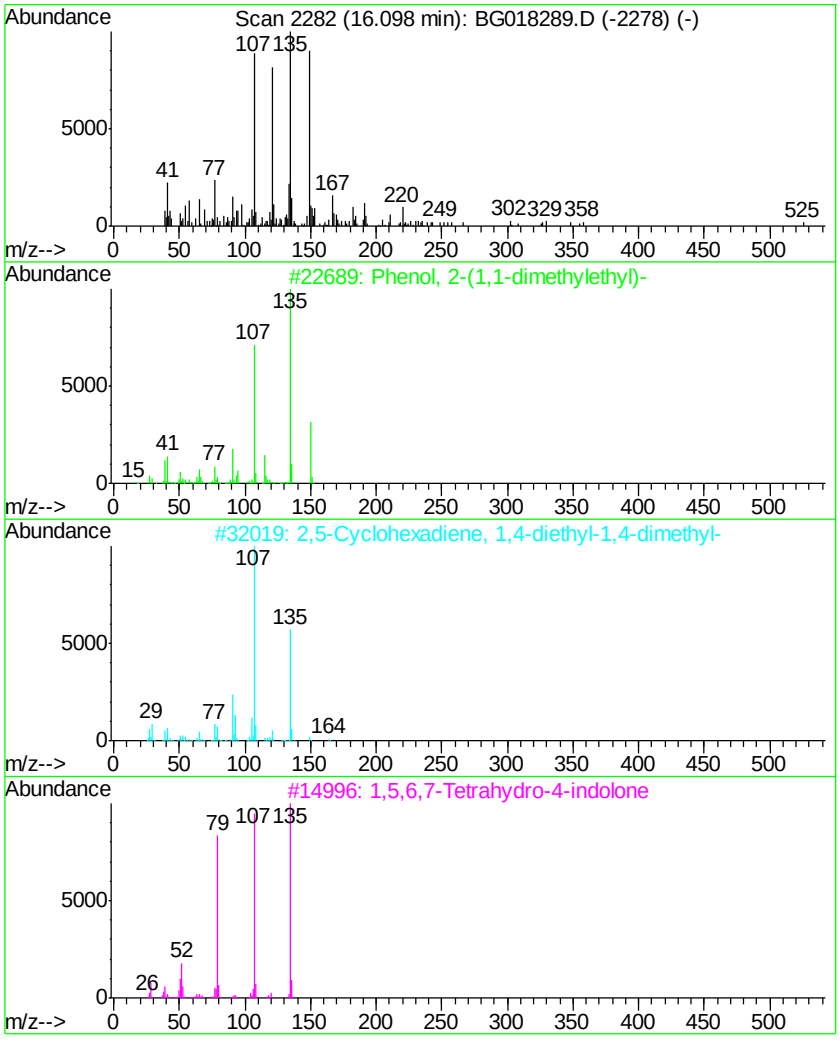
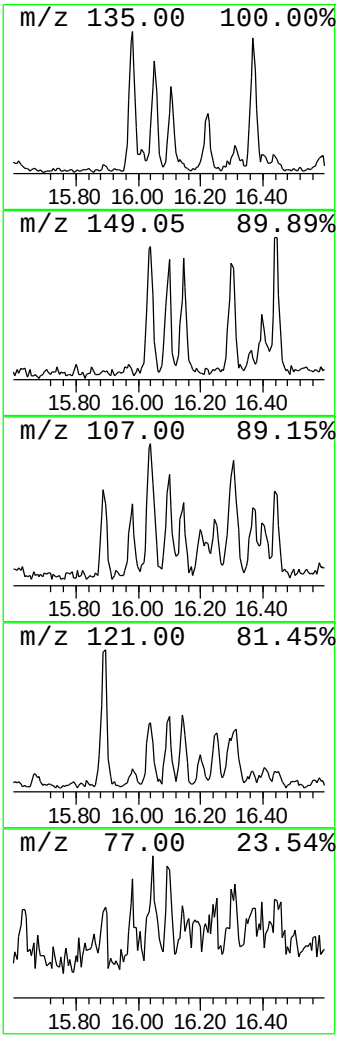
Peak Number 16 unknown-04 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	5.65 ng/ul	104213	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	42
2	2,5-Cyclohexadiene, 1,4-diethyl-...	164	C12H20	1000150-21-6	38
3	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	30
4	Phenol, 2-(1,1-dimethylethyl)-6-...	164	C11H16O	002219-82-1	30
5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	30





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Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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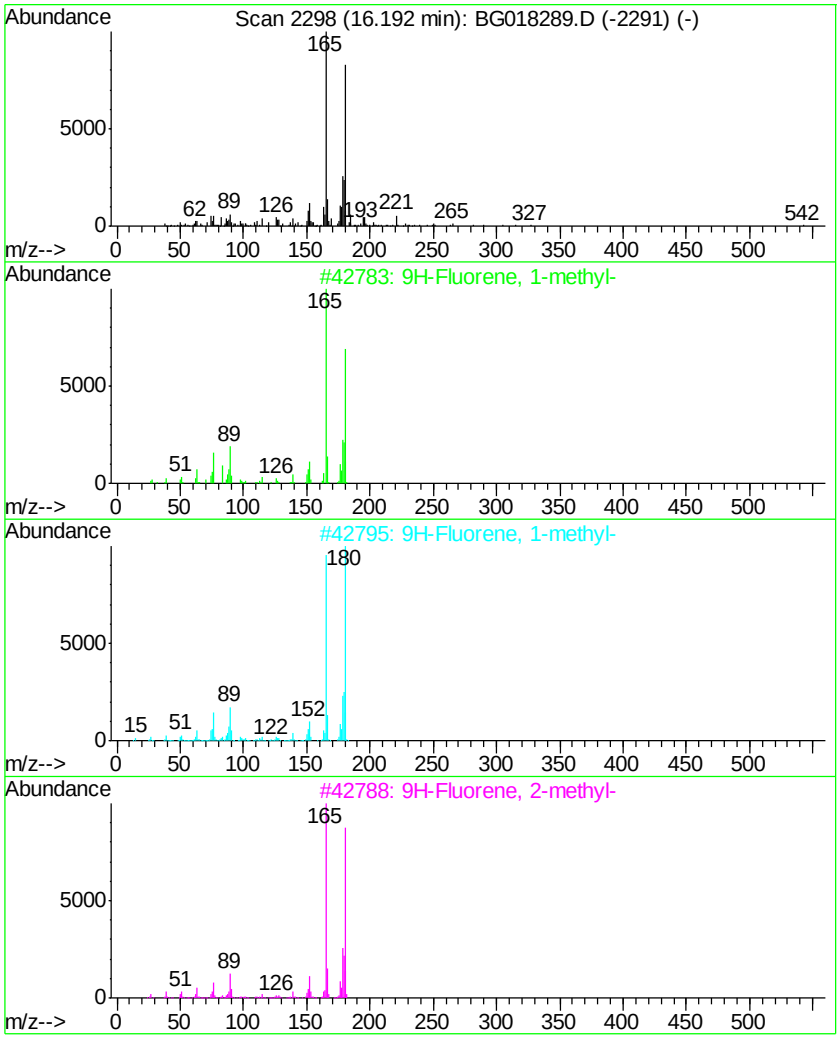
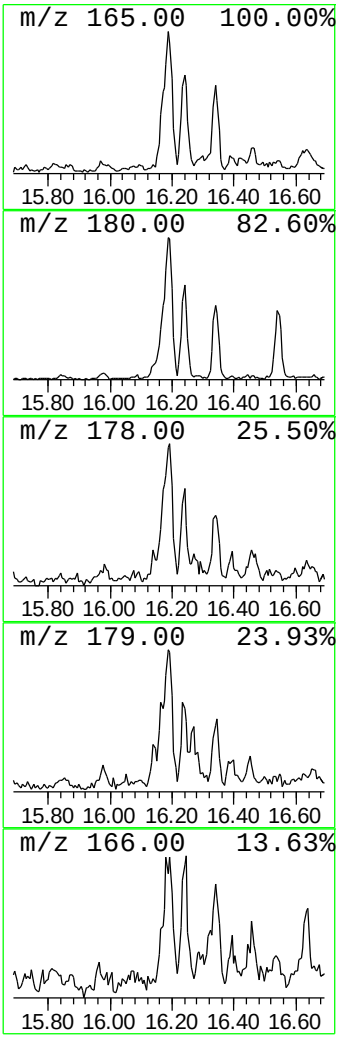
Peak Number 17 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	16.11 ng/ul	297303	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83





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Operator : UM/TP
Sample : G3109-15RE
Misc :
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Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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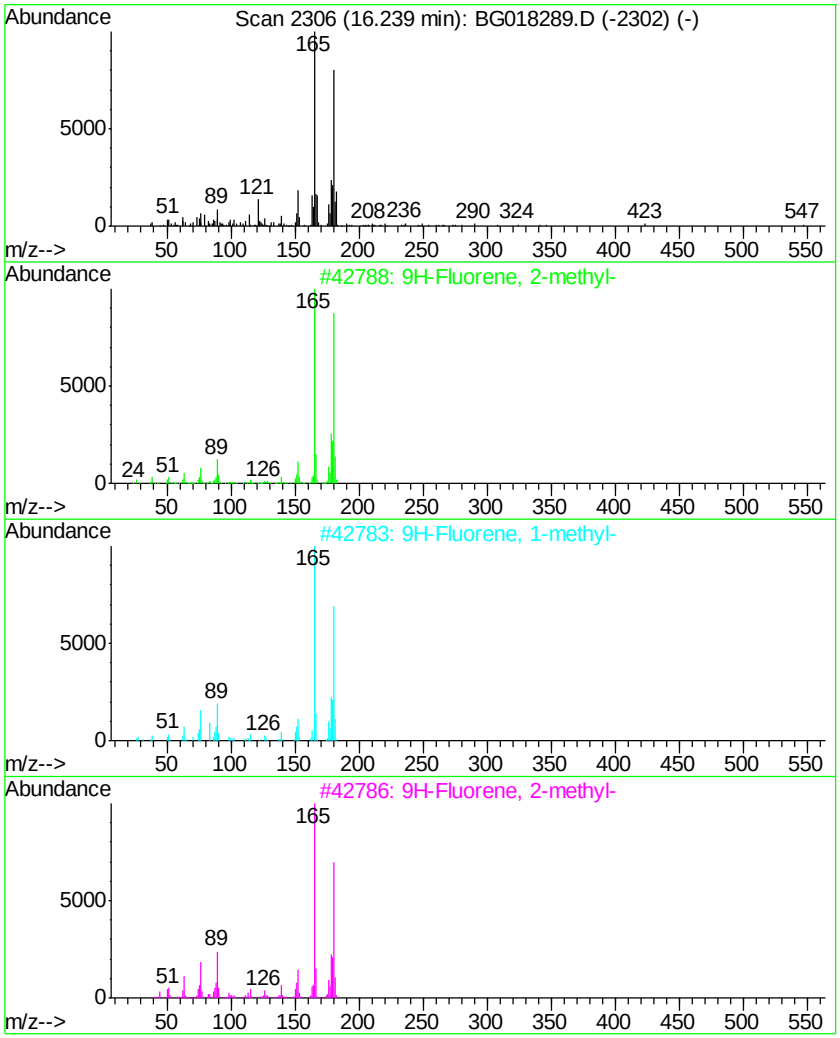
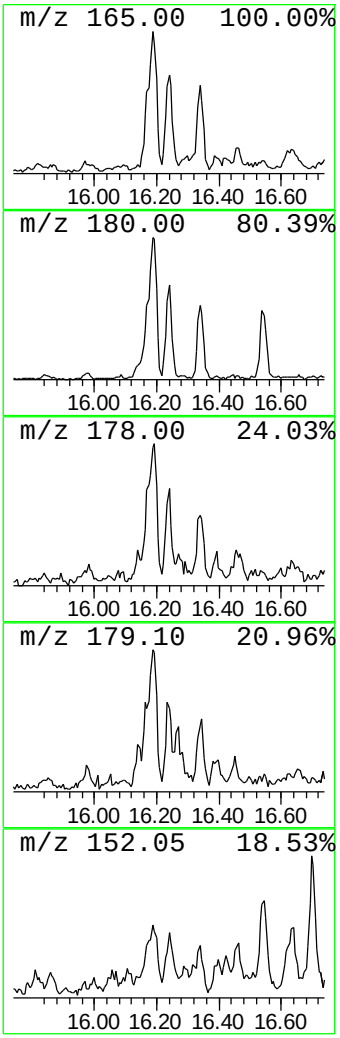
Peak Number 18 9H-Fluorene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	8.77 ng/ul	161813	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	81





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Misc :
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Instrument : BNA_G
ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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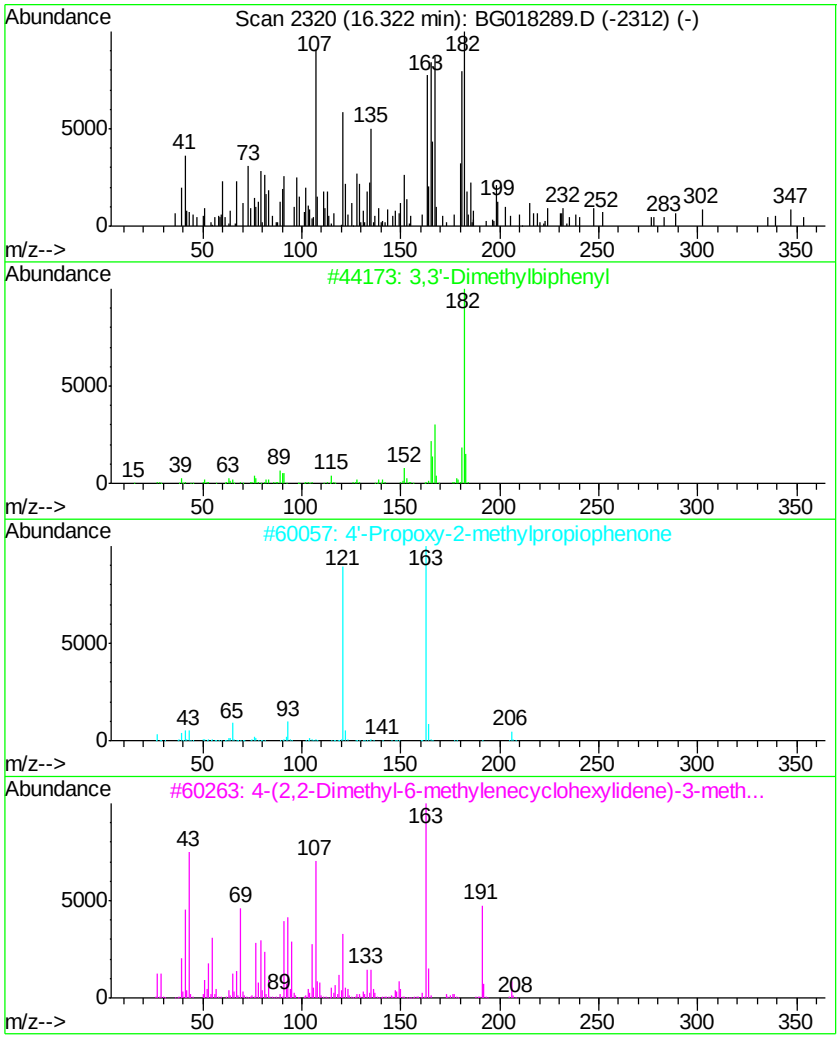
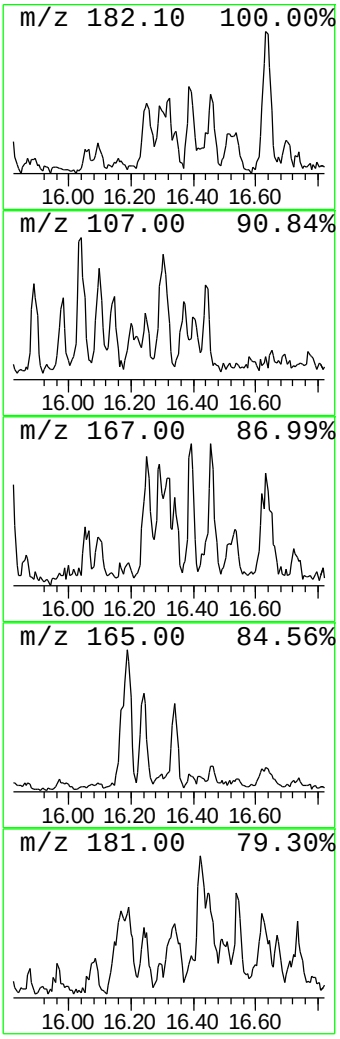
Peak Number 19 unknown-05 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	7.60 ng/ul	140254	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	25
2	4'-Propoxy-2-methylpropiophenone	206	C13H18O2	064436-60-8	25
3	4-(2,2-Dimethyl-6-methylenecyclo...	206	C14H22O	093175-74-7	15
4	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	11
5	1-Ethyl-3-propyladamantane	206	C15H26	019385-94-5	11





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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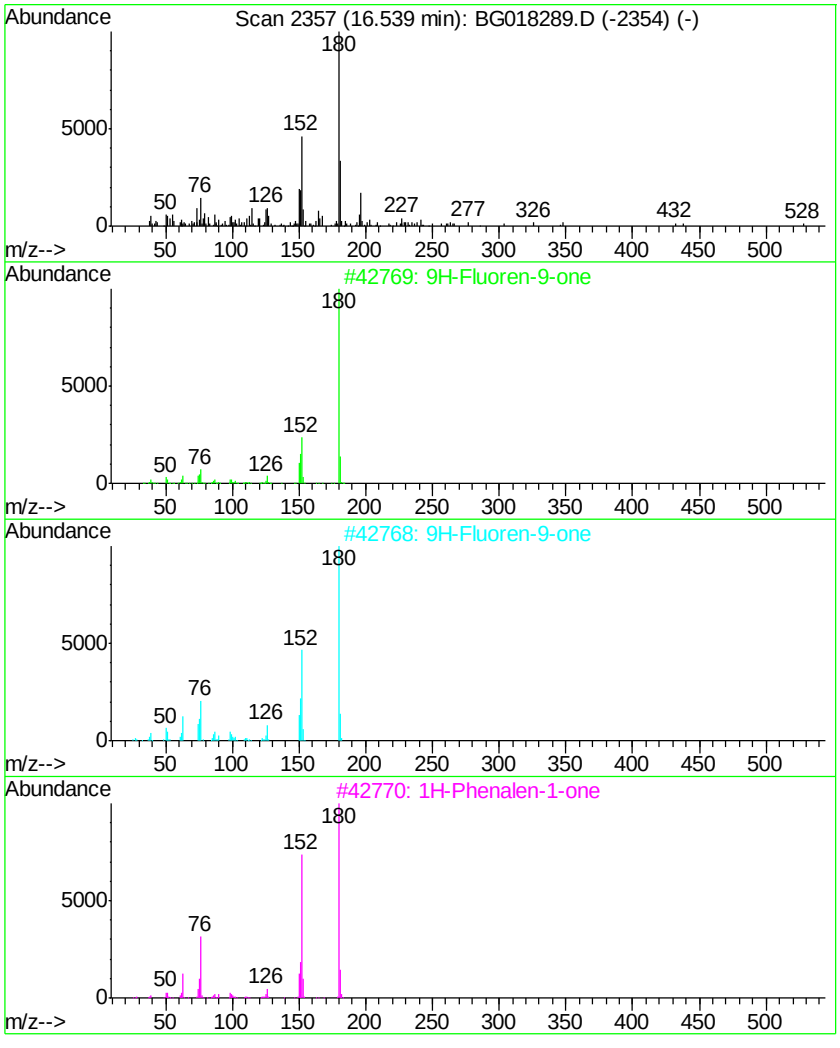
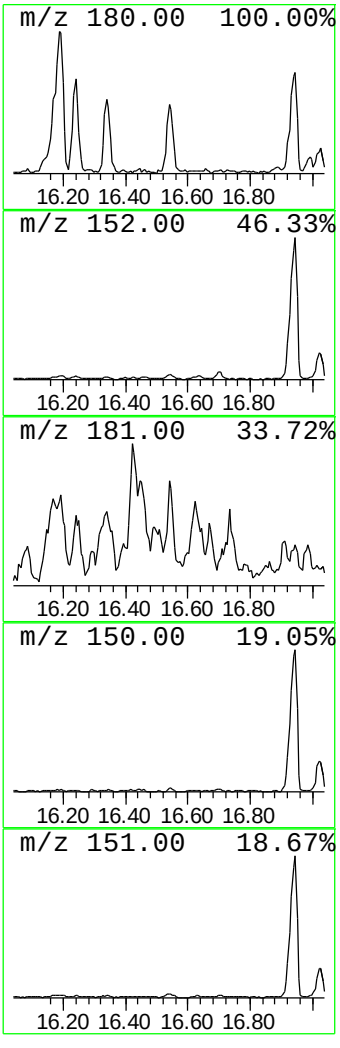
Peak Number 20 9H-Fluoren-9-one Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	4.95 ng/ul	91317	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	59





