LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 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	10.915	1326	1332	1339	rVV	4265536	8050336	10.48%	0.561%
2	12.524	1596	1606	1614	rVB	5940246	11325970	14.75%	0.789%
3	12.748	1631	1644	1653	rBV	4997477	9260513	12.06%	0.645%
4	13.729	1804	1811	1822	rVV	3789799	7447690	9.70%	0.519%
5	13.876	1825	1836	1843	rVV2	3533727	9462579	12.32%	0.659%
6	14.023	1850	1861	1866	rVV	5329032	10896958	14.19%	0.759%
7	14.076	1866	1870	1877	rVV	3896416	6118083	7.97%	0.426%
8	14.258	1892	1901	1904	rBV	3255063	5619393	7.32%	0.391%
9	14.416	1925	1928	1938	rVV	2015740	3121676	4.06%	0.217%
10	14.675	1965	1972	1974	rBV	1714129	2887143	3.76%	0.201%
11	14.775	1980	1989	1994	rBV	8922378	17939032	23.36%	1.249%
12	14.910	2005	2012	2021	rBV	3132735	8248186	10.74%	0.574%
13	15.010	2021	2029	2034	rBV2	3059143	6638614	8.64%	0.462%
14	15.092	2037	2043	2050	rVB	3869350	7247854	9.44%	0.505%
15	15.174	2050	2057	2063	rBV	2645832	4369723	5.69%	0.304%
16	15.315	2075	2081	2086	rBV	2087015	3630958	4.73%	0.253%
17	15.368	2086	2090	2095	rVB	2498432	3405460	4.43%	0.237%
18	15.486	2101	2110	2114	rBV2	2195994	5205220	6.78%	0.362%
19	15.656	2130	2139	2148	rBV5	1125661	3561093	4.64%	0.248%
20	15.750	2148	2155	2166	rBV	6790194	14419692	18.78%	1.004%
21	15.850	2166	2172	2174	rBV2	2802939	5266314	6.86%	0.367%
22	15.879	2174	2177	2180	rVV	3201048	4546792	5.92%	0.317%
23	15.915	2180	2183	2188	rVB2	4605185	6818778	8.88%	0.475%
24	15.962	2188	2191	2194	rBV	2578939	3428171	4.46%	0.239%
25	16.003	2194	2198	2201	rBV	1899417	2646335	3.45%	0.184%
26	16.191	2227	2230	2237	rVB3	1383344	2811738	3.66%	0.196%
27	16.420	2265	2269	2276	rVB4	2271240	4135048	5.38%	0.288%
28	16.755	2315	2326	2331	rBV3	4150224	11821617	15.39%	0.823%
29	16.808	2331	2335	2341	rVV2	4519464	9420670	12.27%	0.656%
30	16.861	2341	2344	2346	rVV3	1882125	2931525	3.82%	0.204%
31	16.908	2349	2352	2357	rVB	3486086	5066169	6.60%	0.353%
32	16.960	2357	2361	2367	rBV2	2444969	5091939	6.63%	0.355%
33	17.025	2367	2372	2379	rVV3	3037920	6544249	8.52%	0.456%
34	17.119	2383	2388	2393	rVV4	2795244	5428627	7.07%	0.378%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 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

