LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041906.D
Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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	3.155	7	11	31	rVB	1608730	2672285	14.14%	1.699%
2	7.180	689	696	714	rVB	199326	388528	2.06%	0.247%
3	7.350	718	725	734	rBV	145746	255234	1.35%	0.162%
4	7.562	749	761	772	rBV	219172	385833	2.04%	0.245%
5	8.038	834	842	853	rBV	319685	552599	2.92%	0.351%
6	8.737	954	961	975	rBV	229594	424182	2.24%	0.270%
7	9.201	1033	1040	1050	rVB	194895	362673	1.92%	0.231%
8	9.929	1156	1164	1172	rBV	179451	328662	1.74%	0.209%
9	10.476	1247	1257	1269	rBV	282786	538882	2.85%	0.343%
10	10.858	1314	1322	1328	rBV	440167	821081	4.34%	0.522%
11	12.521	1596	1605	1615	rVB	123842	210950	1.12%	0.134%
12	12.738	1632	1642	1652	rVB	124274	221684	1.17%	0.141%
13	13.866	1826	1834	1841	rBV4	92782	246093	1.30%	0.156%
14	14.013	1853	1859	1864	rBV	181810	328412	1.74%	0.209%
15	14.095	1864	1873	1877	rVV	506181	939983	4.97%	0.598%
16	14.142	1877	1881	1886	rVV	186937	274416	1.45%	0.174%
17	14.389	1916	1923	1939	rVB	618549	1144950	6.06%	0.728%
18	14.694	1964	1975	1981	rVV2	755830	1255901	6.65%	0.798%
19	14.759	1981	1986	1993	rVV	365542	618438	3.27%	0.393%
20	14.877	2000	2006	2019	rVV2	145615	521113	2.76%	0.331%
21	15.000	2020	2027	2033	rVV2	97056	248756	1.32%	0.158%
22	15.094	2036	2043	2050	rVV	171285	354522	1.88%	0.225%
23	15.170	2050	2056	2062	rVV	119634	197647	1.05%	0.126%
24	15.488	2101	2110	2118	rBV5	95128	306353	1.62%	0.195%
25	15.687	2135	2144	2149	rVV	803968	1319448	6.98%	0.839%
26	15.740	2149	2153	2159	rVV	330161	524047	2.77%	0.333%
27	15.805	2159	2164	2167	rVV2	169764	296065	1.57%	0.188%
28	15.834	2167	2169	2172	rVV2	117863	187618	0.99%	0.119%
29	15.870	2172	2175	2178	rVV2	177009	260622	1.38%	0.166%
30	15.911	2178	2182	2186	rVV3	157484	276768	1.46%	0.176%
31	15.958	2186	2190	2193	rVV	130287	207223	1.10%	0.132%
32	16.034	2200	2203	2212	rVB2	110162	275746	1.46%	0.175%
33	16.416	2260	2268	2275	rVB6	157464	339074	1.79%	0.216%
34	16.751	2316	2325	2329	rBV3	175597	404730	2.14%	0.257%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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	16.798	2329	2333	2338	rVV2	139939	221987	1.17%	0.141%
36	17.098	2379	2384	2391	rVB2	197099	327731	1.73%	0.208%
37	17.262	2407	2412	2419	rBV	287398	472793	2.50%	0.301%
38	17.450	2438	2444	2447	rVV2	772907	1352354	7.16%	0.860%
39	17.491	2447	2451	2456	rVV	3345929	5223816	27.64%	3.321%
40	17.544	2456	2460	2463	rVV	833744	1320799	6.99%	0.840%
41	17.579	2463	2466	2471	rVV	898684	1303675	6.90%	0.829%
42	17.632	2471	2475	2481	rVV4	137616	322073	1.70%	0.205%
43	17.850	2507	2512	2515	rBV	126411	218833	1.16%	0.139%
44	18.032	2538	2543	2552	rVB2	573539	946899	5.01%	0.602%
45	18.173	2562	2567	2573	rVB	251212	455048	2.41%	0.289%
46	18.331	2588	2594	2598	rVV	1307219	2567134	13.58%	1.632%
47	18.378	2598	2602	2605	rVV	1590411	2358239	12.48%	1.499%
48	18.414	2605	2608	2612	rVV	1288388	1624773	8.60%	1.033%
49	18.455	2612	2615	2620	rVV	521807	715934	3.79%	0.455%
50	18.519	2620	2626	2630	rVV2	1765350	3362293	17.79%	2.137%
51	18.561	2630	2633	2640	rVB	1096946	1592817	8.43%	1.013%
52	18.637	2641	2646	2649	rBV3	143139	244668	1.29%	0.156%
53	18.725	2657	2661	2665	rBV2	202001	288376	1.53%	0.183%
54	18.819	2670	2677	2681	rVV	736781	1314964	6.96%	0.836%
55	18.860	2681	2684	2694	rVB2	621539	1185908	6.28%	0.754%
56	18.948	2695	2699	2702	rBV	267210	397142	2.10%	0.252%
57	19.042	2711	2715	2716	rBV	218414	262558	1.39%	0.167%
58	19.066	2716	2719	2724	rVV	535791	771262	4.08%	0.490%
59	19.119	2724	2728	2731	rVV	375880	488614	2.59%	0.311%
60	19.154	2731	2734	2739	rVB2	324921	468618	2.48%	0.298%
61	19.242	2743	2749	2753	rBV	1213318	2097542	11.10%	1.333%
62	19.301	2754	2759	2762	rVV3	574103	1254971	6.64%	0.798%
63	19.330	2762	2764	2768	rVB	402433	466898	2.47%	0.297%
64	19.377	2768	2772	2779	rBV2	705487	1371040	7.26%	0.872%
65	19.506	2788	2794	2799	rVB	4172918	6341214	33.56%	4.031%
66	19.565	2800	2804	2807	rBV3	288994	424262	2.25%	0.270%
67	19.606	2807	2811	2815	rVB3	389794	582082	3.08%	0.370%
68	19.700	2823	2827	2831	rBV4	280515	391958	2.07%	0.249%
69	19.747	2831	2835	2838	rVV2	349094	475774	2.52%	0.302%
70	19.783	2838	2841	2845	rVB3	230974	308755	1.63%	0.196%
71	19.871	2845	2856	2863	rBV3	5106505	11496666	60.84%	7.308%

LSC Area Percent Report

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Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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	19.935	2863	2867	2873	rVB3	525479	908372	4.81%	0.577%
73	20.094	2891	2894	2901	rVB3	338510	558657	2.96%	0.355%
74	20.194	2904	2911	2920	rBV3	858582	2396463	12.68%	1.523%
75	20.323	2928	2933	2934	rBV3	619345	805005	4.26%	0.512%
76	20.358	2935	2939	2944	rVB	1353415	2124600	11.24%	1.351%
77	20.458	2952	2956	2960	rVB	824458	1090418	5.77%	0.693%
78	20.517	2961	2966	2970	rVV	1290737	1983801	10.50%	1.261%
79	20.552	2970	2972	2976	rVB2	417922	492778	2.61%	0.313%
80	20.640	2983	2987	2993	rBV2	2363821	3692927	19.54%	2.348%
81	20.699	2993	2997	3001	rVB	986427	1314245	6.95%	0.835%
82	21.105	3061	3066	3076	rVB3	2488105	4821467	25.51%	3.065%
83	21.310	3093	3101	3105	rBV3	957463	2231832	11.81%	1.419%
84	21.351	3105	3108	3111	rBV	547016	674529	3.57%	0.429%
85	21.463	3124	3127	3140	rVB	662283	1430542	7.57%	0.909%
86	21.639	3144	3157	3165	rBV	10611340	18897166	100.00%	12.013%
87	21.722	3165	3171	3178	rBV2	3417215	8003475	42.35%	5.088%
88	21.792	3178	3183	3189	rVB	3310868	5673041	30.02%	3.606%
89	21.945	3206	3209	3214	rVB2	967037	1344929	7.12%	0.855%
90	22.009	3216	3220	3224	rBV3	365132	672612	3.56%	0.428%
91	22.180	3240	3249	3252	rBV4	515074	1403104	7.42%	0.892%
92	22.403	3284	3287	3292	rVB2	360982	510968	2.70%	0.325%
93	22.485	3293	3301	3307	rVV	1015351	2321569	12.29%	1.476%
94	22.562	3309	3314	3323	rVB3	1063977	2095239	11.09%	1.332%
95	22.767	3344	3349	3353	rBV	539245	972303	5.15%	0.618%
96	22.861	3361	3365	3370	rBV	1119056	1869877	9.90%	1.189%
97	23.989	3549	3557	3565	rBV3	1575485	5591751	29.59%	3.555%
98	24.483	3634	3641	3649	rVB	1149636	2672753	14.14%	1.699%
99	24.730	3674	3683	3690	rBV	1134475	3247491	17.19%	2.064%
100	24.877	3701	3708	3721	rVB	1655994	4795004	25.37%	3.048%

Sum of corrected areas: 157307906

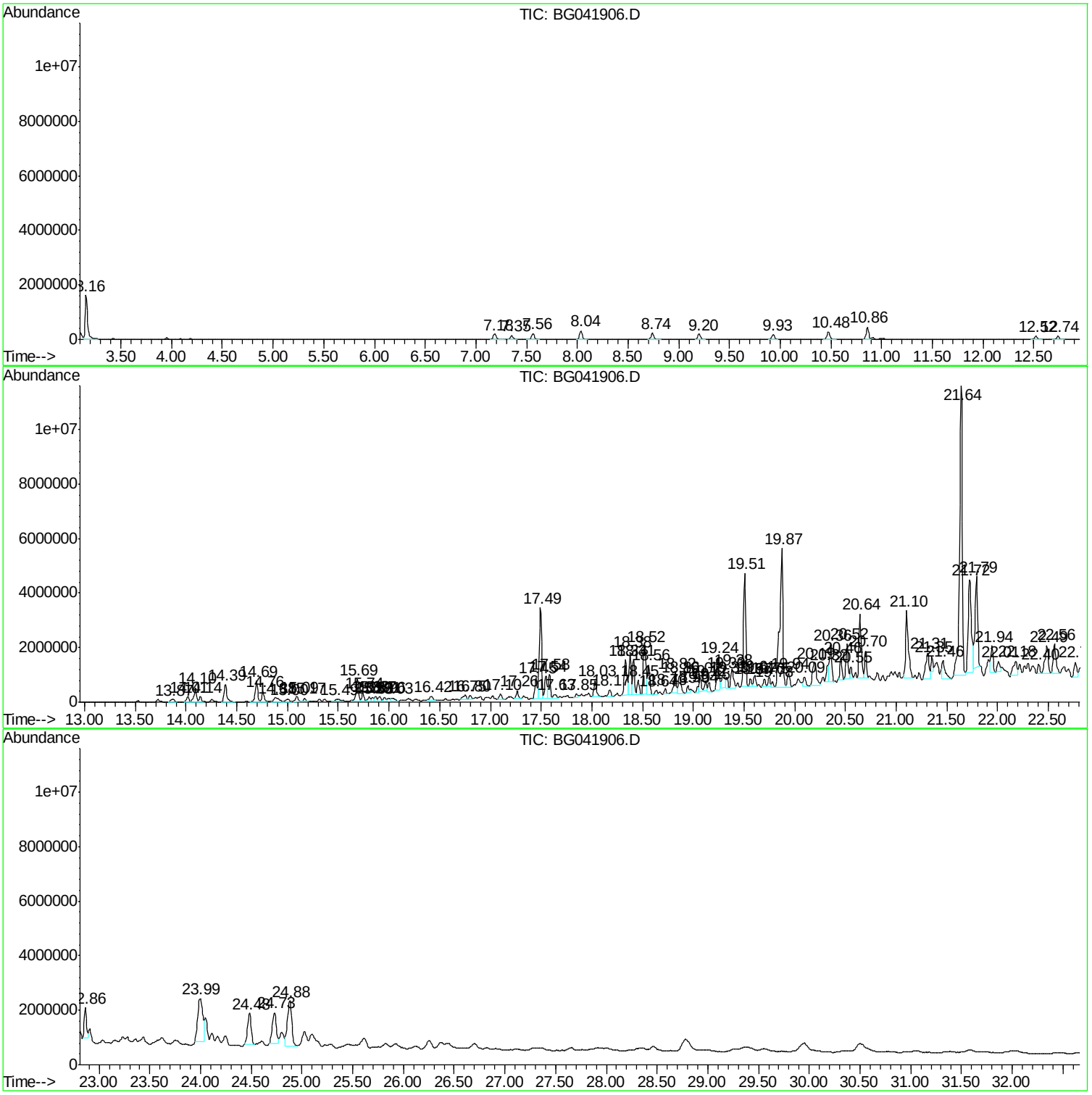
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041906.D
Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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 : BG041906.D
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Misc :
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Instrument : BNA_G
ClientSampleId : BENP4

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

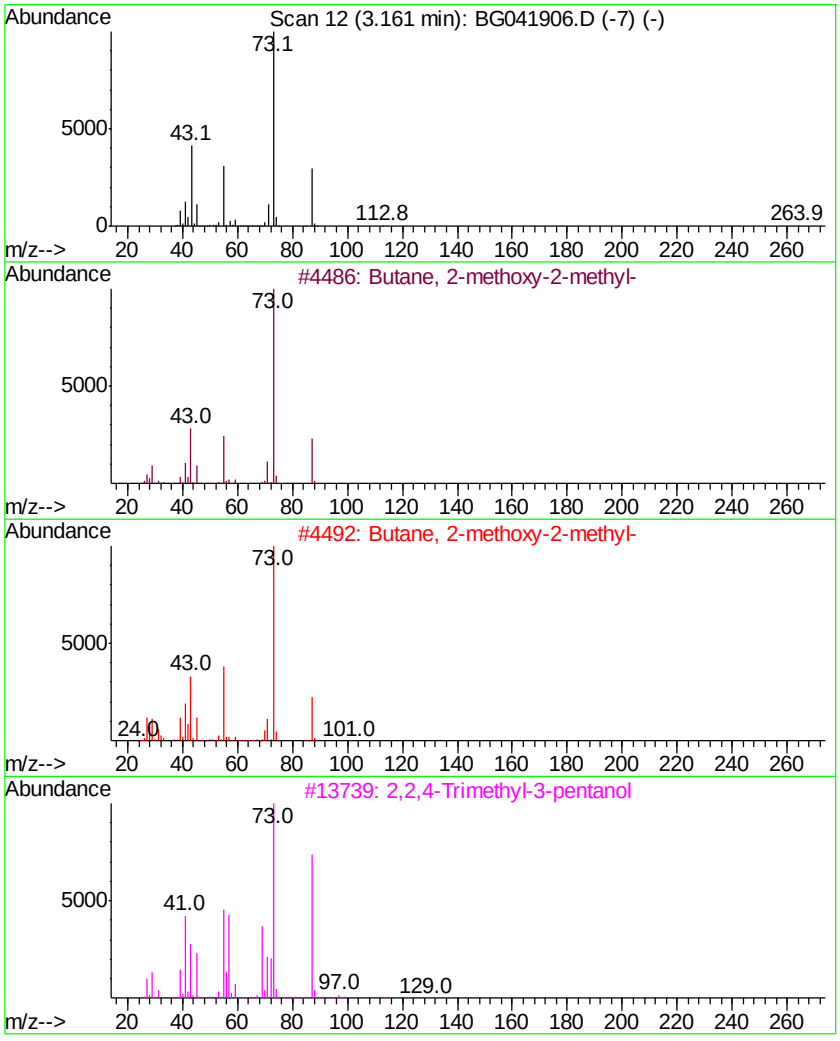
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

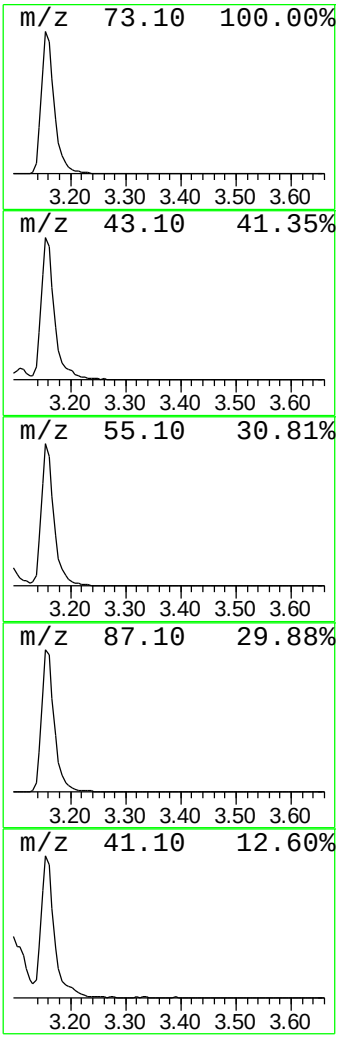
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	96.72 ng/ul	2672290	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041906.D
Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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

