LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041939.D
Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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	10.920	1326	1333	1339	rVV	3574441	6938486	10.18%	0.621%
2	12.530	1597	1607	1615	rVB	5140744	9715957	14.26%	0.870%
3	12.747	1631	1644	1653	rBV	4205216	7876158	11.56%	0.705%
4	13.529	1768	1777	1783	rBV	1174826	1909448	2.80%	0.171%
5	13.728	1805	1811	1824	rVB	3093466	6211442	9.11%	0.556%
6	13.869	1826	1835	1836	rBV2	2821257	5057603	7.42%	0.453%
7	14.028	1851	1862	1867	rBV	4417470	9189913	13.49%	0.823%
8	14.081	1867	1871	1879	rVB2	3187963	5608554	8.23%	0.502%
9	14.257	1892	1901	1905	rBV	2833671	4821081	7.07%	0.432%
10	14.392	1917	1924	1926	rBV	1571624	2400701	3.52%	0.215%
11	14.422	1926	1929	1939	rVV	1770703	2635690	3.87%	0.236%
12	14.674	1966	1972	1975	rBV	1538783	2561365	3.76%	0.229%
13	14.780	1981	1990	1995	rBV	8041108	15479306	22.72%	1.386%
14	14.915	2004	2013	2021	rBV	2623236	7068316	10.37%	0.633%
15	15.015	2021	2030	2035	rBV2	2512927	5659639	8.31%	0.507%
16	15.097	2037	2044	2051	rVB	3238013	6152606	9.03%	0.551%
17	15.174	2051	2057	2064	rBV	2271073	3659941	5.37%	0.328%
18	15.321	2073	2082	2086	rBV	1840144	3223603	4.73%	0.289%
19	15.374	2086	2091	2095	rVB	2139865	2945152	4.32%	0.264%
20	15.491	2102	2111	2115	rBV2	1803440	4455921	6.54%	0.399%
21	15.667	2131	2141	2144	rBV5	1035539	3095814	4.54%	0.277%
22	15.761	2150	2157	2167	rBV	5825635	11705019	17.18%	1.048%
23	15.855	2167	2173	2175	rBV3	2444042	4574279	6.71%	0.410%
24	15.885	2175	2178	2181	rVV	2796813	4144643	6.08%	0.371%
25	15.920	2181	2184	2188	rVB2	4045184	5830669	8.56%	0.522%
26	15.967	2188	2192	2195	rBV2	2116009	2928271	4.30%	0.262%
27	16.008	2195	2199	2203	rBV2	1681540	2651019	3.89%	0.237%
28	16.196	2227	2231	2238	rVB3	1147144	2481123	3.64%	0.222%
29	16.425	2266	2270	2276	rVB2	1914304	3451525	5.06%	0.309%
30	16.760	2325	2327	2332	rVB2	2839846	3885129	5.70%	0.348%
31	16.813	2332	2336	2342	rVV2	3296351	6021314	8.84%	0.539%
32	16.913	2350	2353	2358	rVB	3007649	4266118	6.26%	0.382%
33	16.966	2358	2362	2368	rBV2	2082452	4339508	6.37%	0.388%
34	17.030	2368	2373	2380	rVV4	2190620	4085474	6.00%	0.366%

LSC Area Percent Report

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Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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

35	17.124	2384	2389	2394	rVB4	2214343	4044428	5.93%	0.362%
36	17.207	2396	2403	2411	rVV6	1576867	5138222	7.54%	0.460%
37	17.283	2411	2416	2425	rVB	5169093	9956689	14.61%	0.891%
38	17.559	2441	2463	2467	rBV	18612417	68145694	100.00%	6.101%
39	17.630	2469	2475	2480	rVV	8920575	15412111	22.62%	1.380%
40	17.871	2511	2516	2521	rBV3	2161115	4476431	6.57%	0.401%
41	17.982	2532	2535	2539	rVB	1907883	2653273	3.89%	0.238%
42	18.059	2539	2548	2554	rBV	5986503	12089837	17.74%	1.082%
43	18.200	2564	2572	2577	rBV2	3716048	8304875	12.19%	0.743%
44	18.370	2592	2601	2604	rBV	12064014	27464721	40.30%	2.459%
45	18.429	2604	2611	2615	rVB2	14873518	31578202	46.34%	2.827%
46	18.499	2615	2623	2628	rBV	7020152	15060717	22.10%	1.348%
47	18.570	2628	2635	2639	rVV	15741728	38644291	56.71%	3.460%
48	18.611	2639	2642	2646	rVV	11959594	17280876	25.36%	1.547%
49	18.693	2652	2656	2660	rVB3	1593963	2296567	3.37%	0.206%
50	18.746	2660	2665	2670	rBV2	3351324	4981910	7.31%	0.446%
51	18.852	2676	2683	2687	rBV4	7703329	14070246	20.65%	1.260%
52	18.916	2689	2694	2699	rVB2	6288137	13111314	19.24%	1.174%
53	18.969	2699	2703	2707	rBV	4128093	5796685	8.51%	0.519%
54	19.016	2707	2711	2715	rVB	1207967	2011488	2.95%	0.180%
55	19.093	2715	2724	2729	rBV2	8286912	17036037	25.00%	1.525%
56	19.146	2729	2733	2736	rBV	4948588	6327855	9.29%	0.566%
57	19.187	2736	2740	2744	rVB2	5364539	7623863	11.19%	0.683%
58	19.281	2748	2756	2760	rBV	12016309	26092802	38.29%	2.336%
59	19.345	2760	2767	2774	rVB4	7612001	23843044	34.99%	2.134%
60	19.410	2774	2778	2780	rBV2	3929377	6086098	8.93%	0.545%
61	19.545	2795	2801	2802	rBV2	12639106	19518922	28.64%	1.747%
62	19.633	2812	2816	2824	rVB5	4942391	9075596	13.32%	0.812%
63	19.710	2826	2829	2835	rVB4	1165817	1725251	2.53%	0.154%
64	19.780	2836	2841	2849	rBV2	5385792	12071466	17.71%	1.081%
65	19.851	2849	2853	2856	rBV3	2191725	3163133	4.64%	0.283%
66	19.927	2856	2866	2870	rBV3	17989558	57406824	84.24%	5.139%
67	20.056	2879	2888	2890	rBV3	2710754	7426054	10.90%	0.665%
68	20.127	2897	2900	2910	rVB4	3311456	6758342	9.92%	0.605%
69	20.238	2910	2919	2926	rBV4	8763588	23533643	34.53%	2.107%
70	20.315	2927	2932	2935	rBV2	2084562	3543302	5.20%	0.317%
71	20.409	2935	2948	2955	rVB2	9588316	33622369	49.34%	3.010%

LSC Area Percent Report

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Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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	20.503	2955	2964	2969	rBV2	8354703	22007675	32.30%	1.970%
73	20.567	2969	2975	2979	rBV2	9451475	23190695	34.03%	2.076%
74	20.708	2992	2999	3002	rBV	9691316	17595829	25.82%	1.575%
75	20.755	3002	3007	3012	rVB3	10052215	17152087	25.17%	1.536%
76	20.943	3036	3039	3042	rBV3	1350785	2181165	3.20%	0.195%
77	20.990	3042	3047	3050	rVV3	2222287	4624337	6.79%	0.414%
78	21.026	3050	3053	3057	rVV2	1634863	3042688	4.46%	0.272%
79	21.126	3064	3070	3073	rBV4	2703060	6293489	9.24%	0.563%
80	21.178	3074	3079	3084	rVB3	4960605	10530649	15.45%	0.943%
81	21.267	3090	3094	3100	rVB	2538263	4013047	5.89%	0.359%
82	21.366	3102	3111	3114	rBV3	8973875	24182737	35.49%	2.165%
83	21.455	3122	3126	3130	rBV3	5352321	9503233	13.95%	0.851%
84	21.537	3135	3140	3148	rVB2	3932391	10216659	14.99%	0.915%
85	21.637	3153	3157	3167	rVB3	2869146	7645669	11.22%	0.684%
86	21.801	3172	3185	3190	rBV3	12726584	51246089	75.20%	4.588%
87	21.960	3207	3212	3216	rBV2	3796583	7237438	10.62%	0.648%
88	22.019	3216	3222	3228	rVV2	5168331	10976236	16.11%	0.983%
89	22.095	3230	3235	3242	rVB5	3468561	9254928	13.58%	0.829%
90	22.283	3262	3267	3274	rVB4	2575011	5798429	8.51%	0.519%
91	22.401	3283	3287	3292	rBV2	2062049	3674075	5.39%	0.329%
92	22.465	3293	3298	3302	rVV	2365827	4577331	6.72%	0.410%
93	22.571	3306	3316	3322	rVV3	8113640	25176718	36.95%	2.254%
94	22.641	3323	3328	3333	rVB	5959109	11269378	16.54%	1.009%
95	22.718	3335	3341	3347	rBV3	4145743	8847905	12.98%	0.792%
96	22.782	3347	3352	3357	rVB3	2921657	6440912	9.45%	0.577%
97	22.853	3358	3364	3369	rBV3	5527223	13286951	19.50%	1.189%
98	22.976	3378	3385	3398	rVB3	5607417	13098757	19.22%	1.173%
99	24.357	3615	3620	3627	rVB	2570969	5223841	7.67%	0.468%
100	25.068	3723	3741	3751	rVB3	7444023	34340547	50.39%	3.074%

Sum of corrected areas: 1117033459

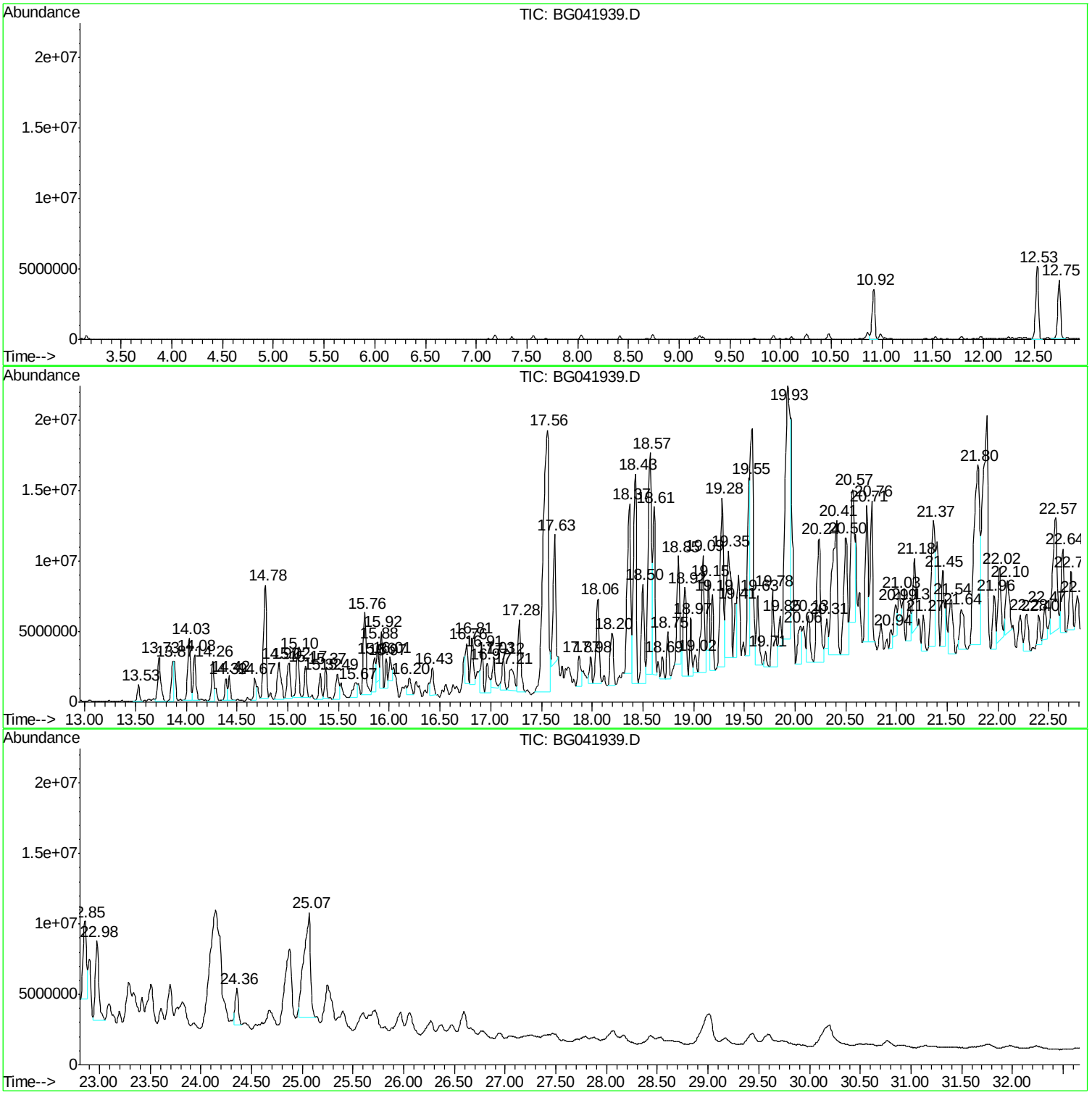
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041939.D
Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041939.D
Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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

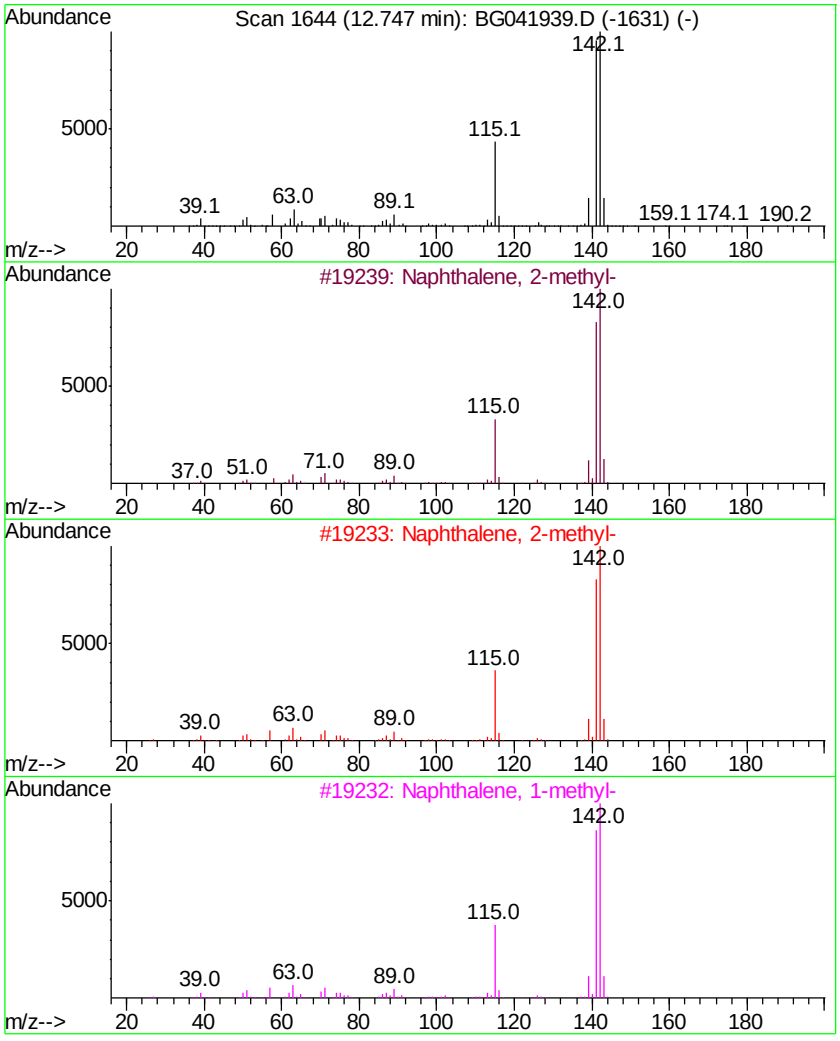
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

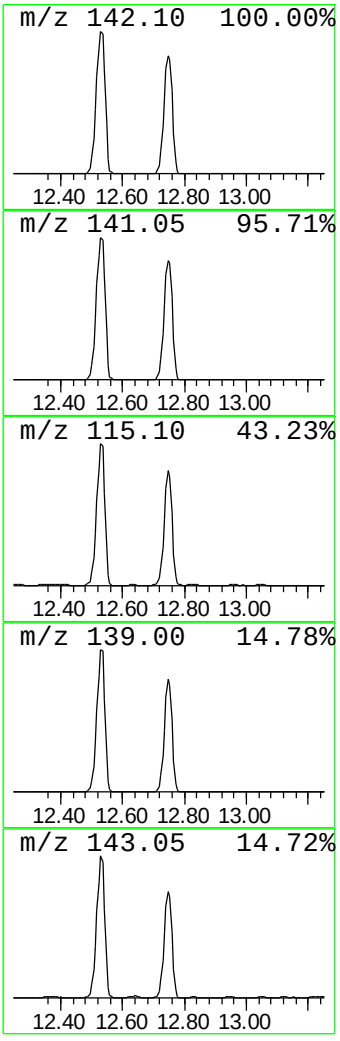
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	22.70 ng/ul	7876160	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041939.D
Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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

