LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020539.D
Acq On : 26 Dec 2015 14:11
Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

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-BG122415.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	7.239	741	749	750	rBV	64365	102670	4.65%	0.361%
2	7.262	750	753	763	rVB	78204	133793	6.06%	0.471%
3	7.397	770	776	783	rBV	46747	75773	3.43%	0.267%
4	7.603	805	811	820	rVB	60020	101559	4.60%	0.357%
5	8.073	883	891	900	rBB	80583	134340	6.08%	0.473%
6	8.520	960	967	974	rBB2	41526	67059	3.04%	0.236%
7	8.614	977	983	994	rVV	77739	131012	5.93%	0.461%
8	8.784	1006	1012	1017	rBV2	79581	131770	5.97%	0.464%
9	8.849	1017	1023	1033	rVB	96262	182192	8.25%	0.641%
10	9.242	1084	1090	1096	rBV	58509	105781	4.79%	0.372%
11	9.971	1208	1214	1222	rVB	50639	90188	4.08%	0.317%
12	10.318	1263	1273	1277	rBV3	30236	76821	3.48%	0.270%
13	10.511	1298	1306	1315	rBB	84540	148753	6.74%	0.523%
14	10.893	1365	1371	1374	rVV	111285	193393	8.76%	0.681%
15	10.952	1374	1381	1388	rVV	849536	1575156	71.33%	5.543%
16	11.028	1388	1394	1398	rVV	68283	131570	5.96%	0.463%
17	11.064	1398	1400	1408	rVB	38811	58874	2.67%	0.207%
18	12.544	1642	1652	1659	rBV	394843	632626	28.65%	2.226%
19	12.762	1678	1689	1696	rVB	242621	400436	18.13%	1.409%
20	13.543	1812	1822	1831	rVB2	81572	153029	6.93%	0.539%
21	13.884	1870	1880	1888	rBV4	80335	220885	10.00%	0.777%
22	14.031	1896	1905	1910	rBV	145475	272475	12.34%	0.959%
23	14.084	1910	1914	1915	rVV	106139	127179	5.76%	0.448%
24	14.107	1915	1918	1923	rVV	170578	257993	11.68%	0.908%
25	14.160	1923	1927	1932	rVV2	46417	76134	3.45%	0.268%
26	14.266	1940	1945	1949	rVV	73908	121491	5.50%	0.428%
27	14.407	1962	1969	1971	rBV	185937	297343	13.46%	1.046%
28	14.436	1971	1974	1983	rVV	273821	409230	18.53%	1.440%
29	14.677	2010	2015	2017	rBV	47558	73843	3.34%	0.260%
30	14.712	2017	2021	2027	rVV2	193828	305925	13.85%	1.077%
31	14.777	2027	2032	2039	rVB2	67036	121584	5.51%	0.428%
32	14.912	2049	2055	2064	rBV	60421	118703	5.38%	0.418%
33	15.106	2076	2088	2096	rVV	266548	441785	20.01%	1.555%
34	15.177	2096	2100	2108	rVB	43209	70656	3.20%	0.249%

LSC Area Percent Report

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Data File : BG020539.D
Acq On : 26 Dec 2015 14:11
Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

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-BG122415.M
Title : SVOA CALIBRATION

35	15.318	2118	2124	2129	rBV5	44431	89208	4.04%	0.314%
36	15.376	2129	2134	2144	rVB2	41182	74564	3.38%	0.262%
37	15.494	2144	2154	2157	rBV3	32012	80587	3.65%	0.284%
38	15.529	2157	2160	2164	rVV2	56563	72447	3.28%	0.255%
39	15.699	2185	2189	2194	rVV	279020	442180	20.02%	1.556%
40	15.758	2194	2199	2207	rVV	390026	640210	28.99%	2.253%
41	15.829	2207	2211	2217	rVV2	59734	108019	4.89%	0.380%
42	15.917	2222	2226	2230	rVV4	27711	60494	2.74%	0.213%
43	15.964	2231	2234	2241	rVV5	27296	63094	2.86%	0.222%
44	16.046	2242	2248	2253	rVV	77294	145915	6.61%	0.513%
45	16.169	2263	2269	2270	rVV	73949	99009	4.48%	0.348%
46	16.193	2270	2273	2281	rVB	101860	204423	9.26%	0.719%
47	16.393	2302	2307	2309	rBV	45698	58160	2.63%	0.205%
48	16.757	2357	2369	2374	rBV3	85773	184343	8.35%	0.649%
49	16.810	2374	2378	2383	rVB	43699	65200	2.95%	0.229%
50	16.904	2389	2394	2399	rVB	44799	68577	3.11%	0.241%
51	16.986	2399	2408	2411	rBV2	38383	78588	3.56%	0.277%
52	17.186	2437	2442	2447	rVB3	63481	96129	4.35%	0.338%
53	17.274	2453	2457	2465	rVB	102036	166987	7.56%	0.588%
54	17.456	2481	2488	2491	rBV	269413	431553	19.54%	1.519%
55	17.503	2491	2496	2501	rVV	1393756	2208306	100.00%	7.771%
56	17.562	2501	2506	2508	rVV	309377	474173	21.47%	1.669%
57	17.597	2508	2512	2516	rVV	484928	721290	32.66%	2.538%
58	17.862	2544	2557	2564	rBV	144435	290956	13.18%	1.024%
59	18.332	2627	2637	2641	rBV	210620	344109	15.58%	1.211%
60	18.379	2641	2645	2651	rVB	273320	415407	18.81%	1.462%
61	18.461	2651	2659	2664	rBV	148315	227344	10.29%	0.800%
62	18.531	2664	2671	2675	rBV3	308314	637281	28.86%	2.243%
63	18.561	2675	2676	2682	rVV2	142804	143781	6.51%	0.506%
64	18.614	2682	2685	2692	rVB4	30787	60814	2.75%	0.214%
65	18.825	2716	2721	2726	rVB	125647	173882	7.87%	0.612%
66	19.242	2785	2792	2796	rBV	124907	225829	10.23%	0.795%
67	19.307	2798	2803	2806	rBV3	52846	84385	3.82%	0.297%
68	19.377	2811	2815	2819	rBV3	33428	65347	2.96%	0.230%
69	19.507	2830	2837	2843	rBV	1013522	1502181	68.02%	5.286%
70	19.601	2849	2853	2857	rVB2	43855	59800	2.71%	0.210%
71	19.654	2857	2862	2867	rBV	133663	198552	8.99%	0.699%

LSC Area Percent Report

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Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Title : SVOA CALIBRATION

72	19.742	2871	2877	2882	rBV4	41812	99102	4.49%	0.349%
73	19.842	2887	2894	2896	rVV2	510439	826086	37.41%	2.907%
74	19.871	2896	2899	2906	rVV	940048	1353023	61.27%	4.761%
75	19.936	2906	2910	2916	rVB3	72119	120486	5.46%	0.424%
76	20.041	2924	2928	2933	rVB	67679	104299	4.72%	0.367%
77	20.106	2934	2939	2945	rVB	53141	94250	4.27%	0.332%
78	20.188	2947	2953	2959	rBV3	85637	206185	9.34%	0.726%
79	20.359	2970	2982	2986	rVV	233992	496863	22.50%	1.748%
80	20.459	2994	2999	3002	rBV	216019	287116	13.00%	1.010%
81	20.517	3002	3009	3013	rVB2	114855	203682	9.22%	0.717%
82	20.652	3029	3032	3036	rBV	71257	95020	4.30%	0.334%
83	20.699	3036	3040	3044	rBV	81555	108569	4.92%	0.382%
84	21.075	3100	3104	3108	rBV2	36228	66935	3.03%	0.236%
85	21.311	3140	3144	3147	rBV	46251	76404	3.46%	0.269%
86	21.346	3147	3150	3155	rVB2	138730	199195	9.02%	0.701%
87	21.404	3155	3160	3164	rBV2	64656	99645	4.51%	0.351%
88	21.722	3207	3214	3220	rBV3	563173	1417034	64.17%	4.987%
89	21.781	3220	3224	3236	rVB	367318	656848	29.74%	2.311%
90	21.933	3246	3250	3256	rBV	52779	88756	4.02%	0.312%
91	22.145	3282	3286	3293	rVB2	48853	96225	4.36%	0.339%
92	22.468	3337	3341	3348	rVB	78237	159626	7.23%	0.562%
93	22.691	3375	3379	3384	rVB2	41411	68925	3.12%	0.243%
94	22.750	3384	3389	3393	rBV3	38685	75717	3.43%	0.266%
95	23.966	3588	3596	3603	rBV	188929	638156	28.90%	2.246%
96	24.225	3634	3640	3649	rVB	56073	137586	6.23%	0.484%
97	24.701	3713	3721	3727	rBV	111217	299099	13.54%	1.053%
98	24.783	3728	3735	3741	rVV	195930	519367	23.52%	1.828%
99	24.853	3741	3747	3759	rVB	228447	621963	28.16%	2.189%
100	25.006	3762	3773	3780	rBV2	200924	595785	26.98%	2.097%

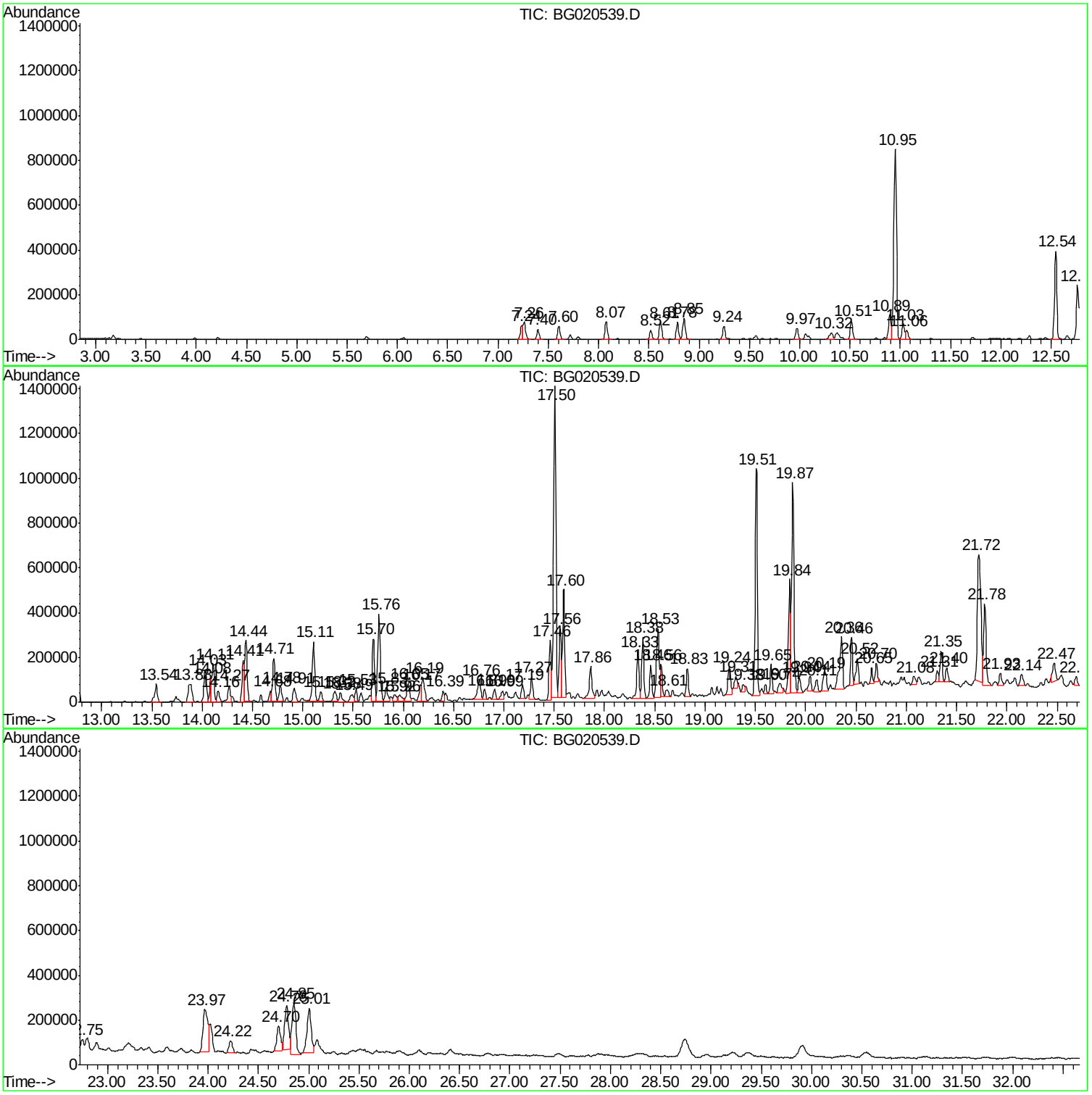
Sum of corrected areas: 28417092

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020539.D
Acq On : 26 Dec 2015 14:11
Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.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\BG122515\
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Quant Title : SVOA CALIBRATION

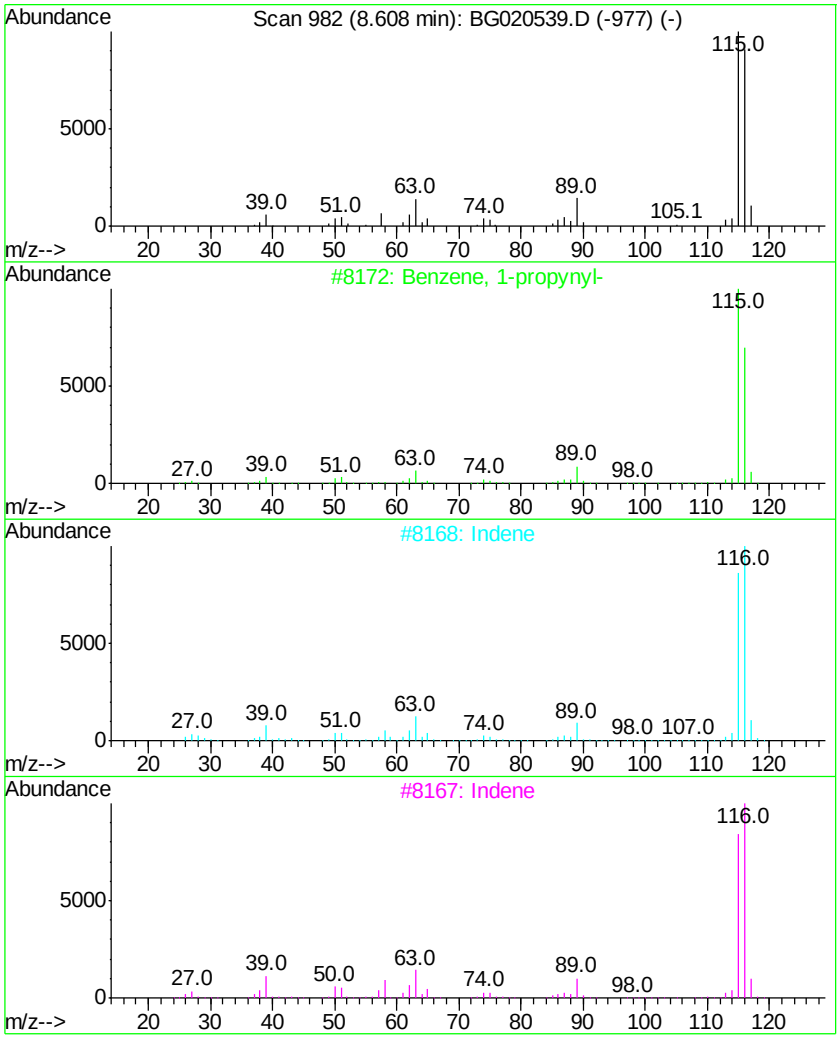
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

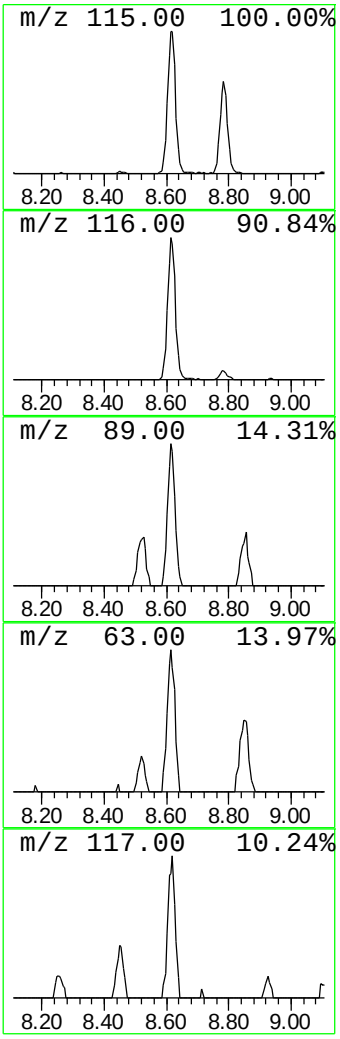
****

Peak Number 1 Benzene, 1-propynyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	19.50 ng/ul	131012	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Indene	116	C9H8	000095-13-6	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020539.D
Acq On : 26 Dec 2015 14:11
Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

