LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

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-BG121415.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.201	57	62	68	rVV	104233	143241	2.81%	0.345%
2	5.581	461	467	476	rVB	90335	136491	2.68%	0.328%
3	7.238	742	749	757	rBV2	85932	165244	3.24%	0.397%
4	7.626	809	815	822	rVV	54724	89971	1.76%	0.216%
5	7.737	822	834	843	rVB	82485	157859	3.09%	0.380%
6	8.096	885	895	907	rVB2	63981	124712	2.44%	0.300%
7	8.472	951	959	967	rVB	393372	676678	13.26%	1.628%
8	8.795	1009	1014	1021	rVV2	69106	119481	2.34%	0.287%
9	9.200	1071	1083	1088	rBV	51327	94066	1.84%	0.226%
10	9.265	1088	1094	1107	rVB2	57271	137391	2.69%	0.330%
11	9.988	1212	1217	1221	rBV2	45712	77559	1.52%	0.187%
12	10.152	1240	1245	1254	rVB	69627	124574	2.44%	0.300%
13	10.317	1265	1273	1274	rBV3	81740	131772	2.58%	0.317%
14	10.411	1283	1289	1293	rBV	109704	229648	4.50%	0.552%
15	10.528	1304	1309	1318	rVB2	80950	149209	2.92%	0.359%
16	10.922	1370	1376	1378	rVV	95961	197124	3.86%	0.474%
17	10.981	1378	1386	1392	rVV	2536507	5101258	100.00%	12.270%
18	11.051	1392	1398	1401	rVV3	78222	166210	3.26%	0.400%
19	11.086	1401	1404	1417	rVB	52477	109306	2.14%	0.263%
20	11.762	1509	1519	1524	rBV5	27578	82306	1.61%	0.198%
21	12.097	1571	1576	1583	rVB2	41129	77856	1.53%	0.187%
22	12.573	1645	1657	1664	rVB	2049473	3574824	70.08%	8.598%
23	12.790	1683	1694	1702	rVB	1181938	2024731	39.69%	4.870%
24	13.254	1768	1773	1779	rVB	56909	86942	1.70%	0.209%
25	13.560	1815	1825	1830	rBV	207257	372744	7.31%	0.897%
26	13.760	1853	1859	1869	rVB	415746	730857	14.33%	1.758%
27	13.889	1873	1881	1882	rBV	357083	472595	9.26%	1.137%
28	14.053	1901	1909	1913	rBV	494582	912464	17.89%	2.195%
29	14.106	1913	1918	1925	rVB2	346915	695216	13.63%	1.672%
30	14.171	1925	1929	1937	rVB2	116437	265912	5.21%	0.640%
31	14.283	1943	1948	1952	rBV	228156	364638	7.15%	0.877%
32	14.424	1966	1972	1974	rBV2	177094	294675	5.78%	0.709%
33	14.447	1974	1976	1988	rVB	171347	272415	5.34%	0.655%
34	14.694	2012	2018	2021	rBV	168005	287452	5.63%	0.691%

LSC Area Percent Report

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Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

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-BG121415.M
Title : SVOA CALIBRATION

35	14.729	2021	2024	2029	rVB2	181513	252518	4.95%	0.607%
36	14.794	2029	2035	2041	rVB	825953	1324854	25.97%	3.187%
37	14.923	2050	2057	2066	rVB2	128186	331601	6.50%	0.798%
38	15.117	2084	2090	2096	rVB2	187815	338002	6.63%	0.813%
39	15.193	2099	2103	2109	rBV	116531	173651	3.40%	0.418%
40	15.334	2120	2127	2132	rBV3	92019	205609	4.03%	0.495%
41	15.387	2132	2136	2140	rVV	78081	104078	2.04%	0.250%
42	15.511	2149	2157	2160	rBV4	79410	171108	3.35%	0.412%
43	15.546	2160	2163	2167	rVB3	57579	76601	1.50%	0.184%
44	15.593	2167	2171	2177	rBV	134693	193289	3.79%	0.465%
45	15.716	2188	2192	2196	rVV	289479	402727	7.89%	0.969%
46	15.775	2196	2202	2209	rVV	403991	687538	13.48%	1.654%
47	15.963	2226	2234	2242	rVB2	118025	349557	6.85%	0.841%
48	16.057	2246	2250	2256	rVB4	52871	91302	1.79%	0.220%
49	16.180	2266	2271	2283	rBV3	195272	389513	7.64%	0.937%
50	16.439	2306	2315	2320	rBV	226735	390698	7.66%	0.940%
51	16.768	2364	2371	2376	rBV2	132162	328929	6.45%	0.791%
52	16.821	2376	2380	2385	rVB3	133494	197009	3.86%	0.474%
53	16.921	2393	2397	2403	rVB	88590	123797	2.43%	0.298%
54	17.026	2412	2415	2423	rVB8	42900	83258	1.63%	0.200%
55	17.126	2428	2432	2437	rVB2	66890	97279	1.91%	0.234%
56	17.261	2449	2455	2457	rVV	117266	197409	3.87%	0.475%
57	17.285	2457	2459	2466	rVB	110443	156610	3.07%	0.377%
58	17.473	2484	2491	2493	rBV	237748	379321	7.44%	0.912%
59	17.520	2493	2499	2504	rVV	1542292	2386804	46.79%	5.741%
60	17.567	2504	2507	2510	rVV2	222114	341175	6.69%	0.821%
61	17.602	2510	2513	2518	rVV	440267	630876	12.37%	1.517%
62	17.667	2519	2524	2528	rVV6	67282	149940	2.94%	0.361%
63	17.743	2534	2537	2545	rVB8	33902	77354	1.52%	0.186%
64	17.867	2554	2558	2564	rBV4	84408	141555	2.77%	0.340%
65	18.049	2585	2589	2596	rVB2	86603	120472	2.36%	0.290%
66	18.190	2606	2613	2621	rBV4	48338	133852	2.62%	0.322%
67	18.343	2634	2639	2643	rBV	387959	574490	11.26%	1.382%
68	18.390	2643	2647	2652	rVB	411239	594153	11.65%	1.429%
69	18.472	2657	2661	2666	rVV	181718	286175	5.61%	0.688%
70	18.542	2666	2673	2676	rVV2	441430	918775	18.01%	2.210%
71	18.572	2676	2678	2684	rVB	263651	352552	6.91%	0.848%

LSC Area Percent Report

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Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

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-BG121415.M
Title : SVOA CALIBRATION

72	18.836	2718	2723	2727	rBV	173405	246344	4.83%	0.593%
73	19.083	2761	2765	2769	rVB4	63845	88548	1.74%	0.213%
74	19.253	2788	2794	2798	rBV2	205285	353721	6.93%	0.851%
75	19.312	2798	2804	2807	rBV3	99282	206413	4.05%	0.496%
76	19.388	2813	2817	2819	rBV	66080	100739	1.97%	0.242%
77	19.518	2833	2839	2844	rBV	591880	871664	17.09%	2.097%
78	19.612	2852	2855	2859	rVV2	51162	71376	1.40%	0.172%
79	19.665	2859	2864	2874	rVB	209452	344876	6.76%	0.830%
80	19.853	2890	2896	2897	rBV2	289517	434769	8.52%	1.046%
81	19.882	2897	2901	2908	rVV	840938	1227159	24.06%	2.952%
82	19.947	2908	2912	2917	rVB2	59296	99243	1.95%	0.239%
83	20.199	2950	2955	2962	rVB2	88520	212201	4.16%	0.510%
84	20.328	2974	2977	2978	rBV3	66411	71947	1.41%	0.173%
85	20.364	2979	2983	2988	rVB	251683	383203	7.51%	0.922%
86	20.464	2996	3000	3004	rBV	198527	249520	4.89%	0.600%
87	20.522	3006	3010	3014	rVB	132465	170161	3.34%	0.409%
88	20.616	3022	3026	3030	rBV2	51167	69815	1.37%	0.168%
89	20.663	3030	3034	3038	rBV	109757	163806	3.21%	0.394%
90	20.704	3038	3041	3046	rVV	130635	179495	3.52%	0.432%
91	21.363	3149	3153	3157	rVB2	121124	174738	3.43%	0.420%
92	21.727	3208	3215	3222	rBV3	416685	1150792	22.56%	2.768%
93	21.786	3222	3225	3237	rVB	276613	479690	9.40%	1.154%
94	22.485	3340	3344	3350	rVB	84209	139777	2.74%	0.336%
95	23.971	3591	3597	3605	rBV2	75699	253642	4.97%	0.610%
96	24.700	3715	3721	3727	rBV	59930	151626	2.97%	0.365%
97	24.782	3729	3735	3741	rVV2	130545	367609	7.21%	0.884%
98	24.853	3742	3747	3759	rVB	137206	373652	7.32%	0.899%
99	25.005	3765	3773	3783	rBV	160747	447649	8.78%	1.077%
100	28.736	4399	4408	4415	rBV5	23952	89744	1.76%	0.216%

Sum of corrected areas: 41575771

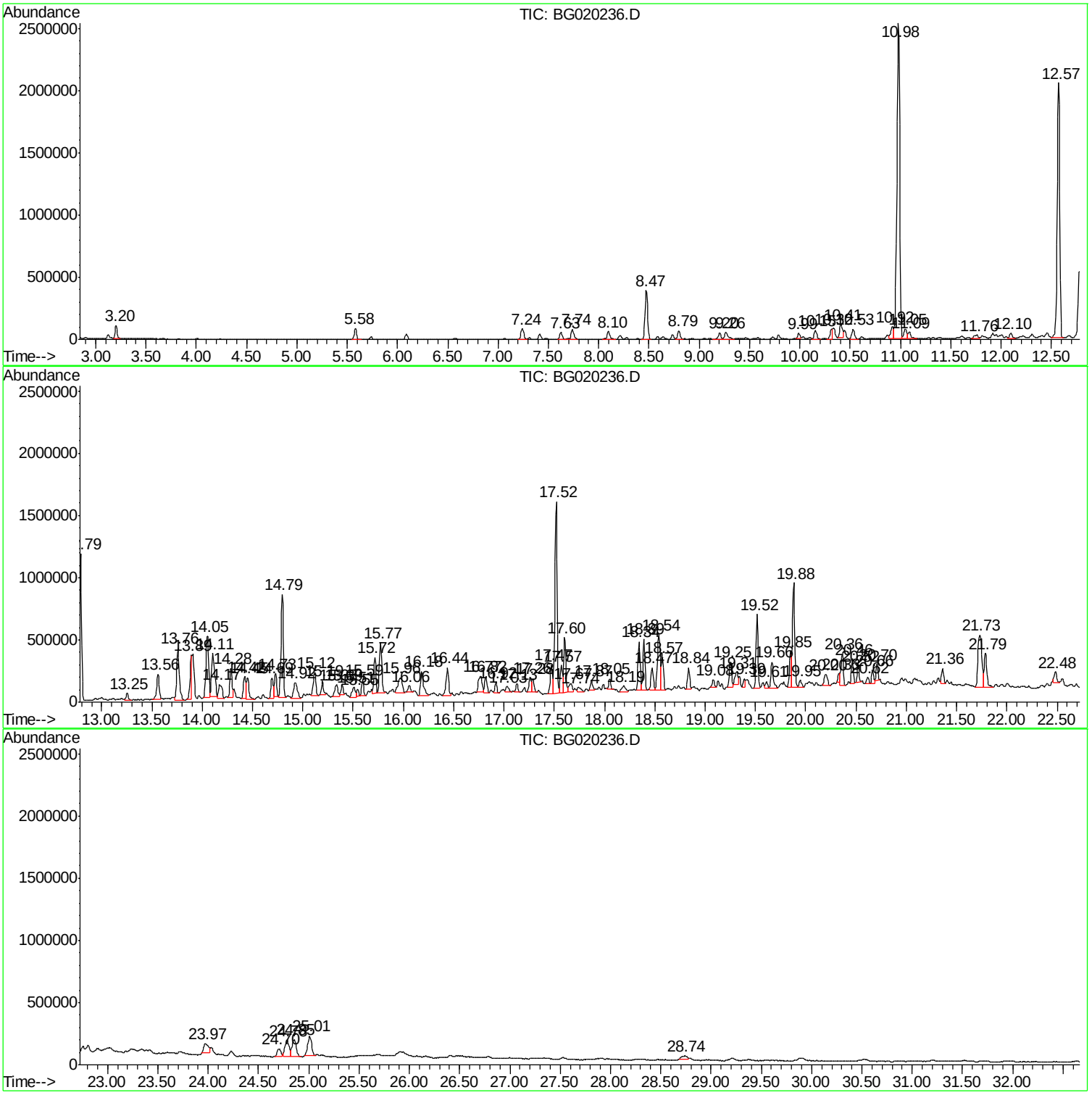
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
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Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

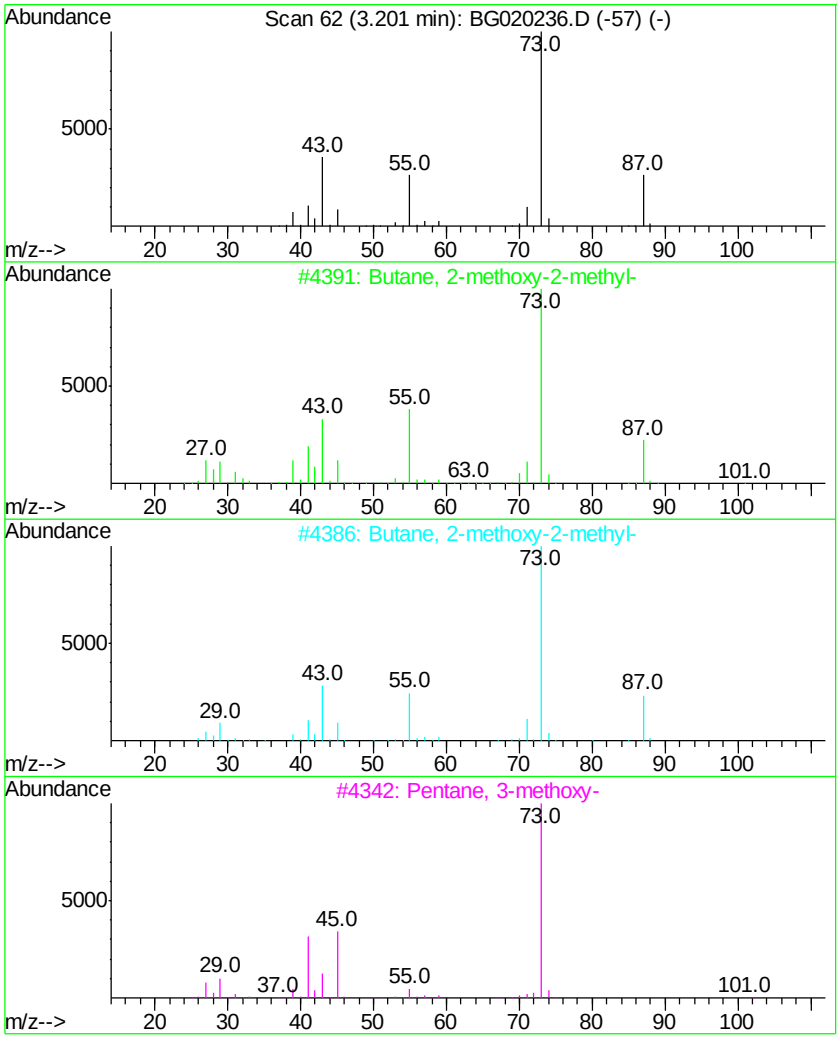
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

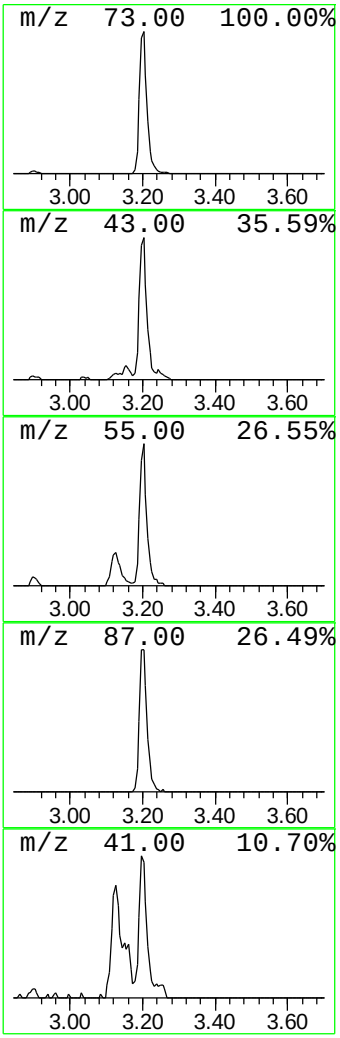
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	22.97 ng/ul	143241	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

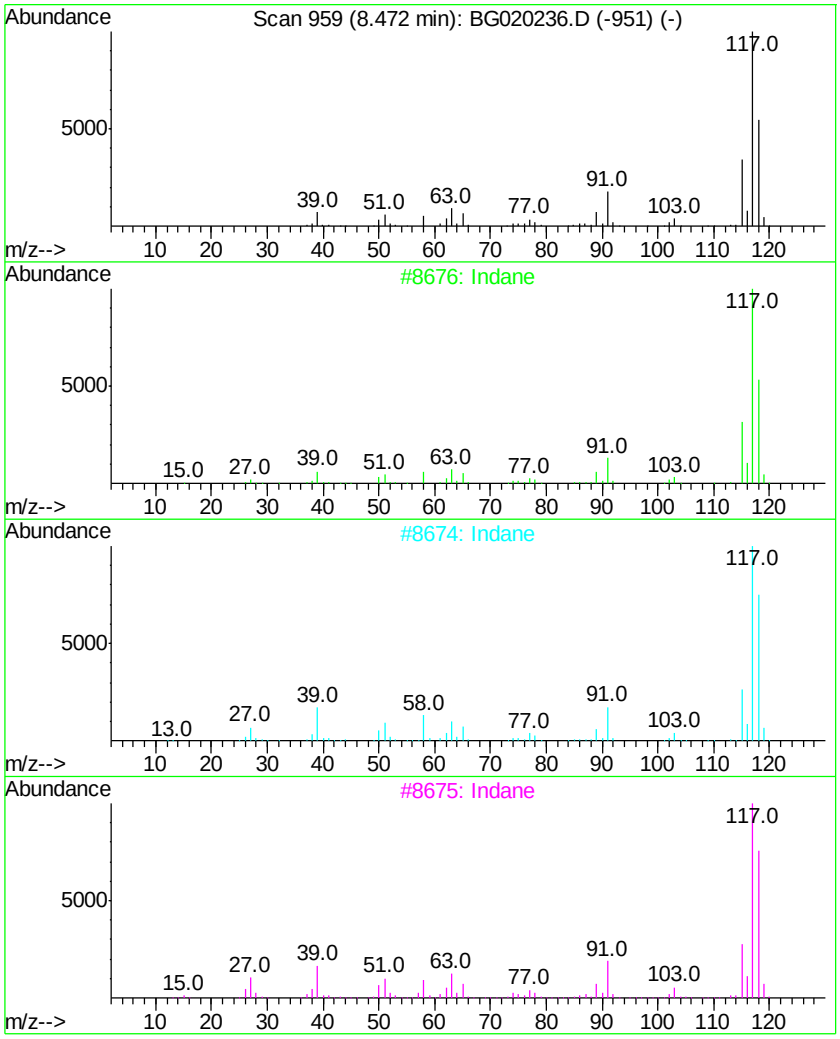
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

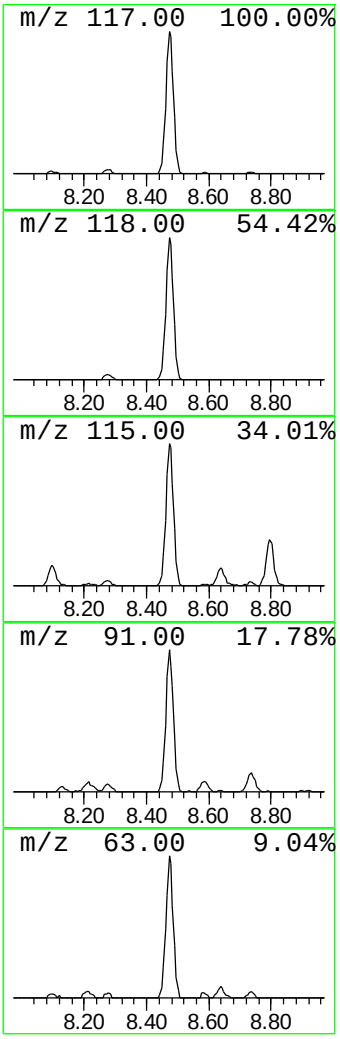
****

Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	108.52 ng/ul	676678	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	90
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78





Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

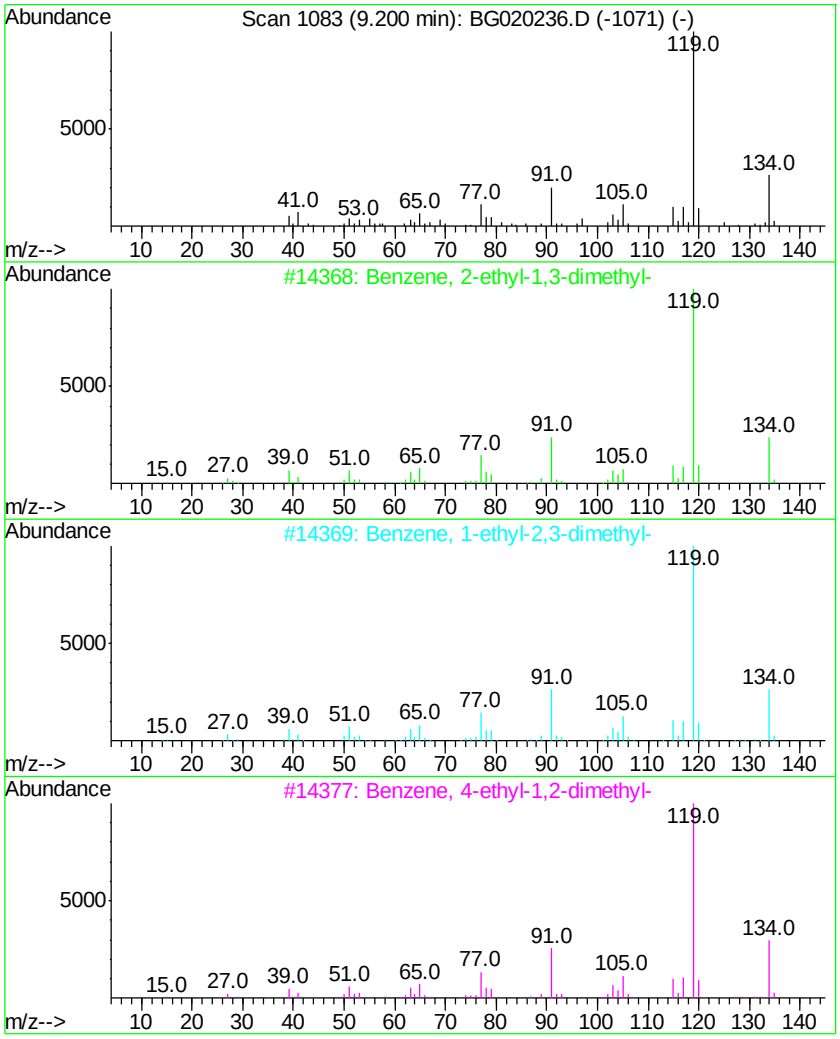
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

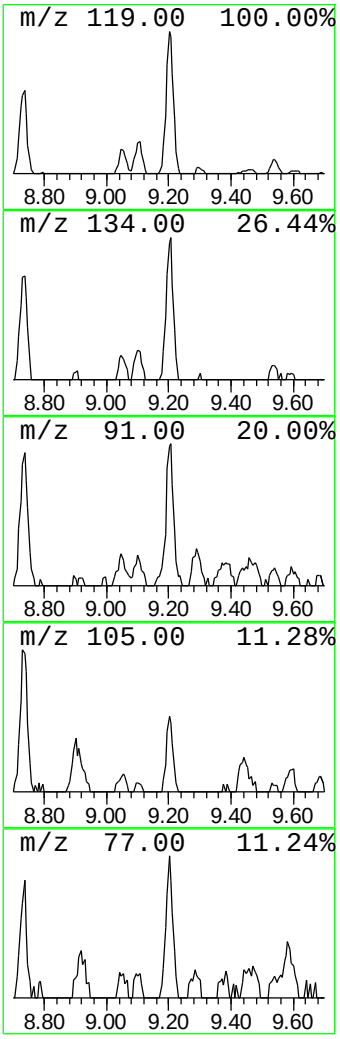
****

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	15.09 ng/ul	94066	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

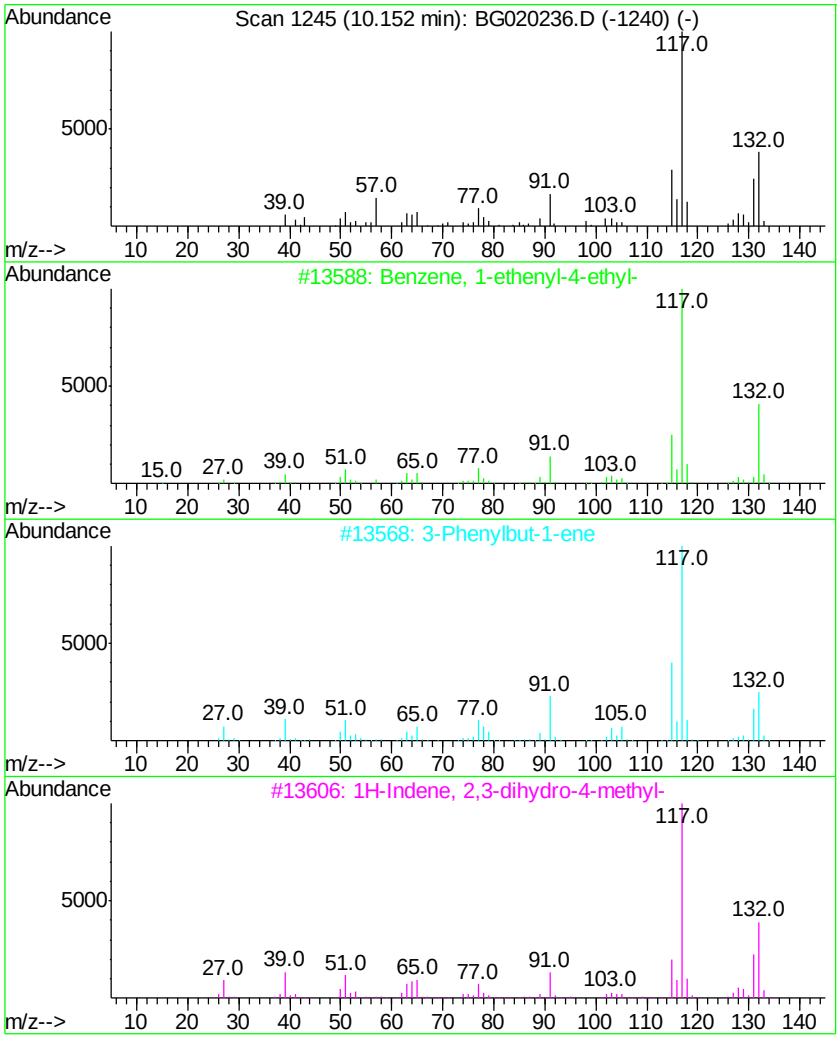
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

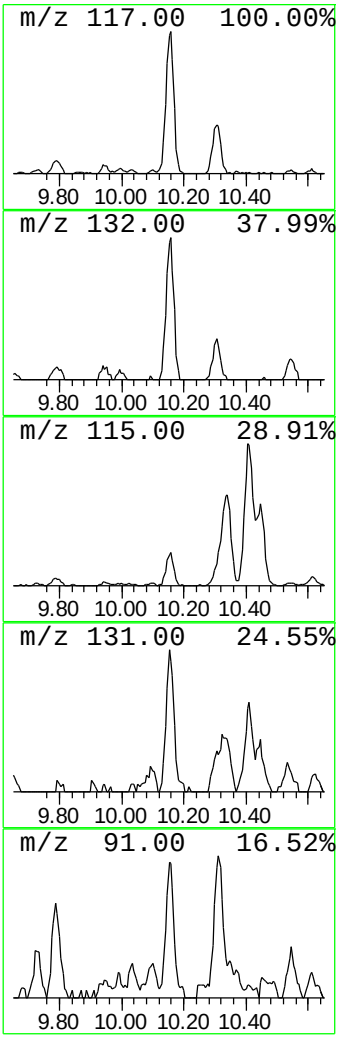
****

Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	12.64 ng/ul	124574	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

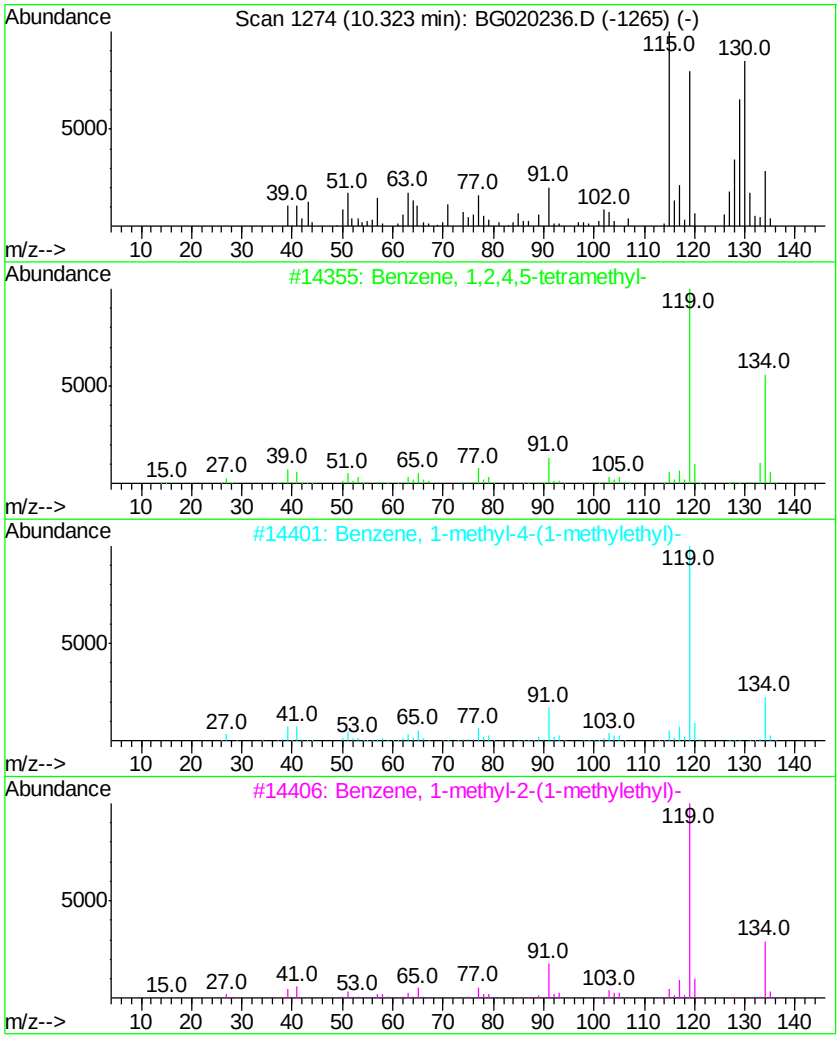
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

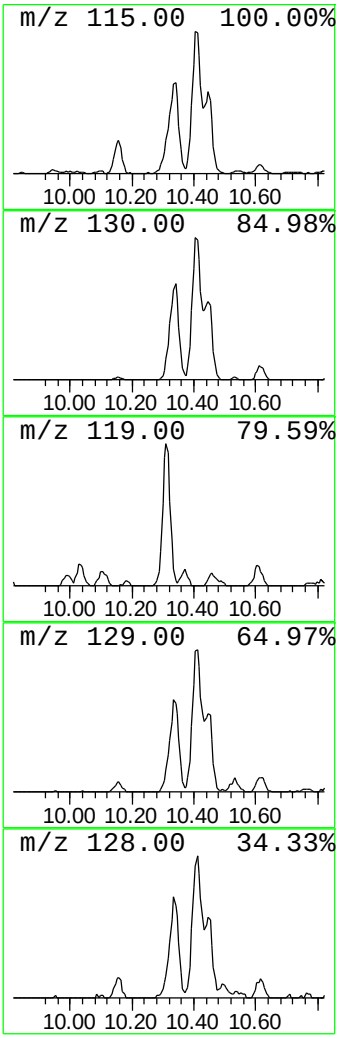
****

Peak Number 7 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	13.37 ng/ul	131772	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	46
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	46
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	45
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43





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Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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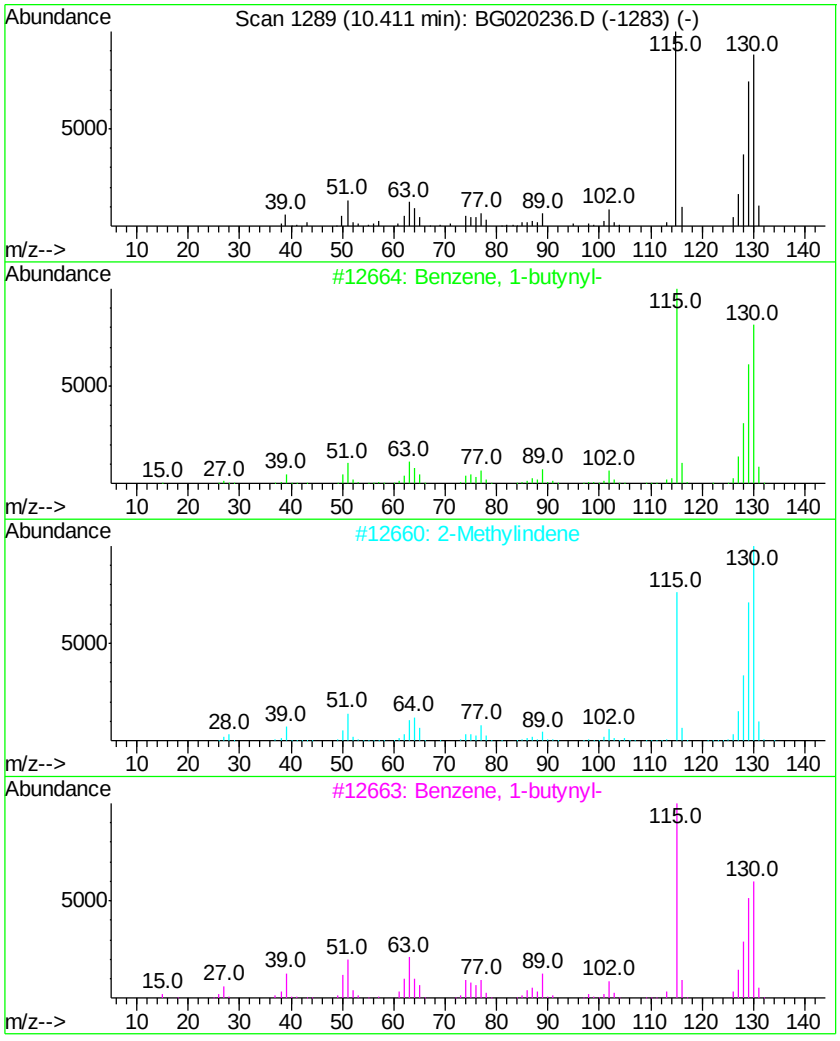
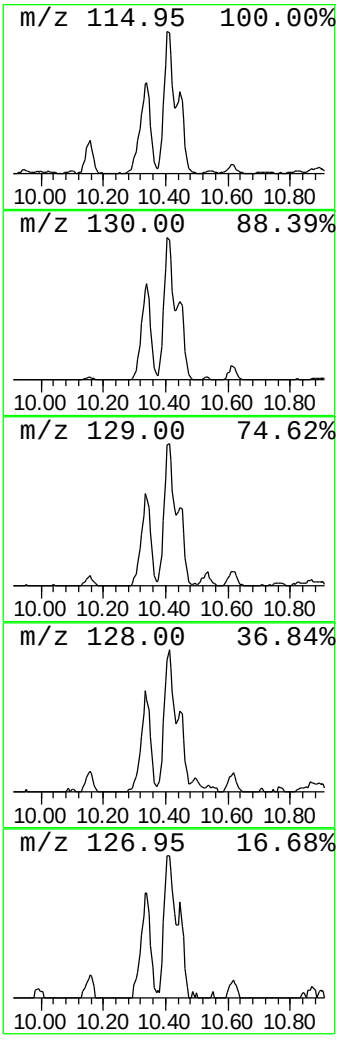
Peak Number 8 Benzene, 1-butynyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	23.30 ng/ul	229648	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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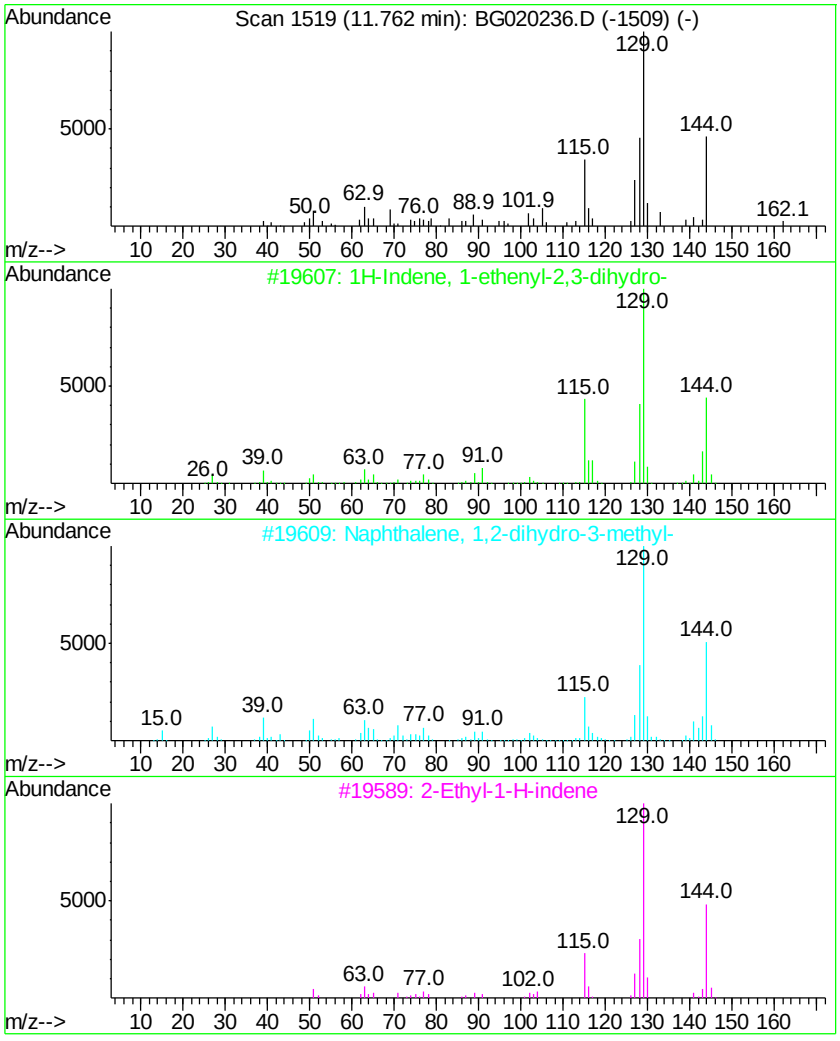
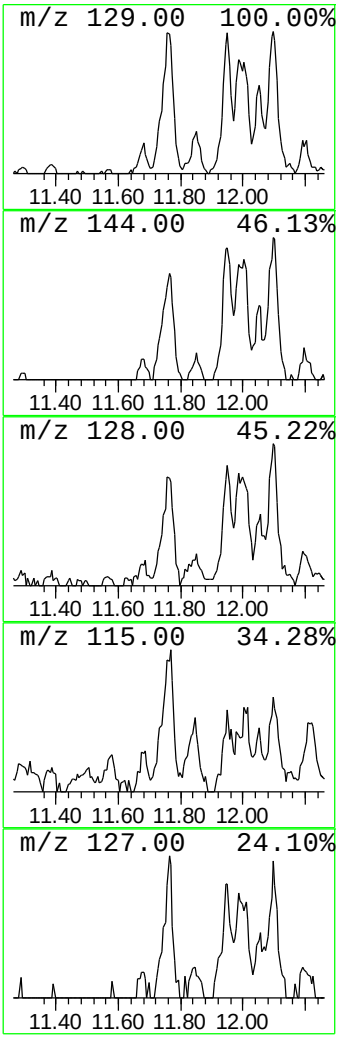
Peak Number 9 1H-Indene, 1-ethenyl-2,3-di... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	8.35 ng/ul	82306	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	90
2	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	90
3	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	90
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	87
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	83