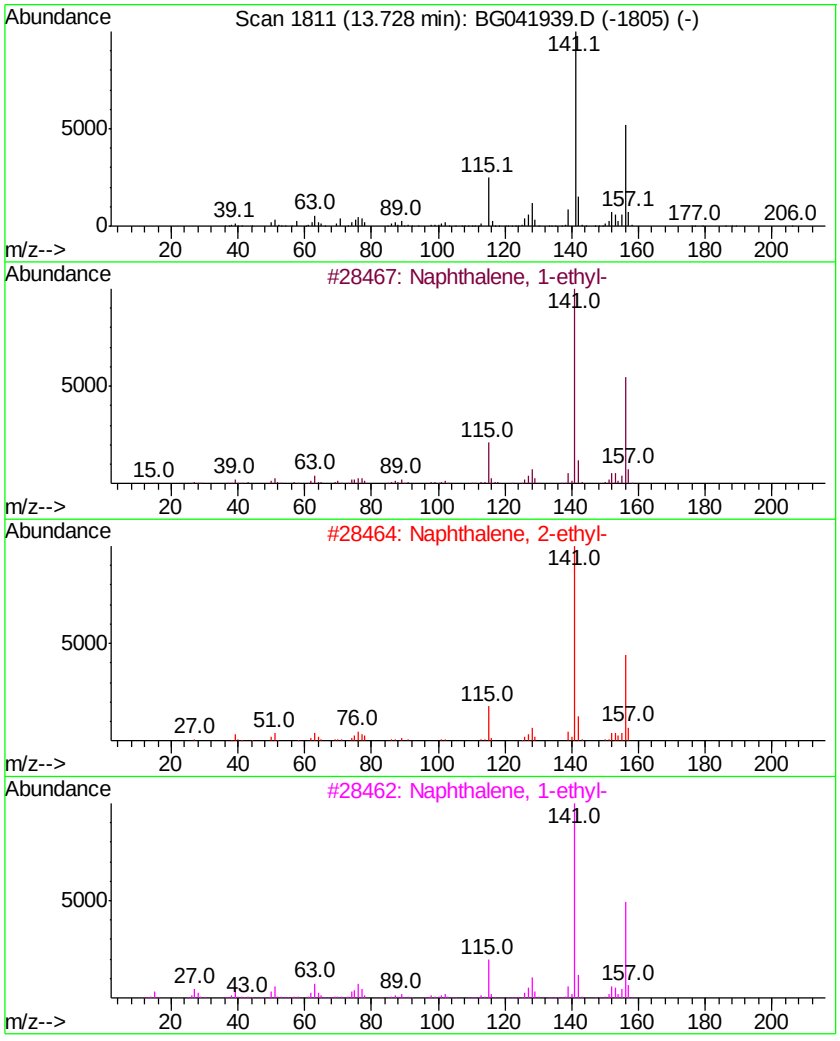
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

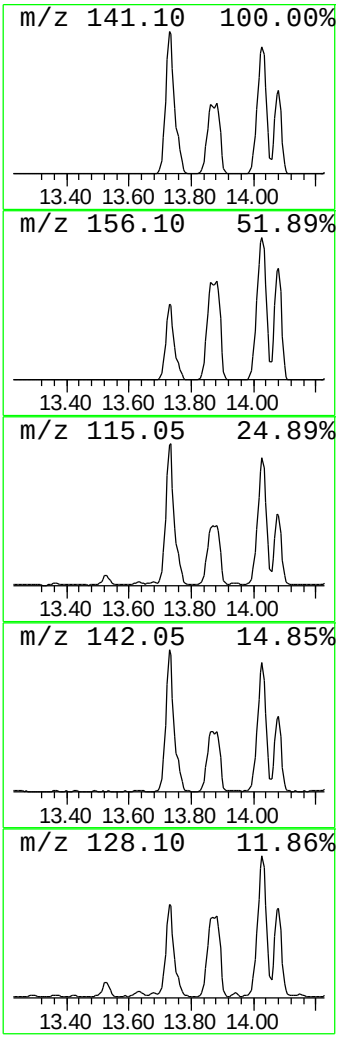
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	48.50 ng/ul	6211440	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, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





Library Search Compound Report

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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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

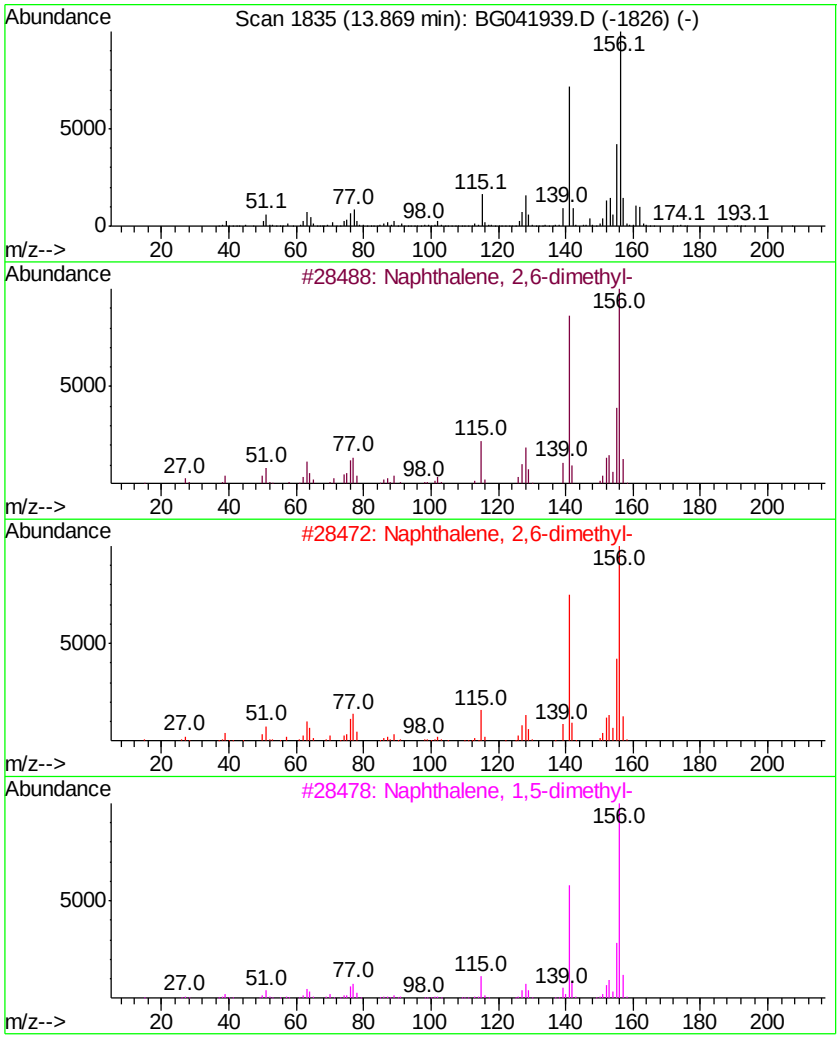
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

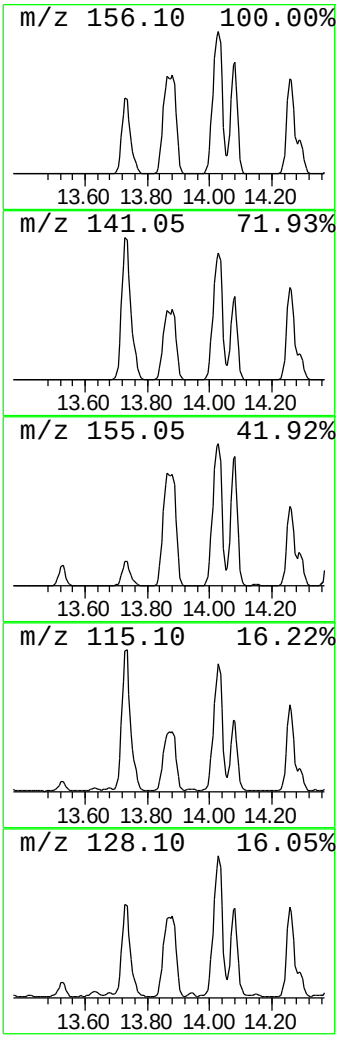
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	39.49 ng/ul	5057600	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041939.D
Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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

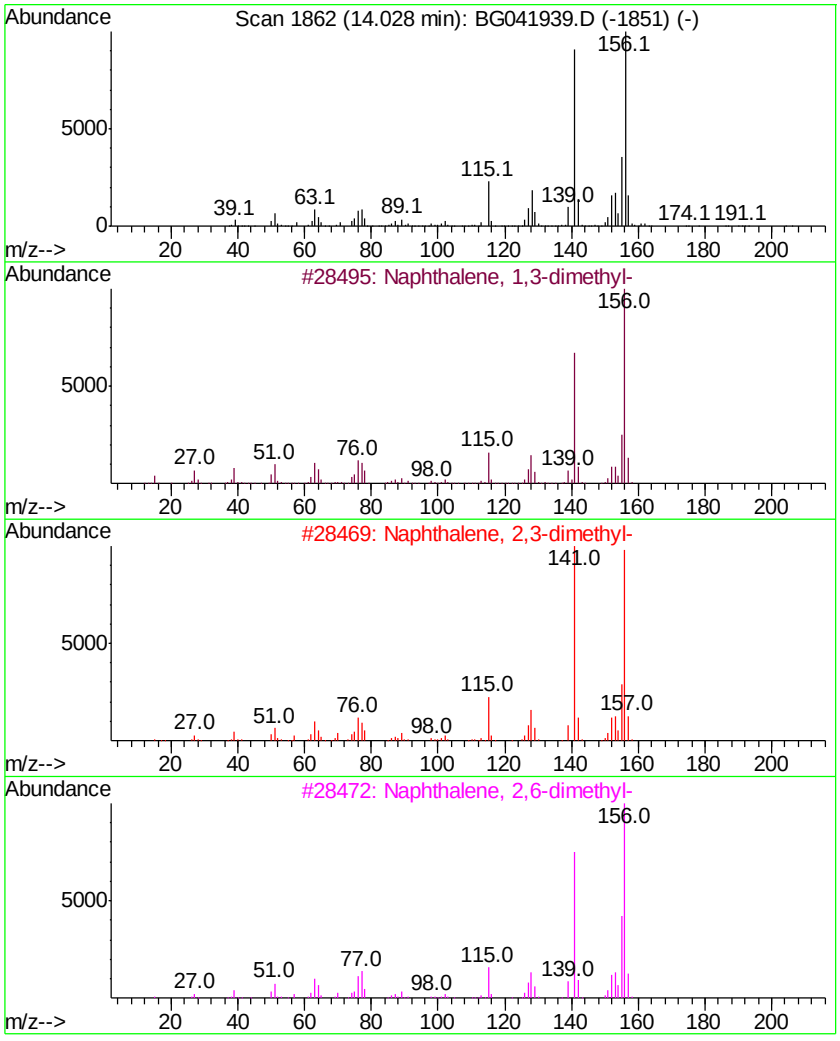
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

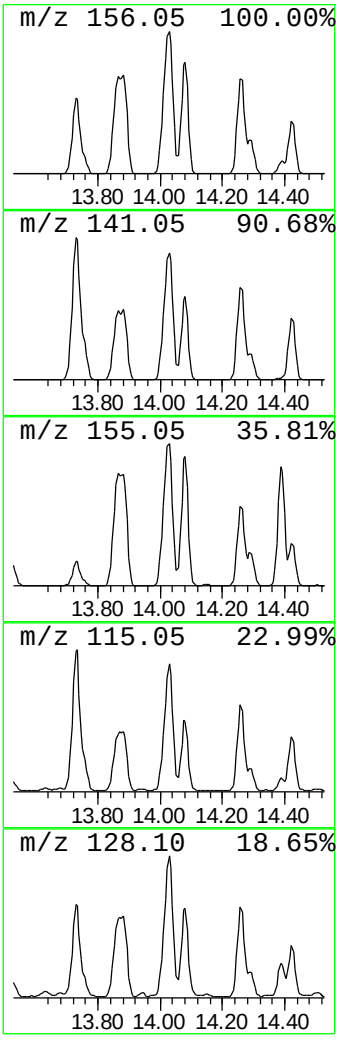
****

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	71.76 ng/ul	9189910	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Library Search Compound Report

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Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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

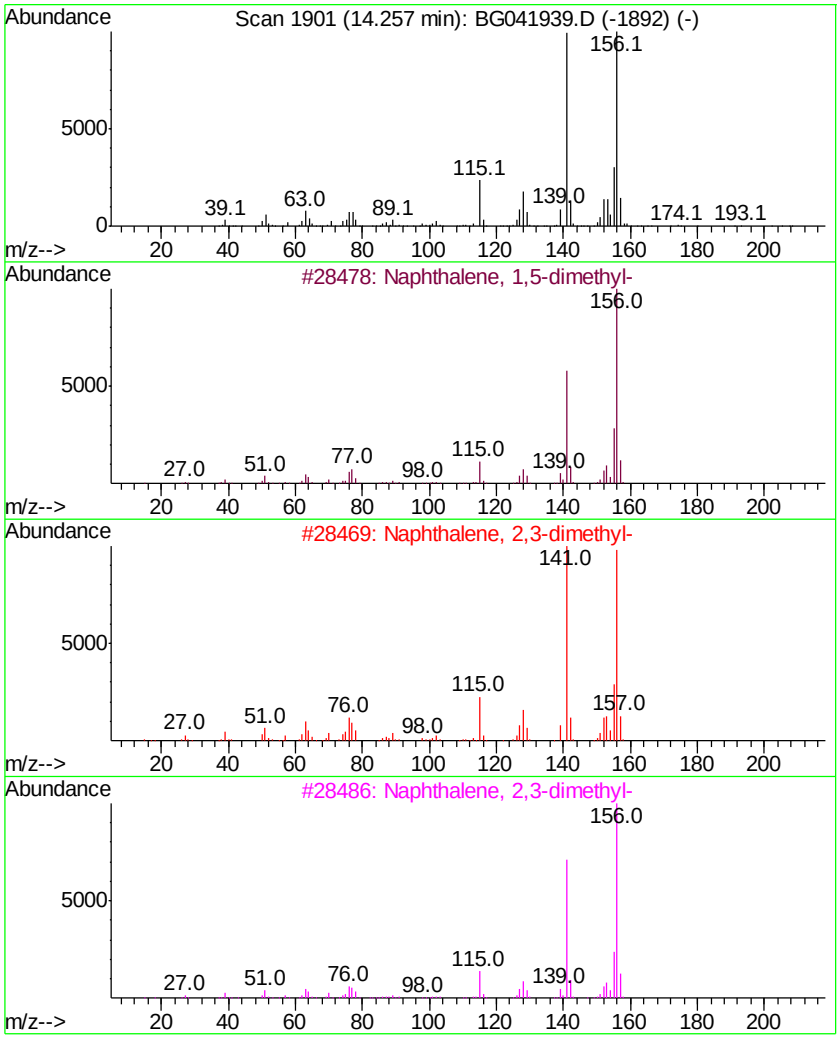
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

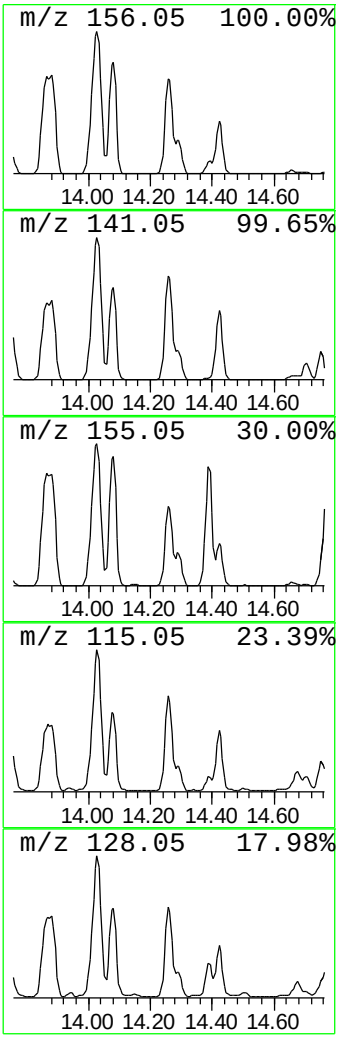
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	37.64 ng/ul	4821080	Acenaphthene-d10	14.70