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Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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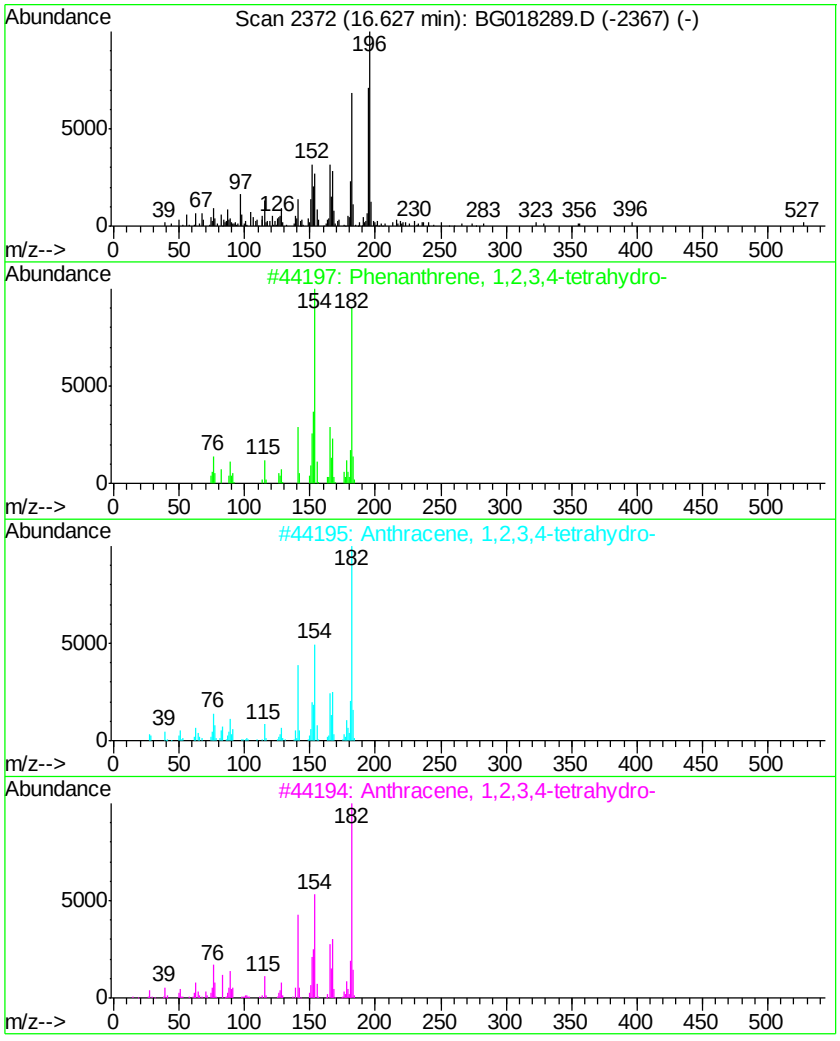
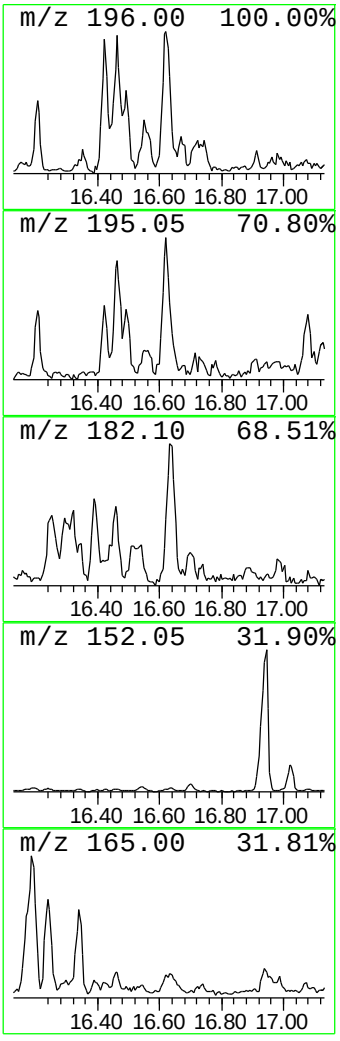
Peak Number 21 Phenanthrene, 1,2,3,4-tetra... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	9.03 ng/ul	166713	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	55
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	49
3	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	49
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	42
5	Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	38





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Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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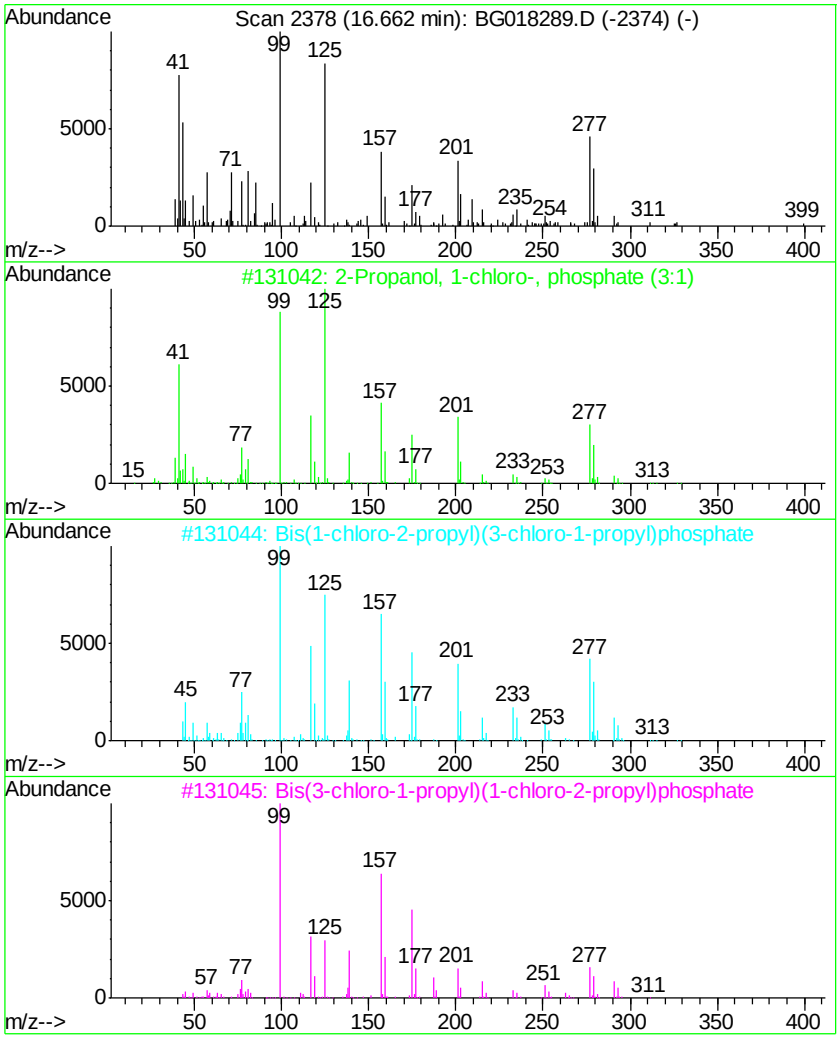
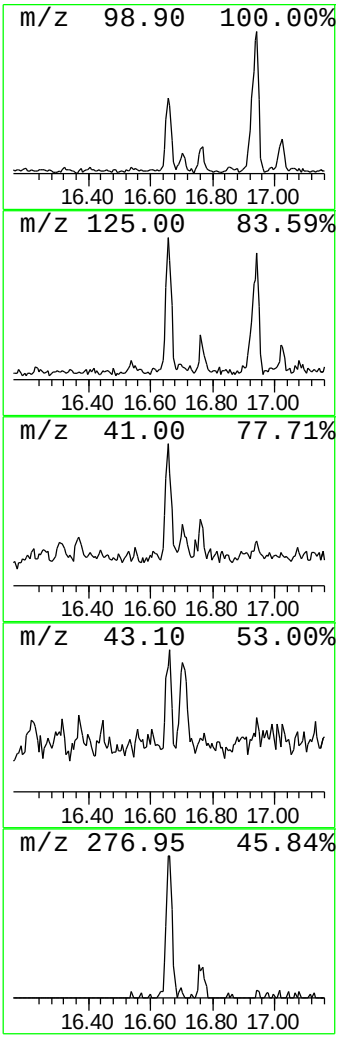
Peak Number 22 2-Propanol, 1-chloro-, phos... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	11.98 ng/ul	221167	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	72
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	43
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	38
4	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	22
5	cis-4-Hydroxy-3-methylundecanoic...	198	C12H22O2	148806-09-1	10





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ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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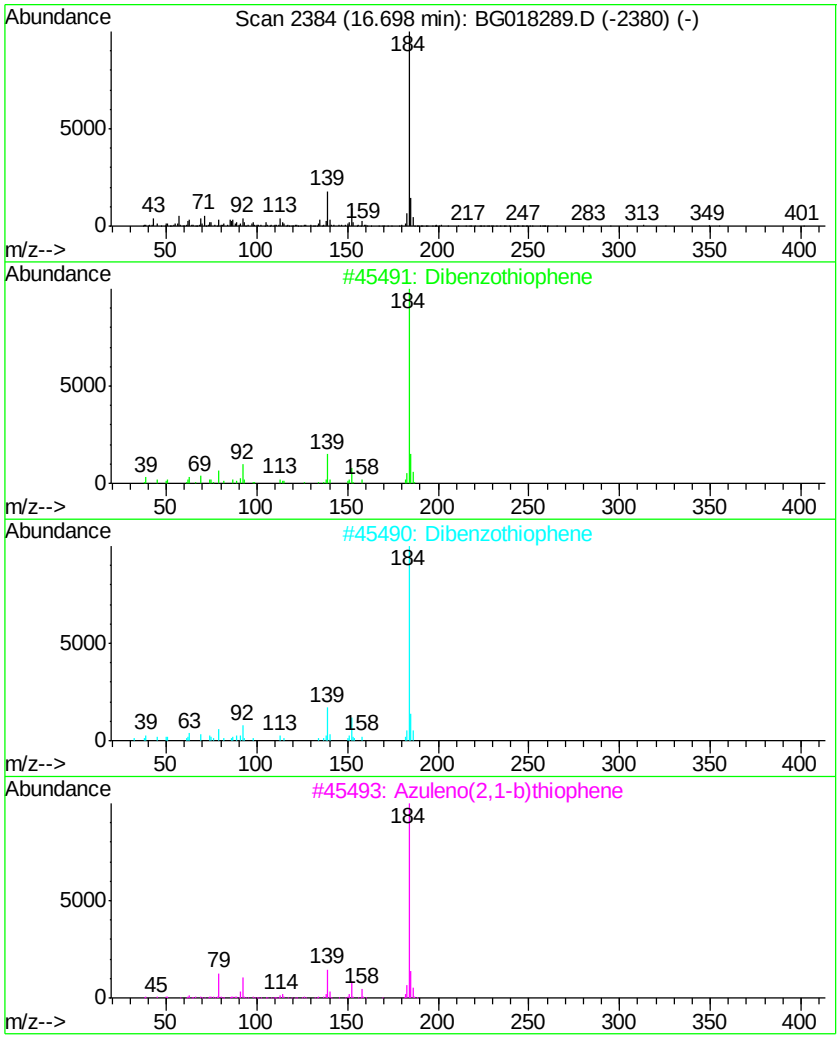
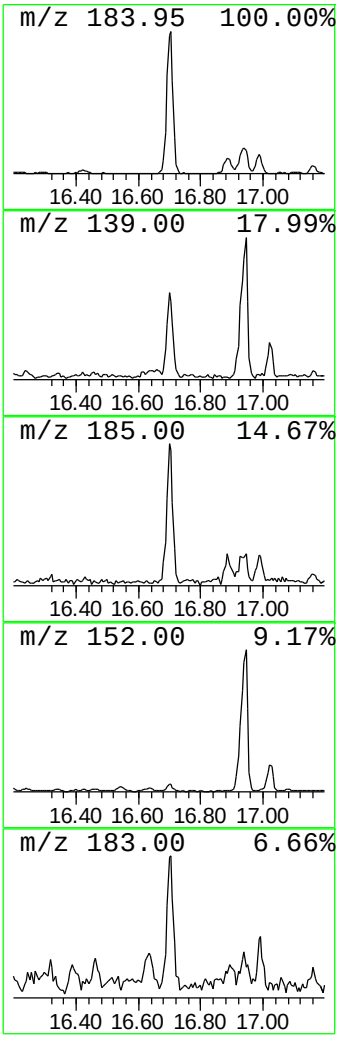
Peak Number 23 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	28.98 ng/ul	534886	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	91
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Dibenzothiophene	184	C12H8S	000132-65-0	87
5	Dibenzothiophene	184	C12H8S	000132-65-0	87





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Quant Title : SVOA CALIBRATION

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

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Peak Number 24 Benzo[g]quinoline Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	9.73 ng/ul	179529	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[g]quinoline	179	C13H9N	000260-36-6	64
2	Phenanthridine	179	C13H9N	000229-87-8	64
3	Acridine	179	C13H9N	000260-94-6	60
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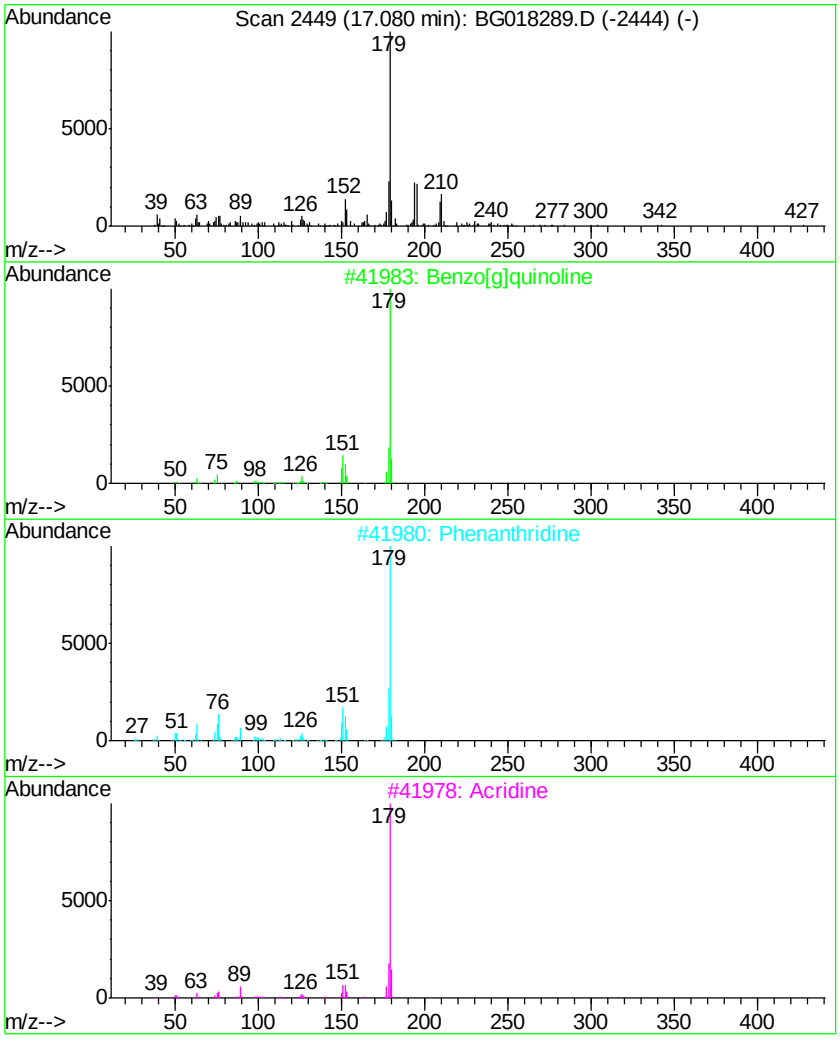

