LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041903.D
Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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	3.159	7	12	28	rVB	375649	645389	3.35%	0.270%
2	8.036	832	842	857	rBV	381271	657125	3.41%	0.275%
3	10.862	1312	1323	1327	rBV	520497	1013582	5.26%	0.425%
4	10.909	1327	1331	1339	rVV	686118	1234624	6.41%	0.517%
5	12.519	1596	1605	1613	rVB	1106169	1826881	9.48%	0.765%
6	12.742	1632	1643	1652	rBV	789727	1385383	7.19%	0.580%
7	13.523	1769	1776	1783	rBV	205854	333971	1.73%	0.140%
8	13.723	1804	1810	1822	rVB	562794	1085944	5.64%	0.455%
9	13.876	1826	1836	1842	rVV2	485759	1294078	6.72%	0.542%
10	14.017	1853	1860	1865	rVV2	803061	1501074	7.79%	0.629%
11	14.070	1865	1869	1877	rVV2	517448	995767	5.17%	0.417%
12	14.252	1892	1900	1904	rBV	464300	765624	3.97%	0.321%
13	14.387	1917	1923	1926	rBV	269329	460338	2.39%	0.193%
14	14.416	1926	1928	1936	rVB	274302	386245	2.00%	0.162%
15	14.698	1965	1976	1981	rVV2	861910	1778876	9.23%	0.745%
16	14.763	1981	1987	1994	rVV	1686831	2890381	15.00%	1.211%
17	14.904	2004	2011	2020	rBV	442107	1094811	5.68%	0.459%
18	15.004	2020	2028	2033	rVV2	437813	929834	4.83%	0.390%
19	15.092	2036	2043	2050	rVV	555401	1037806	5.39%	0.435%
20	15.168	2050	2056	2063	rVV	342485	580525	3.01%	0.243%
21	15.315	2075	2081	2085	rBV	275123	459291	2.38%	0.192%
22	15.368	2085	2090	2095	rVB	312668	439110	2.28%	0.184%
23	15.486	2102	2110	2113	rBV2	289601	620967	3.22%	0.260%
24	15.744	2148	2154	2165	rBV	1311139	2116030	10.98%	0.886%
25	15.844	2165	2171	2173	rBV2	421299	728588	3.78%	0.305%
26	15.868	2173	2175	2179	rVV	468529	595138	3.09%	0.249%
27	15.909	2179	2182	2187	rVB2	626195	874961	4.54%	0.367%
28	15.962	2187	2191	2194	rBV	339702	506647	2.63%	0.212%
29	15.997	2194	2197	2200	rBV2	267441	353148	1.83%	0.148%
30	16.191	2226	2230	2237	rVB3	193275	424970	2.21%	0.178%
31	16.261	2237	2242	2245	rBV2	141668	270313	1.40%	0.113%
32	16.420	2260	2269	2276	rVB5	358471	859549	4.46%	0.360%
33	16.755	2315	2326	2330	rBV3	587167	1604237	8.33%	0.672%
34	16.802	2330	2334	2340	rVV3	596969	1040004	5.40%	0.436%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041903.D
Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	16.902	2348	2351	2356	rVB	449423	651146	3.38%	0.273%
36	16.955	2356	2360	2363	rBV2	302702	485477	2.52%	0.203%
37	17.019	2367	2371	2375	rVB2	290471	431369	2.24%	0.181%
38	17.101	2380	2385	2392	rVB3	557992	957075	4.97%	0.401%
39	17.195	2392	2401	2408	rBV6	252480	879802	4.57%	0.369%
40	17.266	2408	2413	2425	rVB	1083214	1857883	9.64%	0.778%
41	17.454	2439	2445	2447	rBV	813731	1281669	6.65%	0.537%
42	17.507	2447	2454	2459	rVV	8071782	14579607	75.68%	6.108%
43	17.554	2459	2462	2463	rVV	317756	380160	1.97%	0.159%
44	17.589	2463	2468	2473	rVB	2519249	3730261	19.36%	1.563%
45	17.642	2473	2477	2482	rBV2	292330	553269	2.87%	0.232%
46	17.853	2509	2513	2518	rBV2	285510	557536	2.89%	0.234%
47	17.971	2530	2533	2537	rVB	352616	397299	2.06%	0.166%
48	18.036	2539	2544	2552	rVB	1310410	1923876	9.99%	0.806%
49	18.177	2563	2568	2575	rVB	692169	1360402	7.06%	0.570%
50	18.253	2577	2581	2585	rBV	277565	439725	2.28%	0.184%
51	18.335	2589	2595	2599	rVV	3639203	5940794	30.84%	2.489%
52	18.388	2599	2604	2610	rVB	4335702	6642408	34.48%	2.783%
53	18.465	2611	2617	2622	rBV	1451077	2401975	12.47%	1.006%
54	18.529	2622	2628	2632	rVV2	4094125	8226009	42.70%	3.446%
55	18.564	2632	2634	2640	rVB	2883649	3650716	18.95%	1.529%
56	18.670	2650	2652	2657	rVB3	219198	290165	1.51%	0.122%
57	18.729	2657	2662	2666	rBV2	538957	798295	4.14%	0.334%
58	18.829	2674	2679	2682	rBV2	1720327	2506207	13.01%	1.050%
59	18.876	2682	2687	2695	rVB2	1527568	2752808	14.29%	1.153%
60	18.952	2696	2700	2704	rBV	727507	1107135	5.75%	0.464%
61	19.046	2712	2716	2717	rBV2	461262	579178	3.01%	0.243%
62	19.070	2717	2720	2725	rVV	1427124	2183949	11.34%	0.915%
63	19.123	2725	2729	2732	rVV	1081955	1552461	8.06%	0.650%
64	19.158	2732	2735	2740	rVB2	885709	1251598	6.50%	0.524%
65	19.246	2745	2750	2755	rBV	2472684	4452387	23.11%	1.865%
66	19.305	2755	2760	2764	rVV3	834801	1568134	8.14%	0.657%
67	19.387	2769	2774	2782	rBV4	1351741	3048779	15.83%	1.277%
68	19.516	2789	2796	2801	rVV2	6220480	10699820	55.54%	4.483%
69	19.569	2801	2805	2808	rVV2	540633	814896	4.23%	0.341%
70	19.604	2808	2811	2816	rVB2	790845	1075112	5.58%	0.450%
71	19.704	2826	2828	2832	rVB2	535695	656762	3.41%	0.275%

LSC Area Percent Report

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Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

72	19.751	2832	2836	2839	rVV3	816568	1142809	5.93%	0.479%
73	19.786	2840	2842	2847	rVV	553607	658280	3.42%	0.276%
74	19.881	2848	2858	2864	rVV2	8396437	19264603	100.00%	8.071%
75	19.939	2864	2868	2874	rVB3	1121092	2006154	10.41%	0.840%
76	20.098	2892	2895	2901	rVB3	637924	1018700	5.29%	0.427%
77	20.204	2905	2913	2921	rBV2	1703074	4402503	22.85%	1.844%
78	20.280	2922	2926	2929	rBV2	484996	789224	4.10%	0.331%
79	20.327	2930	2934	2936	rVV3	1306710	2135898	11.09%	0.895%
80	20.362	2936	2940	2944	rVB	2650254	4096932	21.27%	1.716%
81	20.462	2950	2957	2961	rBV	2077744	3358966	17.44%	1.407%
82	20.521	2962	2967	2971	rVV	2849181	4413656	22.91%	1.849%
83	20.556	2971	2973	2977	rVB	935920	1166853	6.06%	0.489%
84	20.662	2987	2991	2995	rBV	2031577	2803607	14.55%	1.175%
85	20.709	2995	2999	3003	rVB	2021734	2566399	13.32%	1.075%
86	21.132	3067	3071	3077	rVB	1376482	2338657	12.14%	0.980%
87	21.314	3095	3102	3106	rBV3	1786999	3668476	19.04%	1.537%
88	21.355	3106	3109	3113	rVB	1382602	1893805	9.83%	0.793%
89	21.408	3114	3118	3122	rBV3	749334	1146418	5.95%	0.480%
90	21.731	3166	3173	3178	rBV3	5534468	11754676	61.02%	4.924%
91	21.802	3180	3185	3196	rVB	5499789	10922264	56.70%	4.576%
92	21.896	3197	3201	3205	rBV2	649078	981552	5.10%	0.411%
93	21.949	3205	3210	3215	rBV	1063508	1808952	9.39%	0.758%
94	22.407	3284	3288	3293	rBV	625037	1152239	5.98%	0.483%
95	22.489	3299	3302	3309	rVB	1949258	3225805	16.74%	1.351%
96	22.560	3310	3314	3320	rVB	1322978	2363081	12.27%	0.990%
97	22.771	3345	3350	3353	rBV	995565	1802176	9.35%	0.755%
98	24.005	3551	3560	3566	rBV2	2308232	7588964	39.39%	3.179%
99	24.740	3677	3685	3696	rVB	1636841	4832551	25.09%	2.025%
100	24.892	3702	3711	3722	rVB	2600731	7940365	41.22%	3.326%

Sum of corrected areas: 238701920

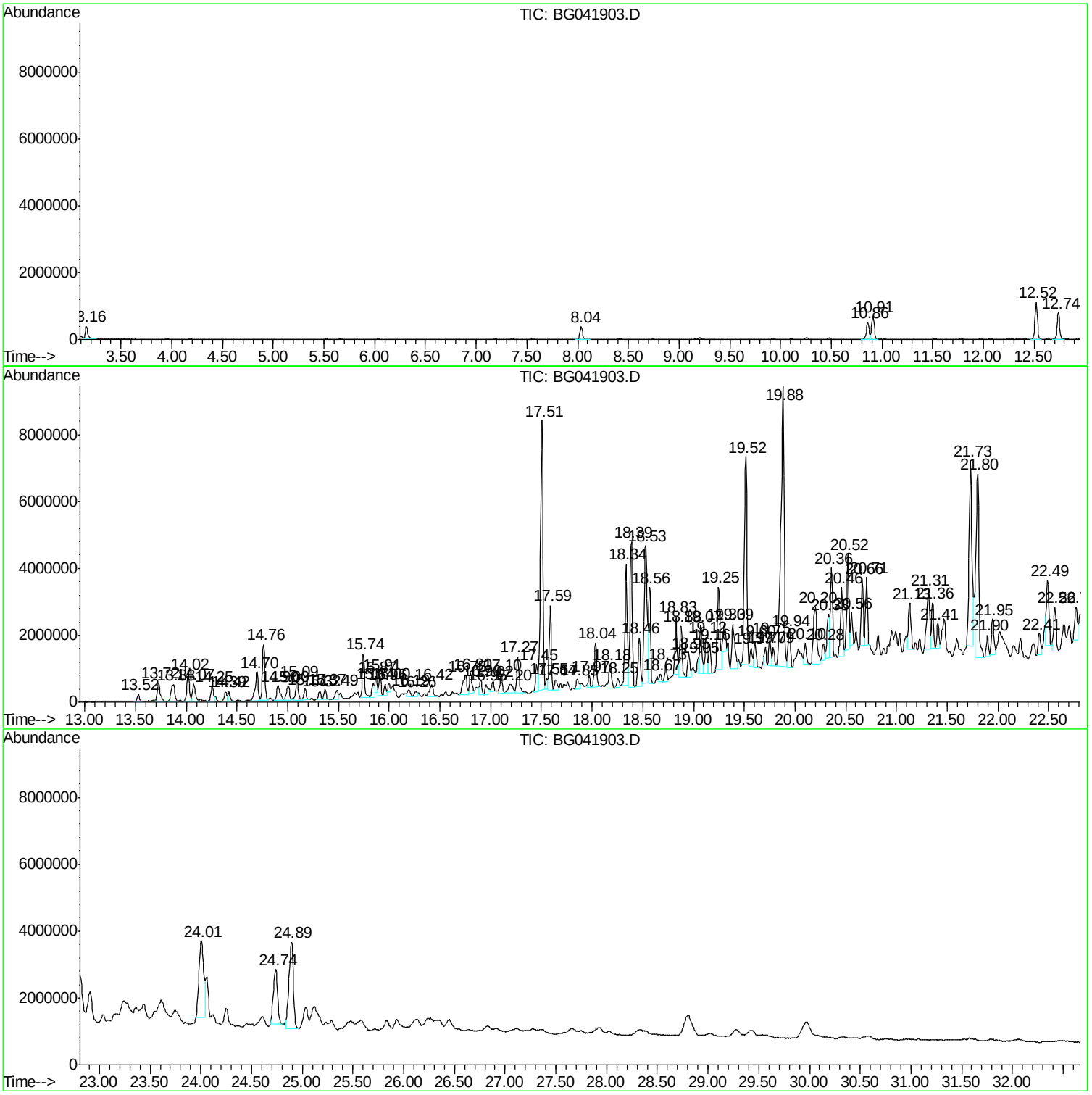
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041903.D
Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041903.D
Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

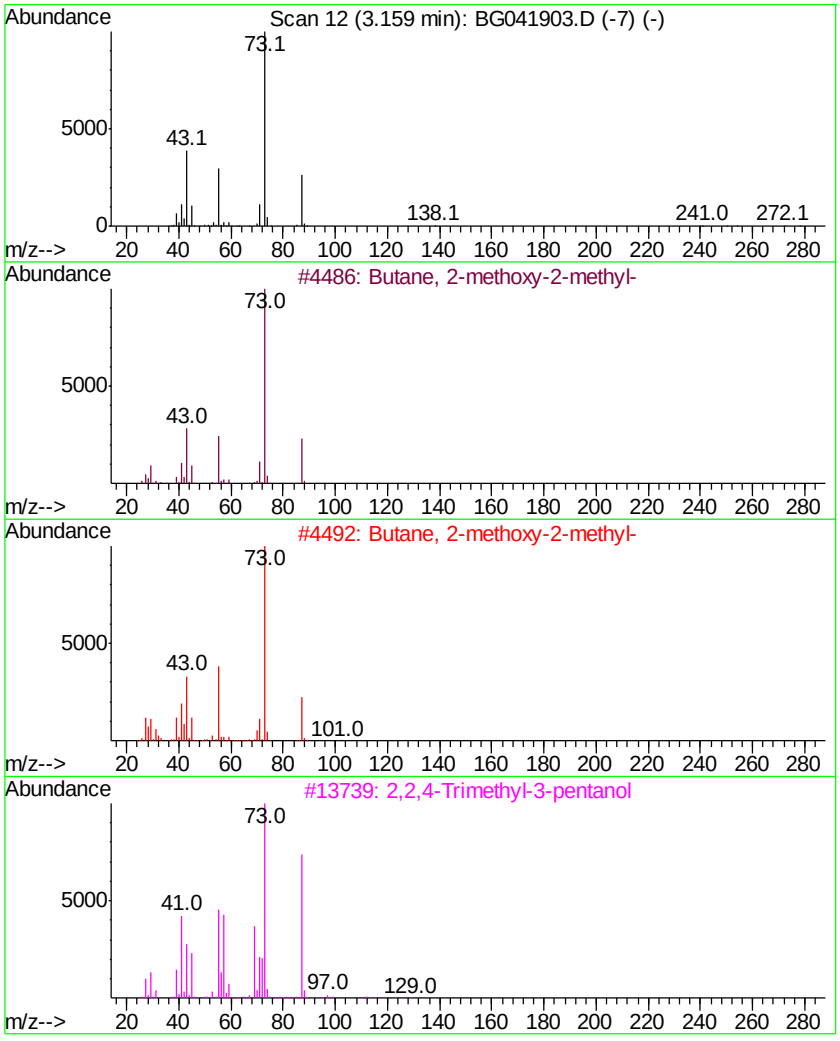
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

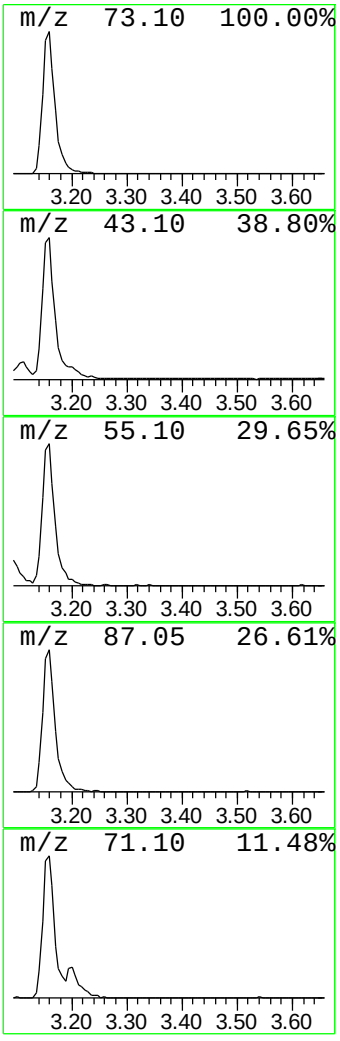
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	19.64 ng/ul	645389	1,4-Dichlorobenzene-d4	8.04

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	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041903.D
Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