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





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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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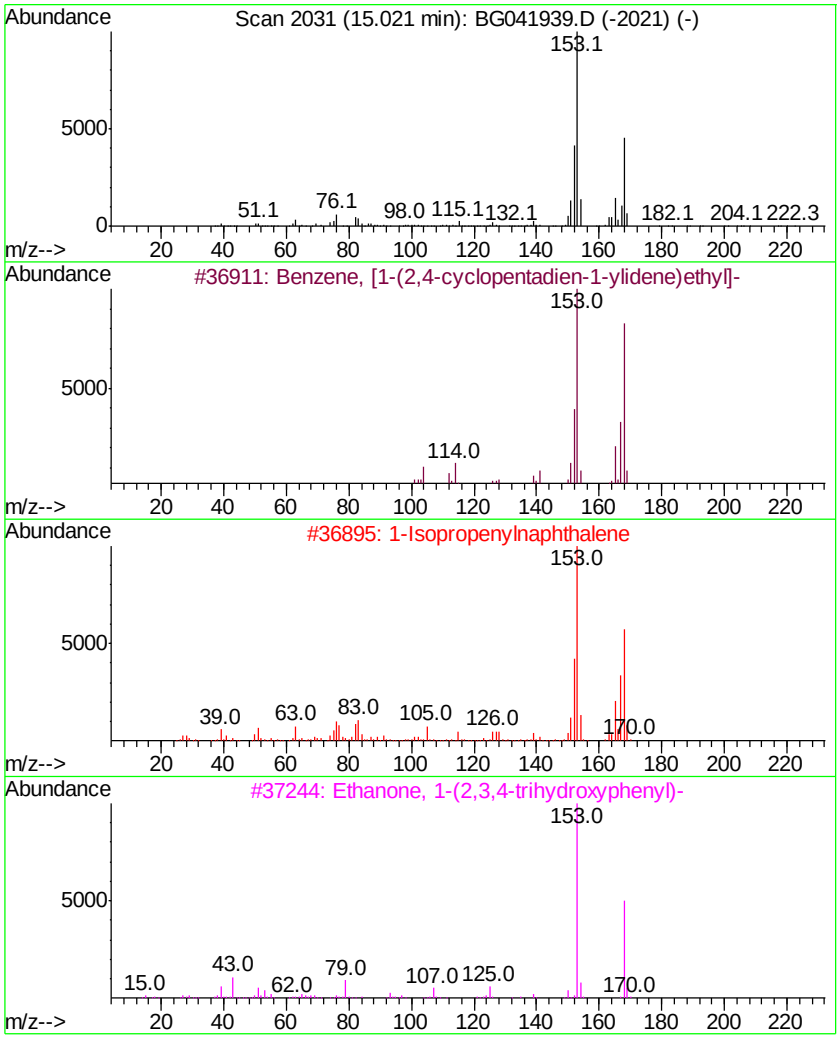
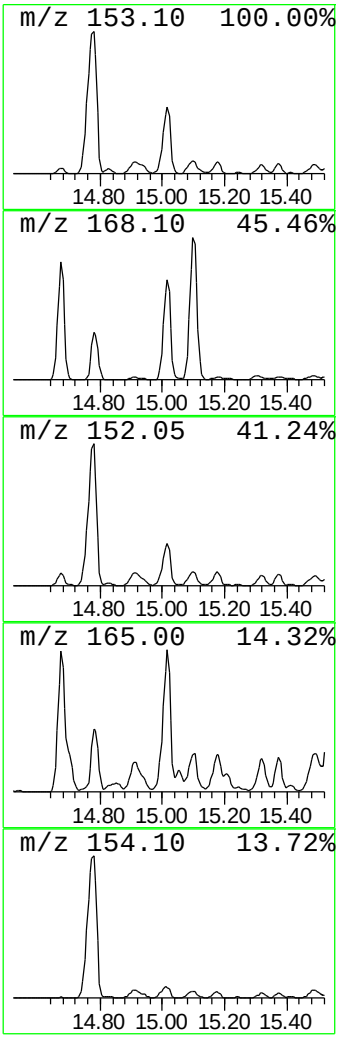
Peak Number 6 Benzene, [1-(2,4-cyclopenta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	44.19 ng/ul	5659640	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	86
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	49
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47





Library Search Compound Report

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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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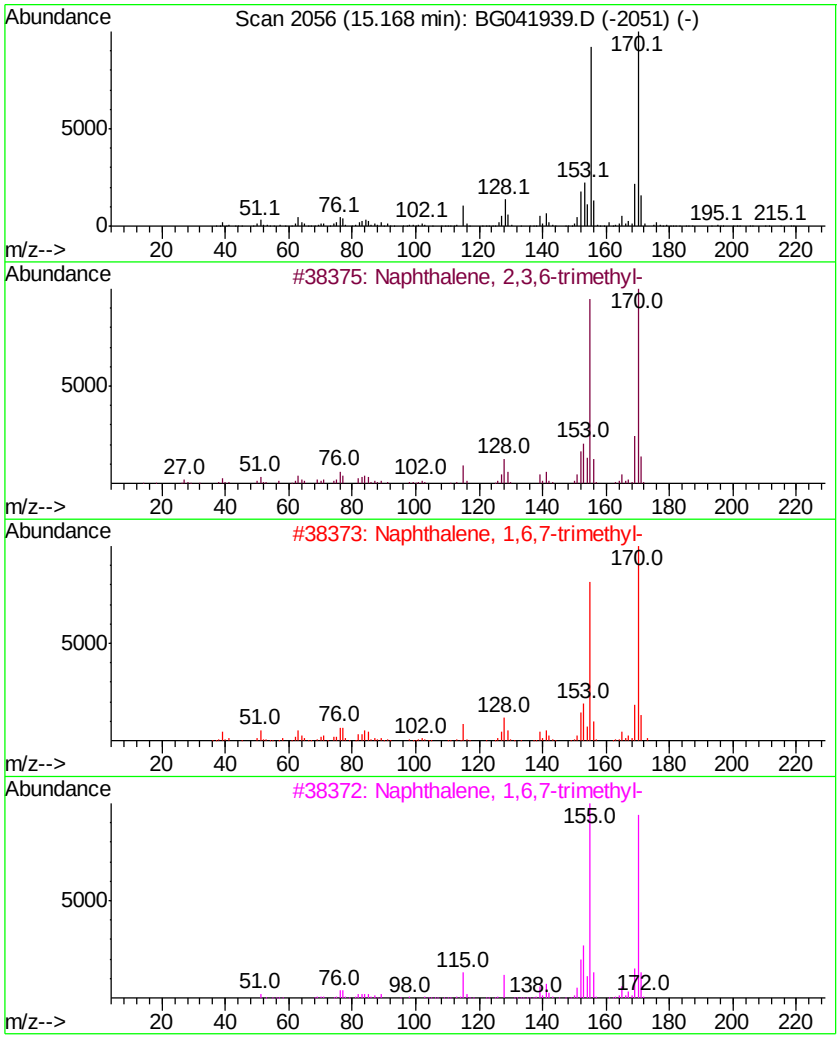
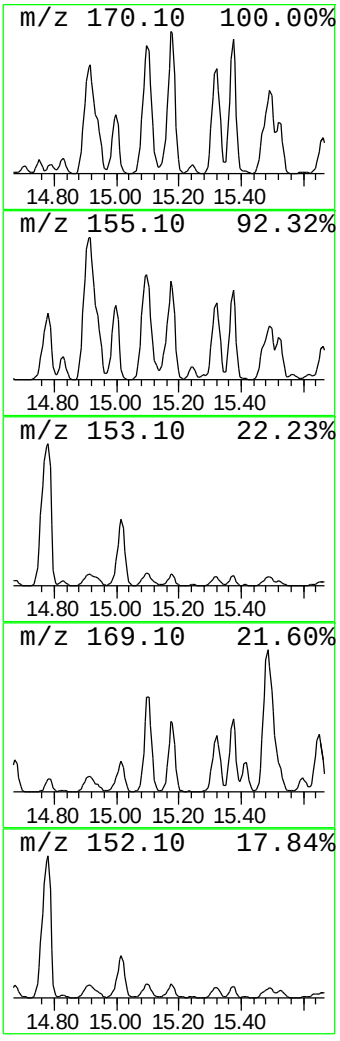
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	28.58 ng/ul	3659940	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, 1,6,7-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	95





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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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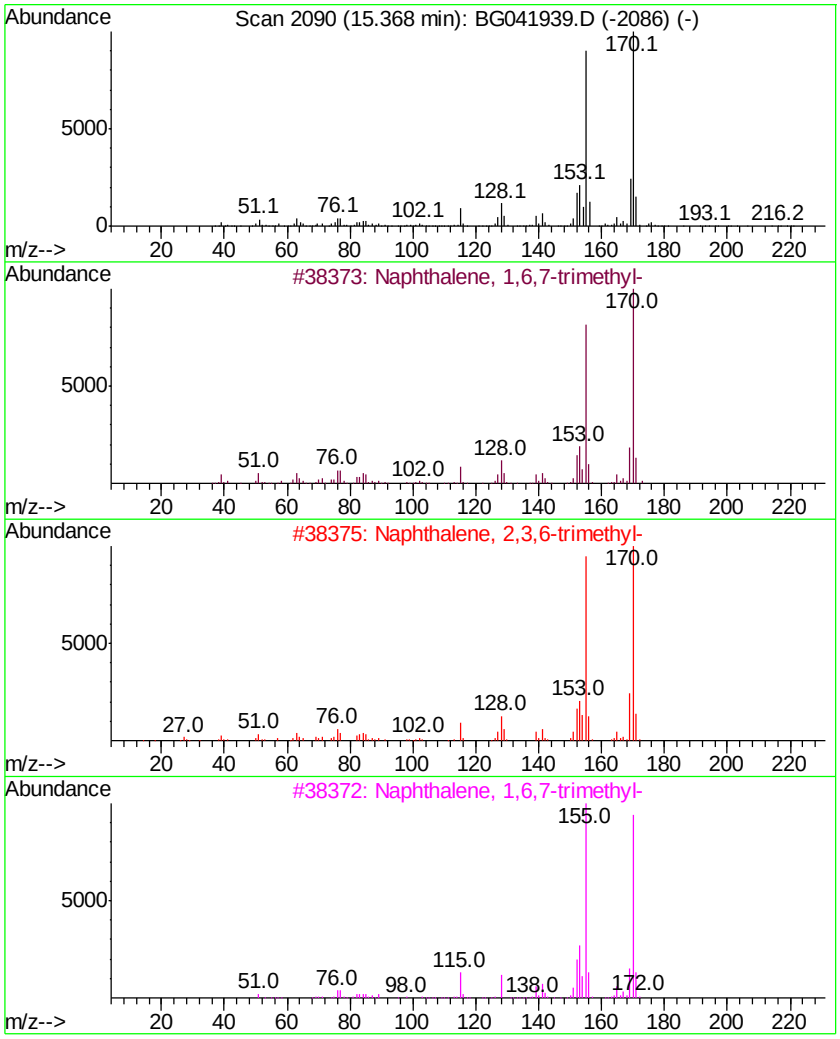
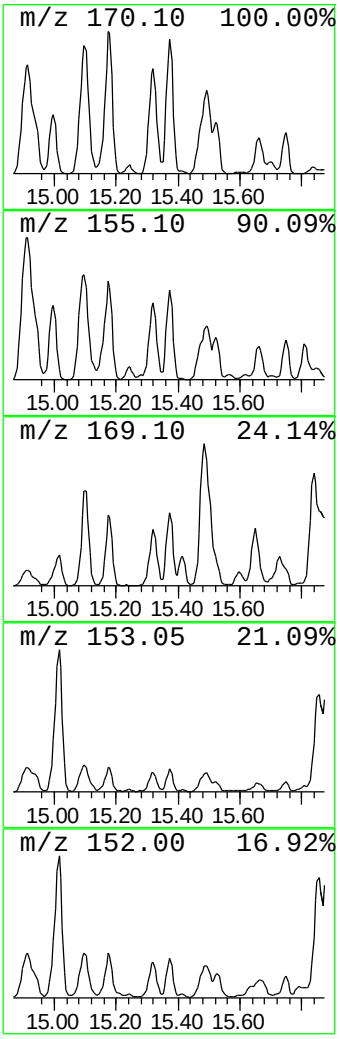
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	23.00 ng/ul	2945150	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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





Library Search Compound Report

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Data File : BG041939.D
Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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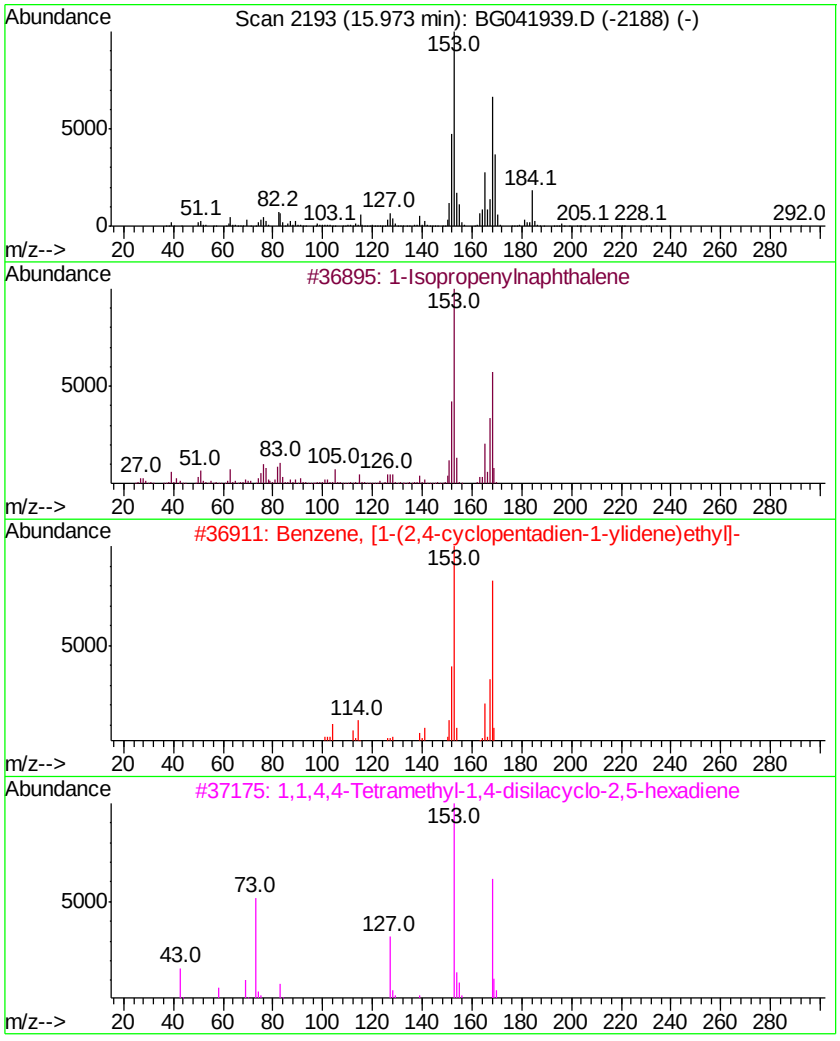
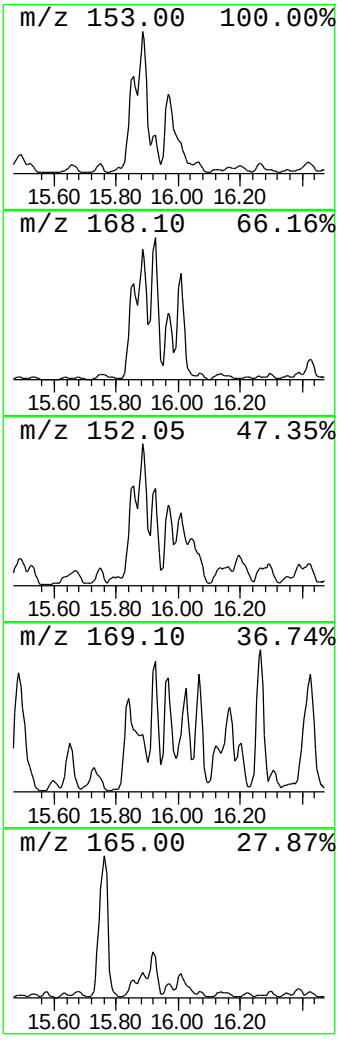
Peak Number 11 1-Isopropenylnaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	22.86 ng/ul	2928270	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	60
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	49
3	1,1,4,4-Tetramethyl-1,4-disilacy...	168	C8H16Si2	020627-53-6	46
4	Benzeneacetonitrile, 3,4-difluoro-	153	C8H5F2N	000658-99-1	35
5	2,5-Dimethoxy-p-phenylenediamine	168	C8H12N2O2	017626-02-7	32