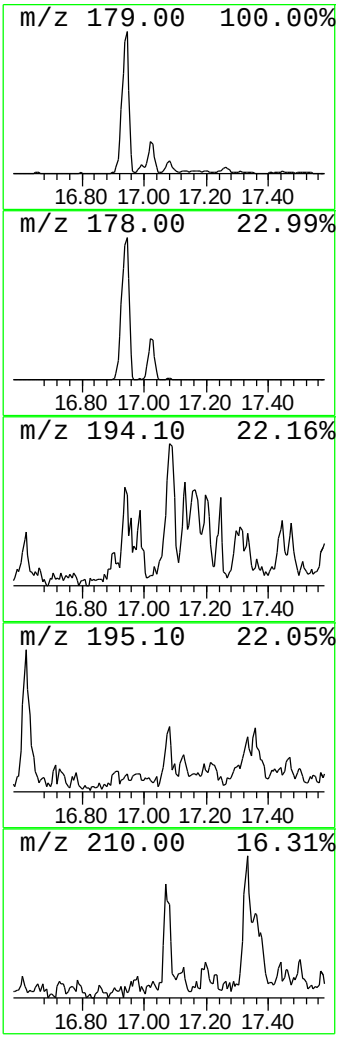

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ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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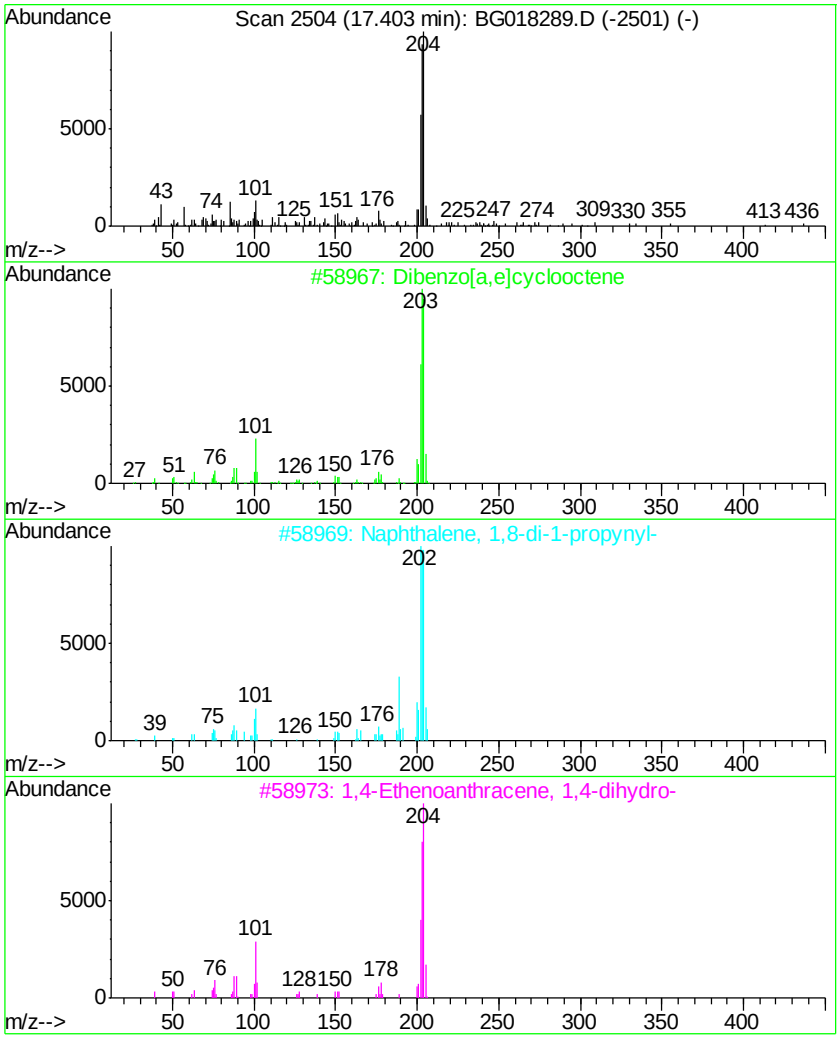
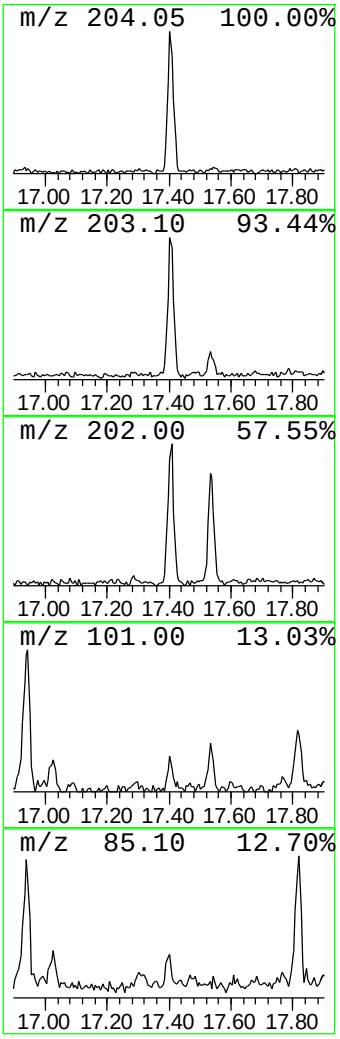
Peak Number 25 Dibenzo[a,e]cyclooctene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	5.47 ng/ul	100915	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	68
2	Naphthalene, 1,8-di-1-propynyl-	204	C16H12	022360-77-6	53
3	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	53
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	52
5	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	47





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Quant Title : SVOA CALIBRATION

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

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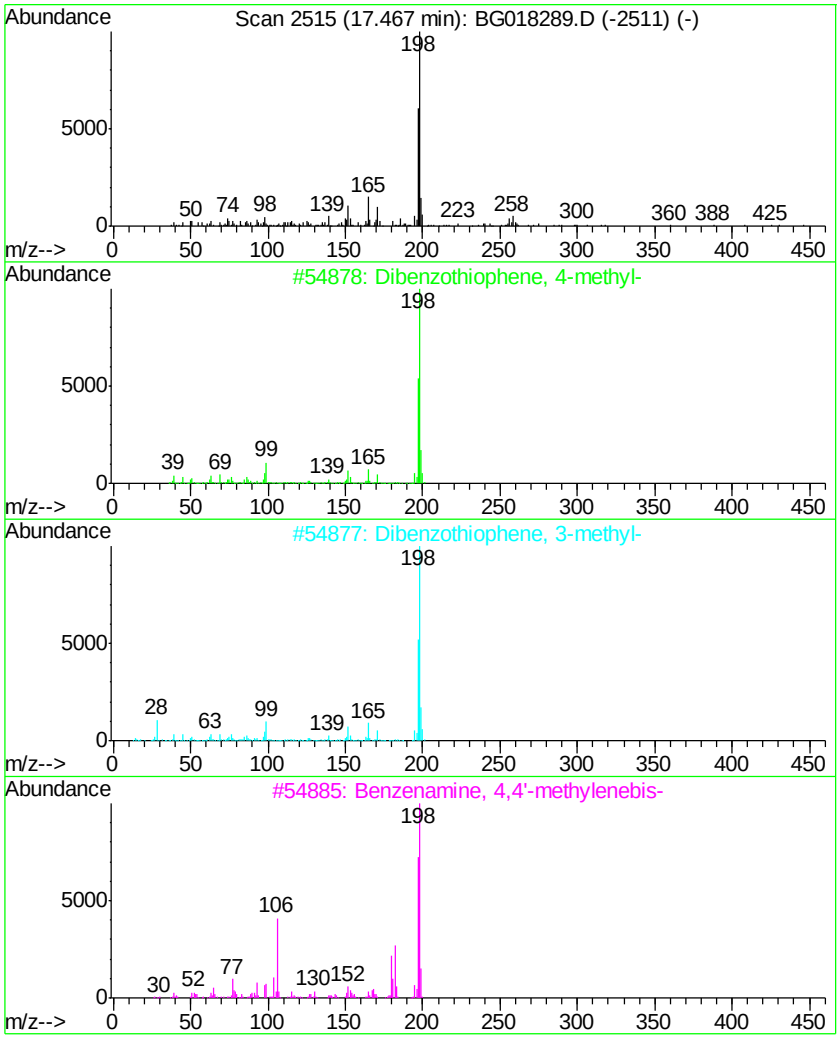
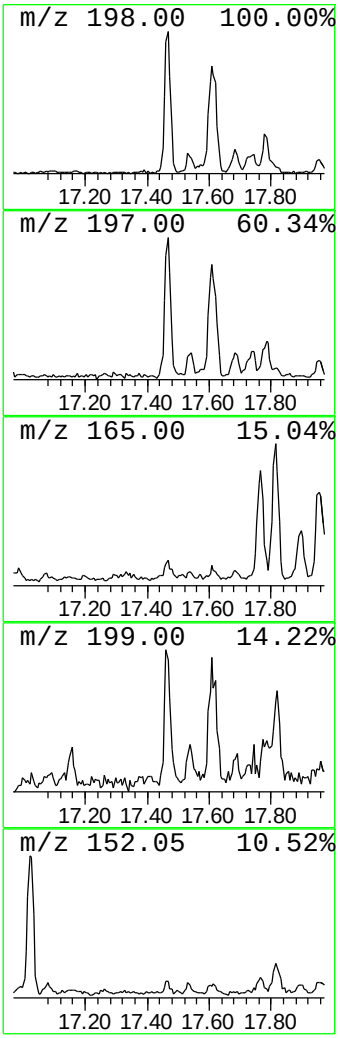
Peak Number 26 Dibenzothiophene, 4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	9.09 ng/ul	167684	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	68
4	Benzeneacetonitrile, 4-(1,2,3,6-...	198	C13H14N2	1000115-51-2	64
5	2,4-Diamino-5H-indeno[1,2-d]pyri...	198	C11H10N4	095140-64-0	59





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Operator : UM/TP
Sample : G3109-15RE
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

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TIC Integration Parameters: LSCINT.P

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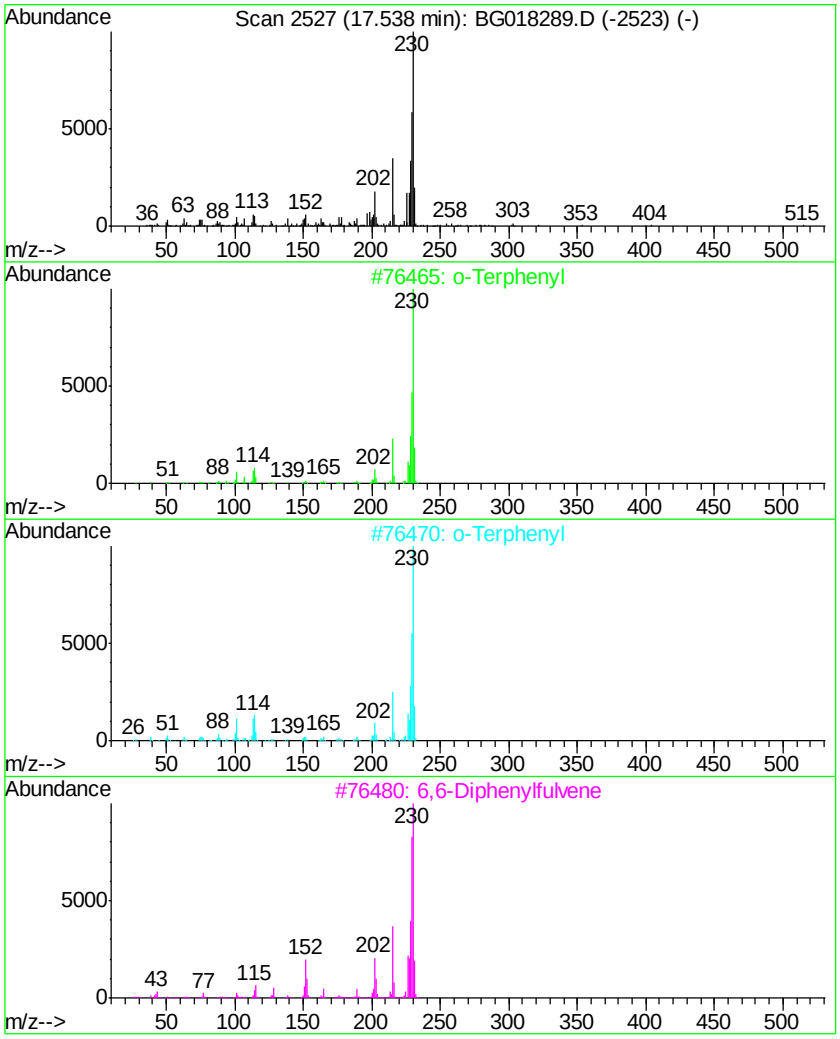
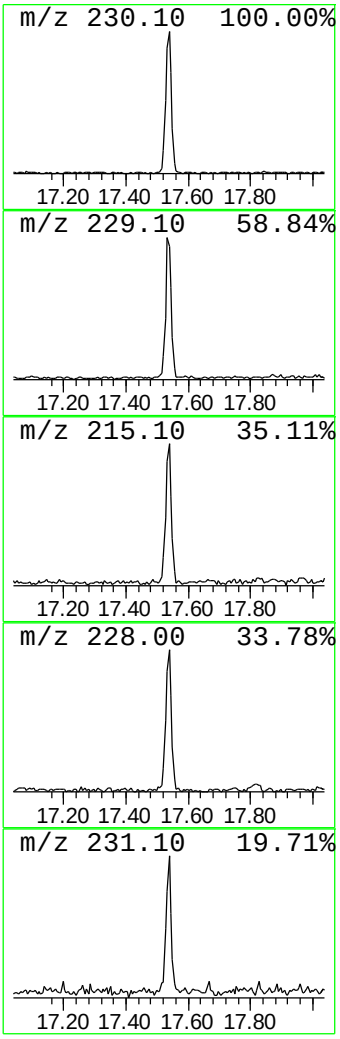
Peak Number 27 o-Terphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	16.49 ng/ul	304403	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	93
2	o-Terphenyl	230	C18H14	000084-15-1	91
3	6,6-Diphenylfulvene	230	C18H14	002175-90-8	90
4	o-Terphenyl	230	C18H14	000084-15-1	87
5	4-Benzhydrylidenebicyclo[3.2.0]h...	272	C20H16O	034130-48-8	83





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Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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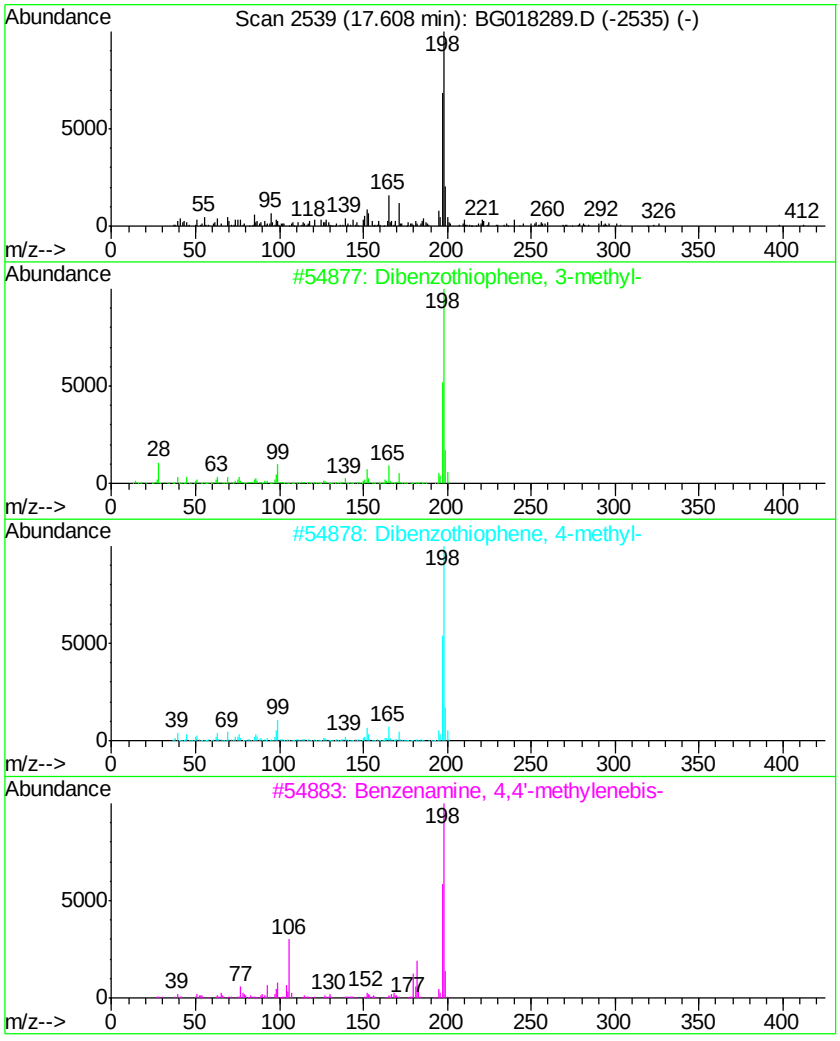
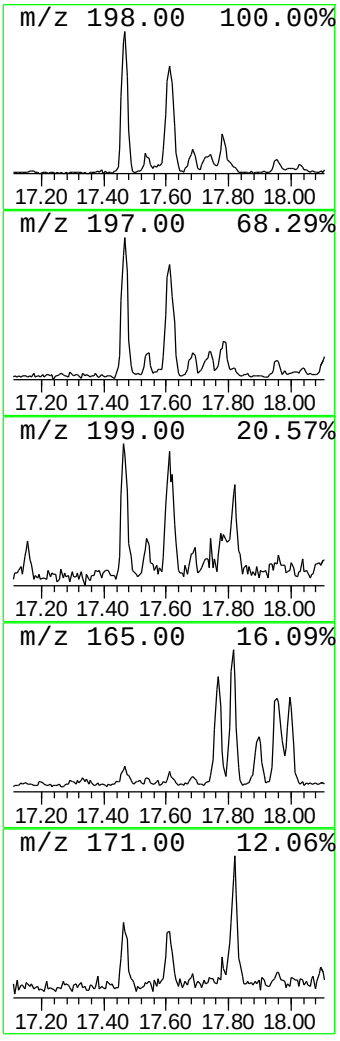
Peak Number 28 Dibenzothiophene, 3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	9.84 ng/ul	181700	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
4	Thioxanthene	198	C13H10S	000261-31-4	52
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	000718-25-2	50





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Misc :
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Instrument : BNA_G
ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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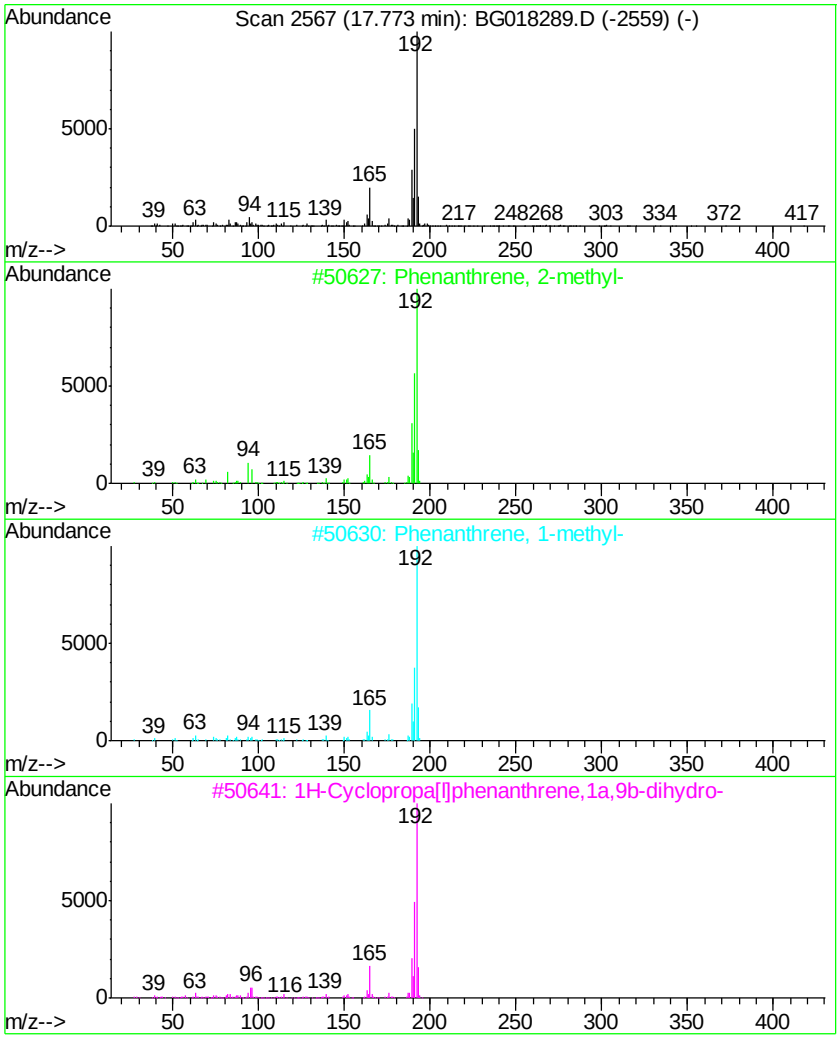
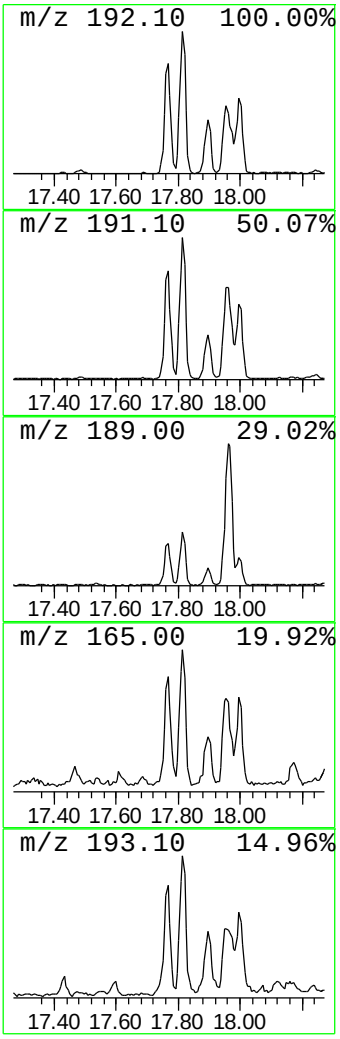
Peak Number 29 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	47.40 ng/ul	874860	Phenanthrene-d10	16.89