35	17.190	2395	2400	2409	rVV8	1958864	6780116	8.83%	0.472%
36	17.278	2409	2415	2425	rVB	5884894	11616191	15.13%	0.809%
37	17.554	2439	2462	2467	rBV	20651840	76797150	100.00%	5.348%
38	17.624	2467	2474	2478	rBV	10838540	18335456	23.88%	1.277%
39	17.865	2510	2515	2520	rBV3	2486498	5129138	6.68%	0.357%
40	17.977	2530	2534	2538	rVB2	2215890	3182179	4.14%	0.222%
41	18.047	2538	2546	2554	rBV2	6925750	13390127	17.44%	0.932%
42	18.188	2563	2570	2576	rVB3	4387264	9396210	12.24%	0.654%
43	18.359	2590	2599	2603	rVV	14051699	33380742	43.47%	2.325%
44	18.418	2603	2609	2614	rVB2	16372477	34978344	45.55%	2.436%
45	18.494	2614	2622	2627	rBV2	8274589	17465960	22.74%	1.216%
46	18.564	2627	2634	2638	rVV	17644372	45108695	58.74%	3.141%
47	18.606	2638	2641	2645	rVV	13704913	18796002	24.47%	1.309%
48	18.682	2651	2654	2659	rVB4	1807816	2688539	3.50%	0.187%
49	18.741	2659	2664	2668	rBV2	3830257	5647063	7.35%	0.393%
50	18.846	2675	2682	2686	rBV3	8418379	15668509	20.40%	1.091%
51	18.905	2688	2692	2698	rVB2	7568998	14936417	19.45%	1.040%
52	18.964	2698	2702	2706	rBV	5051538	7122222	9.27%	0.496%
53	19.087	2714	2723	2728	rBV2	9267015	20219950	26.33%	1.408%
54	19.140	2728	2732	2735	rBV	5408499	6835410	8.90%	0.476%
55	19.181	2735	2739	2743	rVB2	6004215	8607906	11.21%	0.599%
56	19.275	2747	2755	2759	rBV	13131571	29929529	38.97%	2.084%
57	19.334	2759	2765	2773	rVB5	8690671	26593196	34.63%	1.852%
58	19.434	2773	2782	2787	rVB2	6863993	18474863	24.06%	1.287%
59	19.534	2793	2799	2800	rBV	14141560	19170923	24.96%	1.335%
60	19.622	2811	2814	2823	rVB4	5933735	10309645	13.42%	0.718%
61	19.769	2834	2839	2843	rBV	5826020	10095546	13.15%	0.703%
62	19.845	2848	2852	2855	rBV2	2387910	3377461	4.40%	0.235%
63	19.922	2855	2865	2869	rBV4	19959089	66520673	86.62%	4.632%
64	20.051	2878	2887	2889	rBV4	3124550	8421048	10.97%	0.586%
65	20.121	2895	2899	2908	rVB5	4098690	8221597	10.71%	0.573%
66	20.227	2908	2917	2925	rBV4	9803418	27202059	35.42%	1.894%
67	20.304	2926	2930	2933	rBV3	2523592	3940378	5.13%	0.274%
68	20.398	2933	2946	2953	rVB3	9789035	36608587	47.67%	2.549%
69	20.497	2954	2963	2967	rBV2	9467346	23291108	30.33%	1.622%
70	20.562	2967	2974	2977	rBV2	10983456	25145561	32.74%	1.751%
71	20.703	2991	2998	3001	rBV	10523629	20799346	27.08%	1.448%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 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	20.750	3001	3006	3015	rVB3	11726192	21195165	27.60%	1.476%
73	20.979	3041	3045	3048	rBV4	2309820	4372903	5.69%	0.305%
74	21.114	3062	3068	3072	rBV5	3362129	7798769	10.16%	0.543%
75	21.167	3072	3077	3083	rVB3	6122561	12839276	16.72%	0.894%
76	21.255	3088	3092	3098	rVB	2789771	4702967	6.12%	0.327%
77	21.355	3100	3109	3112	rBV3	10174027	26420258	34.40%	1.840%
78	21.449	3120	3125	3128	rBV3	6234566	10470910	13.63%	0.729%
79	21.526	3133	3138	3146	rVB2	4896239	11767892	15.32%	0.819%
80	21.796	3170	3184	3188	rBV2	14352754	56554663	73.64%	3.938%
81	21.884	3189	3199	3205	rVB4	18284571	60580716	78.88%	4.219%
82	21.955	3205	3211	3215	rBV3	4392187	9334966	12.16%	0.650%
83	22.007	3215	3220	3226	rVB2	5372733	10052986	13.09%	0.700%
84	22.078	3227	3232	3240	rVB4	3669724	10309910	13.42%	0.718%
85	22.207	3250	3254	3259	rVB3	2273125	4615984	6.01%	0.321%
86	22.272	3260	3265	3272	rVB5	3192186	7151267	9.31%	0.498%
87	22.395	3281	3286	3290	rBV3	2447427	4377731	5.70%	0.305%
88	22.454	3291	3296	3301	rBV	2905652	5900284	7.68%	0.411%
89	22.560	3304	3314	3320	rVV3	8650130	27935413	36.38%	1.945%
90	22.630	3321	3326	3331	rVB	6888890	12639745	16.46%	0.880%
91	22.707	3333	3339	3345	rBV4	4547256	9765640	12.72%	0.680%
92	22.771	3345	3350	3355	rVB4	3677140	7867653	10.24%	0.548%
93	22.842	3356	3362	3367	rBV4	6911217	15948097	20.77%	1.111%
94	22.965	3376	3383	3390	rBV2	6193557	14123374	18.39%	0.984%
95	23.682	3499	3505	3511	rVB5	2688814	6657691	8.67%	0.464%
96	24.134	3564	3582	3586	rBV5	8577454	40276016	52.44%	2.805%
97	24.346	3613	3618	3625	rVB	3005013	6250630	8.14%	0.435%
98	24.857	3692	3705	3716	rVB	6684558	29401340	38.28%	2.047%
99	25.057	3719	3739	3749	rVB4	8941451	44118830	57.45%	3.072%
100	25.239	3761	3770	3783	rVB3	3191538	13602788	17.71%	0.947%