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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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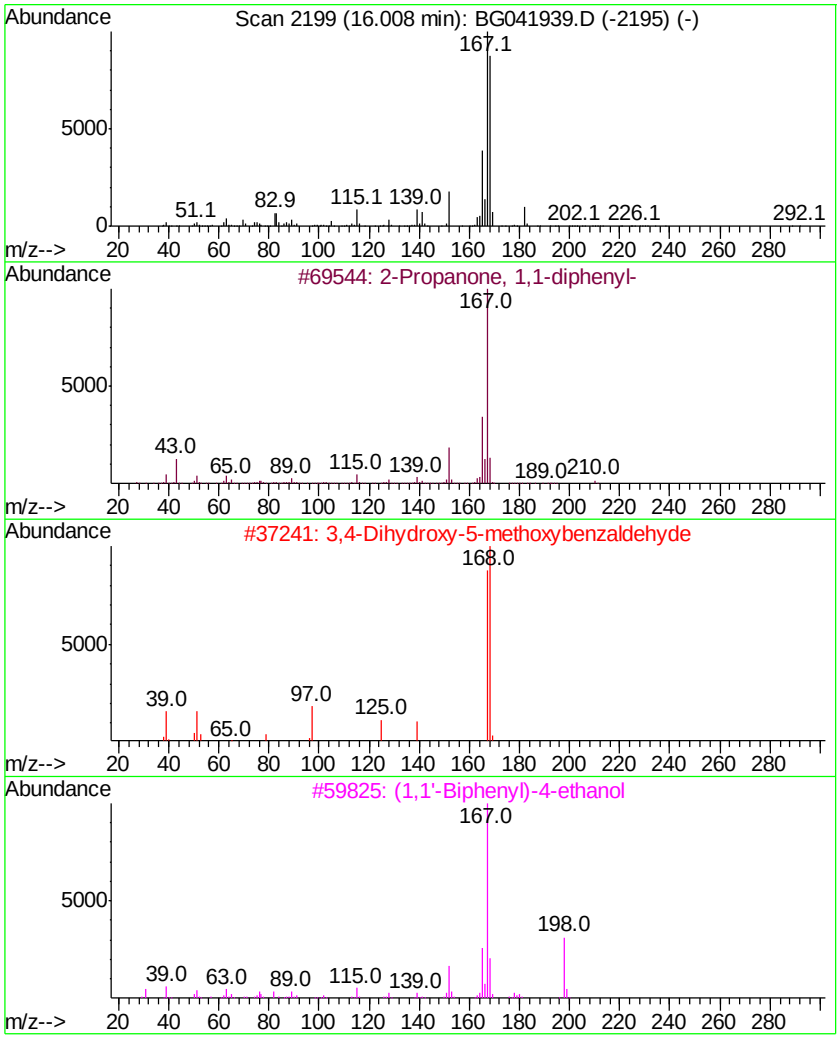
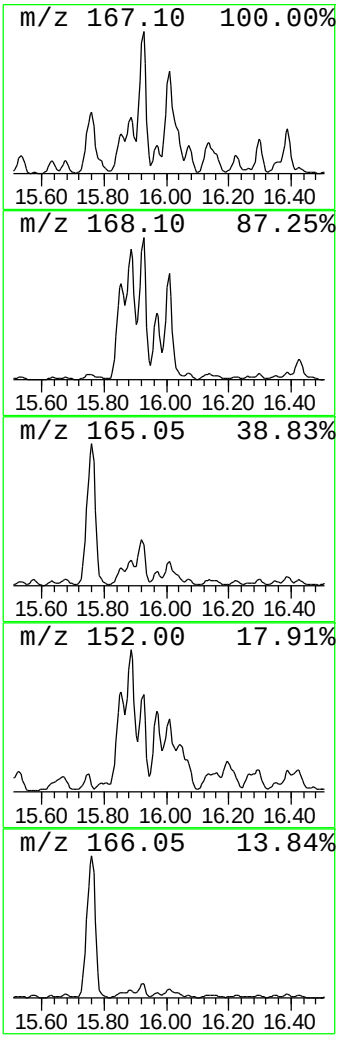
Peak Number 12 2-Propanone, 1,1-diphenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	20.70 ng/ul	2651020	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	52
2	3,4-Dihydroxy-5-methoxybenzaldehyde	168	C8H8O4	003934-87-0	50
3	(1,1'-Biphenyl)-4-ethanol	198	C14H14O	037729-18-3	50
4	Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	50
5	Nordiphenamid	225	C15H15NO	000954-21-2	47





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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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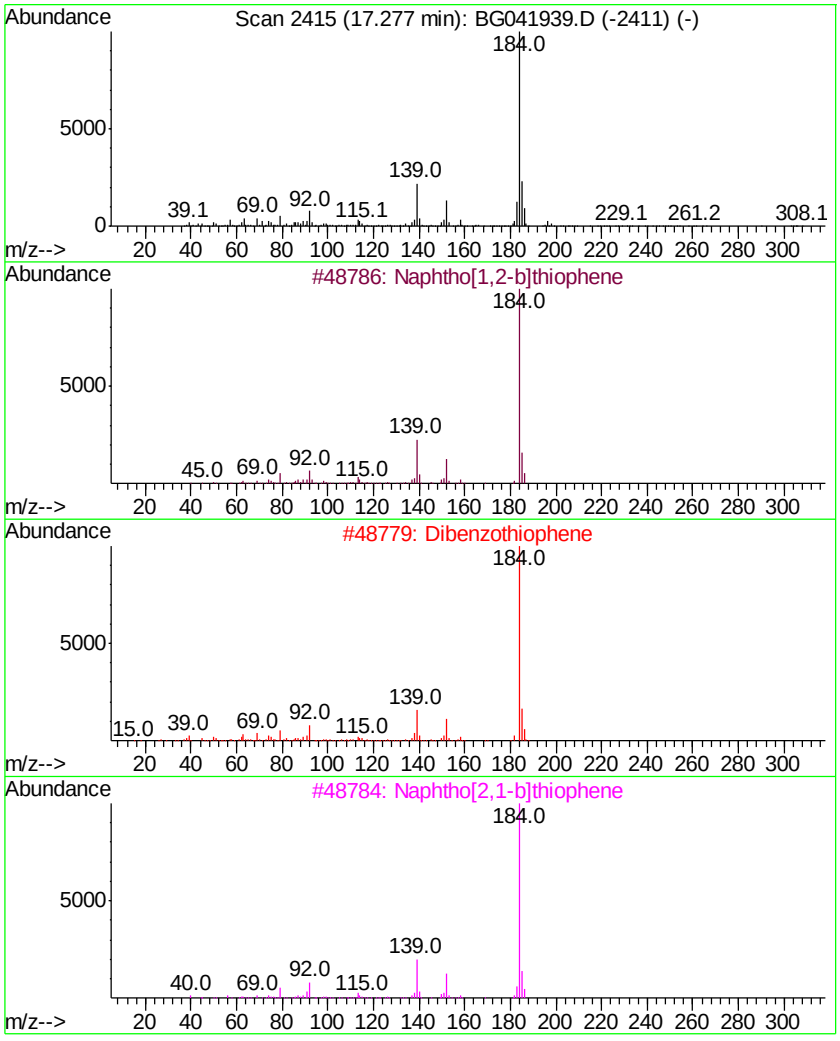
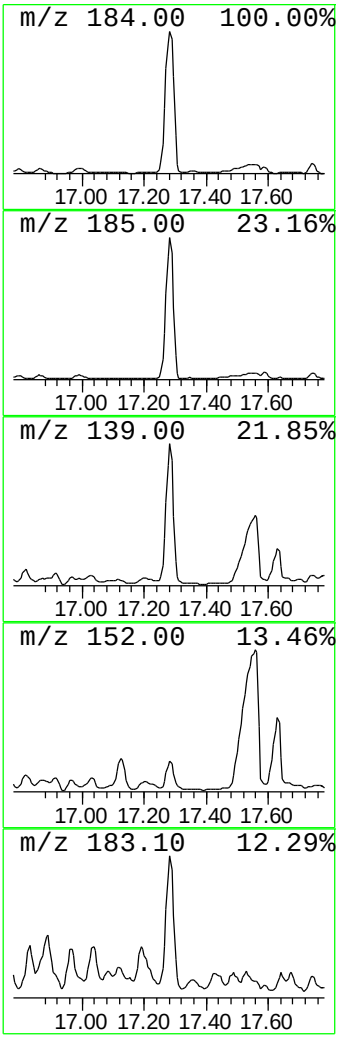
Peak Number 13 Naphtho[1,2-b]thiophene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	2.92 ng/ul	9956690	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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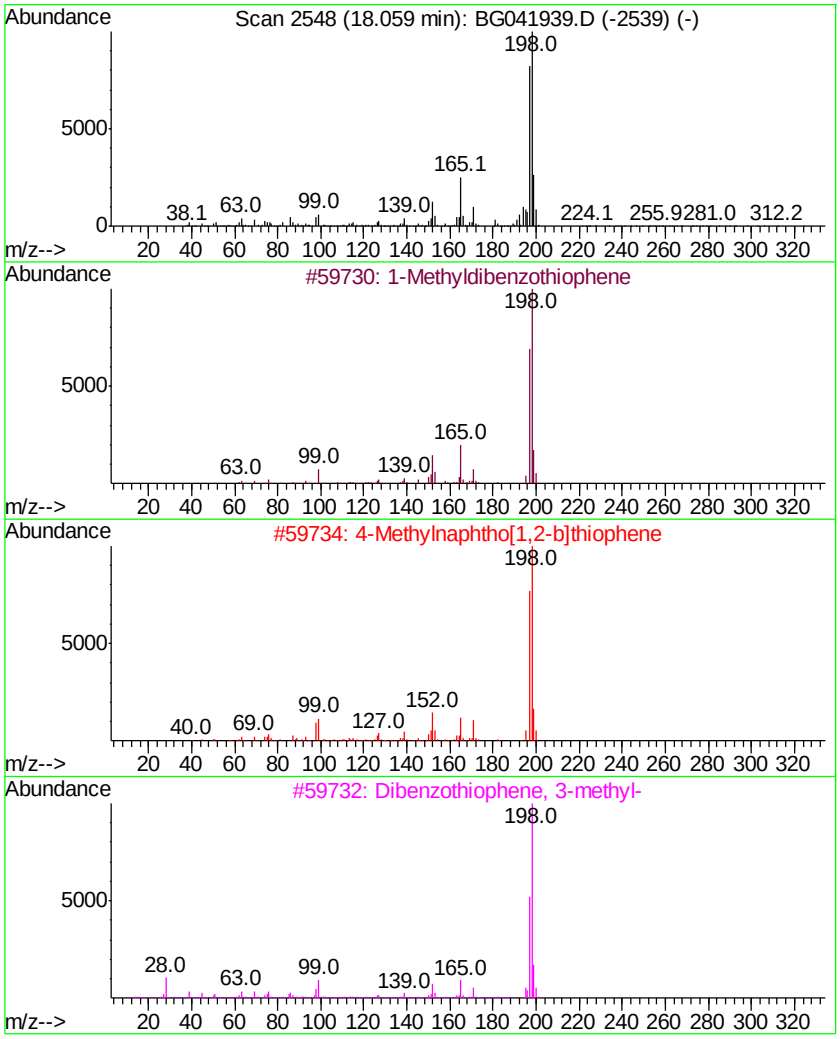
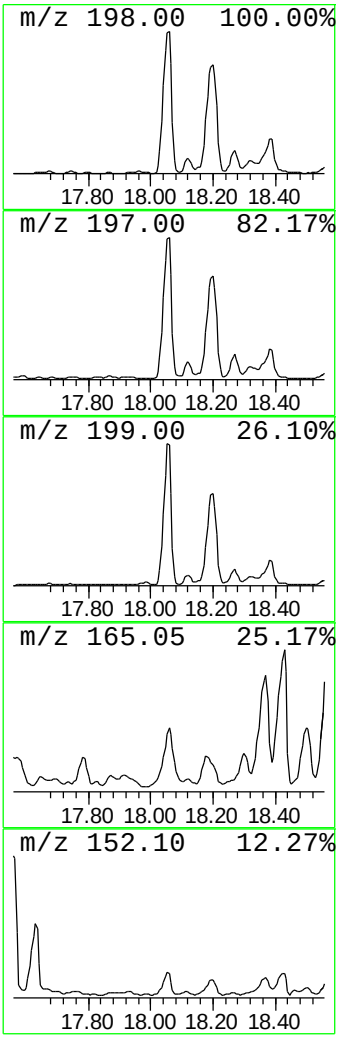
Peak Number 14 1-Methyldibenzothiophene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.55 ng/ul	12089800	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	94
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	72
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	70
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	58





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Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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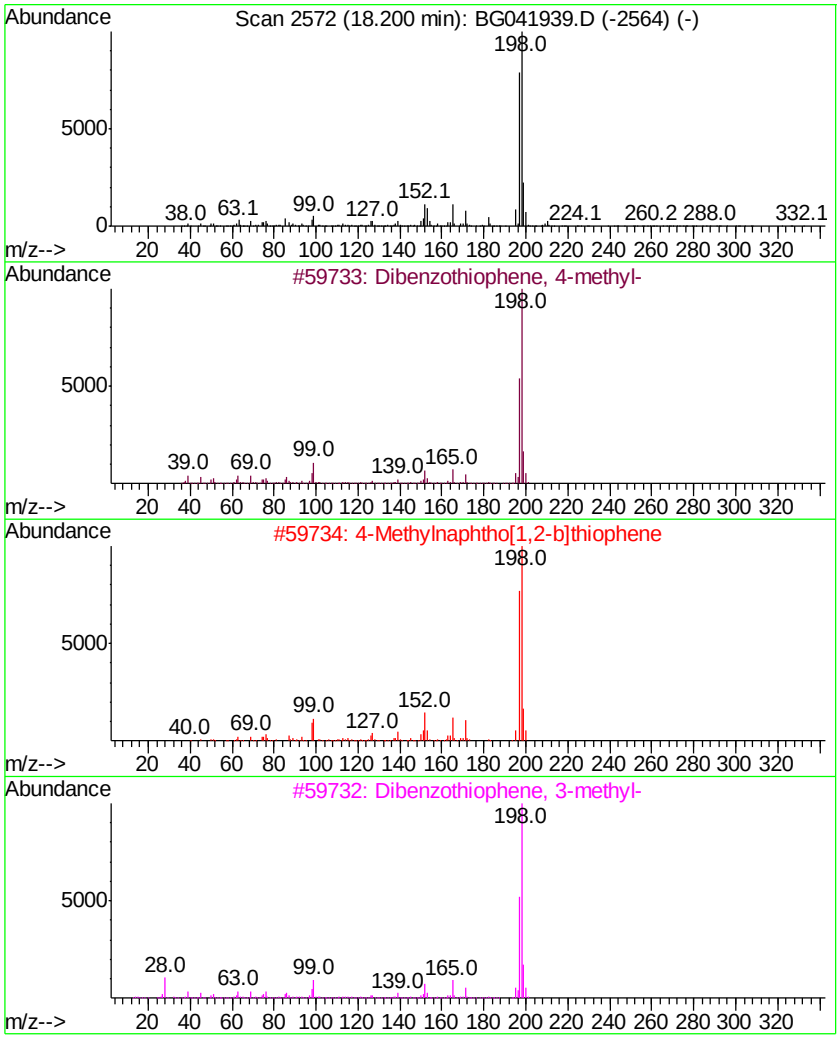
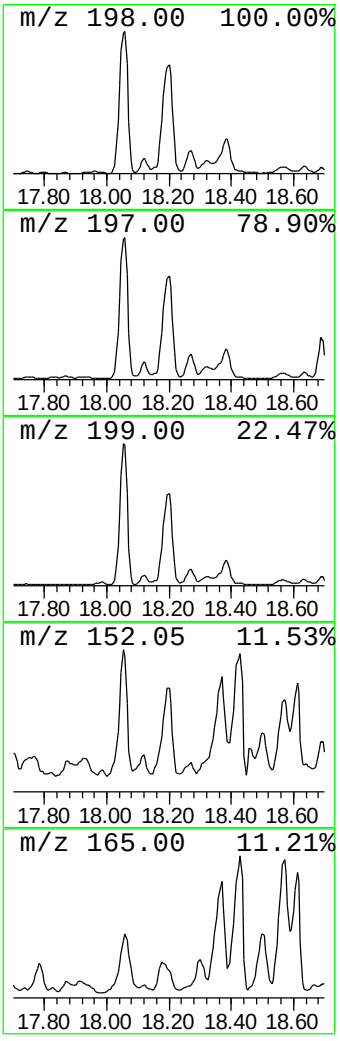
Peak Number 15 Dibenzothiophene, 4-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.44 ng/ul	8304880	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	93
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	76
4	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	72
5	O,O,O-Triethyl thiophosphate	198	C6H15O3PS	000126-68-1	70