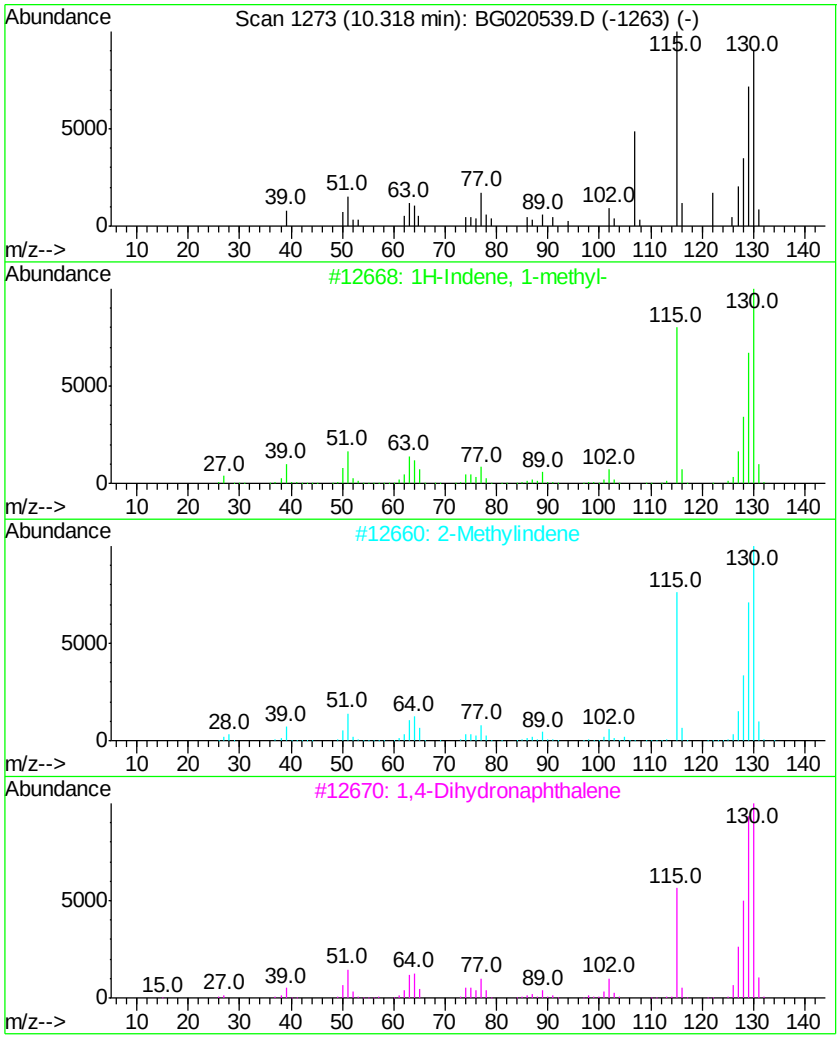
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

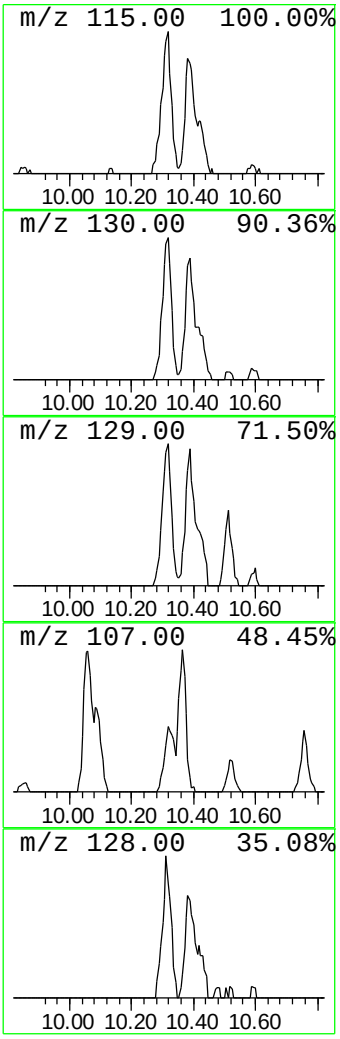
****

Peak Number 2 1H-Indene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	7.94 ng/ul	76821	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	94
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	90
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	89
5	2-Methylindene	130	C10H10	002177-47-1	89





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020539.D
Acq On : 26 Dec 2015 14:11
Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

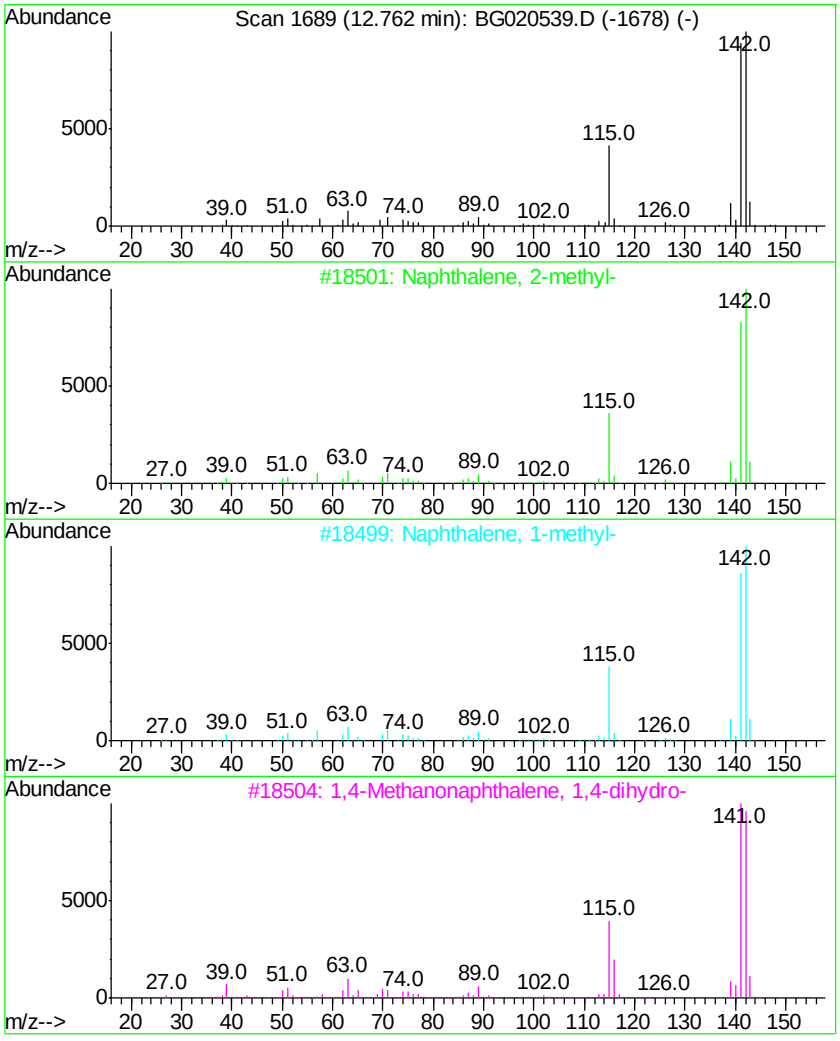
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

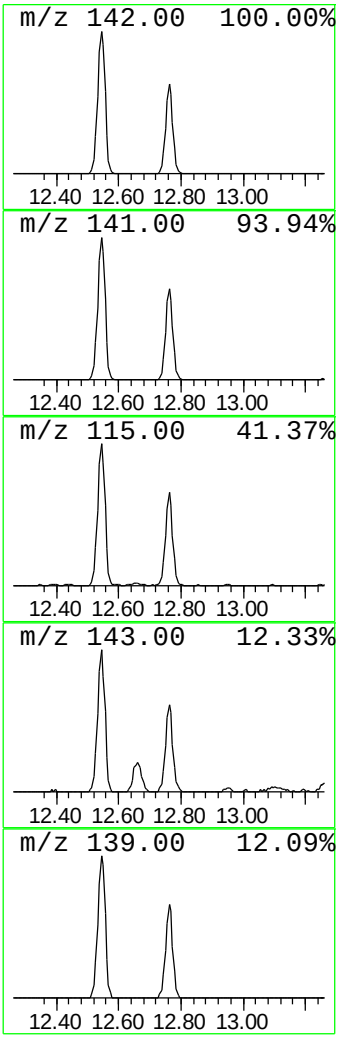
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	41.41 ng/ul	400436	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
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Acq On : 26 Dec 2015 14:11
Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

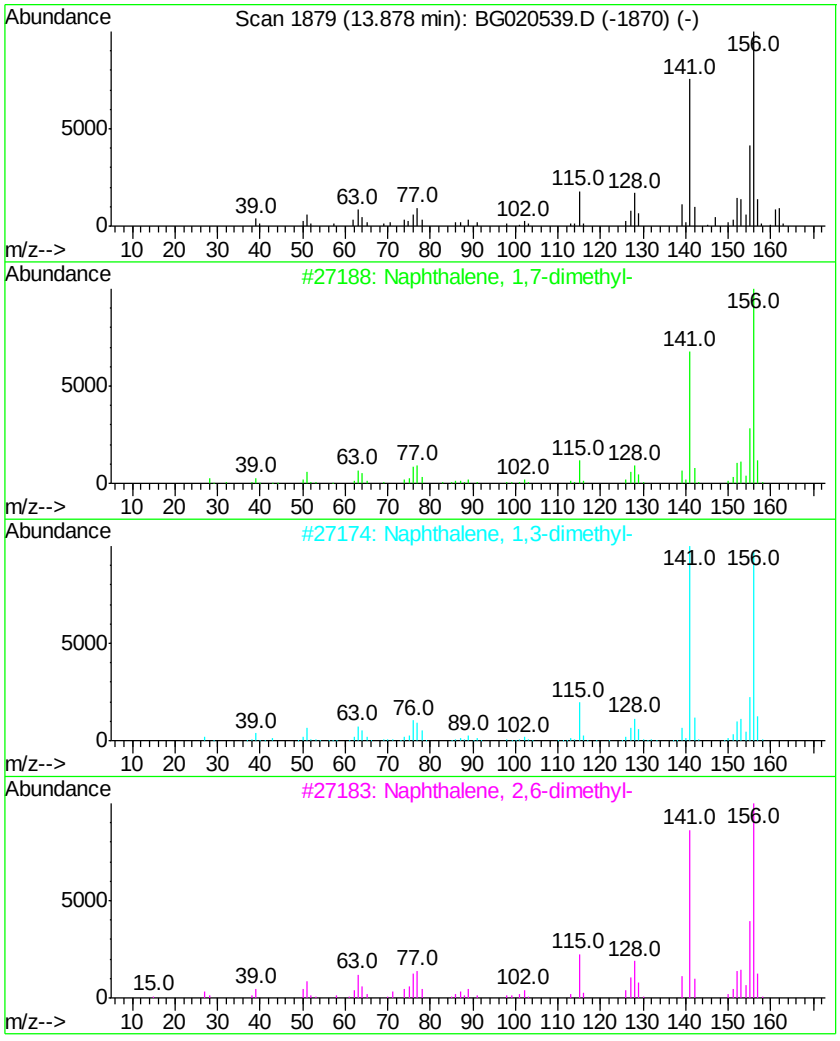
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

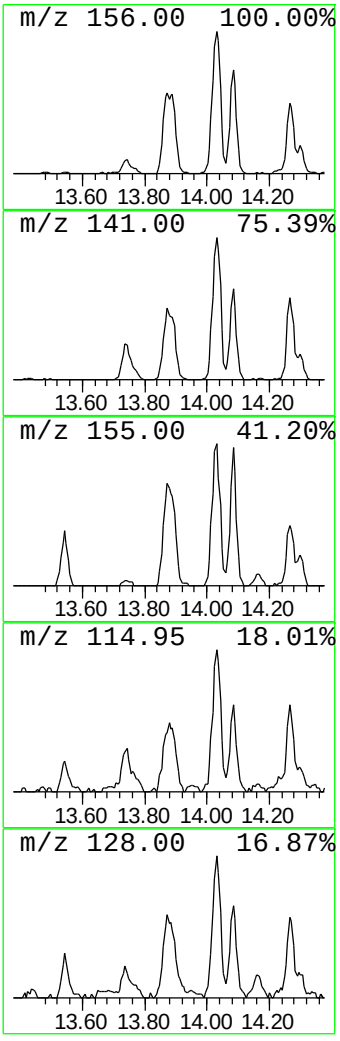
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	14.44 ng/ul	220885	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Library Search Compound Report

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Data File : BG020539.D
Acq On : 26 Dec 2015 14:11
Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

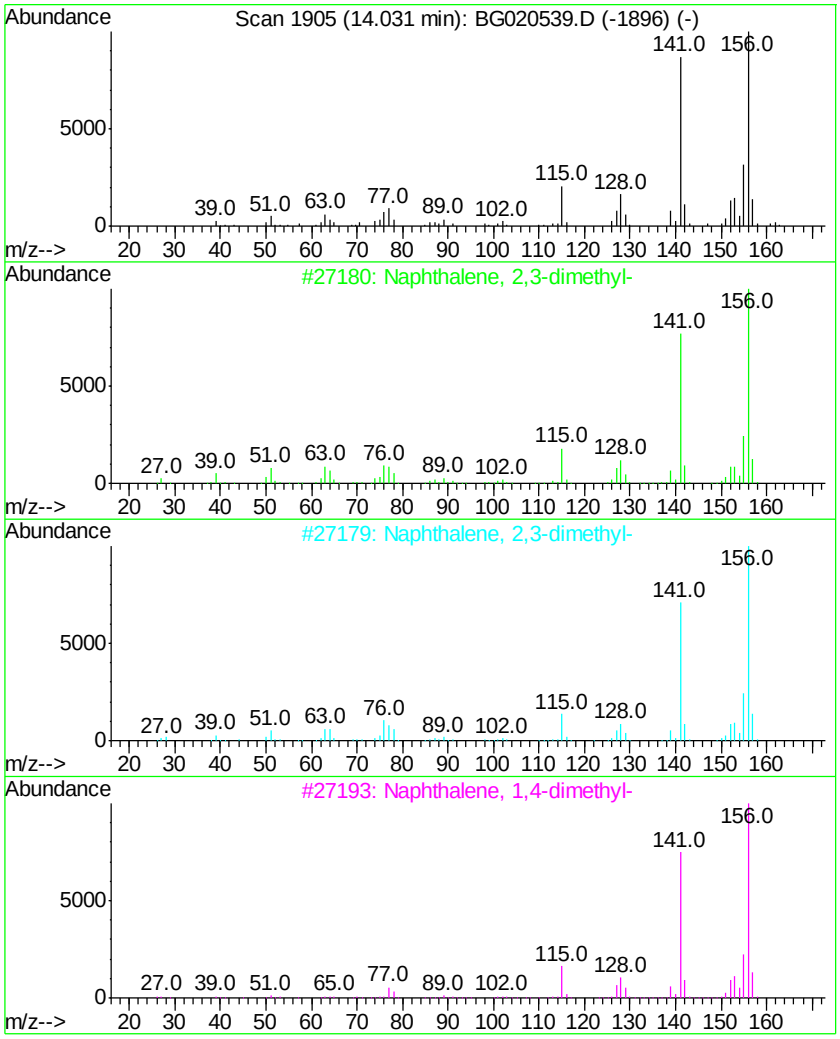
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