Sum of corrected areas: 1436031855

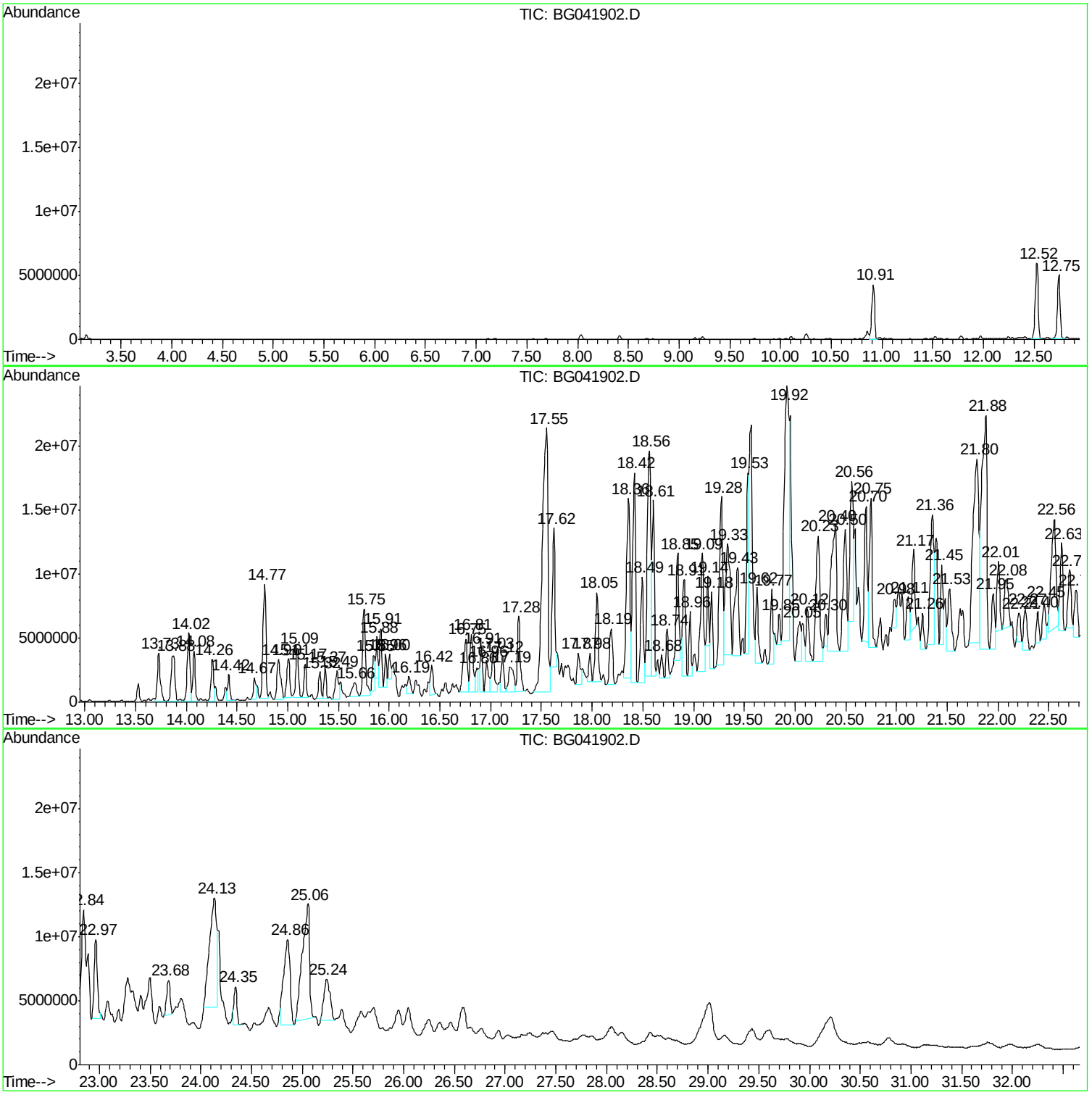
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 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 : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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