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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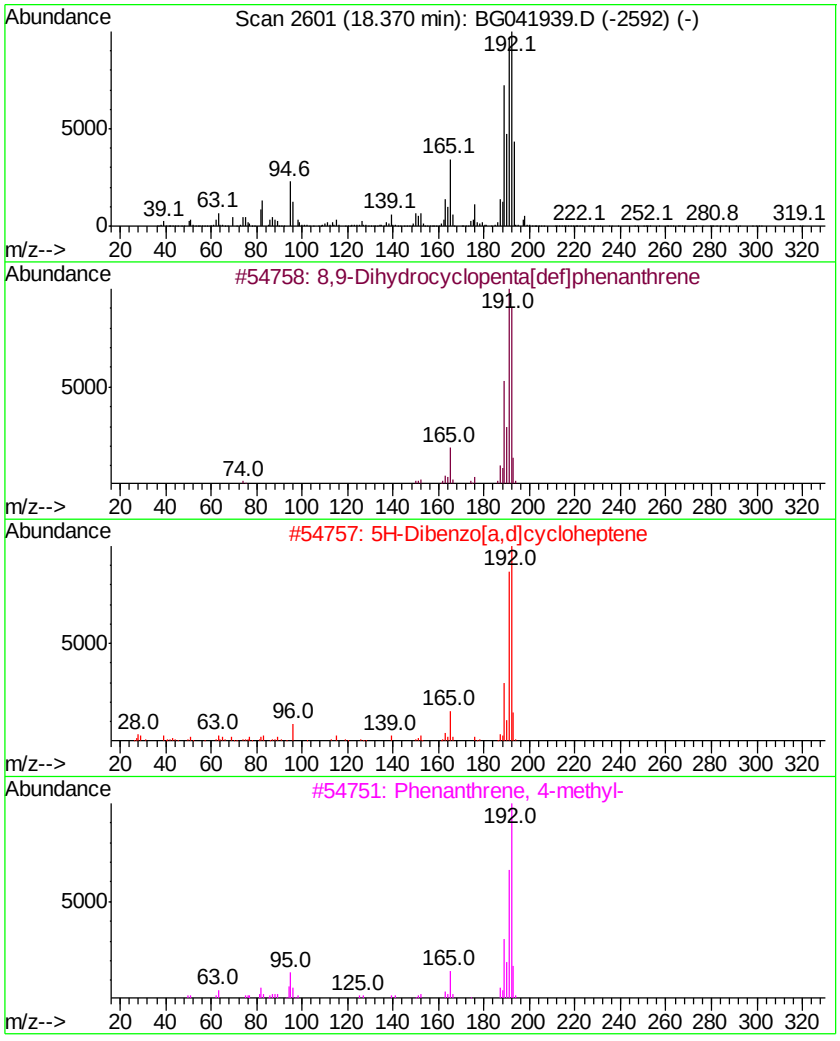
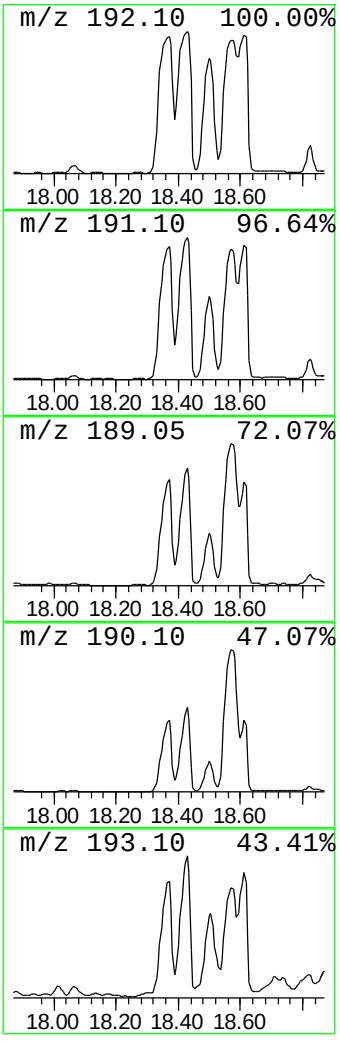
Peak Number 16 8,9-Dihydrocyclopenta[def]p... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	8.06 ng/ul	27464700	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	70
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	53





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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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Quant Title : SVOA CALIBRATION

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

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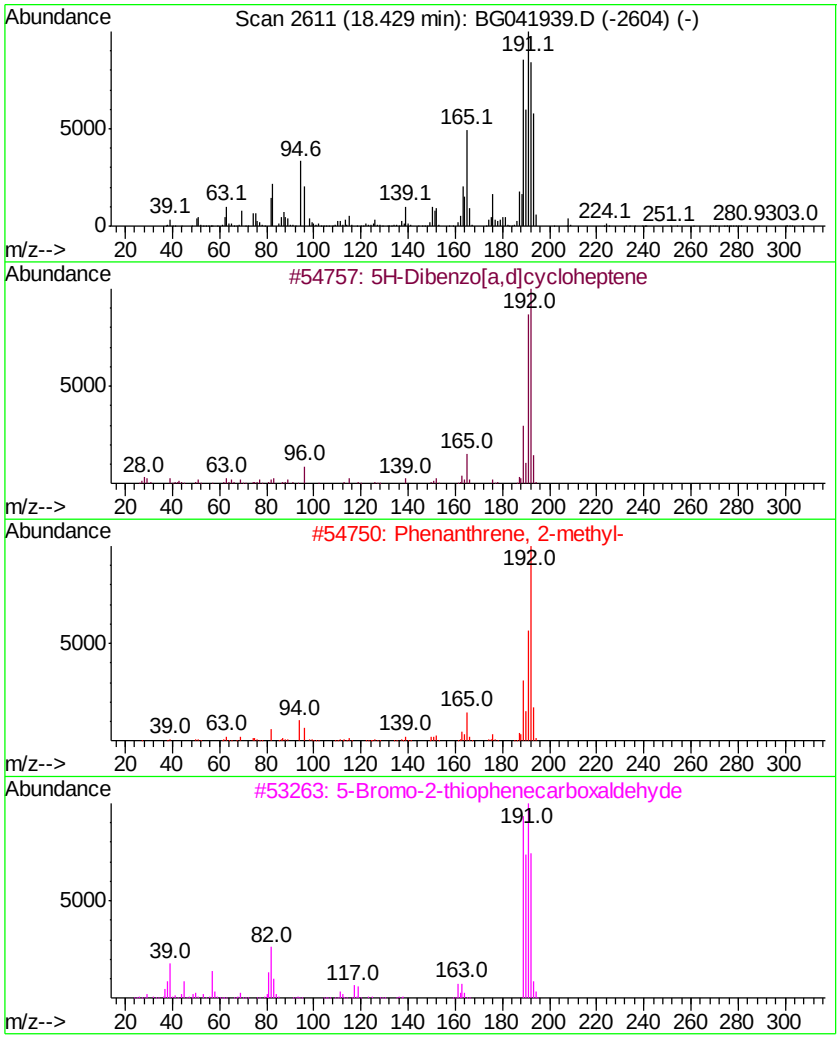
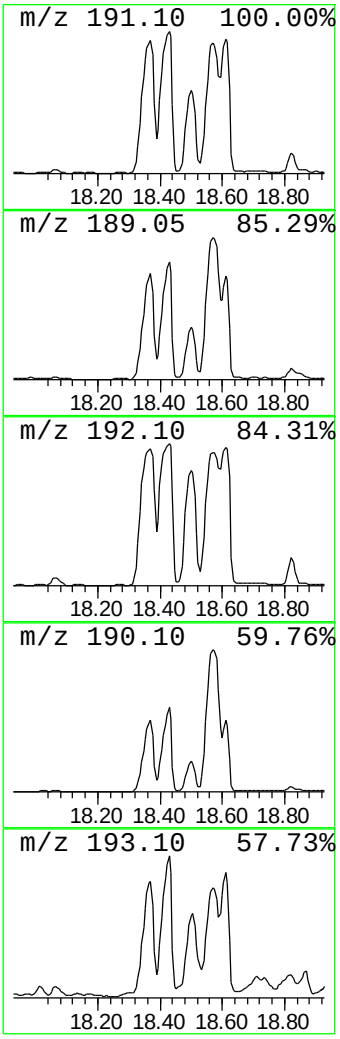
Peak Number 17 5H-Dibenzo[a,d]cycloheptene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	9.27 ng/ul	31578200	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
3	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	52
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
5	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50





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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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Quant Title : SVOA CALIBRATION

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

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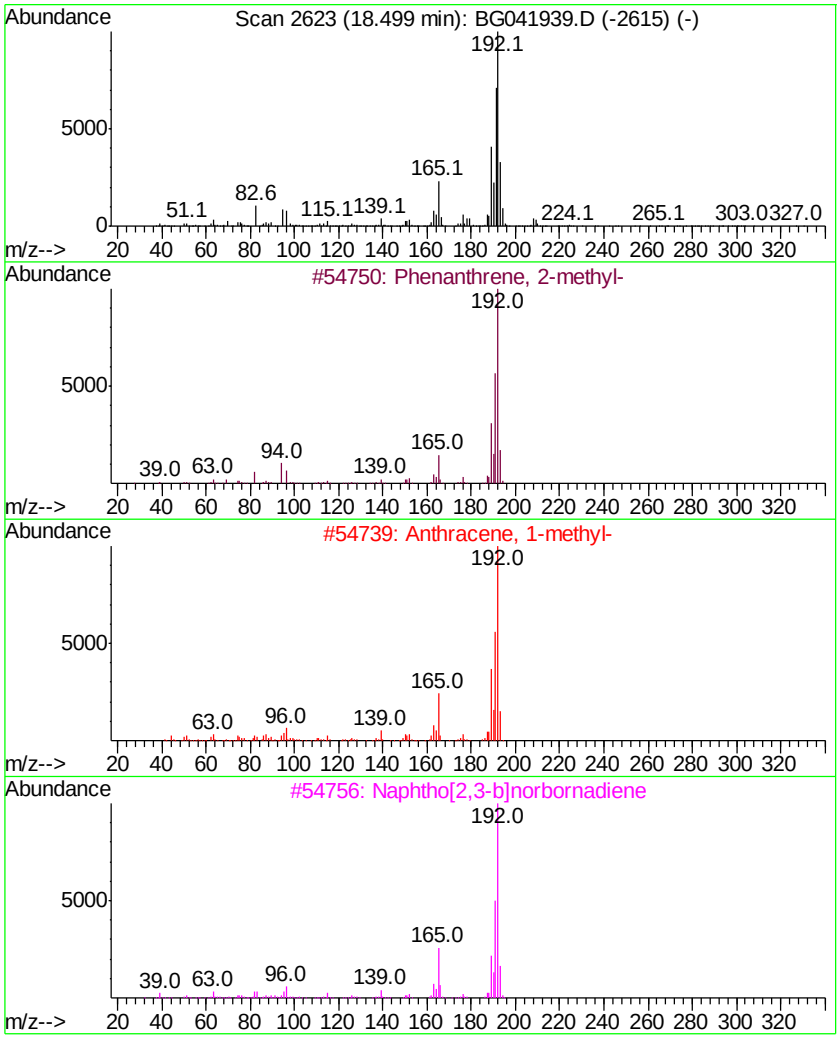
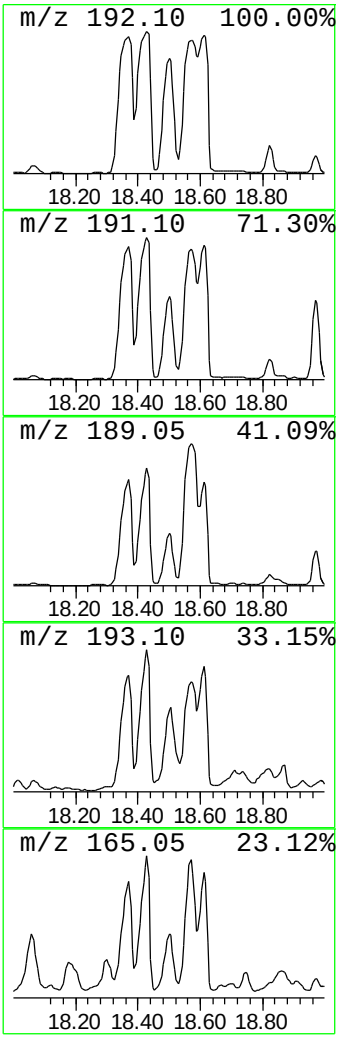
Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	4.42 ng/ul	15060700	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	70
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70





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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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Quant Title : SVOA CALIBRATION

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

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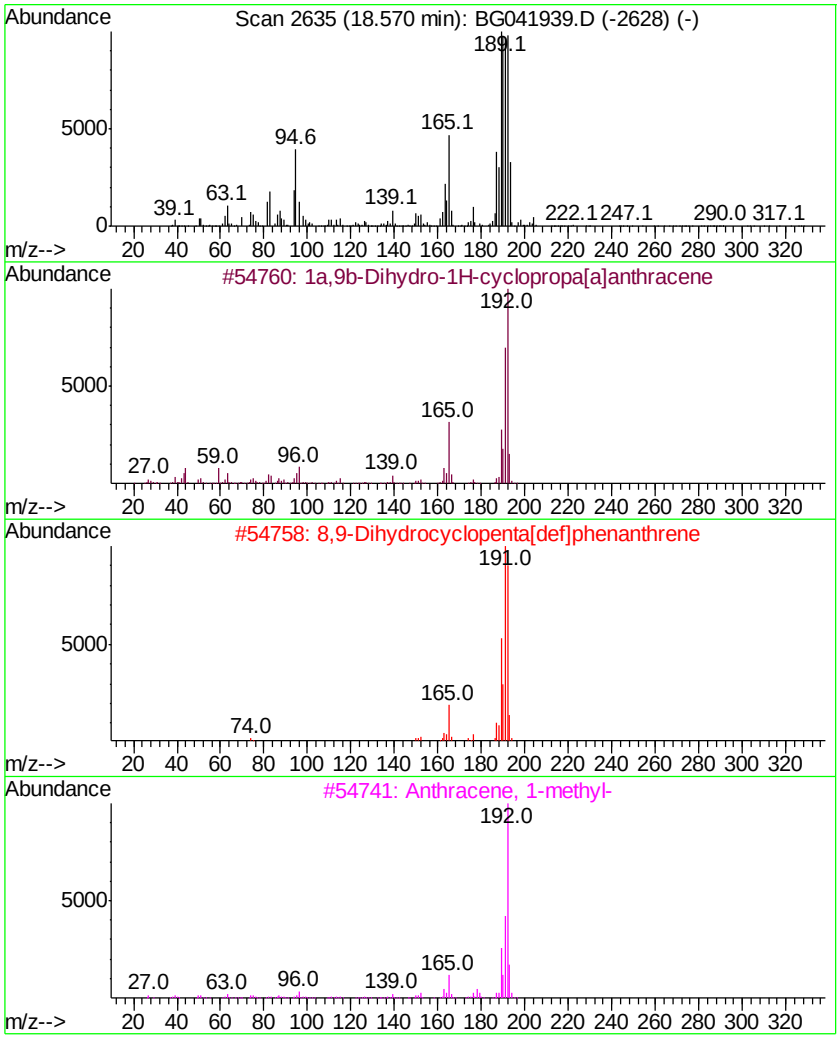
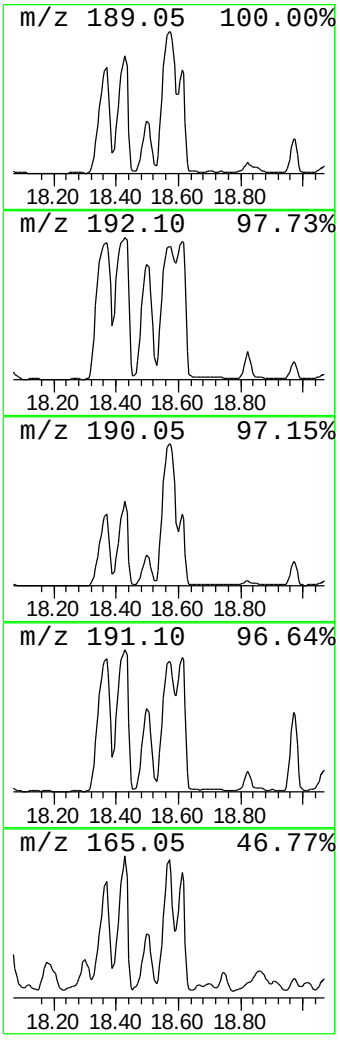
Peak Number 19 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	11.34 ng/ul	38644300	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46
2	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	41





Library Search Compound Report

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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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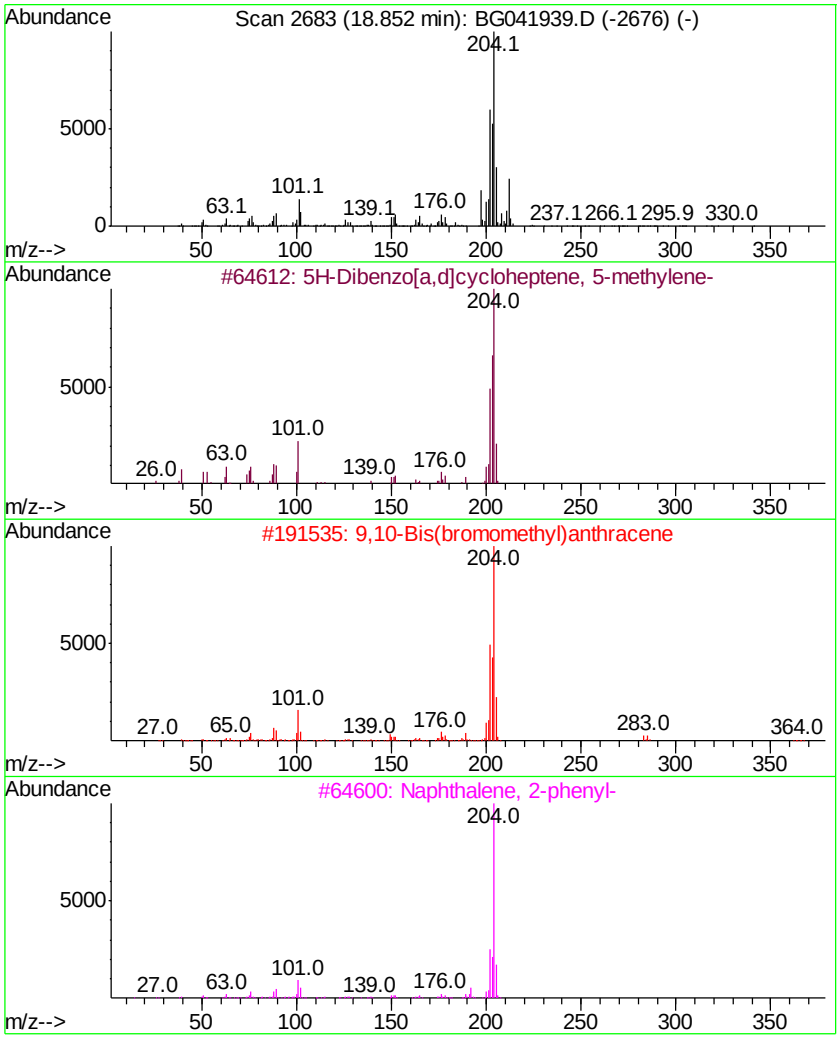
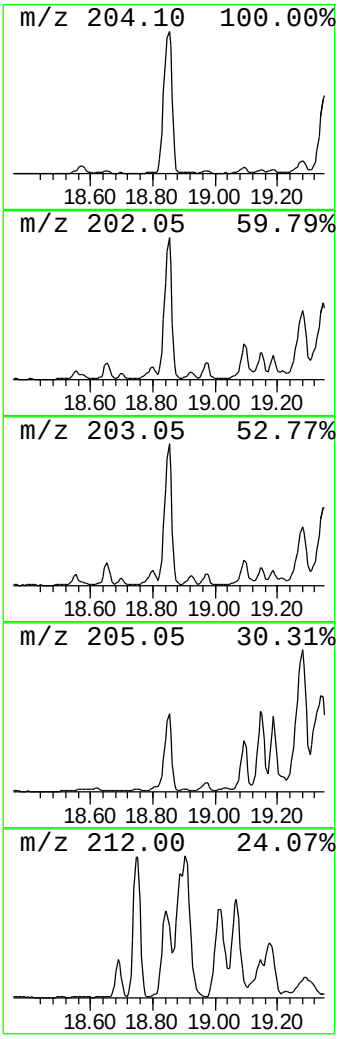
Peak Number 21 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	4.13 ng/ul	14070200	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	91
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46