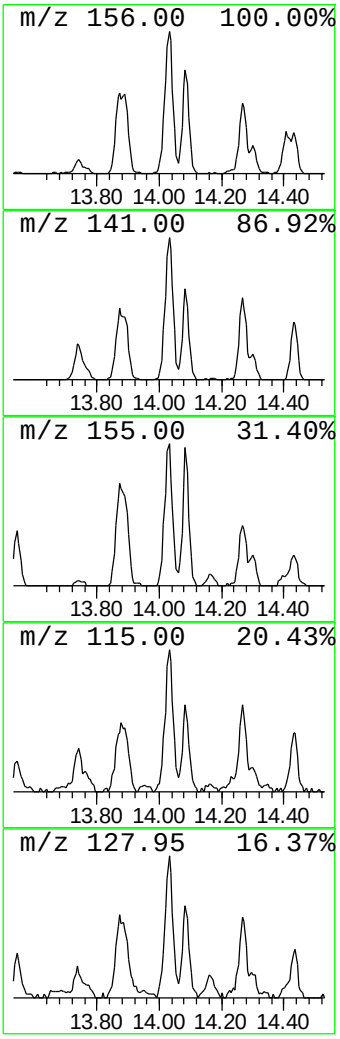
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	17.81 ng/ul	272475	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Data File : BG020539.D
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Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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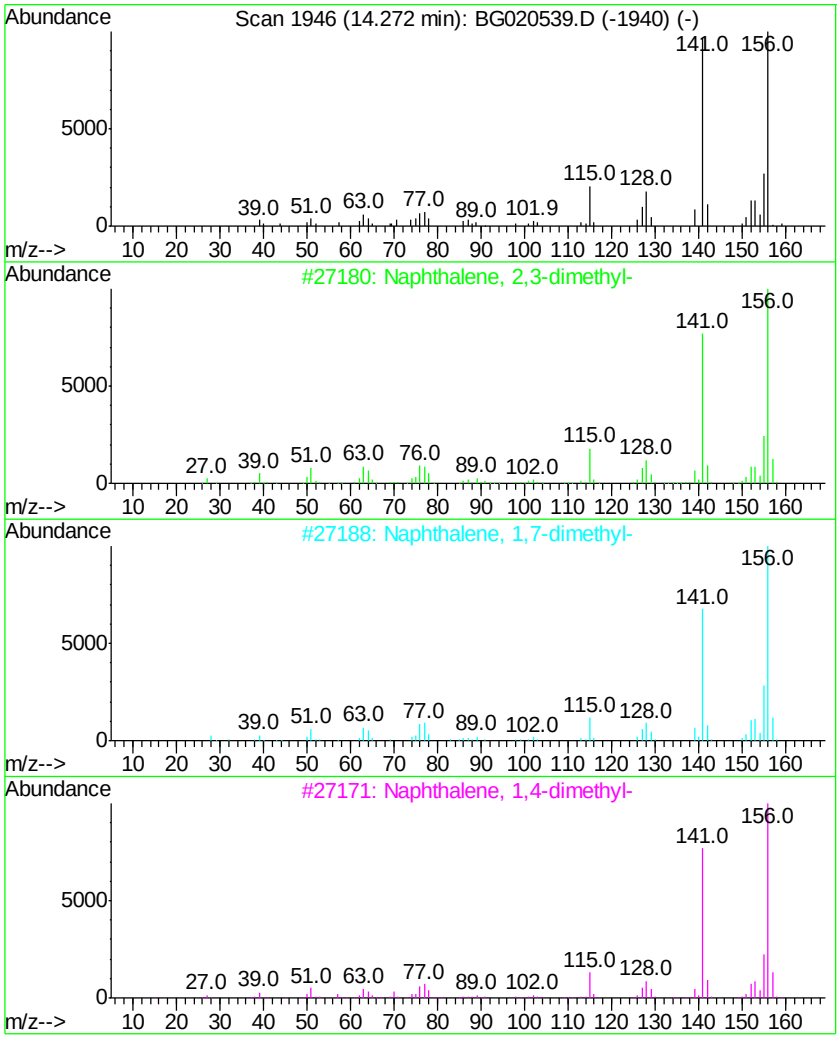
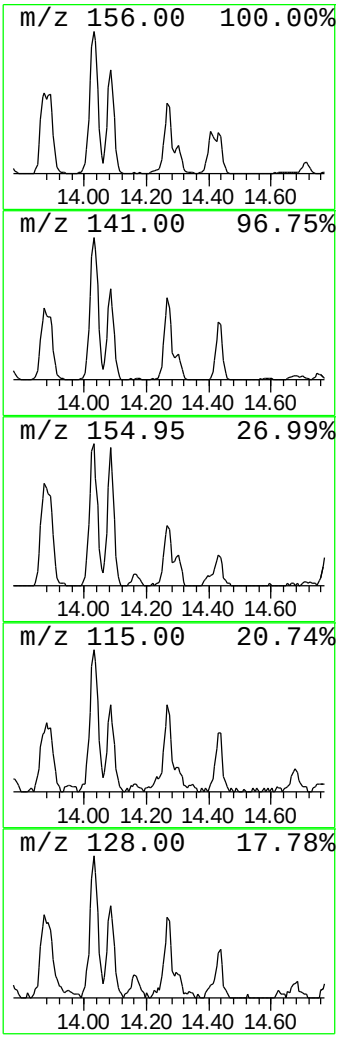
Peak Number 6 Naphthalene, 1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	7.94 ng/ul	121491	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





Library Search Compound Report

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Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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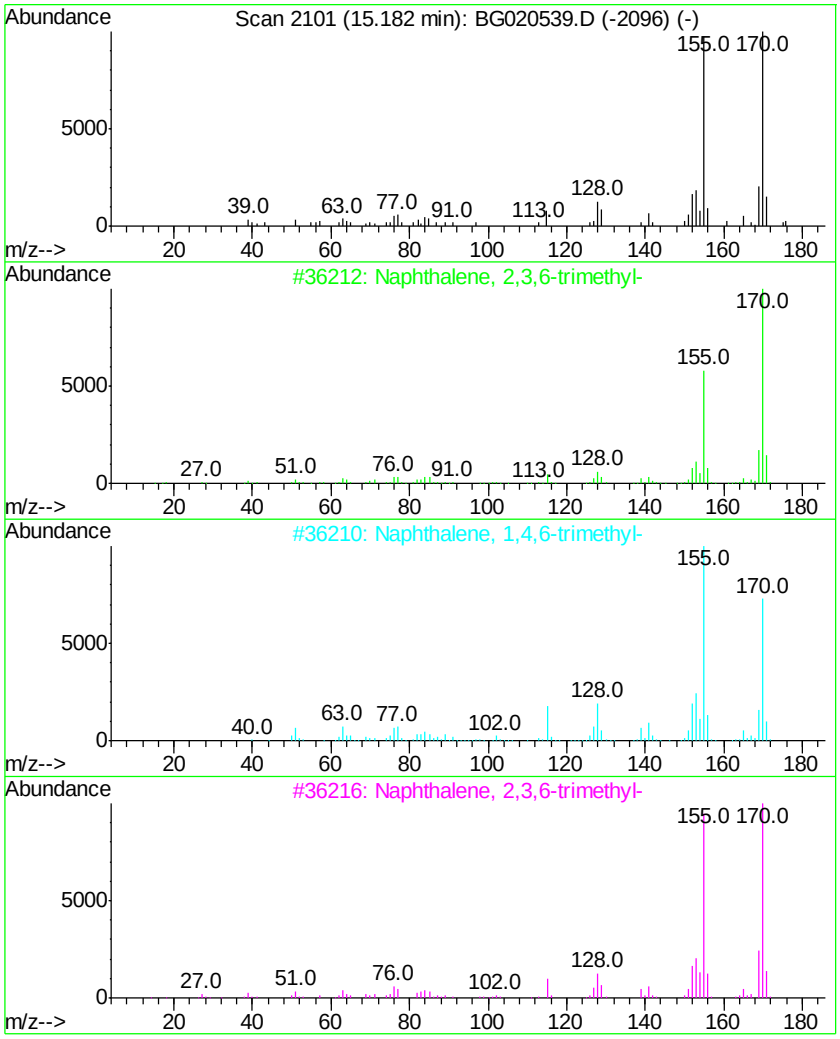
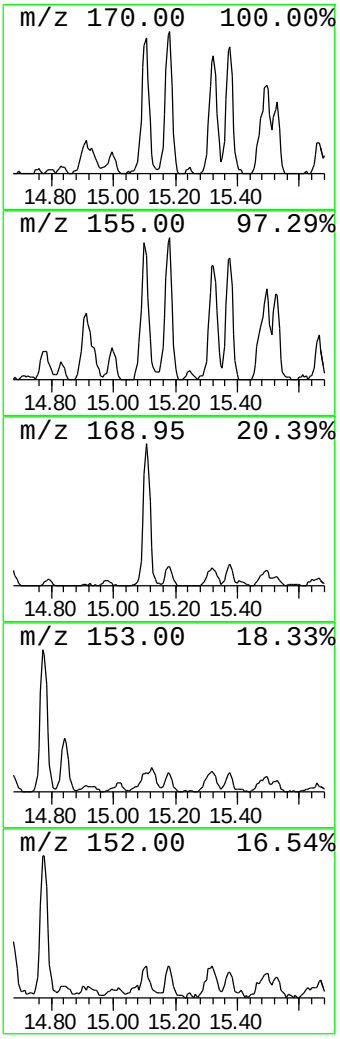
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	4.62 ng/ul	70656	Acenaphthene-d10	14.71

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





Library Search Compound Report

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Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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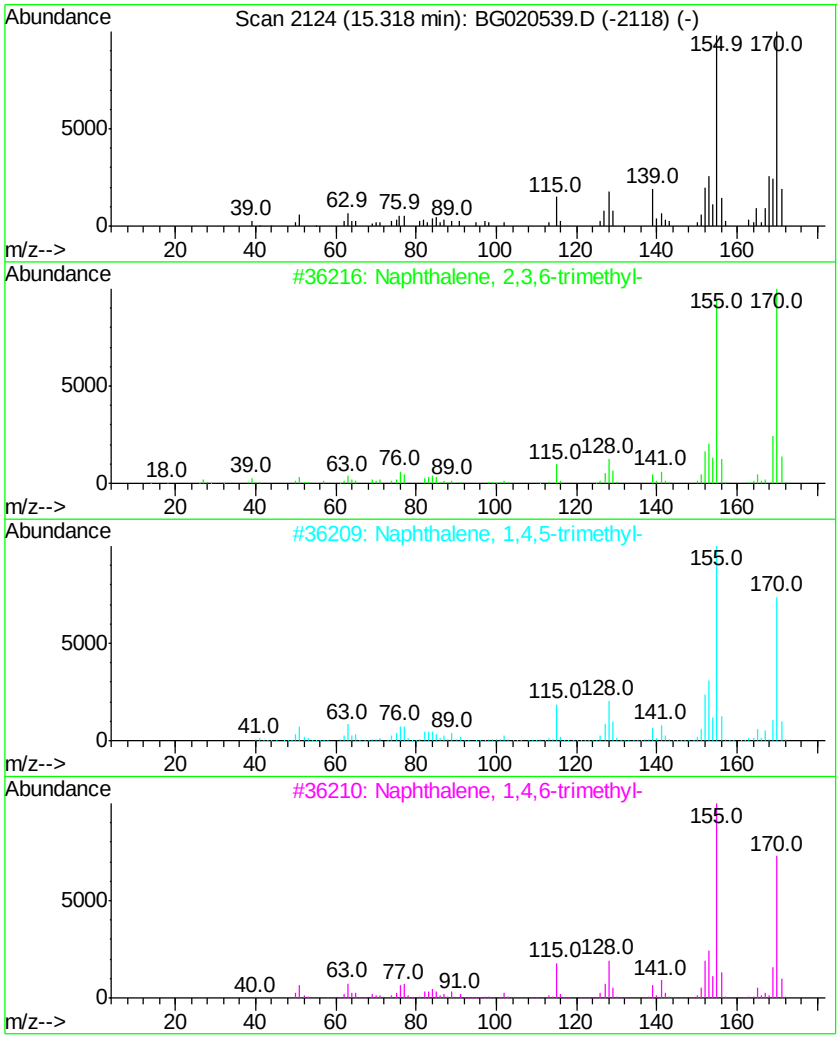
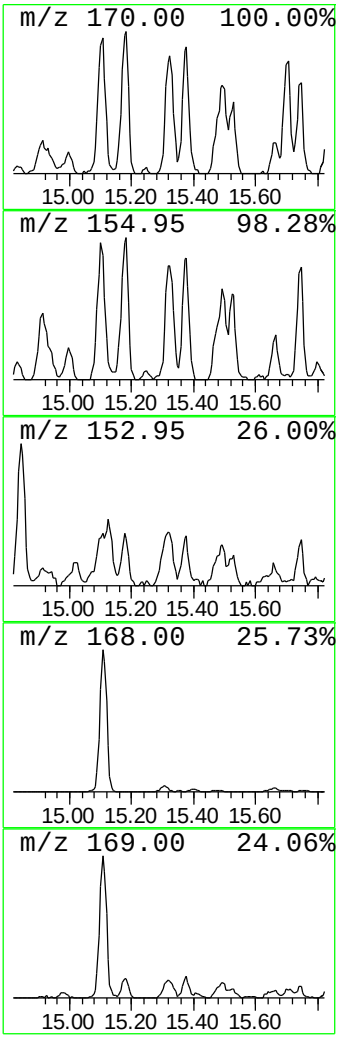
Peak Number 8 Naphthalene, 1,4,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	5.83 ng/ul	89208	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





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Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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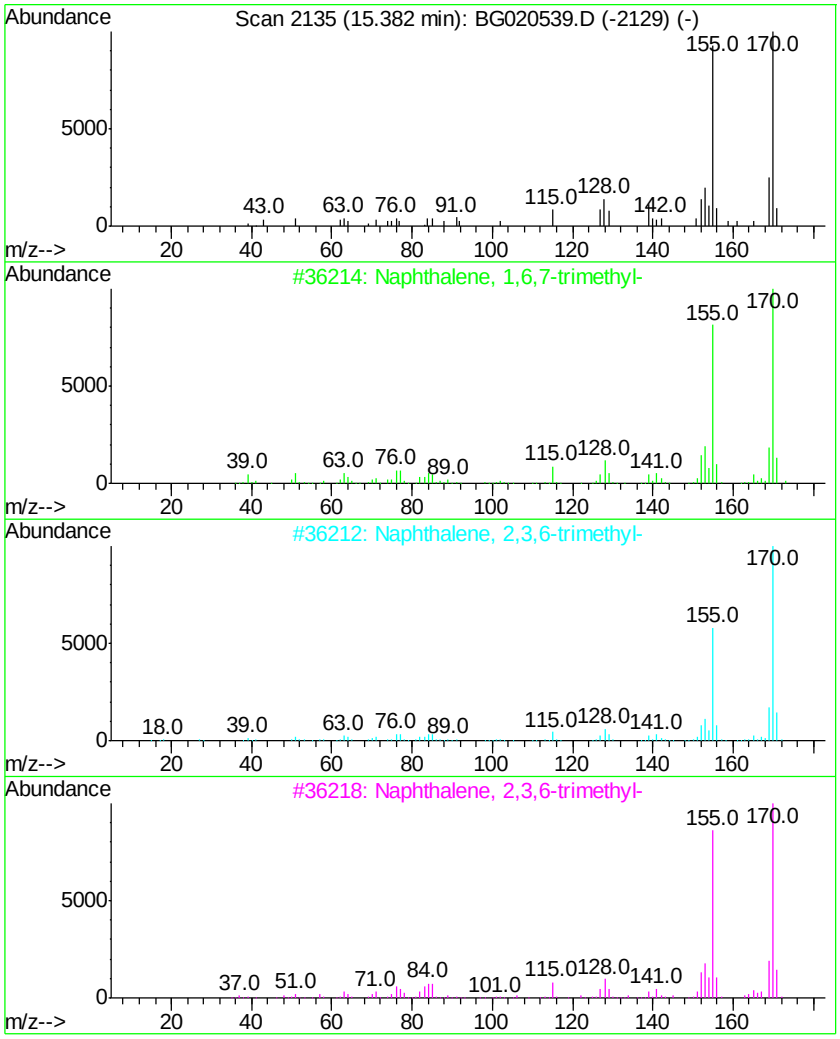
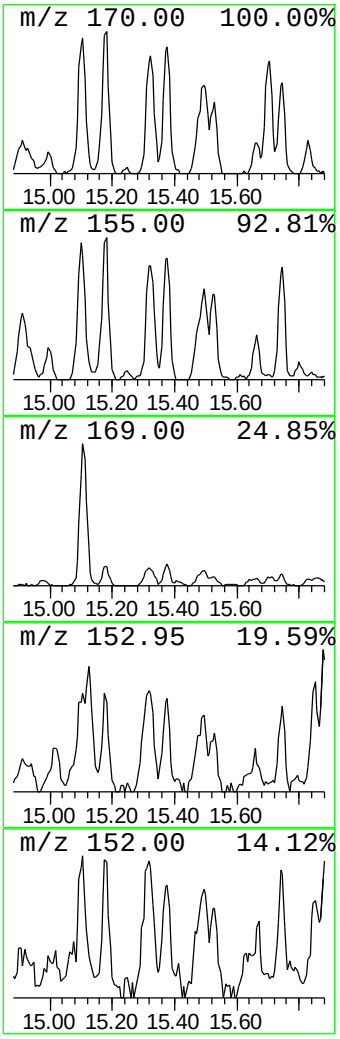
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	4.87 ng/ul	74564	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83