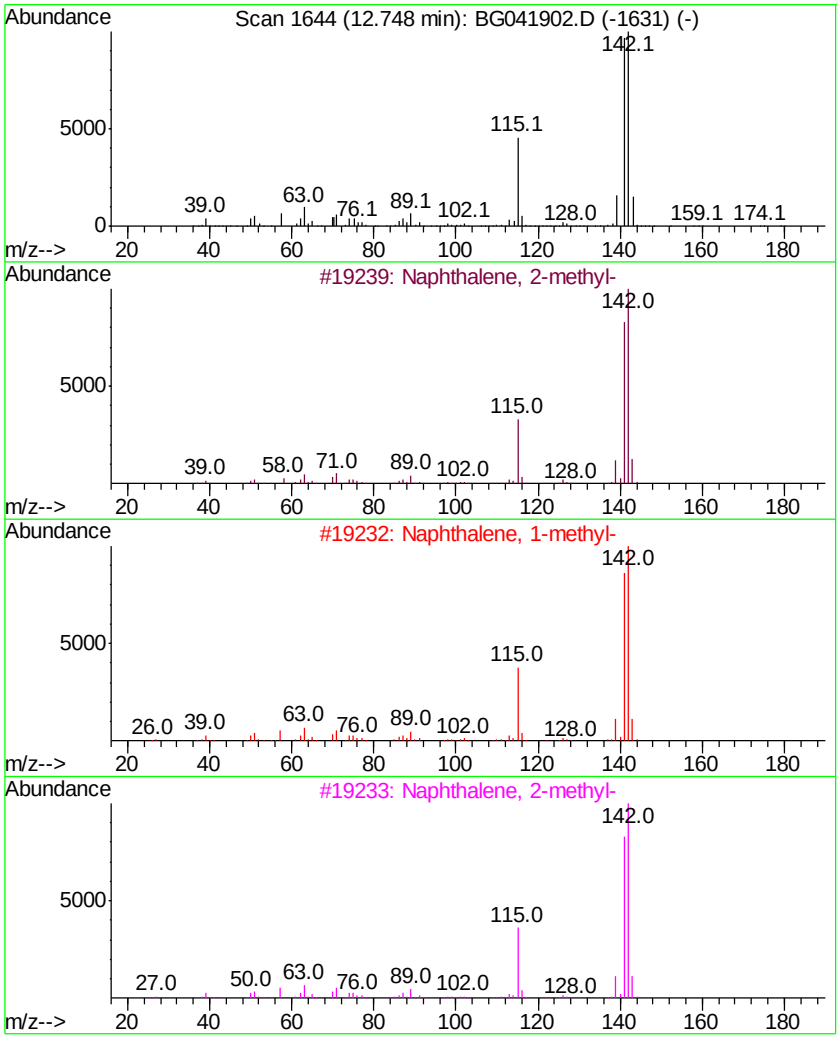
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

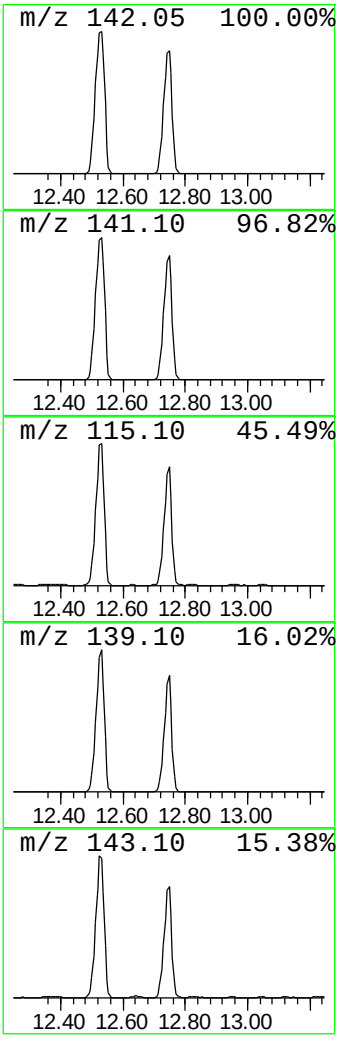
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	23.01 ng/ul	9260510	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, 1-methyl-	142	C11H10	000090-12-0	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