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Instrument : BNA_G
ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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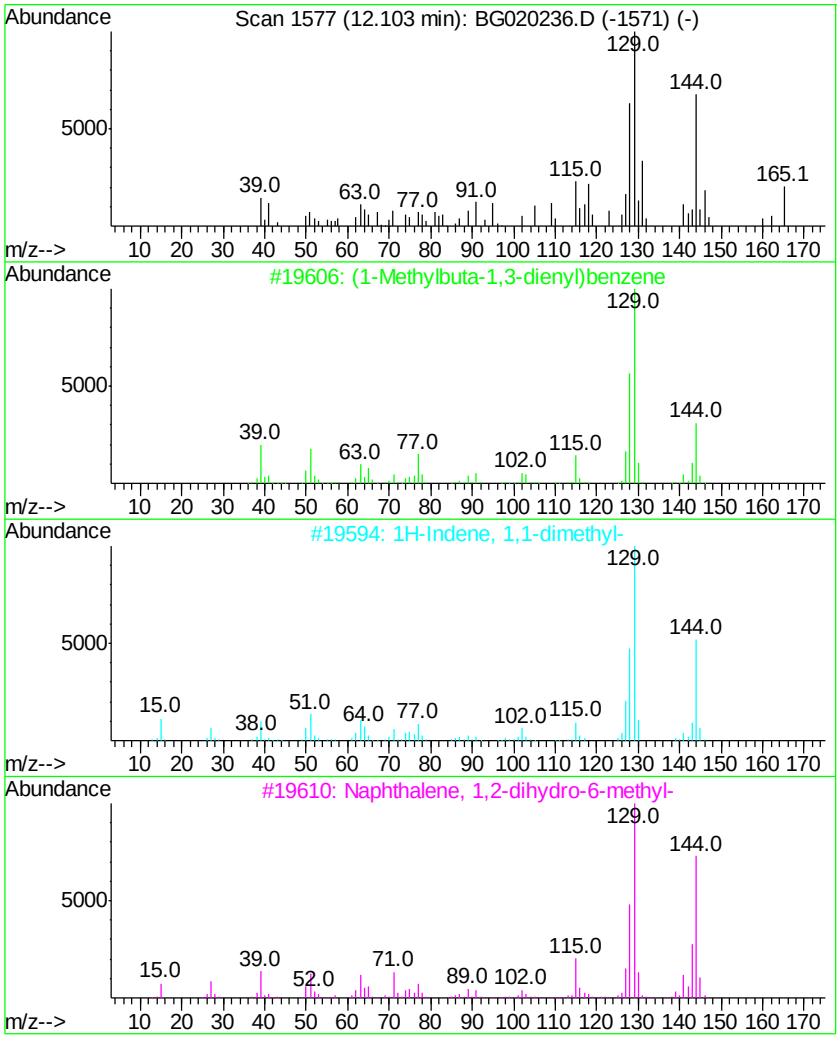
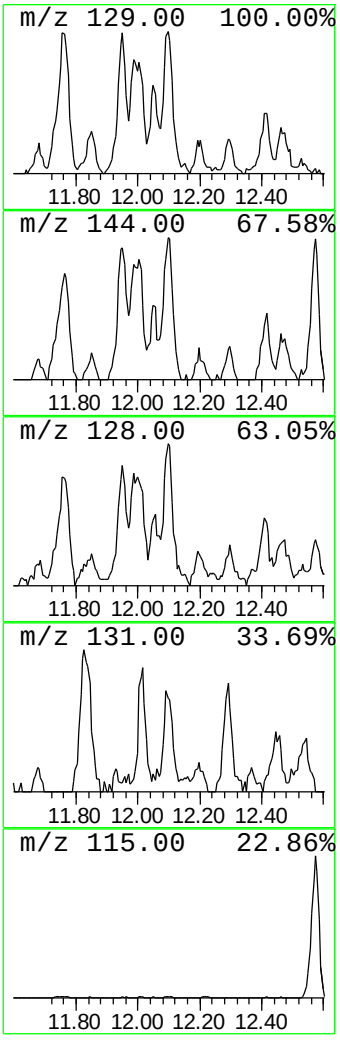
Peak Number 10 (1-Methylbuta-1,3-dienyl)be... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	7.90 ng/ul	77856	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	64
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	64
3	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	64
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	64
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	64





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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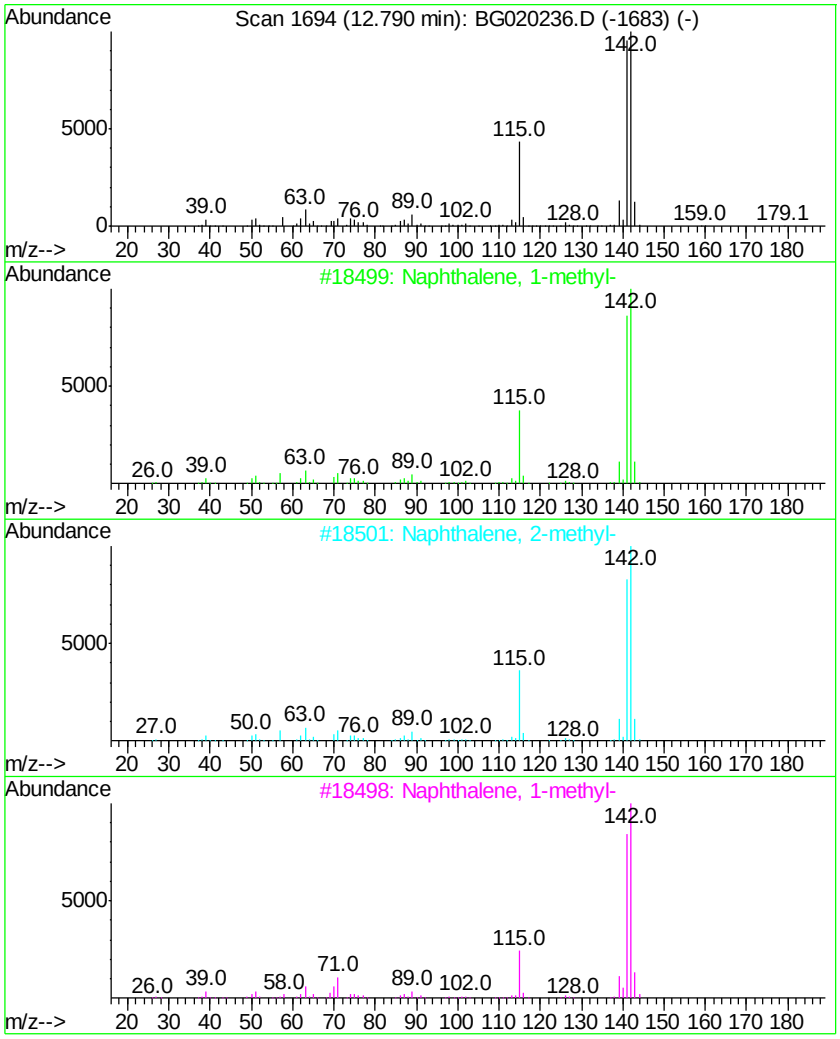
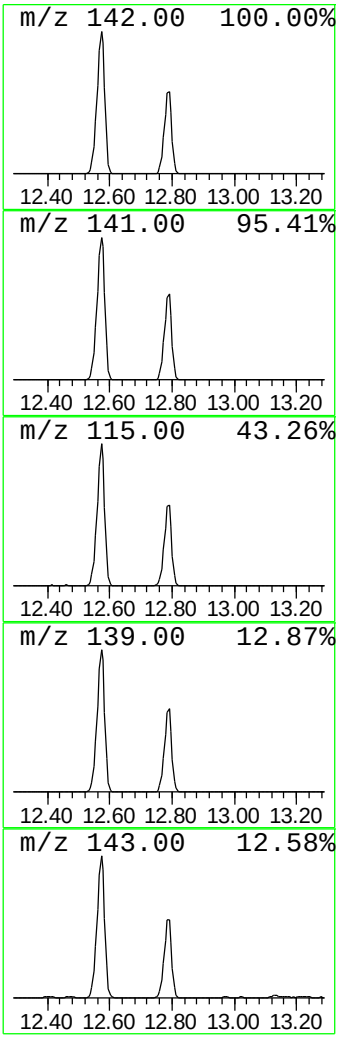
Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	205.43 ng/ul	2024730	Naphthalene-d8	10.92

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





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Instrument : BNA_G
ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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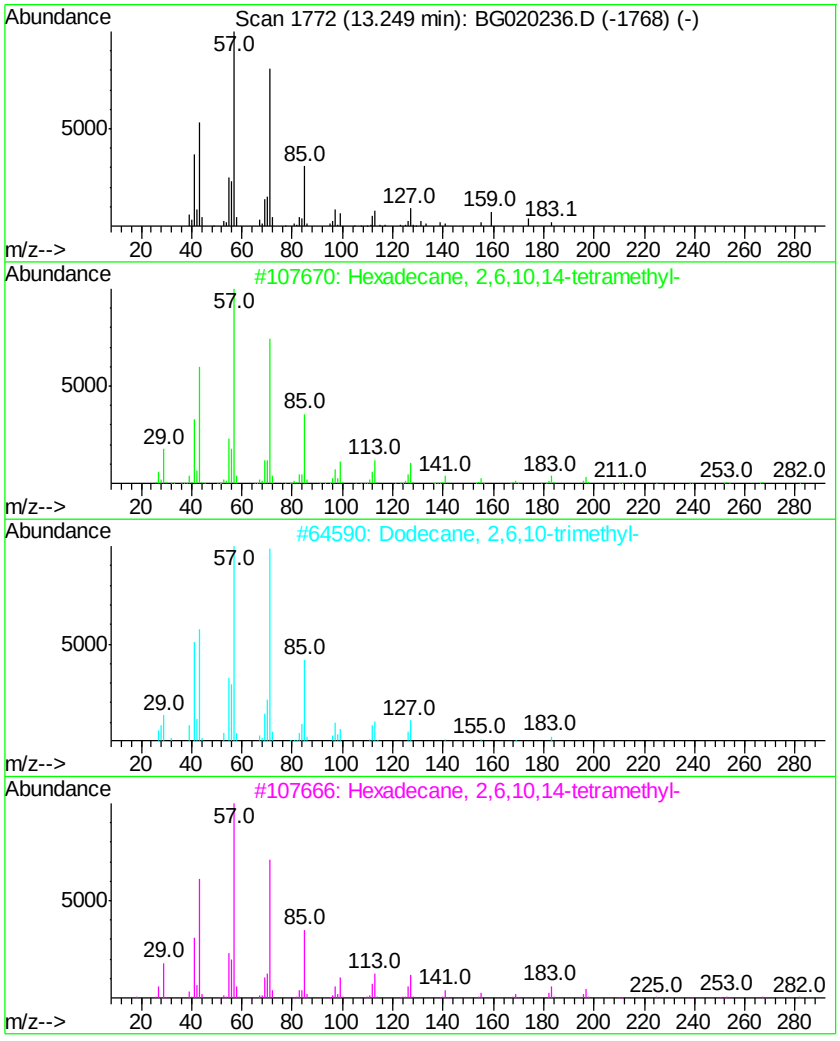
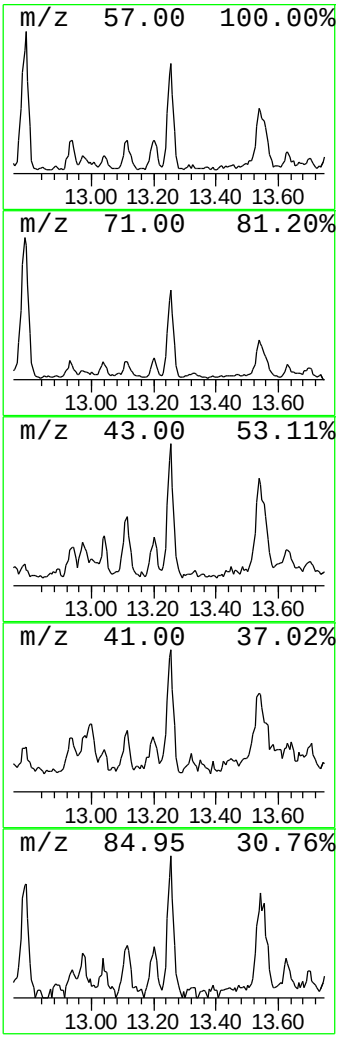
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.89 ng/ul	86942	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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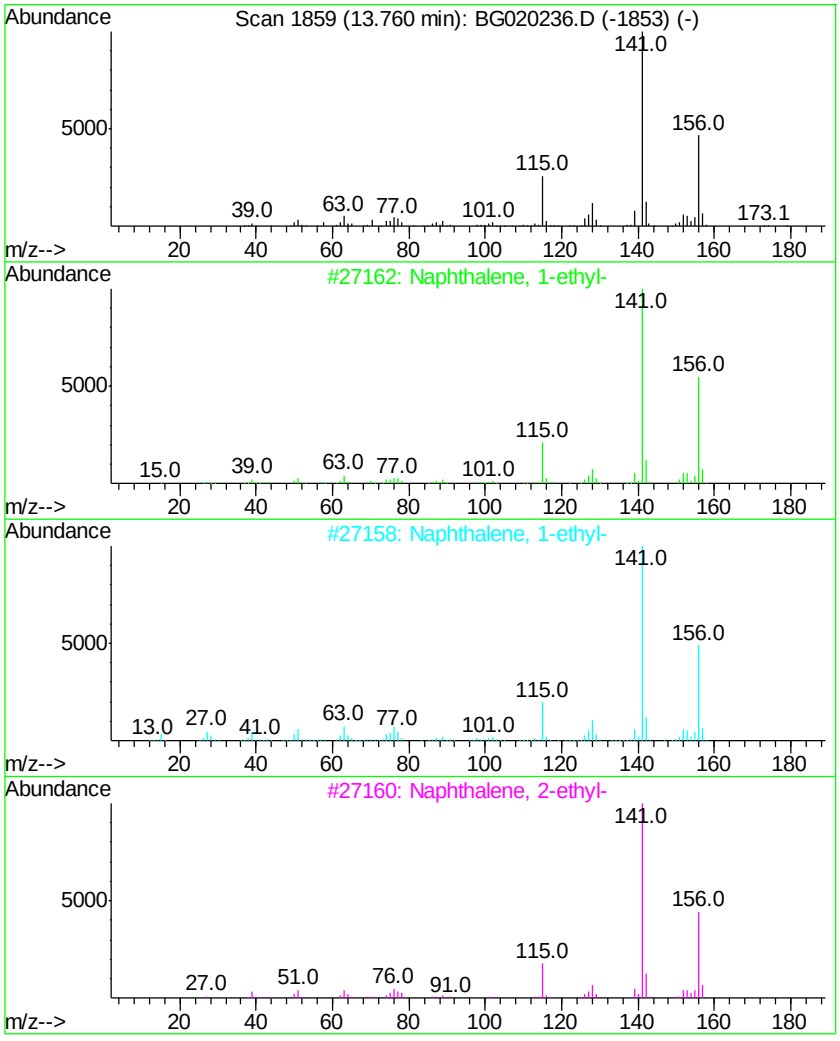
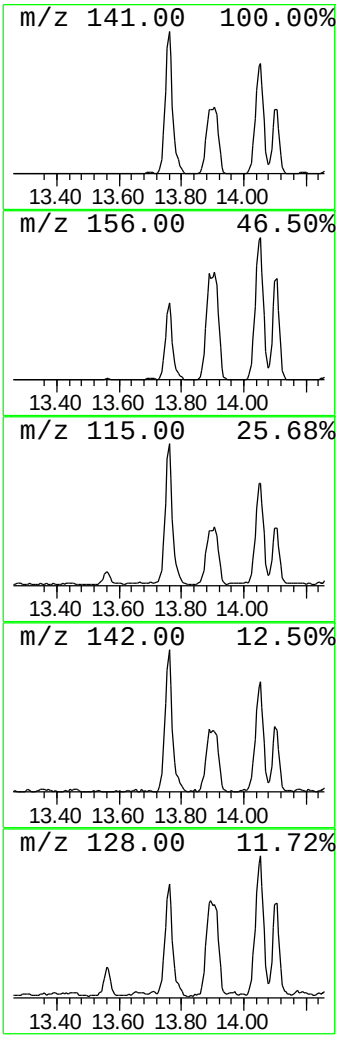
Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	57.89 ng/ul	730857	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91