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Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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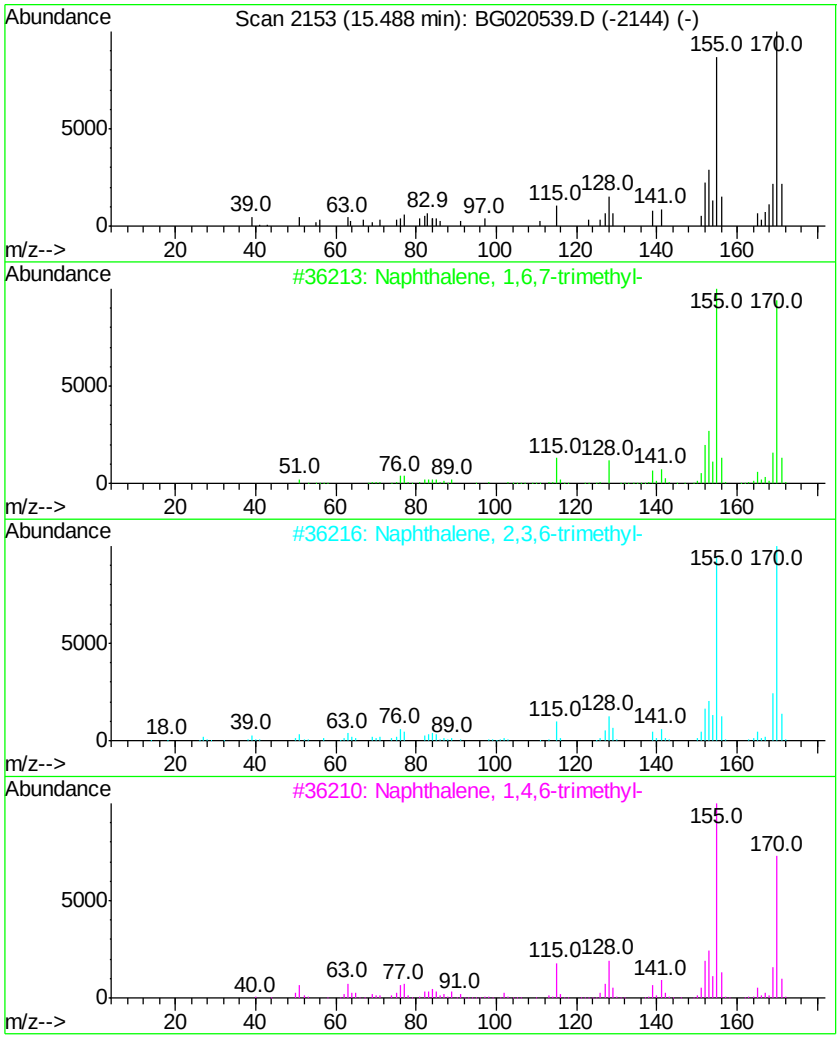
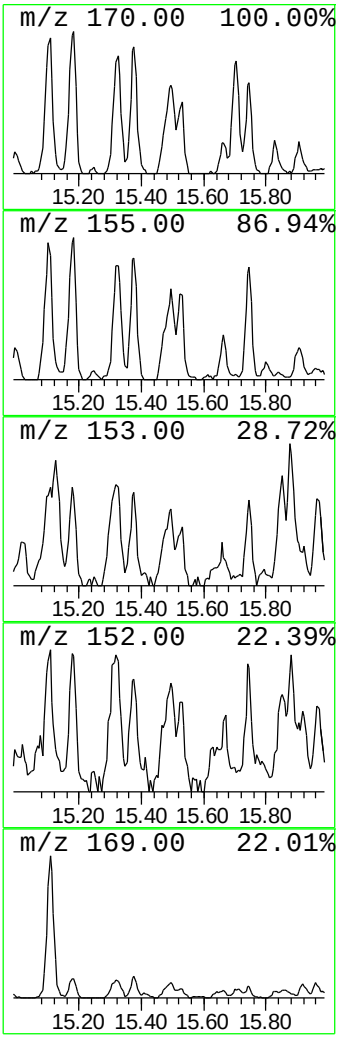
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	5.27 ng/ul	80587	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Library Search Compound Report

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Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

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Quant Title : SVOA CALIBRATION

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

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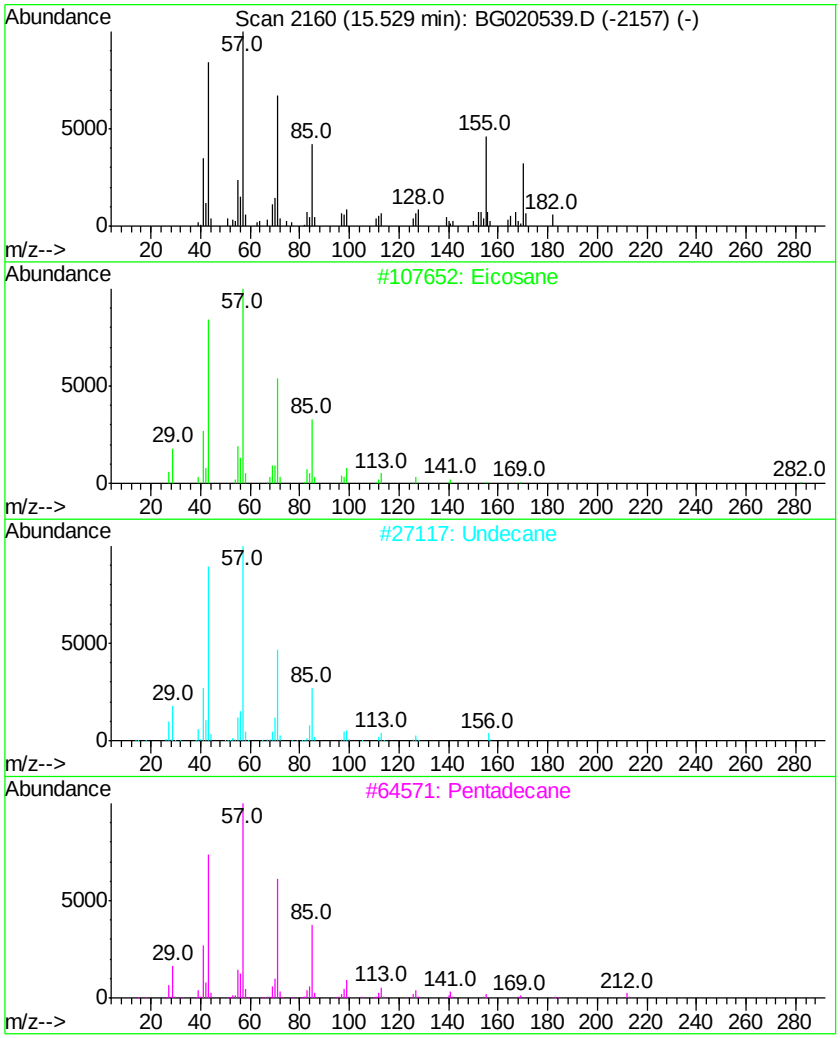
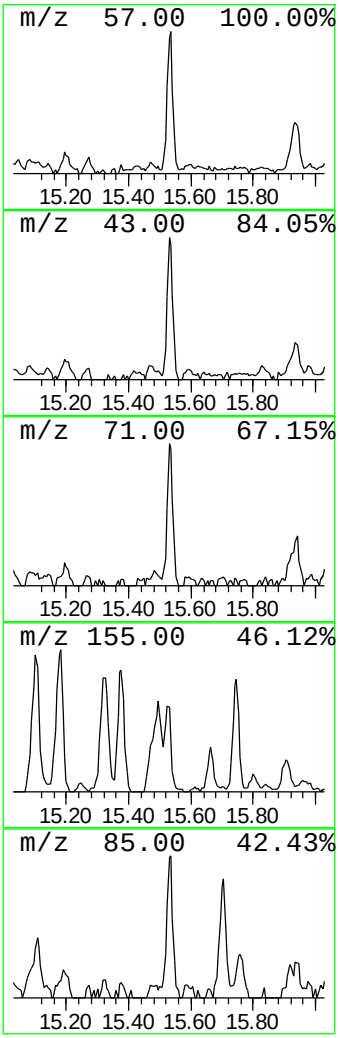
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	4.74 ng/ul	72447	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	49
2	Undecane	156	C11H24	001120-21-4	49
3	Pentadecane	212	C15H32	000629-62-9	46
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
5	Tetracosane	338	C24H50	000646-31-1	46





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Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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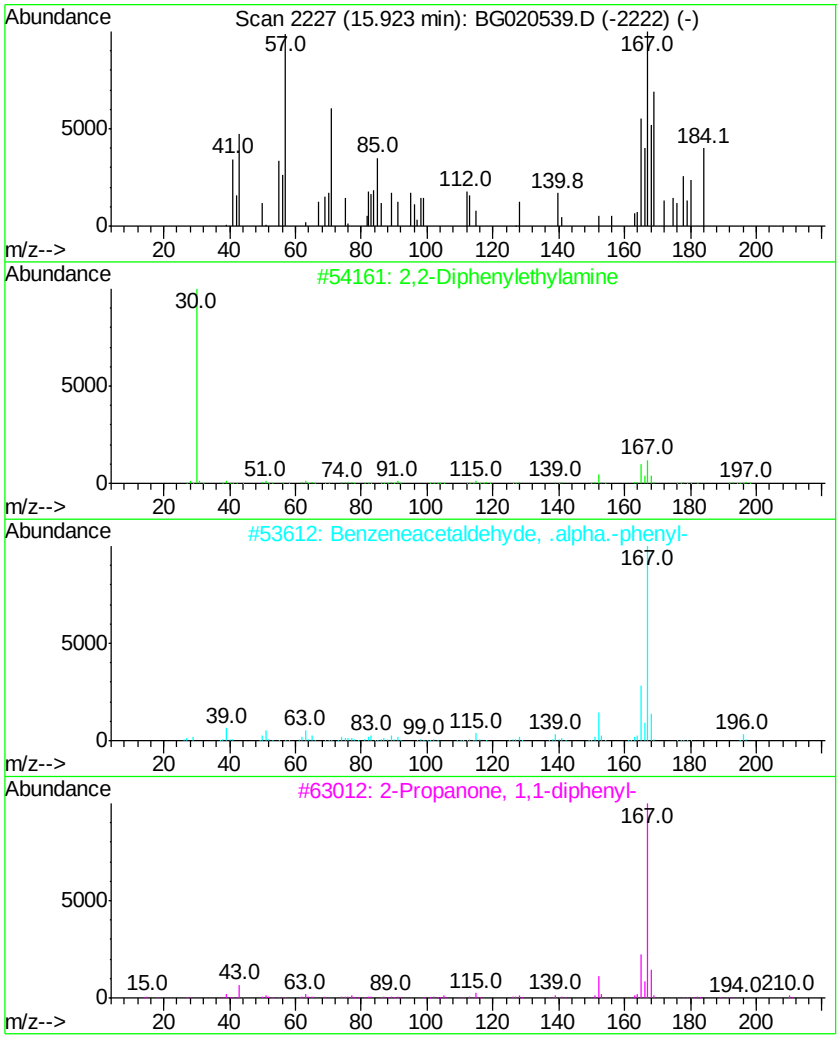
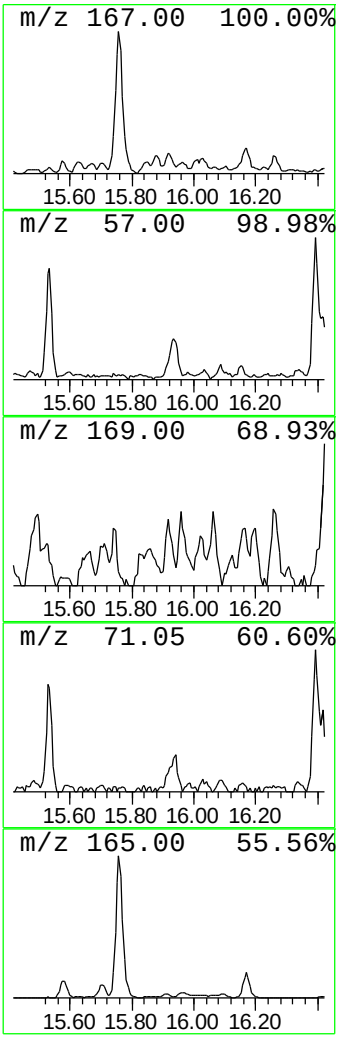
Peak Number 12 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.95 ng/ul	60494	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Diphenylethylamine	197	C14H15N	003963-62-0	37
2	Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	22
3	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	22
4	Benzene, 1,1',1''-(1-ethanyl-2-y...	258	C20H18	001520-42-9	22
5	2-Benzhydrylsulfanyl-5-furan-2-y...	334	C19H14N2O2S	350497-80-2	22





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Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

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Quant Title : SVOA CALIBRATION

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

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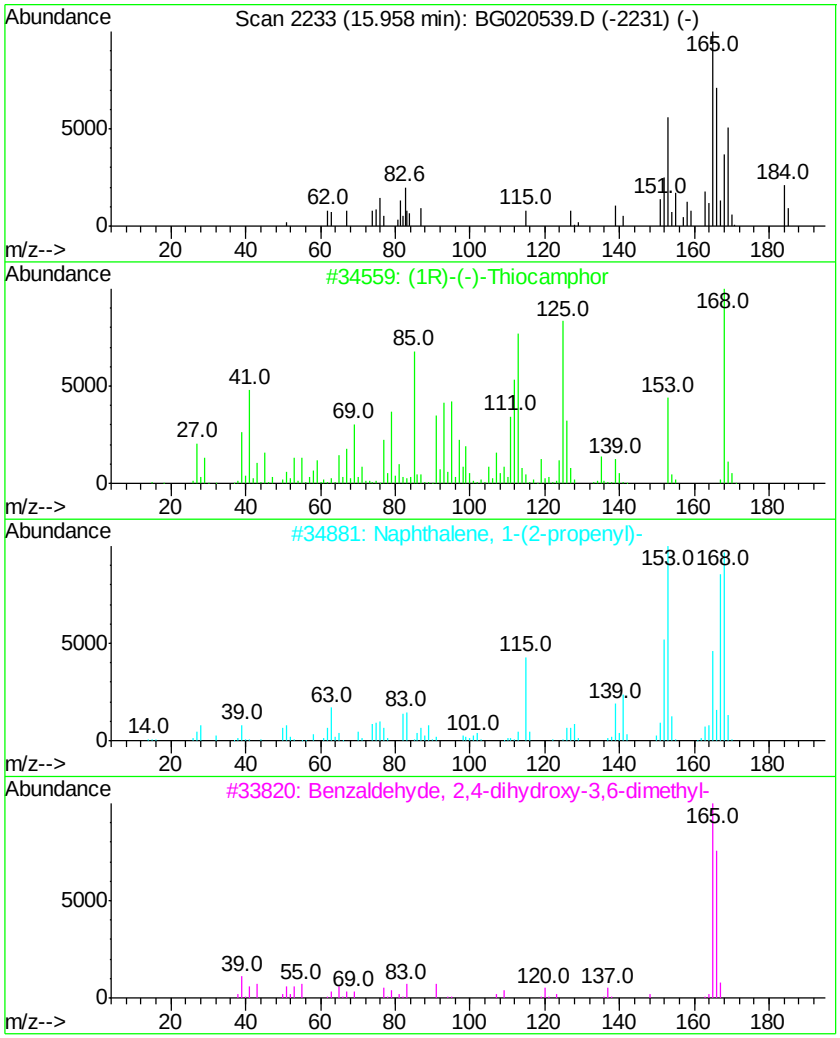
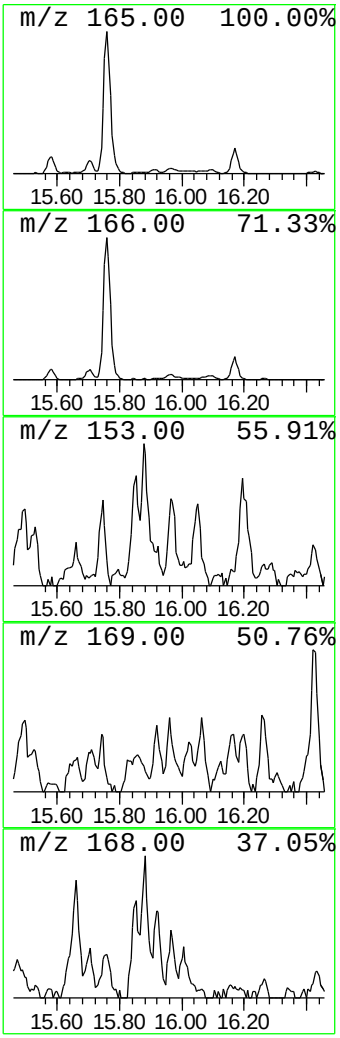
Peak Number 13 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.12 ng/ul	63094	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	38
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38
3	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	38
4	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	35
5	Benzaldehyde, 2-hydroxy-4-methox...	166	C9H10O3	034883-08-4	35