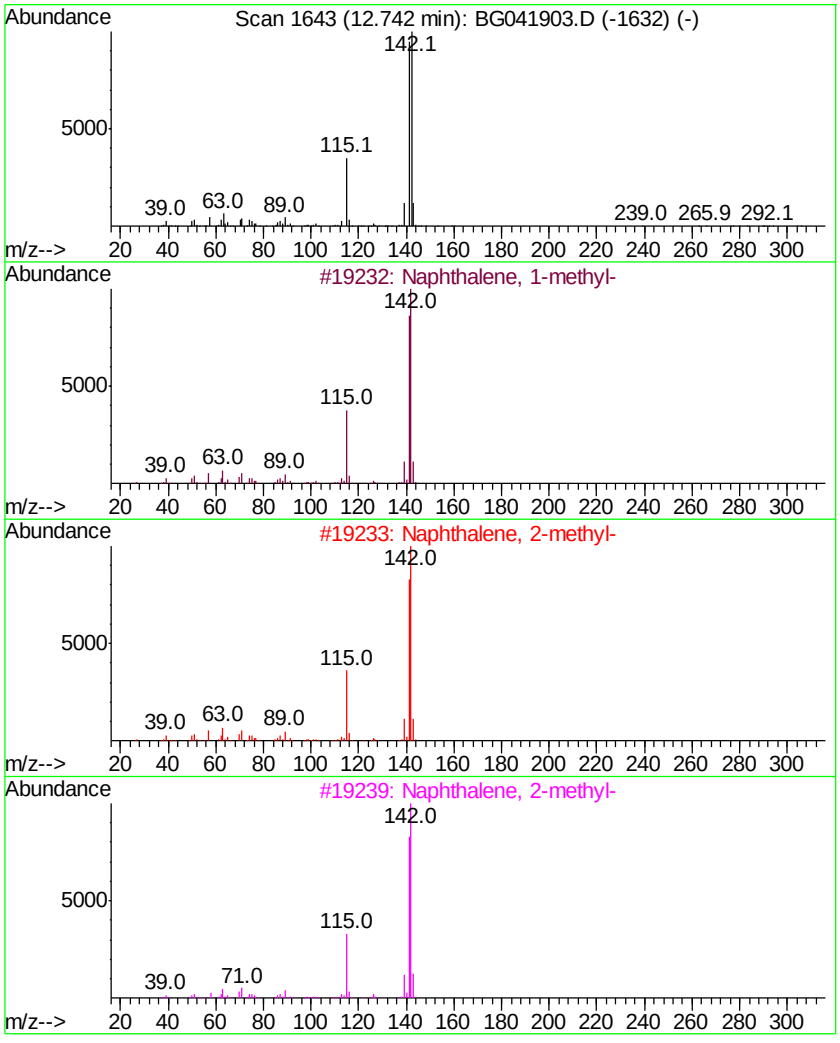
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

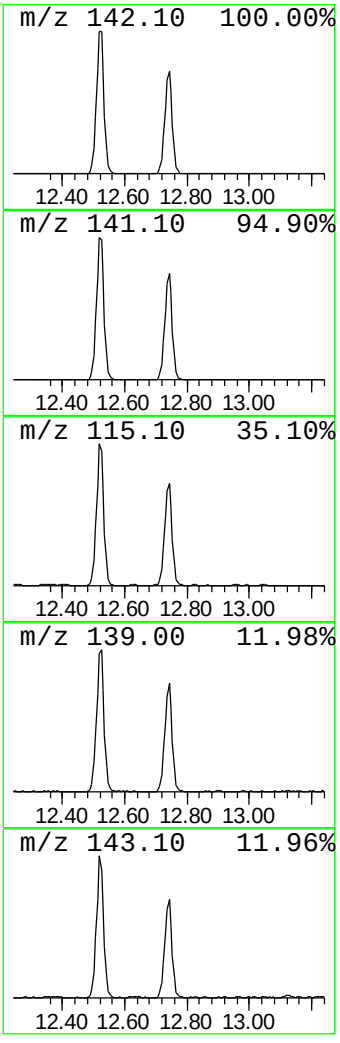
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	27.34 ng/ul	1385380	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

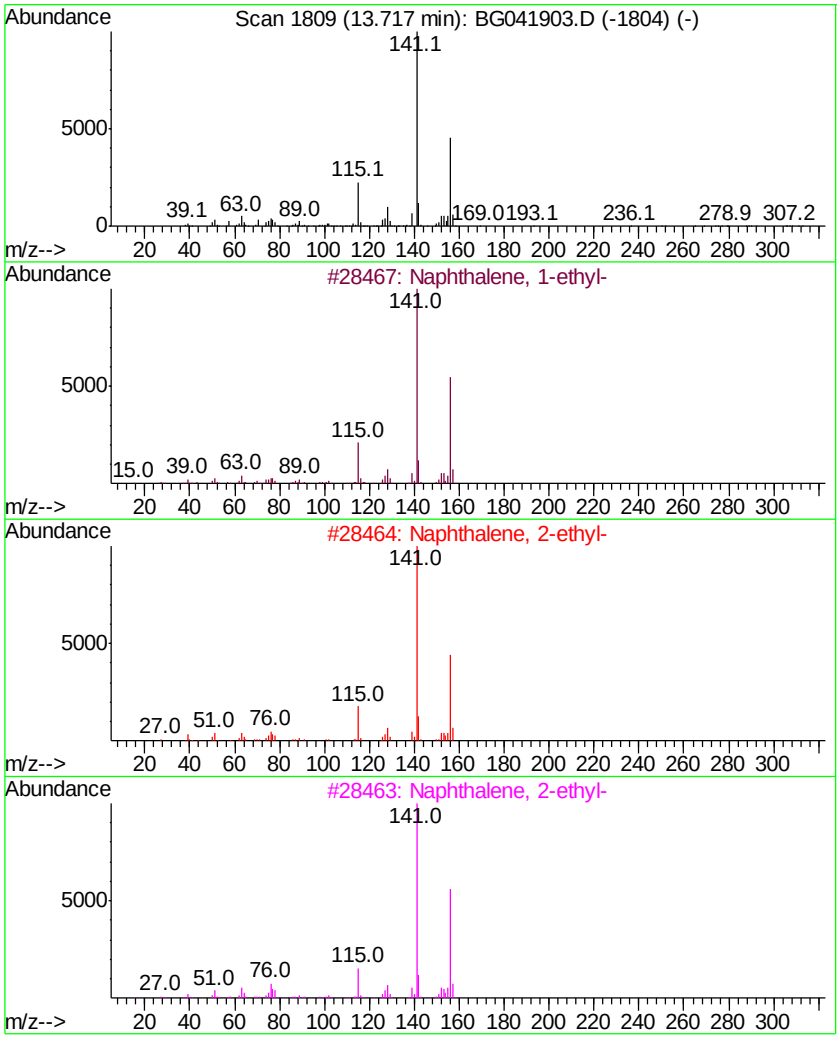
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

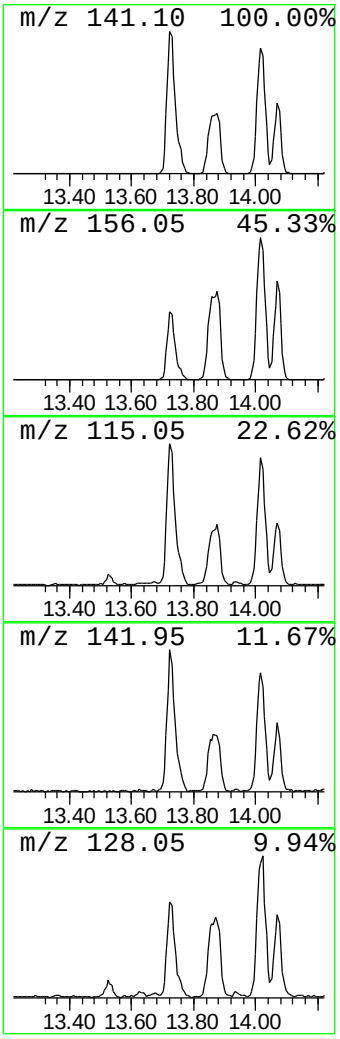
****

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	12.21 ng/ul	1085940	Acenaphthene-d10	14.70

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041903.D
Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

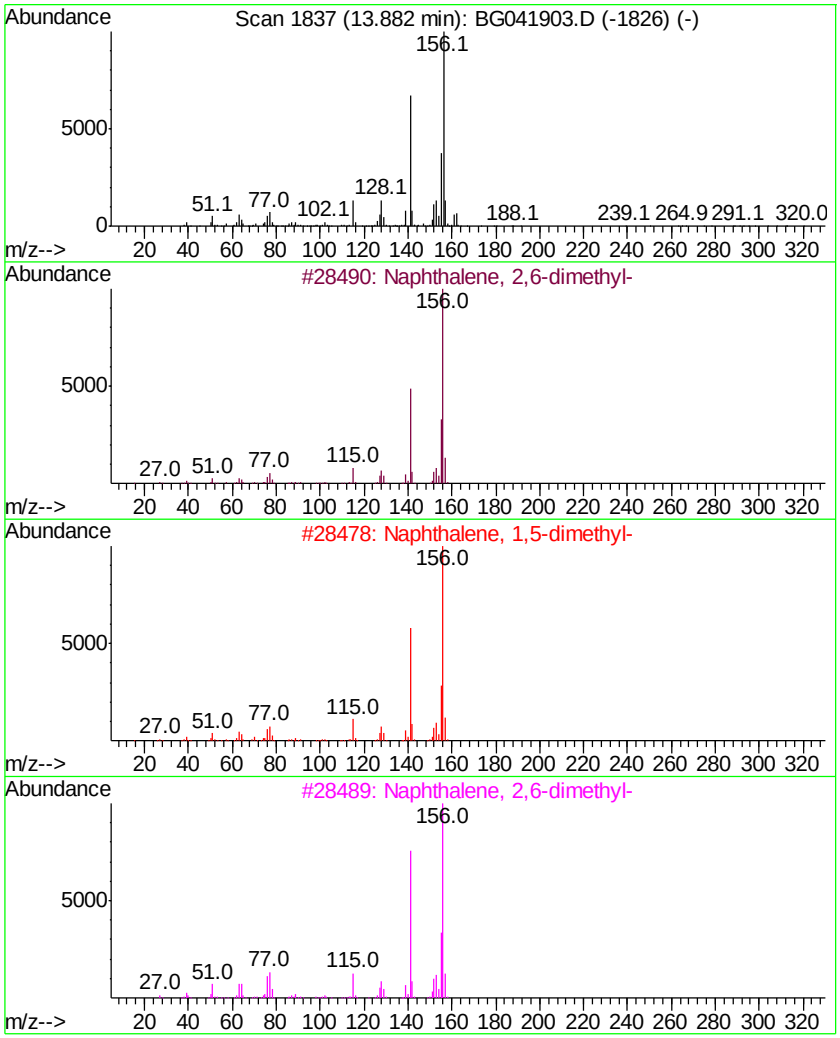
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

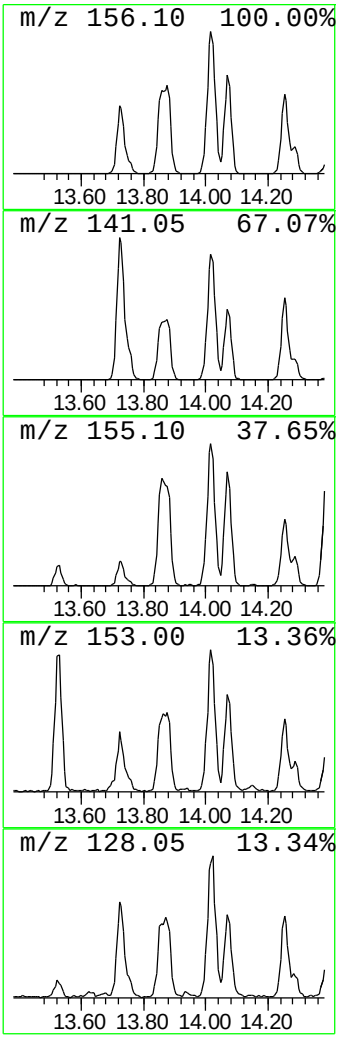
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	14.55 ng/ul	1294080	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041903.D
Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

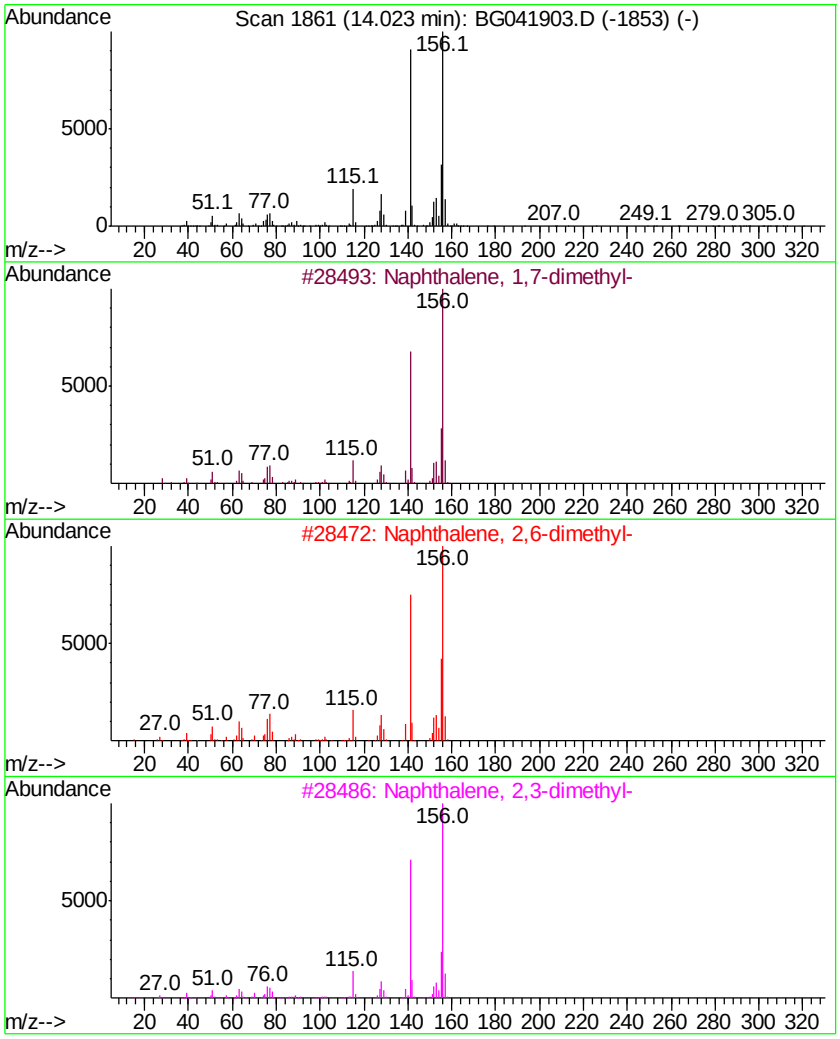
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

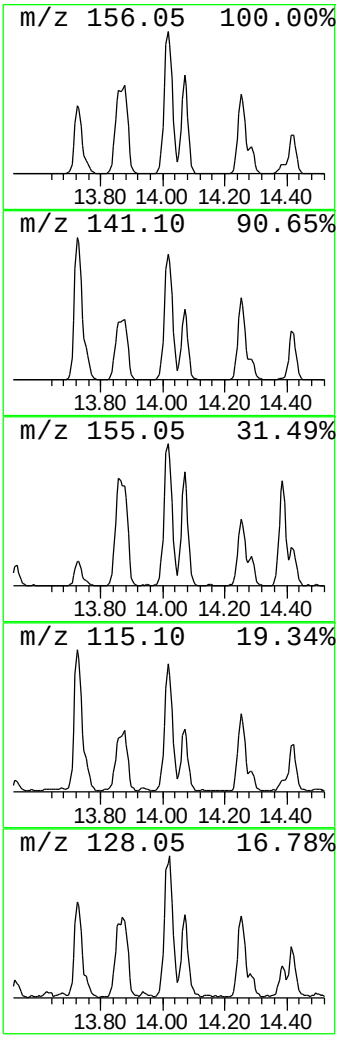
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	16.88 ng/ul	1501070	Acenaphthene-d10	14.70