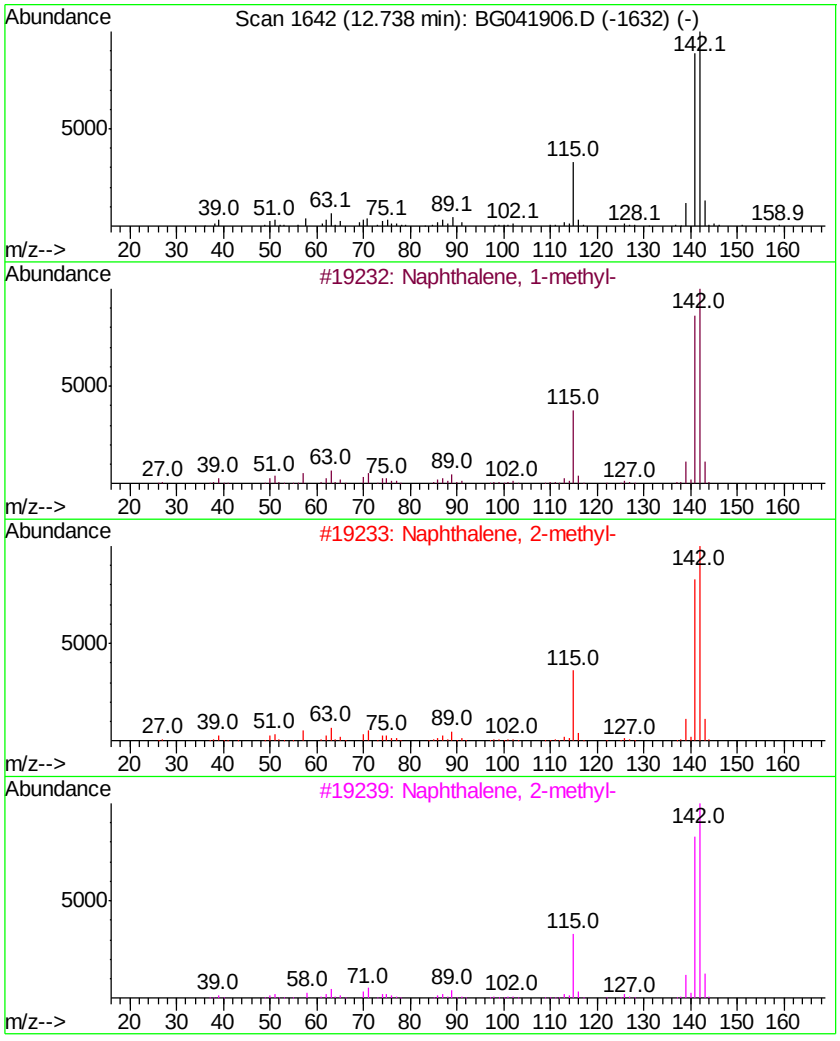
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

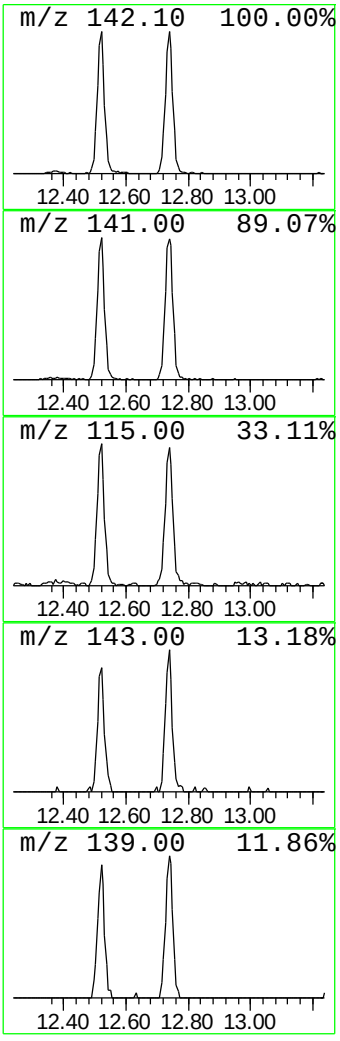
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	5.40 ng/ul	221684	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





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Instrument : BNA_G
ClientSampleId : BENP4

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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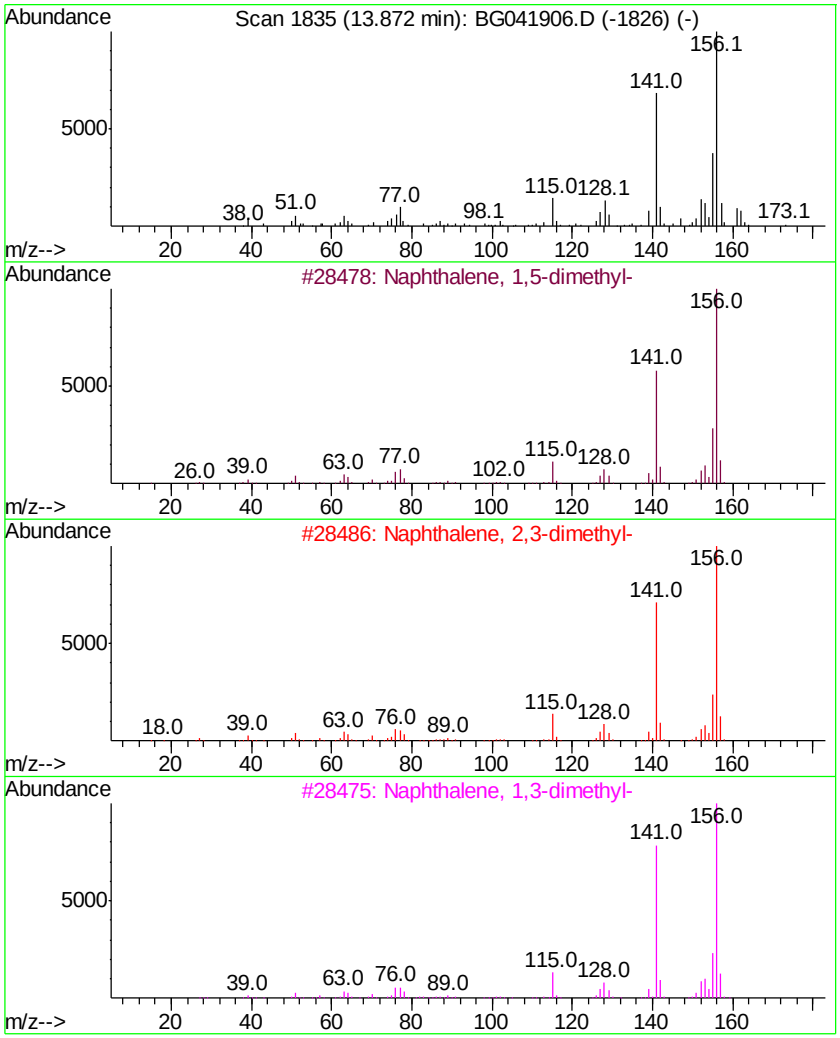
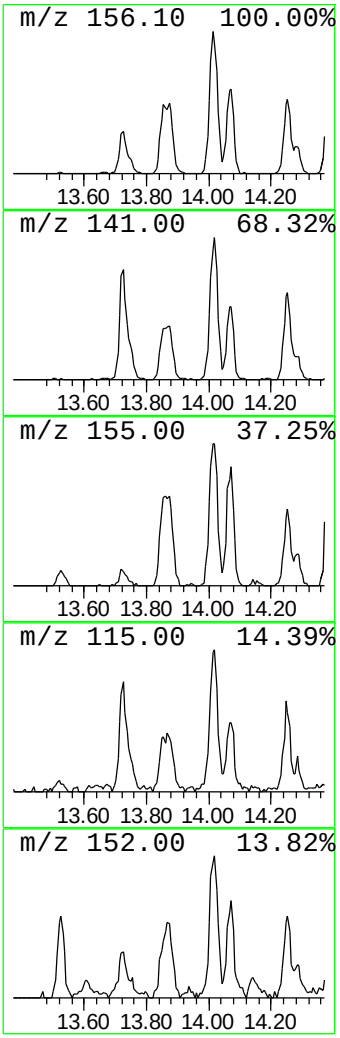
Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.92 ng/ul	246093	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041906.D
Acq On : 3 Aug 2019 12:43
Operator : HP/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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

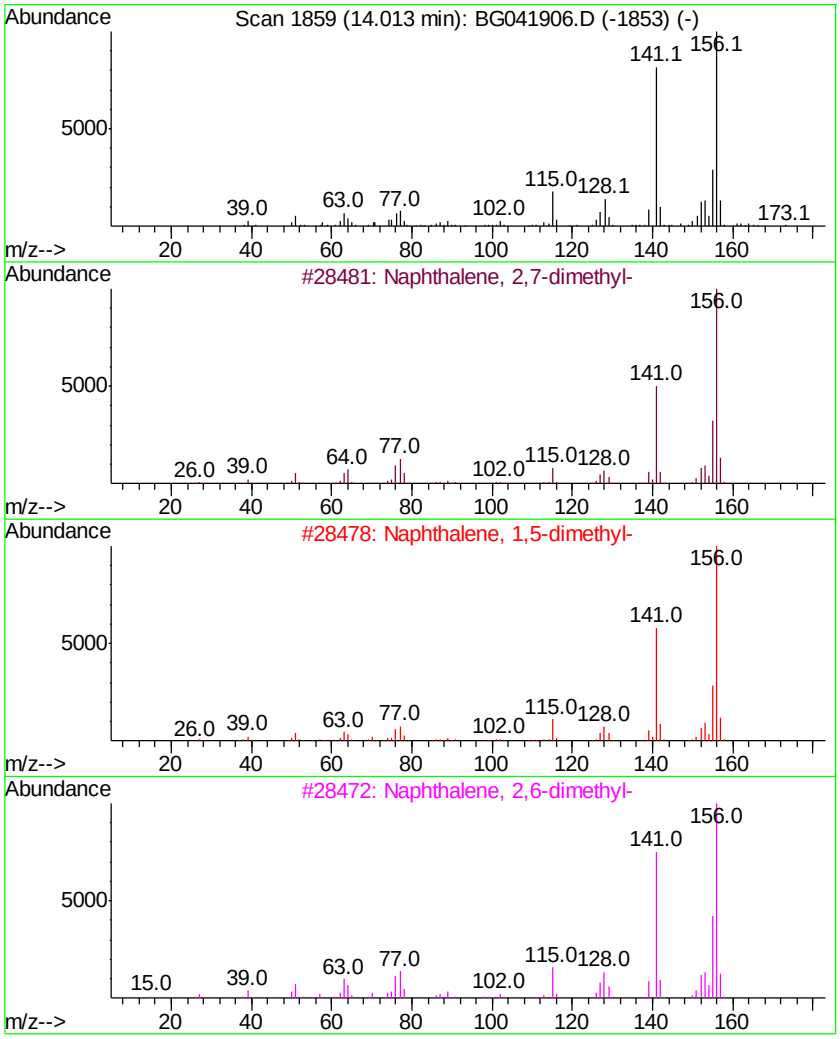
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

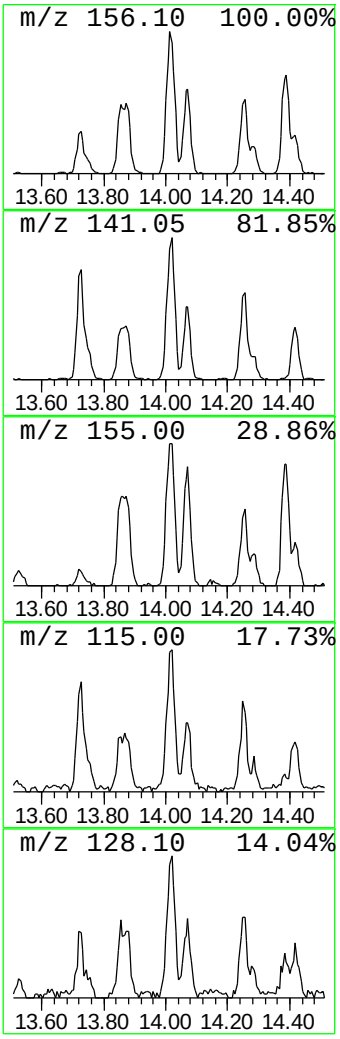
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	5.23 ng/ul	328412	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041906.D
Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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

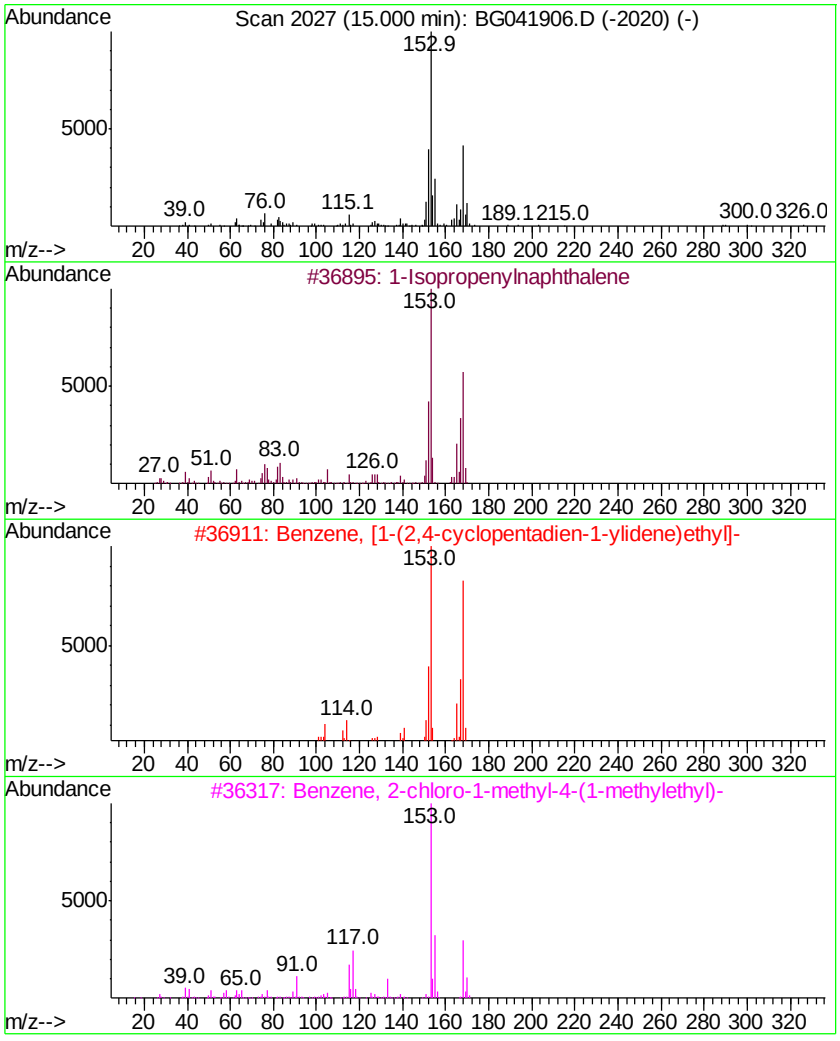
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

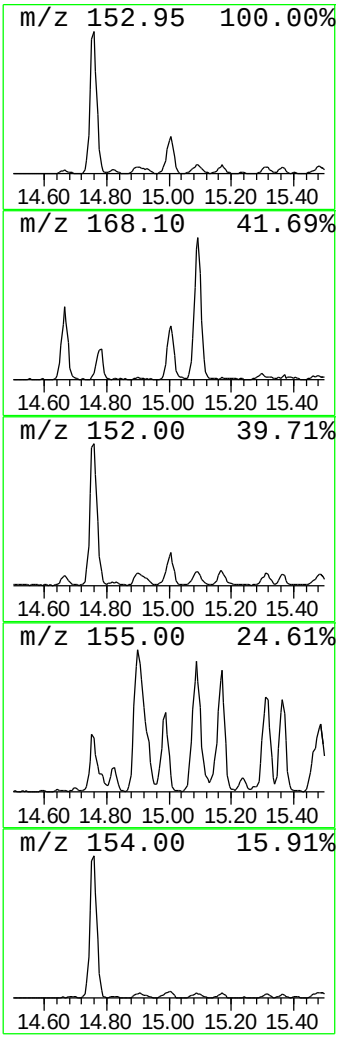
****

Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.96 ng/ul	248756	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	74
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
3	Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	50
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
5	1-Fluoro-1-hex-1-ynyl-2,2-dimeth...	168	C11H17F	1000300-49-2	43





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Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