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Acq On : 26 Dec 2015 14:11
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Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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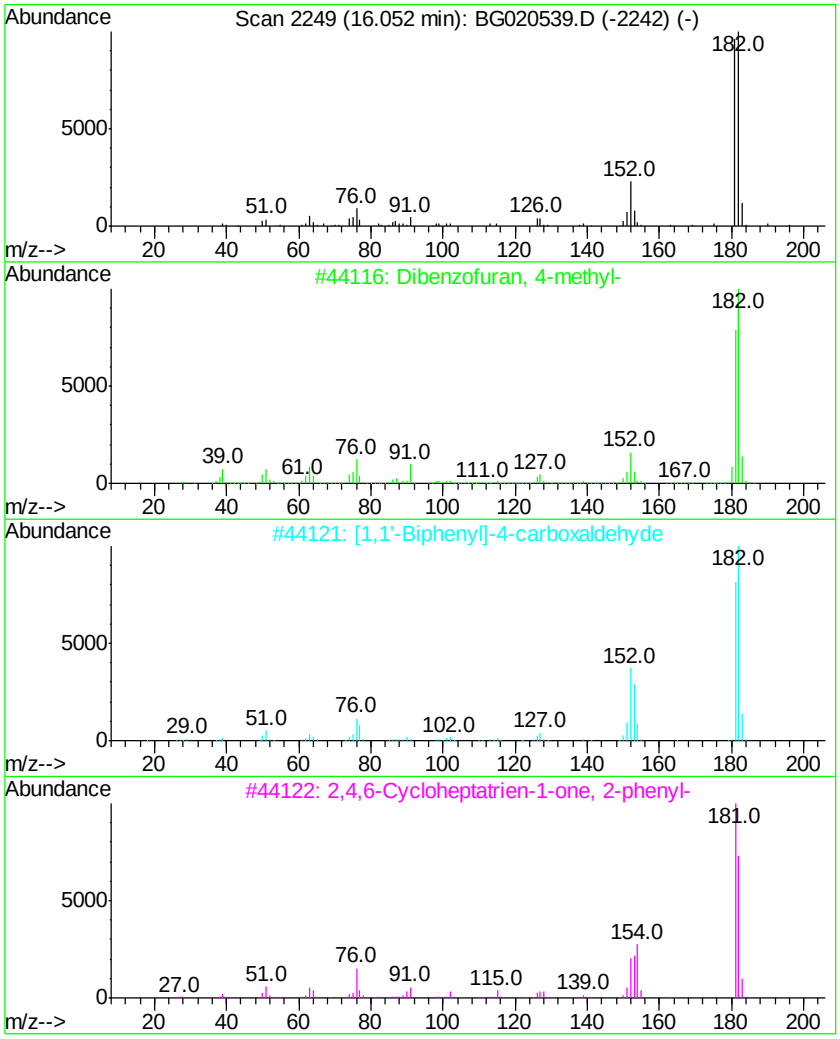
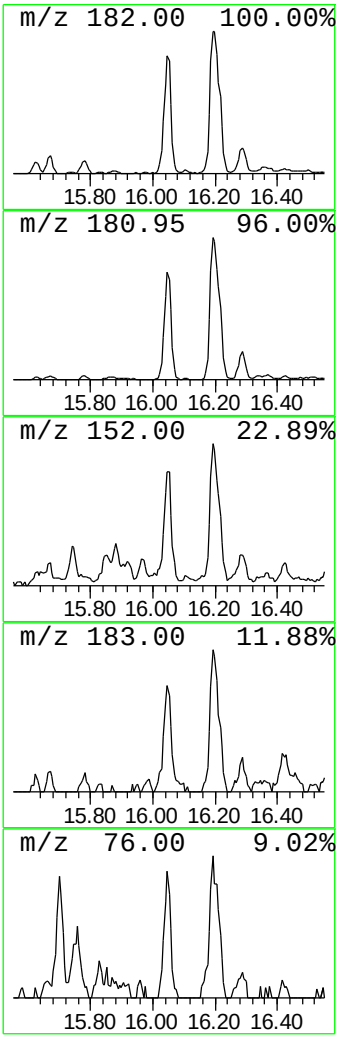
Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	9.54 ng/ul	145915	Acenaphthene-d10	14.71

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	83
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	58





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Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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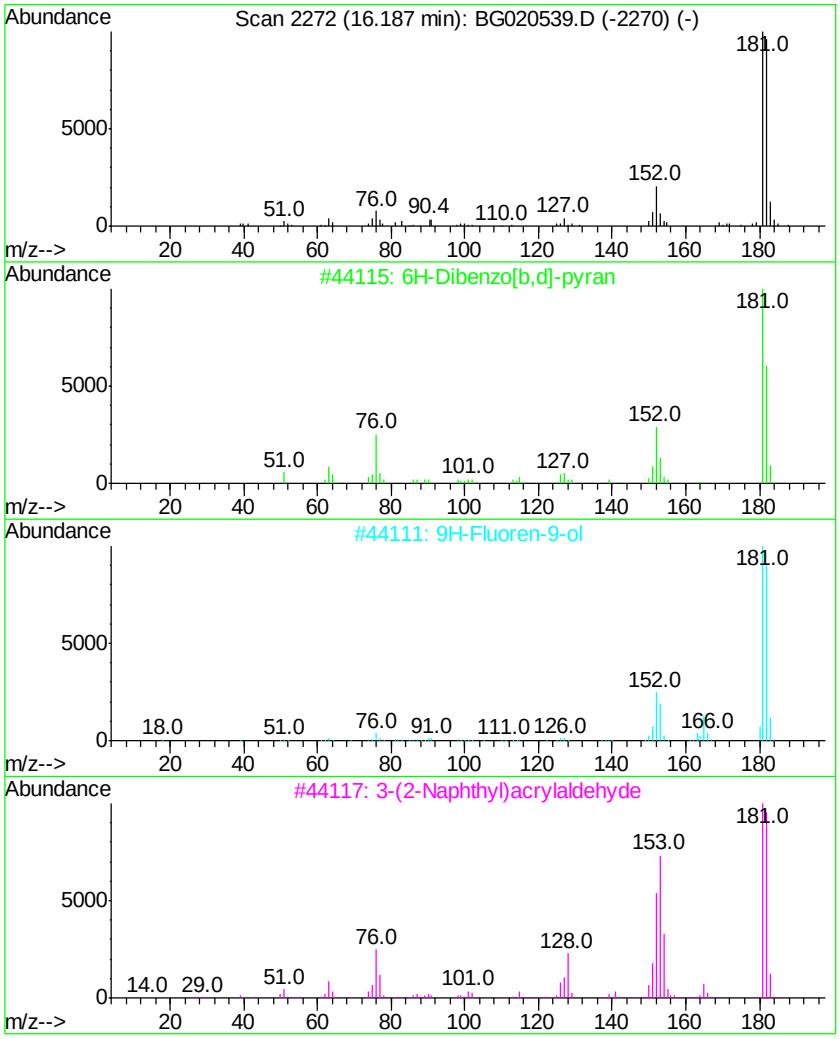
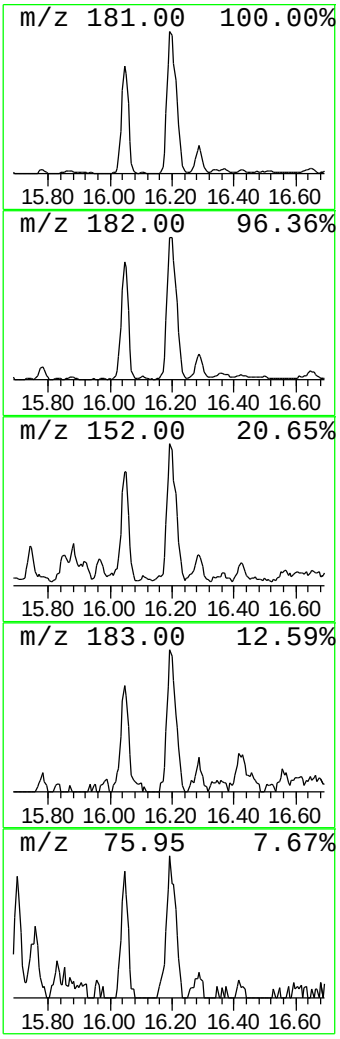
Peak Number 16 6H-Dibenzo[b,d]-pyran Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	9.47 ng/ul	204423	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68





Library Search Compound Report

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ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

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Quant Title : SVOA CALIBRATION

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

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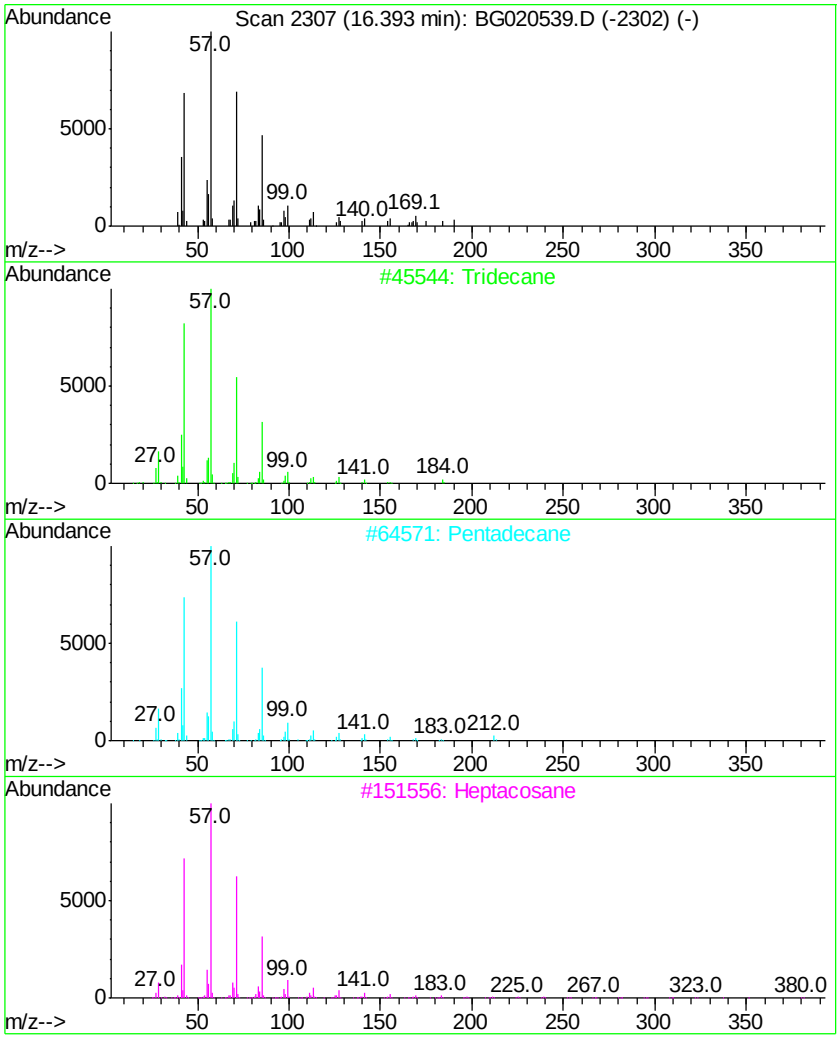
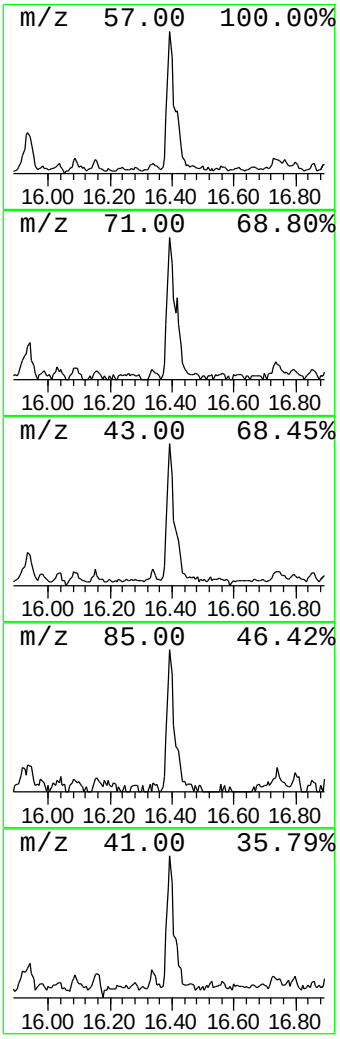
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	2.70 ng/ul	58160	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Nonacosane	408	C29H60	000630-03-5	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Operator : UM/SJ
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Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

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Quant Title : SVOA CALIBRATION

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

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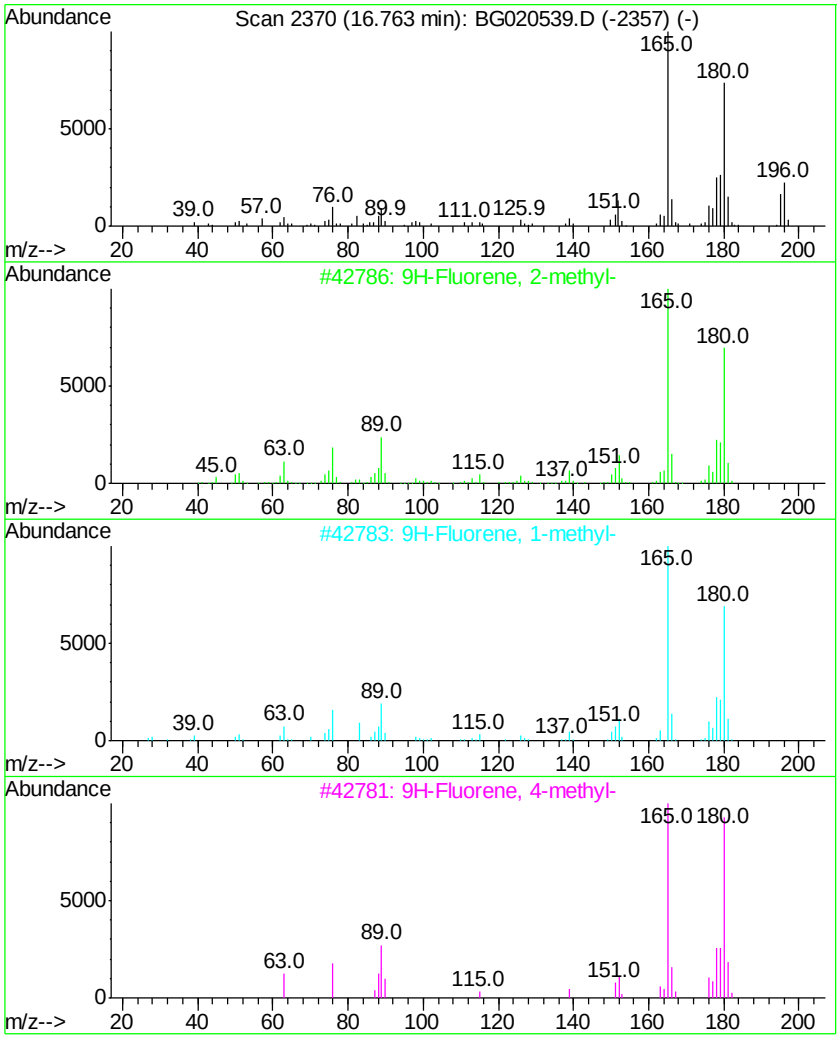
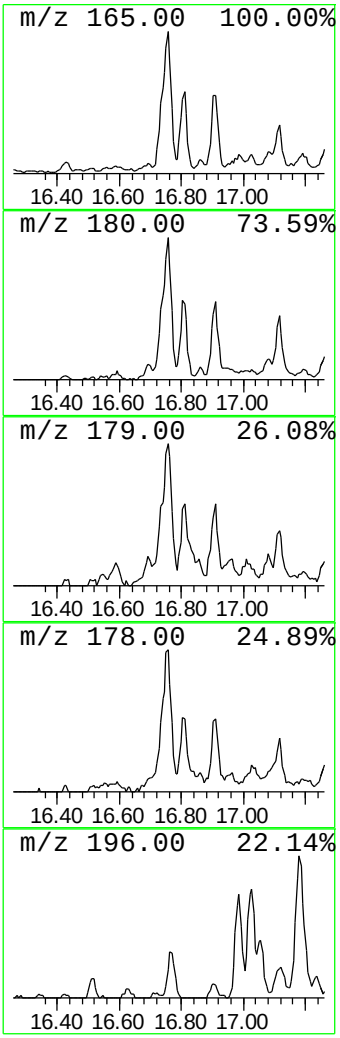
Peak Number 18 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	8.54 ng/ul	184343	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89