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





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Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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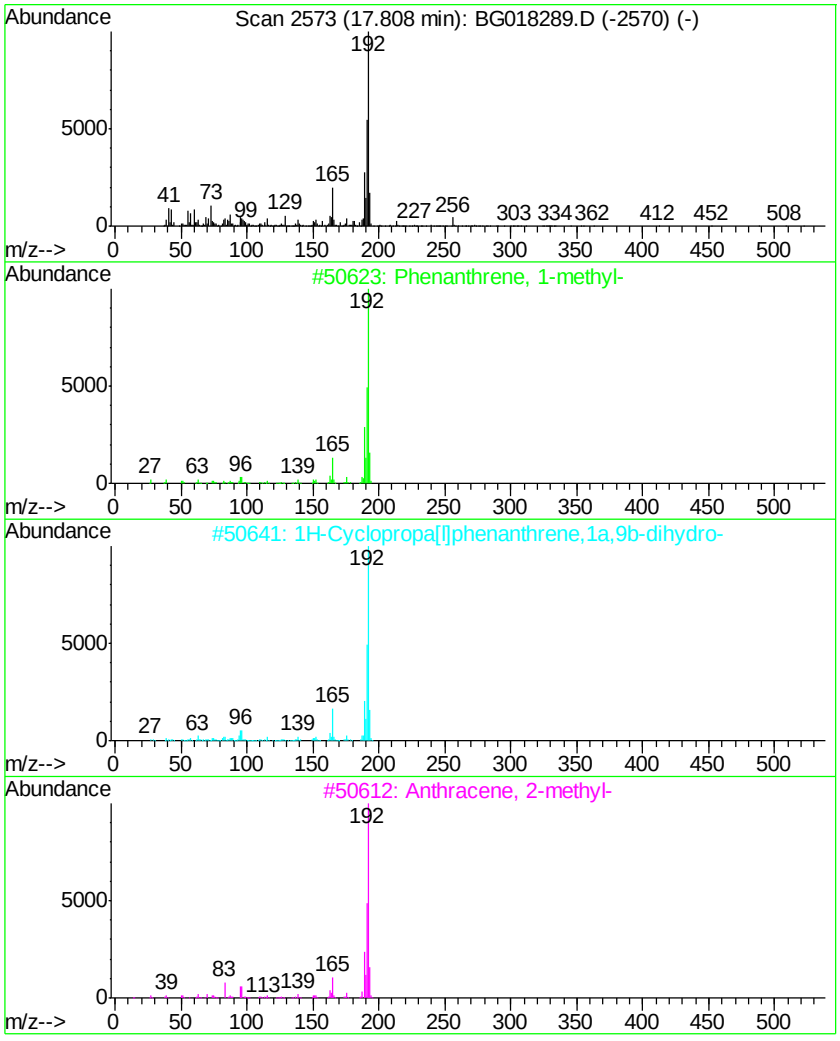
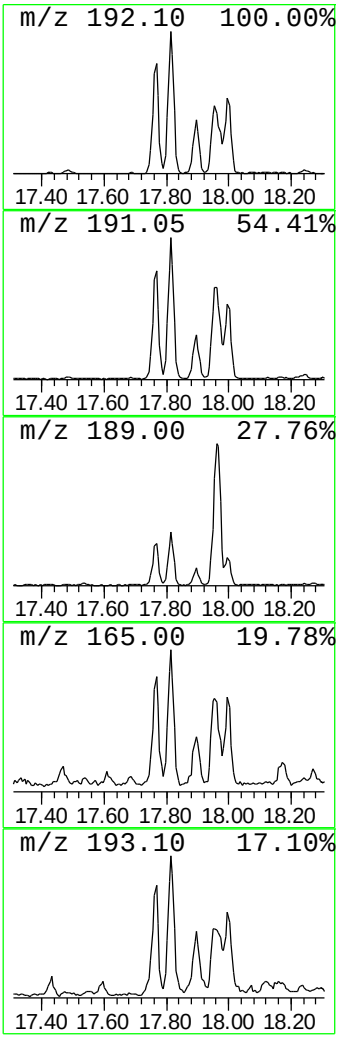
Peak Number 30 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	89.35 ng/ul	1649030	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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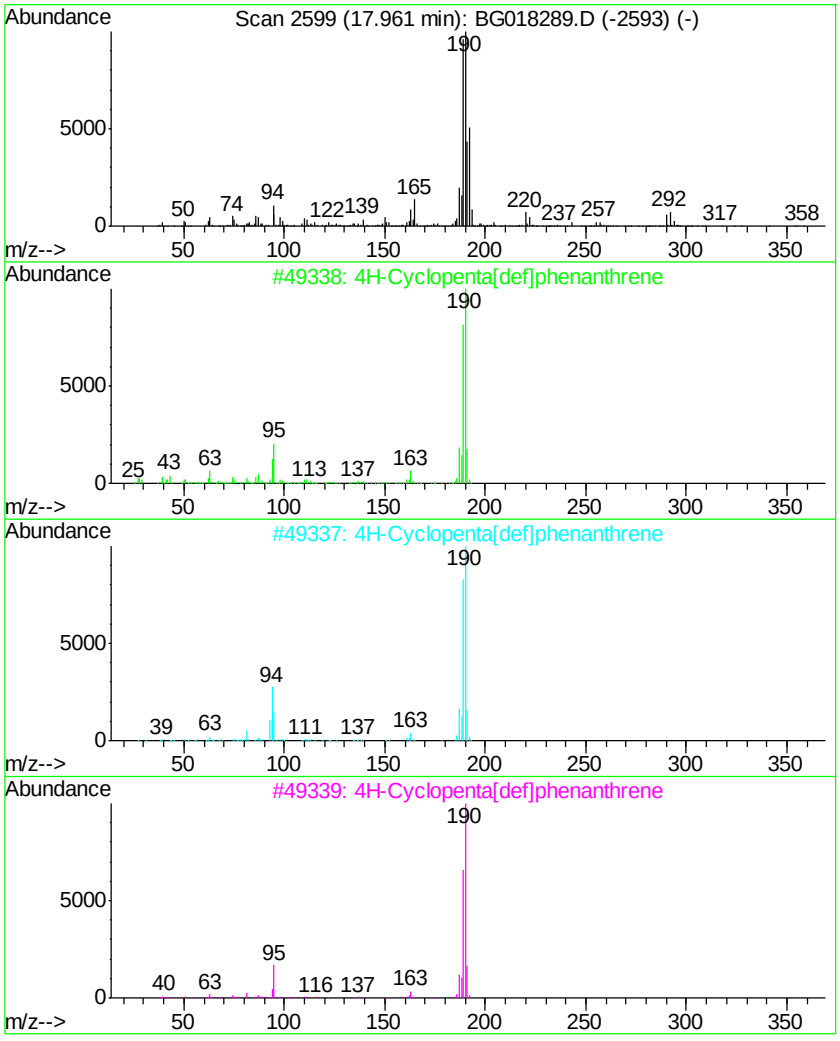
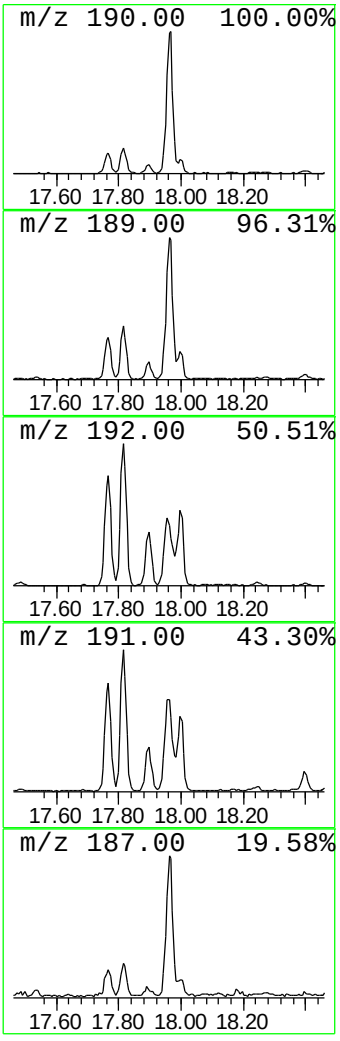
Peak Number 31 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	92.62 ng/ul	1709420	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	Megastigmatrienone	190	C13H18O	038818-55-2	18





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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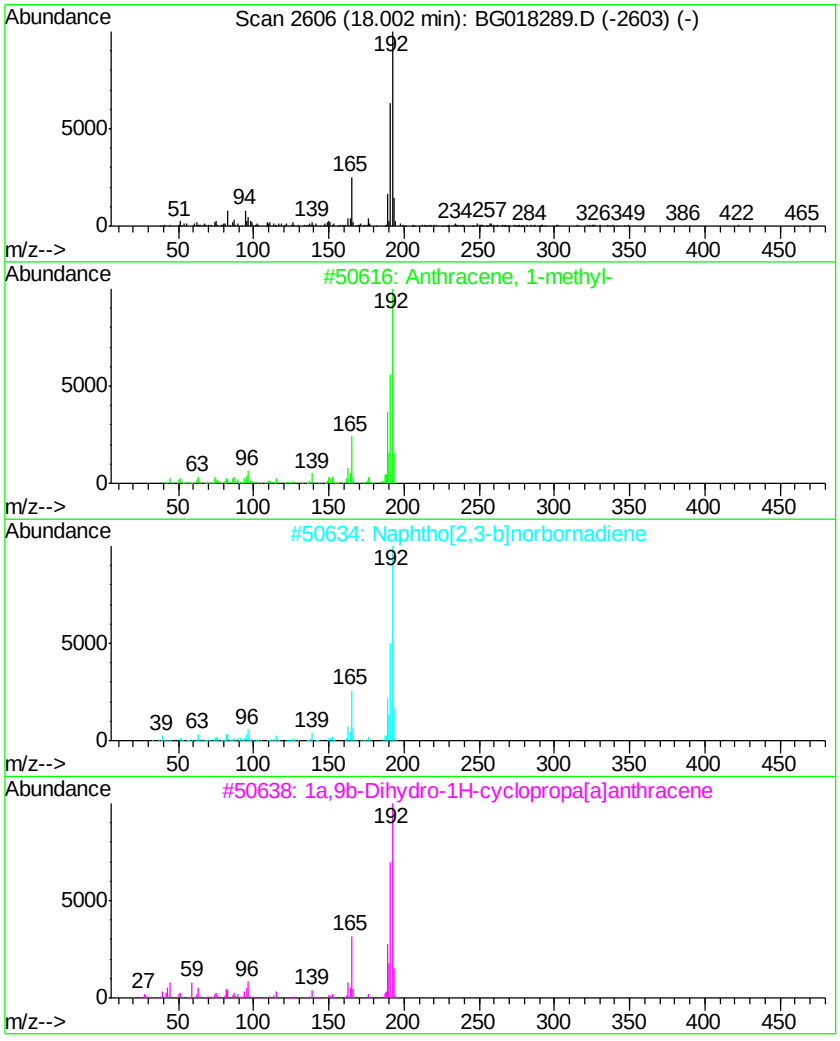
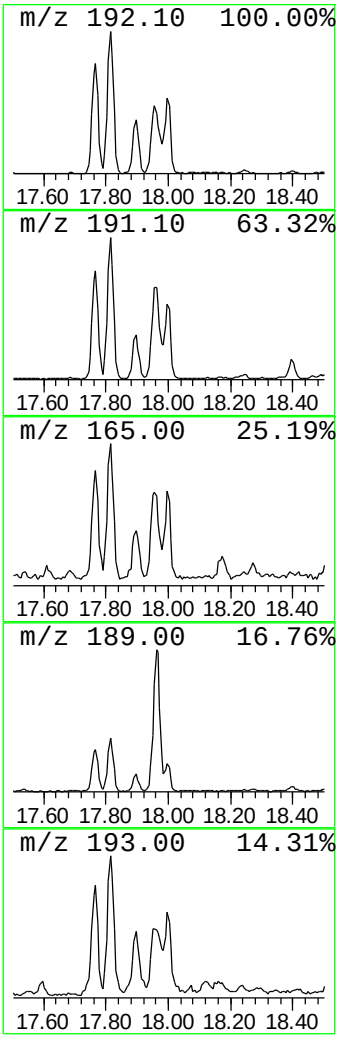
Peak Number 32 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	28.20 ng/ul	520509	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	74
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72





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Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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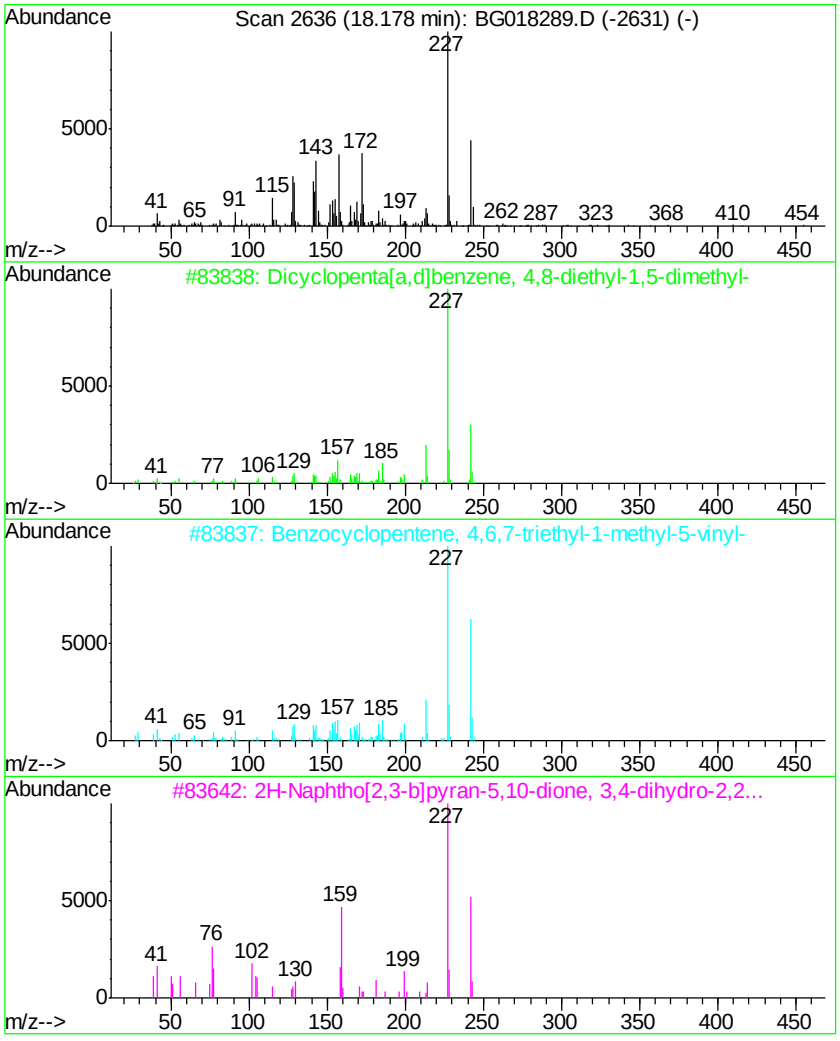
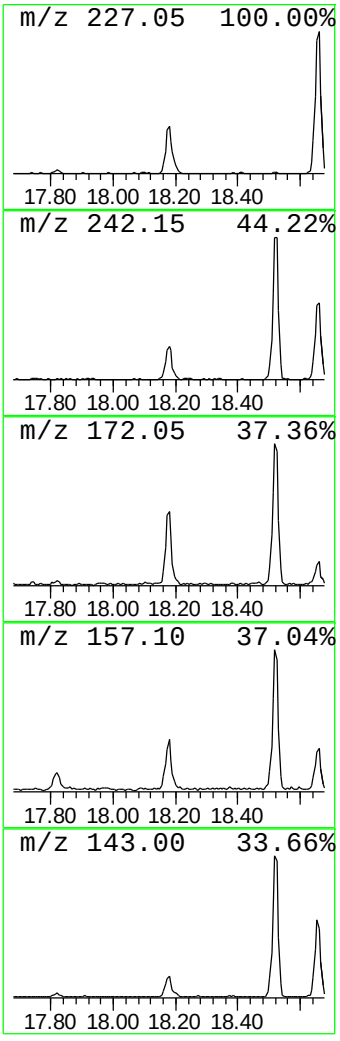
Peak Number 33 Dicyclopenta[a,d]benzene, 4... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	30.72 ng/ul	566937	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	55
2	Benzocyclopentene, 4,6,7-triethy...	242	C18H26	1000156-41-5	43
3	2H-Naphtho[2,3-b]pyran-5,10-dion...	242	C15H14O3	004707-33-9	43
4	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	43
5	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	38





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Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

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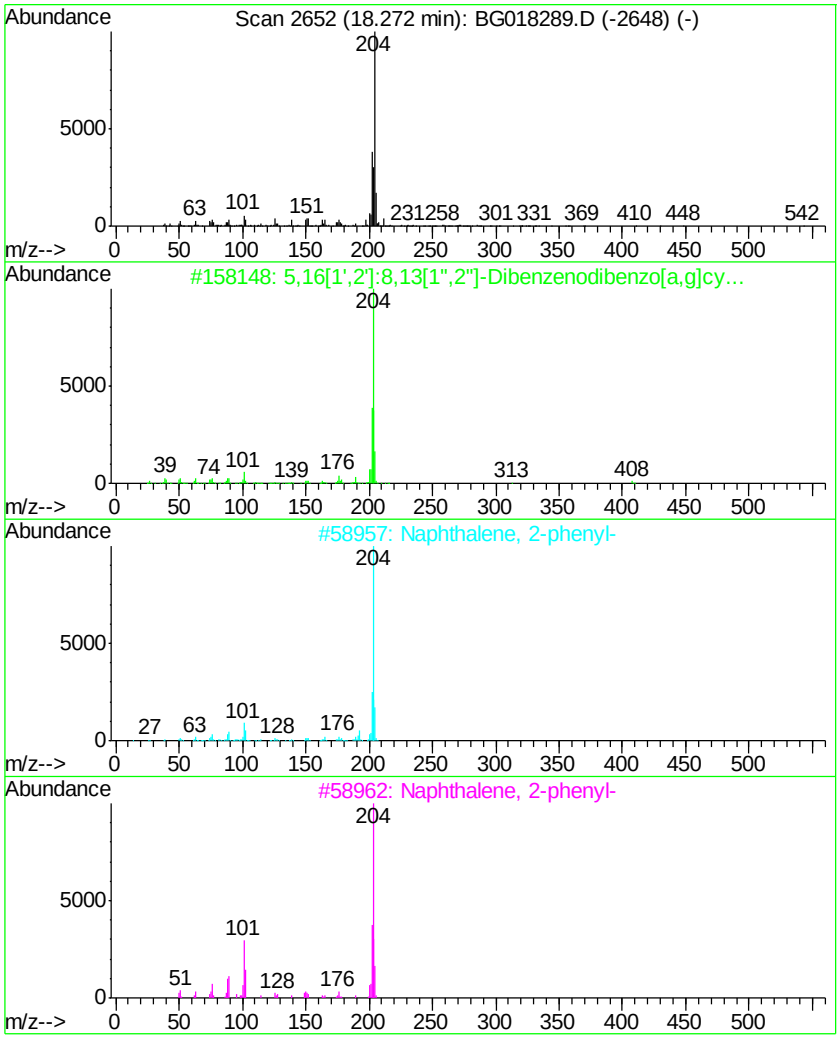
Quant Title : SVOA CALIBRATION