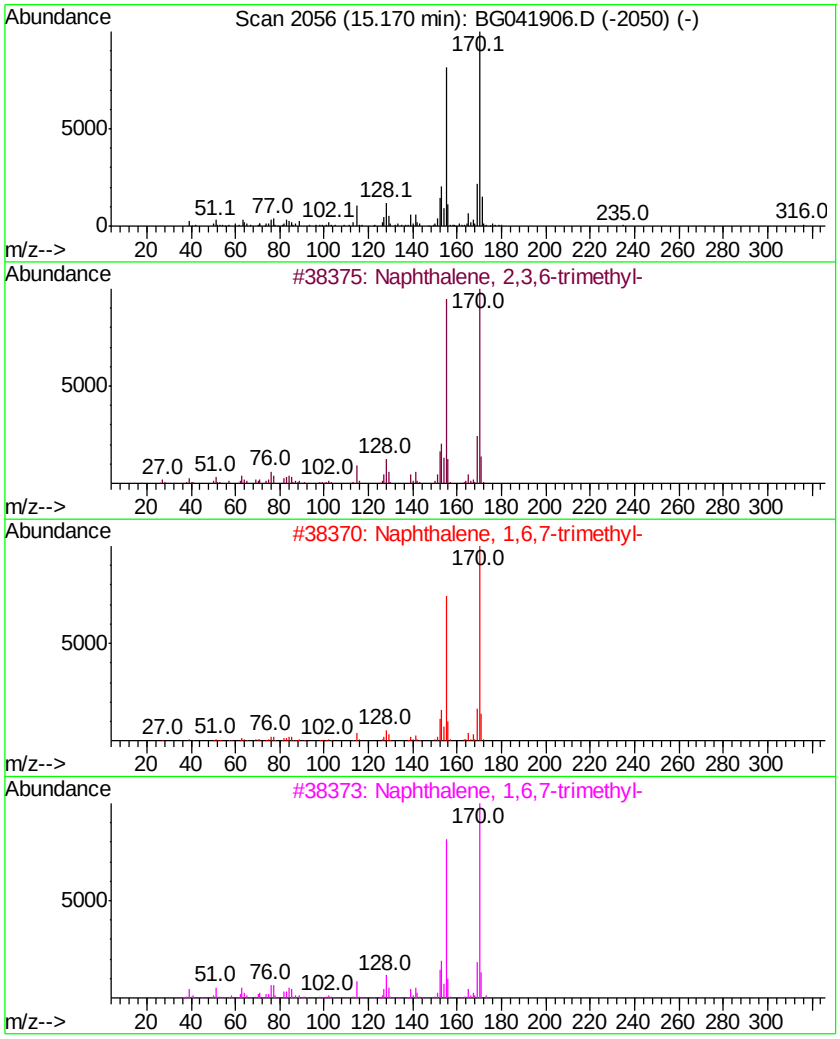
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

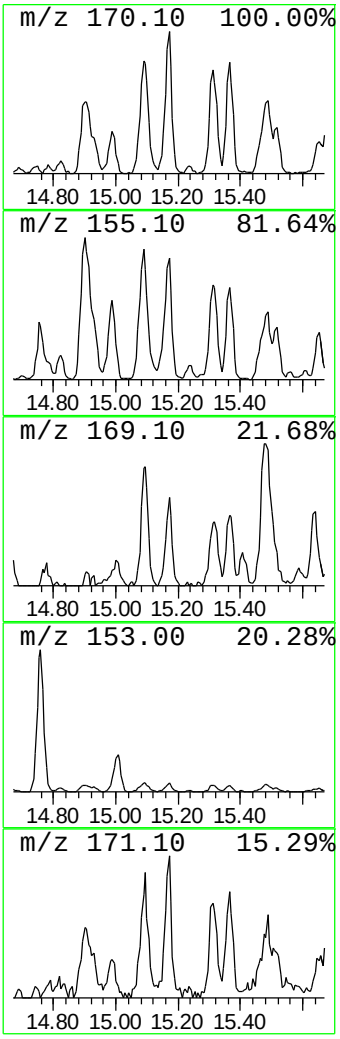
****

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.15 ng/ul	197647	Acenaphthene-d10	14.69

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





Library Search Compound Report

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Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

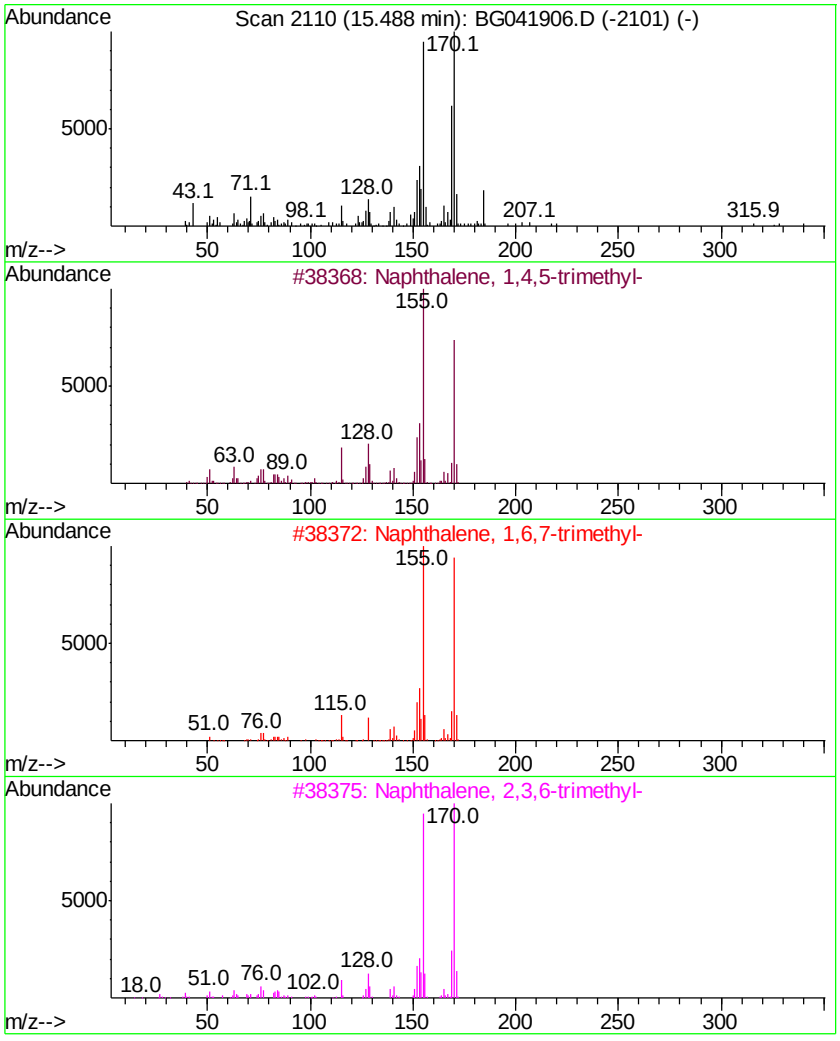
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

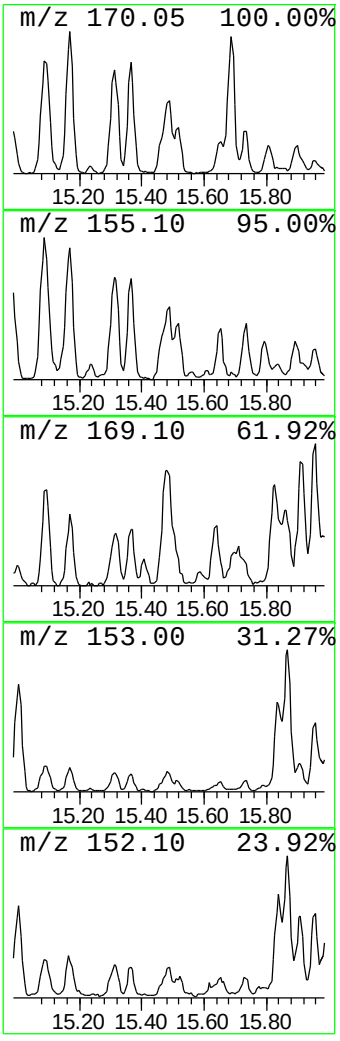
****

Peak Number 7 Naphthalene, 1,4,5-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	4.88 ng/ul	306353	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81





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ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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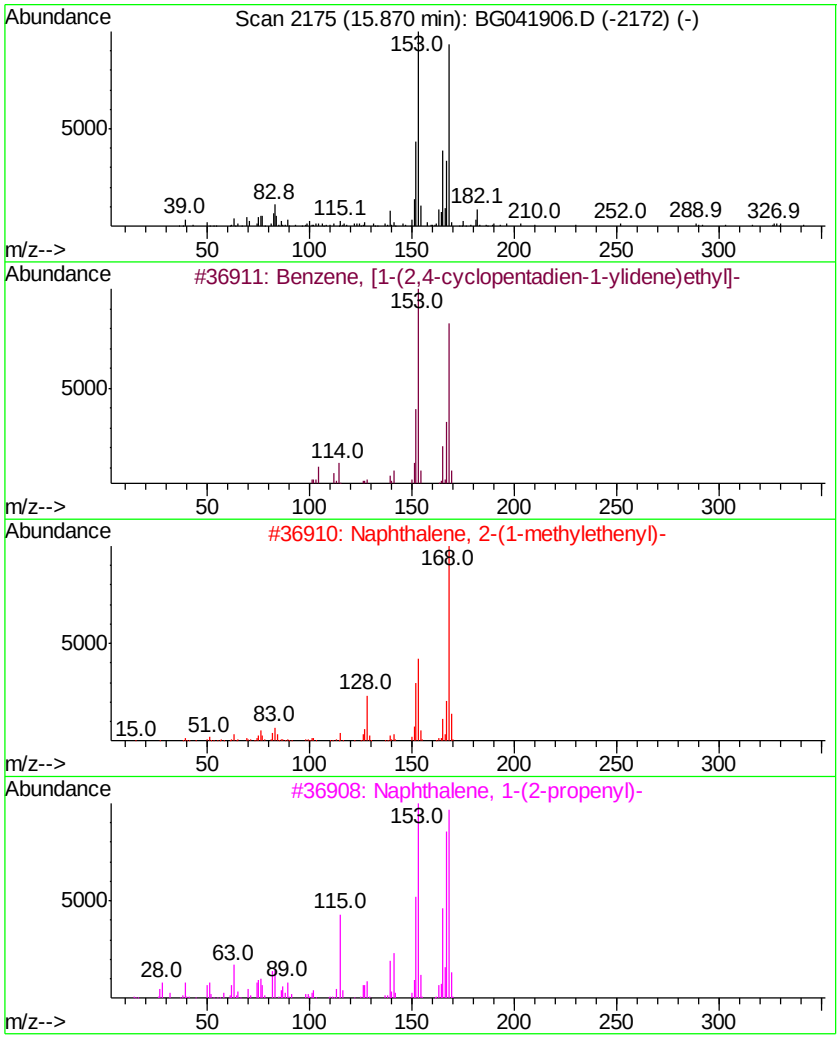
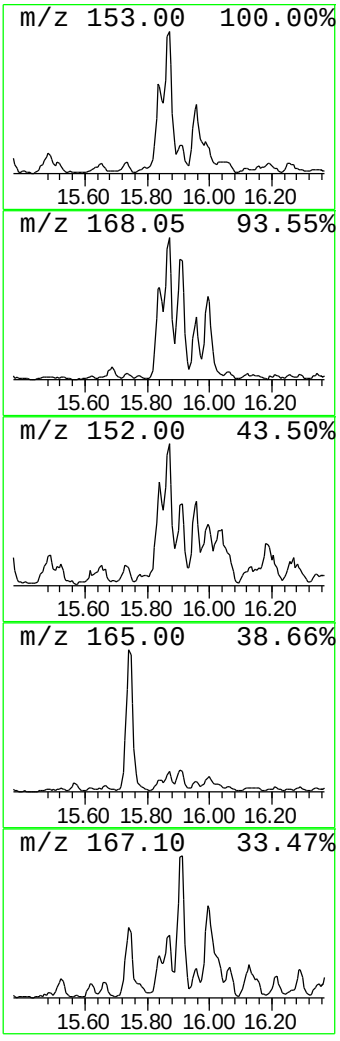
Peak Number 8 Benzene, [1-(2,4-cyclopenta... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	4.15 ng/ul	260622	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	74
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	45
4	1-Methoxy-2-methyl-4-(methylthio...	168	C9H12OS	050390-78-8	43
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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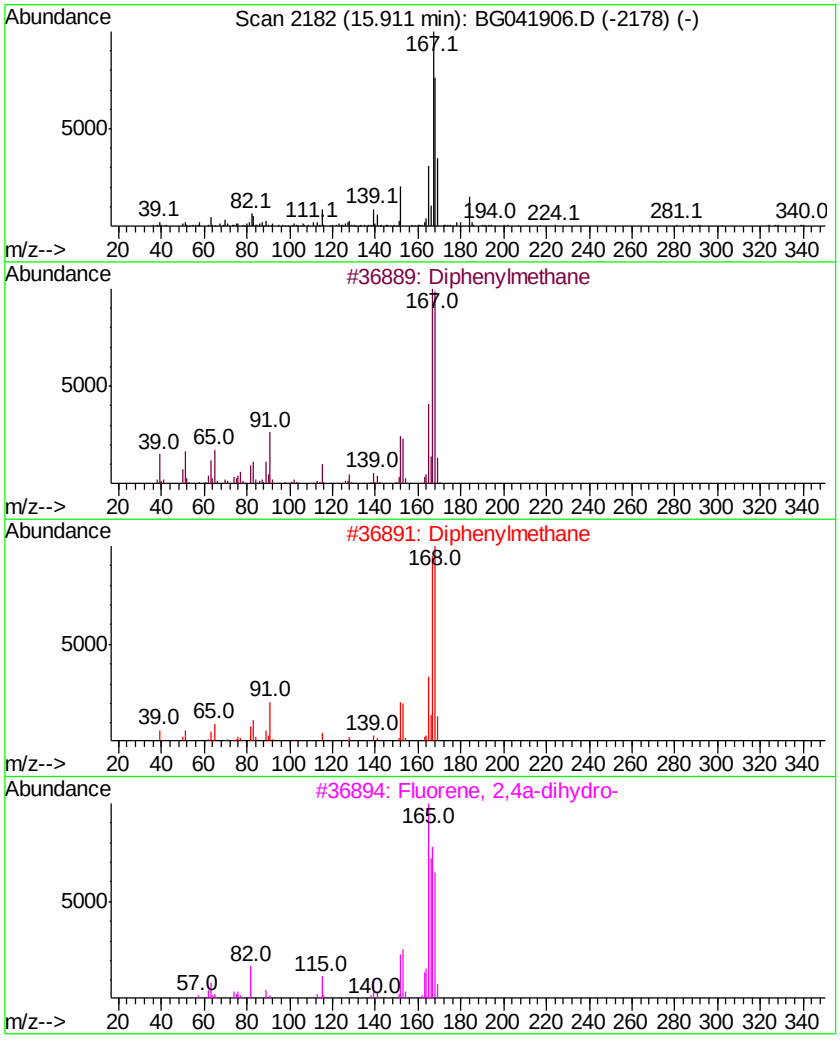
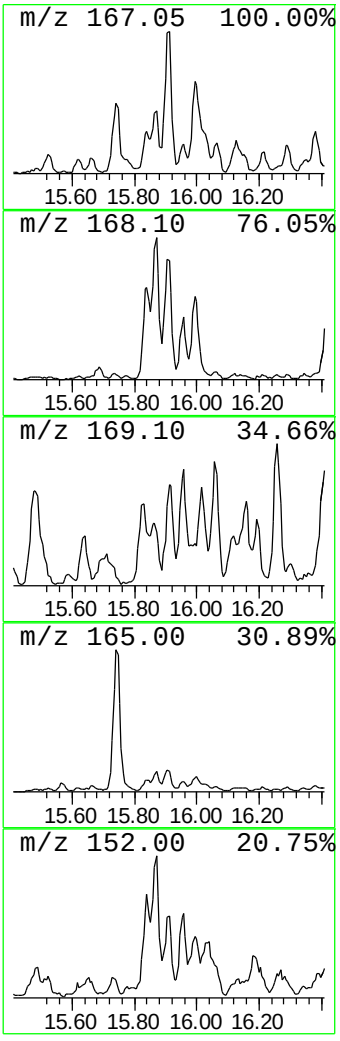
Peak Number 9 Diphenylmethane Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	4.41 ng/ul	276768	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	80
2	Diphenylmethane	168	C13H12	000101-81-5	72
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	64
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	52
5	1,1'-Biphenyl, 4-(chloromethyl)-	202	C13H11Cl	001667-11-4	50