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





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Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
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Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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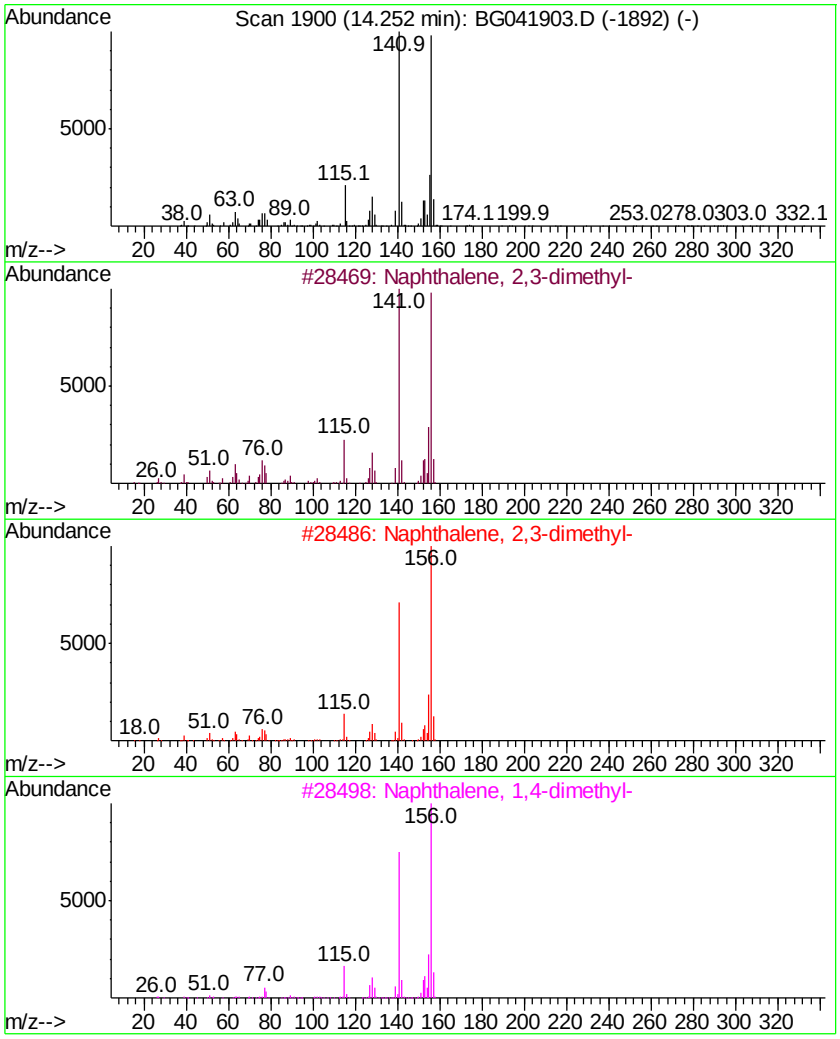
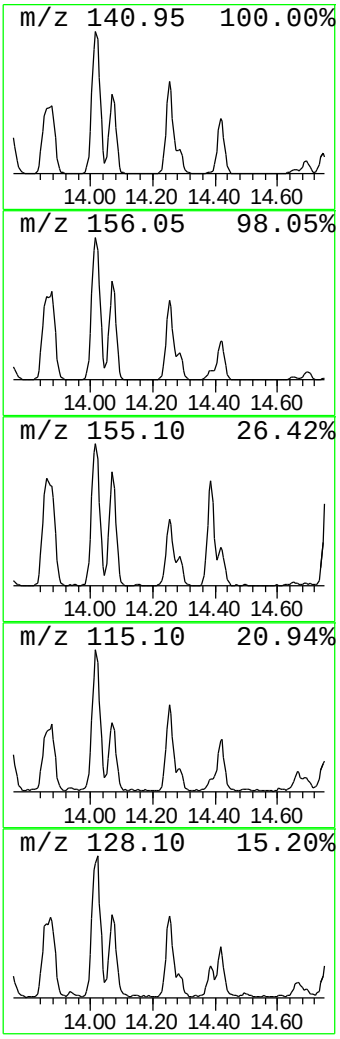
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	8.61 ng/ul	765624	Acenaphthene-d10	14.70

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, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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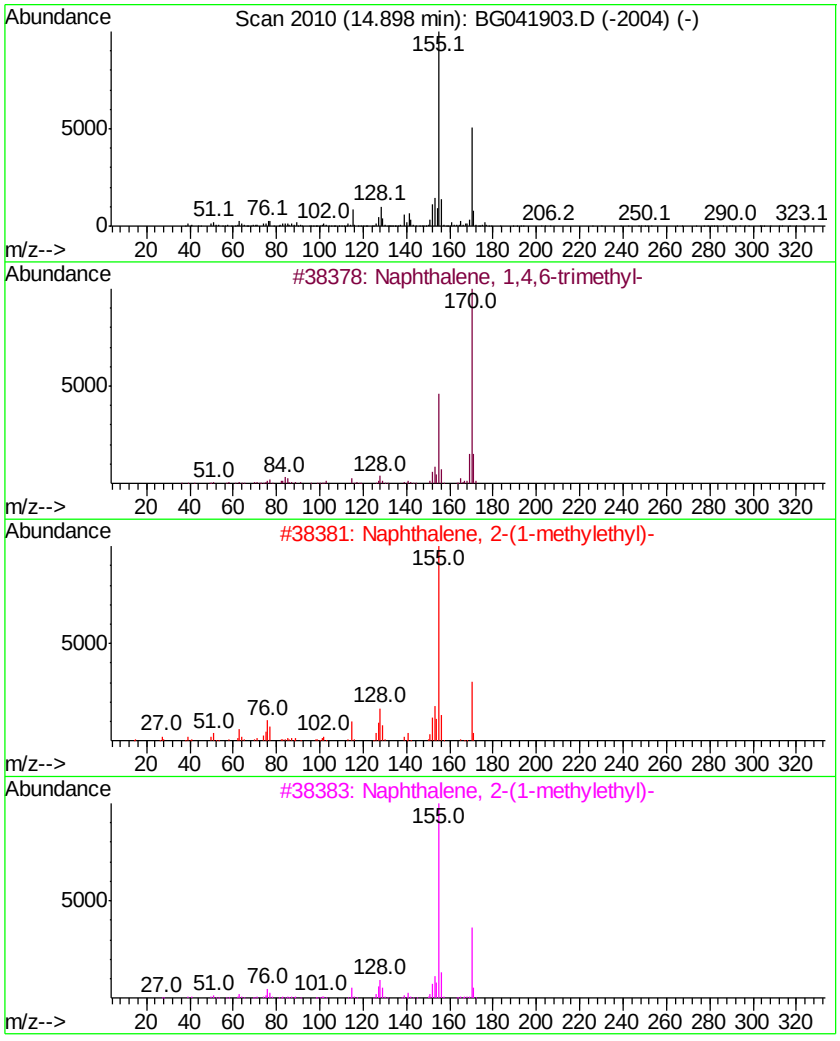
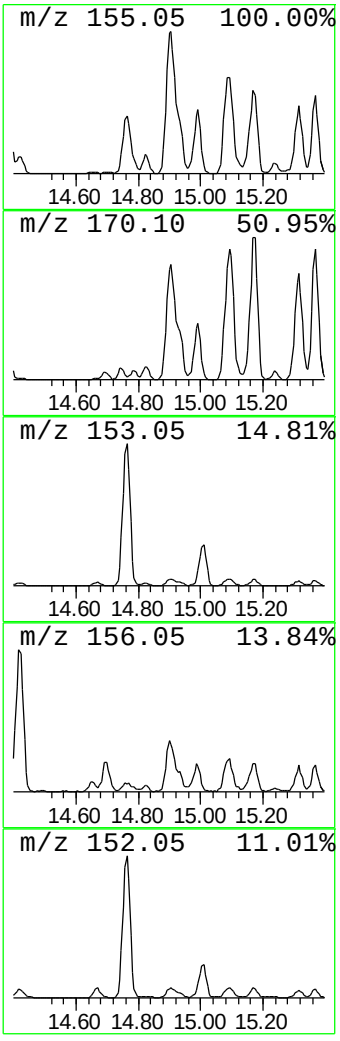
Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	12.31 ng/ul	1094810	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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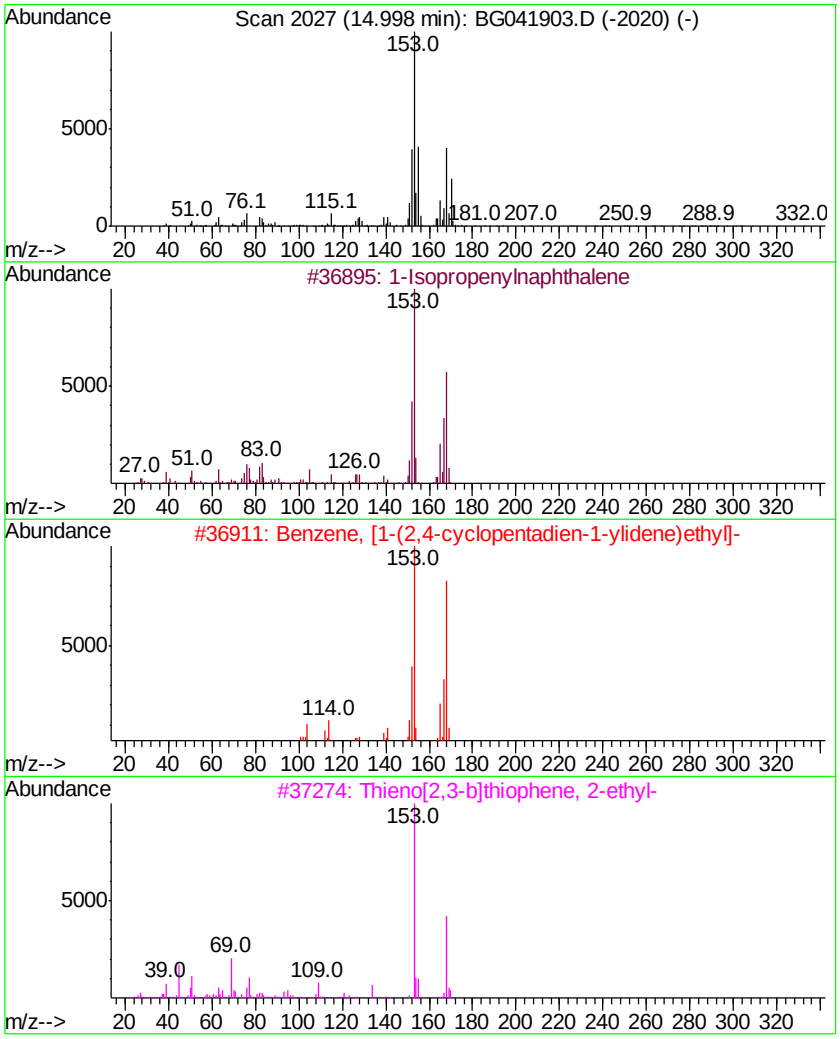
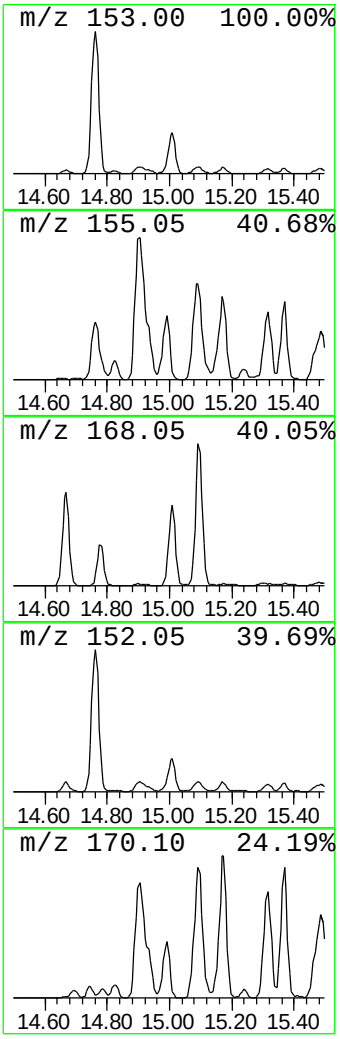
Peak Number 8 1-Isopropenylnaphthalene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	10.45 ng/ul	929834	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	56
3	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	50
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47





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Acq On : 3 Aug 2019 10:48
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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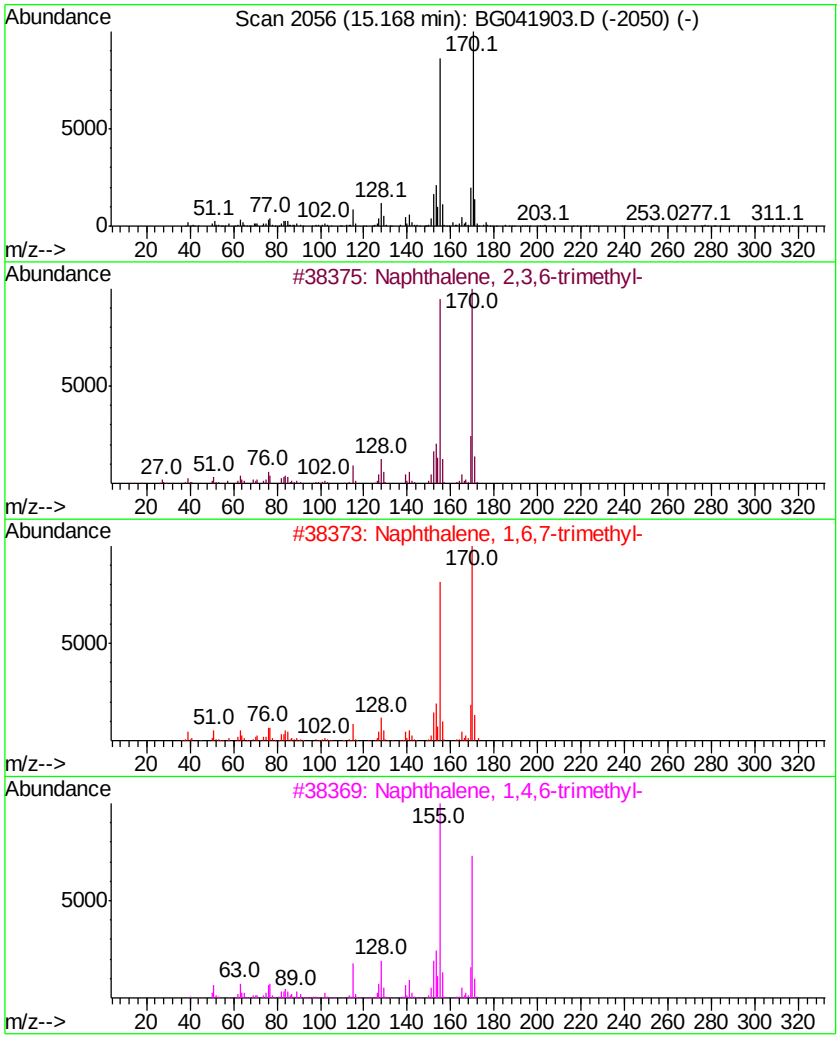
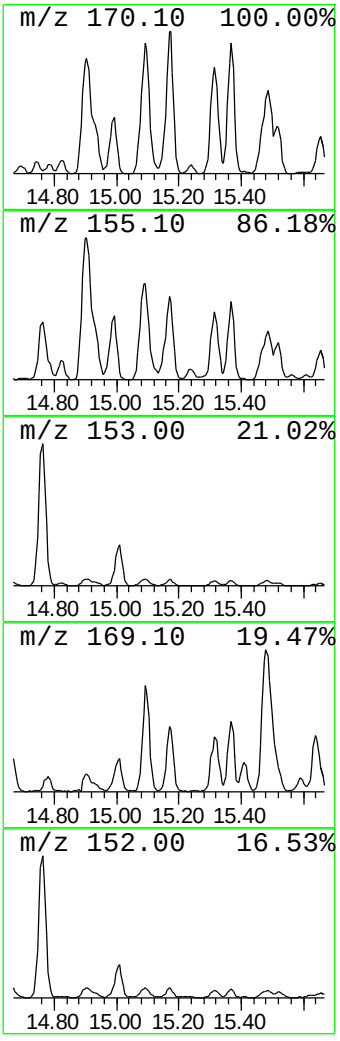
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	6.53 ng/ul	580525	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Misc :
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Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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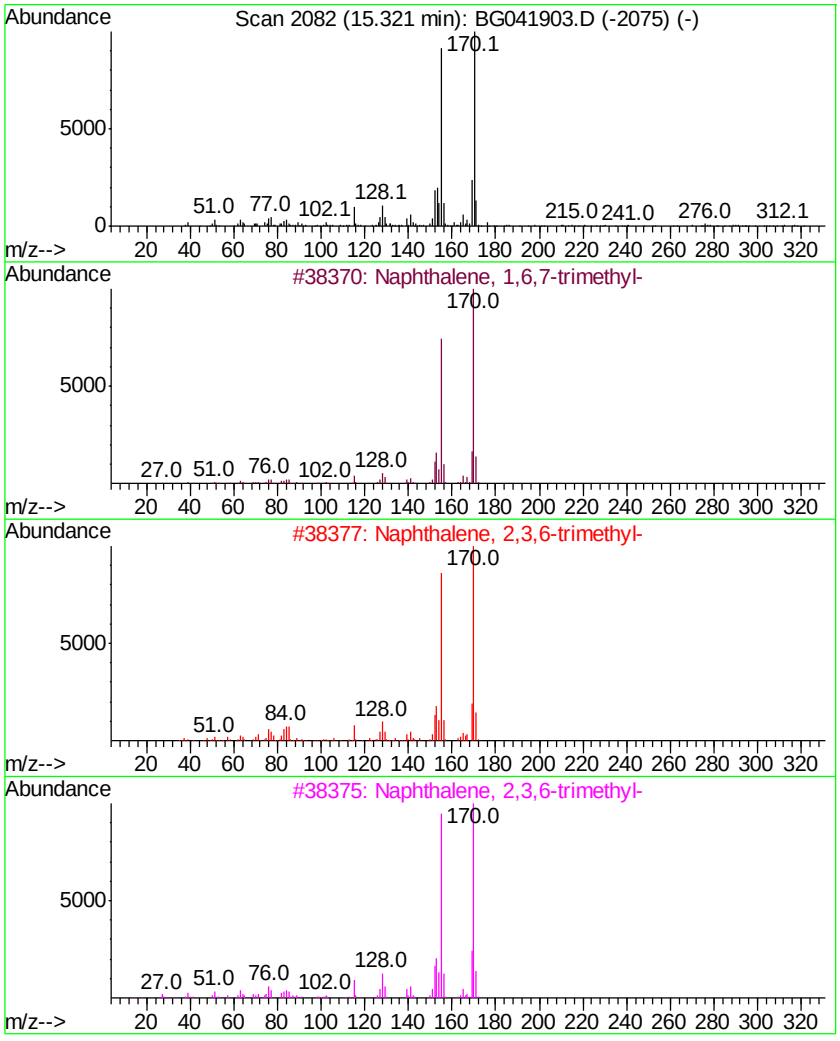
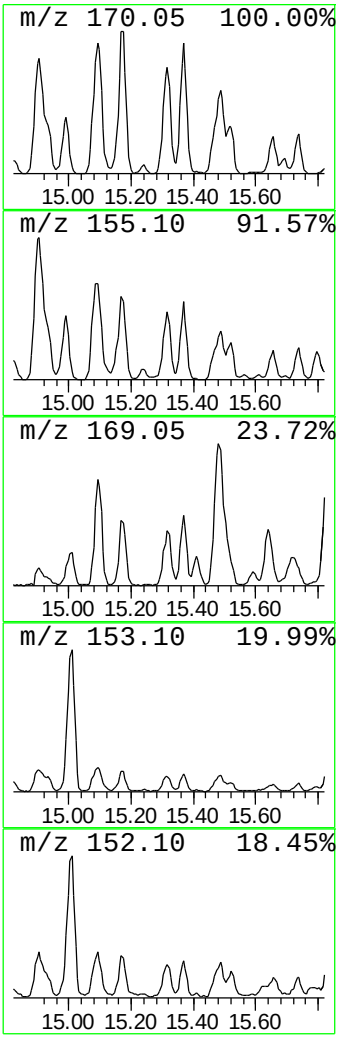
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	5.16 ng/ul	459291	Acenaphthene-d10	14.70