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Sample : G4787-18
Misc :
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Instrument : BNA_G
ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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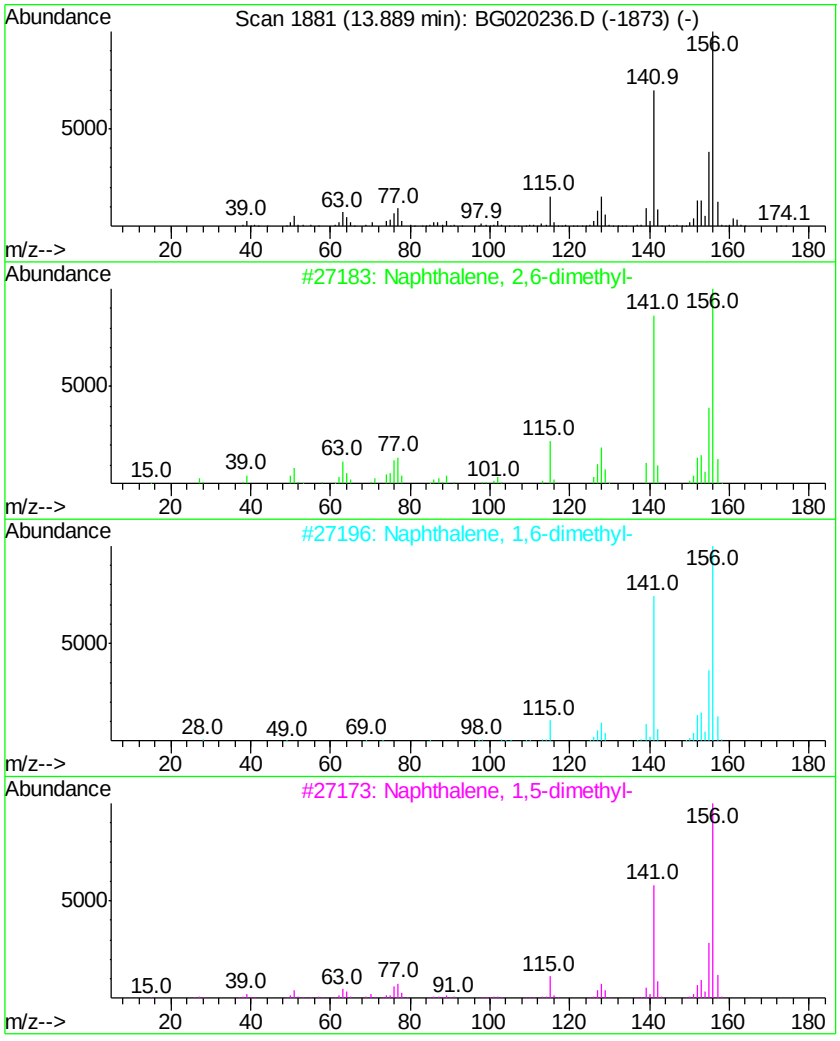
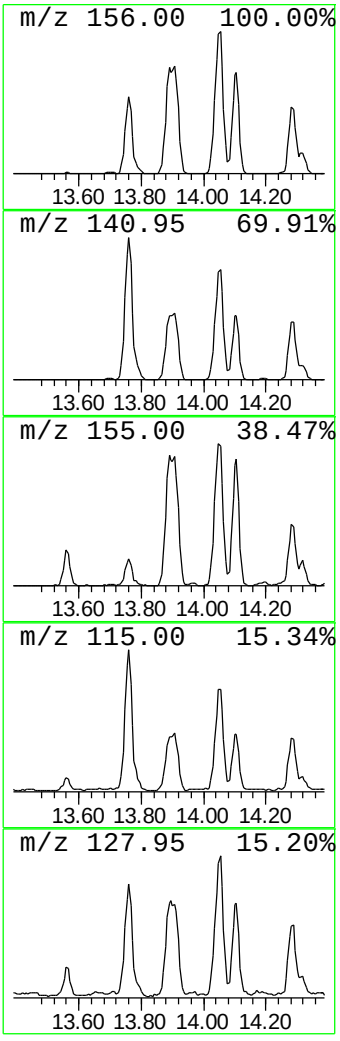
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	37.43 ng/ul	472595	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Instrument : BNA_G
ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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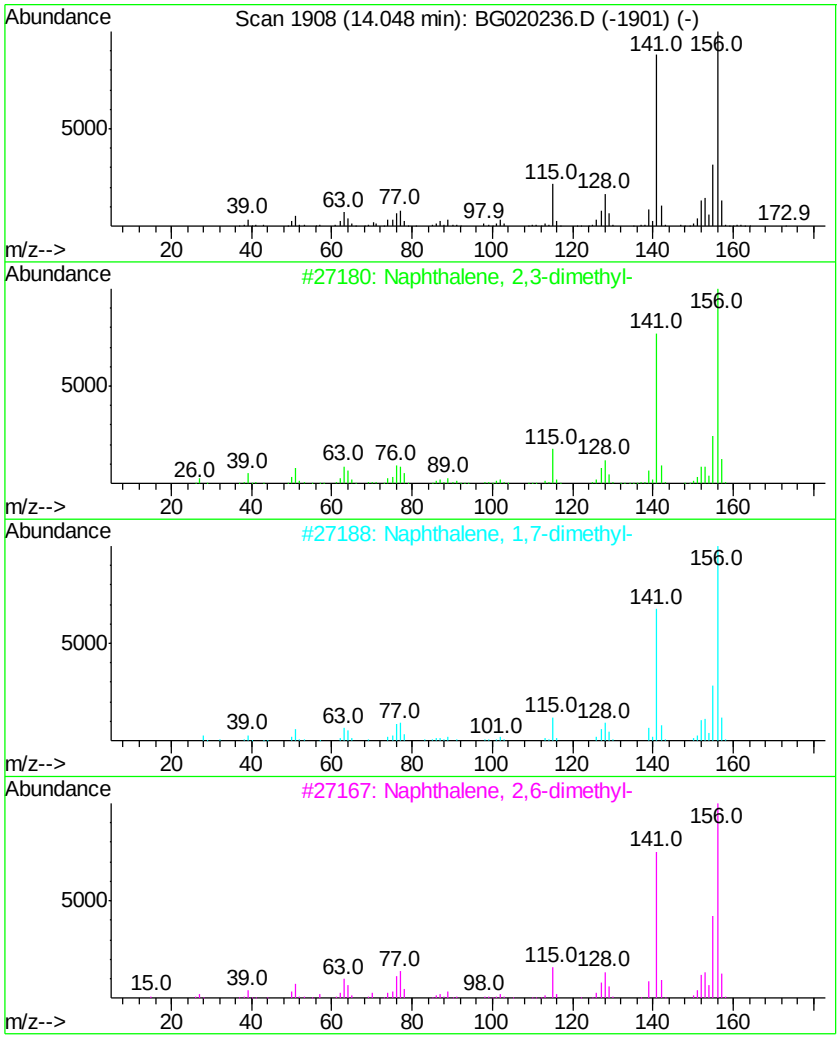
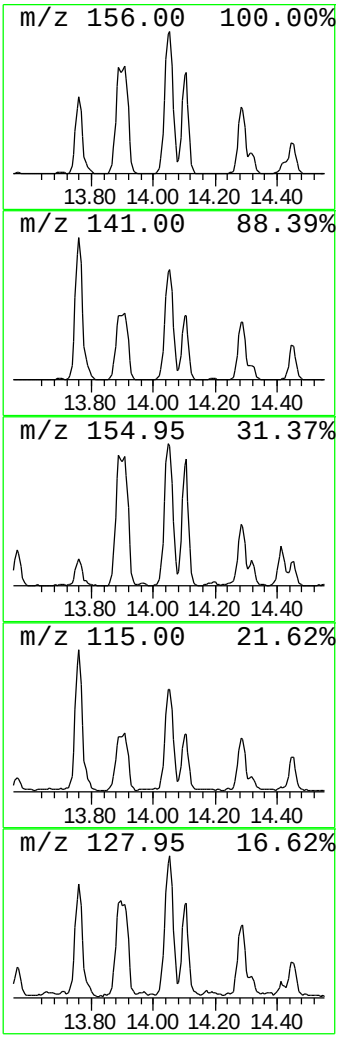
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	72.27 ng/ul	912464	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Quant Title : SVOA CALIBRATION

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

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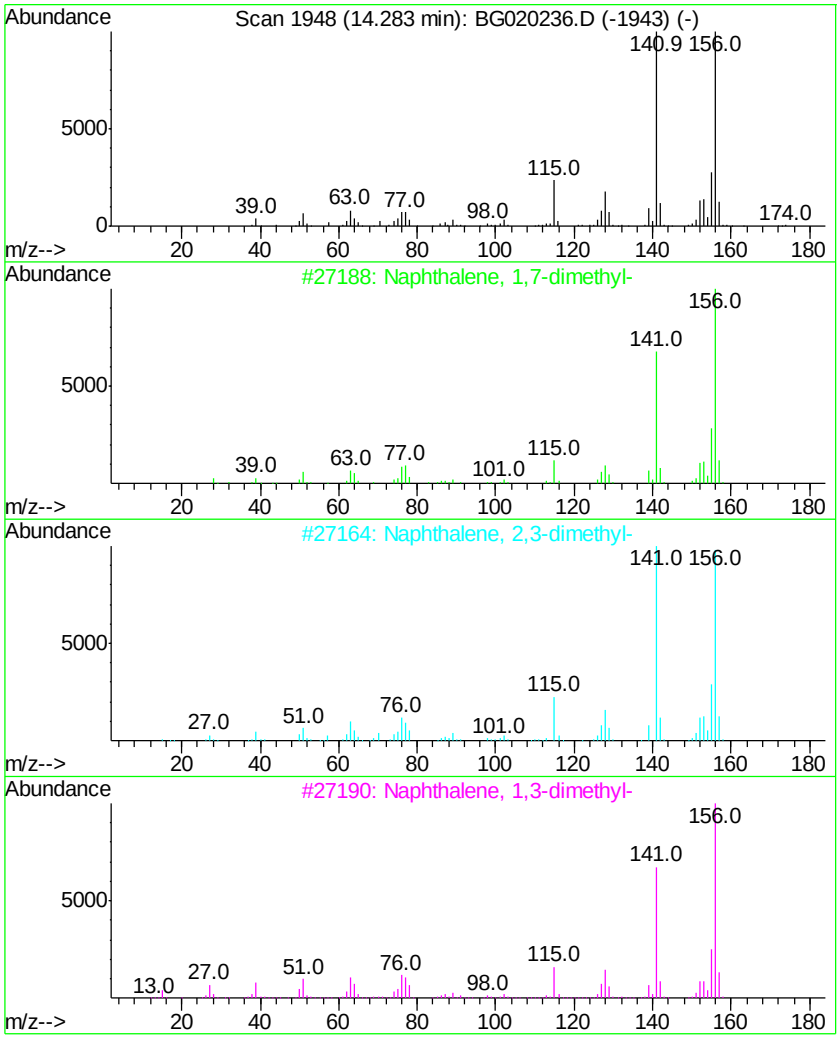
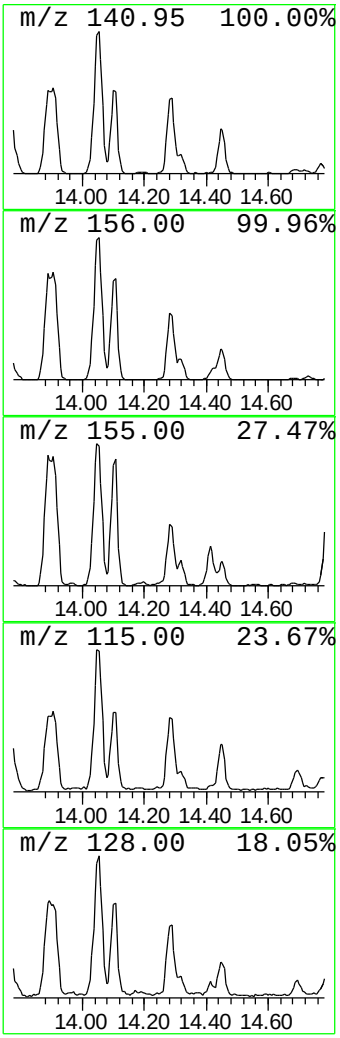
Peak Number 16 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	28.88 ng/ul	364638	Acenaphthene-d10	14.73

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





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Quant Title : SVOA CALIBRATION

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

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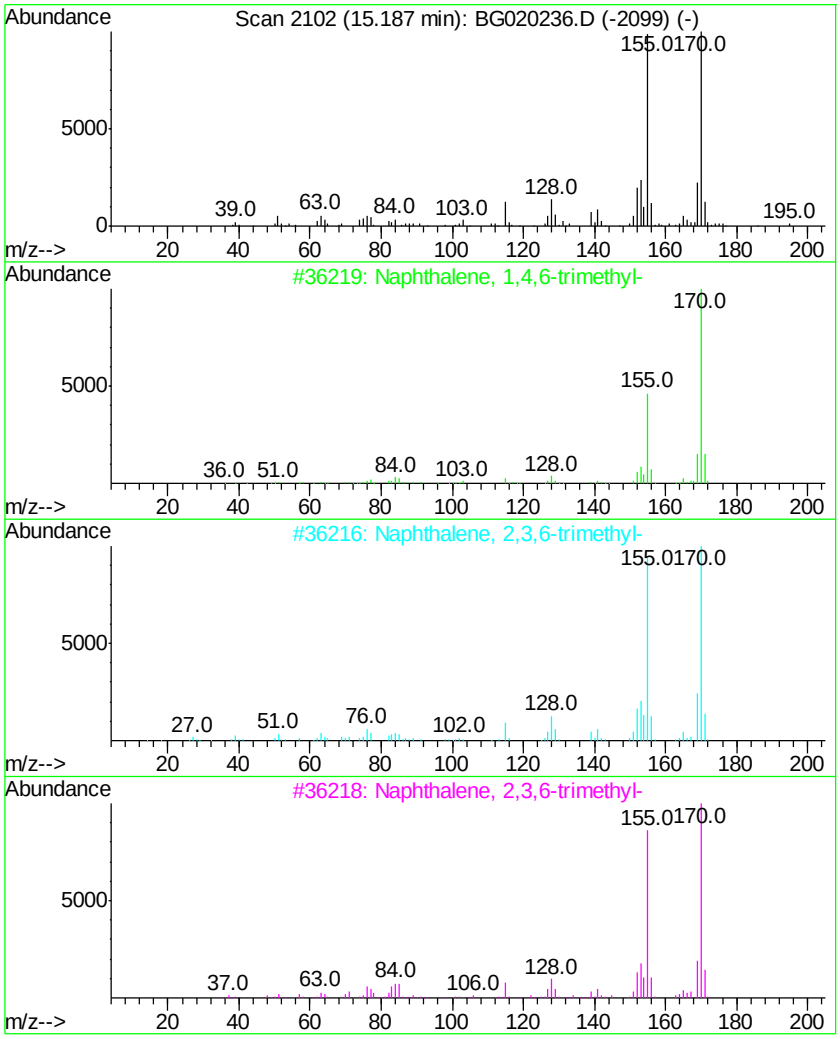
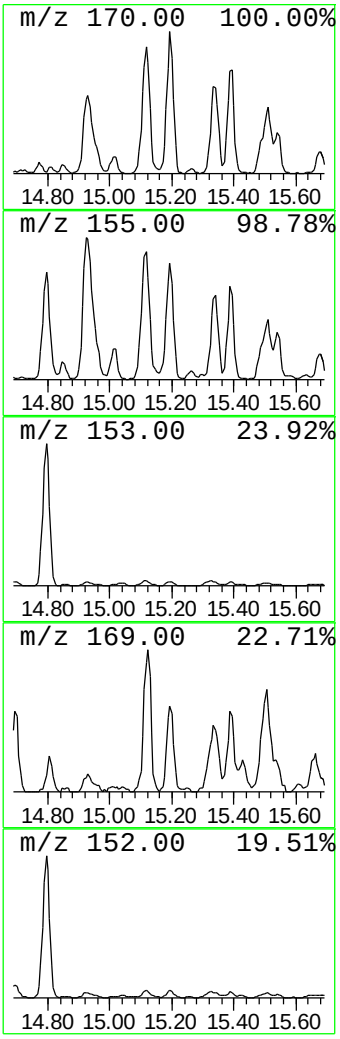
Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	13.75 ng/ul	173651	Acenaphthene-d10	14.73

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





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Quant Title : SVOA CALIBRATION

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

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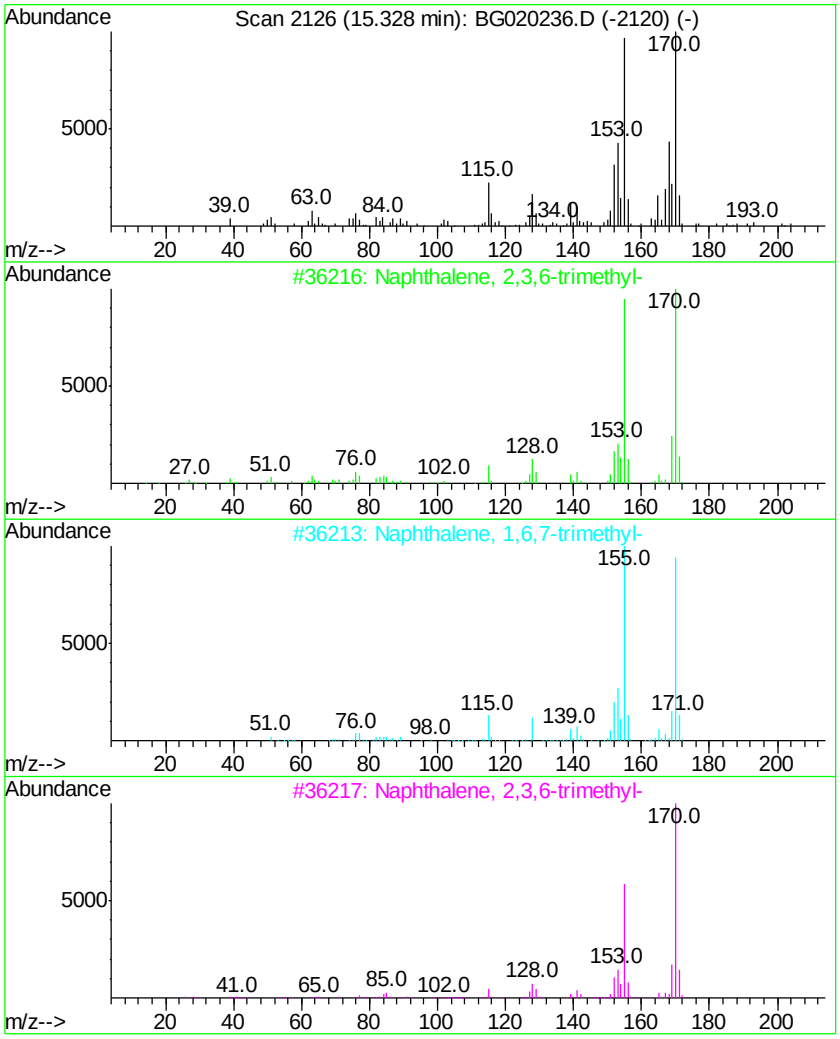
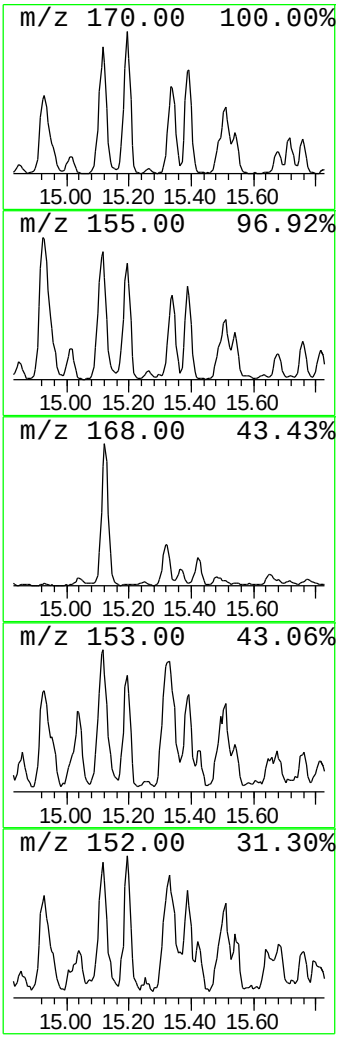
Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	16.28 ng/ul	205609	Acenaphthene-d10	14.73

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





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Acq On : 17 Dec 2015 00:49
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Sample : G4787-18
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ALS Vial : 22 Sample Multiplier: 1

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TIC Integration Parameters: LSCINT.P

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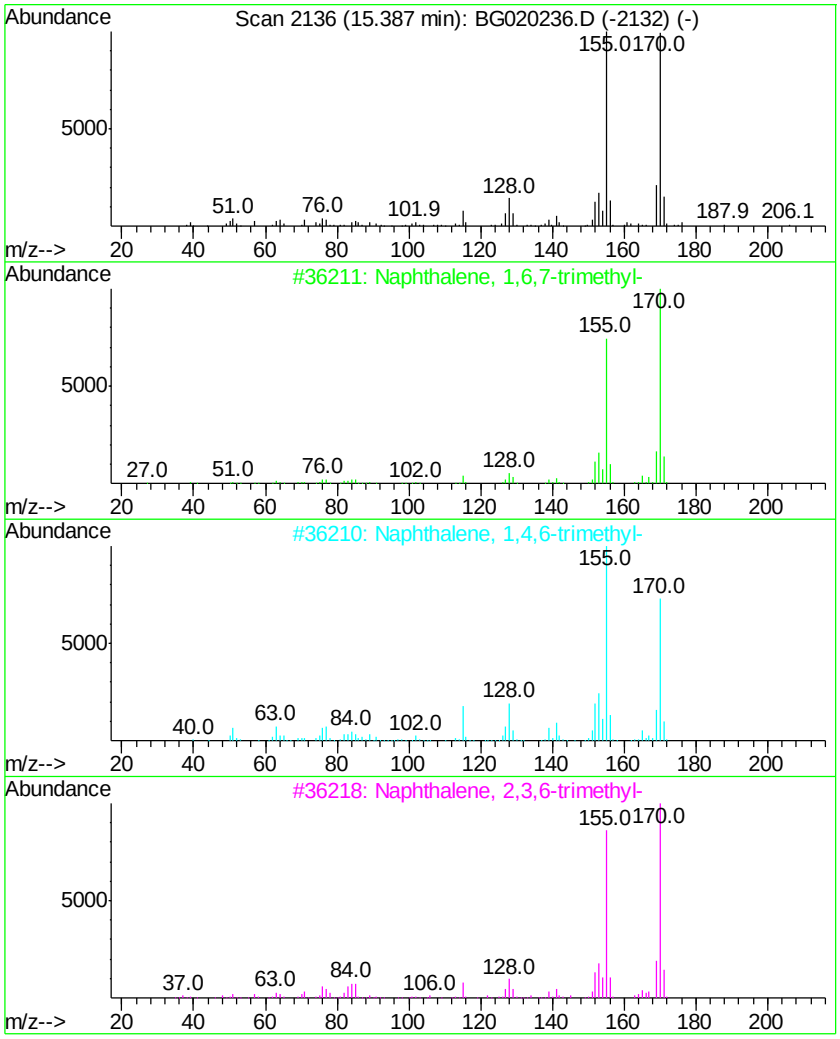
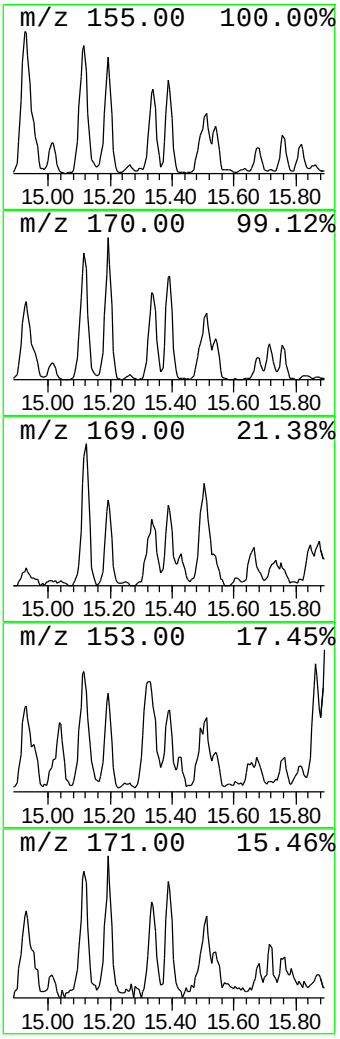
Peak Number 19 Naphthalene, 1,6,7-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	8.24 ng/ul	104078	Acenaphthene-d10	14.73