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Instrument : BNA_G
ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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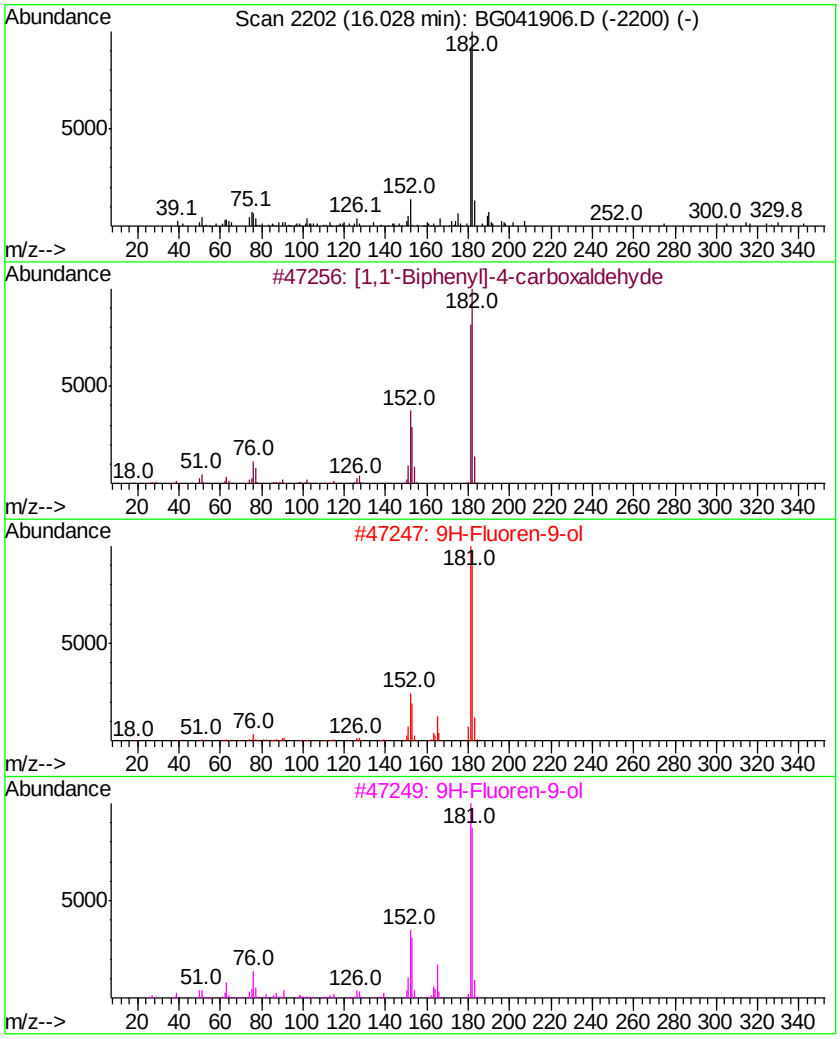
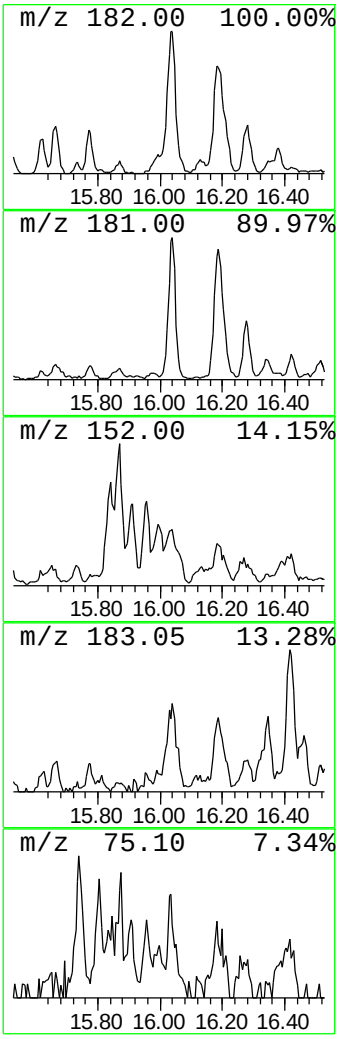
Peak Number 11 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	4.39 ng/ul	275746	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	56
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	56
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	56
4	5-Methylpyrimido[3,4-a]indole	182	C12H10N2	030689-02-2	50
5	9H-Xanthene-9-carboxylic acid, (...	302	C19H14N2O2	1000304-08-3	43





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Instrument : BNA_G
ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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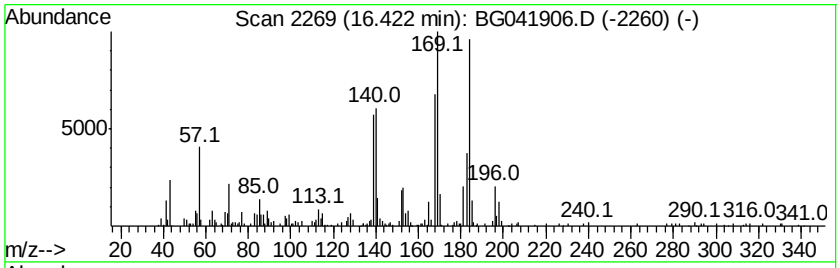
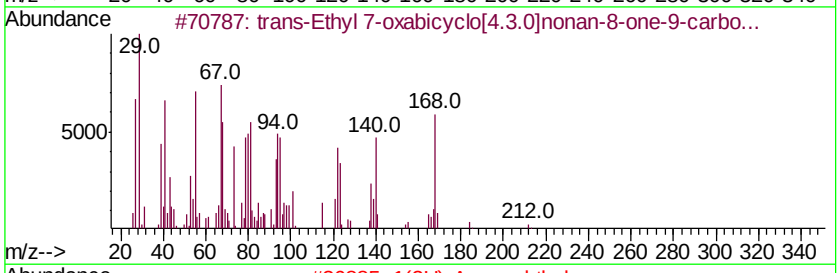
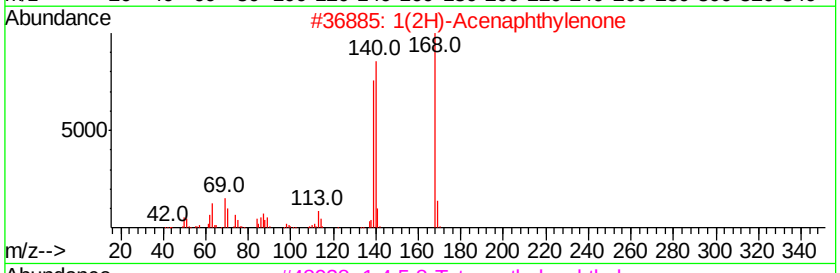
Peak Number 12 trans-Ethyl 7-oxabicyclo[4.... Concentration Rank 31

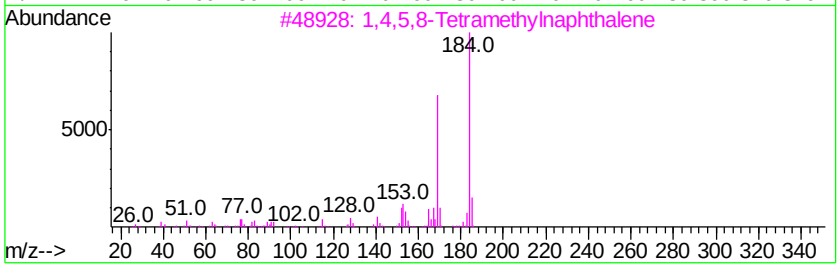
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	5.01 ng/ul	339074	Phenanthrene-d10	17.45

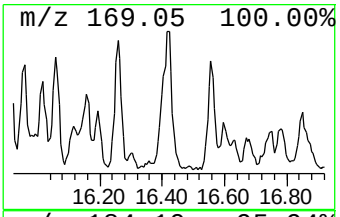
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Ethyl 7-oxabicyclo[4.3.0]n...	212	C11H16O4	042798-05-0	70
2	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	42
4	Chamazulene	184	C14H16	000529-05-5	38
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	38

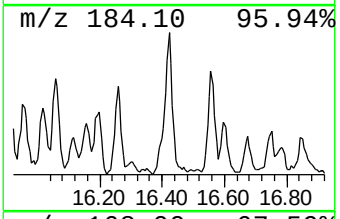


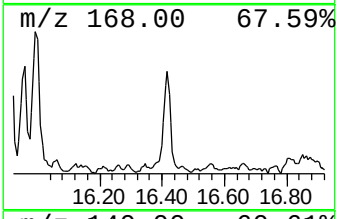


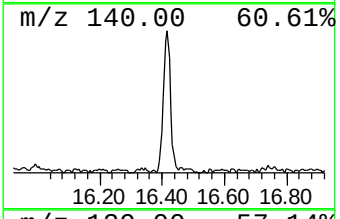


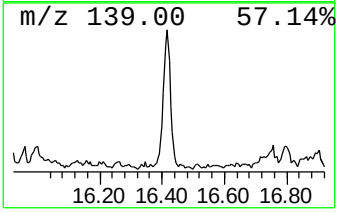












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Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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

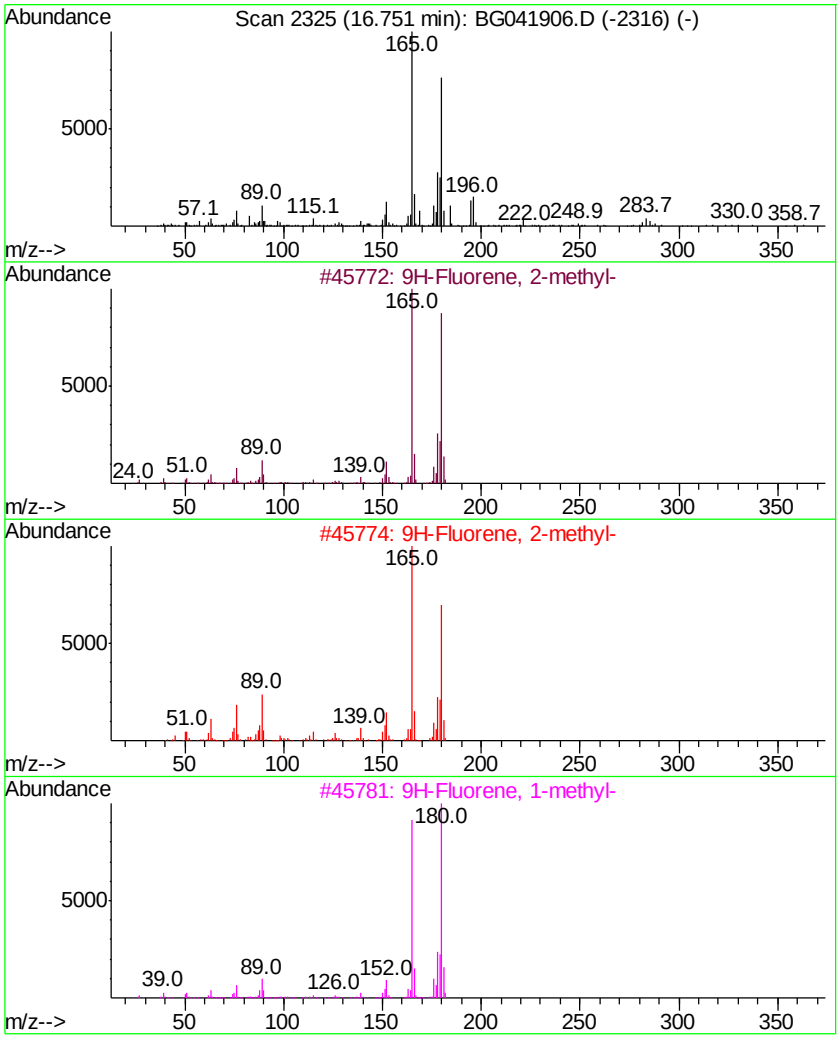
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

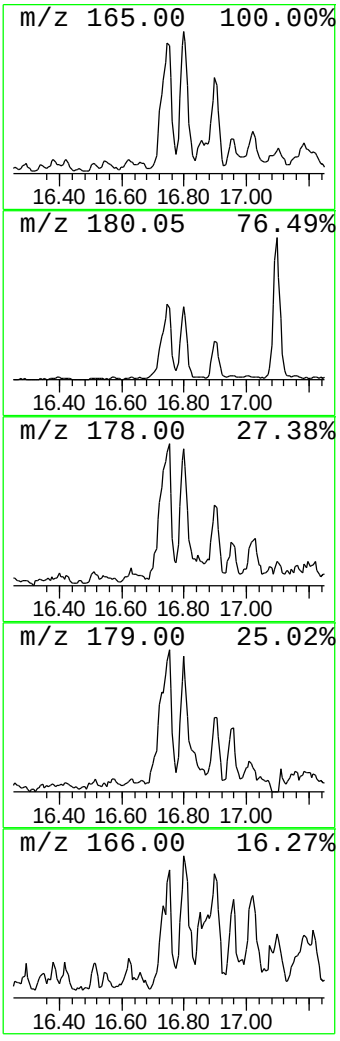
****

Peak Number 13 9H-Fluorene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	5.99 ng/ul	404730	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70





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Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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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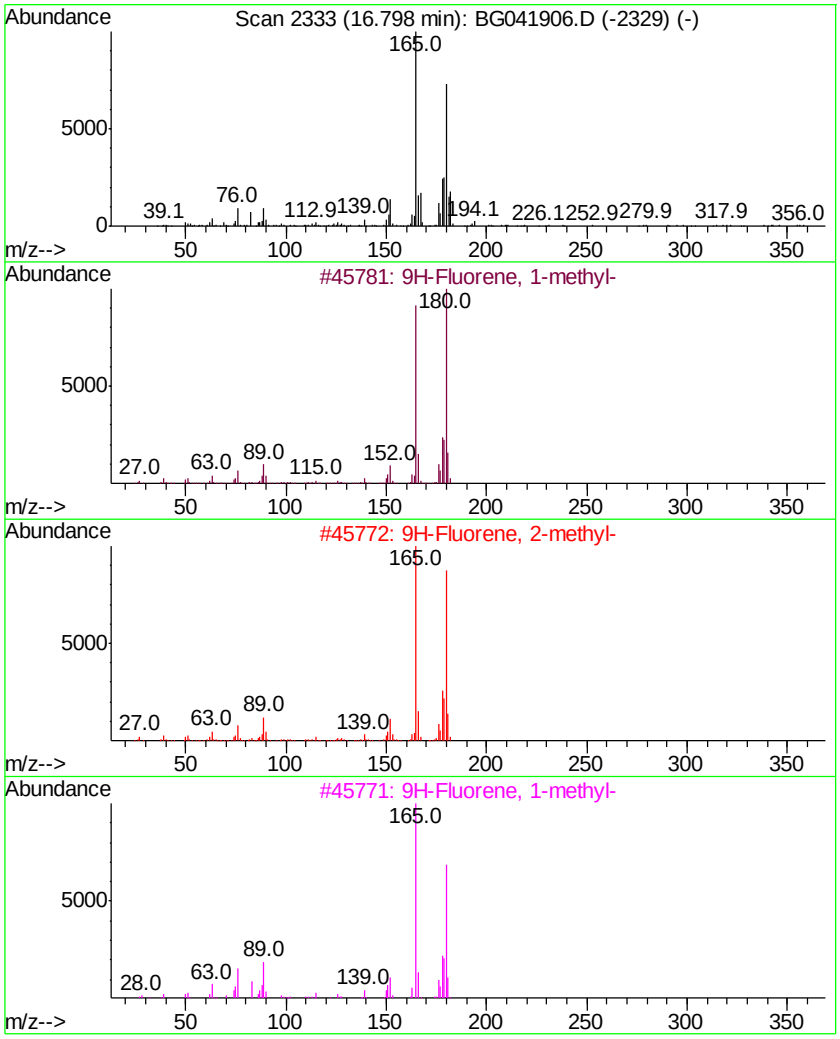
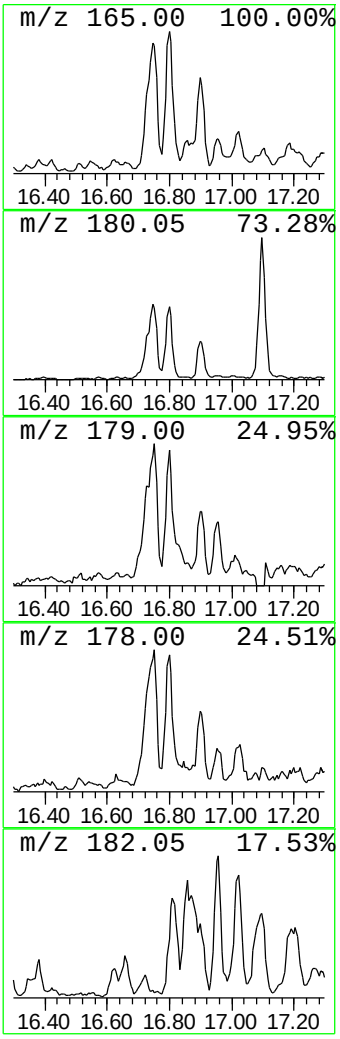
Peak Number 14 9H-Fluorene, 1-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	3.28 ng/ul	221987	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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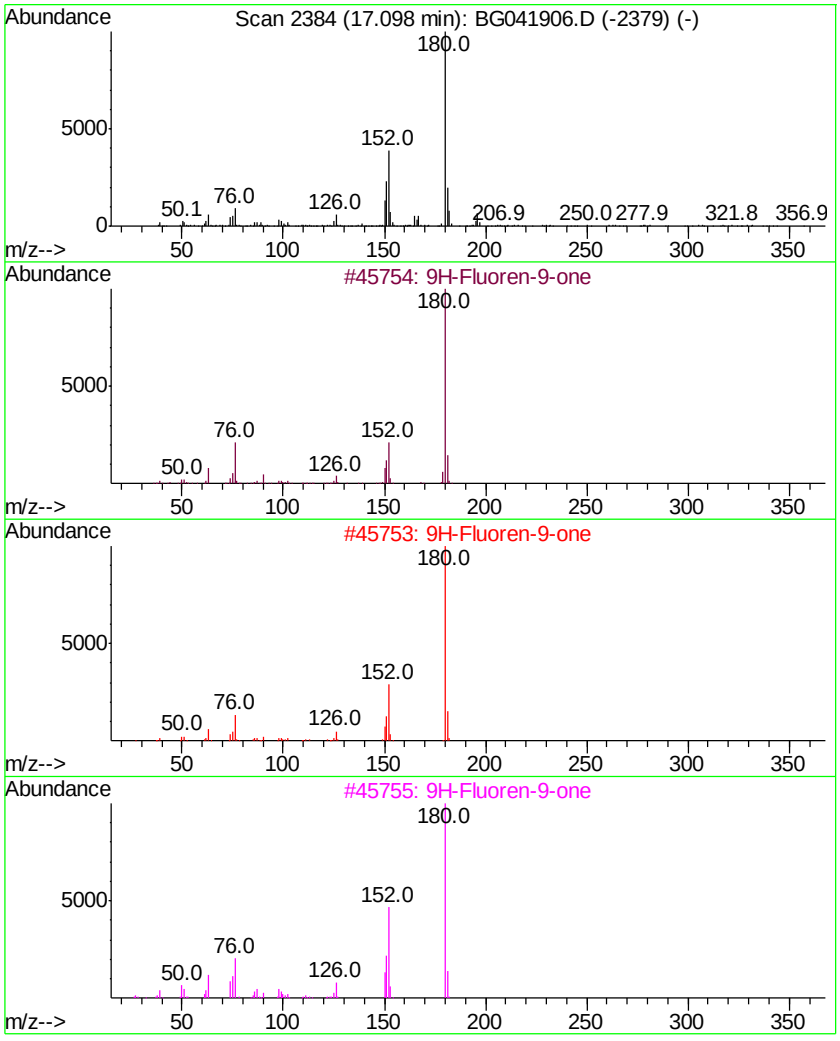
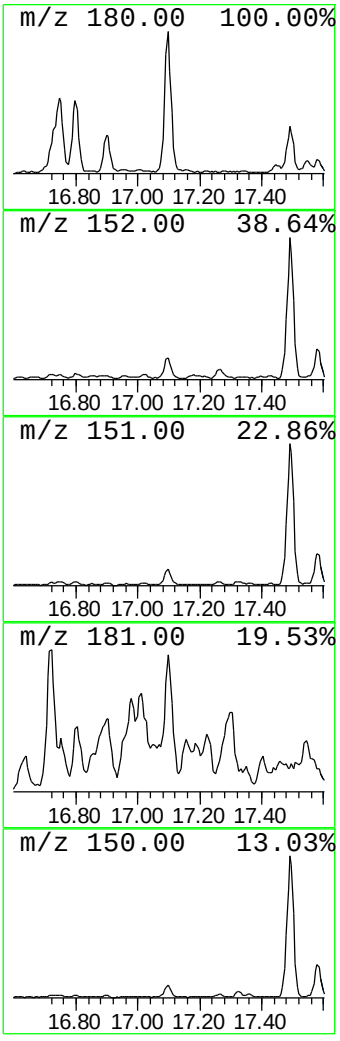
Peak Number 15 9H-Fluoren-9-one Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	4.85 ng/ul	327731	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	72
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70