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





Library Search Compound Report

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ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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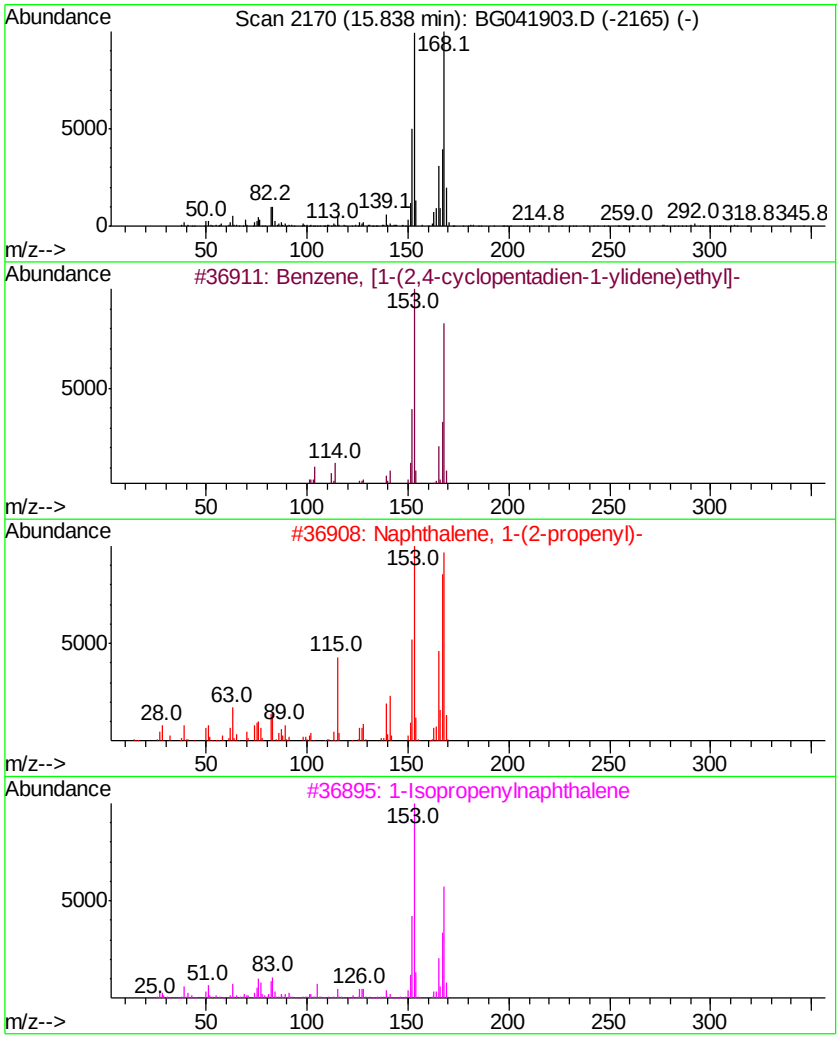
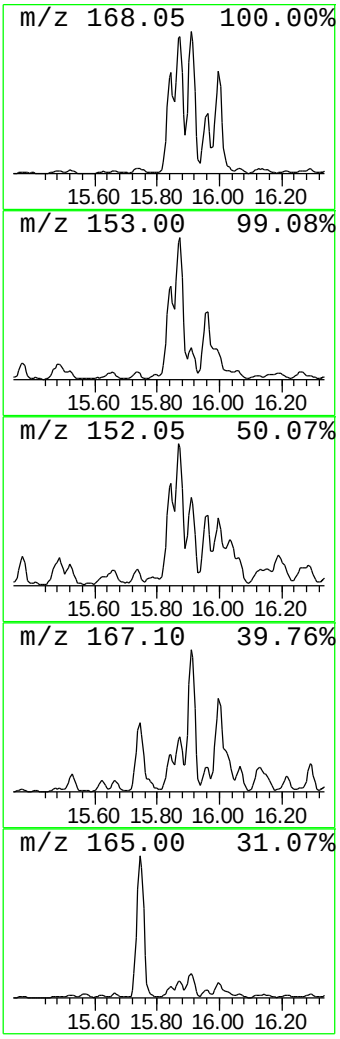
Peak Number 13 Benzene, [1-(2,4-cyclopenta... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	8.19 ng/ul	728588	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	58
5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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Peak Number 15 1,1'-Biphenyl, 2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	9.84 ng/ul	874961	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68
2	Diphenylmethane	168	C13H12	000101-81-5	68
3	Diphenylmethane	168	C13H12	000101-81-5	68
4	Diphenylmethane	168	C13H12	000101-81-5	64
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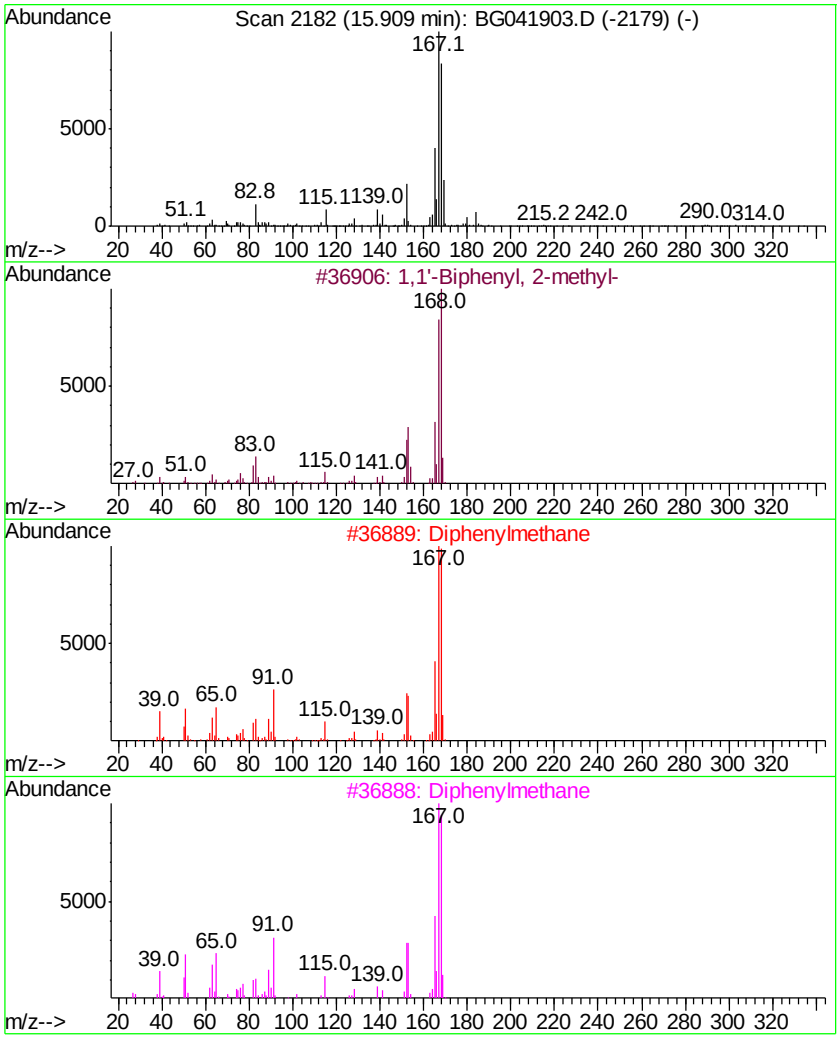

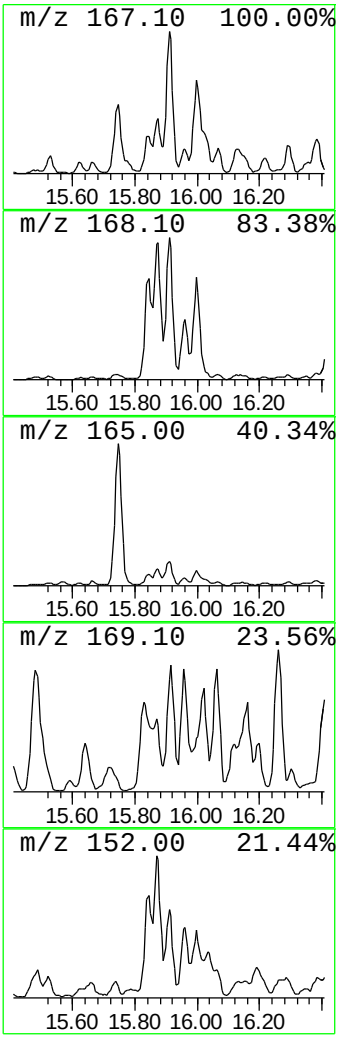

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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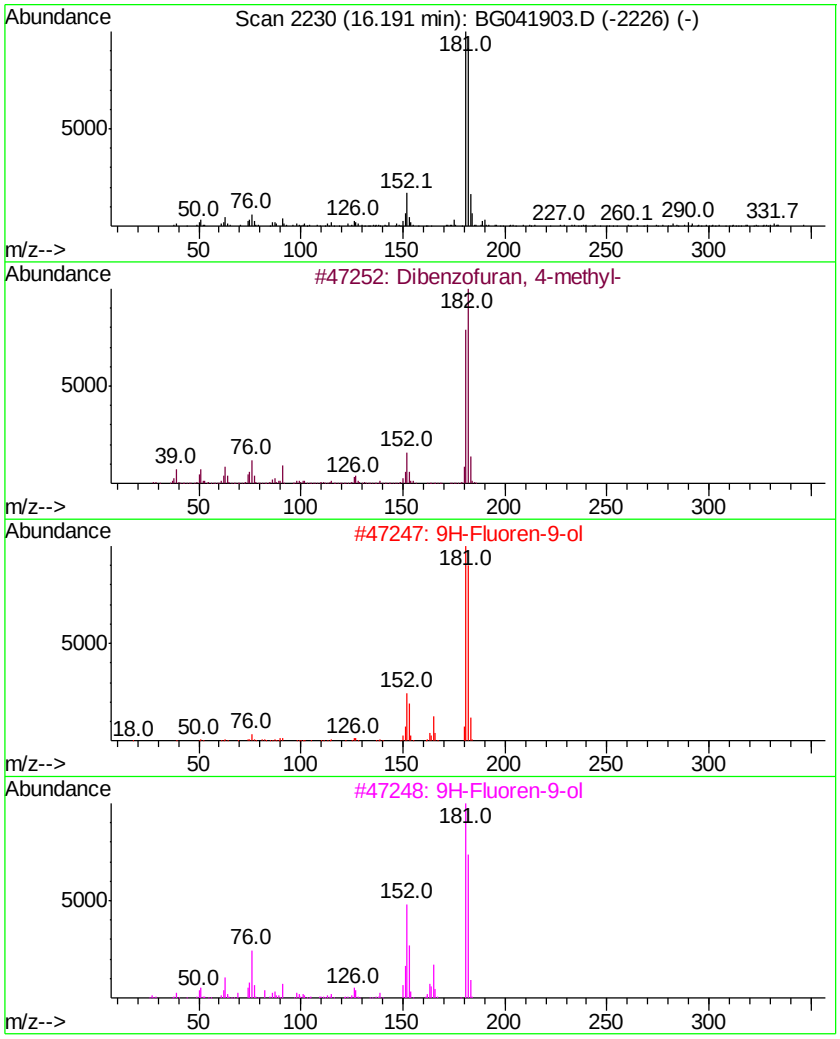
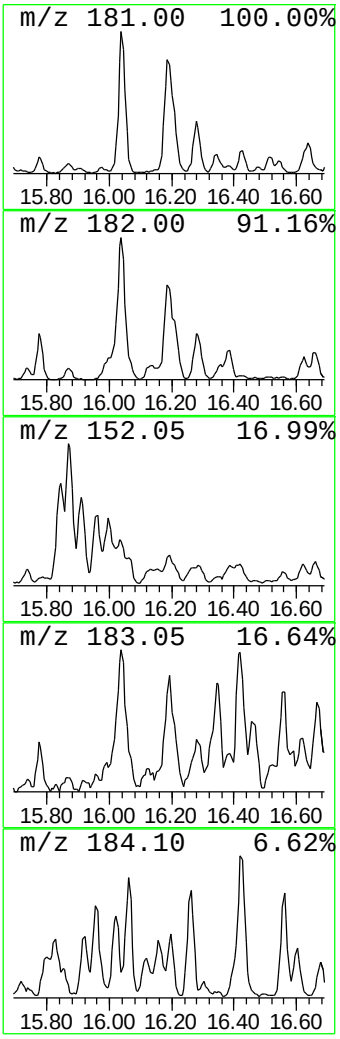
Peak Number 18 Dibenzofuran, 4-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	6.63 ng/ul	424970	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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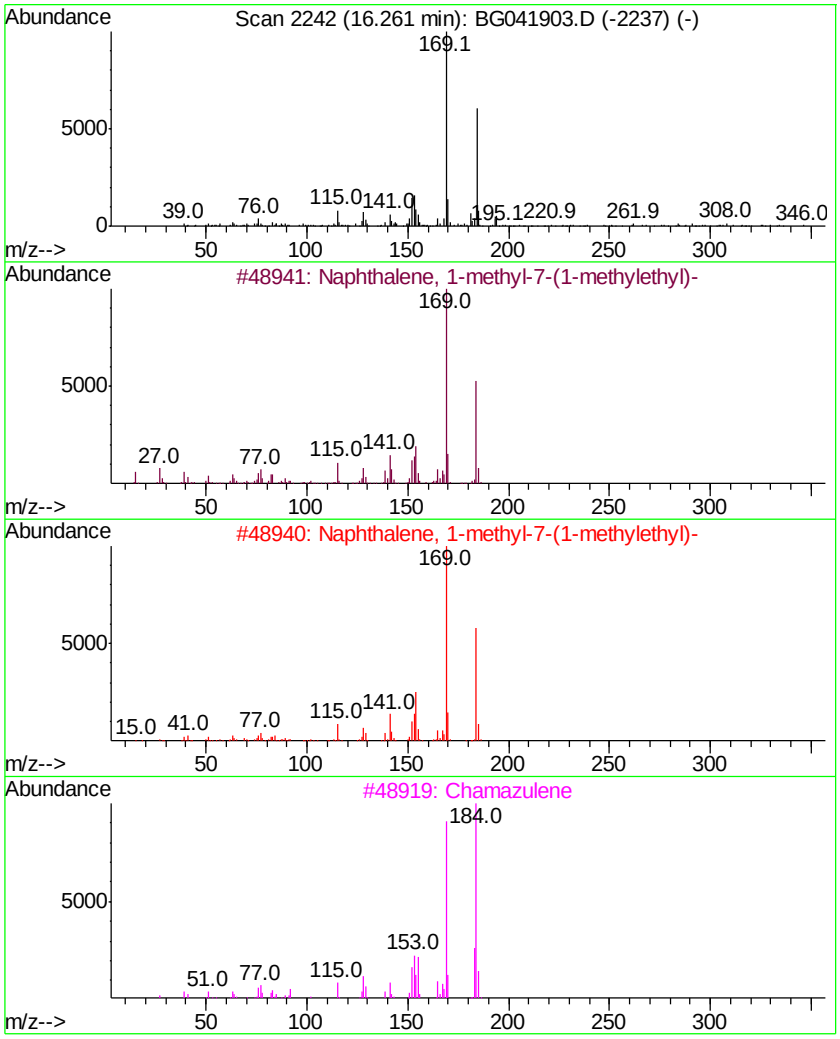
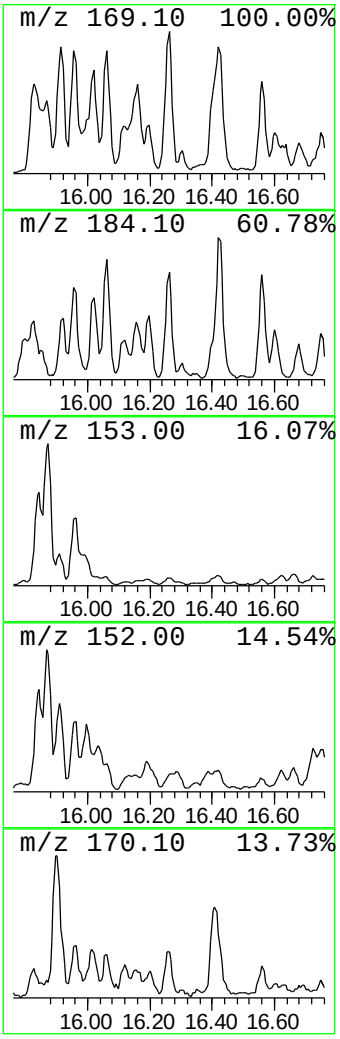
Peak Number 19 Naphthalene, 1-methyl-7-(1-... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	4.22 ng/ul	270313	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	93
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	90
3	Chamazulene	184	C14H16	000529-05-5	83
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	78
5	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	72