Library Search Compound Report

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Data File : BG041939.D
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Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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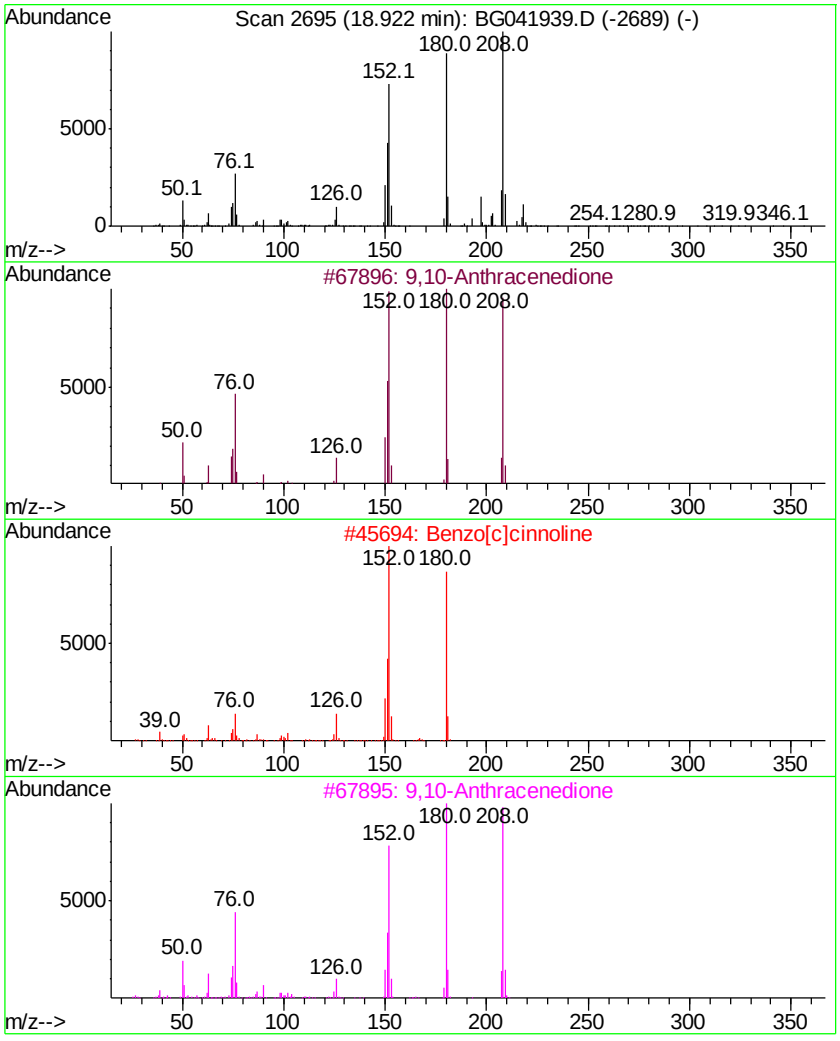
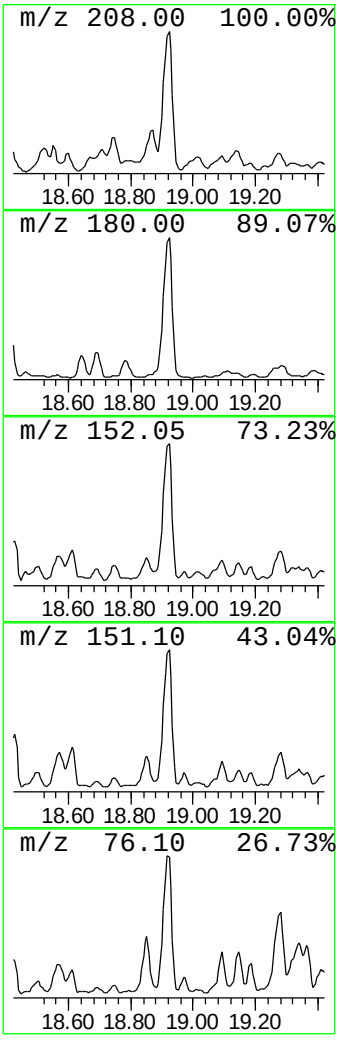
Peak Number 22 9,10-Anthracenedione Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.85 ng/ul	13111300	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





Library Search Compound Report

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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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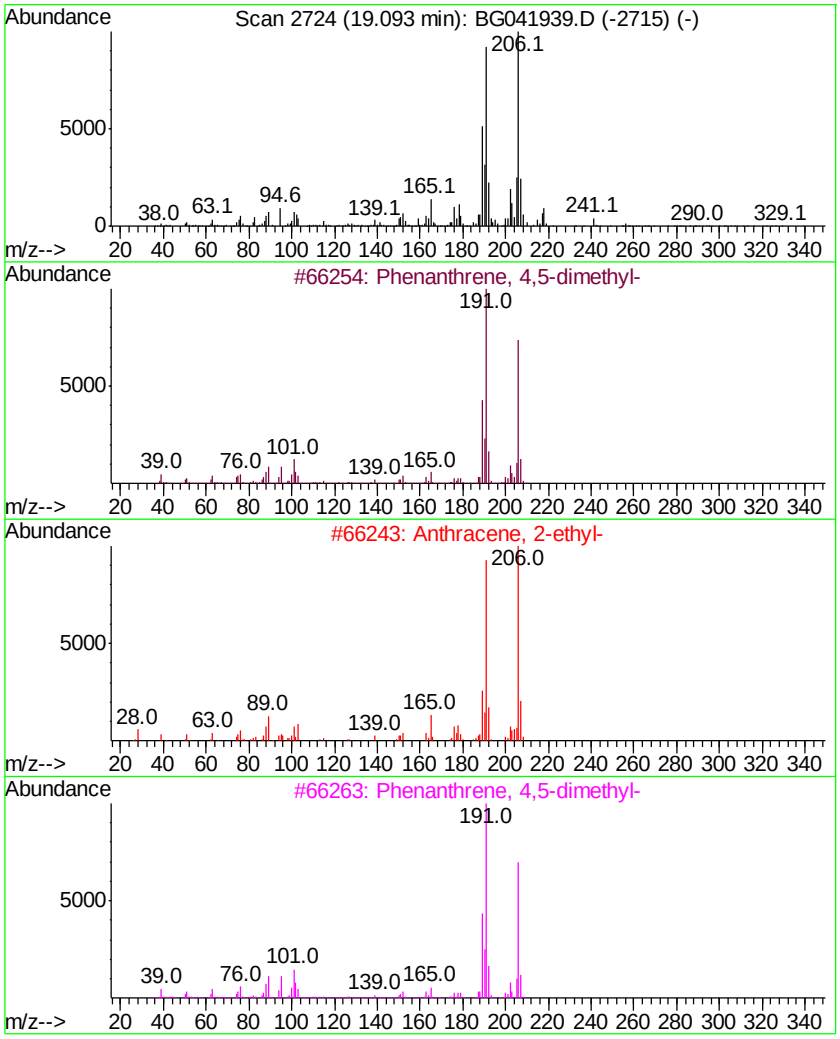
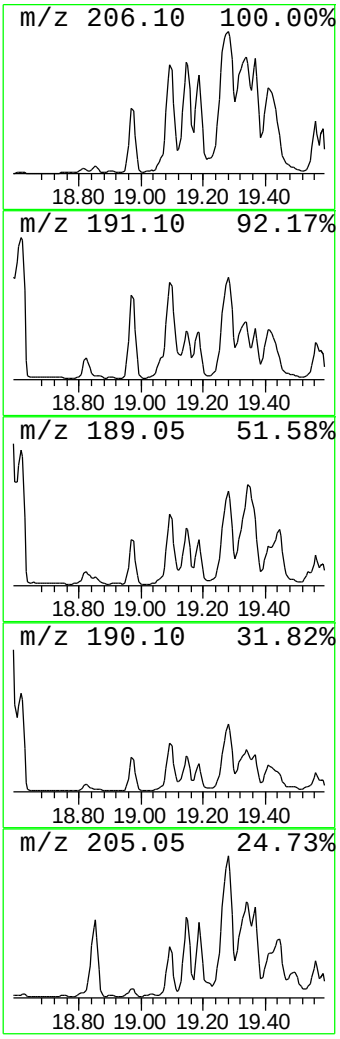
Peak Number 23 Phenanthrene, 4,5-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	5.00 ng/ul	17036000	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81





Library Search Compound Report

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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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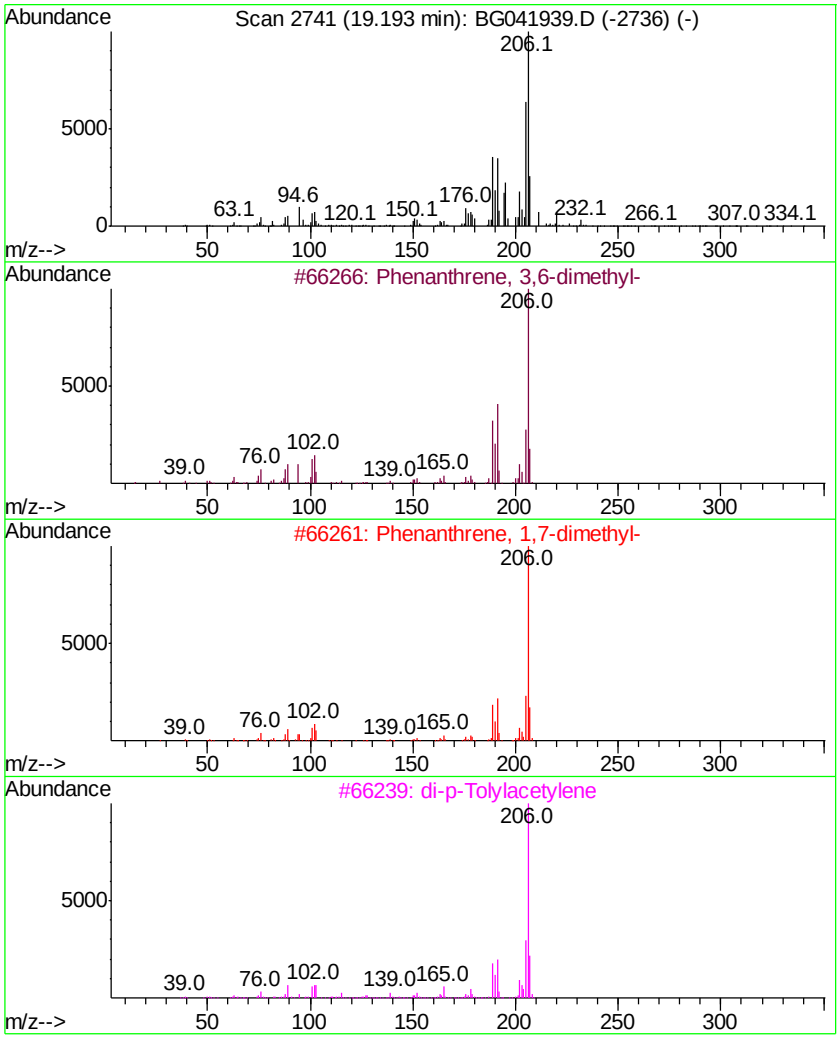
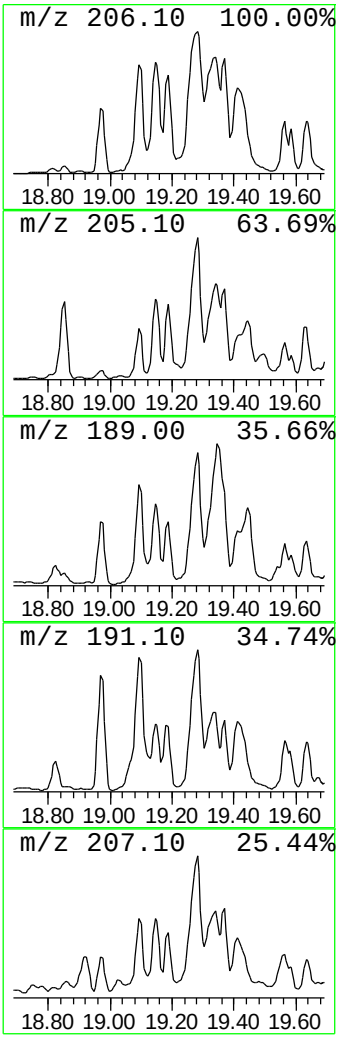
Peak Number 24 Phenanthrene, 3,6-dimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.24 ng/ul	7623860	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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Data File : BG041939.D
Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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Quant Title : SVOA CALIBRATION

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

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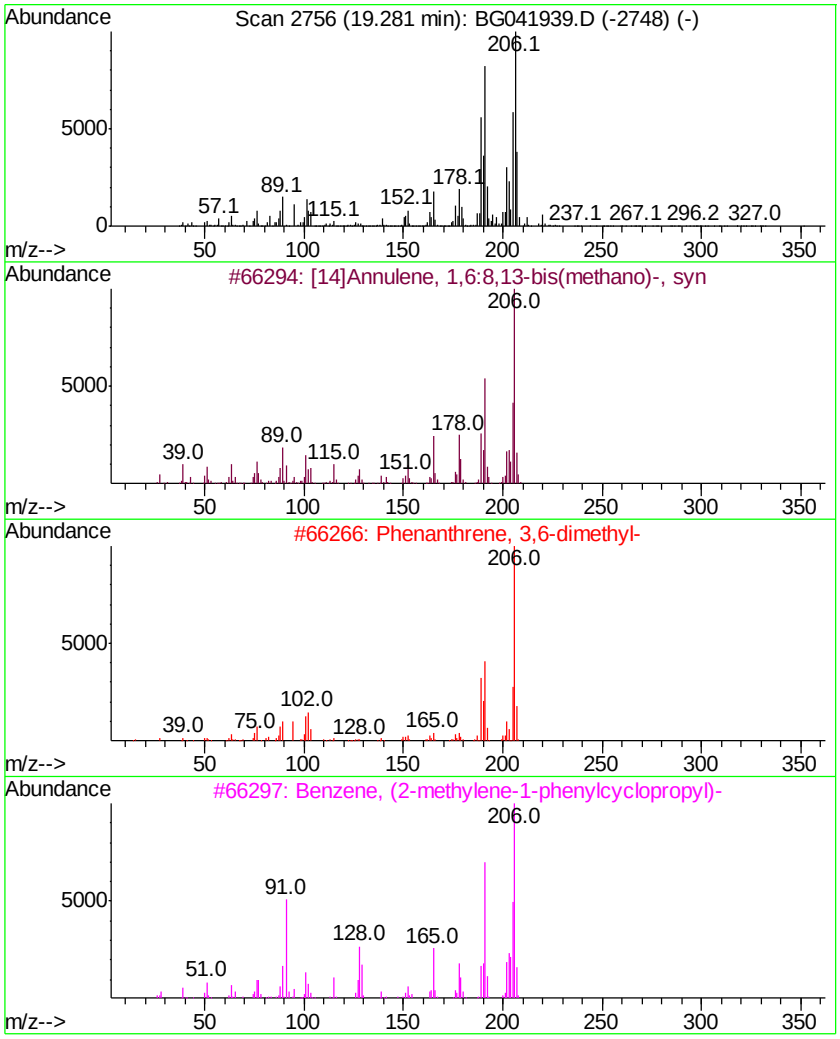
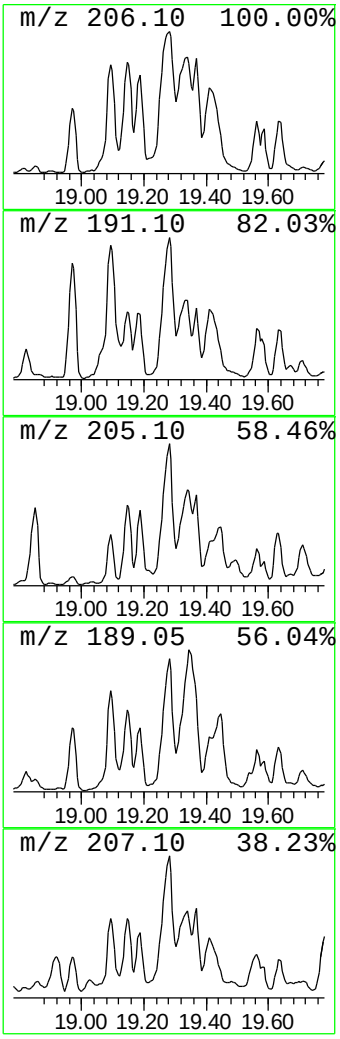
Peak Number 25 [14]Annulene, 1,6:8,13-bis(... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	7.66 ng/ul	26092800	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	83
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
3	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	64
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	62
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	60