Library Search Compound Report

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ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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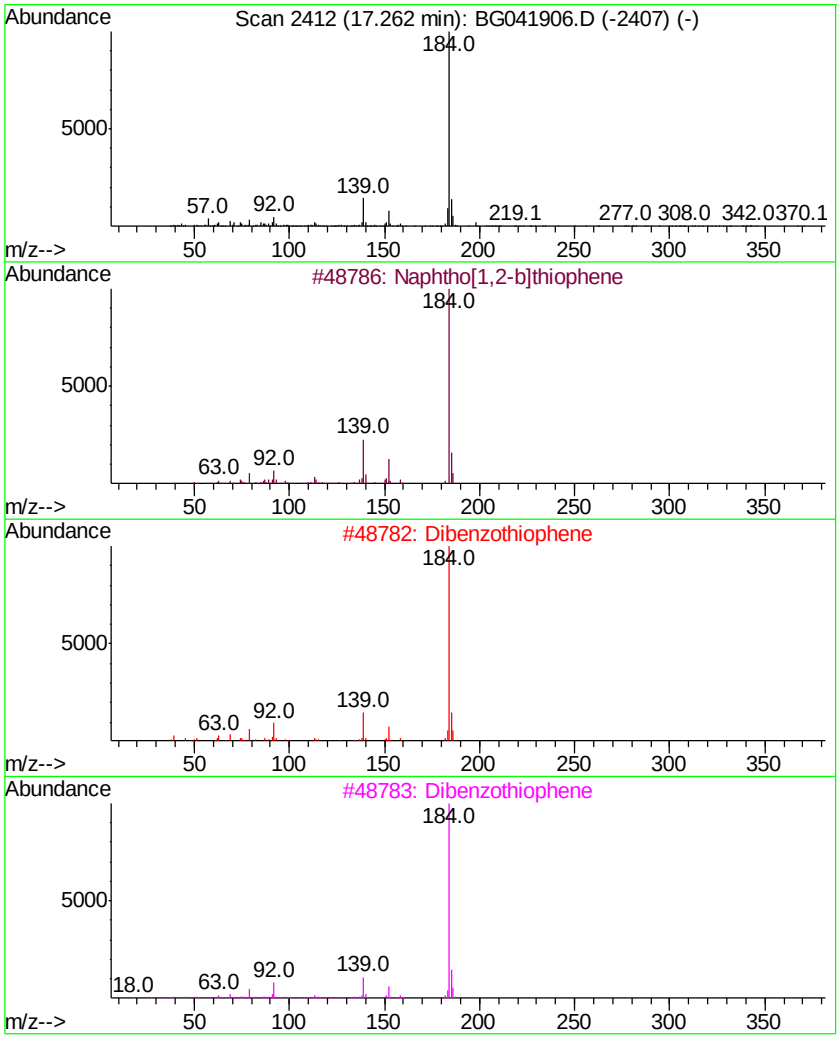
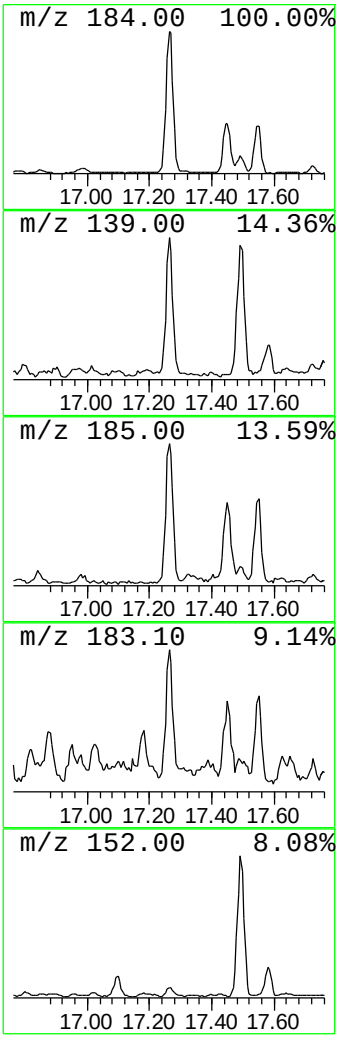
Peak Number 16 Naphtho[1,2-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	6.99 ng/ul	472793	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





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Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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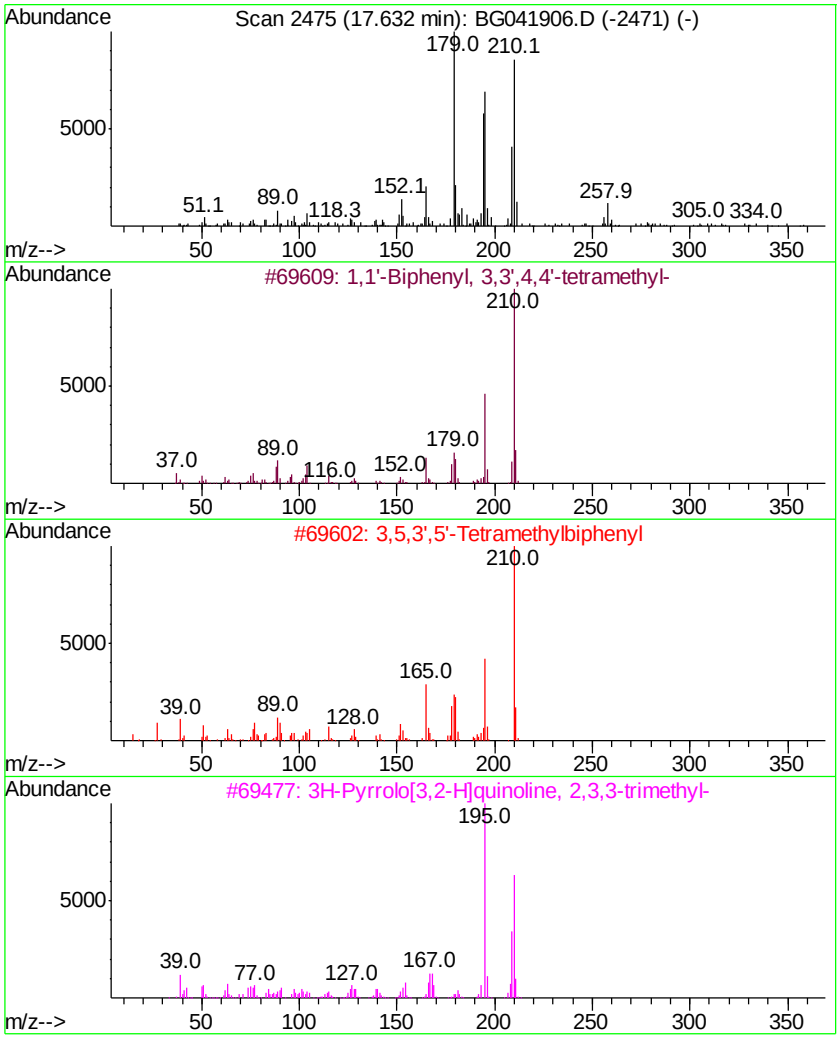
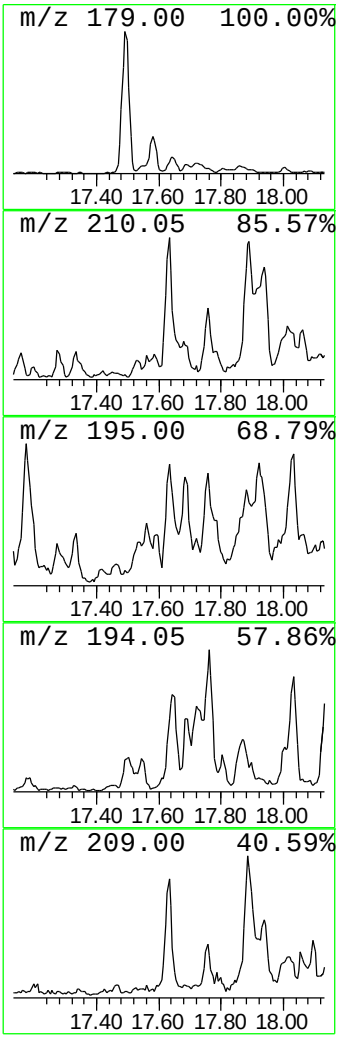
Peak Number 17 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	4.76 ng/ul	322073	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrame...	210	C16H18	004920-95-0	60
2	3,5,3',5'-Tetramethylbiphenyl	210	C16H18	025570-02-9	50
3	3H-Pyrrolo[3,2-H]quinoline, 2,3,...	210	C14H14N2	083958-38-7	45
4	7H-Cyclopenta[b]pyridine-3,6-dic...	210	C12H10N4	1000264-64-4	38
5	Anthracene, 1,2,3,4-tetrahydro-9...	210	C16H18	094573-50-9	38





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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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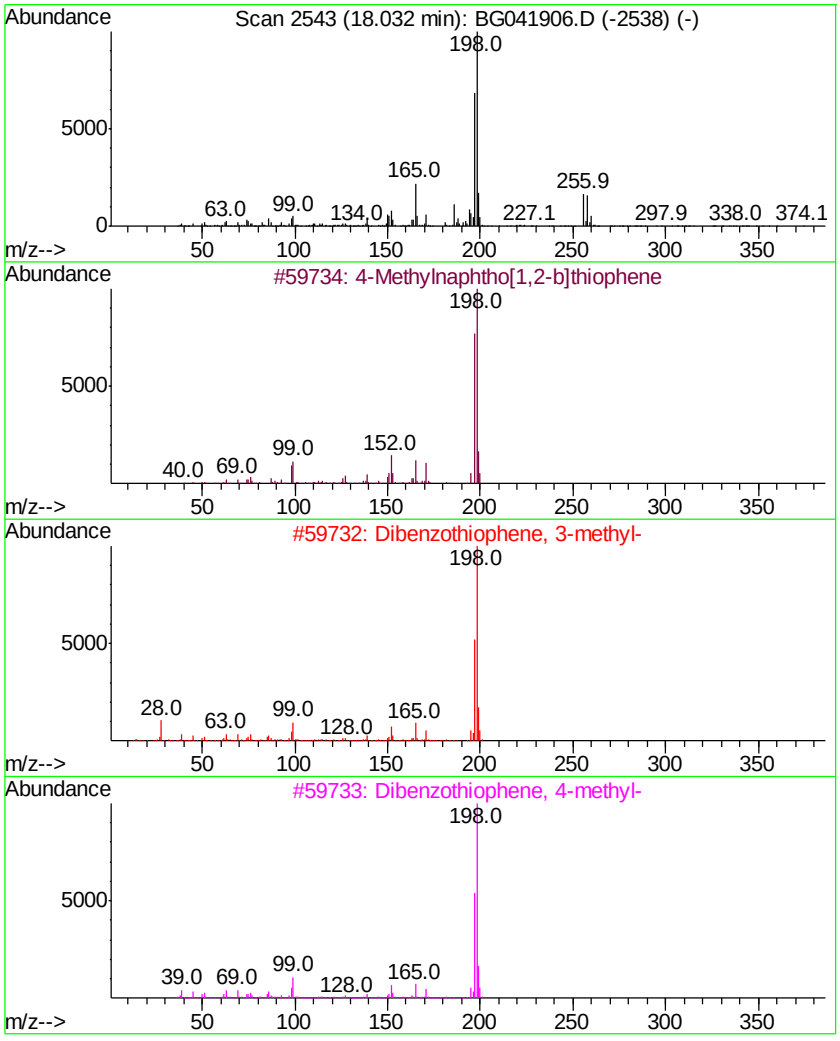
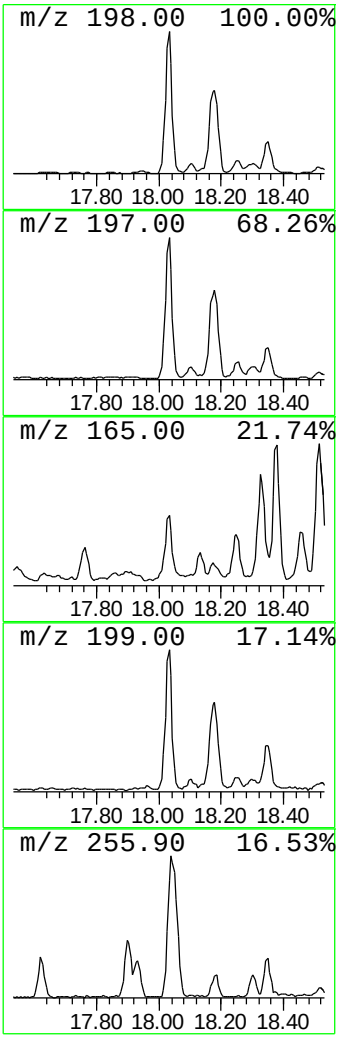
Peak Number 18 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	14.00 ng/ul	946899	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	94
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	70
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	70
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	53