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ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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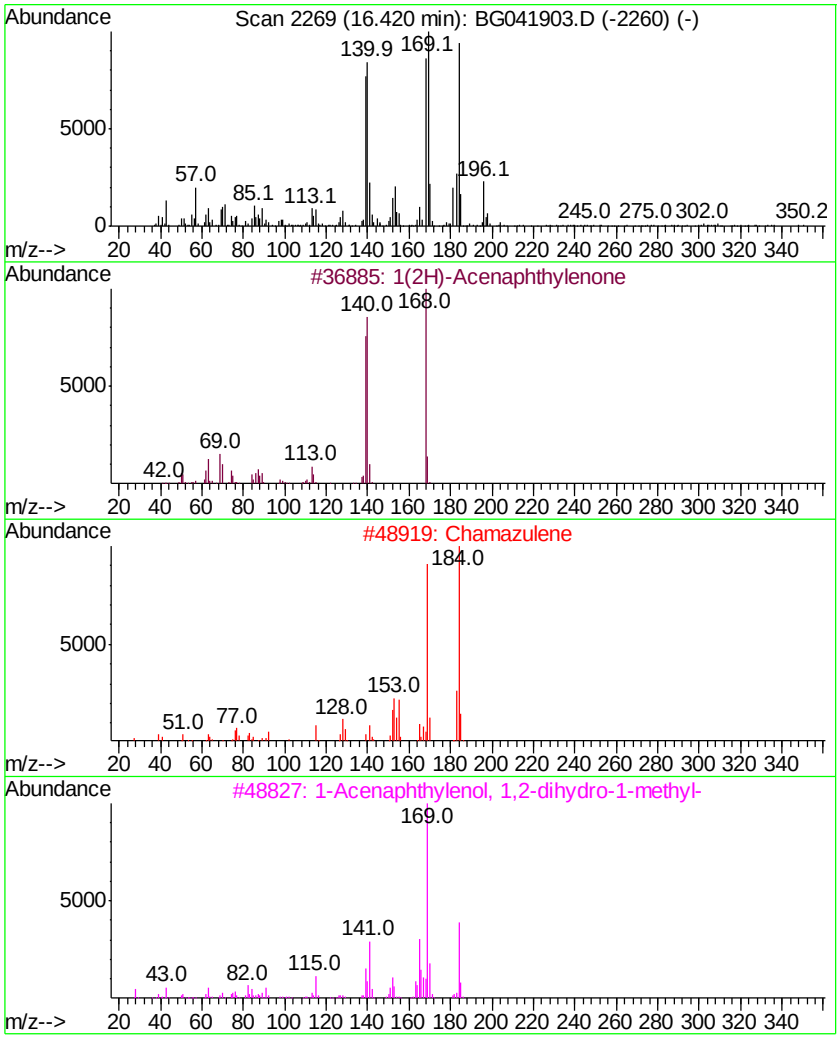
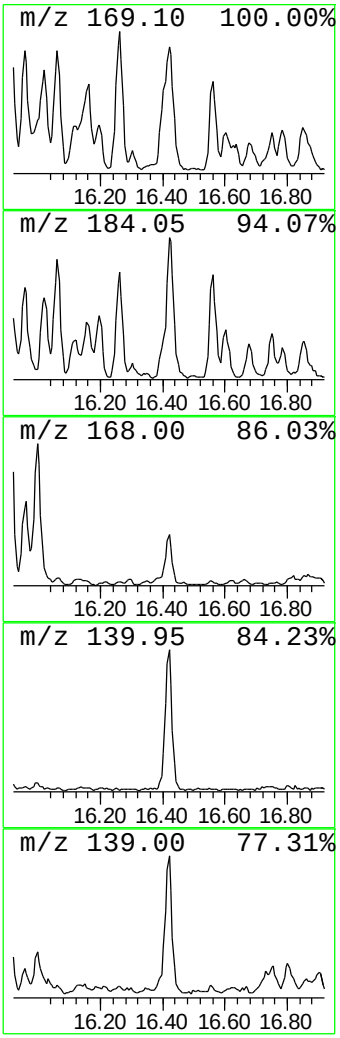
Peak Number 20 1(2H)-Acenaphthylenone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	13.41 ng/ul	859549	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	89
2	Chamazulene	184	C14H16	000529-05-5	42
3	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	42
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	42
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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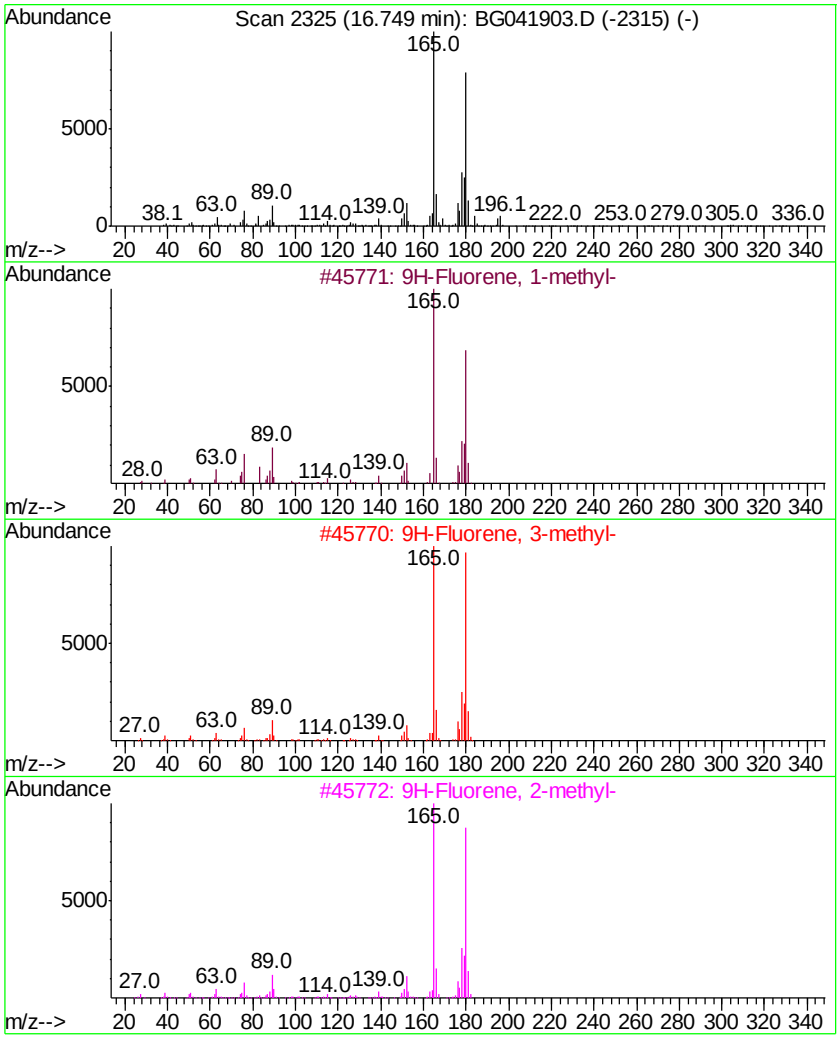
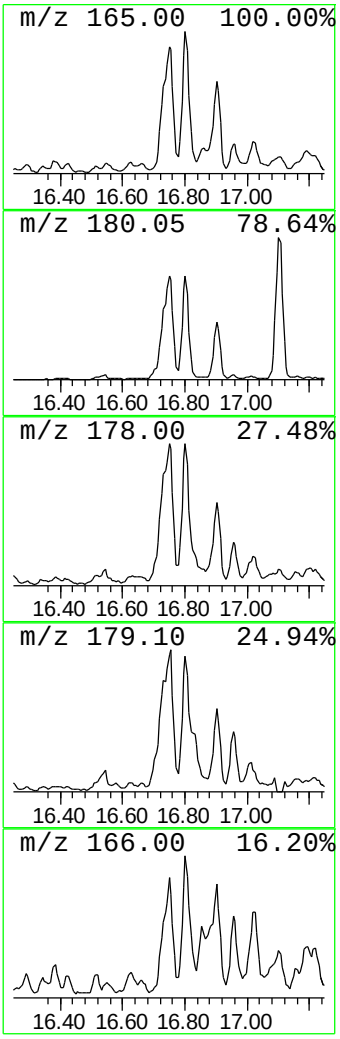
Peak Number 21 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	25.03 ng/ul	1604240	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89





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Acq On : 3 Aug 2019 10:48
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Misc :
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Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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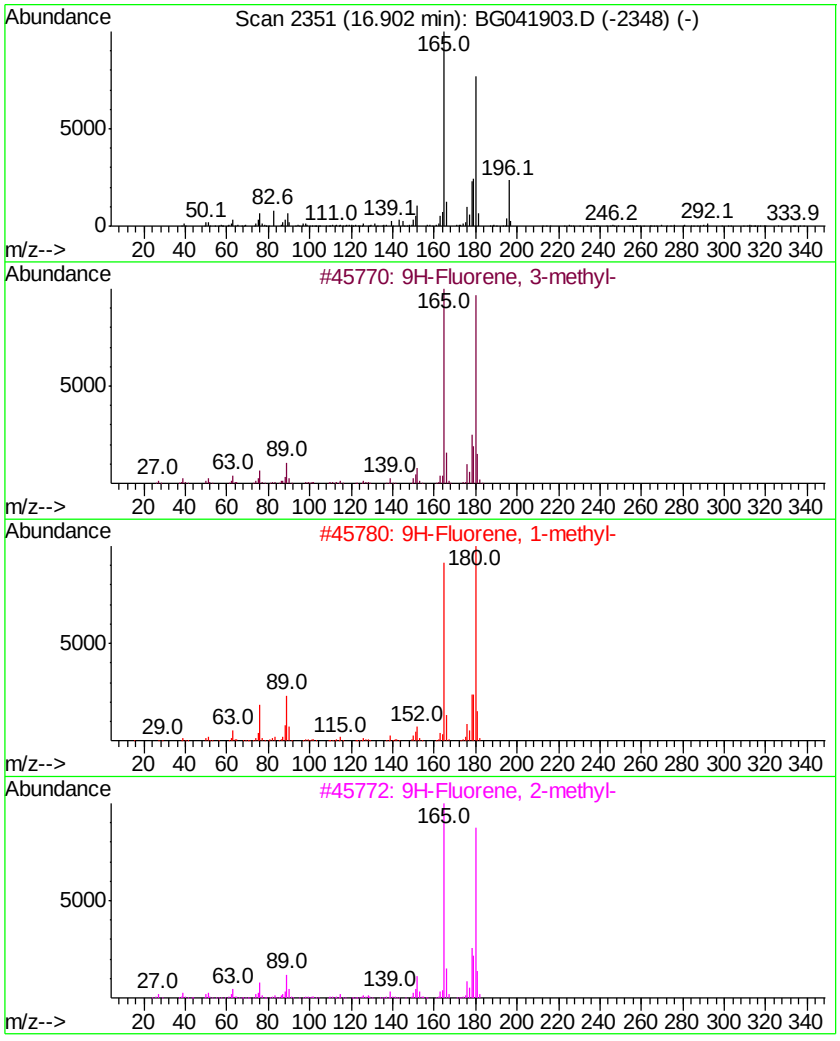
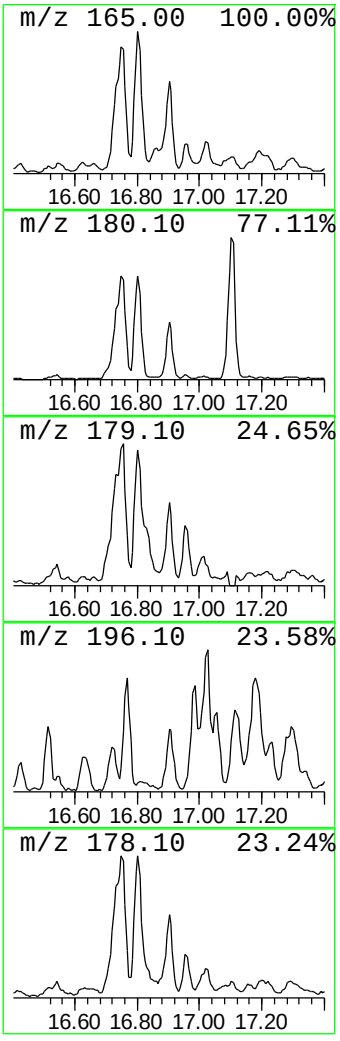
Peak Number 23 9H-Fluorene, 3-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	10.16 ng/ul	651146	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	68
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	68
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64





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Acq On : 3 Aug 2019 10:48
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Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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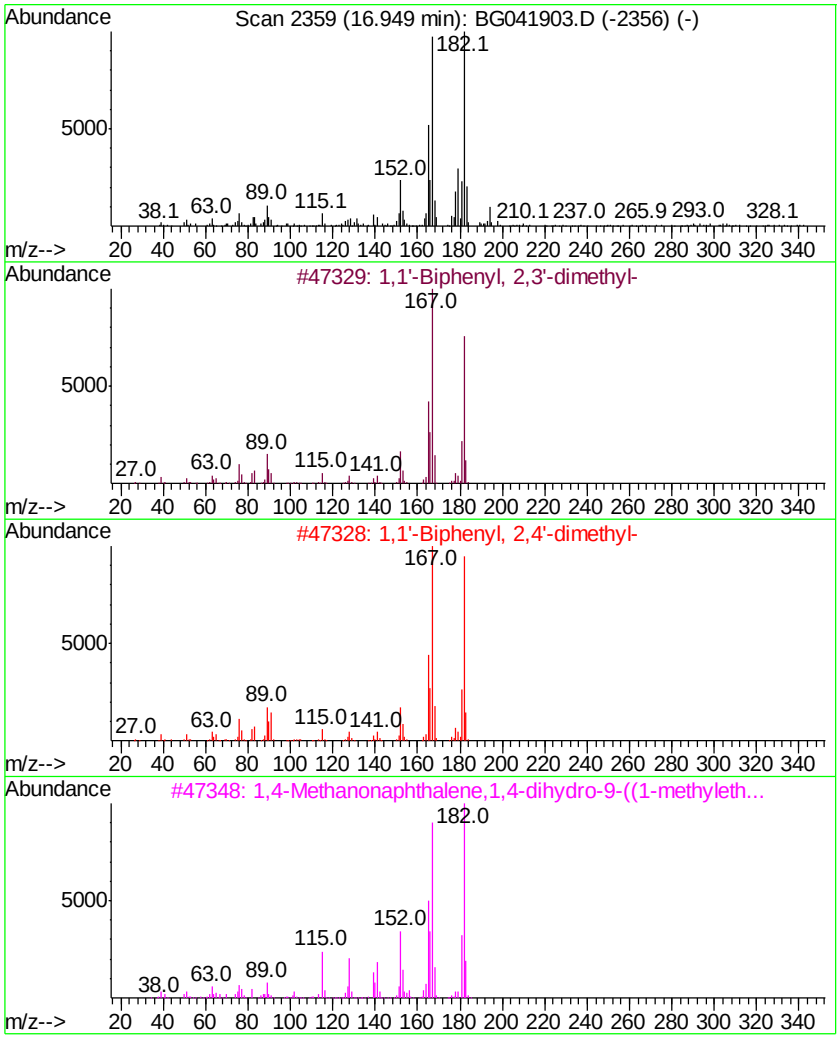
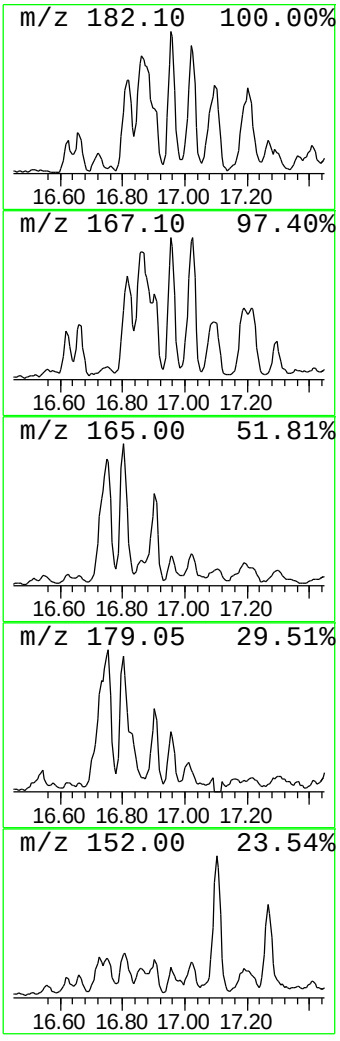
Peak Number 24 1,1'-Biphenyl, 2,3'-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	7.58 ng/ul	485477	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	95
2	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	94
3	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	91
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	90