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





Library Search Compound Report

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Operator : UM/SJ
Sample : G4787-18
Misc :
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Instrument : BNA_G
ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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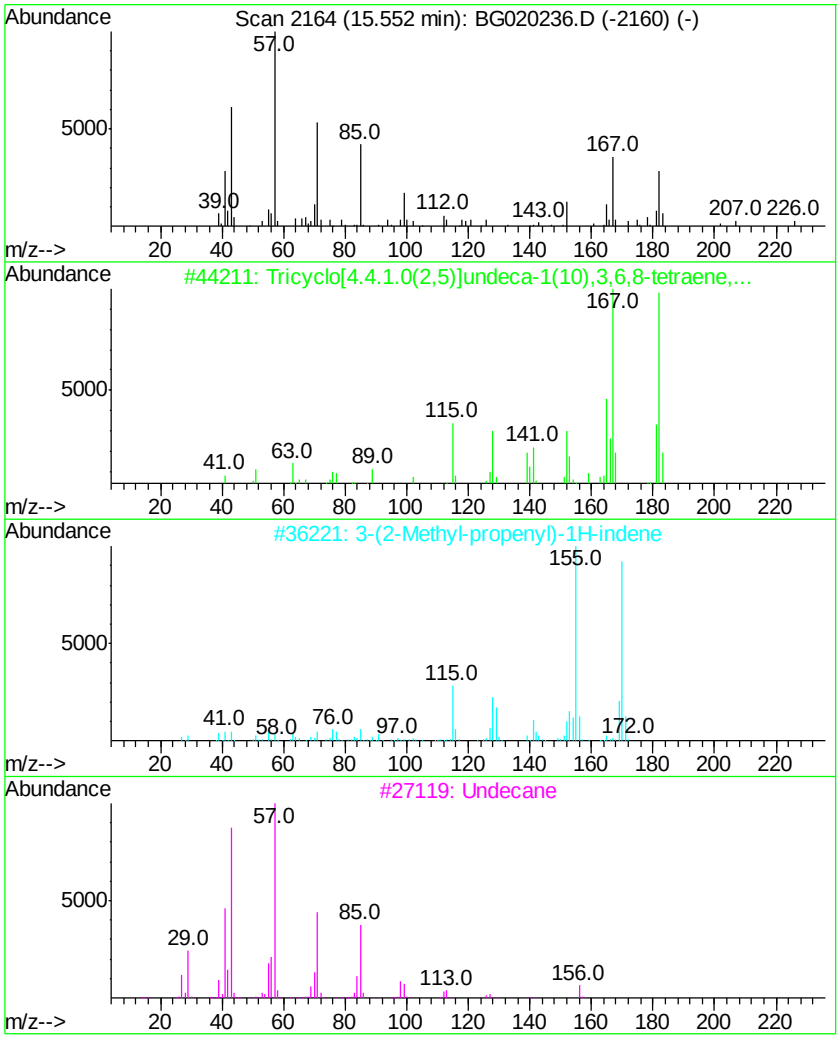
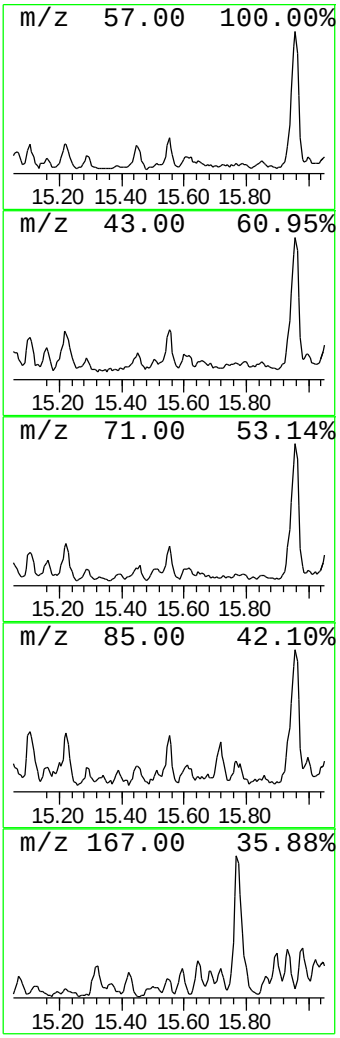
Peak Number 21 unknown-02 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	6.07 ng/ul	76601	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.4.1.0(2,5)]undeca-1(1...	182	C14H14	055836-29-8	38
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	35
3	Undecane	156	C11H24	001120-21-4	35
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	25
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	25





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ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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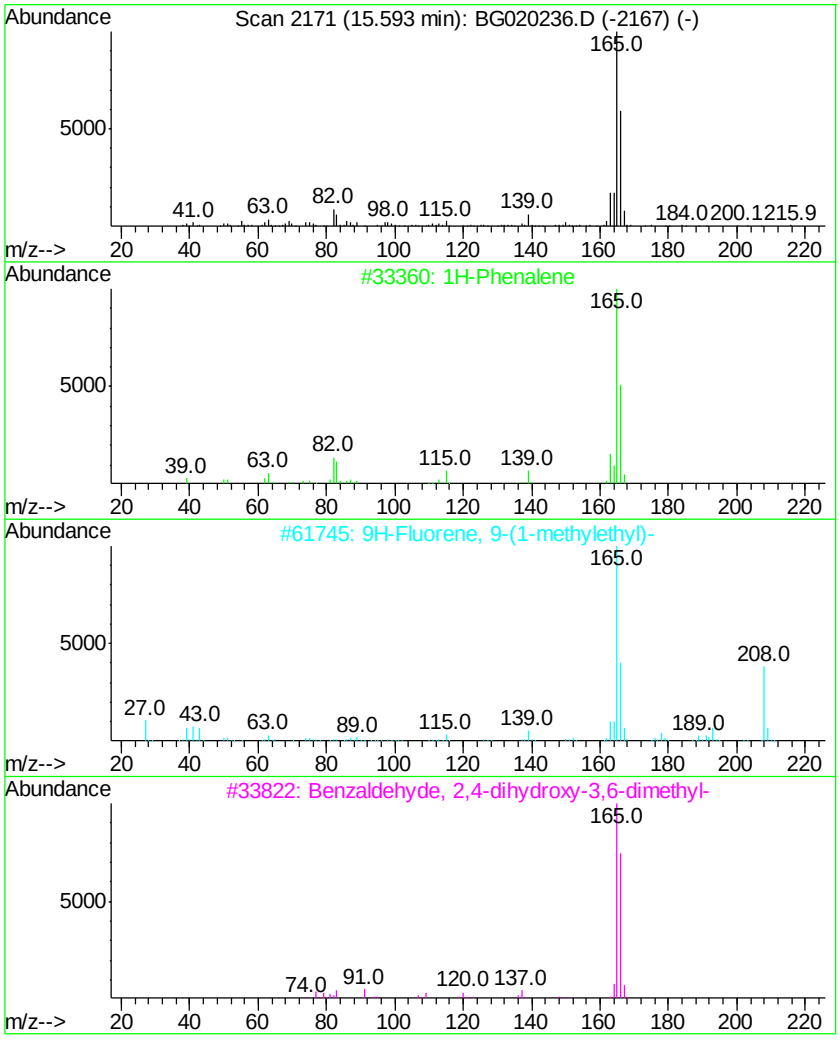
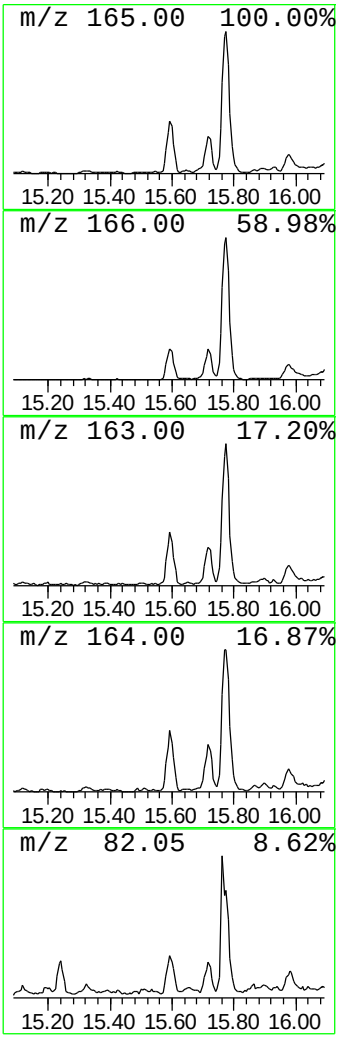
Peak Number 22 1H-Phenalene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	15.31 ng/ul	193289	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	90
2	9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	74
3	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	72
4	Fluorene-9-methanol	196	C14H12O	024324-17-2	72
5	Fluorene	166	C13H10	000086-73-7	58





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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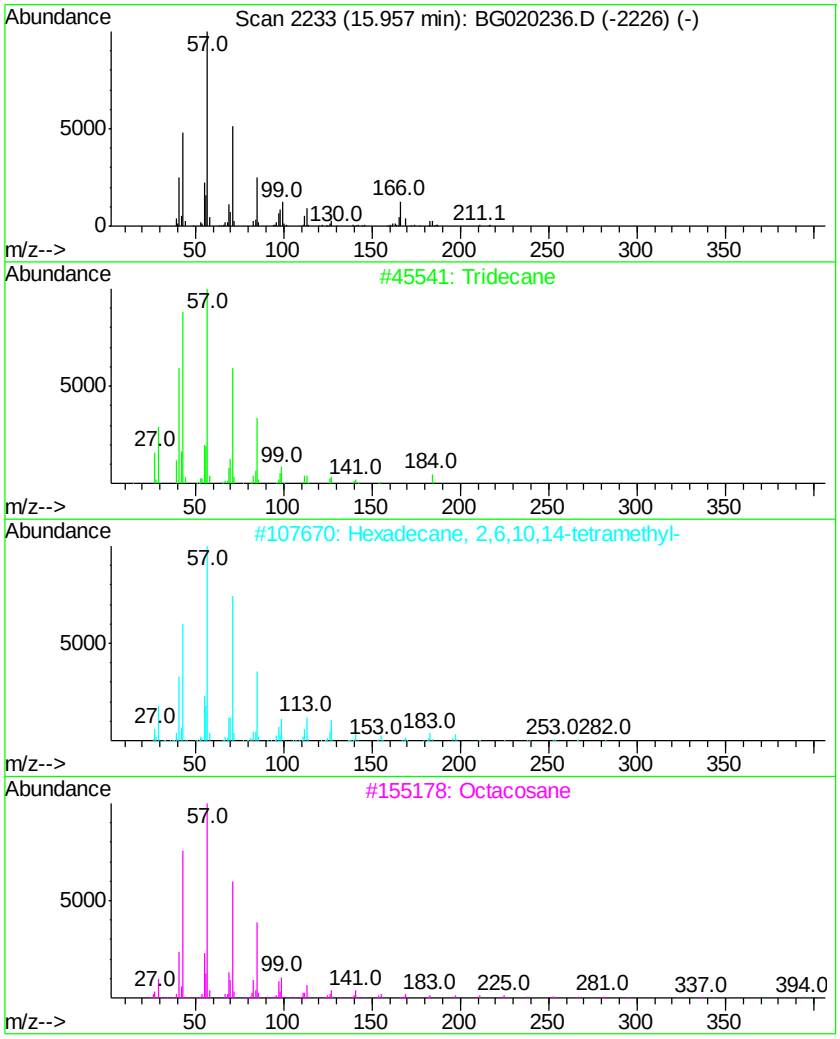
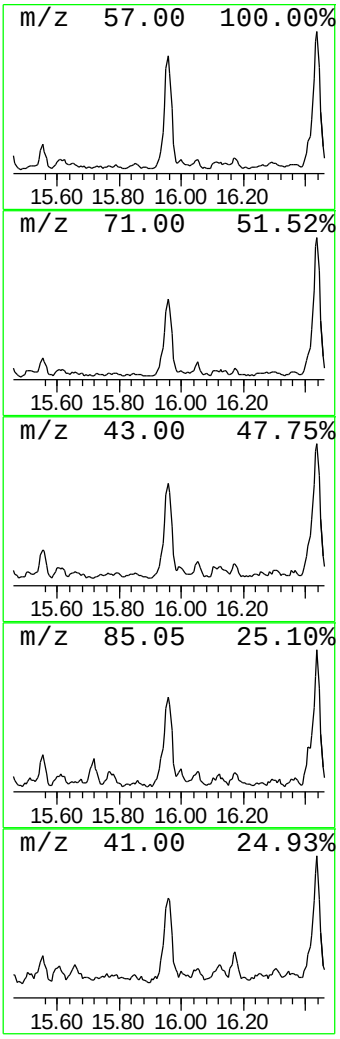
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	27.69 ng/ul	349557	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	58
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
3	Octacosane	394	C28H58	000630-02-4	49
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	46
5	Heptacosane	380	C27H56	000593-49-7	43





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ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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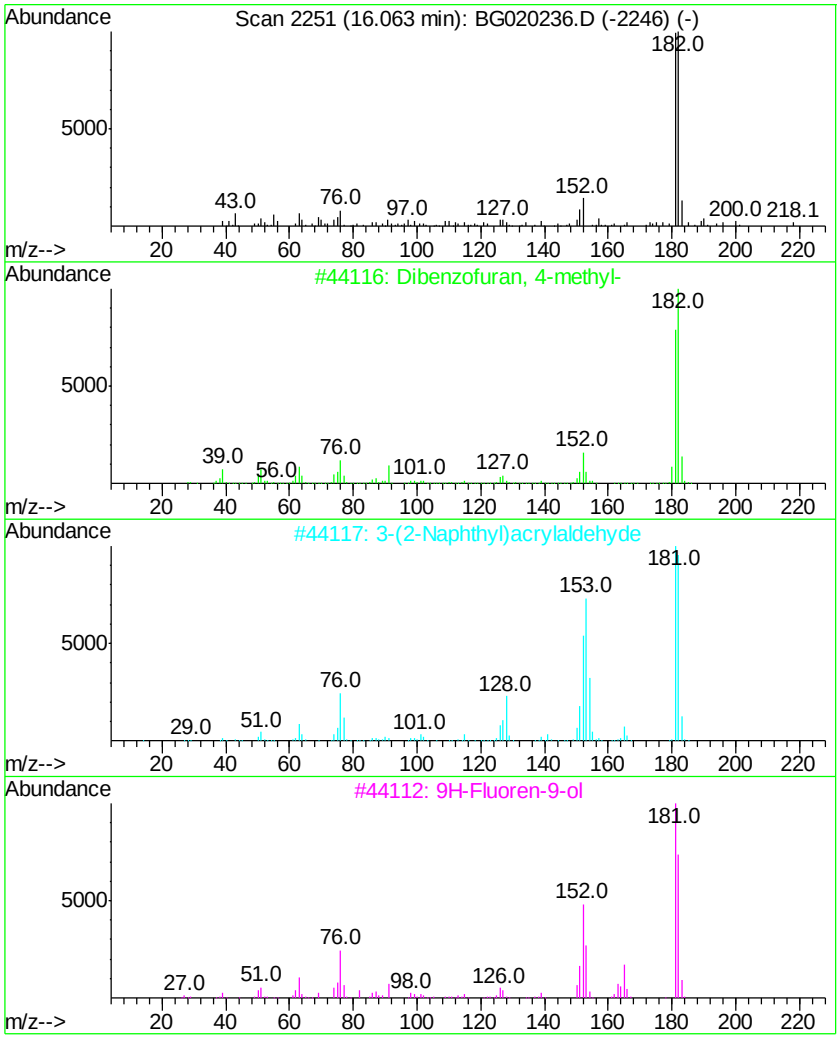
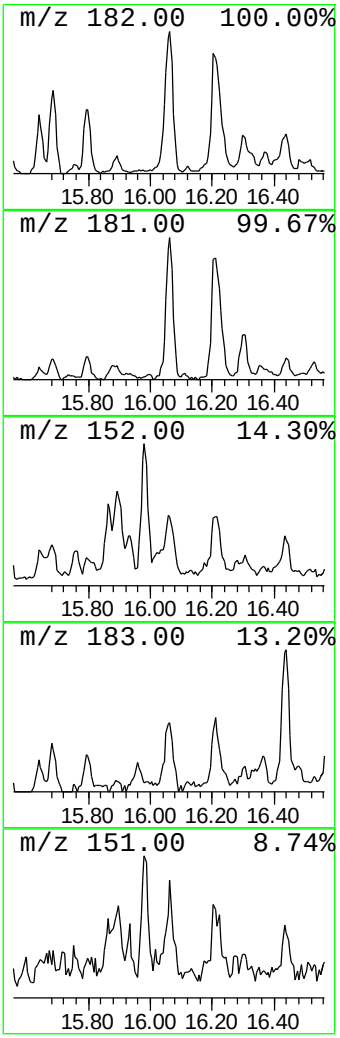
Peak Number 24 Dibenzofuran, 4-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	7.23 ng/ul	91302	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
2	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





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Quant Title : SVOA CALIBRATION