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Instrument : BNA_G
ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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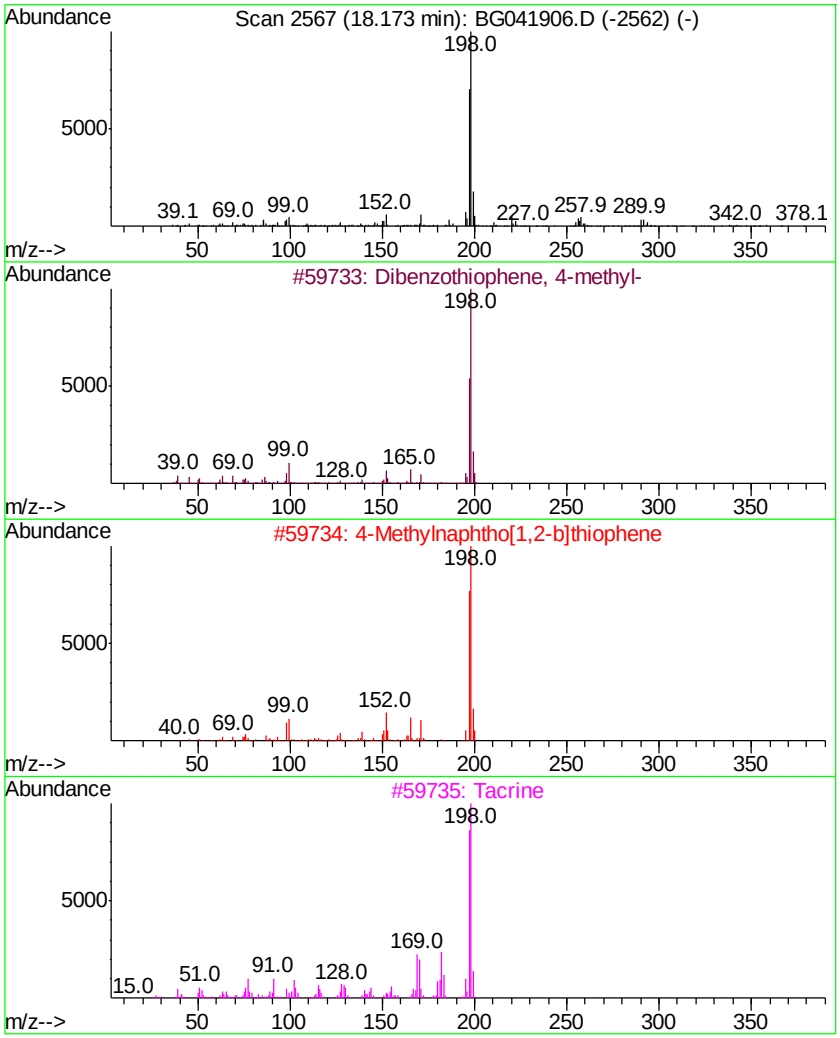
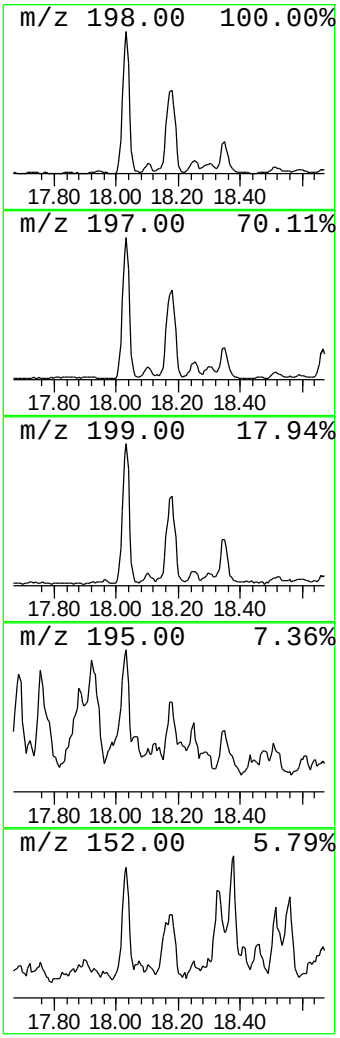
Peak Number 19 Dibenzothiophene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	6.73 ng/ul	455048	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	83
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	81
3	Tacrine	198	C13H14N2	000321-64-2	72
4	Tacrine	198	C13H14N2	000321-64-2	72
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64





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ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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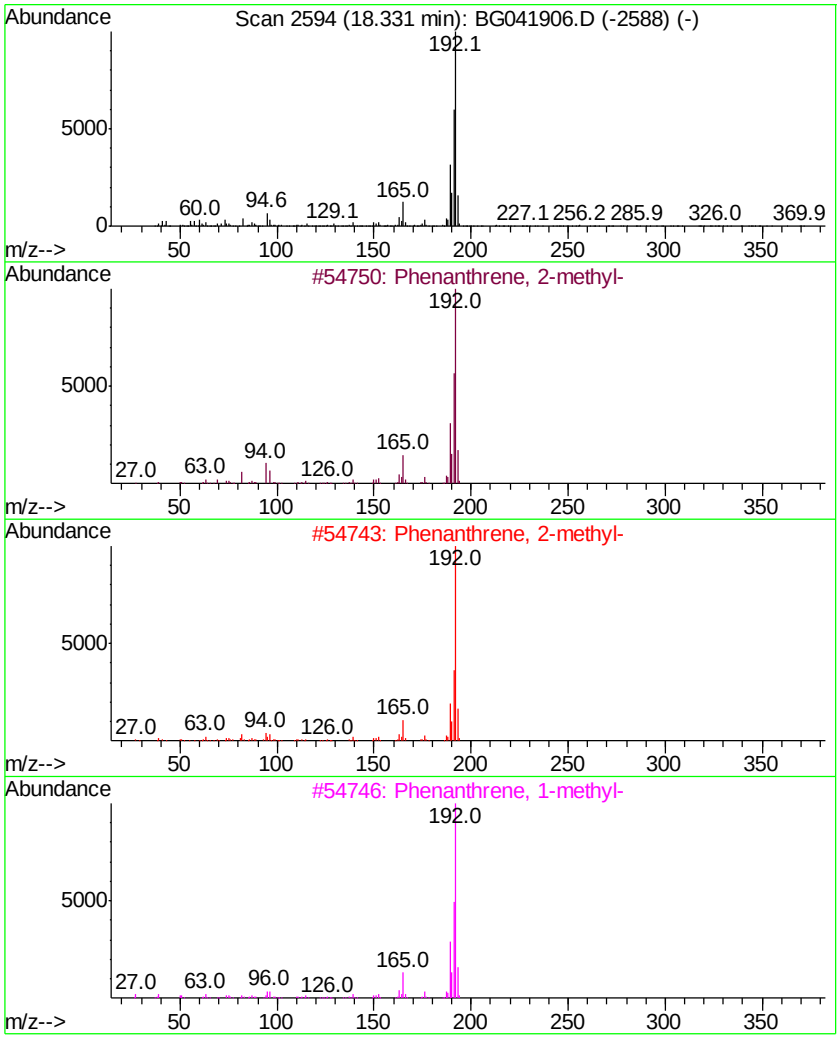
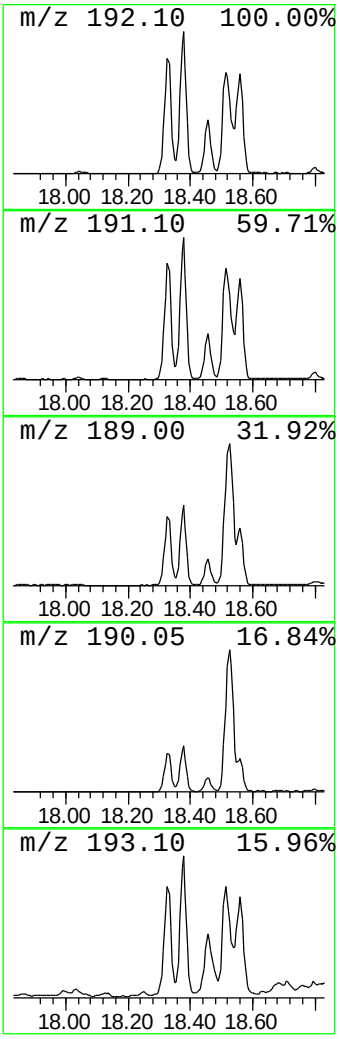
Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	37.97 ng/ul	2567130	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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Instrument : BNA_G
ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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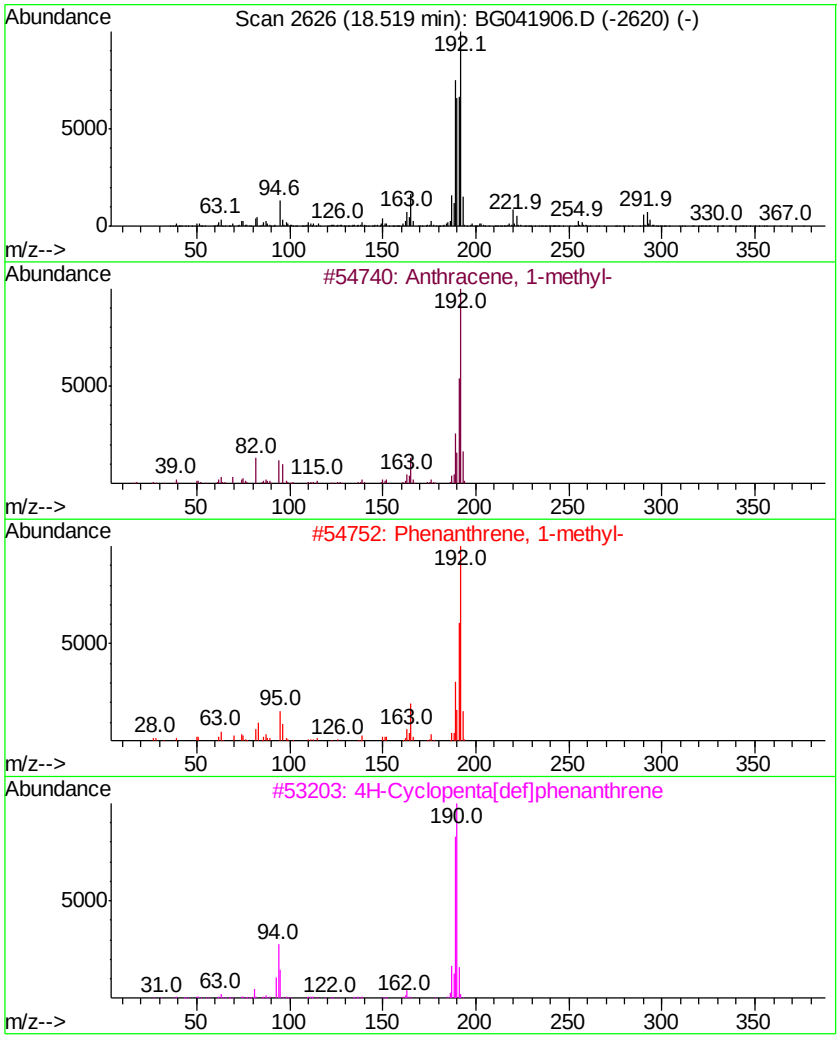
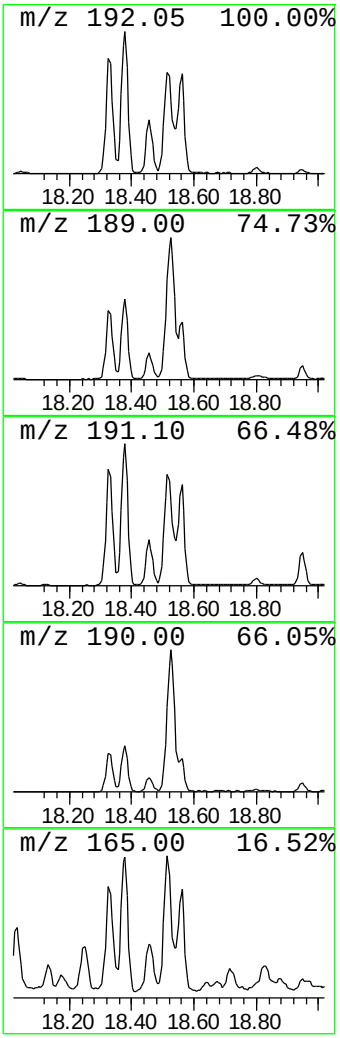
Peak Number 21 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	49.73 ng/ul	3362290	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	41
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	41





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Instrument : BNA_G
ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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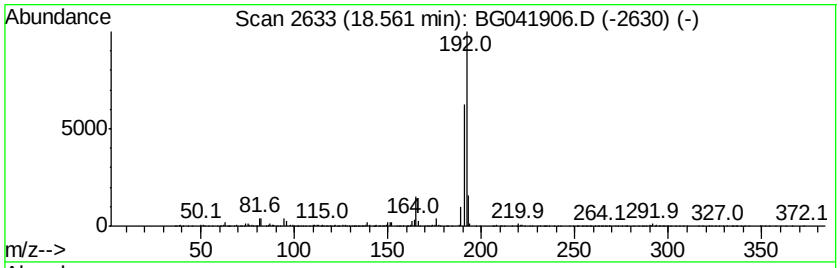
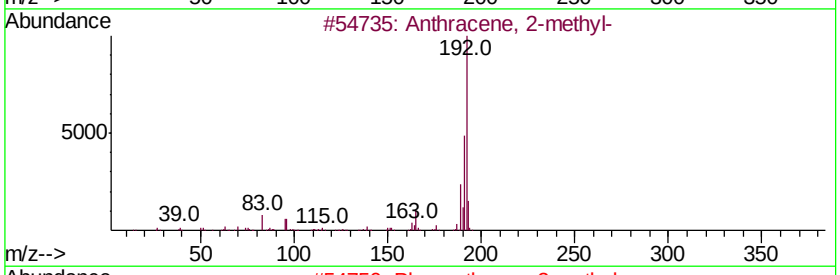
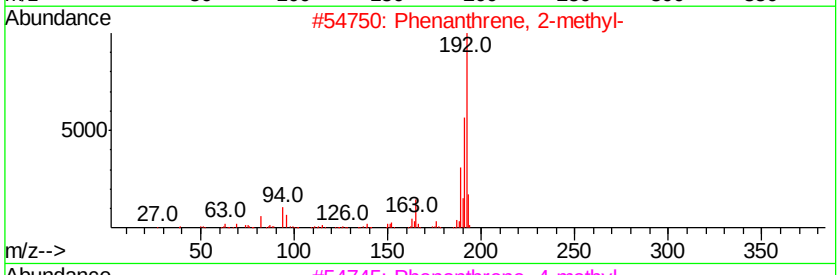
Peak Number 22 Anthracene, 2-methyl- Concentration Rank 5

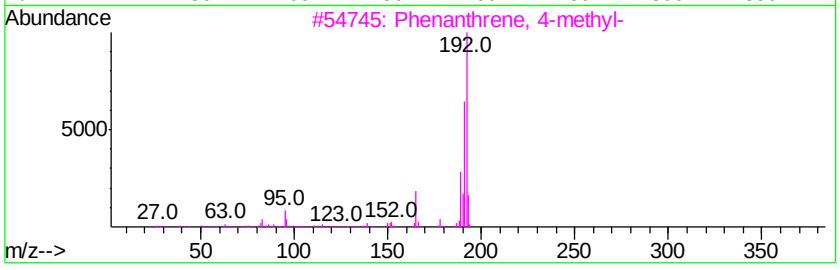
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	23.56 ng/ul	1592820	Phenanthrene-d10	17.45

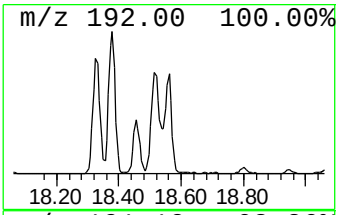
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87

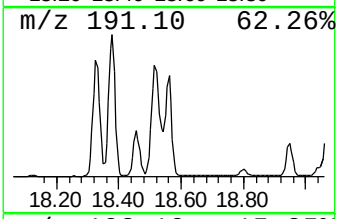


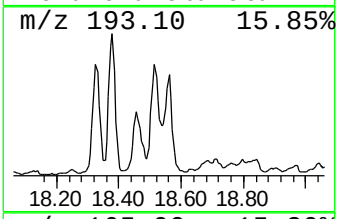


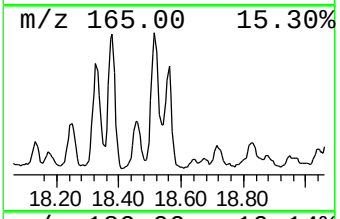


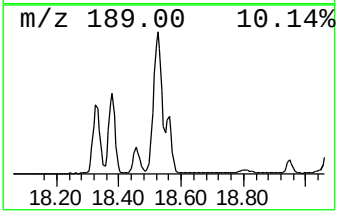












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Misc :
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Instrument : BNA_G
ClientSampleId : BENP4