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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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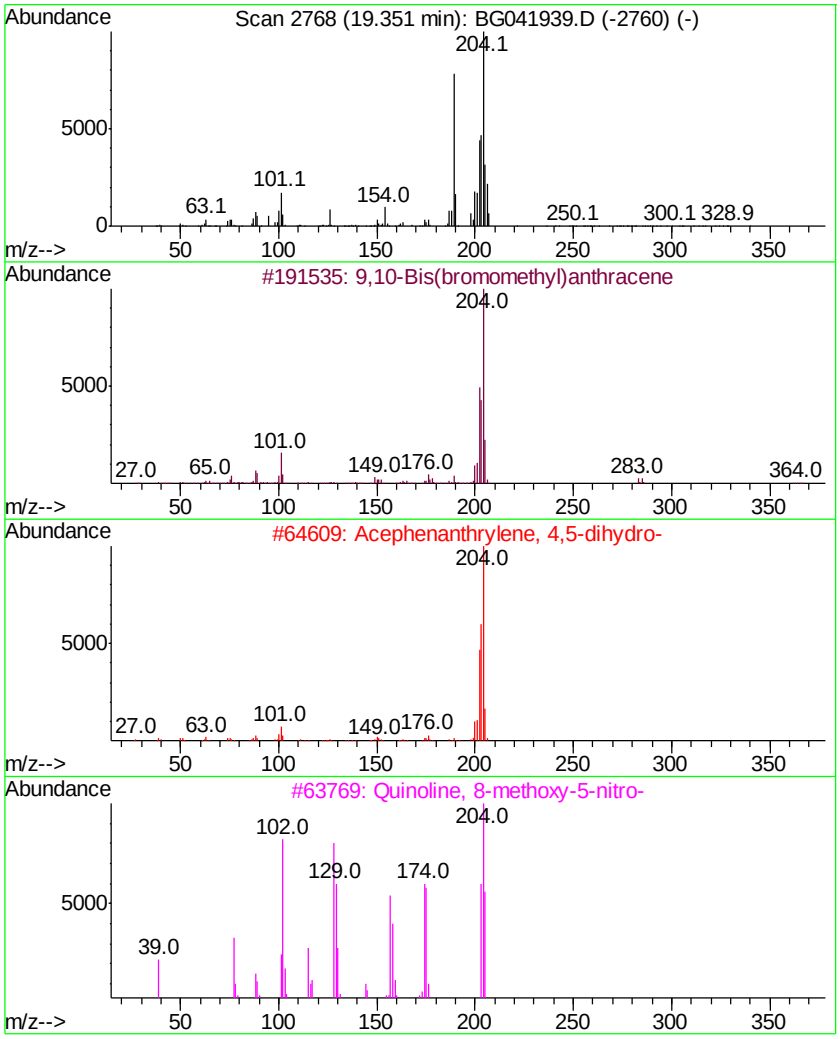
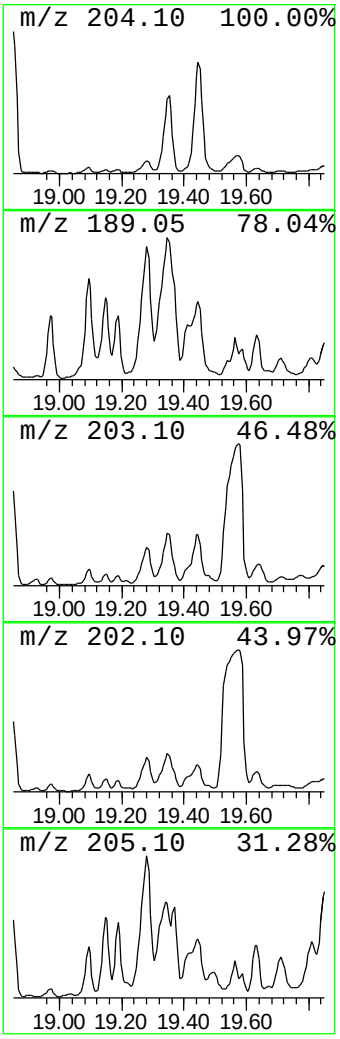
Peak Number 26 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	7.00 ng/ul	23843000	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	46
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
3	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	38
4	(7-Isopropylidenebicyclo[2.2.1]h...	204	C13H16O2	1000211-02-2	27
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	25





Library Search Compound Report

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Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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Quant Title : SVOA CALIBRATION

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

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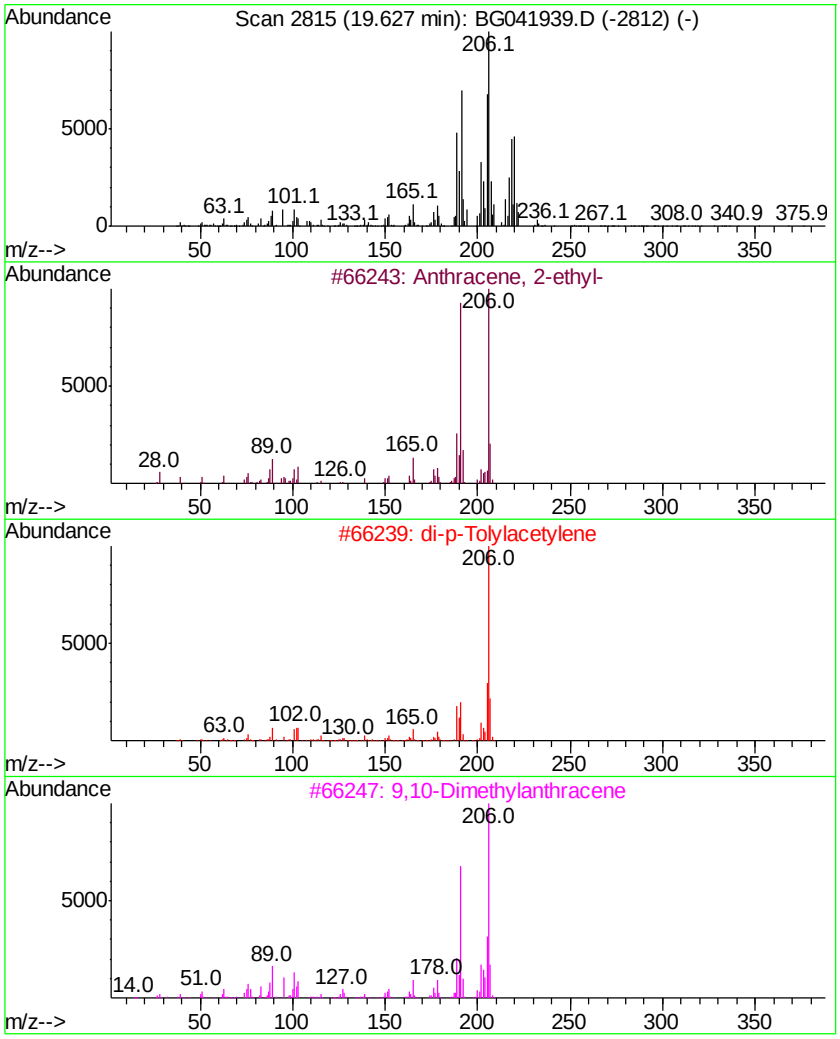
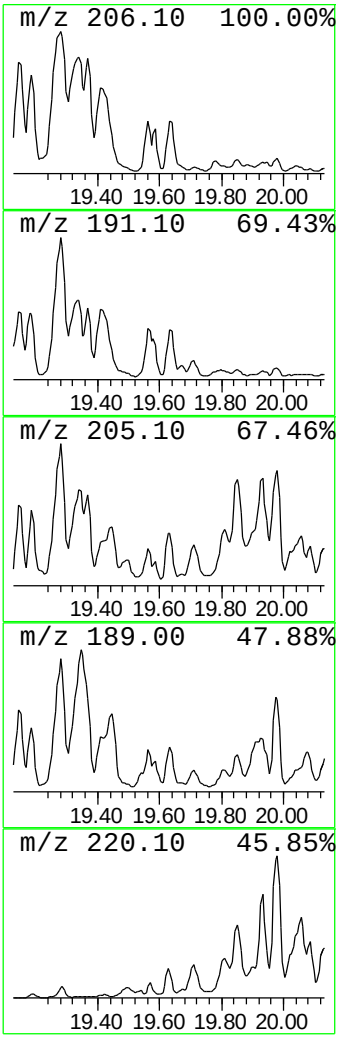
Peak Number 27 Anthracene, 2-ethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	2.66 ng/ul	9075600	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	62
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58





Library Search Compound Report

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Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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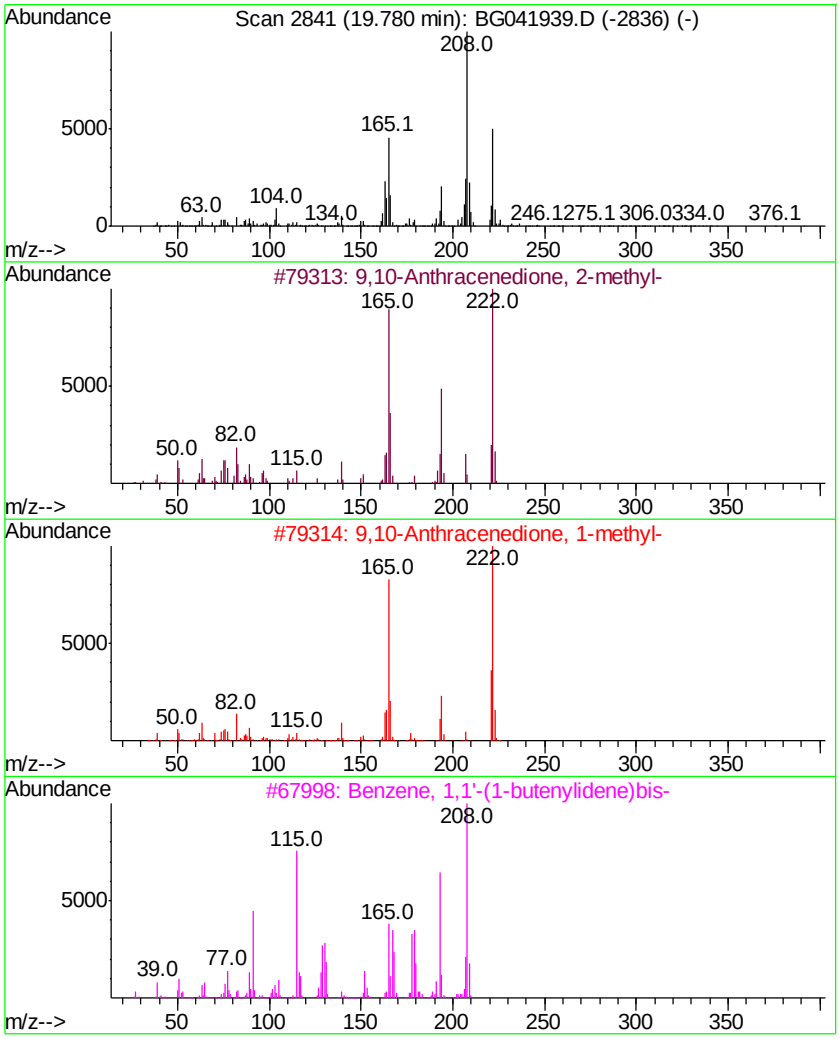
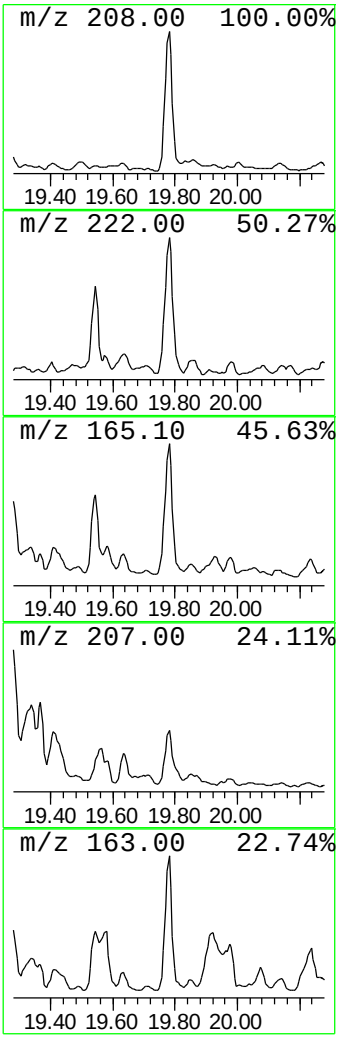
Peak Number 28 9,10-Anthracenedione, 2-met... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	4.71 ng/ul	12071500	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	62
2	9,10-Anthracenedione, 1-methyl-	222	C15H10O2	000954-07-4	49
3	Benzene, 1,1'-(1-butenylidene)bis-	208	C16H16	001726-14-3	49
4	1,6-Dimethylphenazine	208	C14H12N2	058718-43-7	41
5	Phenanthrene, 2-methoxy-	208	C15H12O	013837-48-4	38





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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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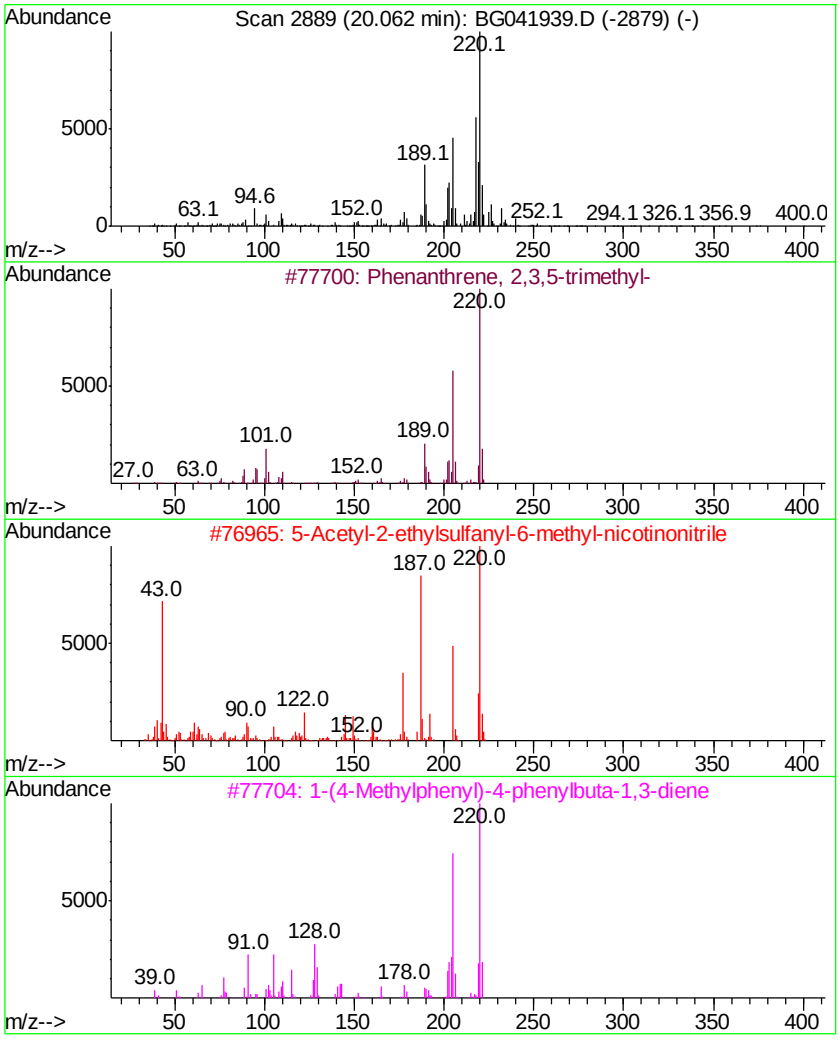
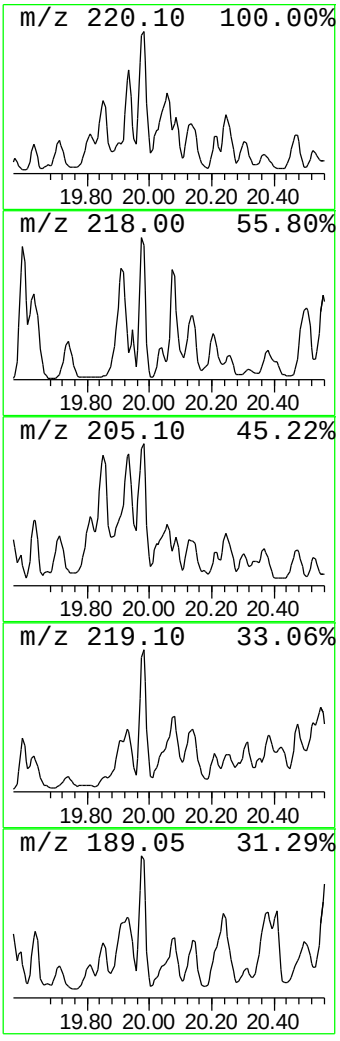
Peak Number 29 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.90 ng/ul	7426050	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	53
2	5-Acetyl-2-ethylsulfanyl-6-methy...	220	C11H12N2OS	303146-26-1	49
3	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	47
4	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	47
5	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	46