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Acq On : 26 Dec 2015 14:11
Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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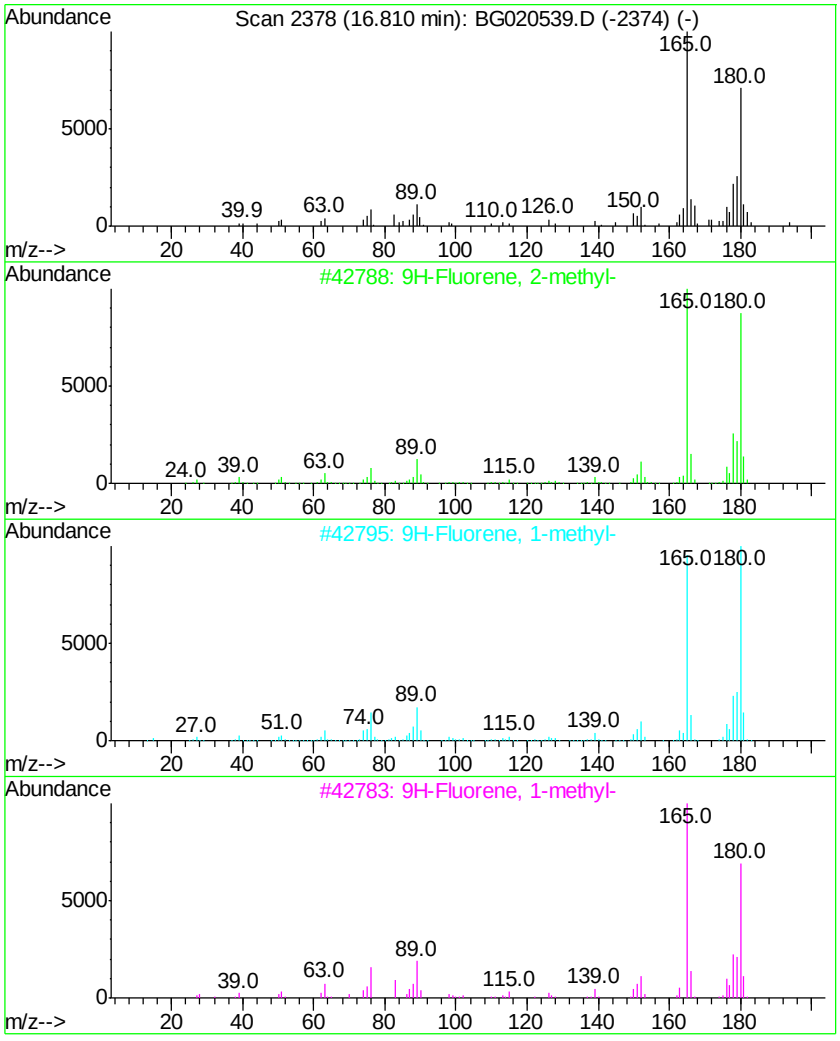
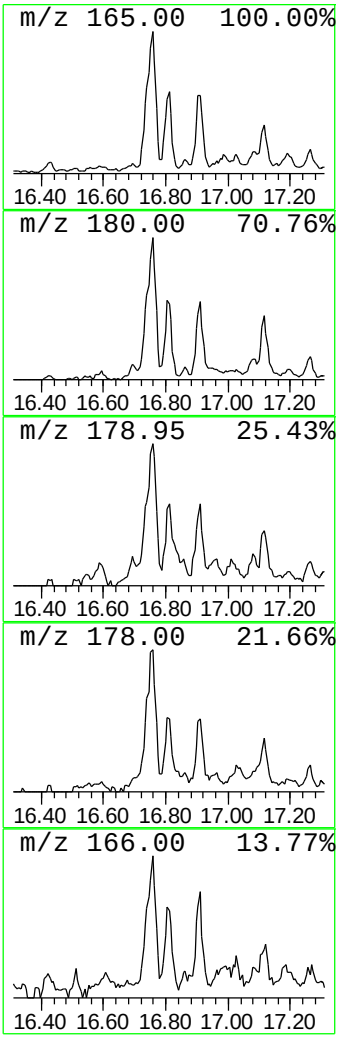
Peak Number 19 9H-Fluorene, 1-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	3.02 ng/ul	65200	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86





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Operator : UM/SJ
Sample : G4802-18
Misc :
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Instrument : BNA_G
ClientSampleId : G9D93

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Quant Title : SVOA CALIBRATION

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

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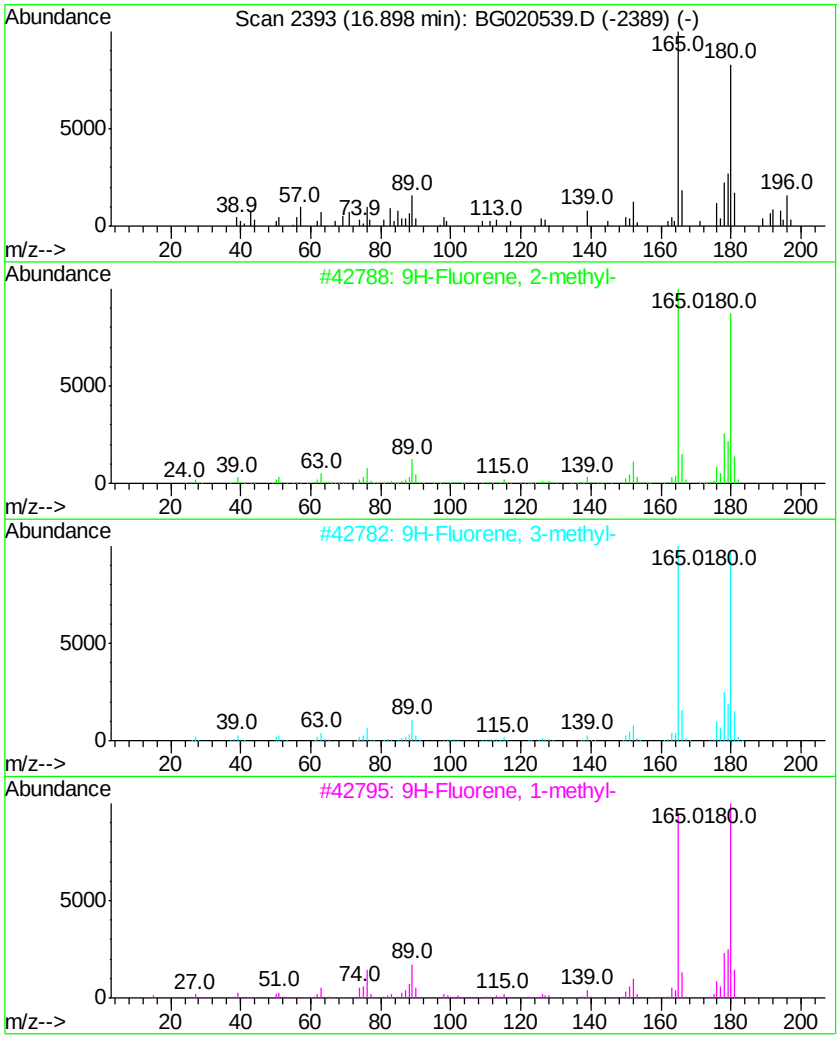
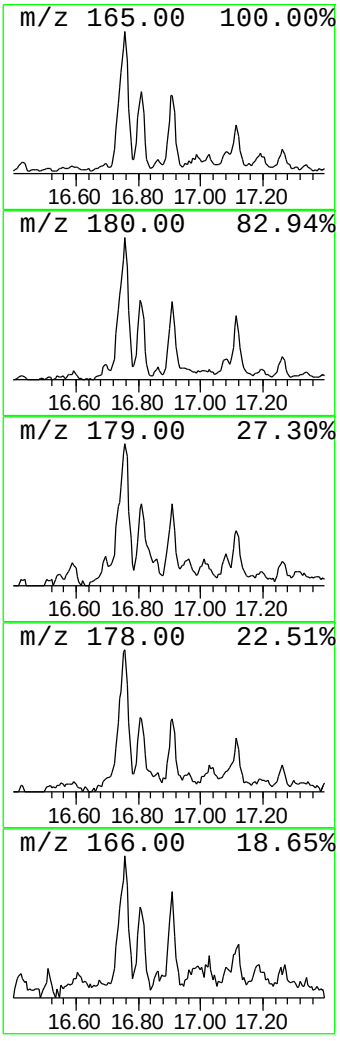
Peak Number 20 9H-Fluorene, 4-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	3.18 ng/ul	68577	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	92
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	87
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	76





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Instrument : BNA_G
ClientSampleId : G9D93

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Quant Title : SVOA CALIBRATION

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

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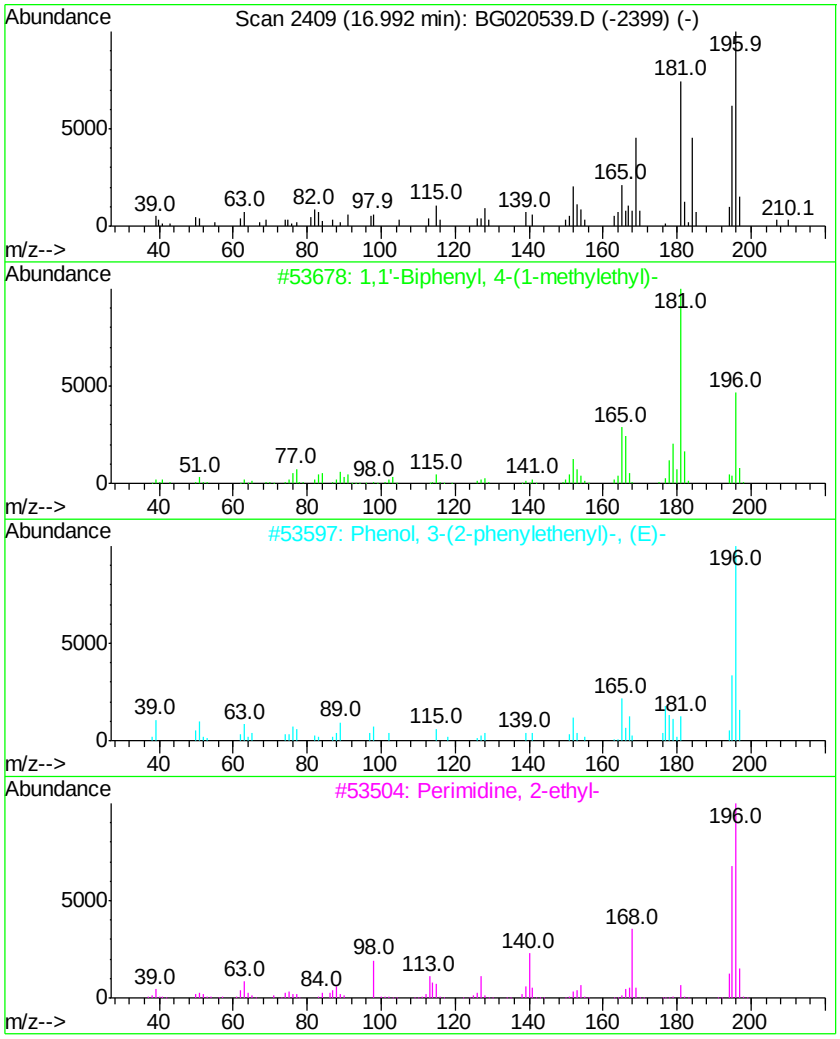
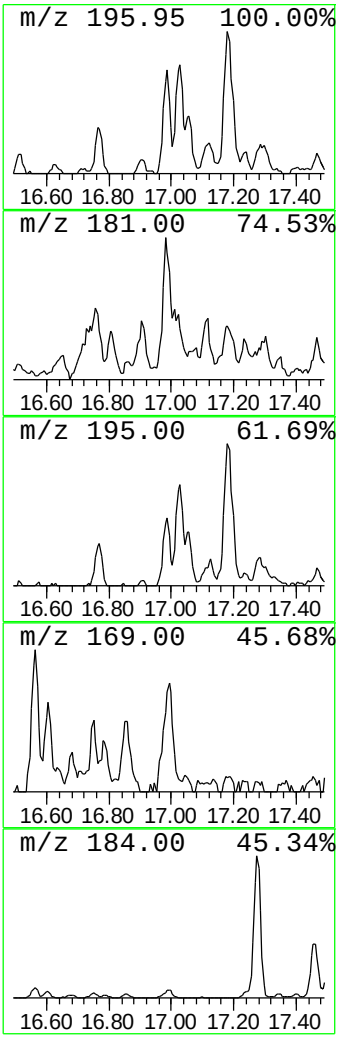
Peak Number 21 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	3.64 ng/ul	78588	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	64
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	55
3	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	49
4	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	47
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46





Library Search Compound Report

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Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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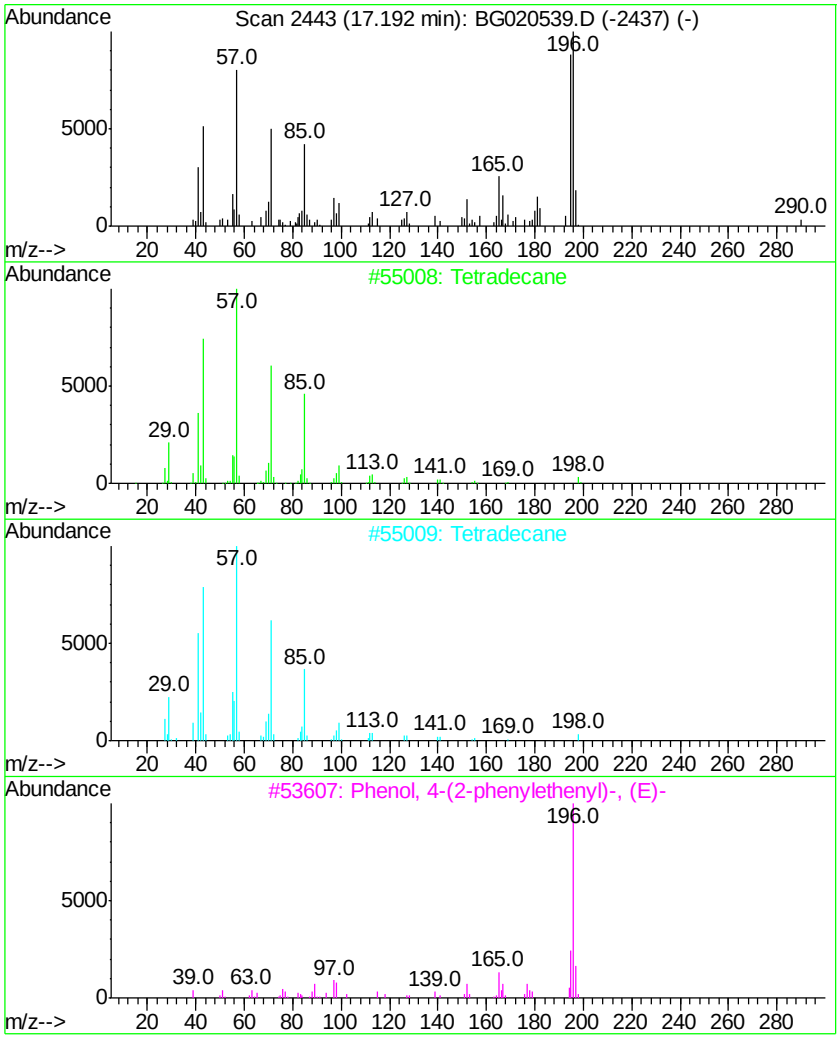
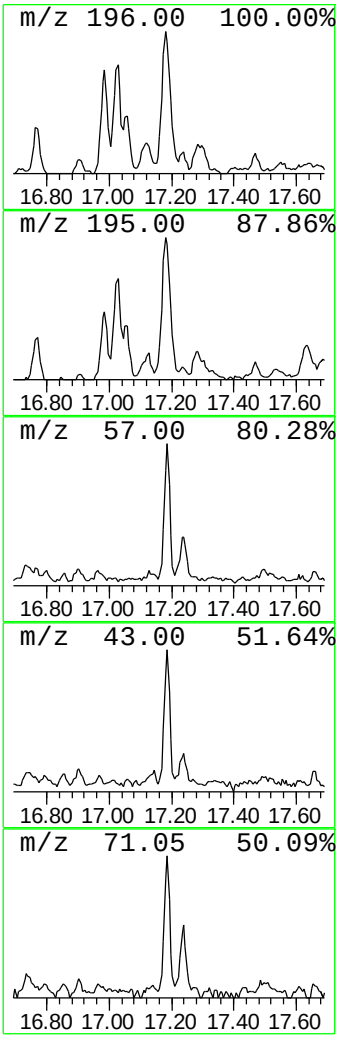
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	4.46 ng/ul	96129	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tetradecane	198	C14H30	000629-59-4	56
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	45
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	43
5	Tetradecane	198	C14H30	000629-59-4	40