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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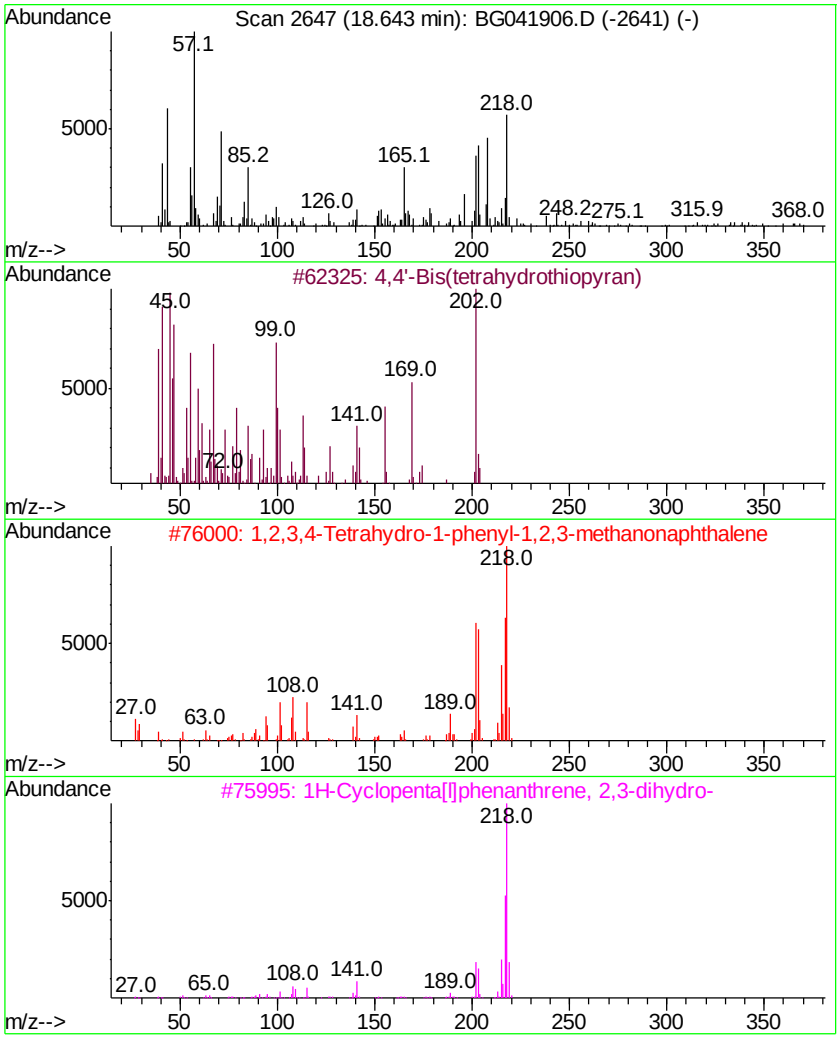
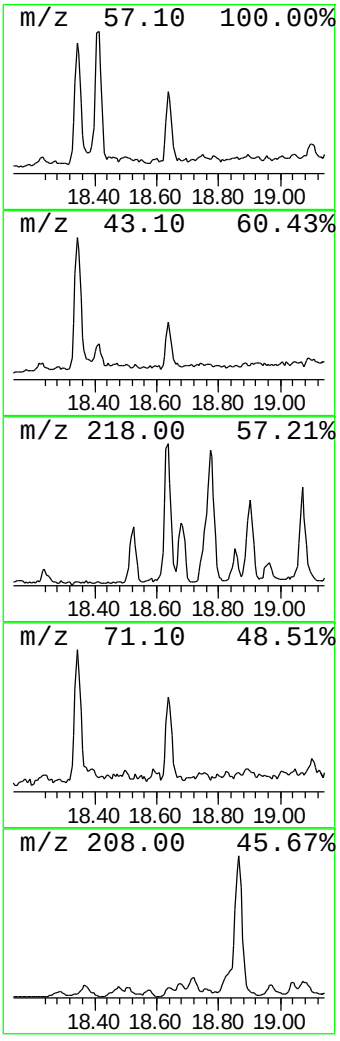
Peak Number 23 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	3.62 ng/ul	244668	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	56
2	1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	38
3	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	38
4	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	35
5	7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	35





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Instrument : BNA_G
ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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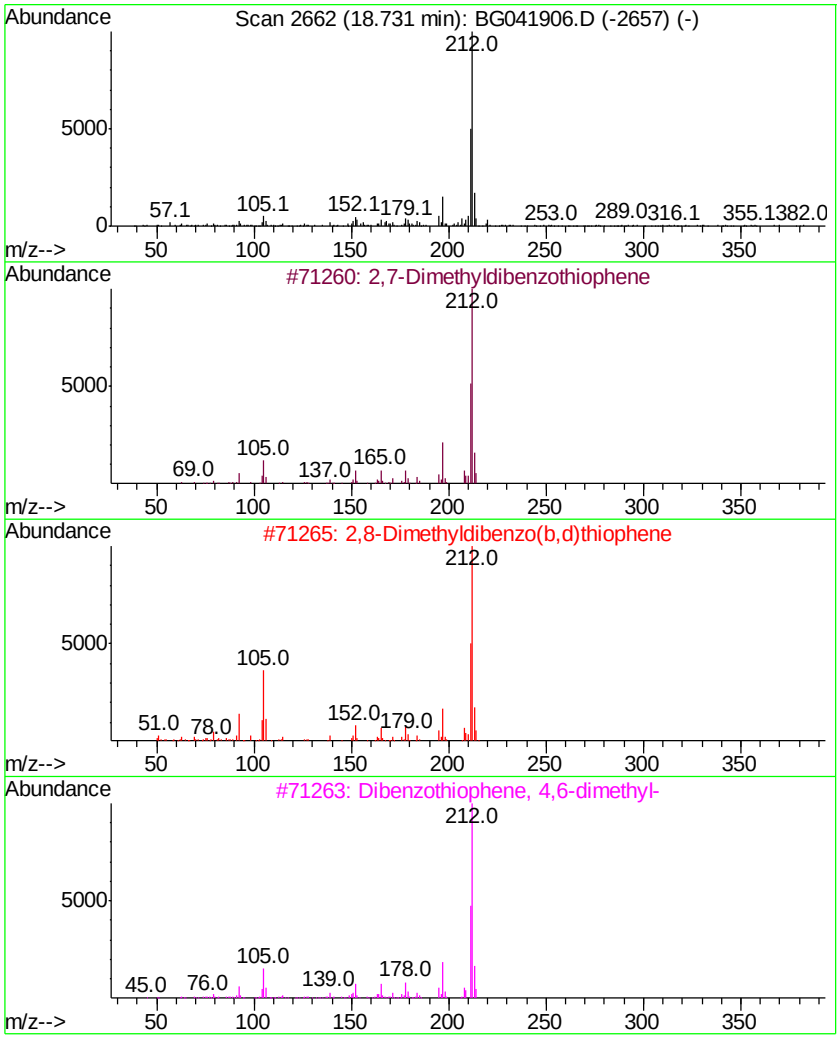
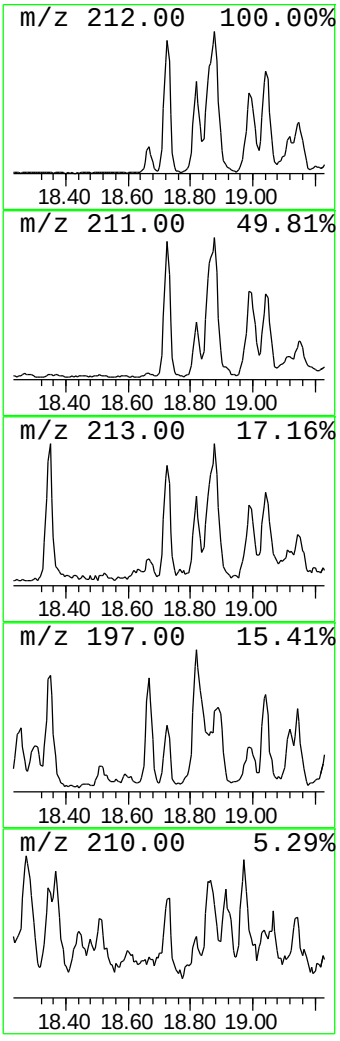
Peak Number 24 2,7-Dimethyldibenzothiophene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	4.26 ng/ul	288376	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	94
2	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	94
3	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	93
4	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	93
5	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	87





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Instrument : BNA_G
ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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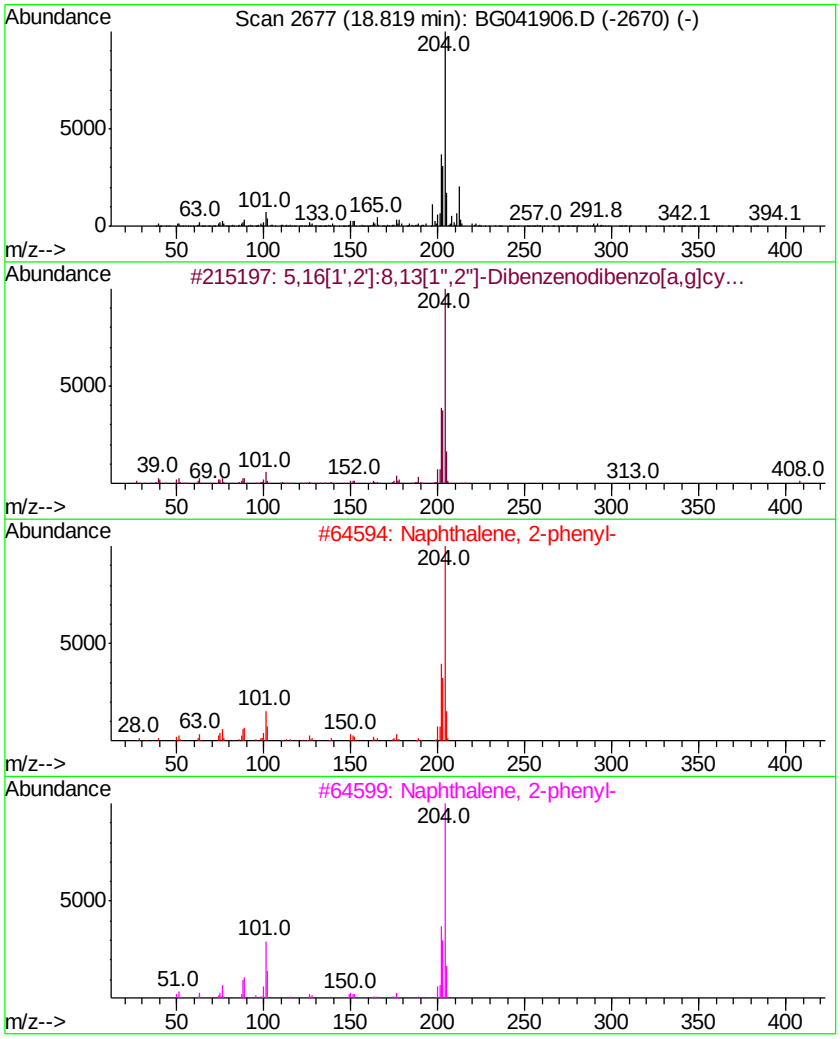
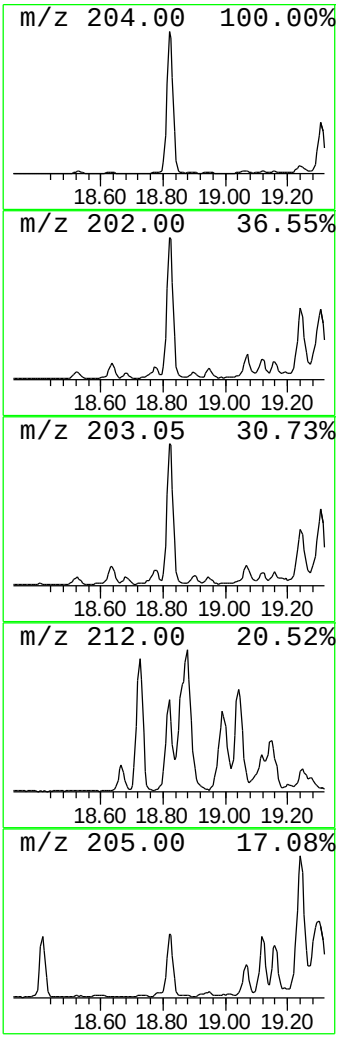
Peak Number 25 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	19.45 ng/ul	1314960	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	68
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55





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Sample : K3850-05
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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Quant Title : SVOA CALIBRATION