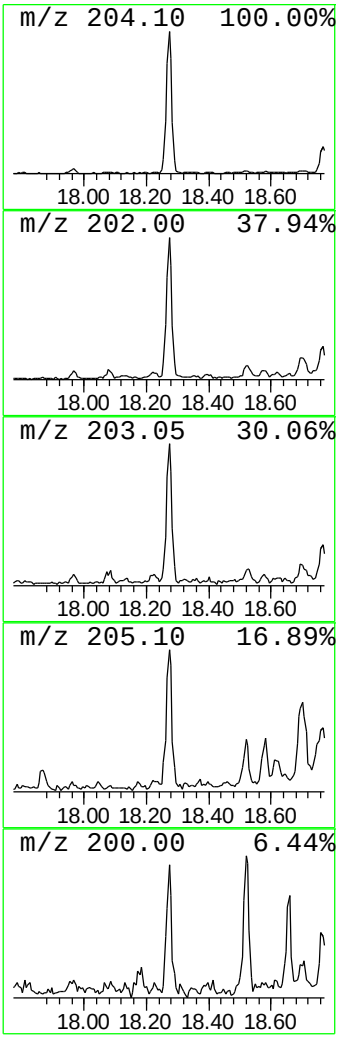
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	23.41 ng/ul	431979	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64





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Sample : G3109-15RE
Misc :
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Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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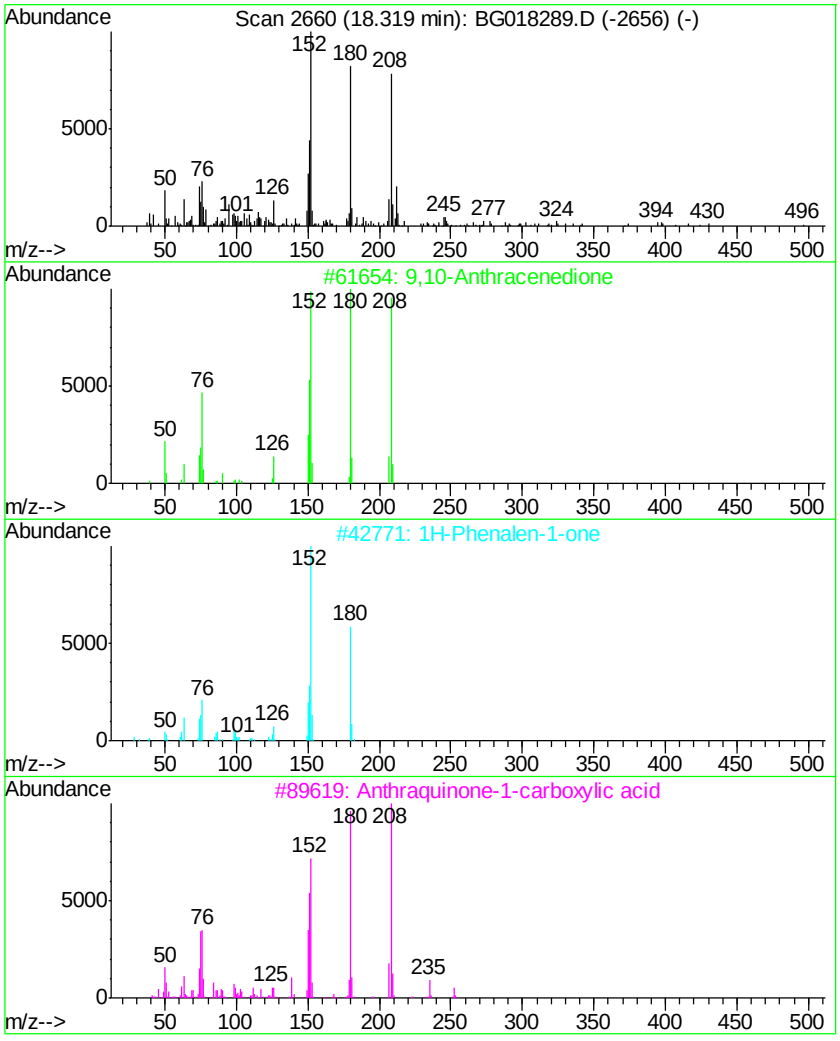
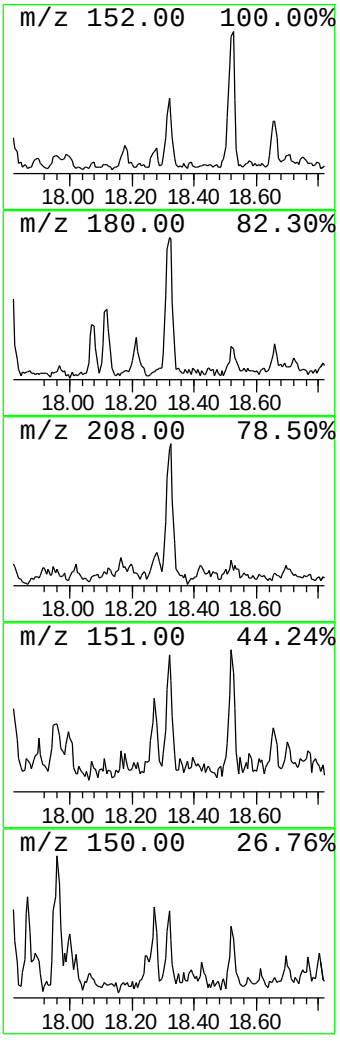
Peak Number 35 9,10-Anthracenedione Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	9.71 ng/ul	179135	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
3	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	72
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	60





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Misc :
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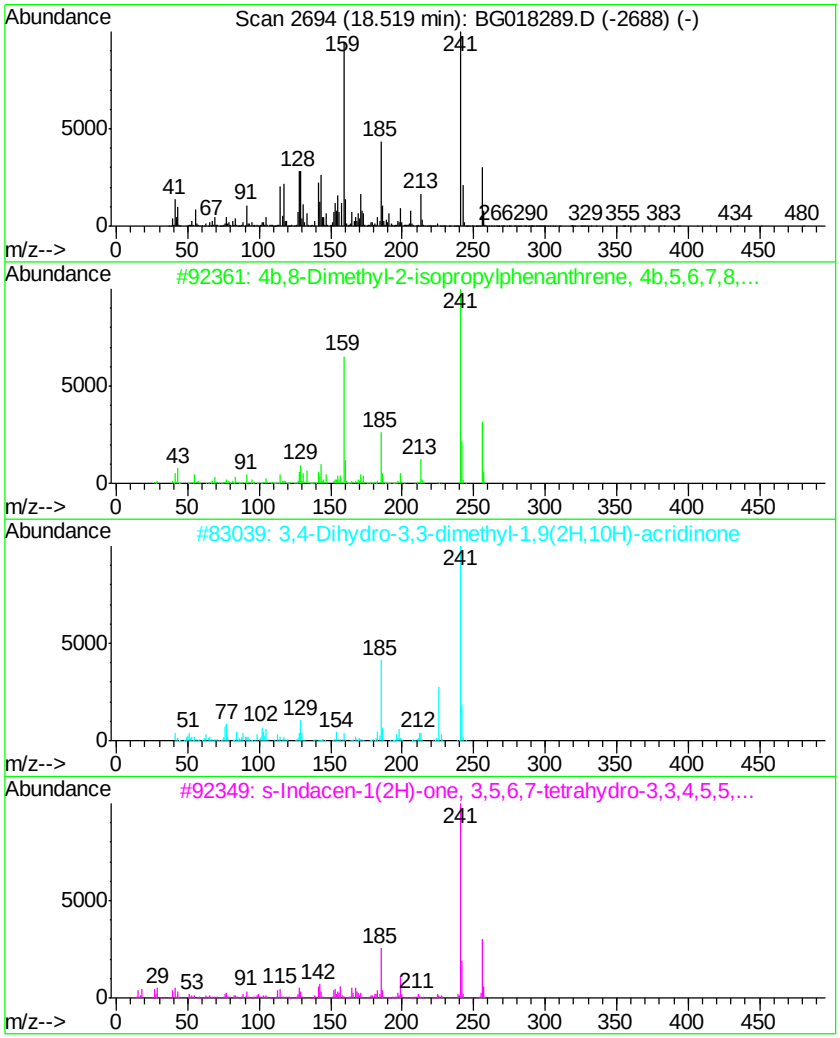
Quant Title : SVOA CALIBRATION

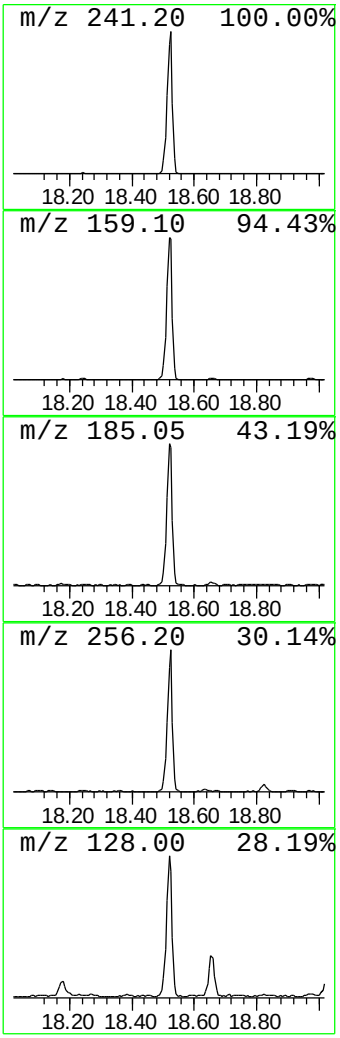
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	277.97 ng/ul	5130270	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	43
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	42
4	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	27
5	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	27





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Misc :
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Instrument : BNA_G
ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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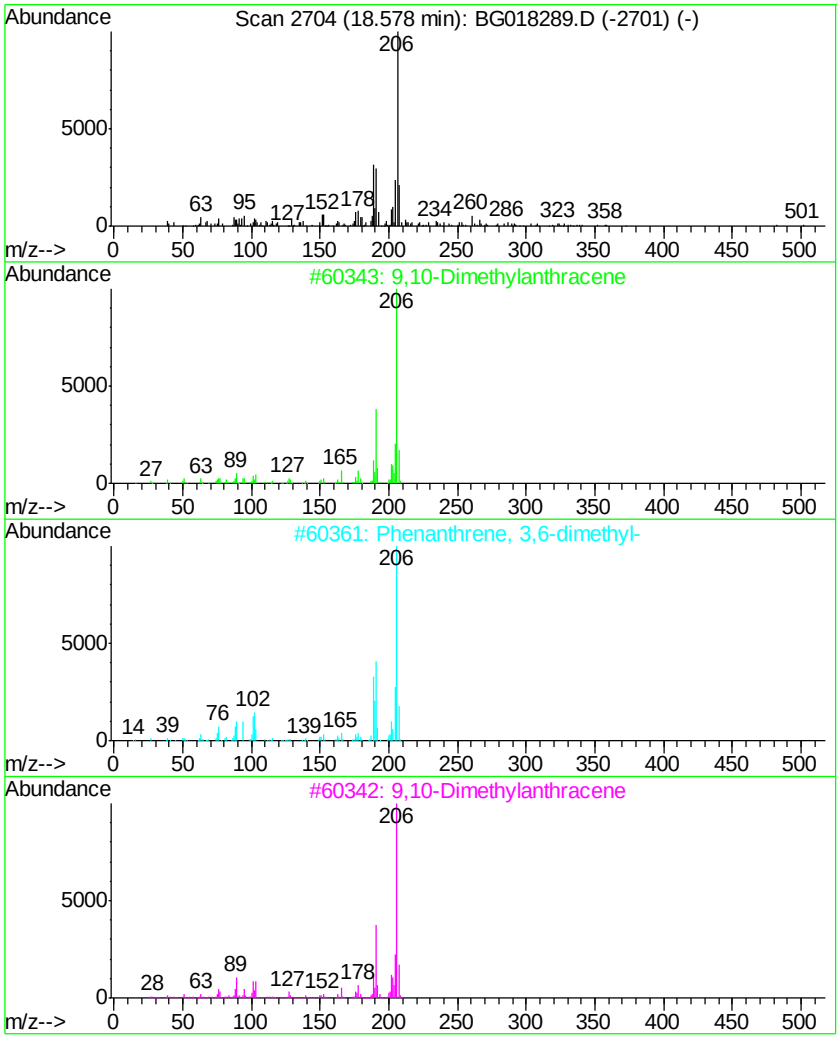
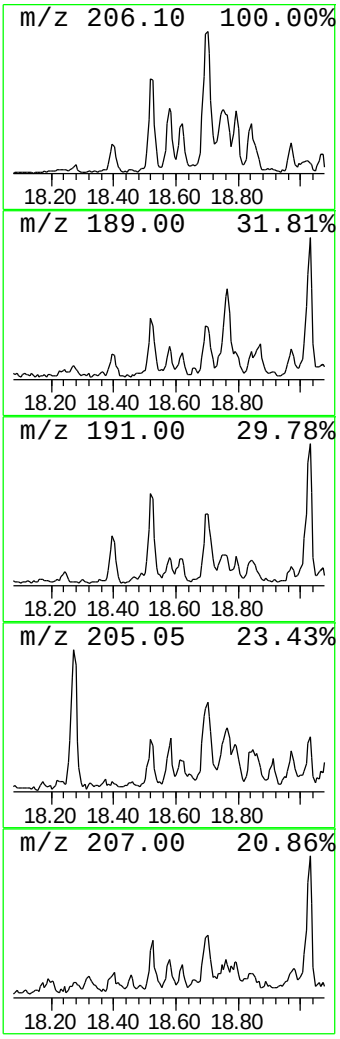
Peak Number 37 9,10-Dimethylanthracene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	5.47 ng/ul	100913	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86





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Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

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Quant Title : SVOA CALIBRATION

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

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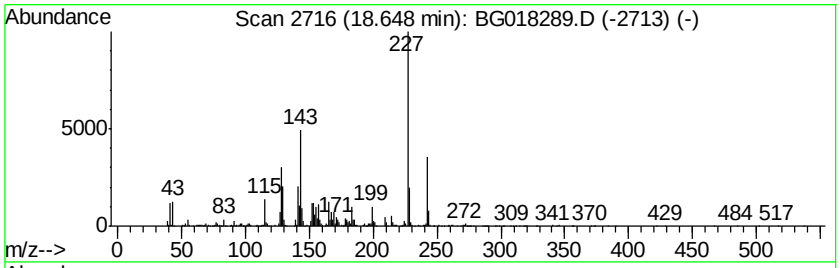
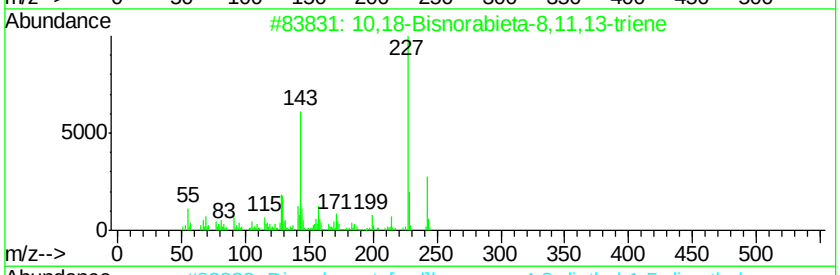
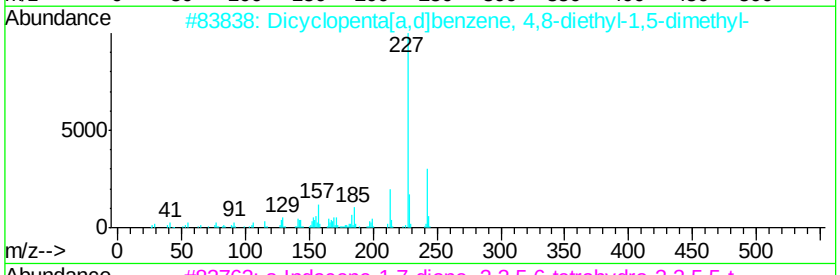
Peak Number 38 10,18-Bisnorabieta-8,11,13-... Concentration Rank 4

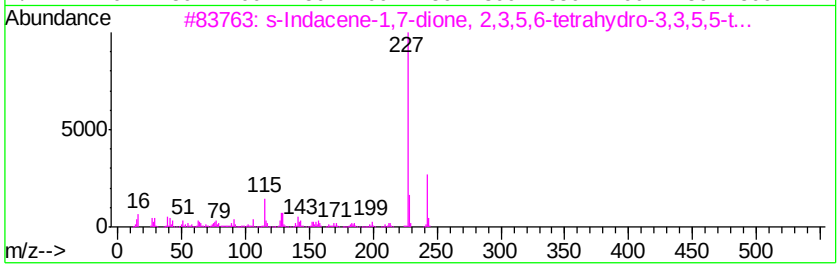
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	51.59 ng/ul	952149	Phenanthrene-d10	16.89

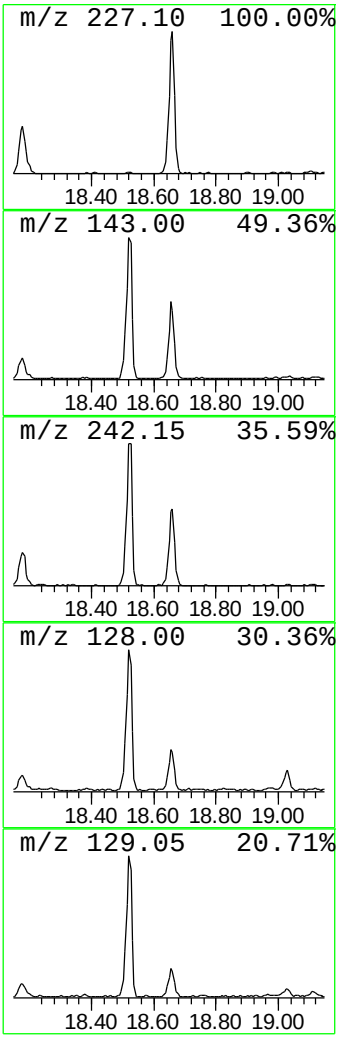
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	91
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	78
3	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	49
4	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	43
5	2-(4'-Hydroxyphenyl)-2-(4'-metho...	242	C16H18O2	016530-58-8	38











Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

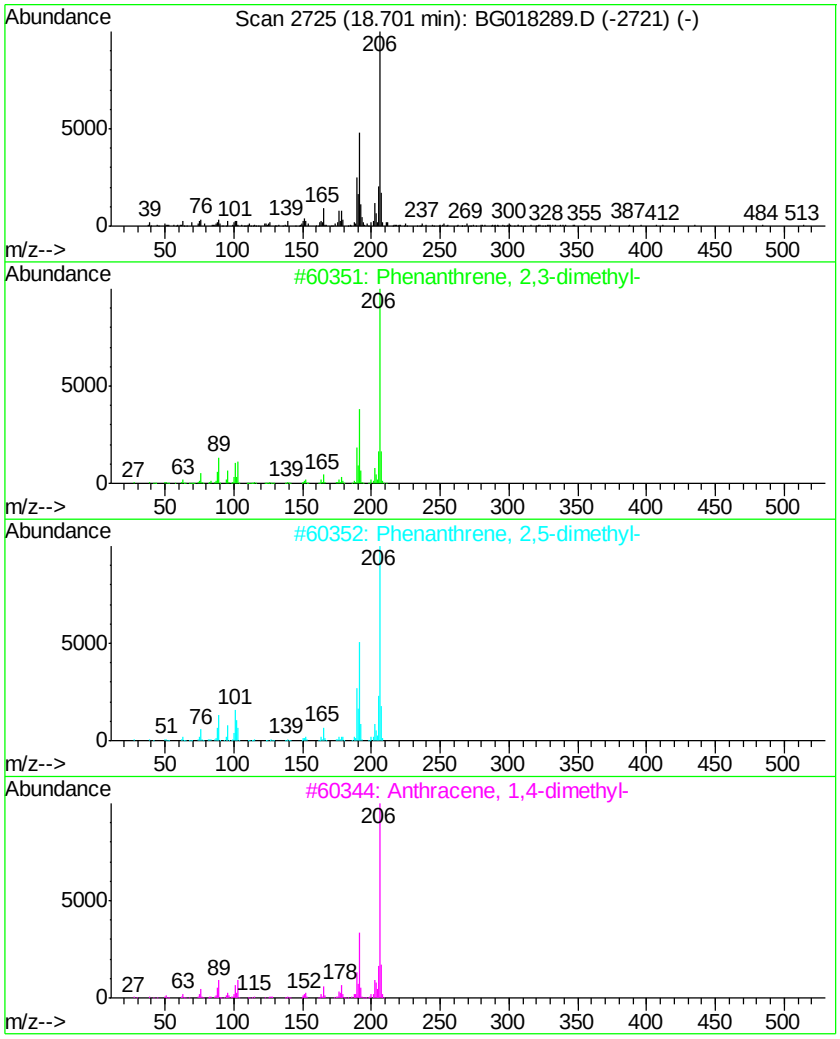
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

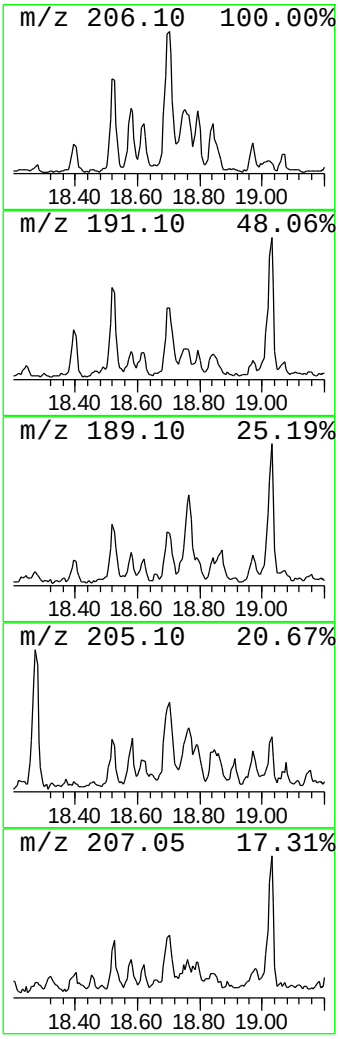
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Phenanthrene, 2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	10.94 ng/ul	201969	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

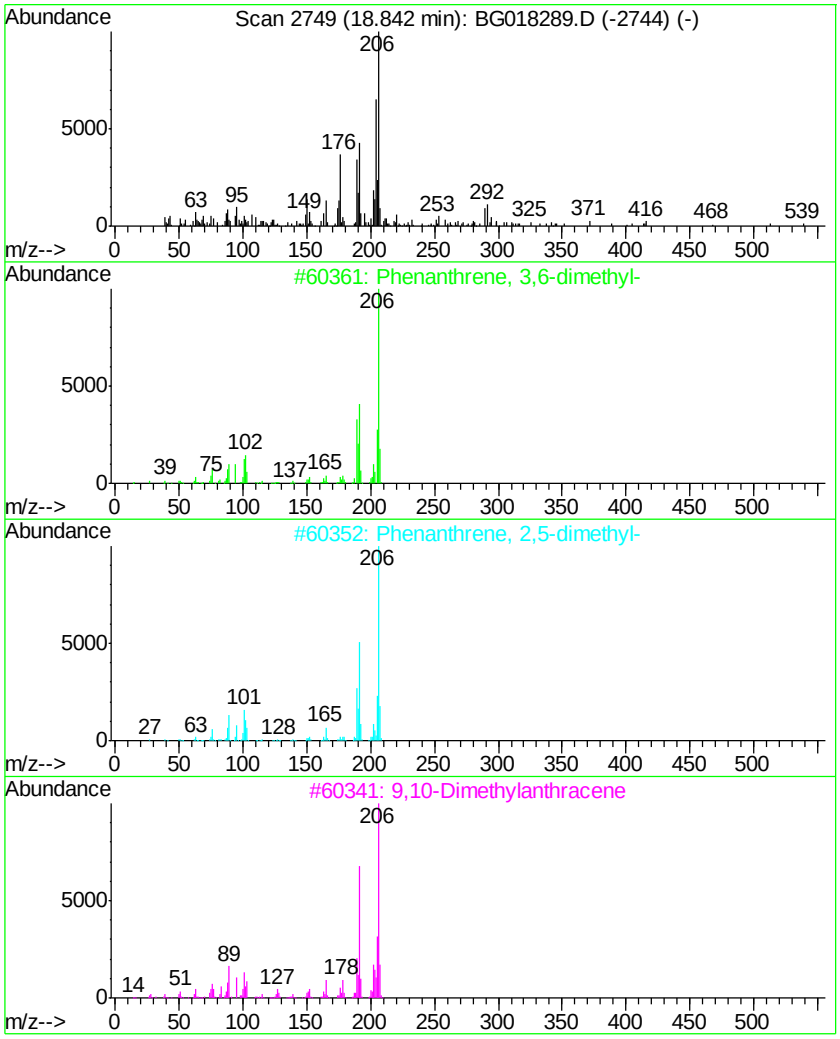
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

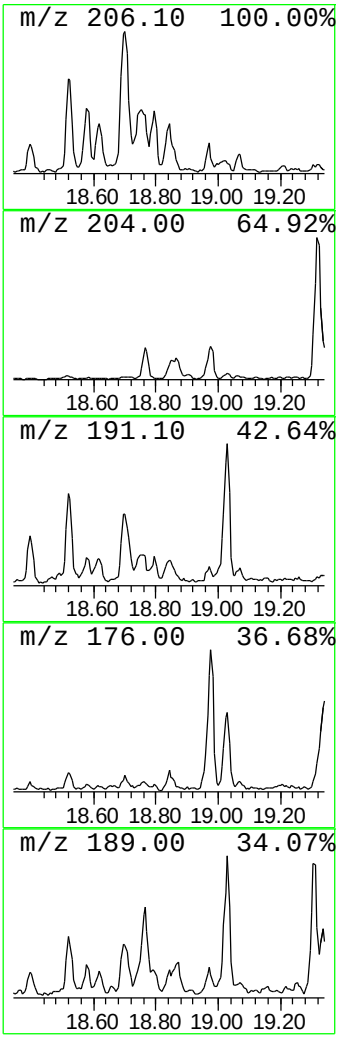
****

Peak Number 40 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	18.02 ng/ul	332611	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	52
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	52
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

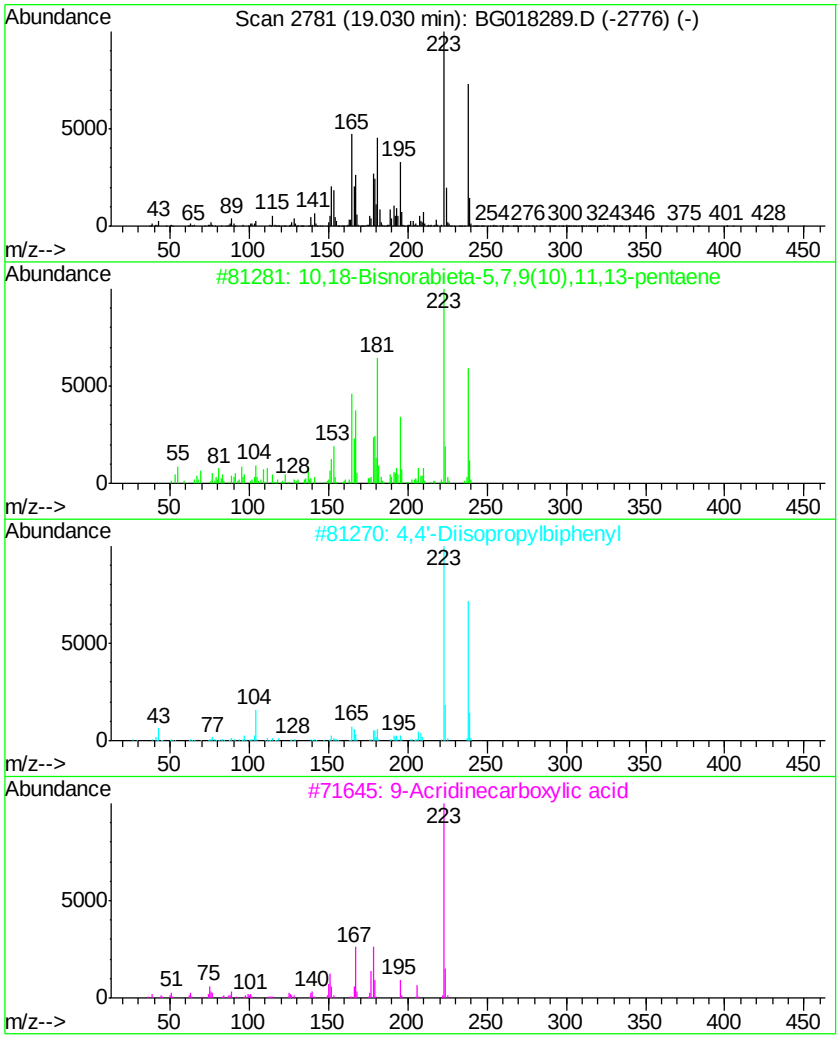
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

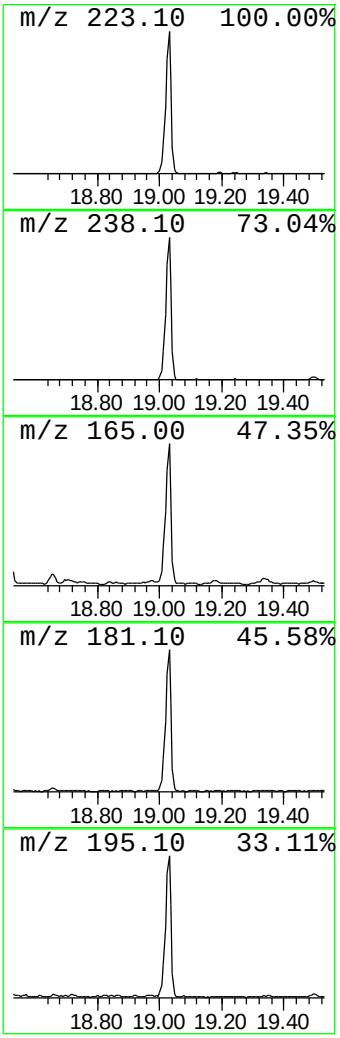
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	24.87 ng/ul	3947090	Chrysene-d12	21.11

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	50
3	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	43
4	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	38
5	4,6-Dimethyl-2-(thiazol-2-ylcarb...	322	C13H14N4O2S2	1000275-86-7	38





Library Search Compound Report

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Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

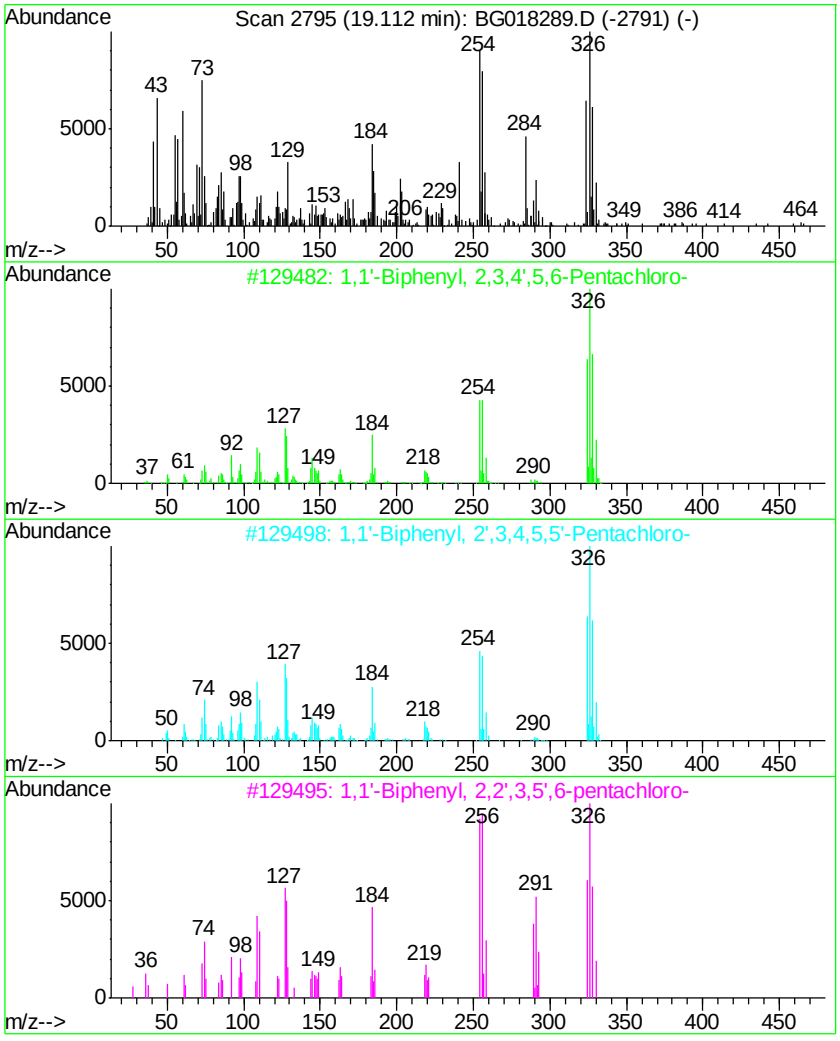
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

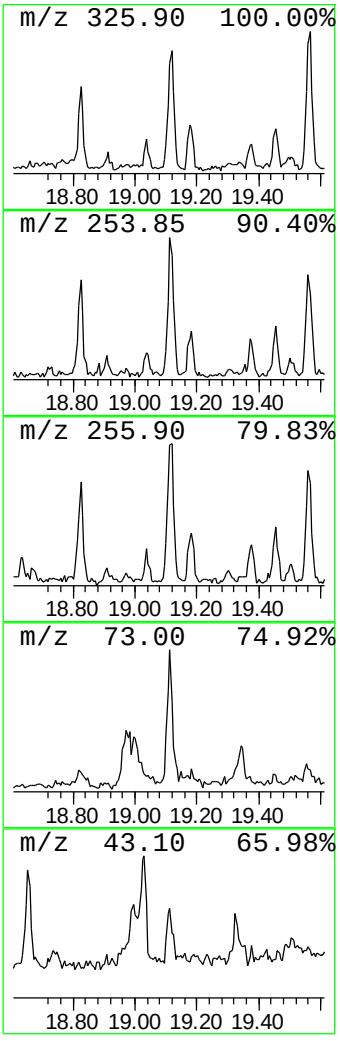
****

Peak Number 42 1,1'-Biphenyl, 2,3,4',5,6-P... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	2.50 ng/ul	396400	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	94
2	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	94
3	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	94
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	93
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	93





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Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

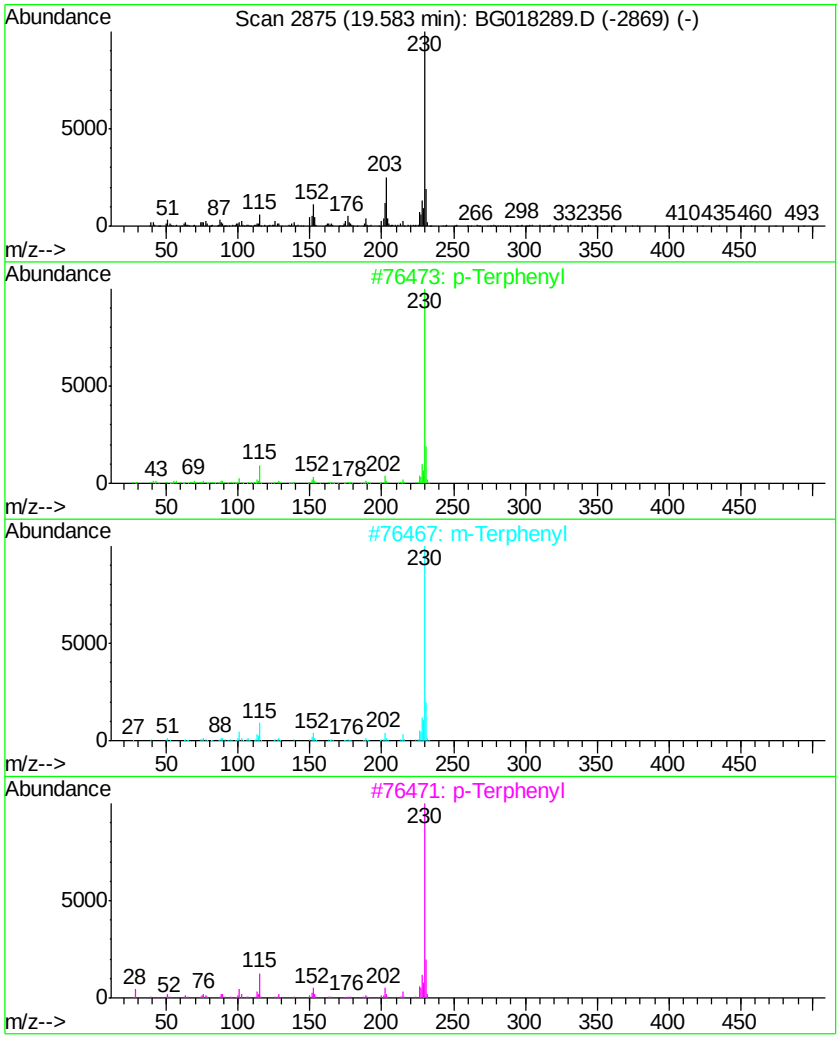
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

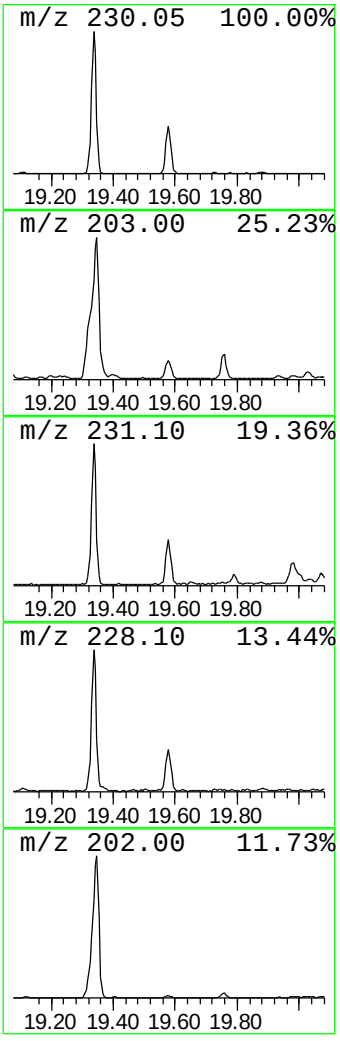
****

Peak Number 43 p-Terphenyl Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	4.98 ng/ul	791101	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Terphenyl	230	C18H14	000092-94-4	96
2	m-Terphenyl	230	C18H14	000092-06-8	90
3	p-Terphenyl	230	C18H14	000092-94-4	90
4	m-Terphenyl	230	C18H14	000092-06-8	89
5	p-Terphenyl	230	C18H14	000092-94-4	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