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Misc :
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Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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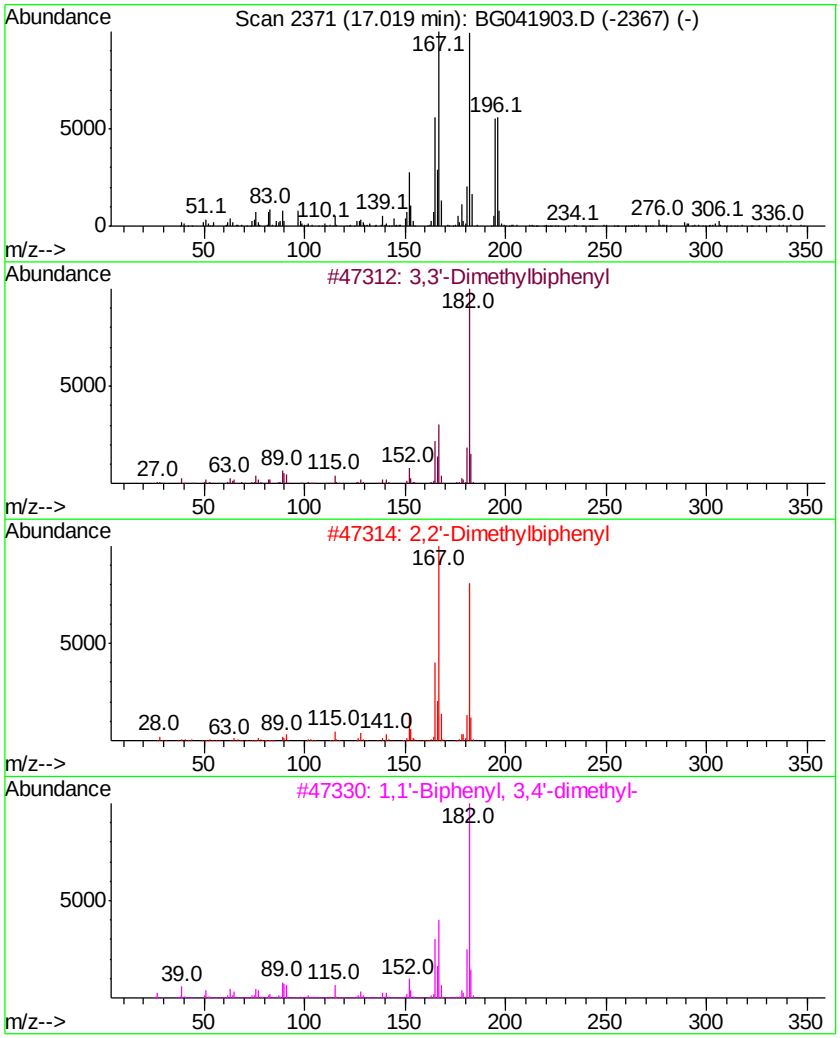
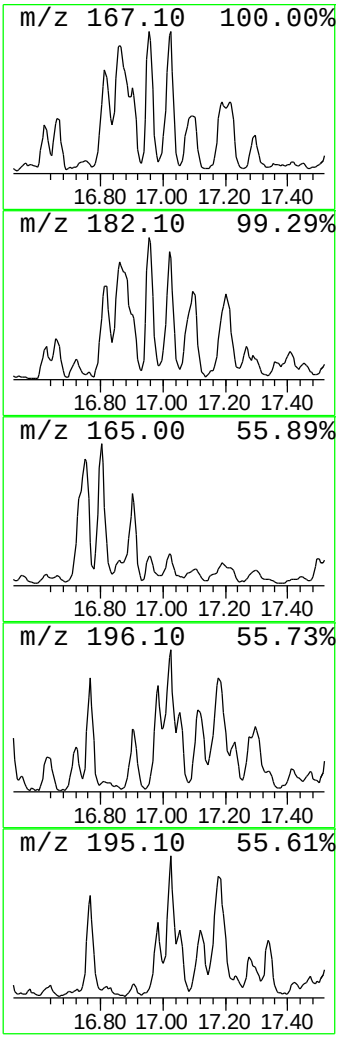
Peak Number 25 3,3'-Dimethylbiphenyl Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	6.73 ng/ul	431369	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	83
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	70
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	70
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	58
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	58





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ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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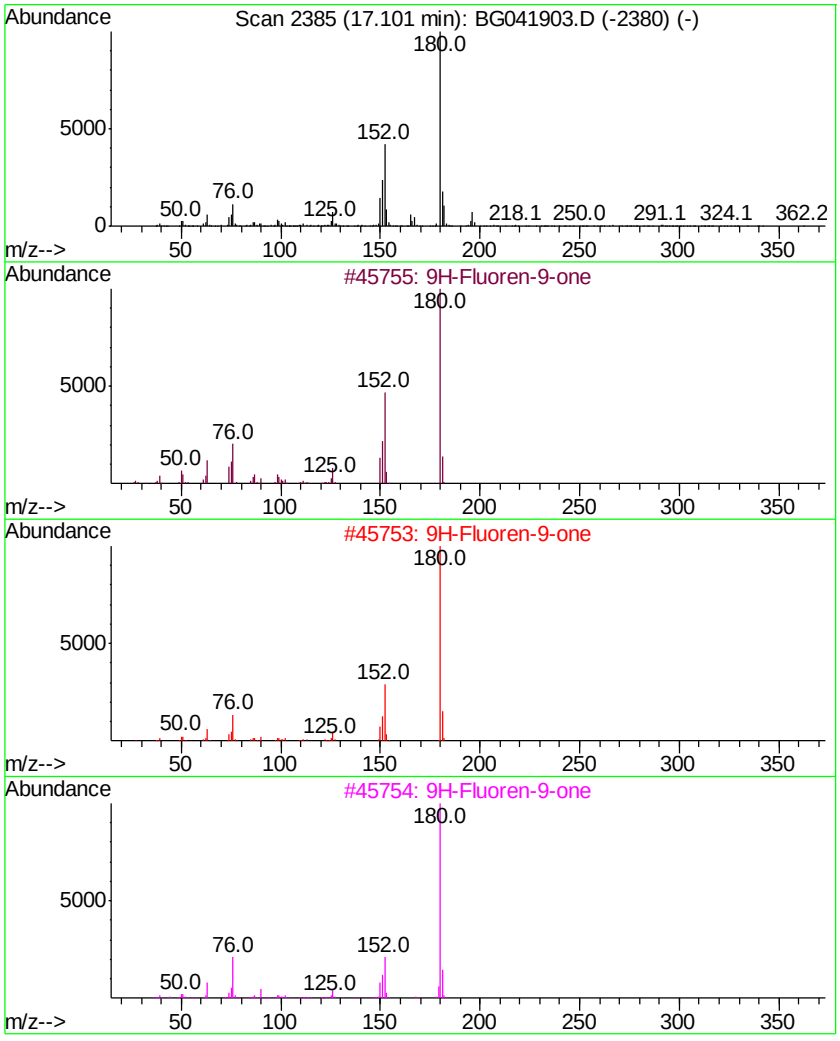
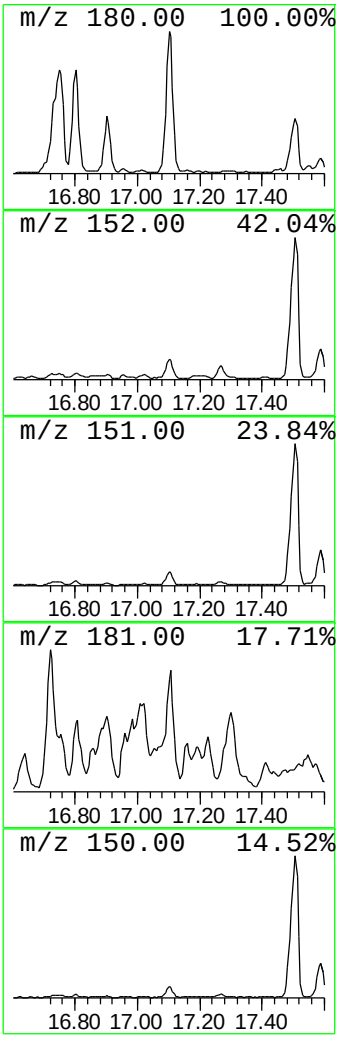
Peak Number 26 9H-Fluoren-9-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	14.93 ng/ul	957075	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	74
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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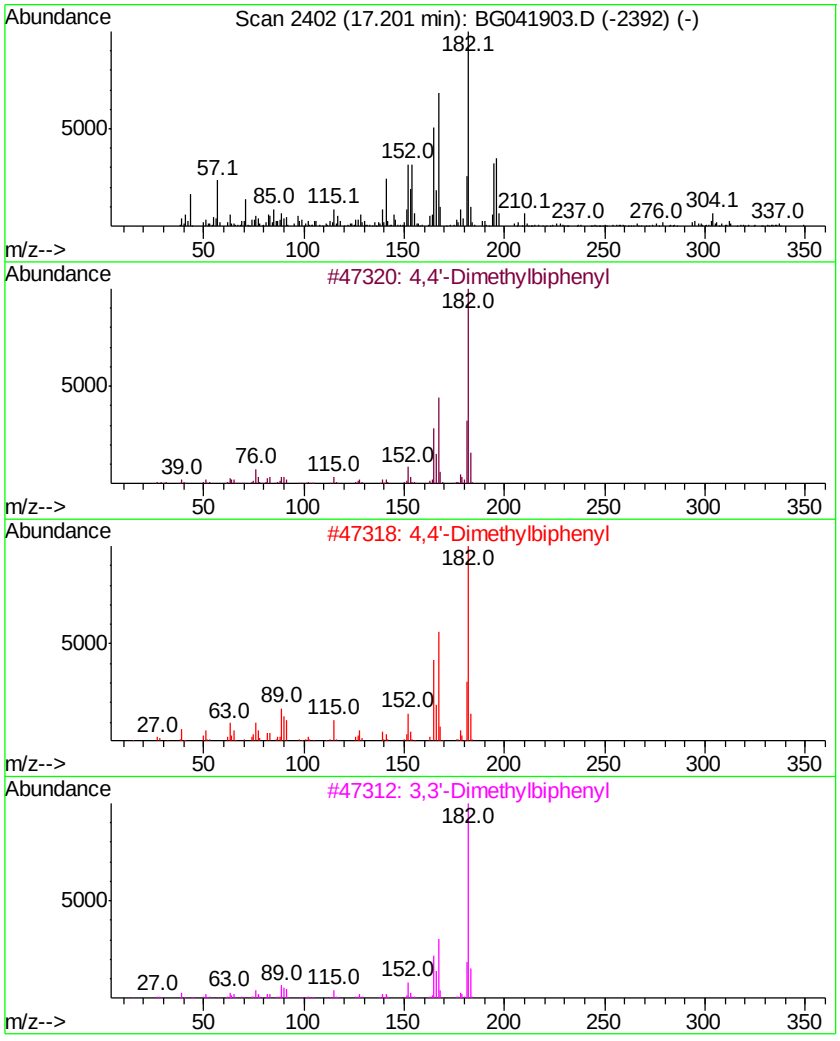
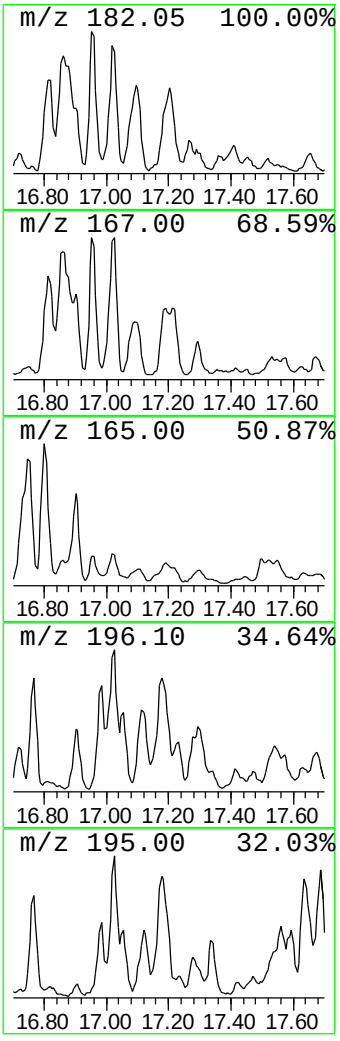
Peak Number 27 4,4'-Dimethylbiphenyl Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	13.73 ng/ul	879802	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	83
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	53
4	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	49
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	46





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Sample : K3850-08
Misc :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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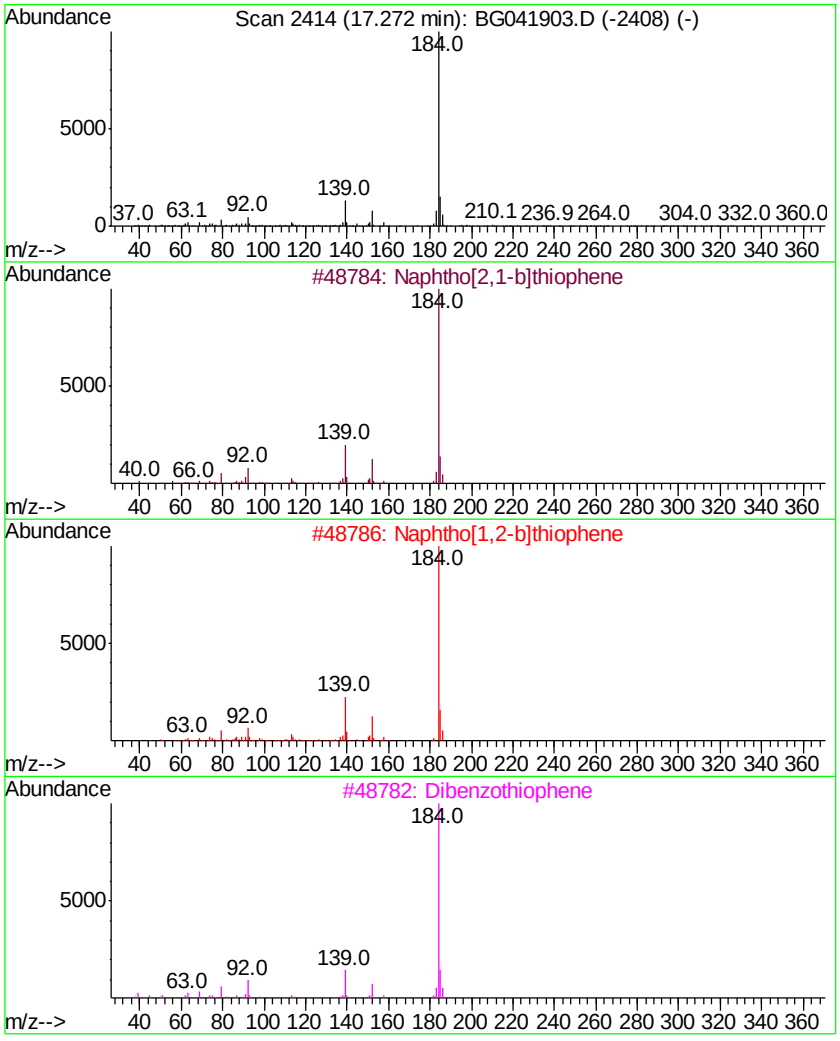
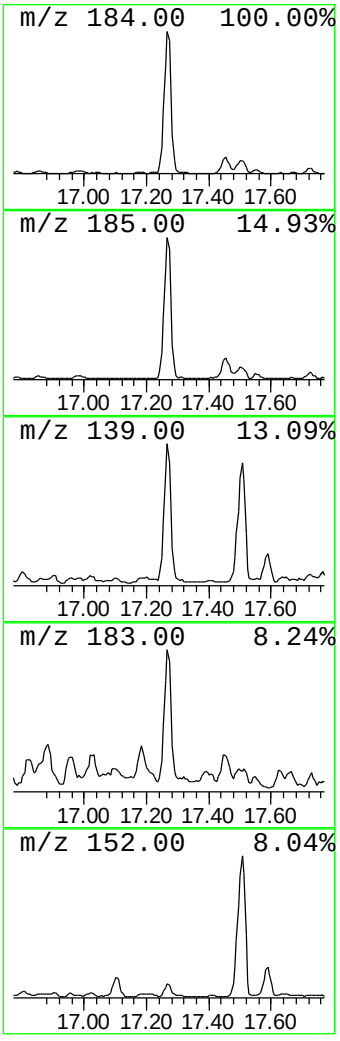
Peak Number 28 Naphtho[2,1-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	28.99 ng/ul	1857880	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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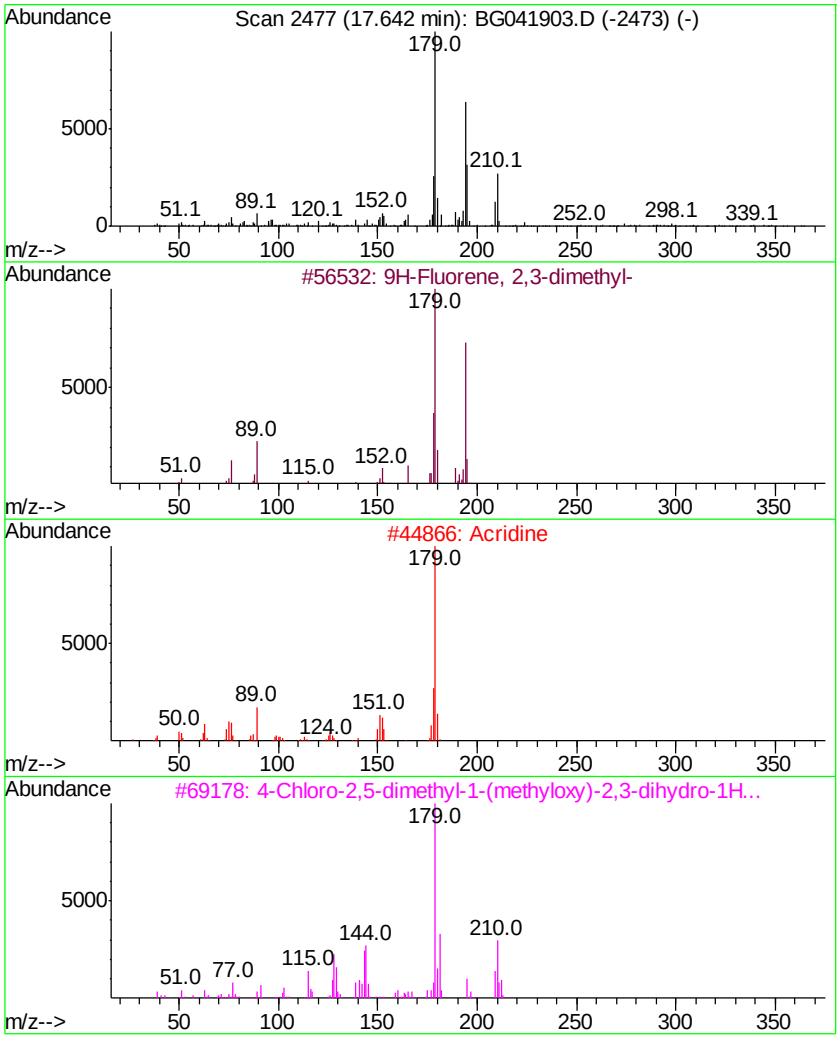
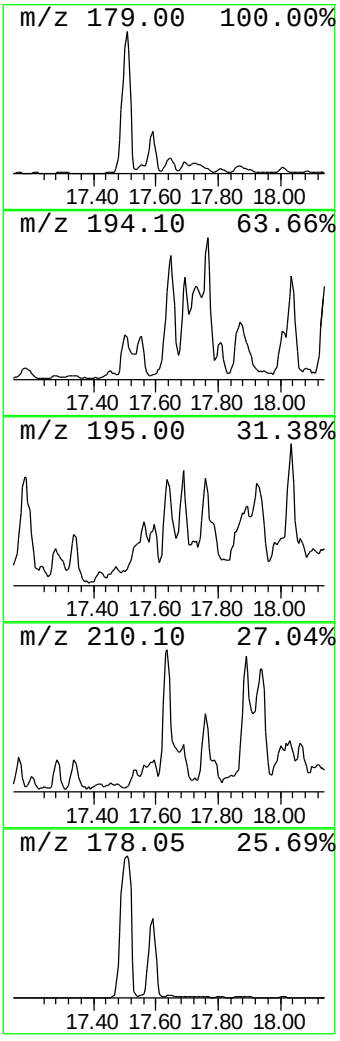
Peak Number 29 9H-Fluorene, 2,3-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	8.63 ng/ul	553269	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	68
2	Acridine	179	C13H9N	000260-94-6	50
3	4-Chloro-2,5-dimethyl-1-(methylo...	210	C12H15ClO	1000305-63-5	49
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	46
5	Acridine	179	C13H9N	000260-94-6	46