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Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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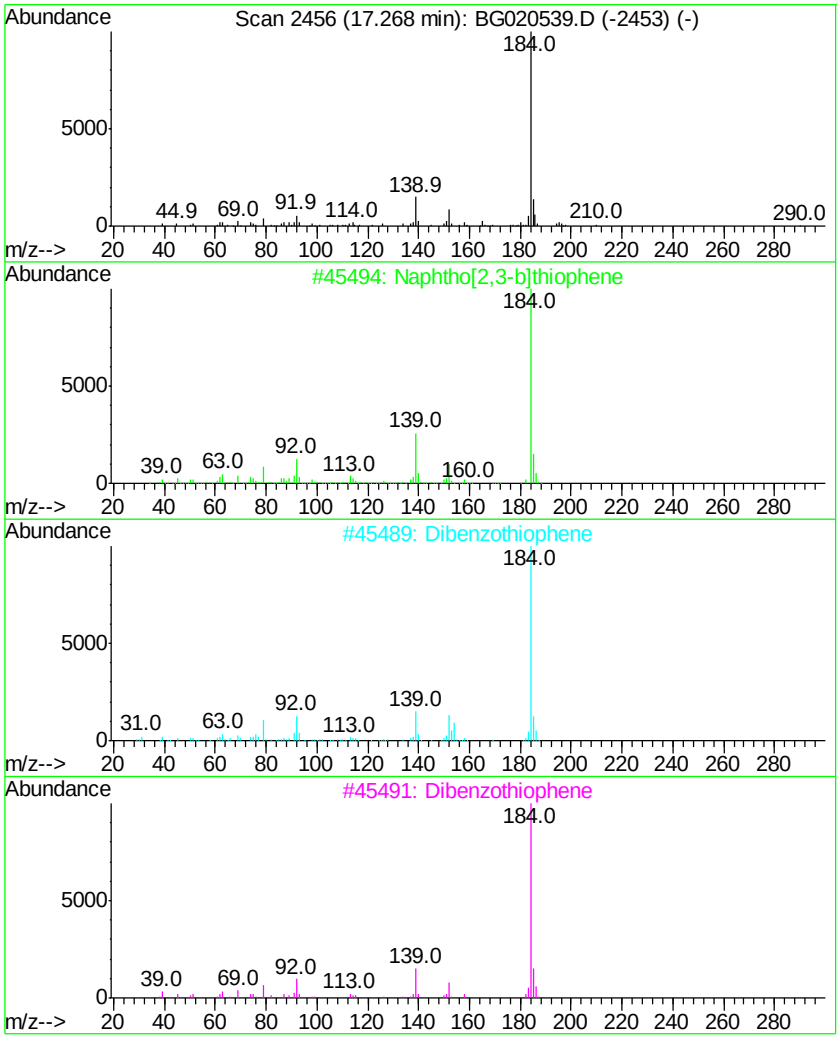
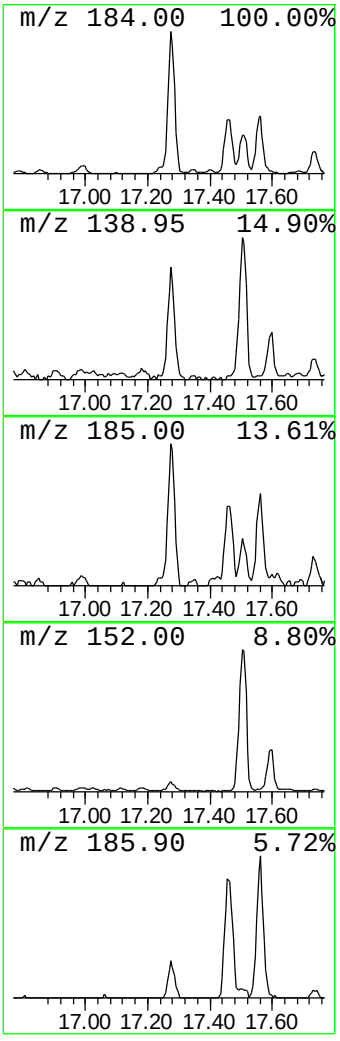
Peak Number 23 Naphtho[2,3-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	7.74 ng/ul	166987	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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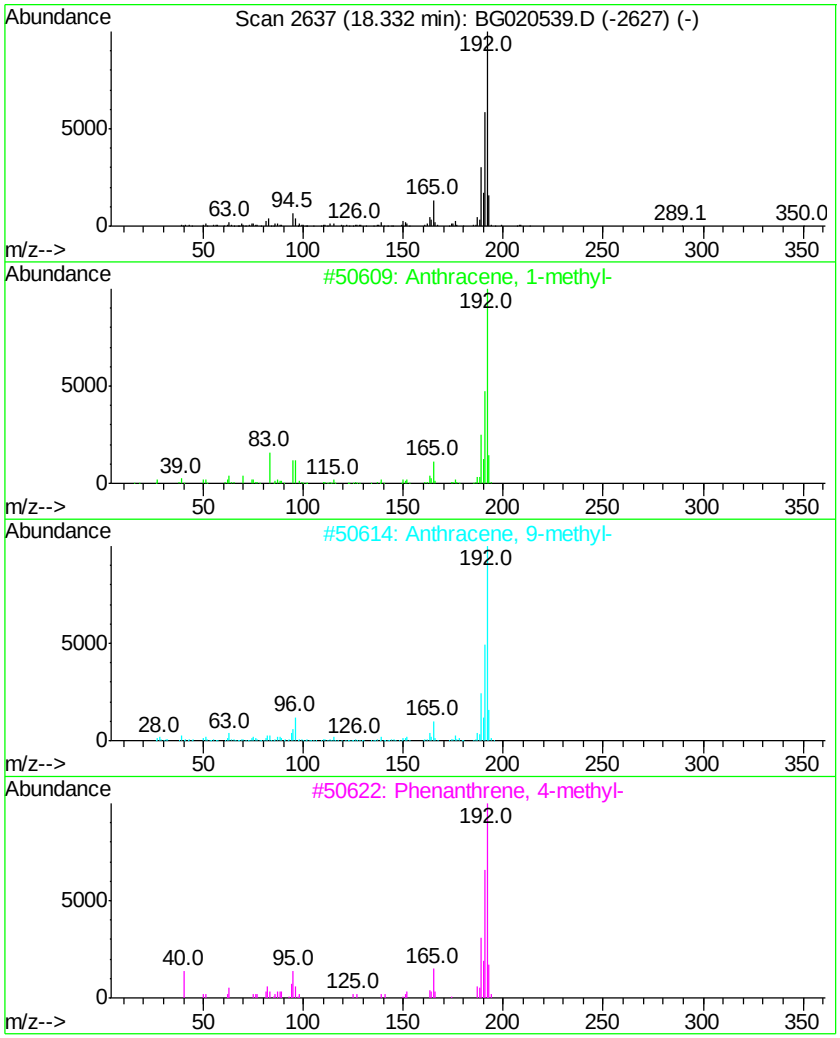
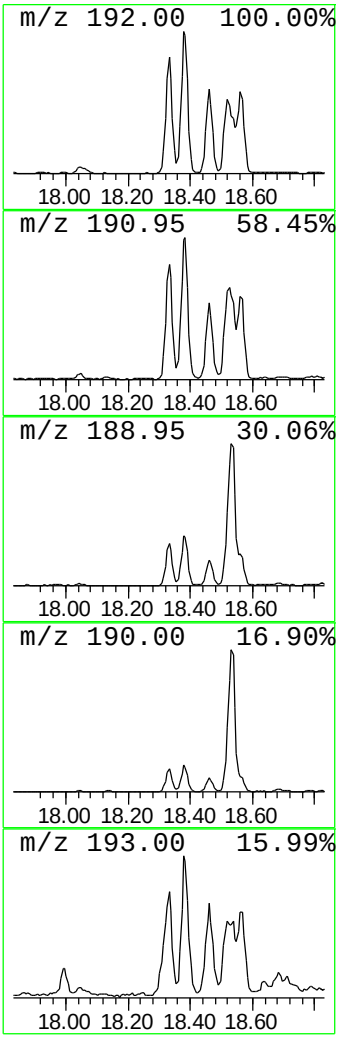
Peak Number 24 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	15.95 ng/ul	344109	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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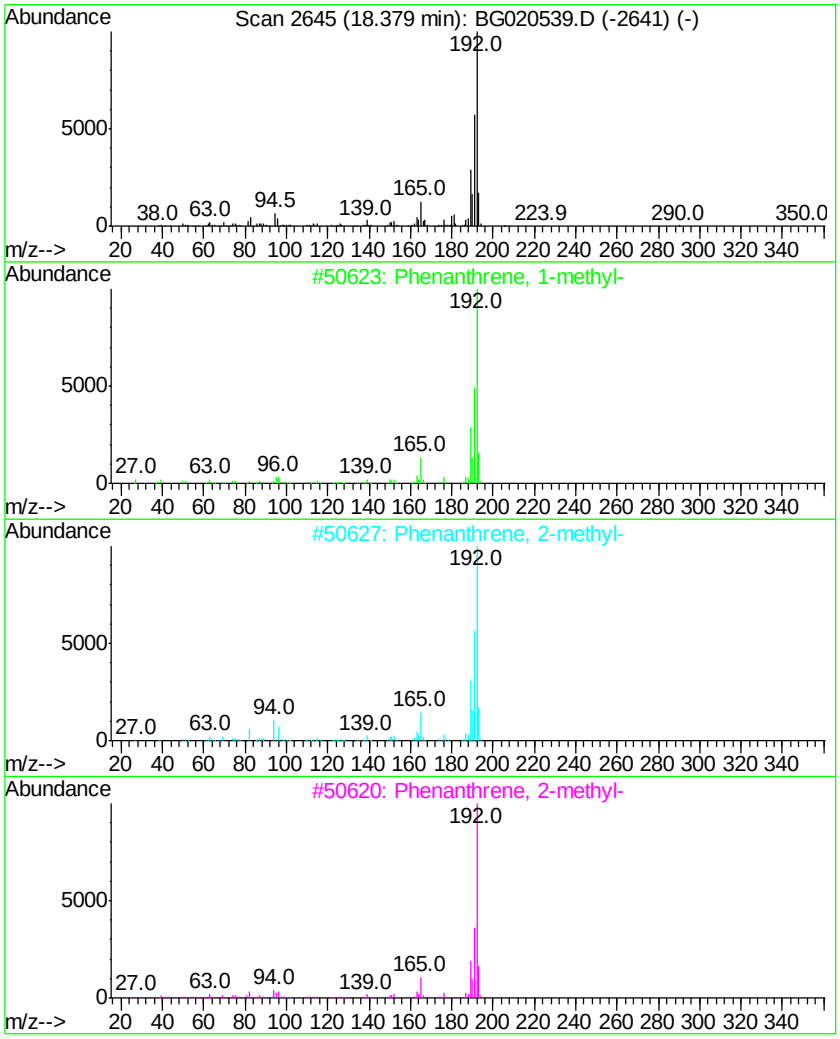
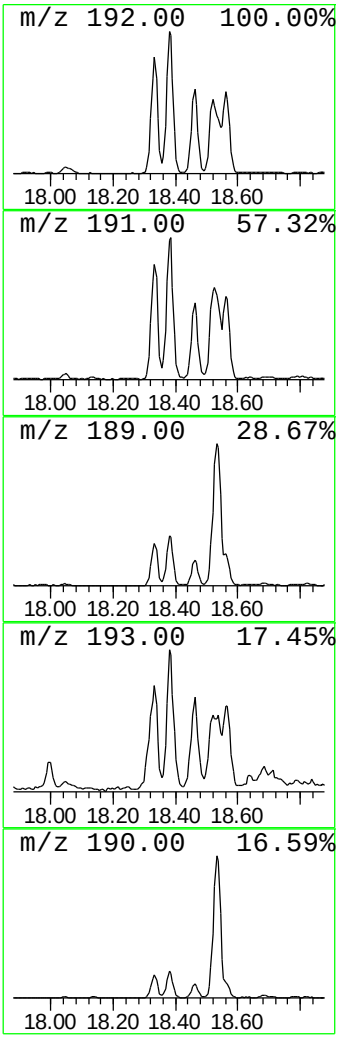
Peak Number 25 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	19.25 ng/ul	415407	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Instrument : BNA_G
ClientSampleId : G9D93

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Quant Title : SVOA CALIBRATION

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

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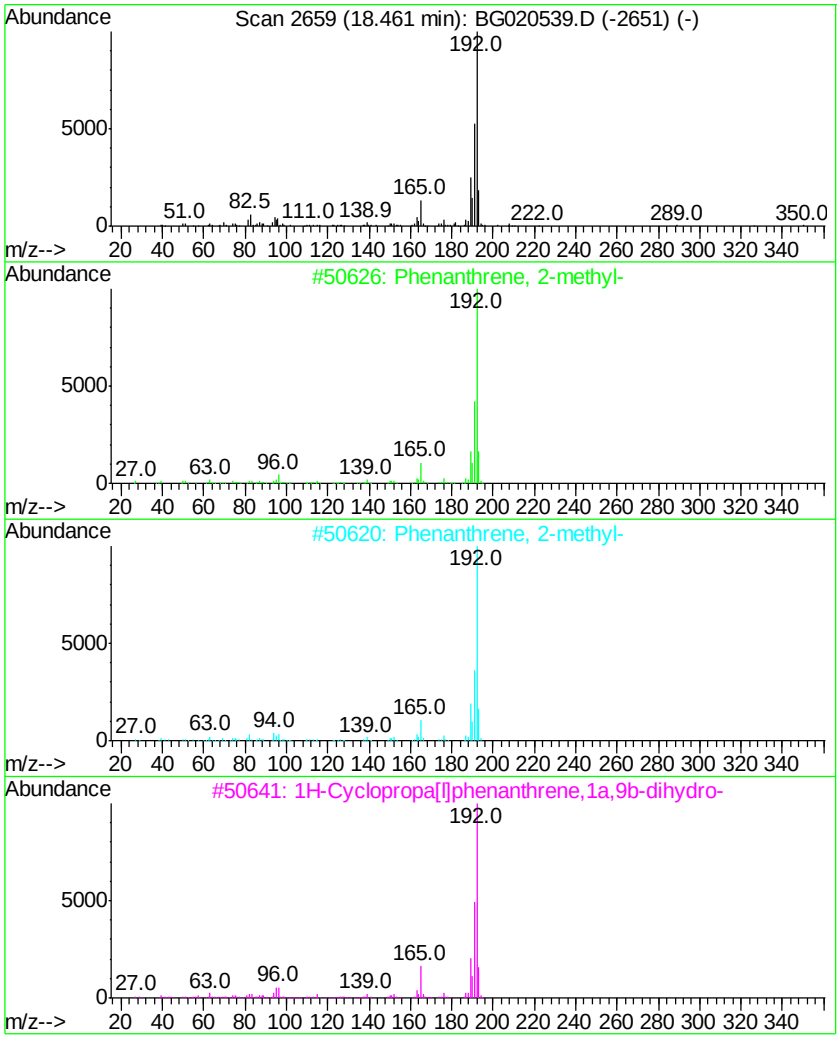
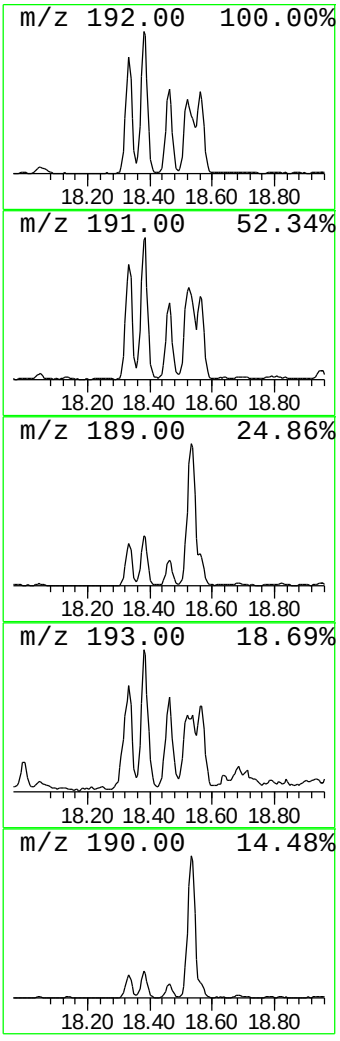
Peak Number 26 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	10.54 ng/ul	227344	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Misc :
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Instrument : BNA_G
ClientSampleId : G9D93

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Quant Title : SVOA CALIBRATION

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

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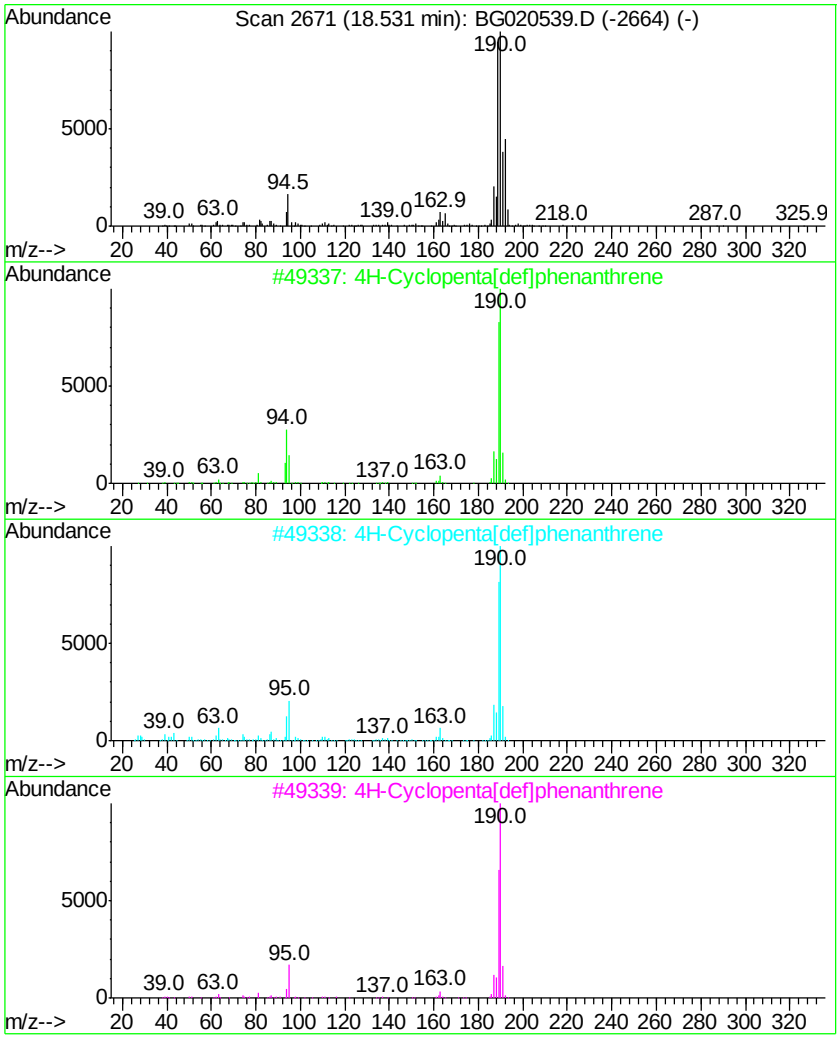
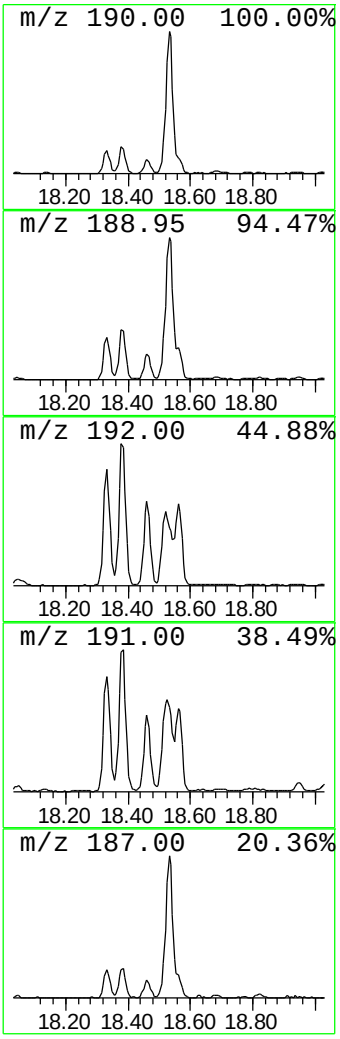
Peak Number 27 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	29.53 ng/ul	637281	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42