Library Search Compound Report

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Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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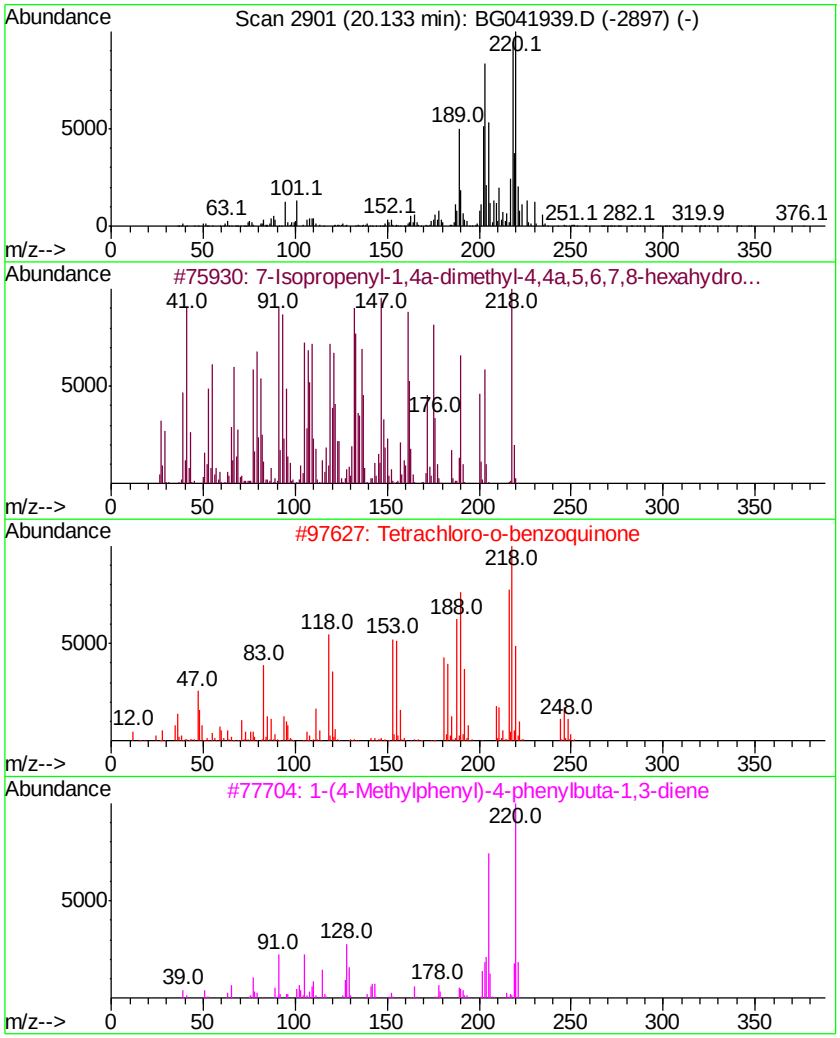
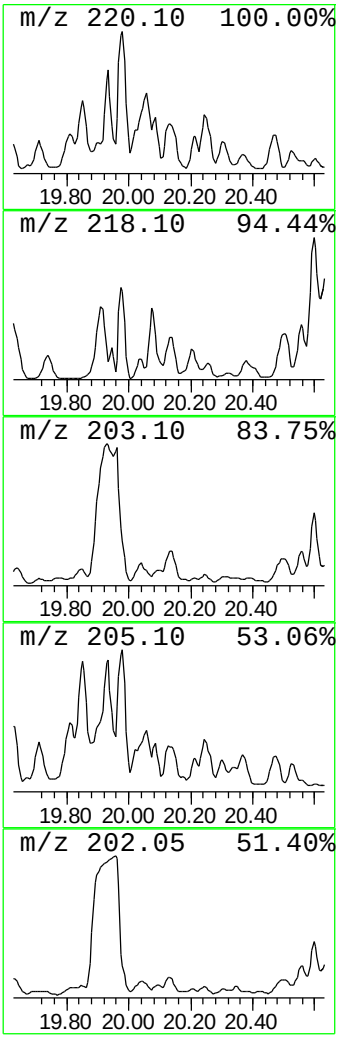
Peak Number 30 7-Isopropenyl-1,4a-dimethyl... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	2.64 ng/ul	6758340	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	91
2	Tetrachloro-o-benzoquinone	244	C6Cl4O2	002435-53-2	60
3	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	42
4	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	41
5	Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	27





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Data File : BG041939.D
Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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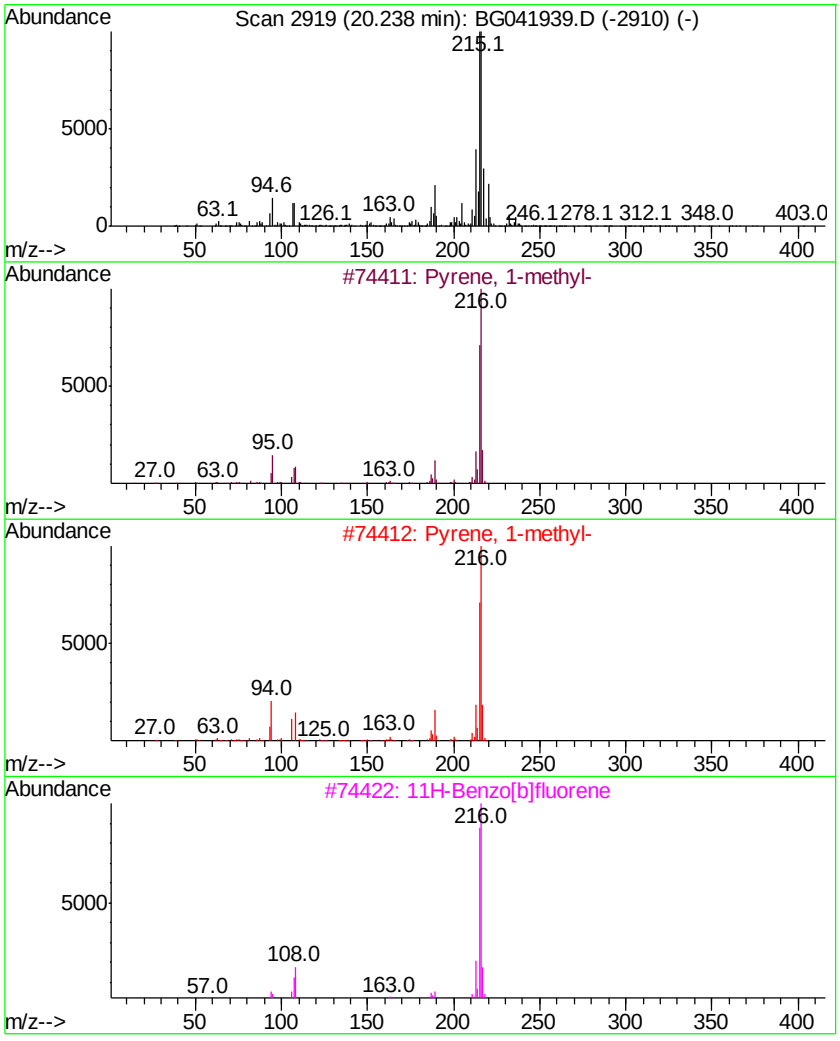
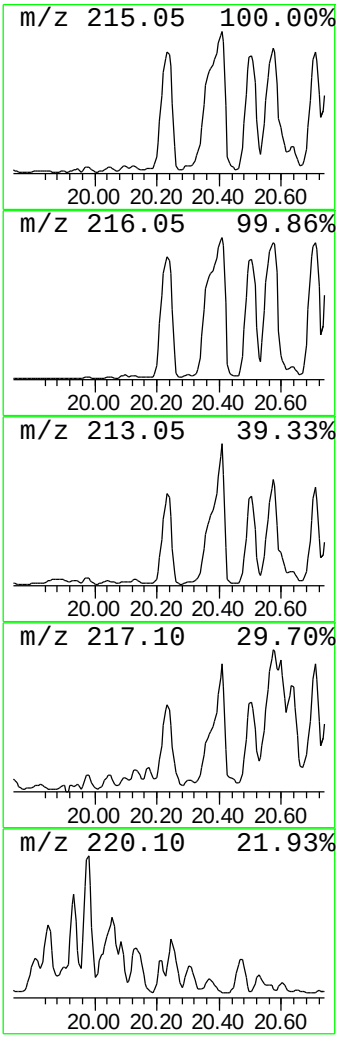
Peak Number 31 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	9.18 ng/ul	23533600	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041939.D
Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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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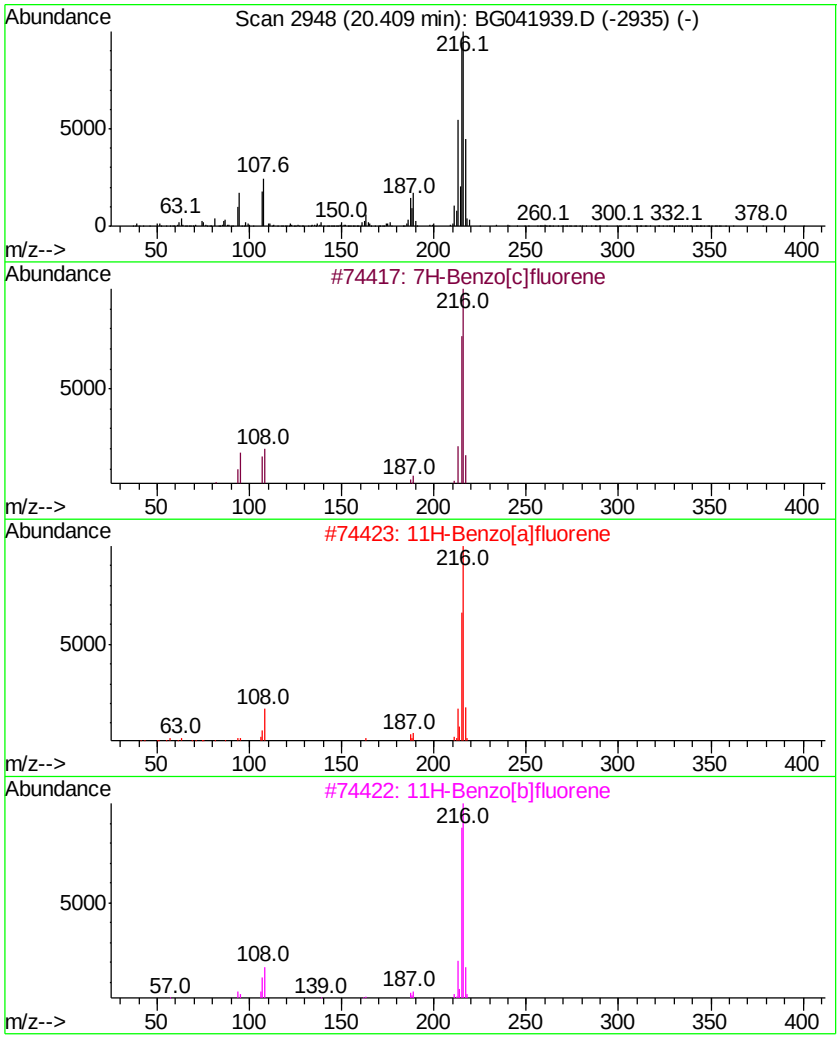
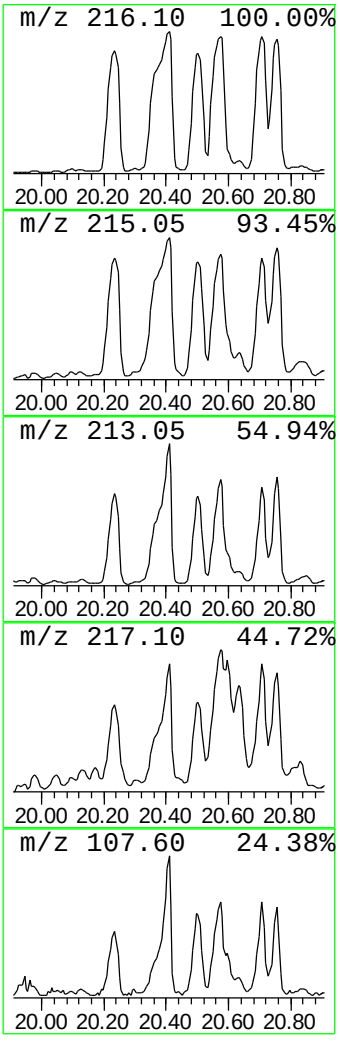
Peak Number 32 7H-Benzo[c]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	13.12 ng/ul	33622400	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	52
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	47
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	47
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	40
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041939.D
Acq On : 4 Aug 2019 12:29
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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
Naphthalene, 1-me...	12.75	22.7	ng/ul	7876160	2	10.86	6938490	20.0
Naphthalene, 1-et...	13.73	48.5	ng/ul	6211440	3	14.70	2561370	20.0
Naphthalene, 2,6-...	13.87	39.5	ng/ul	5057600	3	14.70	2561370	20.0
Naphthalene, 1,3-...	14.03	71.8	ng/ul	9189910	3	14.70	2561370	20.0
Naphthalene, 1,5-...	14.26	37.6	ng/ul	4821080	3	14.70	2561370	20.0
Benzene, [1-(2,4-...	15.02	44.2	ng/ul	5659640	3	14.70	2561370	20.0
Naphthalene, 2,3,...	15.17	28.6	ng/ul	3659940	3	14.70	2561370	20.0
Naphthalene, 1,6,...	15.37	23.0	ng/ul	2945150	3	14.70	2561370	20.0
1-Isopropenylnaph...	15.97	22.9	ng/ul	2928270	3	14.70	2561370	20.0
2-Propanone, 1,1-...	16.01	20.7	ng/ul	2651020	3	14.70	2561370	20.0
Naphtho[1,2-b]thi...	17.28	2.9	ng/ul	9956690	4	17.48	68145700	20.0
1-Methyldibenzoth...	18.06	3.5	ng/ul	12089800	4	17.48	68145700	20.0
Dibenzothiophene,...	18.20	2.4	ng/ul	8304880	4	17.48	68145700	20.0
8,9-Dihydrocyclop...	18.37	8.1	ng/ul	27464700	4	17.48	68145700	20.0
5H-Dibenzo[a,d]cy...	18.43	9.3	ng/ul	31578200	4	17.48	68145700	20.0
Phenanthrene, 2-m...	18.50	4.4	ng/ul	15060700	4	17.48	68145700	20.0
unknown-01	18.57	11.3	ng/ul	38644300	4	17.48	68145700	20.0
5H-Dibenzo[a,d]cy...	18.85	4.1	ng/ul	14070200	4	17.48	68145700	20.0
9,10-Anthracenedione	18.92	3.9	ng/ul	13111300	4	17.48	68145700	20.0
Phenanthrene, 4,5...	19.09	5.0	ng/ul	17036000	4	17.48	68145700	20.0
Phenanthrene, 3,6...	19.19	2.2	ng/ul	7623860	4	17.48	68145700	20.0
[14]Annulene, 1,6...	19.28	7.7	ng/ul	26092800	4	17.48	68145700	20.0
unknown-02	19.35	7.0	ng/ul	23843000	4	17.48	68145700	20.0
Anthracene, 2-ethyl-	19.63	2.7	ng/ul	9075600	4	17.48	68145700	20.0
9,10-Anthracenedi...	19.78	4.7	ng/ul	12071500	5	21.82	51246100	20.0
Phenanthrene, 2,3...	20.06	2.9	ng/ul	7426050	5	21.82	51246100	20.0
7-Isopropenyl-1,4...	20.13	2.6	ng/ul	6758340	5	21.82	51246100	20.0
Pyrene, 1-methyl-	20.24	9.2	ng/ul	23533600	5	21.82	51246100	20.0
7H-Benzo[c]fluorene	20.41	13.1	ng/ul	33622400	5	21.82	51246100	20.0