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Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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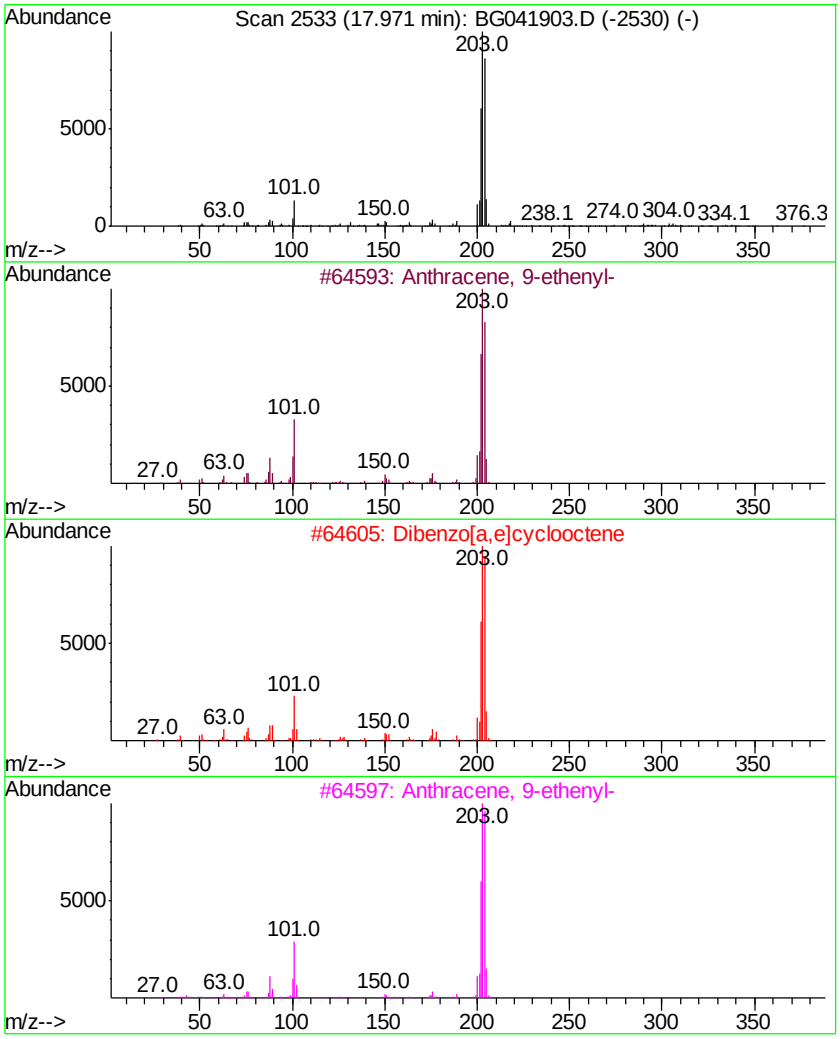
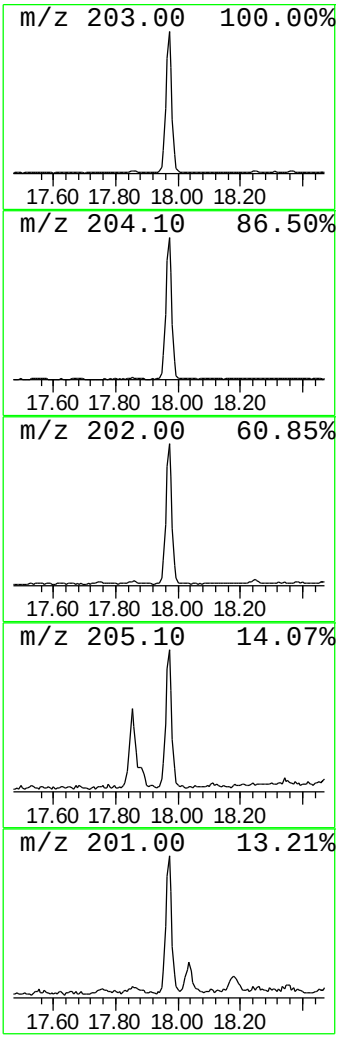
Peak Number 30 Anthracene, 9-ethenyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	6.20 ng/ul	397299	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	95
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	78
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
5	2-Fluoro-4-bromobenzaldehyde	202	C7H4BrFO	057848-46-1	72





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Acq On : 3 Aug 2019 10:48
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Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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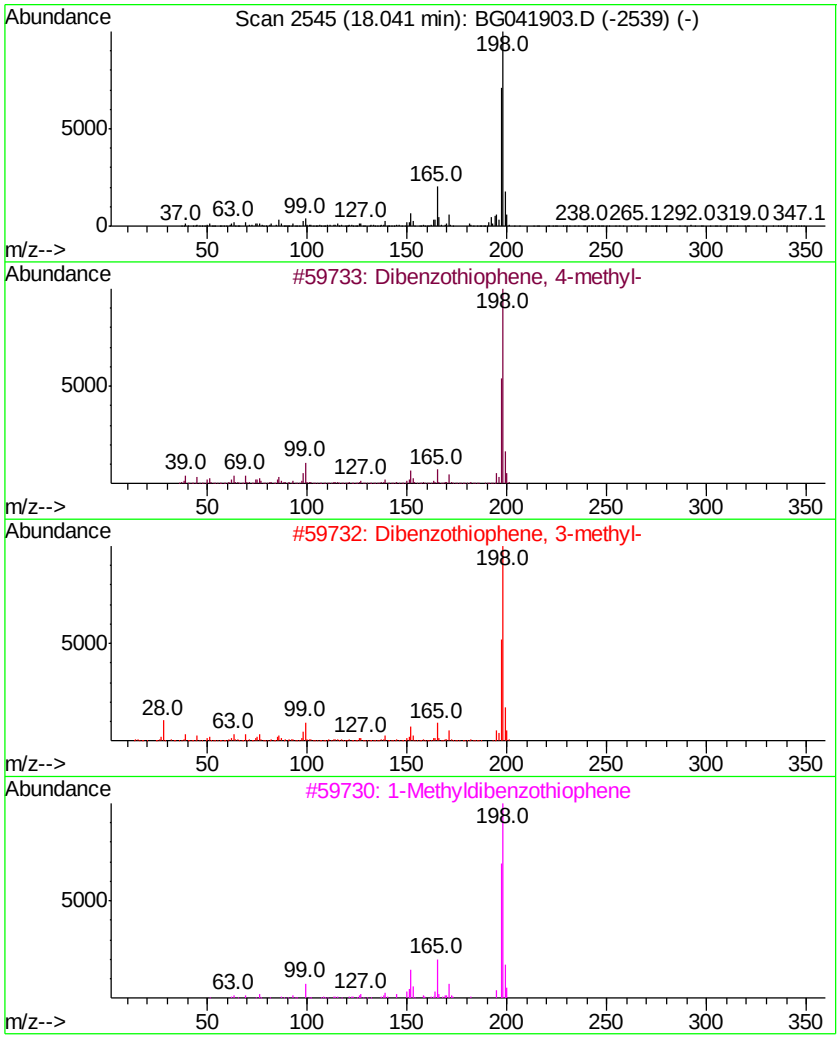
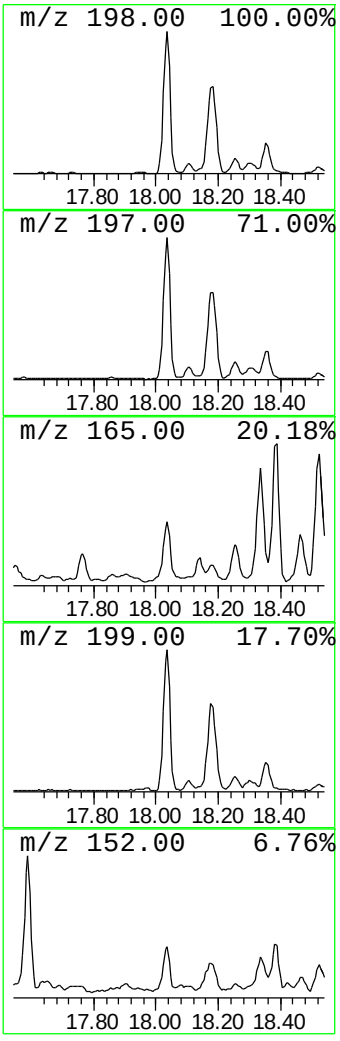
Peak Number 31 Dibenzothiophene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	30.02 ng/ul	1923880	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	86
4	Tacrine	198	C13H14N2	000321-64-2	72
5	Thioxanthene	198	C13H10S	000261-31-4	62





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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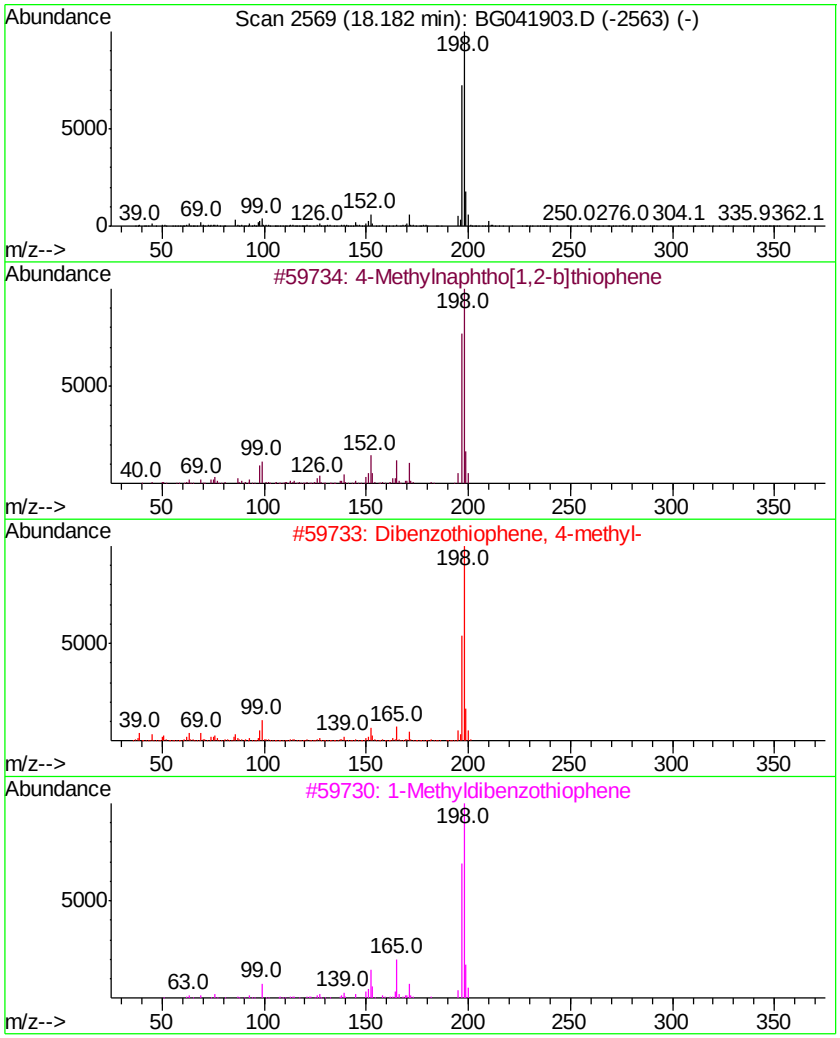
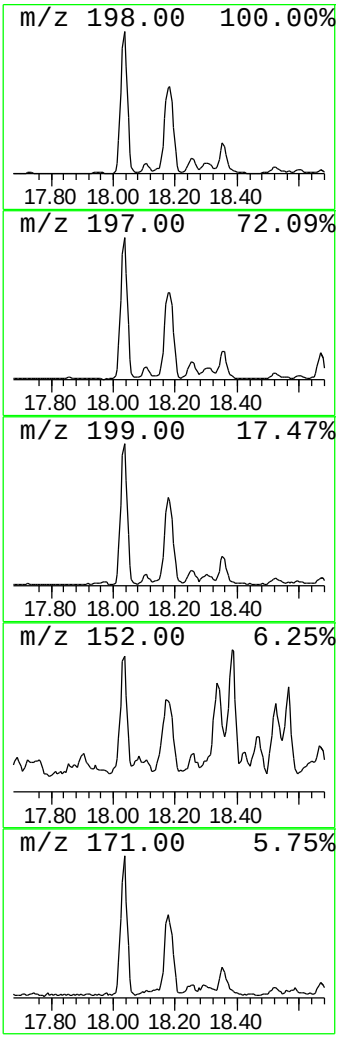
Peak Number 32 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	21.23 ng/ul	1360400	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	95
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	86
4	Tacrine	198	C13H14N2	000321-64-2	80
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	78





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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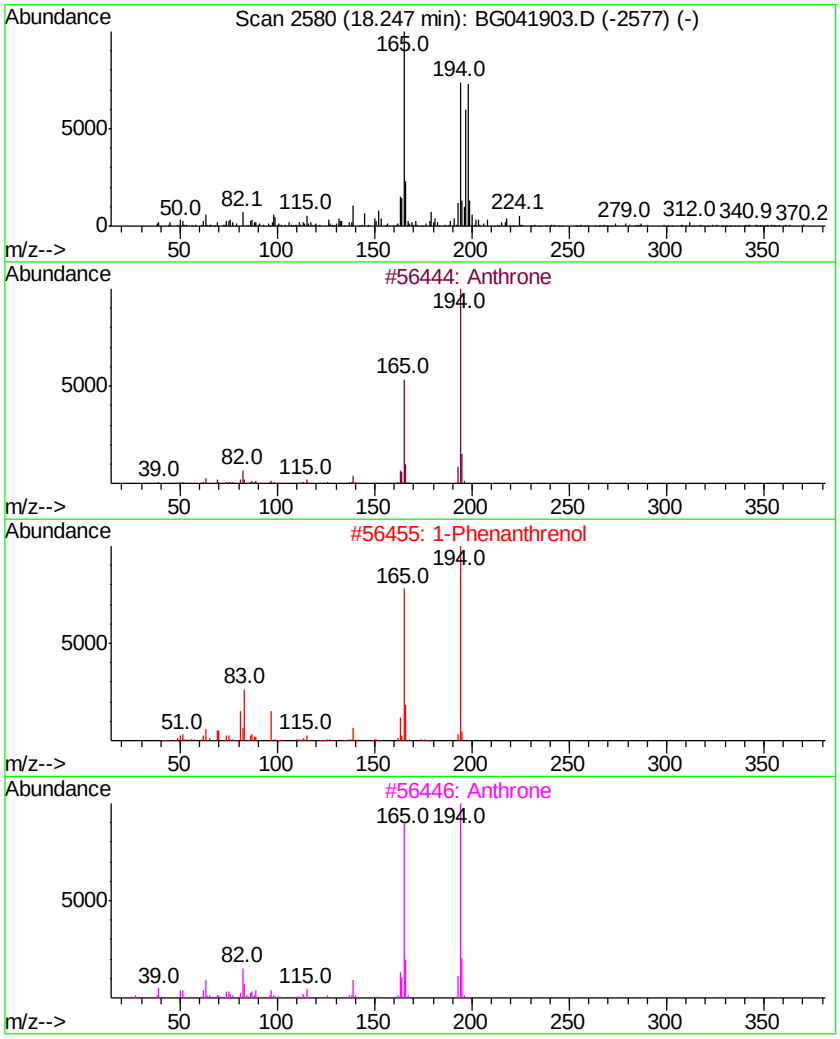
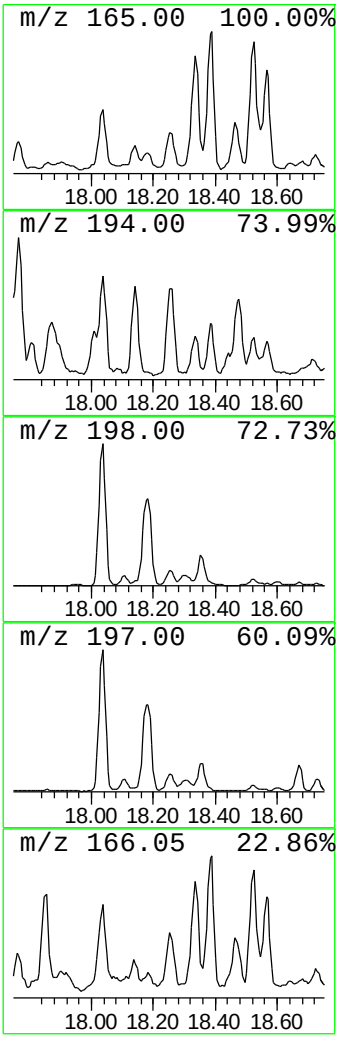
Peak Number 33 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	6.86 ng/ul	439725	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	49
2	1-Phenanthrenol	194	C14H10O	002433-56-9	49
3	Anthrone	194	C14H10O	000090-44-8	49
4	1-Phenanthrenol	194	C14H10O	002433-56-9	49
5	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	46