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Sample : G4802-18
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Quant Title : SVOA CALIBRATION

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

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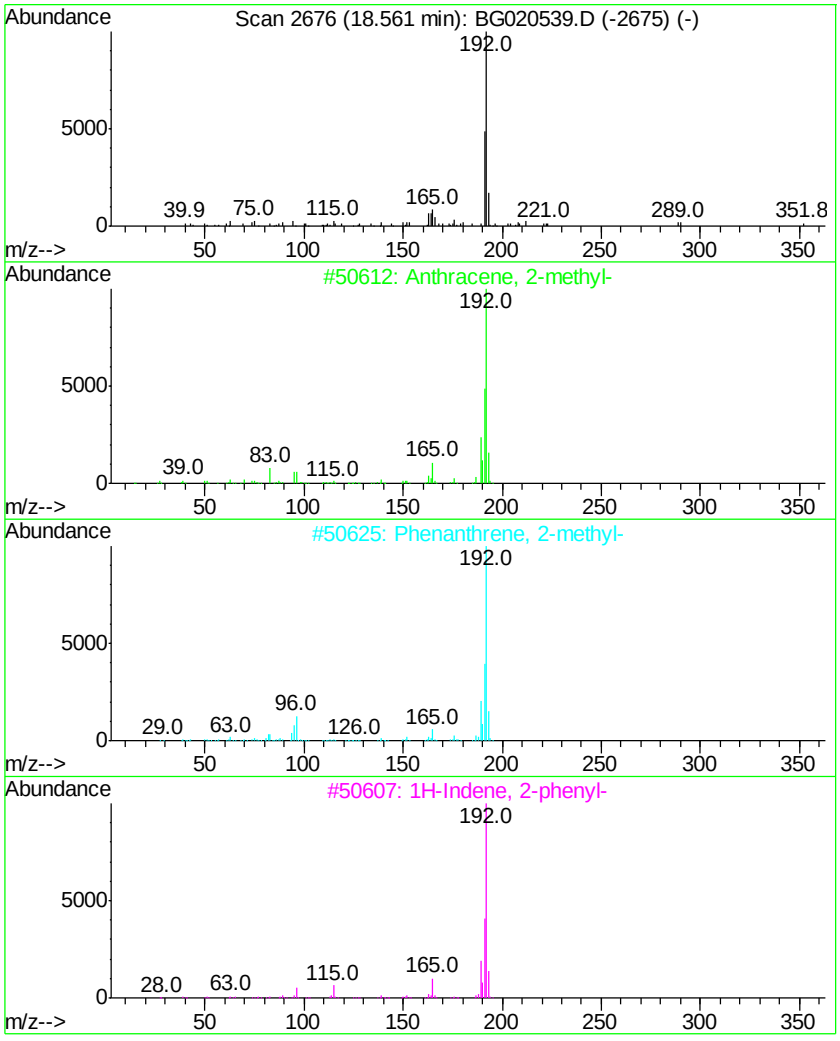
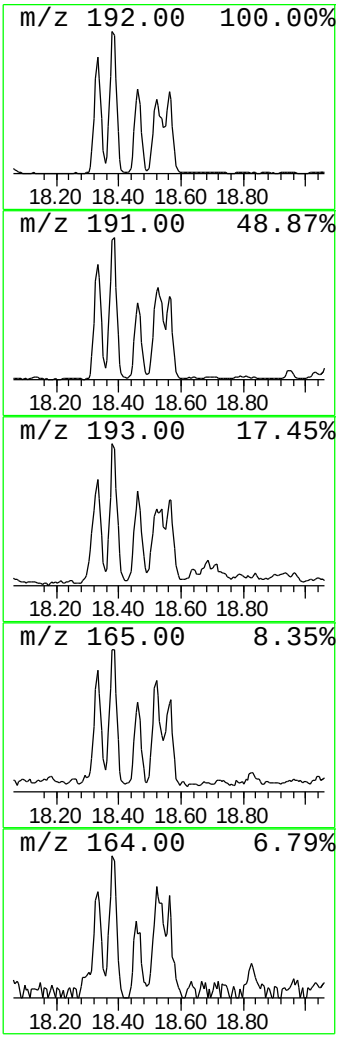
Peak Number 28 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	6.66 ng/ul	143781	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	80





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Instrument : BNA_G
ClientSampleId : G9D93

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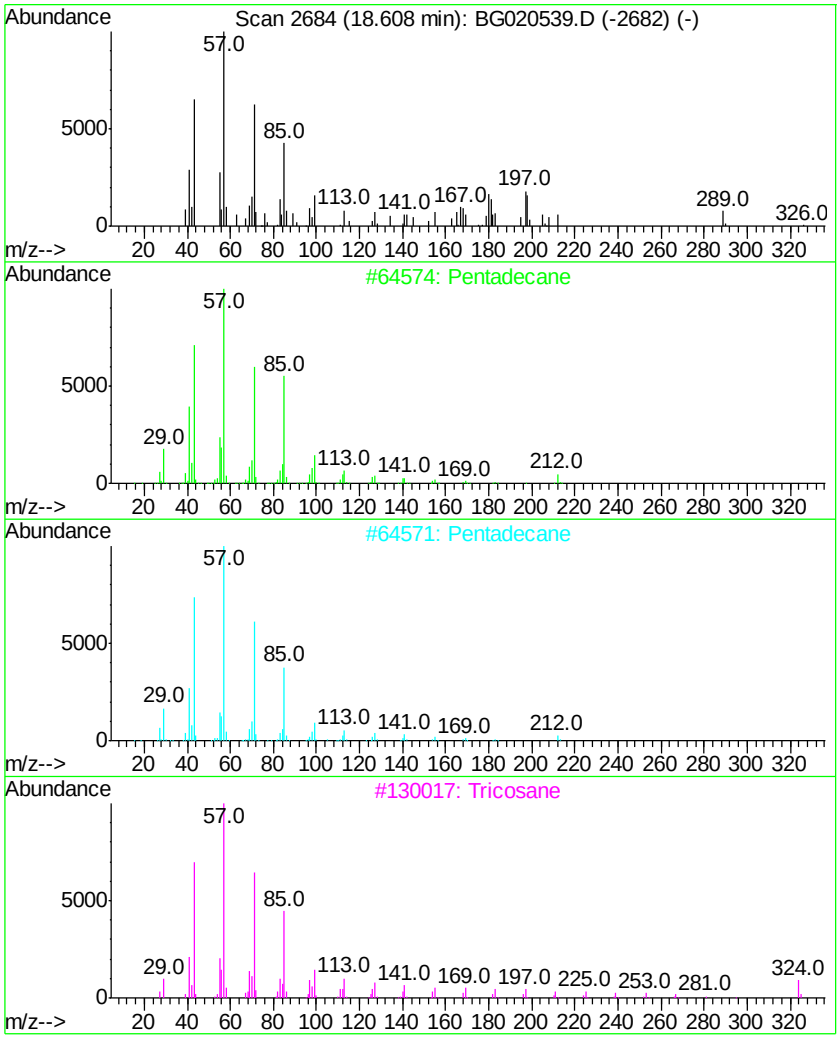
Quant Title : SVOA CALIBRATION

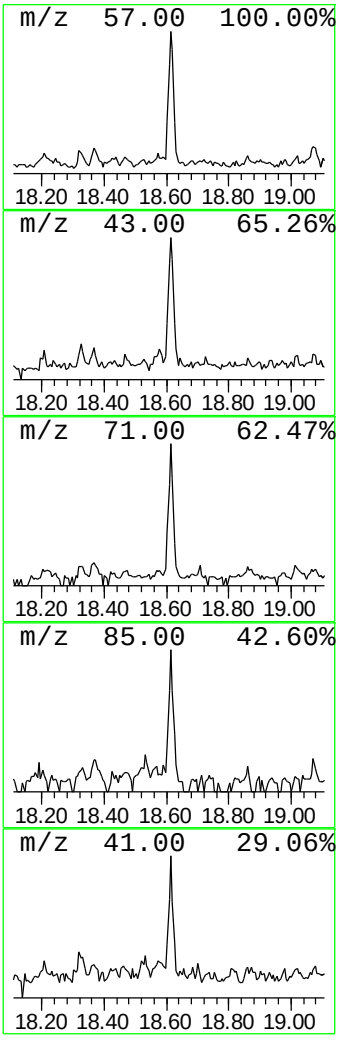
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	2.82 ng/ul	60814	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	50
2	Pentadecane	212	C15H32	000629-62-9	49
3	Tricosane	324	C23H48	000638-67-5	46
4	Pentadecane	212	C15H32	000629-62-9	45
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	43





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Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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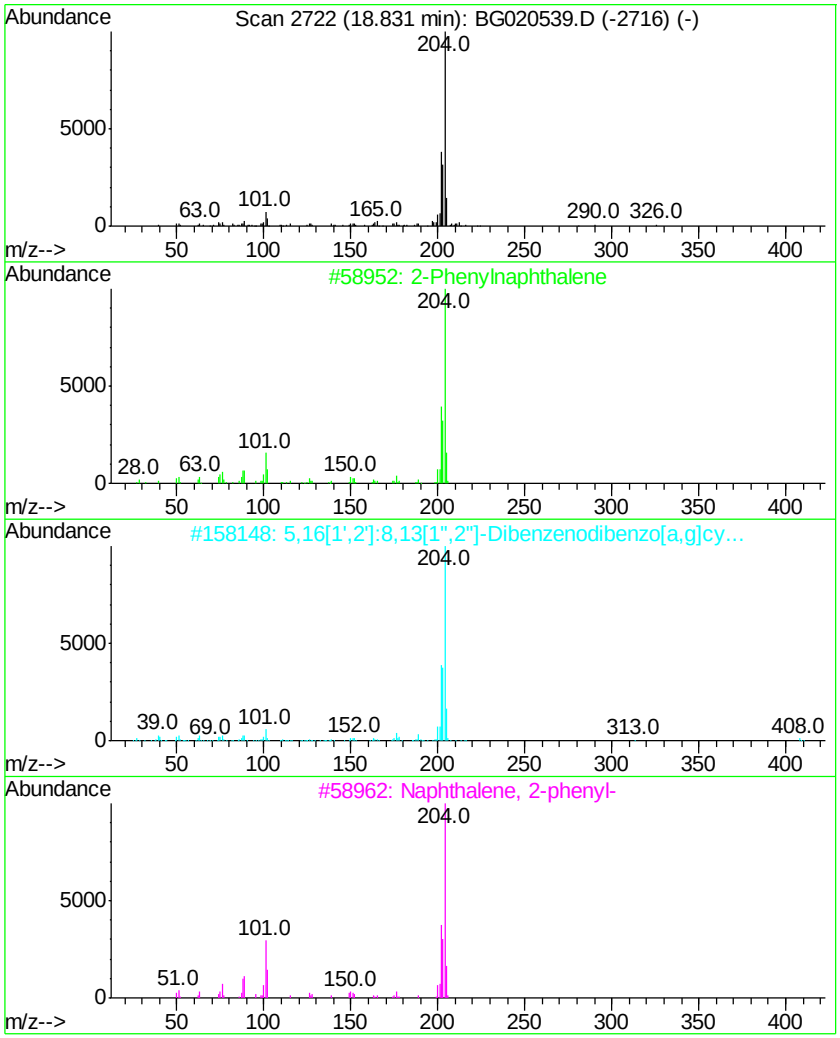
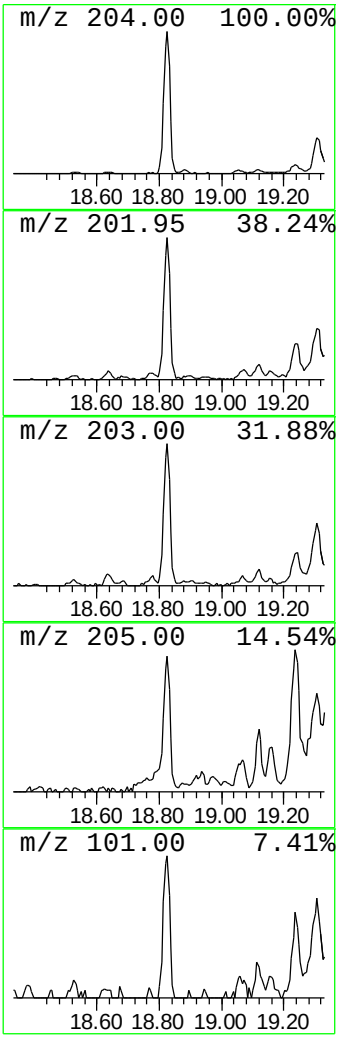
Peak Number 30 2-Phenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	8.06 ng/ul	173882	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	83
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	64
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020539.D
Acq On : 26 Dec 2015 14:11
Operator : UM/SJ
Sample : G4802-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D93

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.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
Benzene, 1-propynyl-	8.61	19.5	ng/ul	131012	1	8.07	134340	20.0
1H-Indene, 1-methyl-	10.32	7.9	ng/ul	76821	2	10.89	193393	20.0
Naphthalene, 1-me...	12.76	41.4	ng/ul	400436	2	10.89	193393	20.0
Naphthalene, 1,7-...	13.88	14.4	ng/ul	220885	3	14.71	305925	20.0
Naphthalene, 2,3-...	14.03	17.8	ng/ul	272475	3	14.71	305925	20.0
Naphthalene, 1,4-...	14.27	7.9	ng/ul	121491	3	14.71	305925	20.0
Naphthalene, 2,3,...	15.18	4.6	ng/ul	70656	3	14.71	305925	20.0
Naphthalene, 1,4,...	15.32	5.8	ng/ul	89208	3	14.71	305925	20.0
Naphthalene, 1,6,...	15.38	4.9	ng/ul	74564	3	14.71	305925	20.0
Naphthalene, 1,4,...	15.49	5.3	ng/ul	80587	3	14.71	305925	20.0
(DEL) Alkane: Str...	15.53	4.7	ng/ul	72447	3	14.71	305925	20.0
unknown-01	15.92	4.0	ng/ul	60494	3	14.71	305925	20.0
unknown-02	15.96	4.1	ng/ul	63094	3	14.71	305925	20.0
Dibenzofuran, 4-m...	16.05	9.5	ng/ul	145915	3	14.71	305925	20.0
6H-Dibenzo[b,d]-p...	16.19	9.5	ng/ul	204423	4	17.46	431553	20.0
(DEL) Alkane: Str...	16.39	2.7	ng/ul	58160	4	17.46	431553	20.0
9H-Fluorene, 2-me...	16.76	8.5	ng/ul	184343	4	17.46	431553	20.0
9H-Fluorene, 1-me...	16.81	3.0	ng/ul	65200	4	17.46	431553	20.0
9H-Fluorene, 4-me...	16.90	3.2	ng/ul	68577	4	17.46	431553	20.0
1,1'-Biphenyl, 4-...	16.99	3.6	ng/ul	78588	4	17.46	431553	20.0
(DEL) Alkane: Str...	17.19	4.5	ng/ul	96129	4	17.46	431553	20.0
Naphtho[2,3-b]thi...	17.27	7.7	ng/ul	166987	4	17.46	431553	20.0
Anthracene, 1-met...	18.33	15.9	ng/ul	344109	4	17.46	431553	20.0
Phenanthrene, 1-m...	18.38	19.3	ng/ul	415407	4	17.46	431553	20.0
Phenanthrene, 2-m...	18.46	10.5	ng/ul	227344	4	17.46	431553	20.0
4H-Cyclopenta[def...	18.53	29.5	ng/ul	637281	4	17.46	431553	20.0
Anthracene, 2-met...	18.56	6.7	ng/ul	143781	4	17.46	431553	20.0
(DEL) Alkane: Str...	18.61	2.8	ng/ul	60814	4	17.46	431553	20.0
2-Phenylnaphthalene	18.83	8.1	ng/ul	173882	4	17.46	431553	20.0