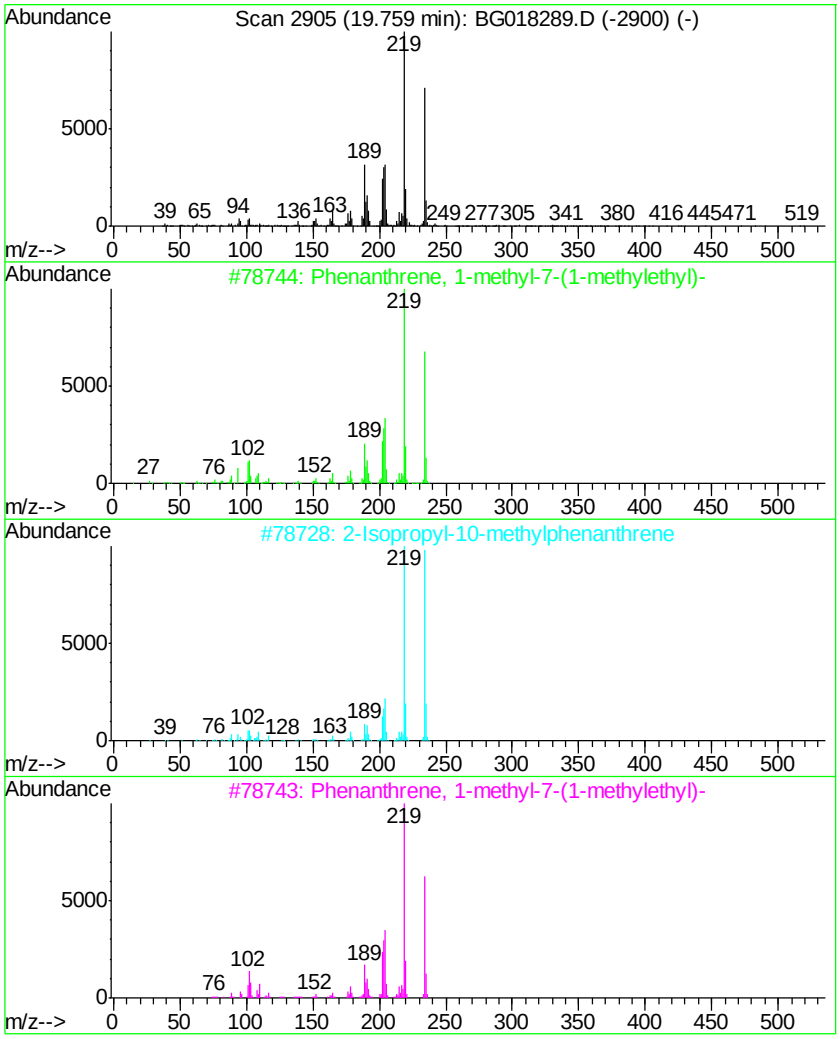
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

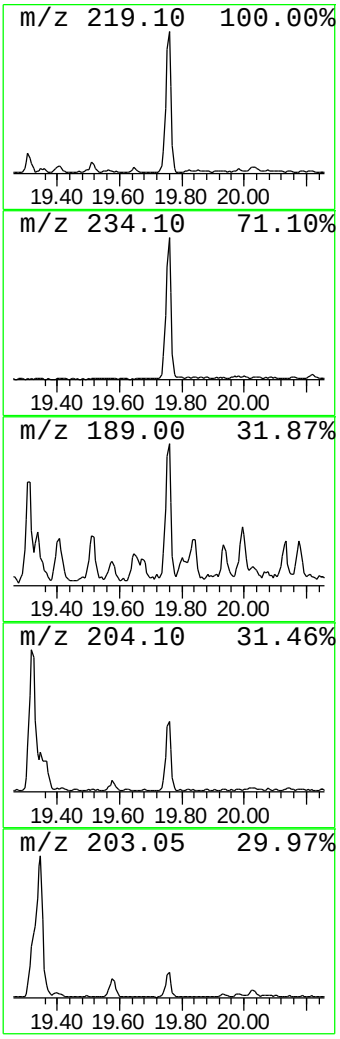
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Phenanthrene, 1-methyl-7-(1... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	5.74 ng/ul	911140	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	97
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	96
3	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	96
4	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	93
5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	78





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Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

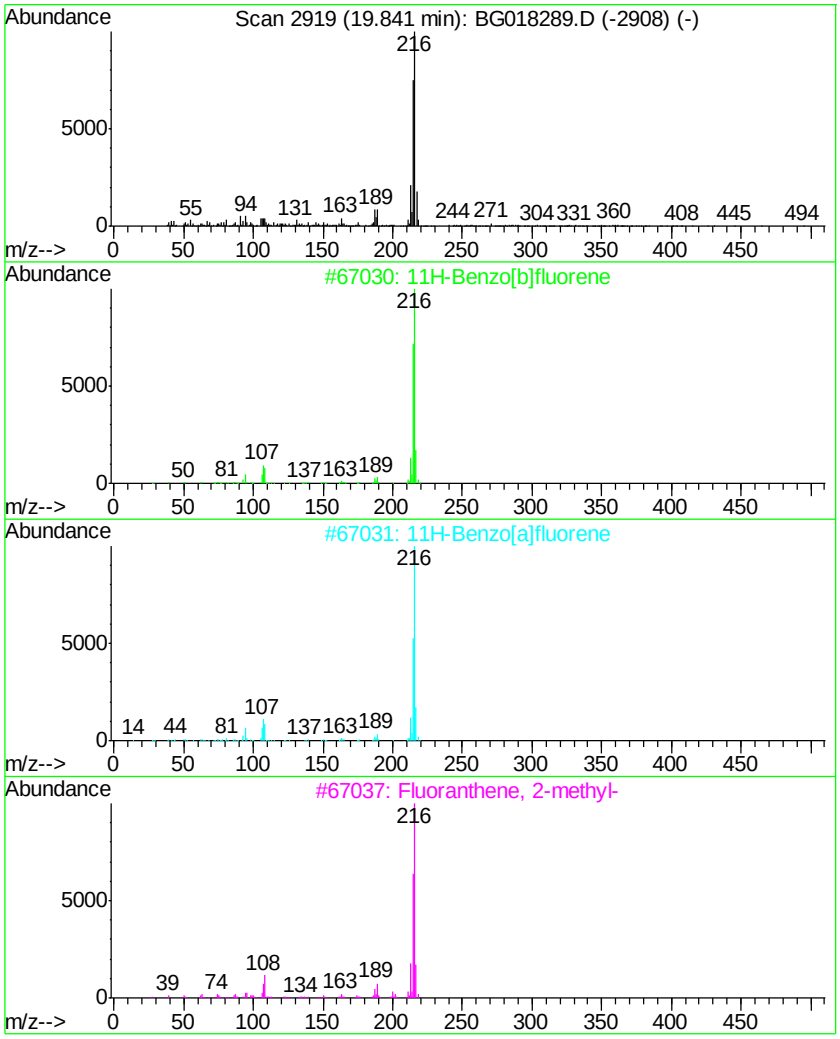
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

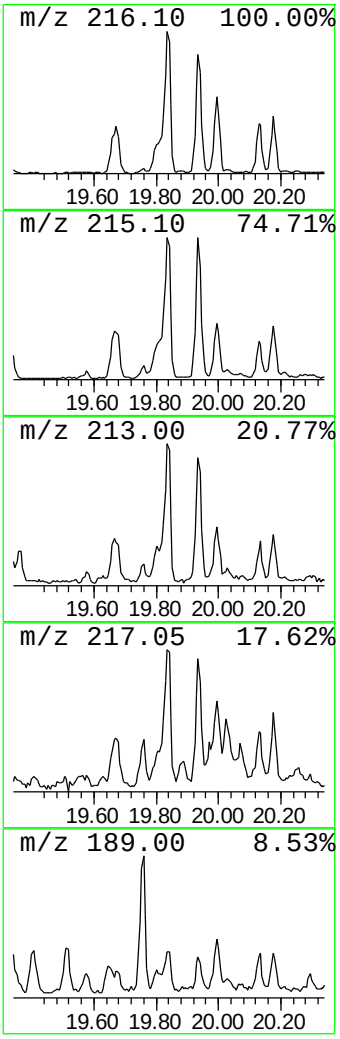
****

Peak Number 45 11H-Benzo[b]fluorene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	8.07 ng/ul	1280580	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

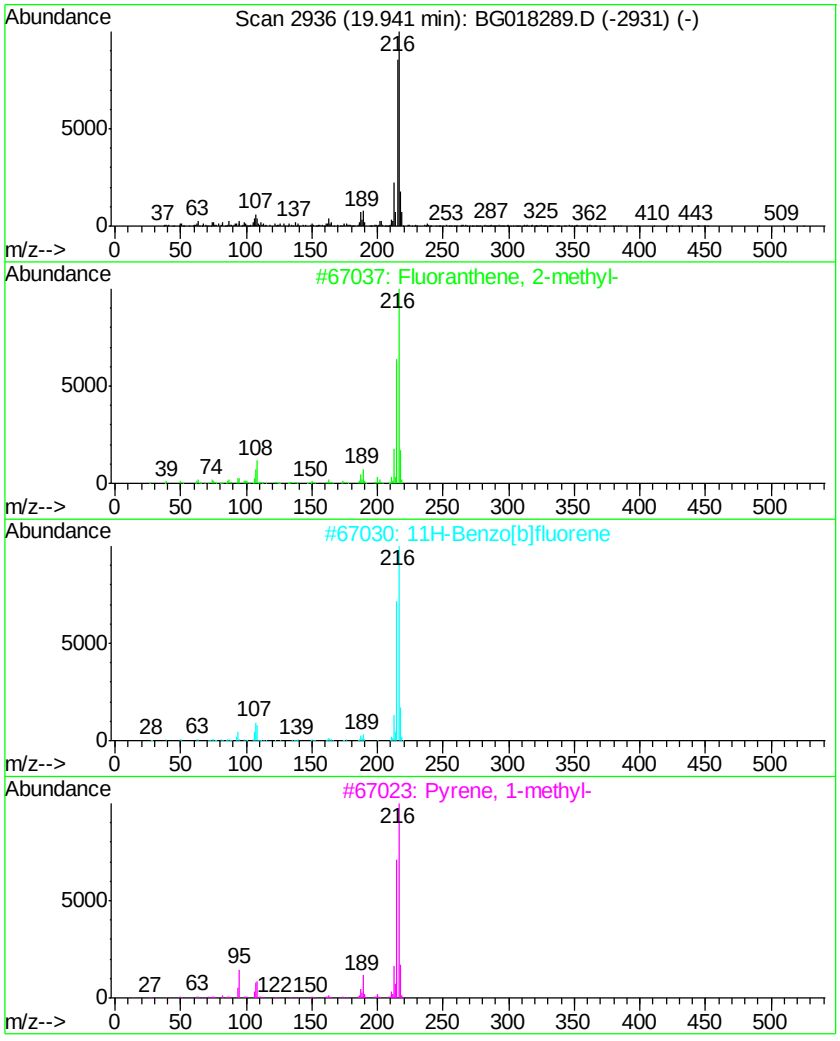
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

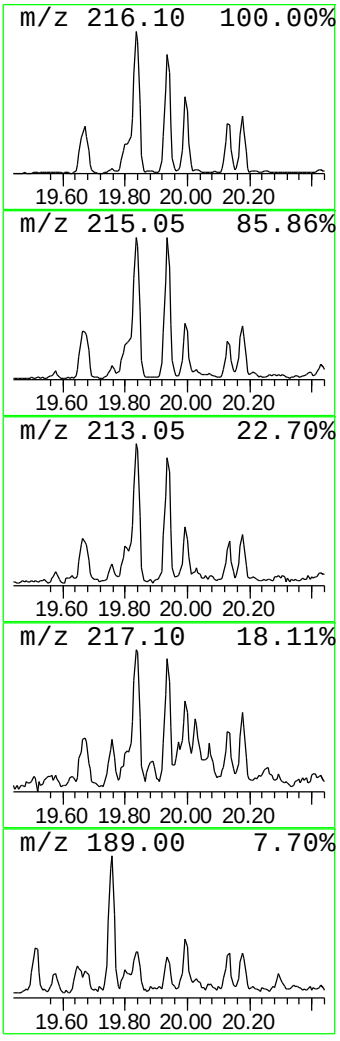
****

Peak Number 46 Fluoranthene, 2-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	3.76 ng/ul	596305	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

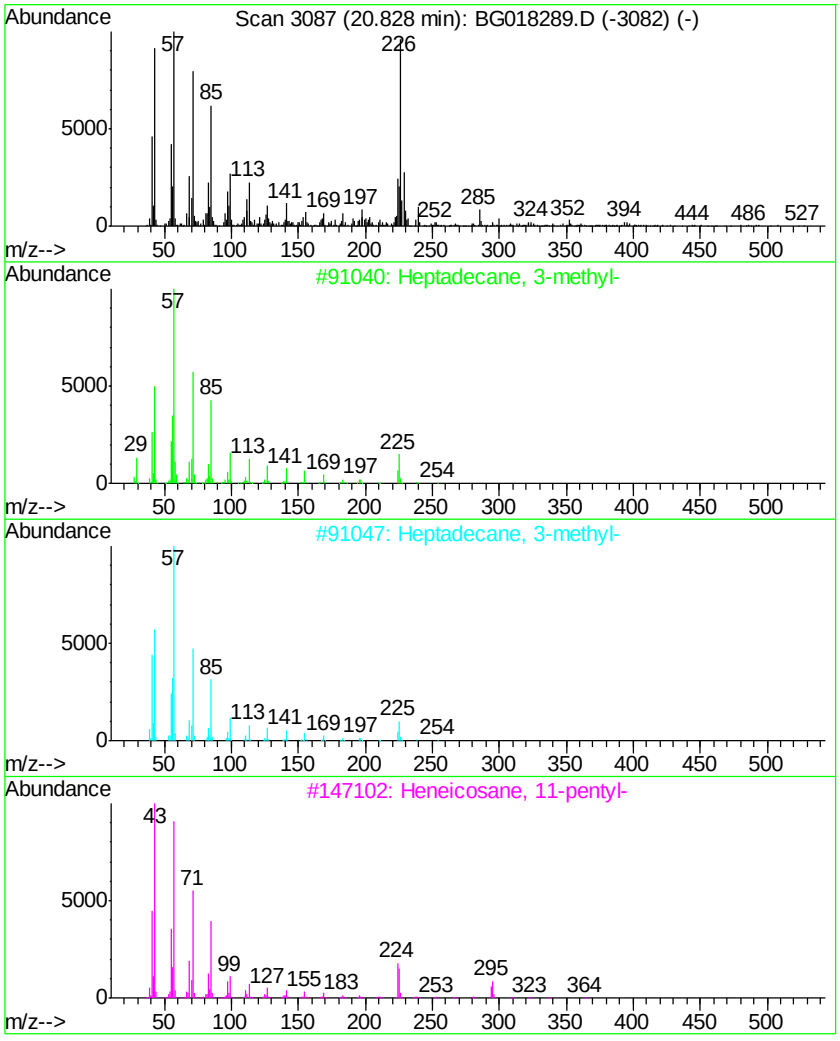
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

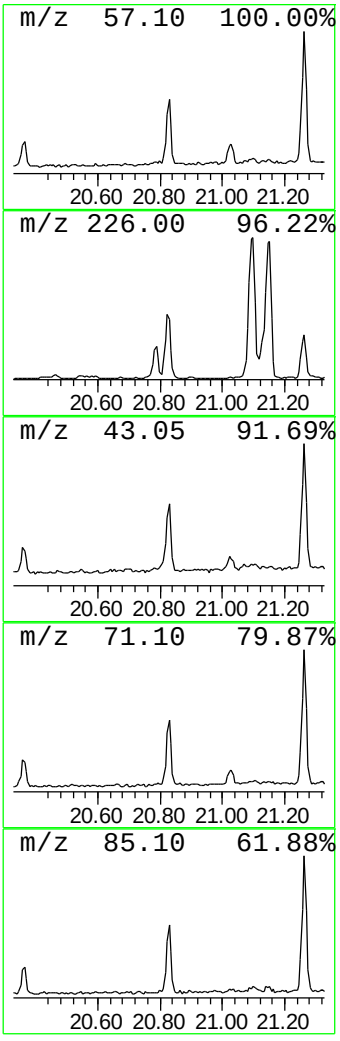
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	7.34 ng/ul	1164740	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	60
2	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	55
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	53
4	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	49
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

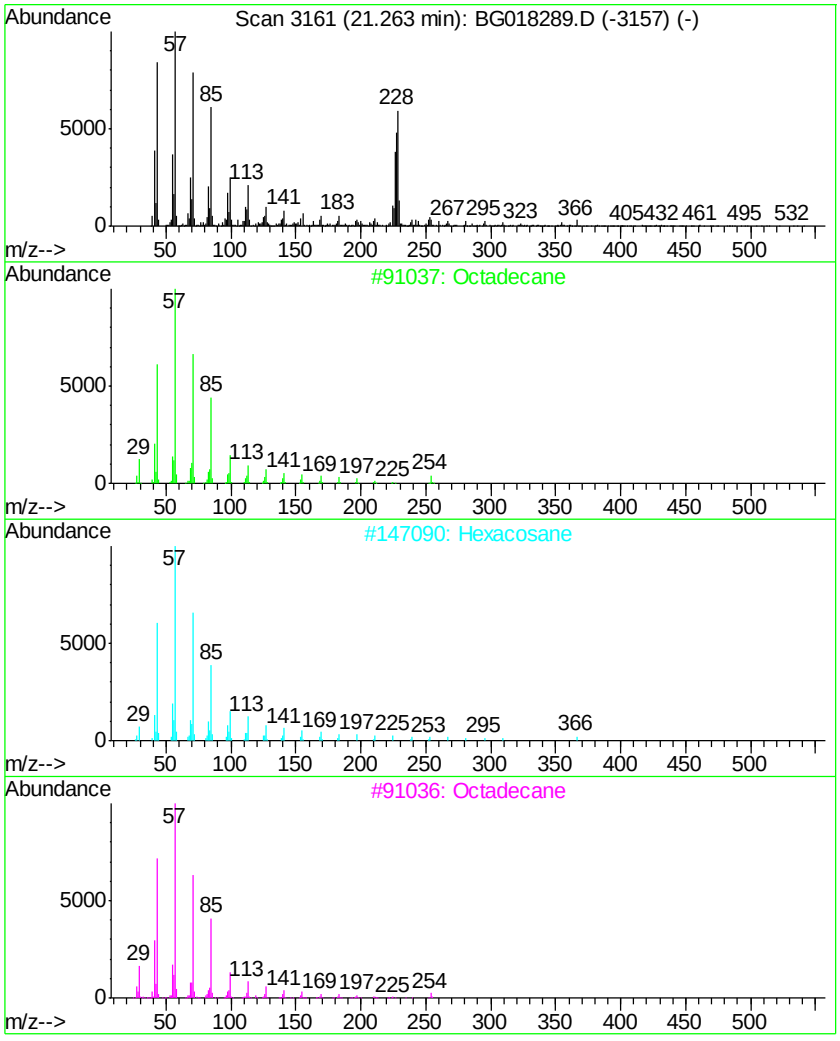
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