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

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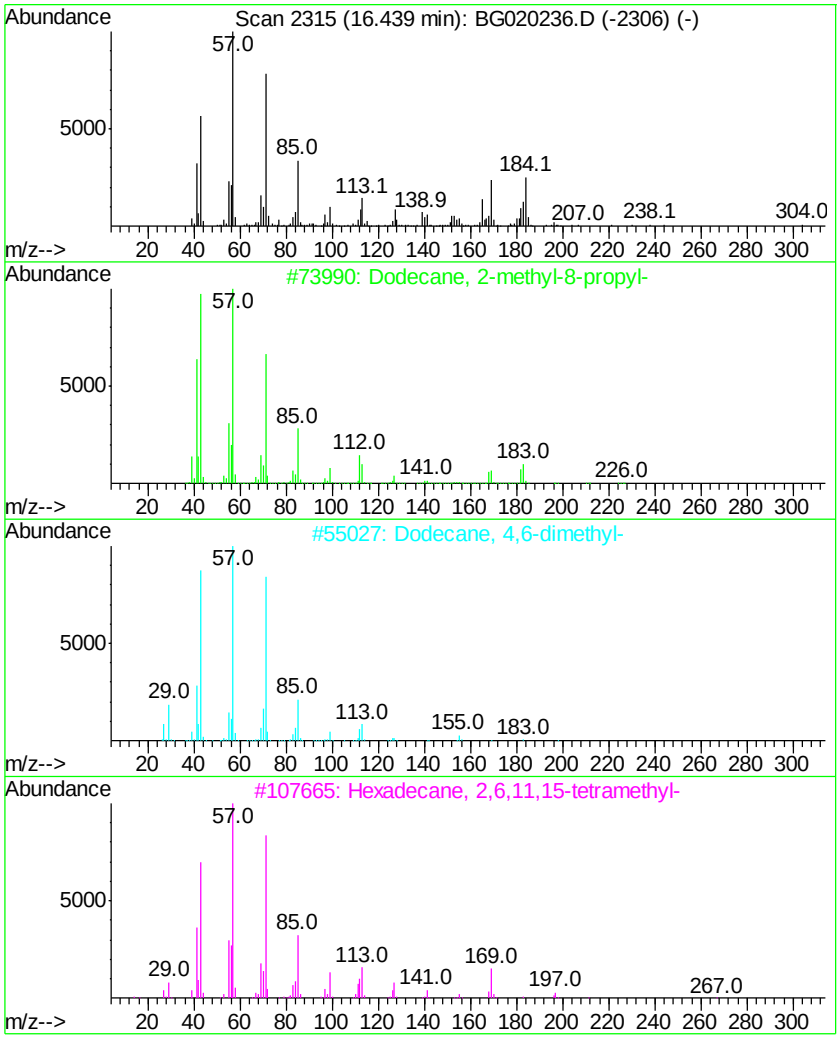
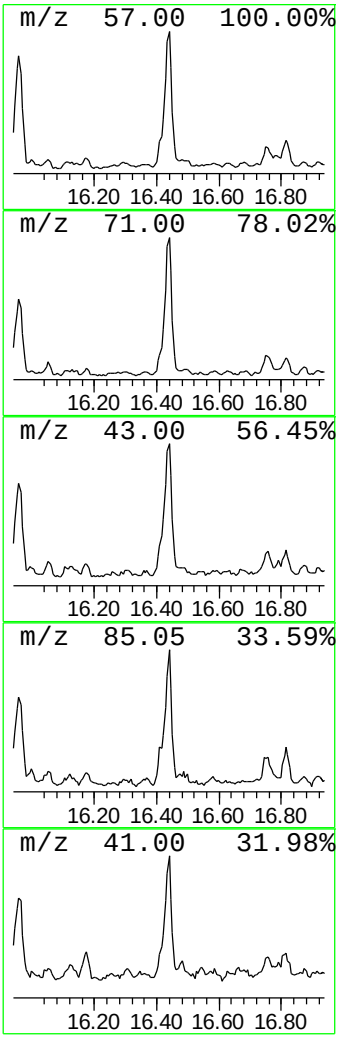
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	20.60 ng/ul	390698	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	62
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58





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Sample : G4787-18
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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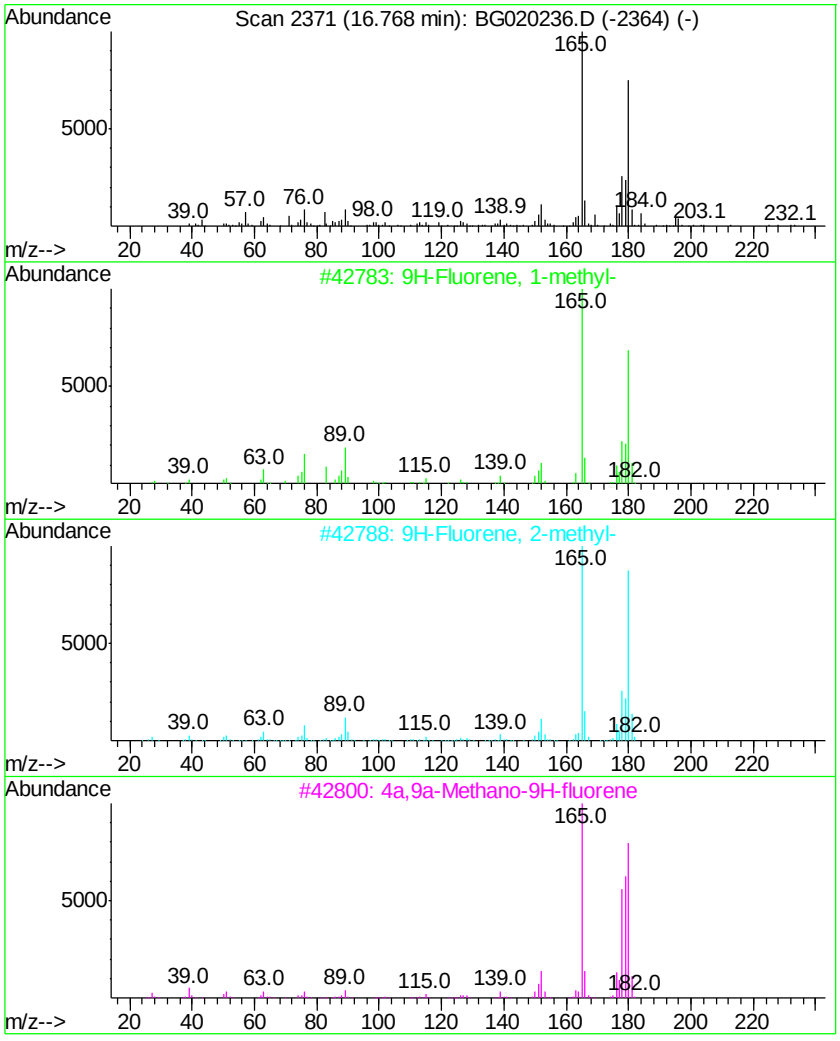
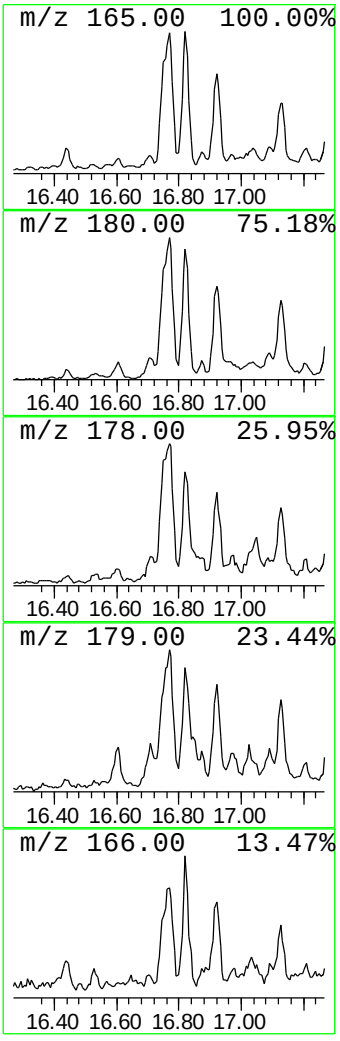
Peak Number 27 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	17.34 ng/ul	328929	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	78
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76





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Misc :
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Instrument : BNA_G
ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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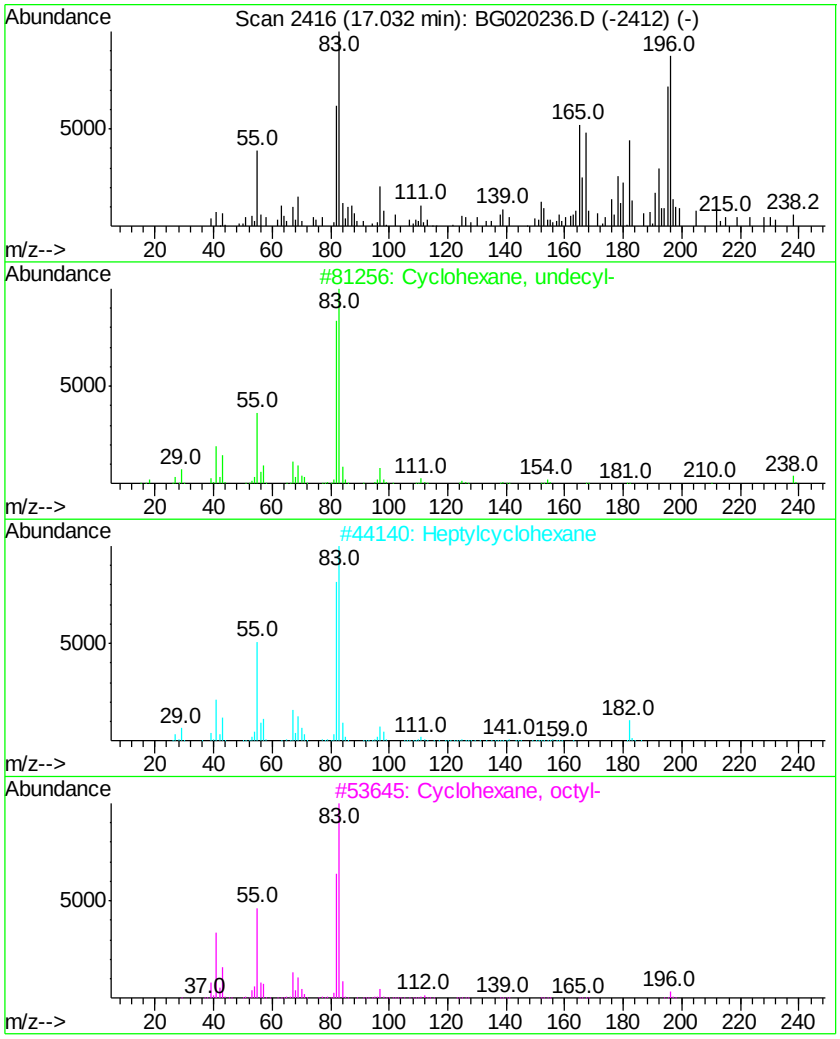
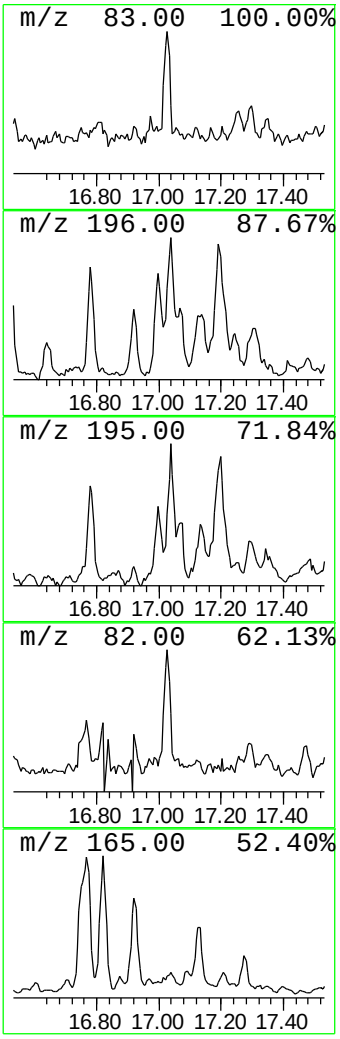
Peak Number 30 (DEL) Alkane: Cyclic17.03 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	4.39 ng/ul	83258	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, undecyl-	238	C17H34	054105-66-7	80
2	Heptylcyclohexane	182	C13H26	005617-41-4	50
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	42





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

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Quant Title : SVOA CALIBRATION

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

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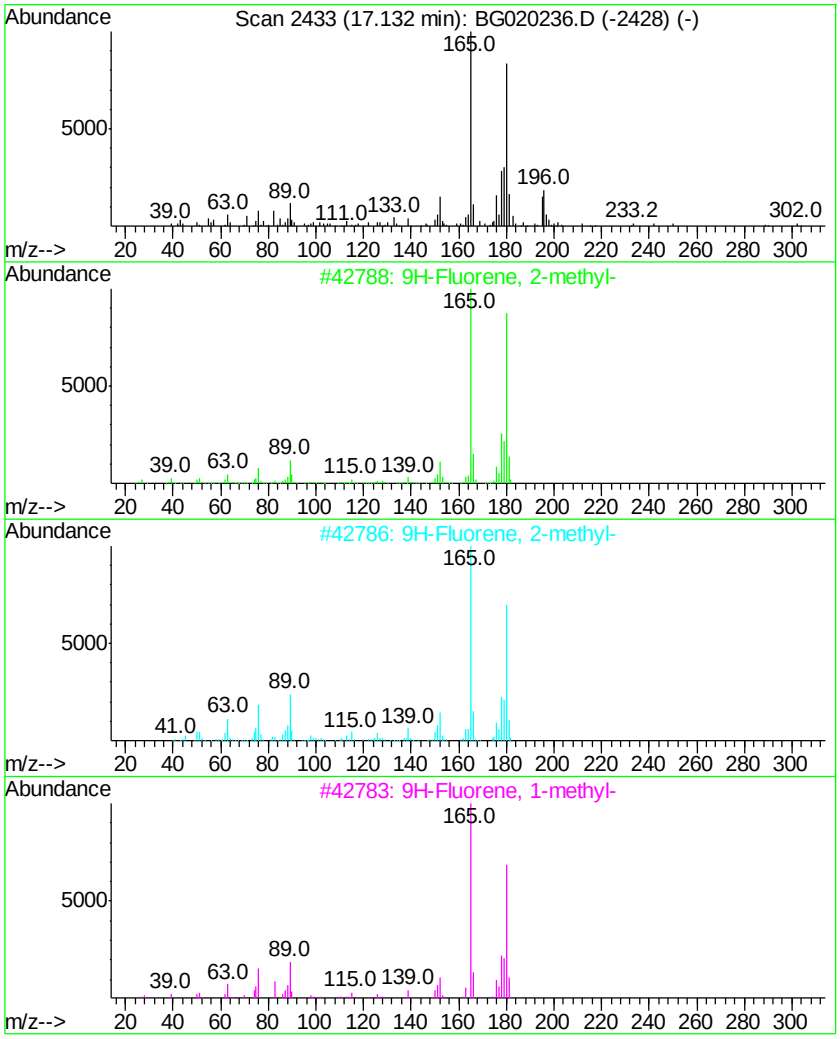
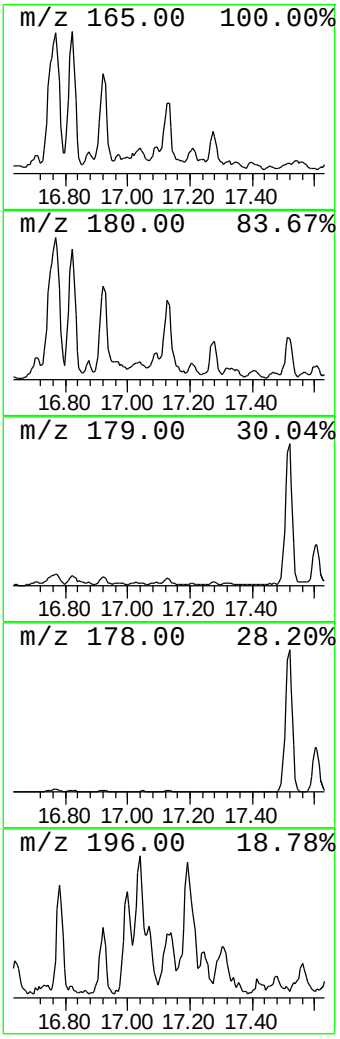
Peak Number 31 9H-Fluorene, 2-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	5.13 ng/ul	97279	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	81
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81





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Quant Title : SVOA CALIBRATION

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

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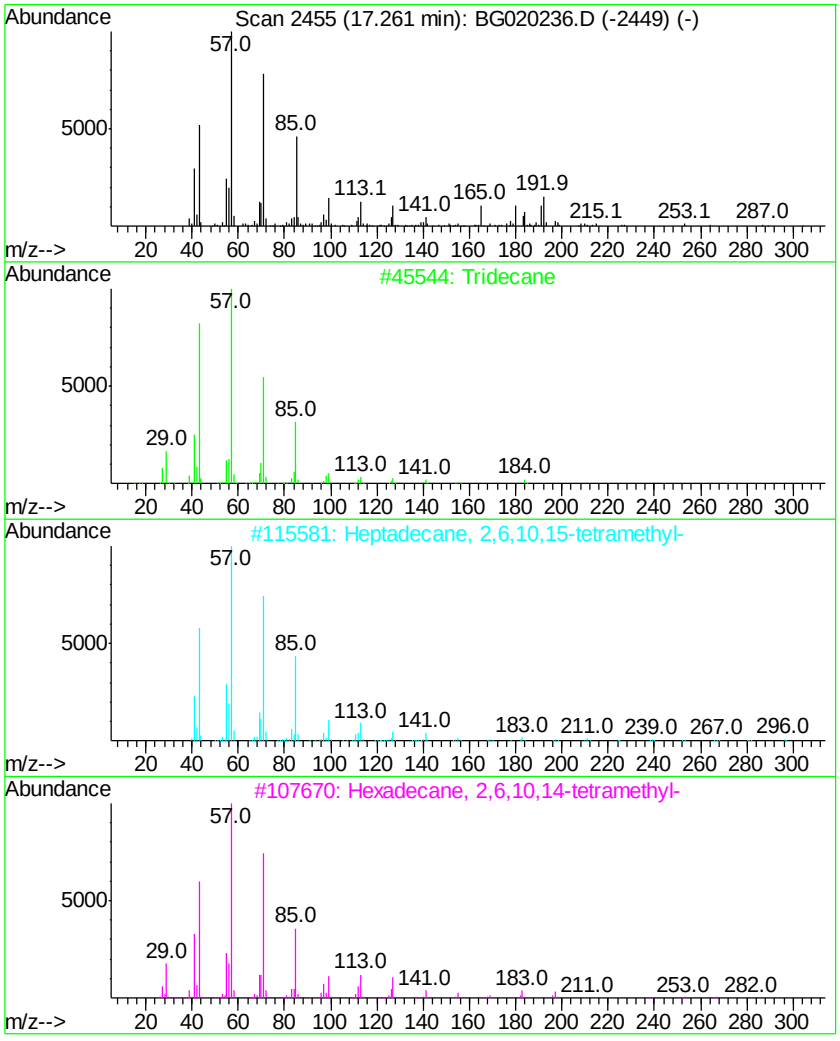
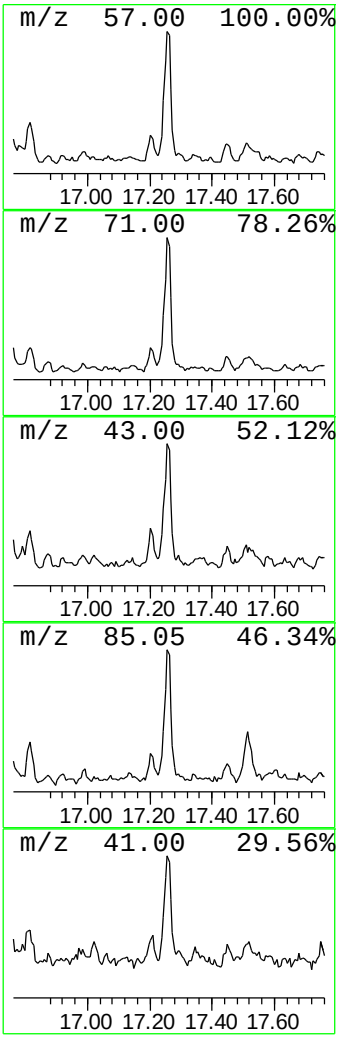
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	10.41 ng/ul	197409	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68
4	Tetracosane	338	C24H50	000646-31-1	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





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Quant Title : SVOA CALIBRATION