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Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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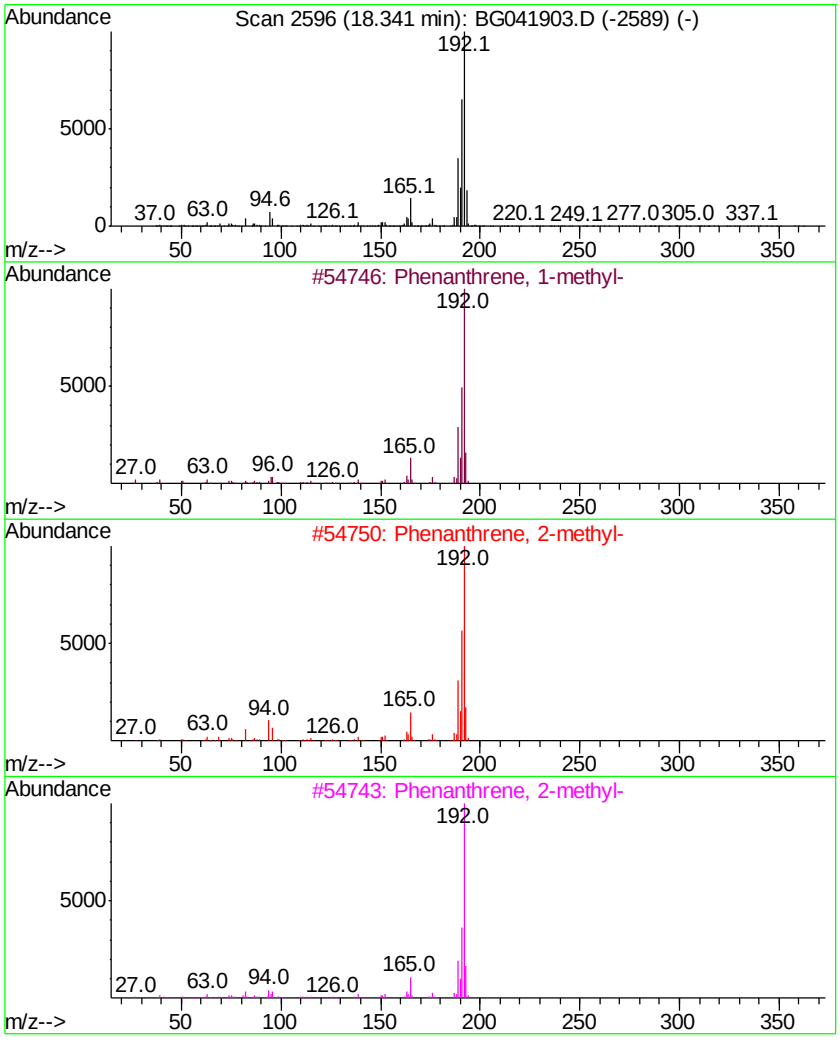
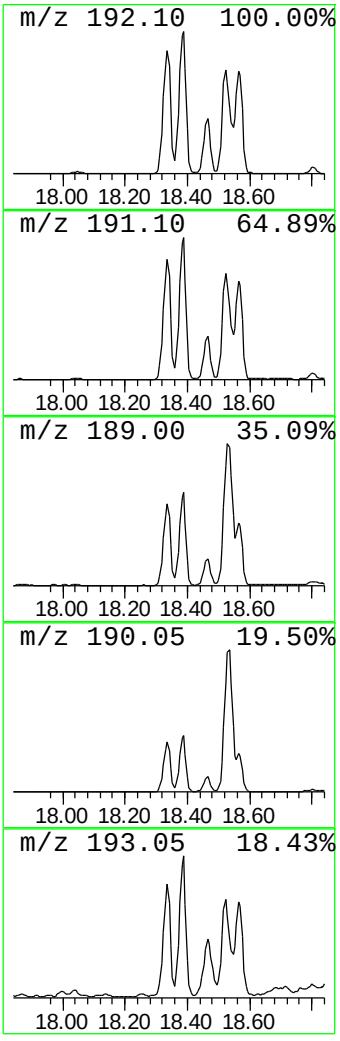
Peak Number 34 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	92.70 ng/ul	5940790	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041903.D
Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

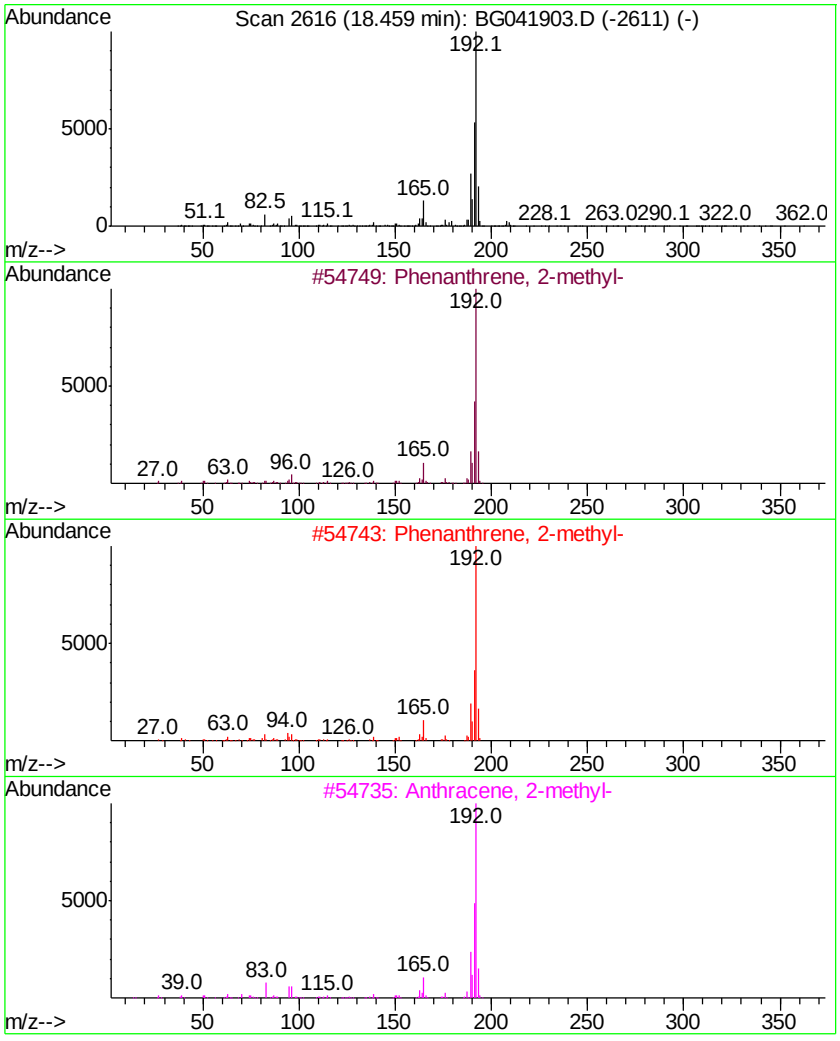
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

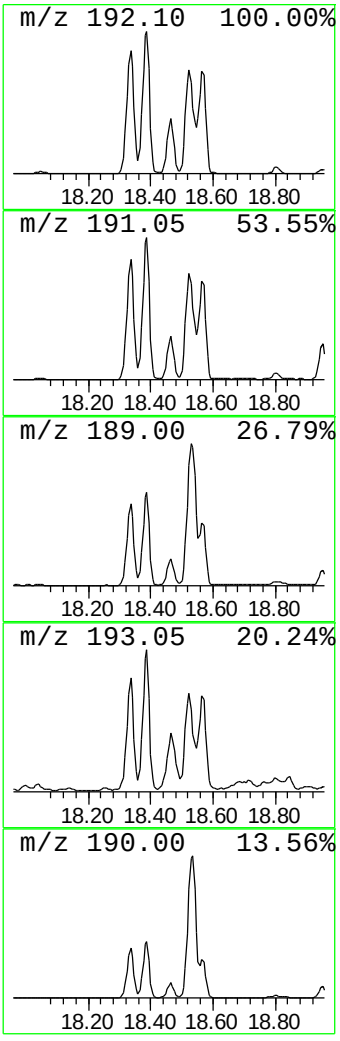
****

Peak Number 36 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	37.48 ng/ul	2401980	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041903.D
Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

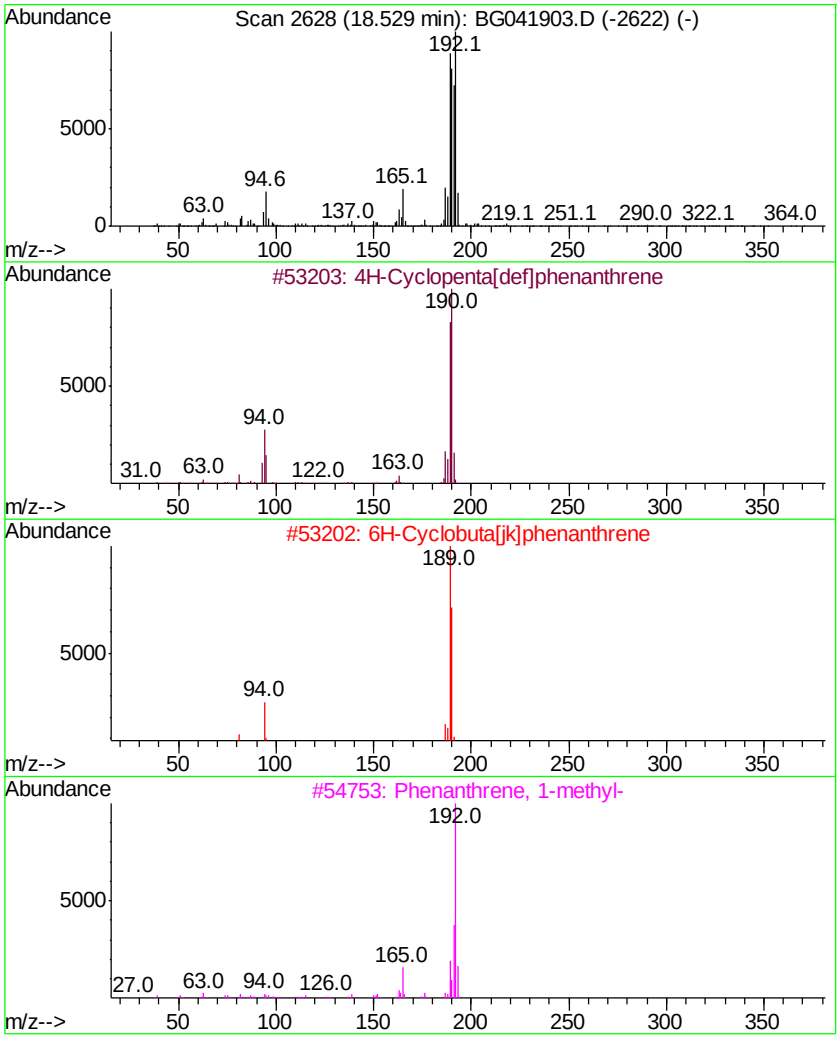
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

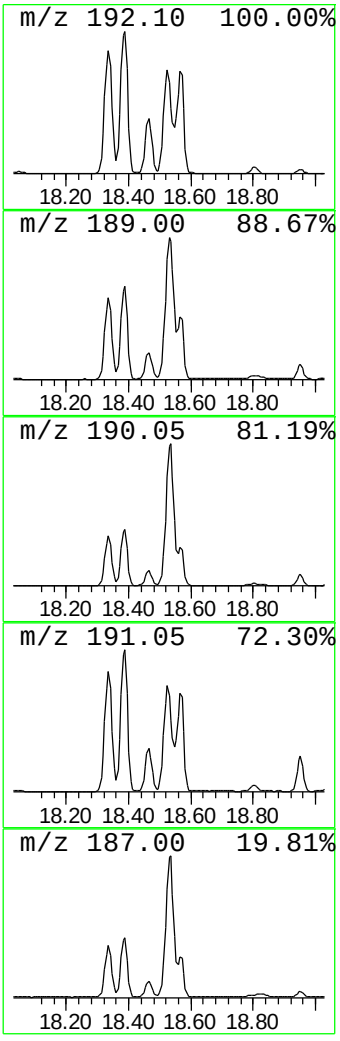
****

Peak Number 37 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	128.36 ng/ul	8226010	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041903.D
Acq On : 3 Aug 2019 10:48
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	19.6	ng/ul	645389	1	8.04	657125	20.0
Naphthalene, 1-me...	12.74	27.3	ng/ul	1385380	2	10.86	1013580	20.0
Naphthalene, 1-et...	13.72	12.2	ng/ul	1085940	3	14.70	1778880	20.0
Naphthalene, 2,6-...	13.88	14.6	ng/ul	1294080	3	14.70	1778880	20.0
Naphthalene, 1,7-...	14.02	16.9	ng/ul	1501070	3	14.70	1778880	20.0
Naphthalene, 2,3-...	14.25	8.6	ng/ul	765624	3	14.70	1778880	20.0
Naphthalene, 1,4,...	14.90	12.3	ng/ul	1094810	3	14.70	1778880	20.0
1-Isopropenylnaph...	15.00	10.4	ng/ul	929834	3	14.70	1778880	20.0
Naphthalene, 2,3,...	15.17	6.5	ng/ul	580525	3	14.70	1778880	20.0
Naphthalene, 1,6,...	15.32	5.2	ng/ul	459291	3	14.70	1778880	20.0
Benzene, [1-(2,4-...	15.84	8.2	ng/ul	728588	3	14.70	1778880	20.0
1,1'-Biphenyl, 2-...	15.91	9.8	ng/ul	874961	3	14.70	1778880	20.0
Dibenzofuran, 4-m...	16.19	6.6	ng/ul	424970	4	17.45	1281670	20.0
Naphthalene, 1-me...	16.26	4.2	ng/ul	270313	4	17.45	1281670	20.0
1(2H)-Acenaphthyl...	16.42	13.4	ng/ul	859549	4	17.45	1281670	20.0
9H-Fluorene, 1-me...	16.75	25.0	ng/ul	1604240	4	17.45	1281670	20.0
9H-Fluorene, 3-me...	16.90	10.2	ng/ul	651146	4	17.45	1281670	20.0
1,1'-Biphenyl, 2,...	16.95	7.6	ng/ul	485477	4	17.45	1281670	20.0
3,3'-Dimethylbiph...	17.02	6.7	ng/ul	431369	4	17.45	1281670	20.0
9H-Fluoren-9-one	17.10	14.9	ng/ul	957075	4	17.45	1281670	20.0
4,4'-Dimethylbiph...	17.20	13.7	ng/ul	879802	4	17.45	1281670	20.0
Naphtho[2,1-b]thi...	17.27	29.0	ng/ul	1857880	4	17.45	1281670	20.0
9H-Fluorene, 2,3-...	17.64	8.6	ng/ul	553269	4	17.45	1281670	20.0
Anthracene, 9-eth...	17.97	6.2	ng/ul	397299	4	17.45	1281670	20.0
Dibenzothiophene,...	18.04	30.0	ng/ul	1923880	4	17.45	1281670	20.0
4-Methylnaphtho[1...	18.18	21.2	ng/ul	1360400	4	17.45	1281670	20.0
unknown-01	18.25	6.9	ng/ul	439725	4	17.45	1281670	20.0
Phenanthrene, 1-m...	18.34	92.7	ng/ul	5940790	4	17.45	1281670	20.0
Phenanthrene, 2-m...	18.46	37.5	ng/ul	2401980	4	17.45	1281670	20.0
4H-Cyclopenta[def...	18.53	128.4	ng/ul	8226010	4	17.45	1281670	20.0