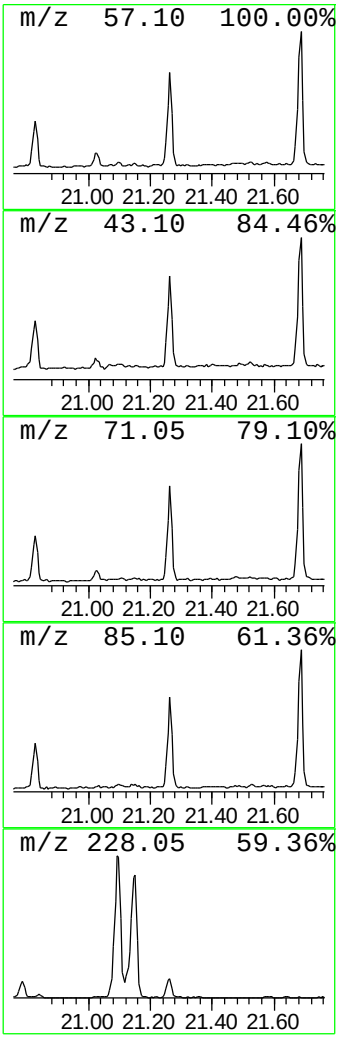
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	8.99 ng/ul	1426210	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64





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Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
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Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

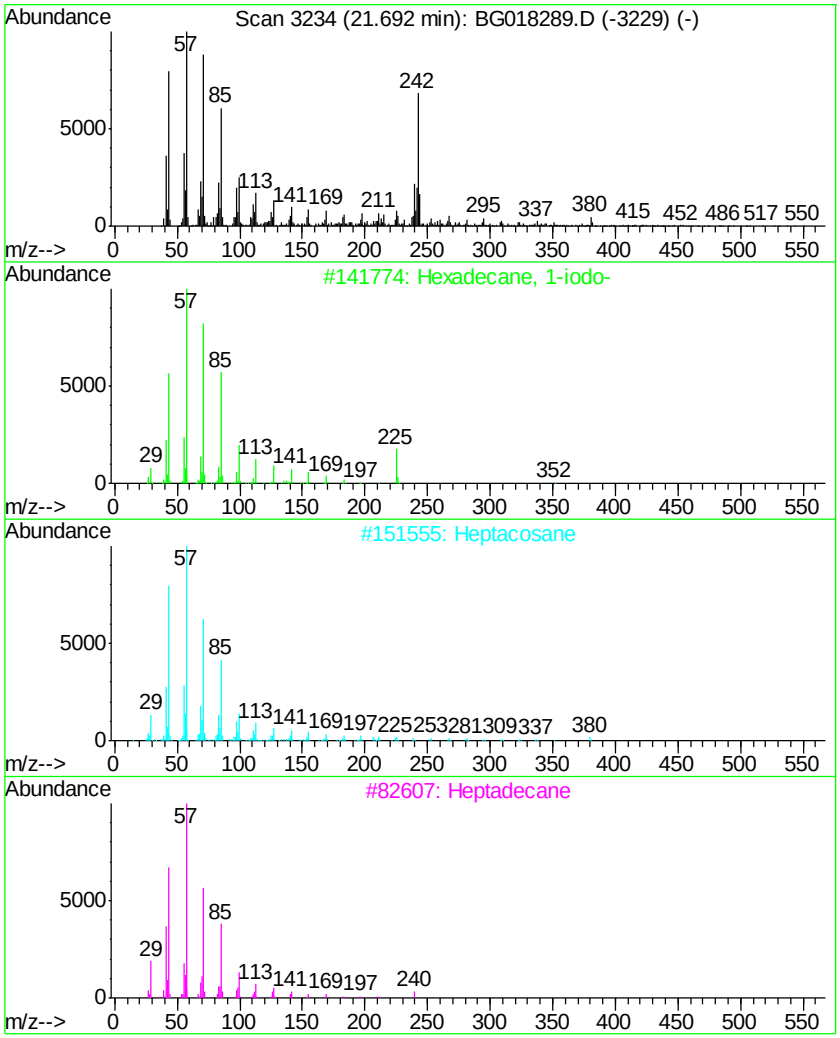
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

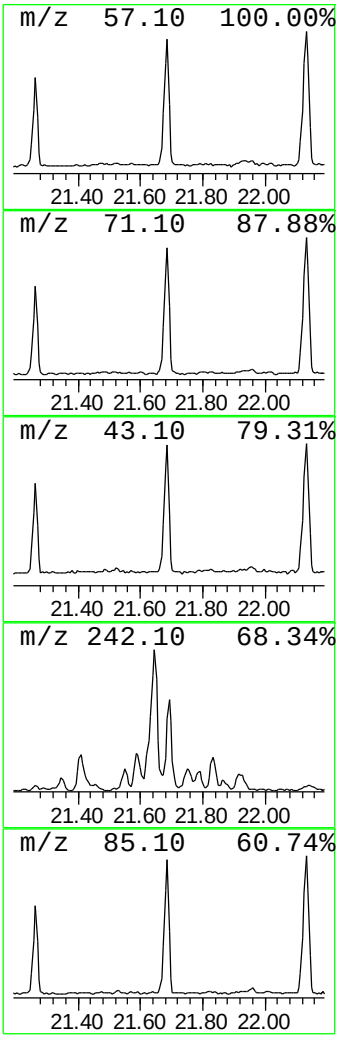
****

Peak Number 49 Hexadecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	12.71 ng/ul	2017130	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	Heptacosane	380	C27H56	000593-49-7	95
3	Heptadecane	240	C17H36	000629-78-7	95
4	Heptadecane	240	C17H36	000629-78-7	95
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

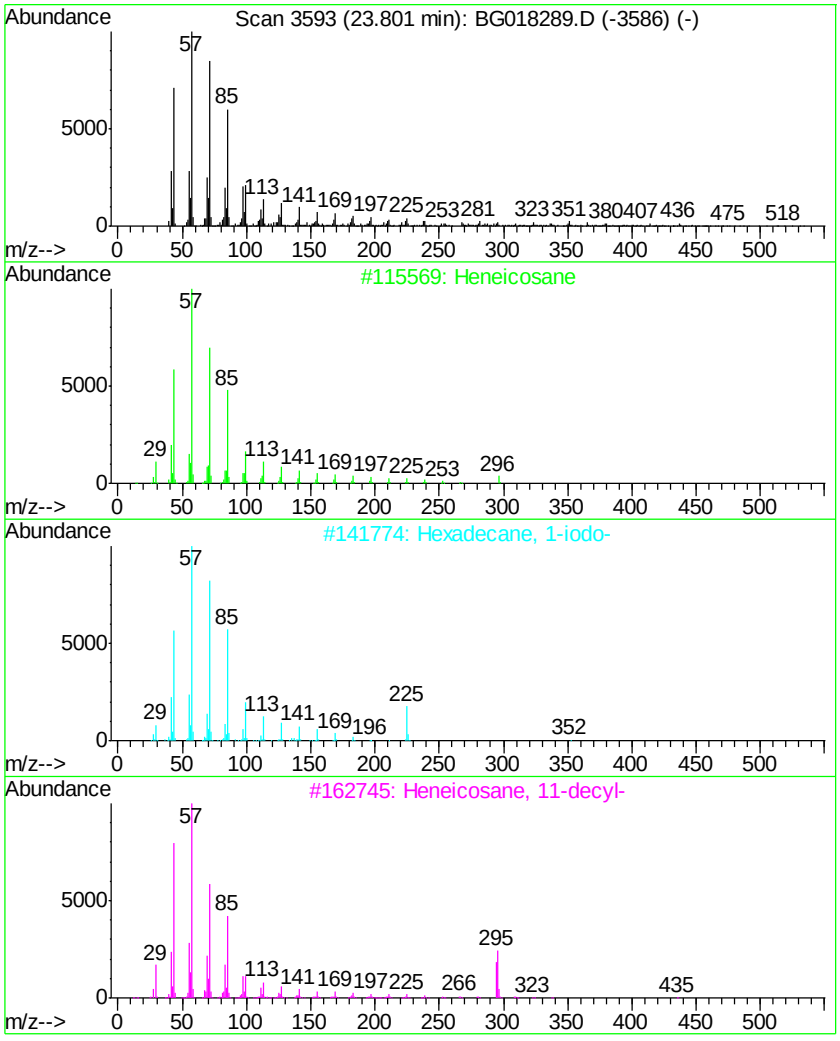
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

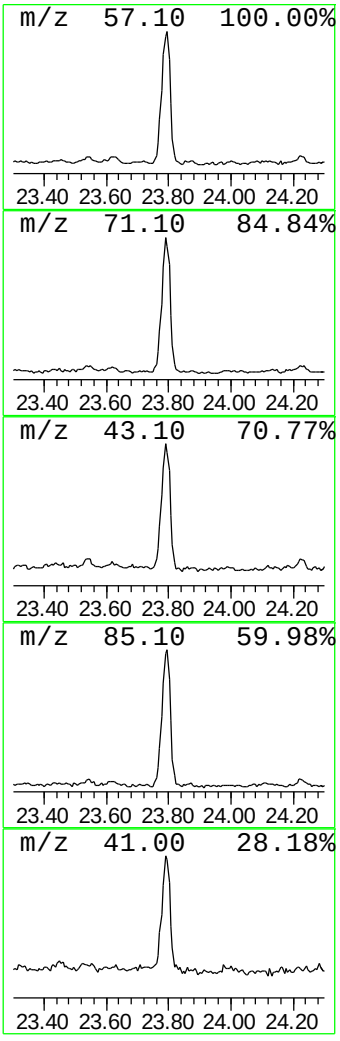
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	18.16 ng/ul	2289310	Perylene-d12	23.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

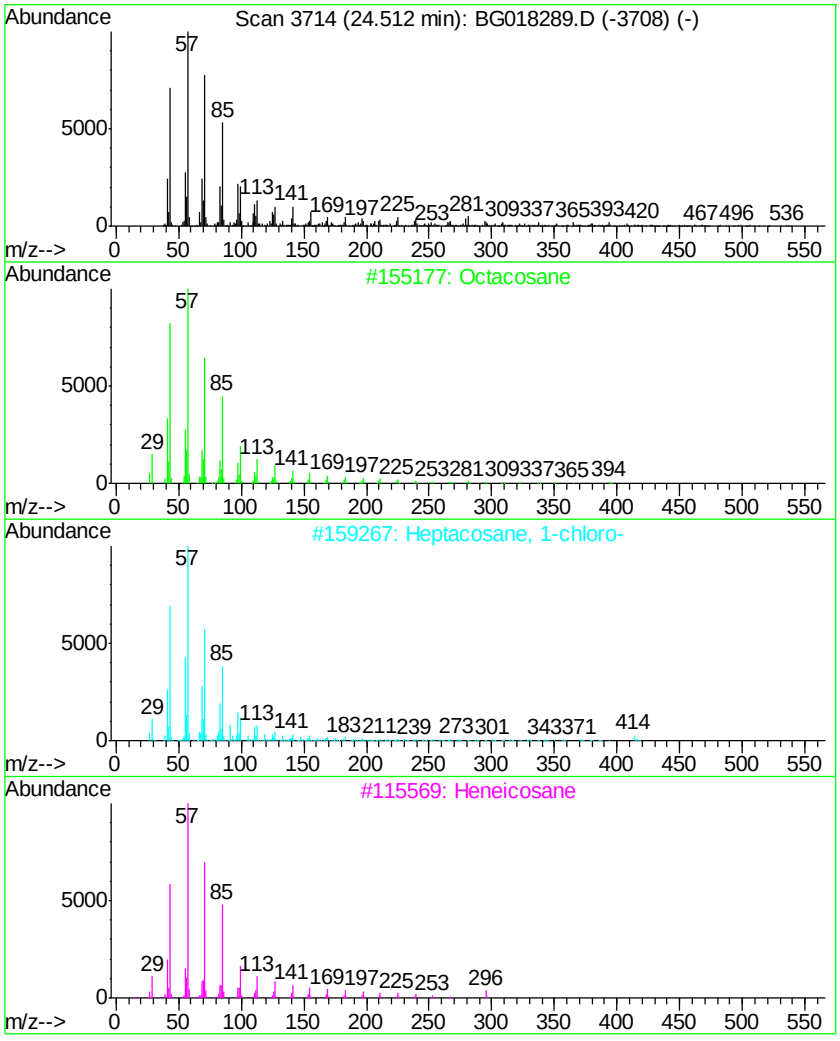
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

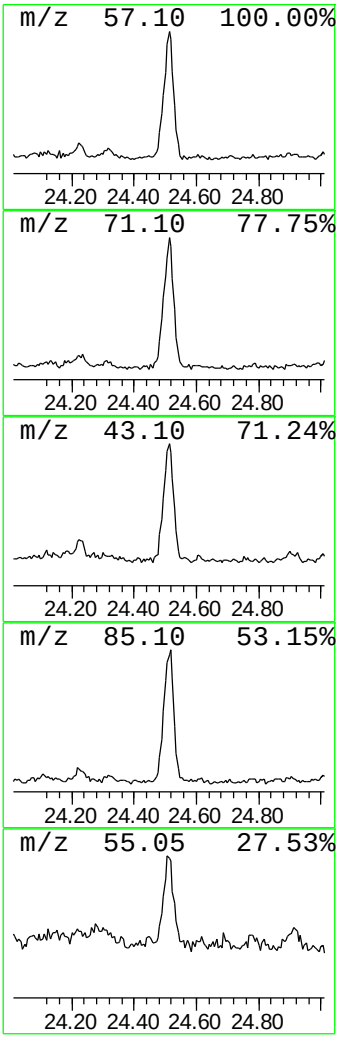
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.51	11.13 ng/ul	1403060	Perylene-d12	23.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	97
3	Heneicosane	296	C21H44	000629-94-7	96
4	Docosane	310	C22H46	000629-97-0	96
5	Octadecane	254	C18H38	000593-45-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.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...	13.14	3.8	ng/ul	106050	3	14.12	561437	20.0
Naphthalene, 1,3-...	13.28	3.5	ng/ul	99267	3	14.12	561437	20.0
Naphthalene, 2,7-...	13.44	7.5	ng/ul	210162	3	14.12	561437	20.0
Naphthalene, 2,3-...	13.68	3.4	ng/ul	96477	3	14.12	561437	20.0
3-(2-Methyl-prope...	14.34	3.9	ng/ul	109030	3	14.12	561437	20.0
Naphthalene, 1,4,...	14.91	4.0	ng/ul	111853	3	14.12	561437	20.0
1,1'-Biphenyl, 2-...	15.35	7.0	ng/ul	195934	3	14.12	561437	20.0
Benzene, [1-(2,4-...	15.39	5.3	ng/ul	150280	3	14.12	561437	20.0
Dibenzofuran, 4-m...	15.48	11.2	ng/ul	314662	3	14.12	561437	20.0
9H-Fluoren-9-ol	15.62	14.6	ng/ul	268537	4	16.89	369125	20.0
[1,1'-Biphenyl]-4...	15.71	6.0	ng/ul	111156	4	16.89	369125	20.0
unknown15.86	15.86	5.5	ng/ul	101498	4	16.89	369125	20.0
unknown-02	15.89	11.5	ng/ul	212706	4	16.89	369125	20.0
2H-Imidazo[4,5-b]...	15.98	6.9	ng/ul	127235	4	16.89	369125	20.0
unknown-03	16.04	7.5	ng/ul	139235	4	16.89	369125	20.0
unknown-04	16.10	5.7	ng/ul	104213	4	16.89	369125	20.0
9H-Fluorene, 1-me...	16.19	16.1	ng/ul	297303	4	16.89	369125	20.0
9H-Fluorene, 2-me...	16.24	8.8	ng/ul	161813	4	16.89	369125	20.0
unknown-05	16.32	7.6	ng/ul	140254	4	16.89	369125	20.0
9H-Fluoren-9-one	16.54	5.0	ng/ul	91317	4	16.89	369125	20.0
Phenanthrene, 1,2...	16.63	9.0	ng/ul	166713	4	16.89	369125	20.0
2-Propanol, 1-chl...	16.66	12.0	ng/ul	221167	4	16.89	369125	20.0
Dibenzothiophene	16.70	29.0	ng/ul	534886	4	16.89	369125	20.0
Benzo[g]quinoline	17.08	9.7	ng/ul	179529	4	16.89	369125	20.0
Dibenzo[a,e]cyclo...	17.40	5.5	ng/ul	100915	4	16.89	369125	20.0
Dibenzothiophene,...	17.47	9.1	ng/ul	167684	4	16.89	369125	20.0
o-Terphenyl	17.54	16.5	ng/ul	304403	4	16.89	369125	20.0
Dibenzothiophene,...	17.61	9.8	ng/ul	181700	4	16.89	369125	20.0
Phenanthrene, 2-m...	17.77	47.4	ng/ul	874860	4	16.89	369125	20.0
Phenanthrene, 1-m...	17.81	89.3	ng/ul	1649030	4	16.89	369125	20.0
4H-Cyclopenta[def...	17.96	92.6	ng/ul	1709420	4	16.89	369125	20.0
Anthracene, 1-met...	18.00	28.2	ng/ul	520509	4	16.89	369125	20.0
Dicyclopenta[a,d]...	18.18	30.7	ng/ul	566937	4	16.89	369125	20.0
5,16[1',2']:8,13[...	18.27	23.4	ng/ul	431979	4	16.89	369125	20.0
9,10-Anthracenedione	18.32	9.7	ng/ul	179135	4	16.89	369125	20.0
4b,8-Dimethyl-2-i...	18.52	278.0	ng/ul	5130270	4	16.89	369125	20.0
9,10-Dimethylanth...	18.58	5.5	ng/ul	100913	4	16.89	369125	20.0
10,18-Bisnorabiet...	18.65	51.6	ng/ul	952149	4	16.89	369125	20.0
Phenanthrene, 2,3...	18.70	10.9	ng/ul	201969	4	16.89	369125	20.0
Phenanthrene, 3,6...	18.84	18.0	ng/ul	332611	4	16.89	369125	20.0
10,18-Bisnorabiet...	19.03	24.9	ng/ul	3947090	5	21.11	3174630	20.0
1,1'-Biphenyl, 2,...	19.11	2.5	ng/ul	396400	5	21.11	3174630	20.0
p-Terphenyl	19.58	5.0	ng/ul	791101	5	21.11	3174630	20.0
Phenanthrene, 1-m...	19.76	5.7	ng/ul	911140	5	21.11	3174630	20.0
11H-Benzo[b]fluorene	19.84	8.1	ng/ul	1280580	5	21.11	3174630	20.0
Fluoranthene, 2-m...	19.94	3.8	ng/ul	596305	5	21.11	3174630	20.0
(DEL) Alkane: Str...	20.83	7.3	ng/ul	1164740	5	21.11	3174630	20.0
(DEL) Alkane: Str...	21.26	9.0	ng/ul	1426210	5	21.11	3174630	20.0
Hexadecane, 1-iodo-	21.69	12.7	ng/ul	2017130	5	21.11	3174630	20.0

(DEL) Alkane: Str...	23.80	18.2	ng/ul	2289310	6	23.28	2521730	20.0	
(DEL) Alkane: Str...	24.51	11.1	ng/ul	1403060	6	23.28	2521730	20.0	

Instrument :
BNA_G
ClientSampleId :
C01W3RE