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

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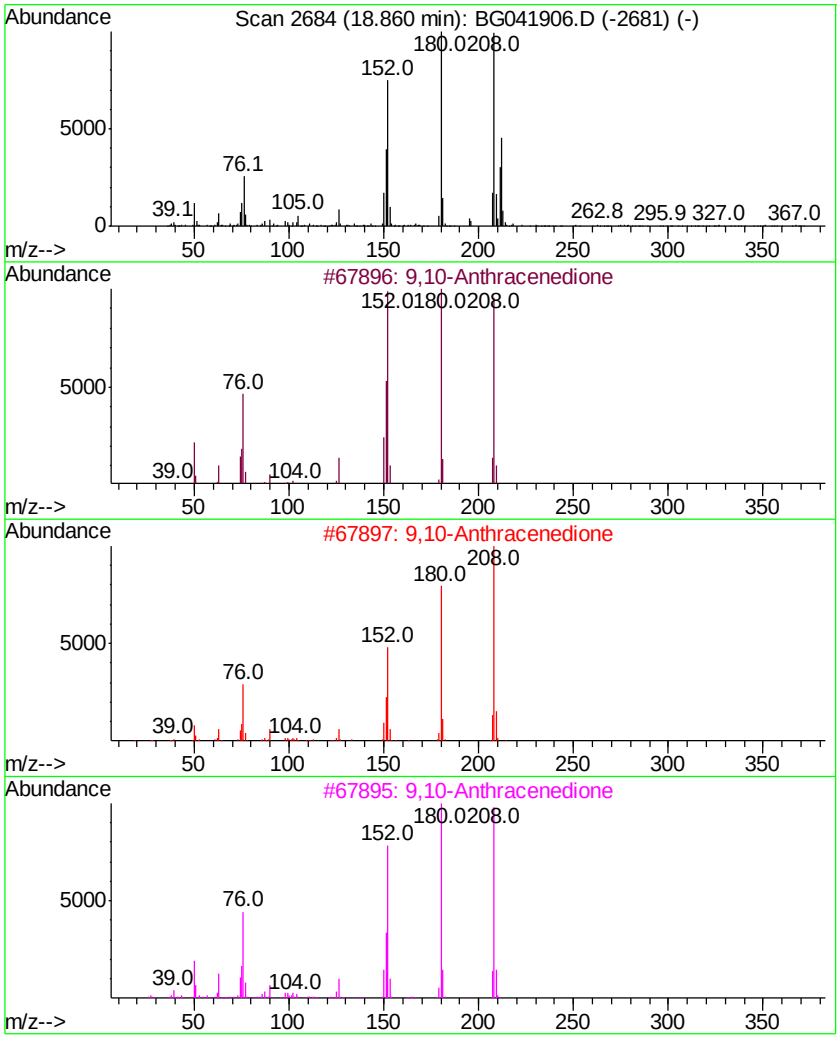
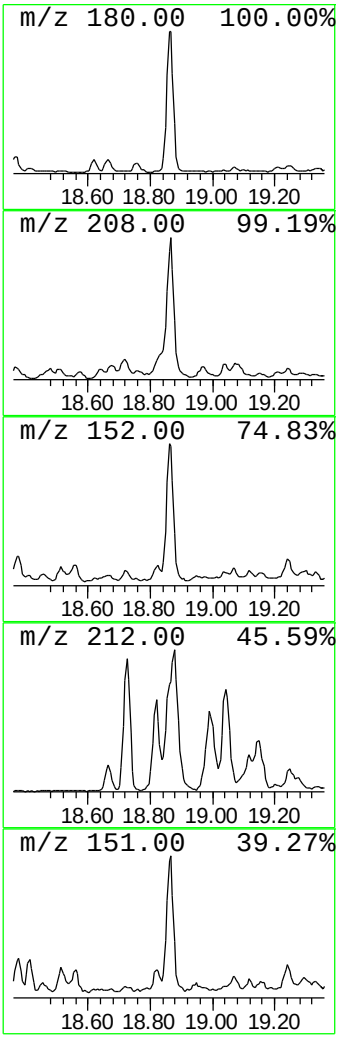
Peak Number 26 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	17.54 ng/ul	1185910	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041906.D
Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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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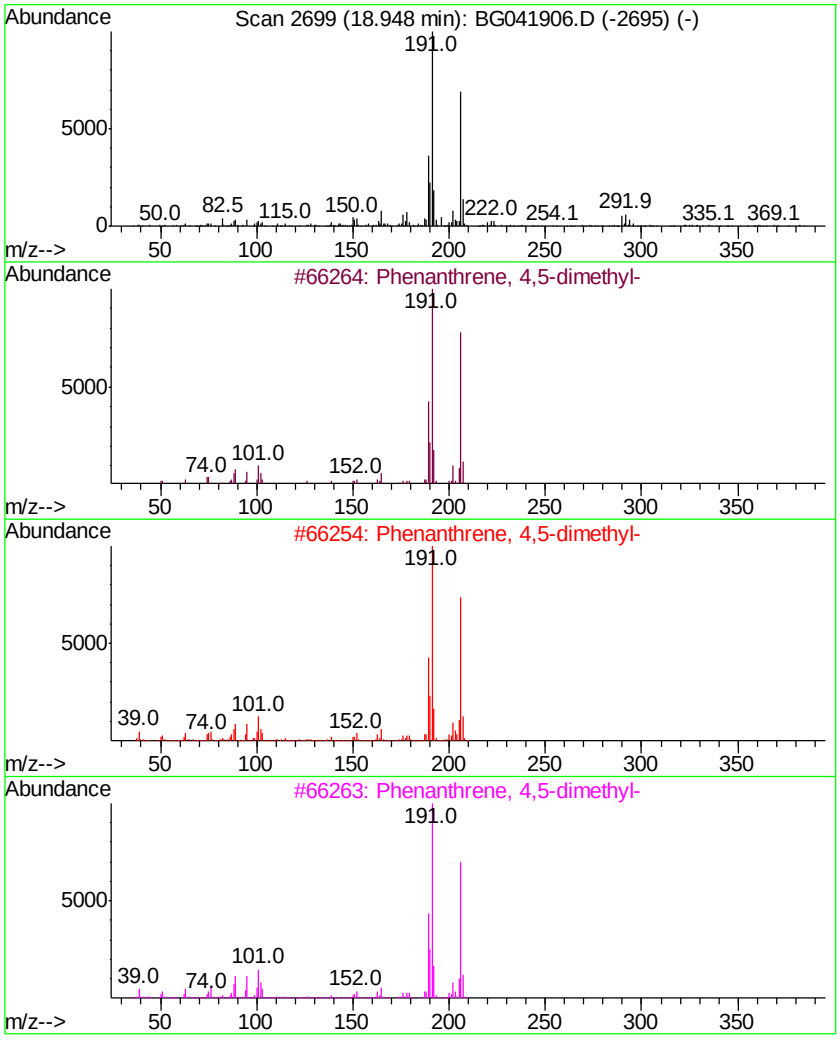
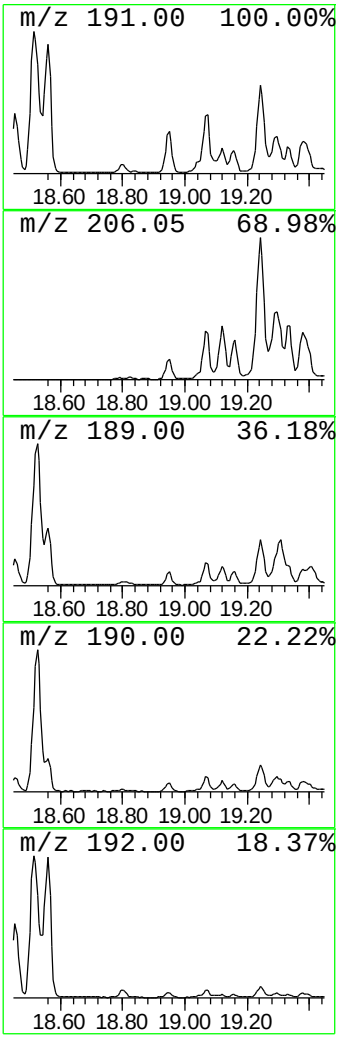
Peak Number 27 Phenanthrene, 4,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	5.87 ng/ul	397142	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	Phenanthrene, 9-ethyl-	206	C16H14	003674-75-7	87
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041906.D
Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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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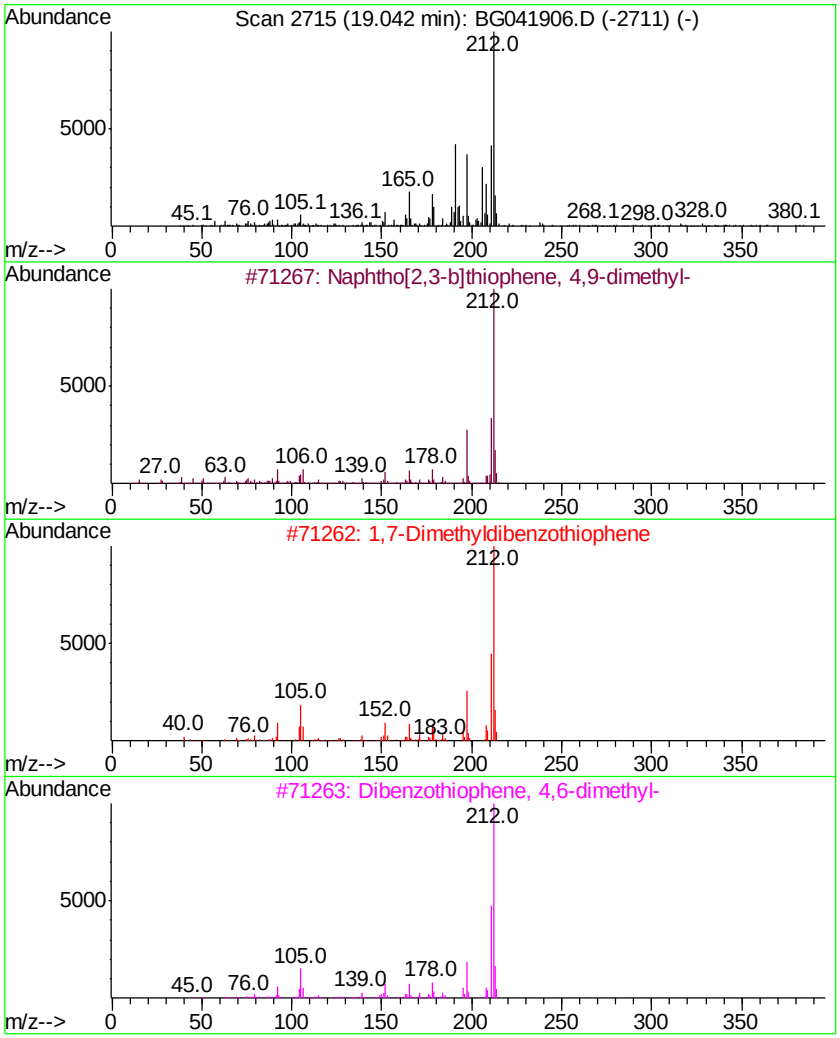
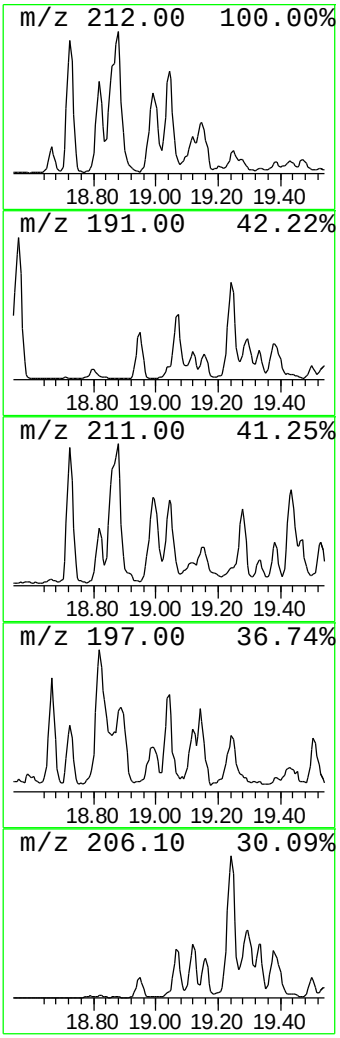
Peak Number 28 Naphtho[2,3-b]thiophene, 4,... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	3.88 ng/ul	262558	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	64
2	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	60
3	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	53
4	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	53
5	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041906.D
Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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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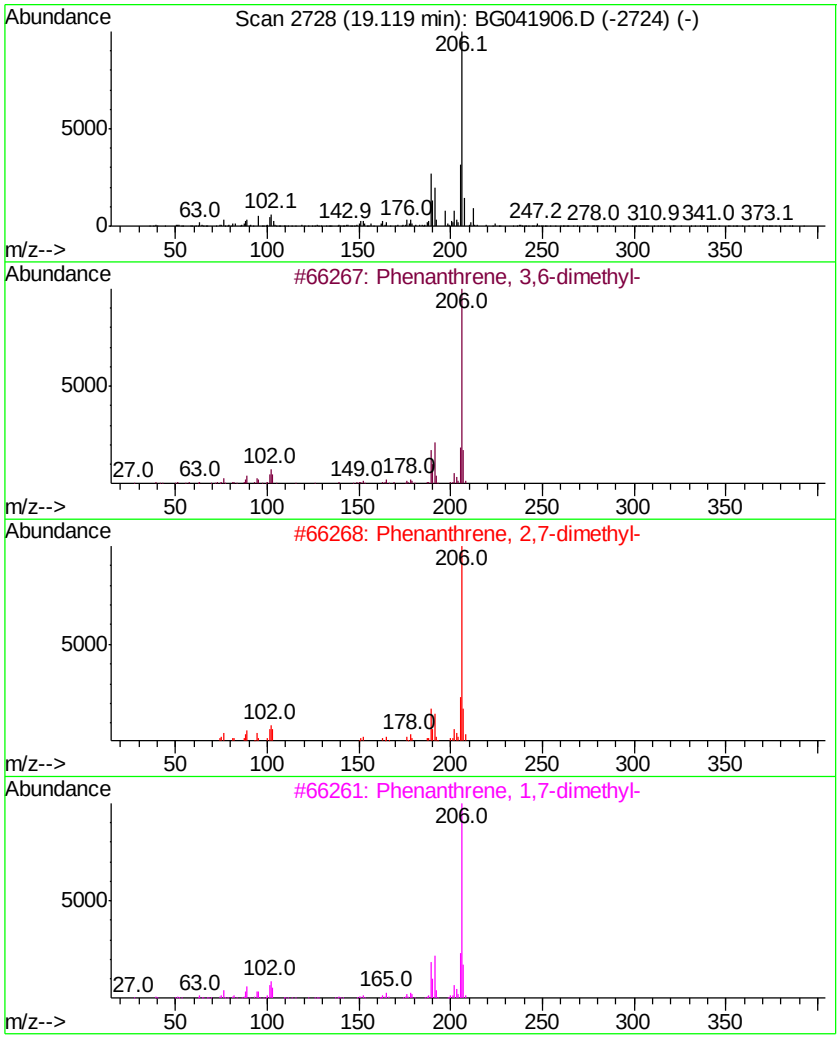
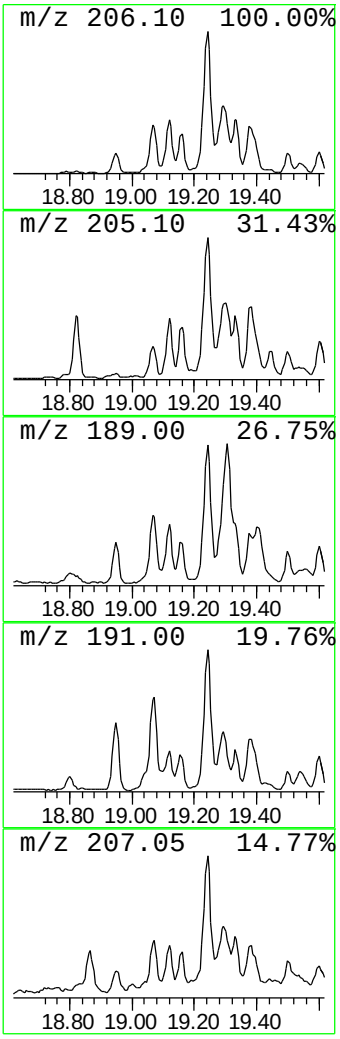
Peak Number 30 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	7.23 ng/ul	488614	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041906.D
Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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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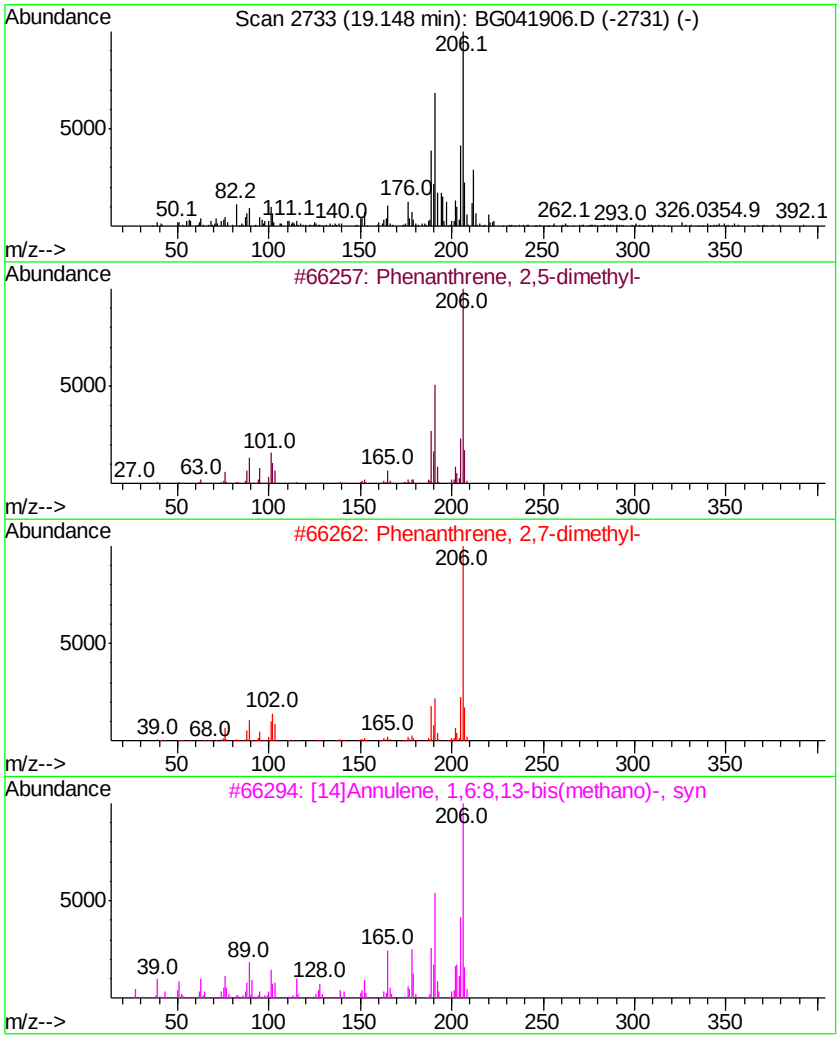
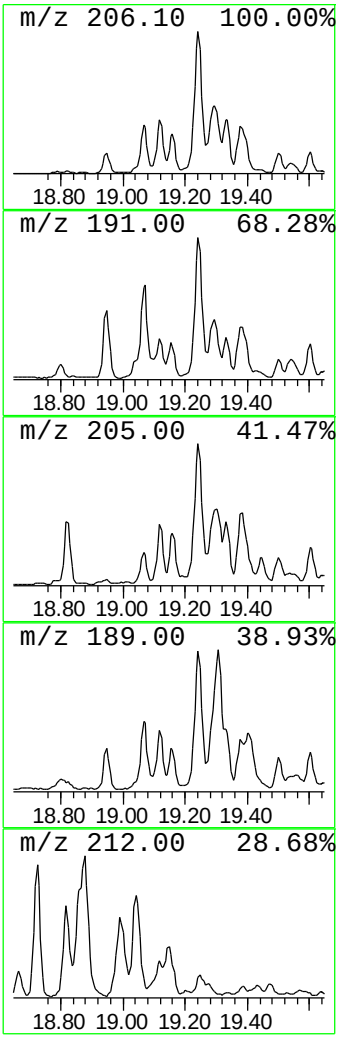
Peak Number 31 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	6.93 ng/ul	468618	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	83
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041906.D
Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP4

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	96.7	ng/ul	2672290	1	8.04	552599	20.0
Naphthalene, 1-me...	12.74	5.4	ng/ul	221684	2	10.86	821081	20.0
Naphthalene, 1,5-...	13.87	3.9	ng/ul	246093	3	14.69	1255900	20.0
Naphthalene, 2,7-...	14.01	5.2	ng/ul	328412	3	14.69	1255900	20.0
1-Isopropenylnaph...	15.00	4.0	ng/ul	248756	3	14.69	1255900	20.0
Naphthalene, 2,3,...	15.17	3.1	ng/ul	197647	3	14.69	1255900	20.0
Naphthalene, 1,4,...	15.49	4.9	ng/ul	306353	3	14.69	1255900	20.0
Benzene, [1-(2,4-...	15.87	4.2	ng/ul	260622	3	14.69	1255900	20.0
Diphenylmethane	15.91	4.4	ng/ul	276768	3	14.69	1255900	20.0
[1,1'-Biphenyl]-4...	16.03	4.4	ng/ul	275746	3	14.69	1255900	20.0
trans-Ethyl 7-oxa...	16.42	5.0	ng/ul	339074	4	17.45	1352350	20.0
9H-Fluorene, 2-me...	16.75	6.0	ng/ul	404730	4	17.45	1352350	20.0
9H-Fluorene, 1-me...	16.80	3.3	ng/ul	221987	4	17.45	1352350	20.0
9H-Fluoren-9-one	17.10	4.8	ng/ul	327731	4	17.45	1352350	20.0
Naphtho[1,2-b]thi...	17.26	7.0	ng/ul	472793	4	17.45	1352350	20.0
1,1'-Biphenyl, 3,...	17.63	4.8	ng/ul	322073	4	17.45	1352350	20.0
4-Methylnaphtho[1...	18.03	14.0	ng/ul	946899	4	17.45	1352350	20.0
Dibenzothiophene,...	18.17	6.7	ng/ul	455048	4	17.45	1352350	20.0
Phenanthrene, 2-m...	18.33	38.0	ng/ul	2567130	4	17.45	1352350	20.0
unknown-01	18.52	49.7	ng/ul	3362290	4	17.45	1352350	20.0
Anthracene, 2-met...	18.56	23.6	ng/ul	1592820	4	17.45	1352350	20.0
4,4'-Bis(tetrahyd...	18.64	3.6	ng/ul	244668	4	17.45	1352350	20.0
2,7-Dimethyldiben...	18.73	4.3	ng/ul	288376	4	17.45	1352350	20.0
5,16[1',2']:8,13[...	18.82	19.4	ng/ul	1314960	4	17.45	1352350	20.0
9,10-Anthracenedione	18.86	17.5	ng/ul	1185910	4	17.45	1352350	20.0
Phenanthrene, 4,5...	18.95	5.9	ng/ul	397142	4	17.45	1352350	20.0
Naphtho[2,3-b]thi...	19.04	3.9	ng/ul	262558	4	17.45	1352350	20.0
Phenanthrene, 3,6...	19.12	7.2	ng/ul	488614	4	17.45	1352350	20.0
Phenanthrene, 2,5...	19.15	6.9	ng/ul	468618	4	17.45	1352350	20.0