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

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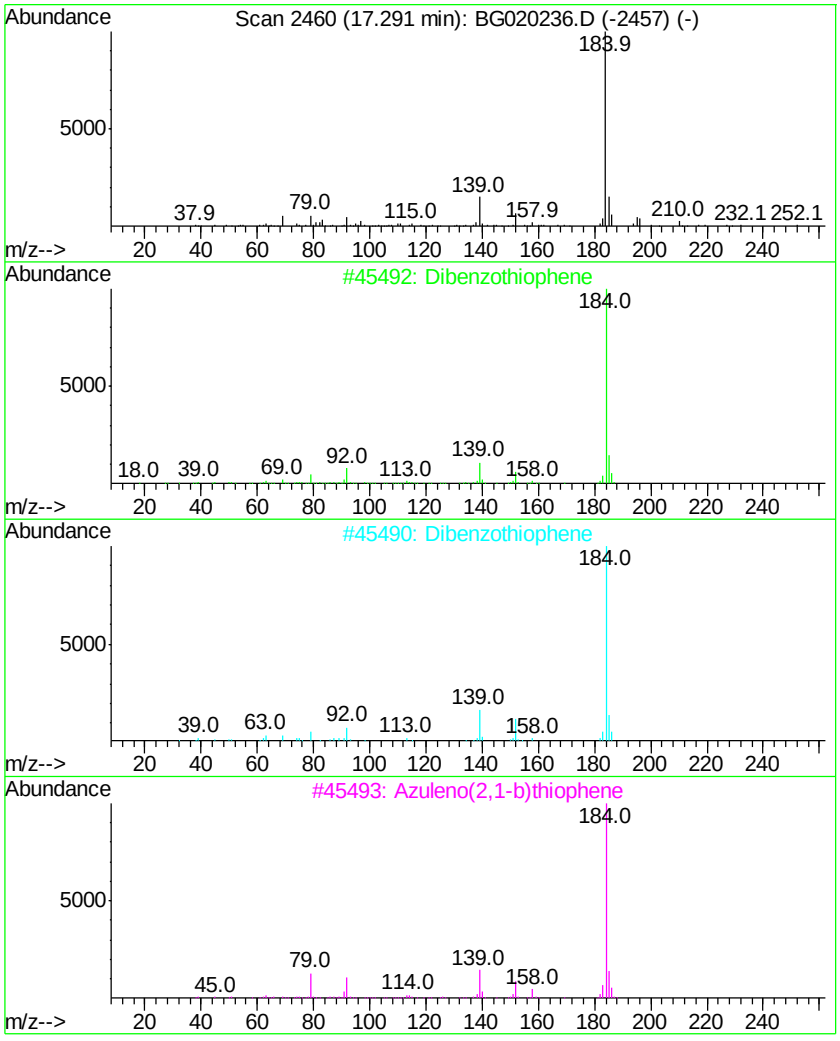
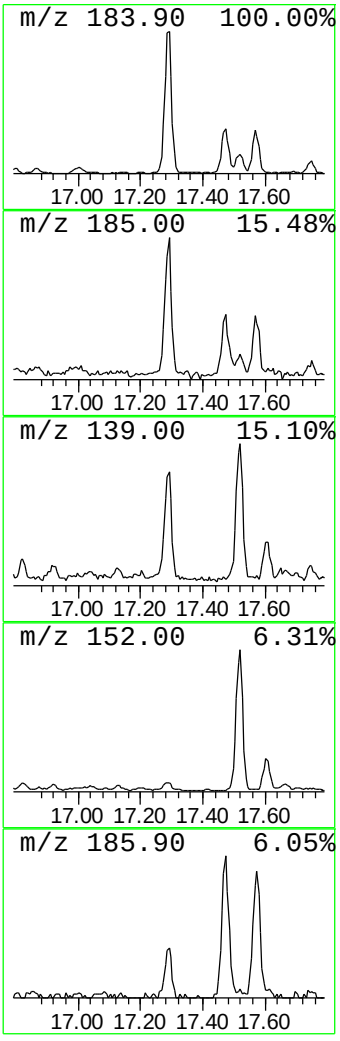
Peak Number 33 Dibenzothiophene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	8.26 ng/ul	156610	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Dibenzothiophene	184	C12H8S	000132-65-0	90
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	86
4	Dibenzothiophene	184	C12H8S	000132-65-0	83
5	Dibenzothiophene	184	C12H8S	000132-65-0	83





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Quant Title : SVOA CALIBRATION

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

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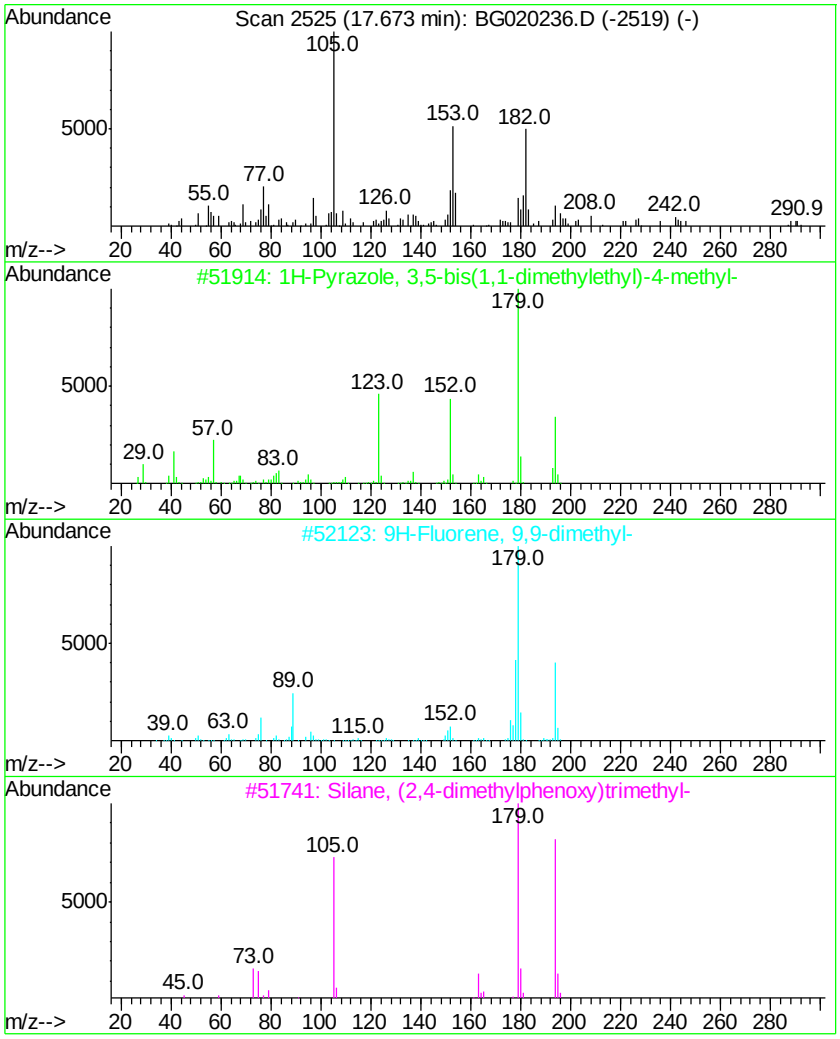
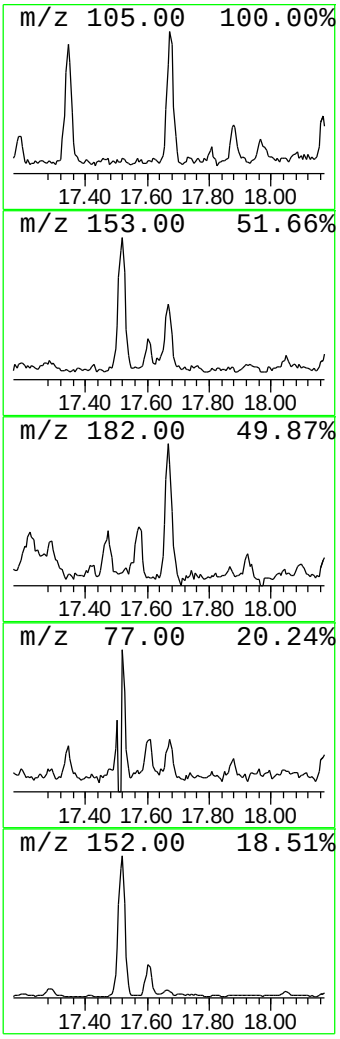
Peak Number 34 unknown-03 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	7.91 ng/ul	149940	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 3,5-bis(1,1-dimethy...	194	C12H22N2	018712-47-5	38
2	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	35
3	Silane, (2,4-dimethylphenoxy)tri...	194	C11H18OSi	016414-81-6	35
4	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	30
5	3-Oxabicyclo[3.3.0]octan-2-one, ...	194	C12H18O2	1000158-89-9	30





Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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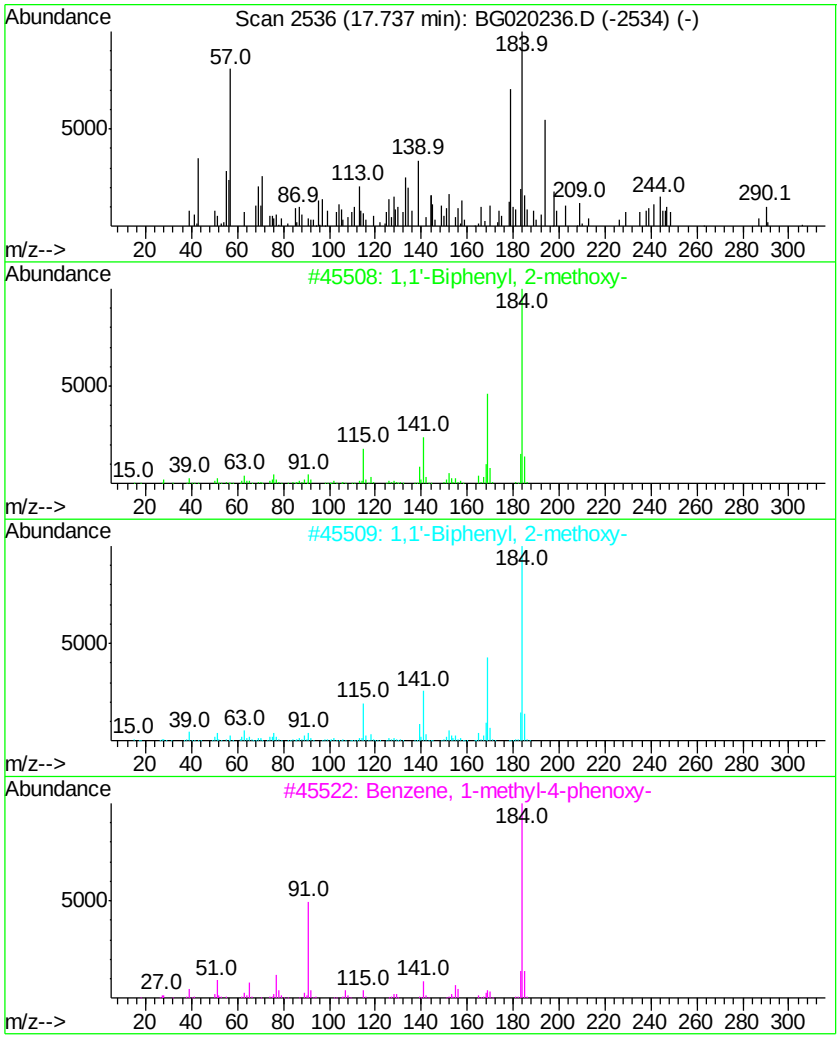
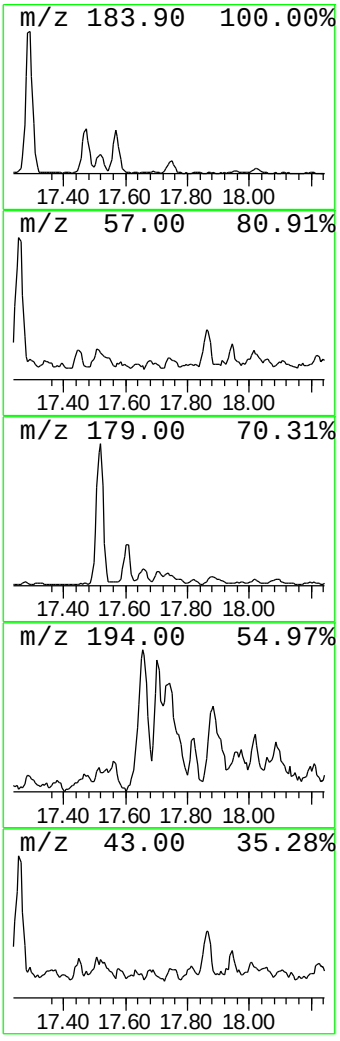
Peak Number 35 unknown-04 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	4.08 ng/ul	77354	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	43
2	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	43
3	Benzene, 1-methyl-4-phenoxy-	184	C13H12O	001706-12-3	38
4	1,4-Benzenediamine, N-phenyl-	184	C12H12N2	000101-54-2	38
5	1,2,3,4-Tetrahydrophenazine	184	C12H12N2	004829-73-6	38





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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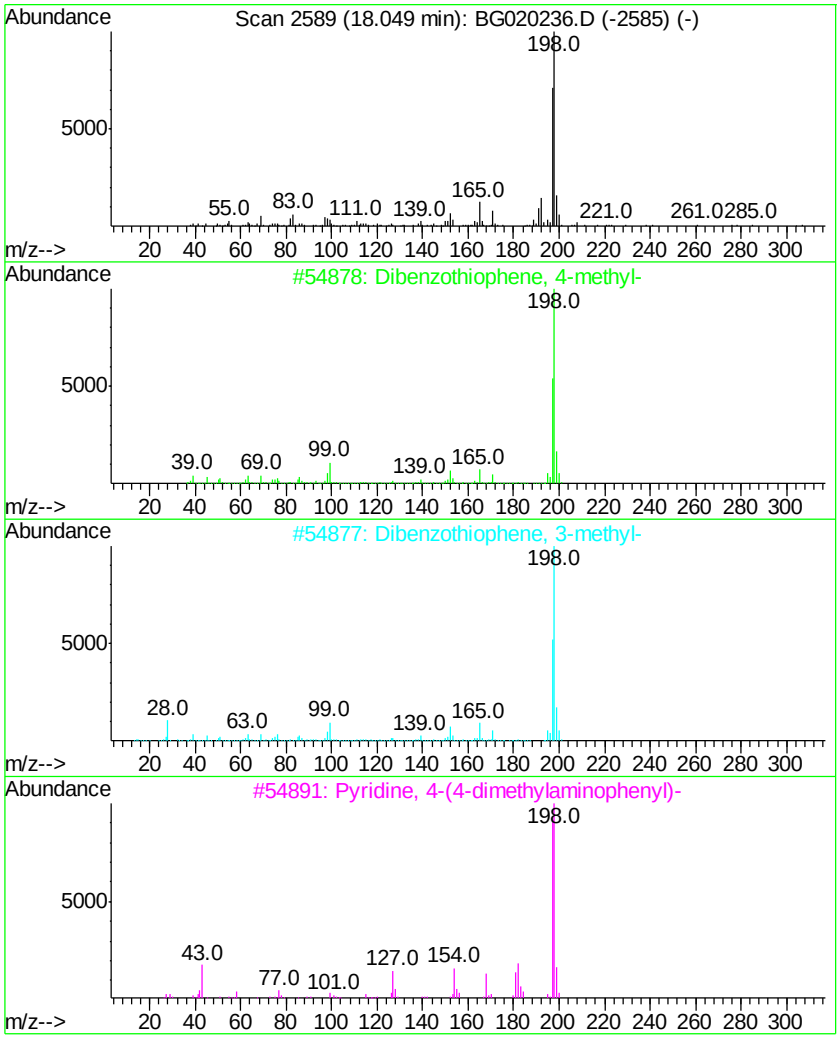
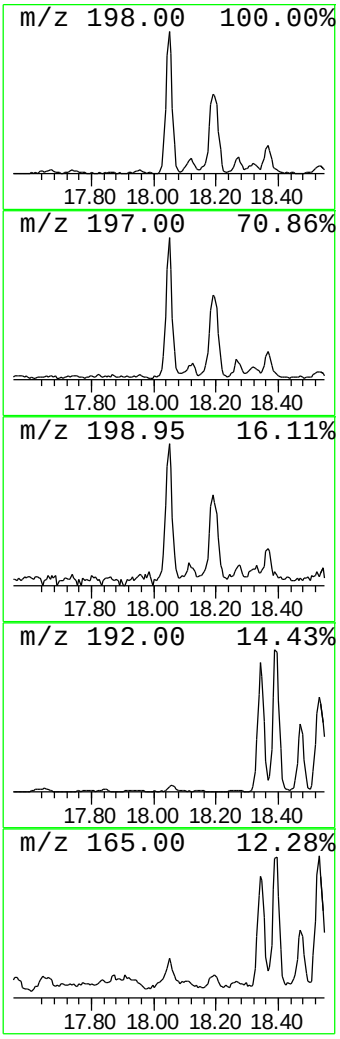
Peak Number 36 Dibenzothiophene, 4-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	6.35 ng/ul	120472	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
3	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	59
4	1,2,3,4-Tetrahydrophenanthren-9-ol	198	C14H14O	019817-12-0	58
5	Thioxanthene	198	C13H10S	000261-31-4	50





Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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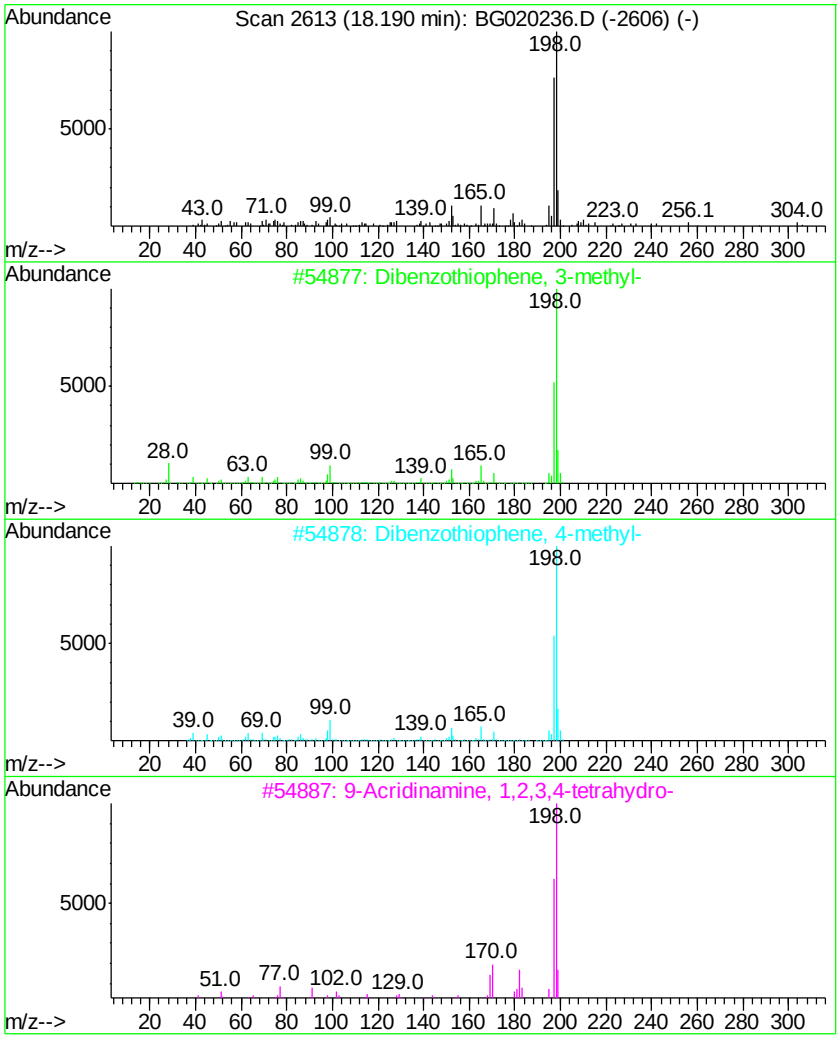
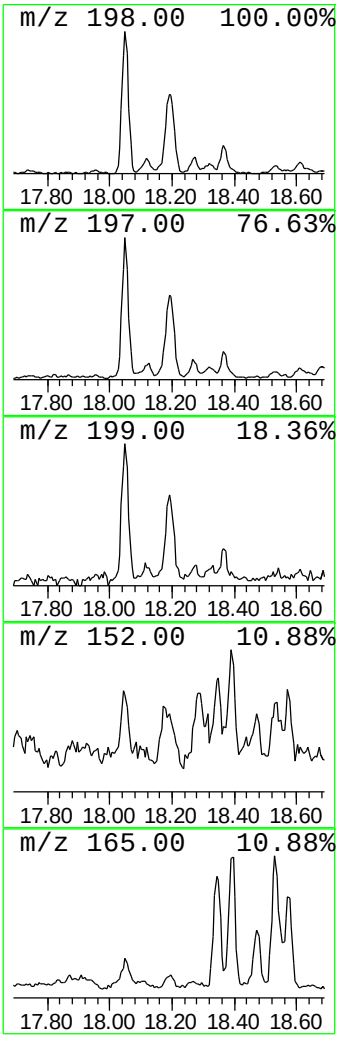
Peak Number 37 Dibenzothiophene, 3-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	7.06 ng/ul	133852	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
3	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
5	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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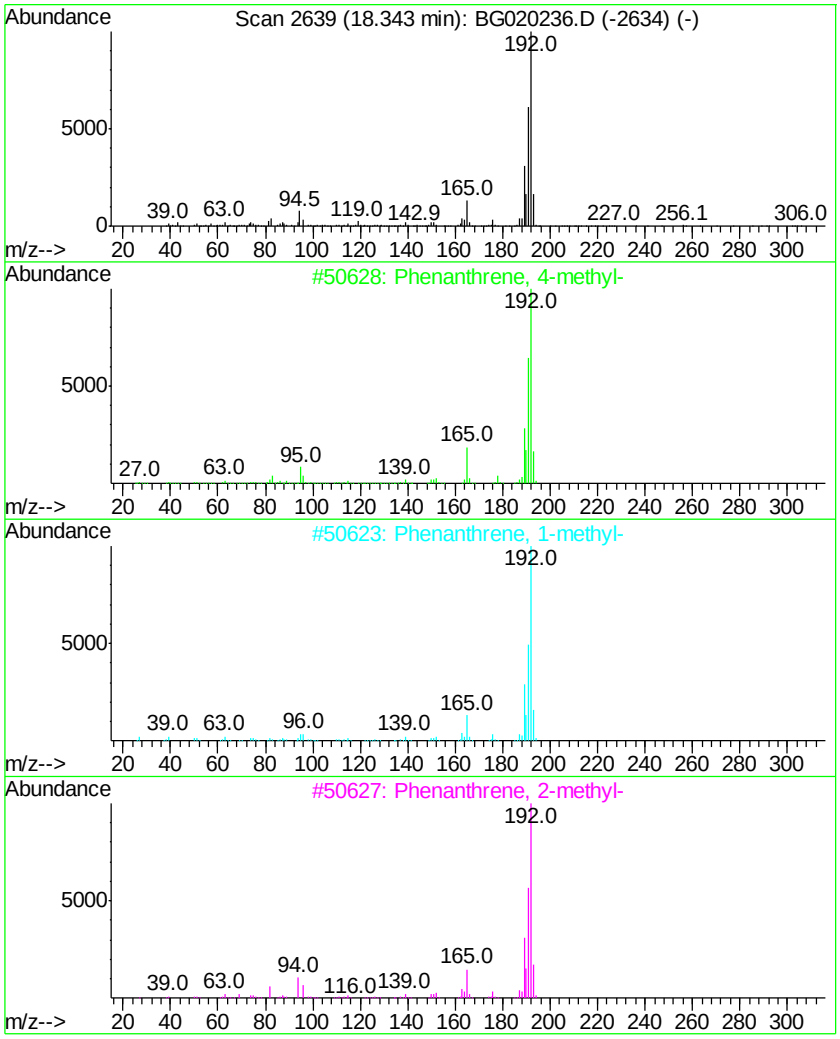
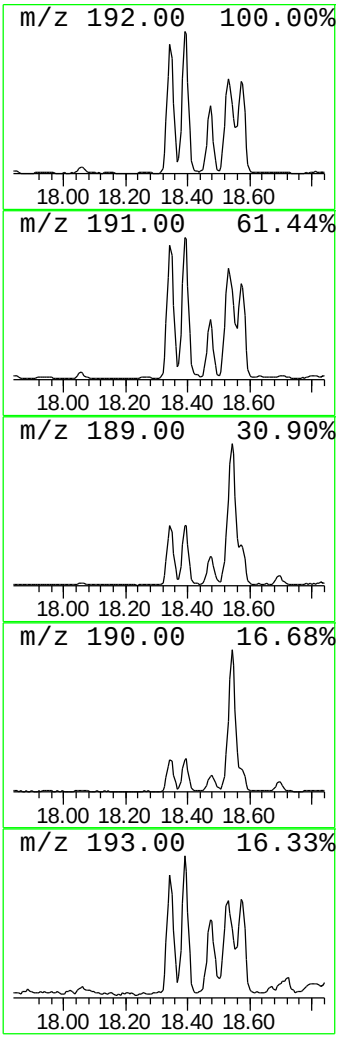
Peak Number 38 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	30.29 ng/ul	574490	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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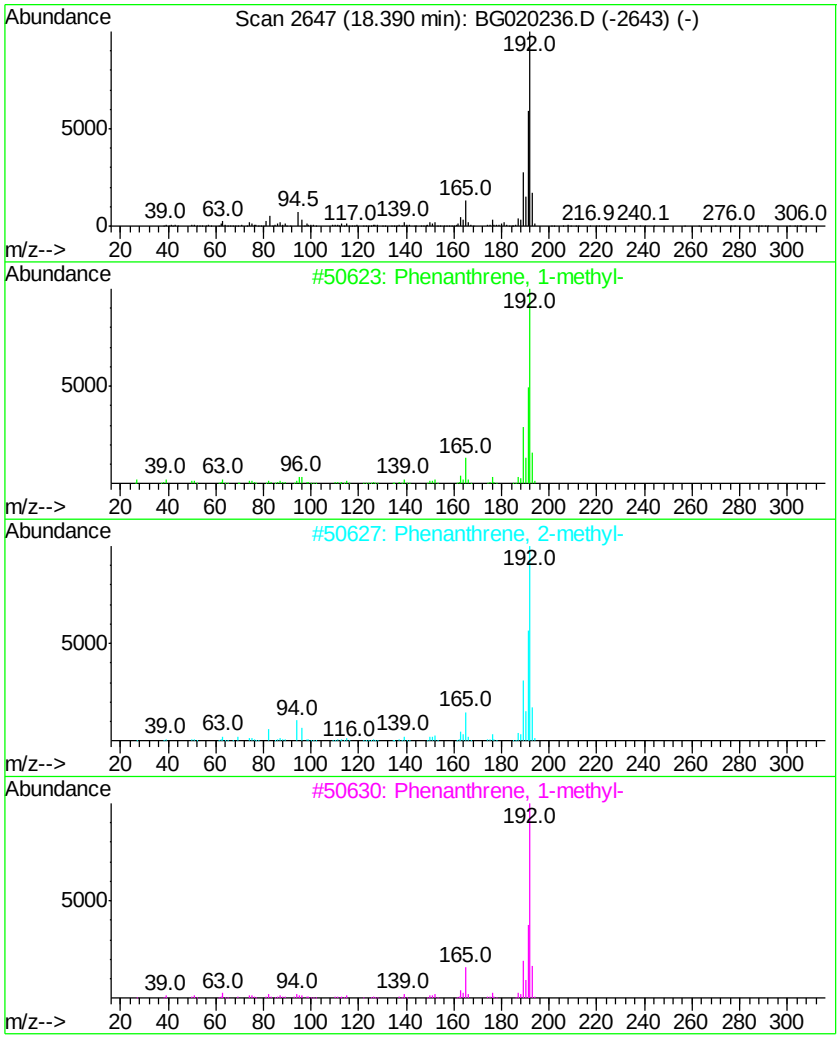
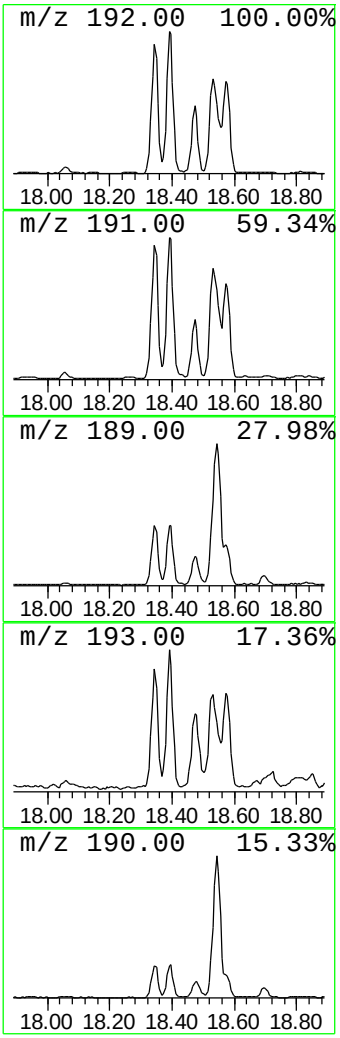
Peak Number 39 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	31.33 ng/ul	594153	Phenanthrene-d10	17.47

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, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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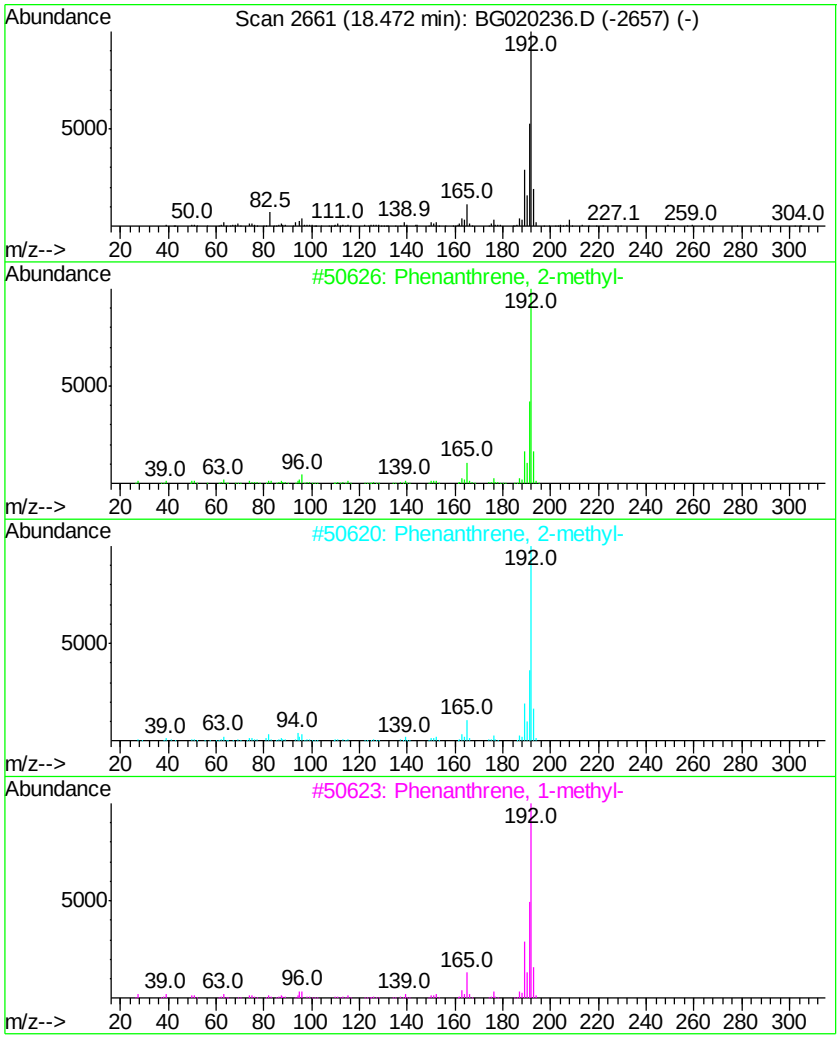
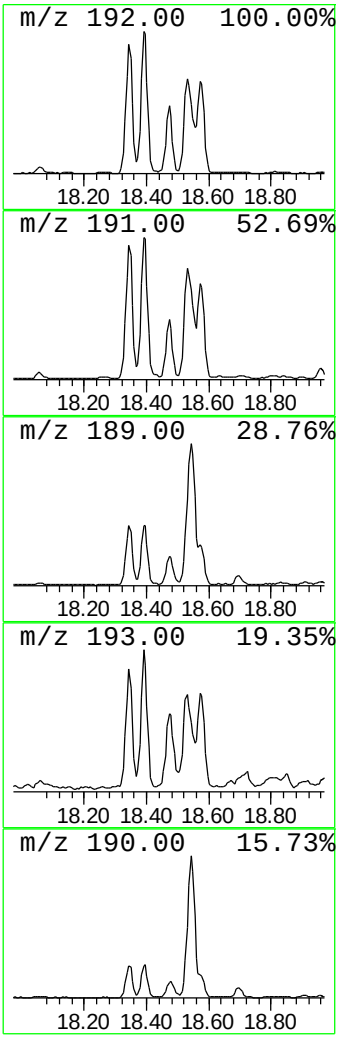
Peak Number 40 Phenanthrene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	15.09 ng/ul	286175	Phenanthrene-d10	17.47

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	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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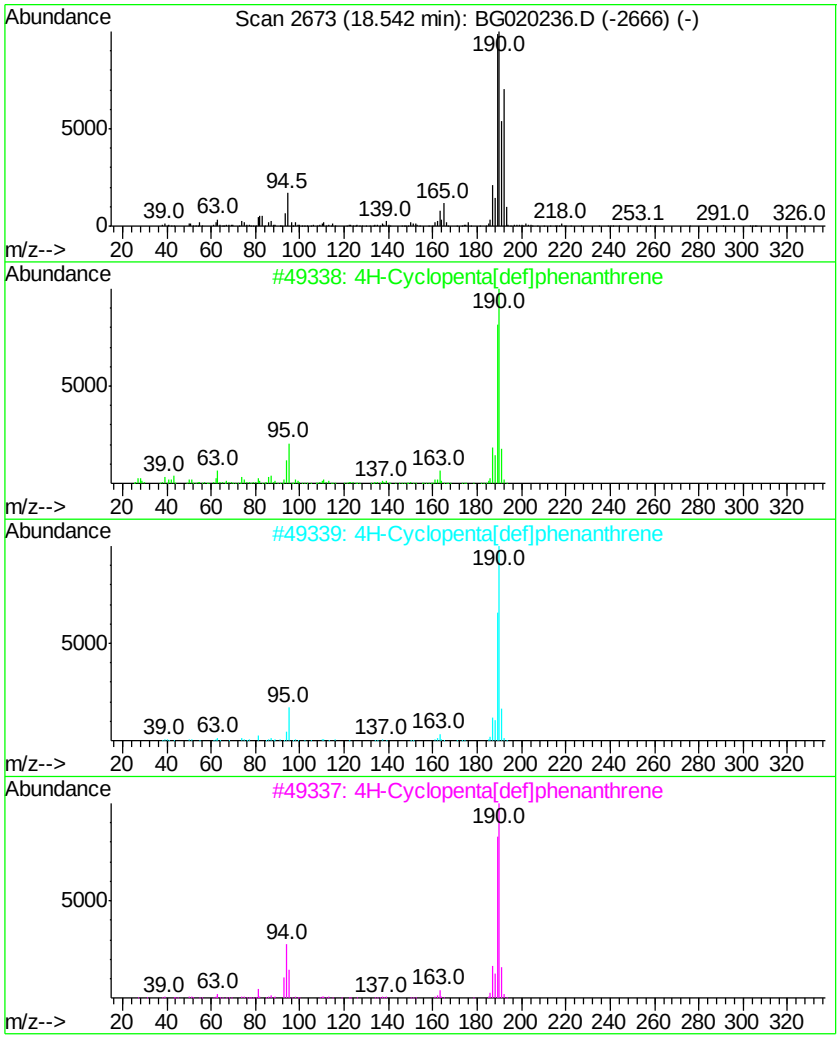
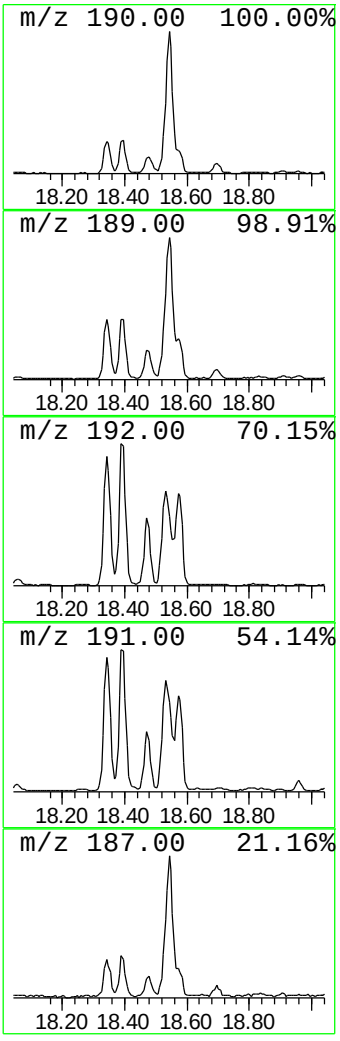
Peak Number 41 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	48.44 ng/ul	918775	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	38





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020236.D
Acq On : 17 Dec 2015 00:49
Operator : UM/SJ
Sample : G4787-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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
Butane, 2-methoxy...	3.20	23.0	ng/ul	143241	1	8.10	124712	20.0
Indane	8.47	108.5	ng/ul	676678	1	8.10	124712	20.0
Benzene, 2-ethyl-...	9.20	15.1	ng/ul	94066	1	8.10	124712	20.0
Benzene, 1-etheny...	10.15	12.6	ng/ul	124574	2	10.92	197124	20.0
unknown-01	10.32	13.4	ng/ul	131772	2	10.92	197124	20.0
Benzene, 1-butynyl-	10.41	23.3	ng/ul	229648	2	10.92	197124	20.0
1H-Indene, 1-ethe...	11.76	8.3	ng/ul	82306	2	10.92	197124	20.0
(1-Methylbuta-1,3...	12.10	7.9	ng/ul	77856	2	10.92	197124	20.0
Naphthalene, 1-me...	12.79	205.4	ng/ul	2024730	2	10.92	197124	20.0
(DEL) Alkane: Str...	13.25	6.9	ng/ul	86942	3	14.73	252518	20.0
Naphthalene, 1-et...	13.76	57.9	ng/ul	730857	3	14.73	252518	20.0
Naphthalene, 2,6-...	13.89	37.4	ng/ul	472595	3	14.73	252518	20.0
Naphthalene, 2,3-...	14.05	72.3	ng/ul	912464	3	14.73	252518	20.0
Naphthalene, 1,7-...	14.28	28.9	ng/ul	364638	3	14.73	252518	20.0
Naphthalene, 1,4,...	15.19	13.8	ng/ul	173651	3	14.73	252518	20.0
Naphthalene, 2,3,...	15.33	16.3	ng/ul	205609	3	14.73	252518	20.0
Naphthalene, 1,6,...	15.39	8.2	ng/ul	104078	3	14.73	252518	20.0
unknown-02	15.55	6.1	ng/ul	76601	3	14.73	252518	20.0
1H-Phenalene	15.59	15.3	ng/ul	193289	3	14.73	252518	20.0
(DEL) Alkane: Str...	15.96	27.7	ng/ul	349557	3	14.73	252518	20.0
Dibenzofuran, 4-m...	16.06	7.2	ng/ul	91302	3	14.73	252518	20.0
(DEL) Alkane: Str...	16.44	20.6	ng/ul	390698	4	17.47	379321	20.0
9H-Fluorene, 1-me...	16.77	17.3	ng/ul	328929	4	17.47	379321	20.0
(DEL) Alkane: Cyc...	17.03	4.4	ng/ul	83258	4	17.47	379321	20.0
9H-Fluorene, 2-me...	17.13	5.1	ng/ul	97279	4	17.47	379321	20.0
(DEL) Alkane: Str...	17.26	10.4	ng/ul	197409	4	17.47	379321	20.0
Dibenzothiophene	17.29	8.3	ng/ul	156610	4	17.47	379321	20.0
unknown-03	17.67	7.9	ng/ul	149940	4	17.47	379321	20.0
unknown-04	17.74	4.1	ng/ul	77354	4	17.47	379321	20.0
Dibenzothiophene,...	18.05	6.3	ng/ul	120472	4	17.47	379321	20.0
Dibenzothiophene,...	18.19	7.1	ng/ul	133852	4	17.47	379321	20.0
Phenanthrene, 4-m...	18.34	30.3	ng/ul	574490	4	17.47	379321	20.0
Phenanthrene, 1-m...	18.39	31.3	ng/ul	594153	4	17.47	379321	20.0
Phenanthrene, 2-m...	18.47	15.1	ng/ul	286175	4	17.47	379321	20.0
4H-Cyclopenta[def...	18.54	48.4	ng/ul	918775	4	17.47	379321	20.0