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Data File : BG041902.D
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Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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

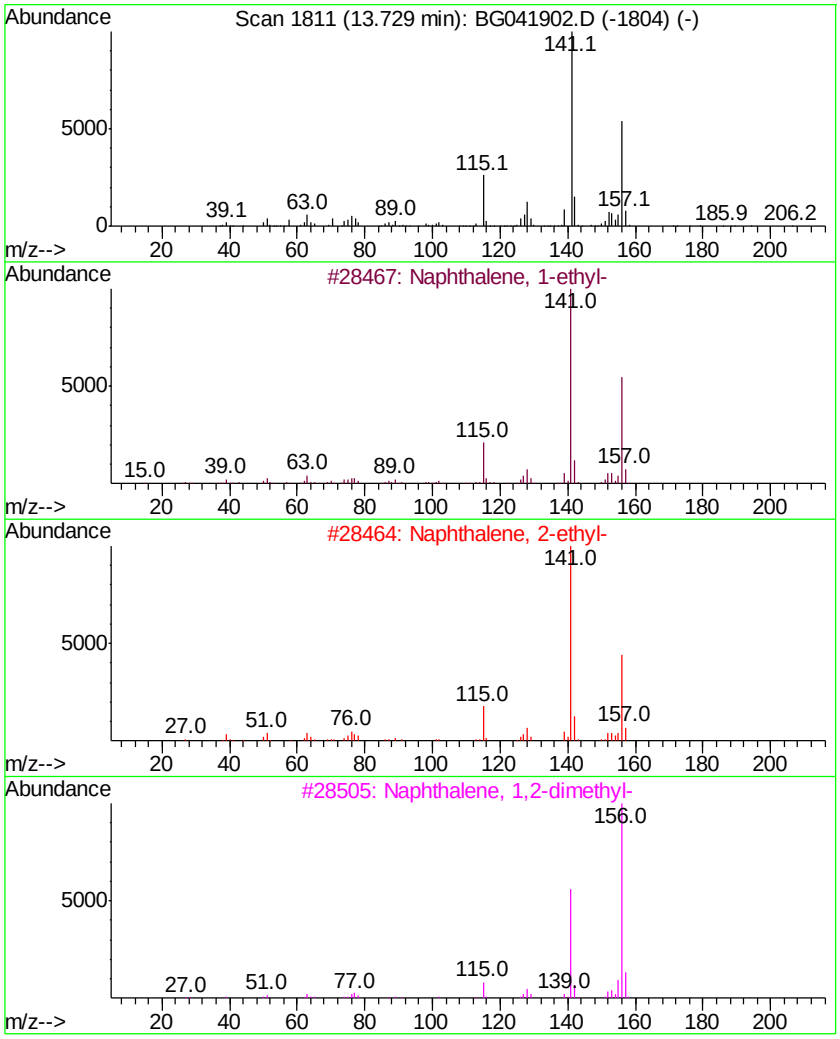
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

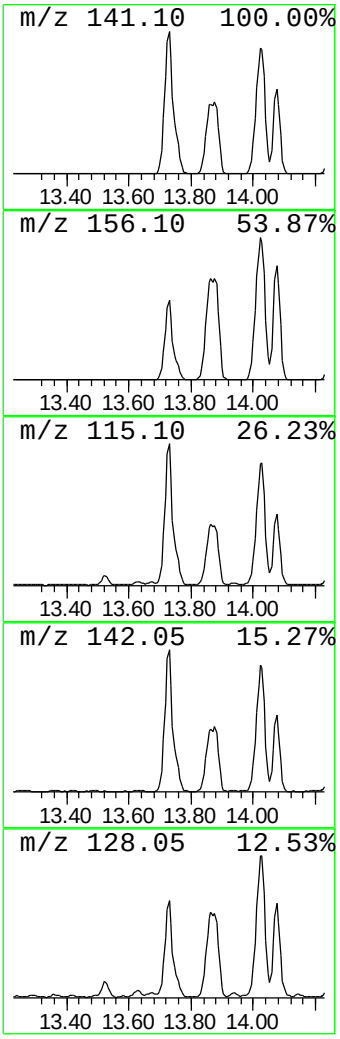
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	51.59 ng/ul	7447690	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, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





Library Search Compound Report

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Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
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Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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

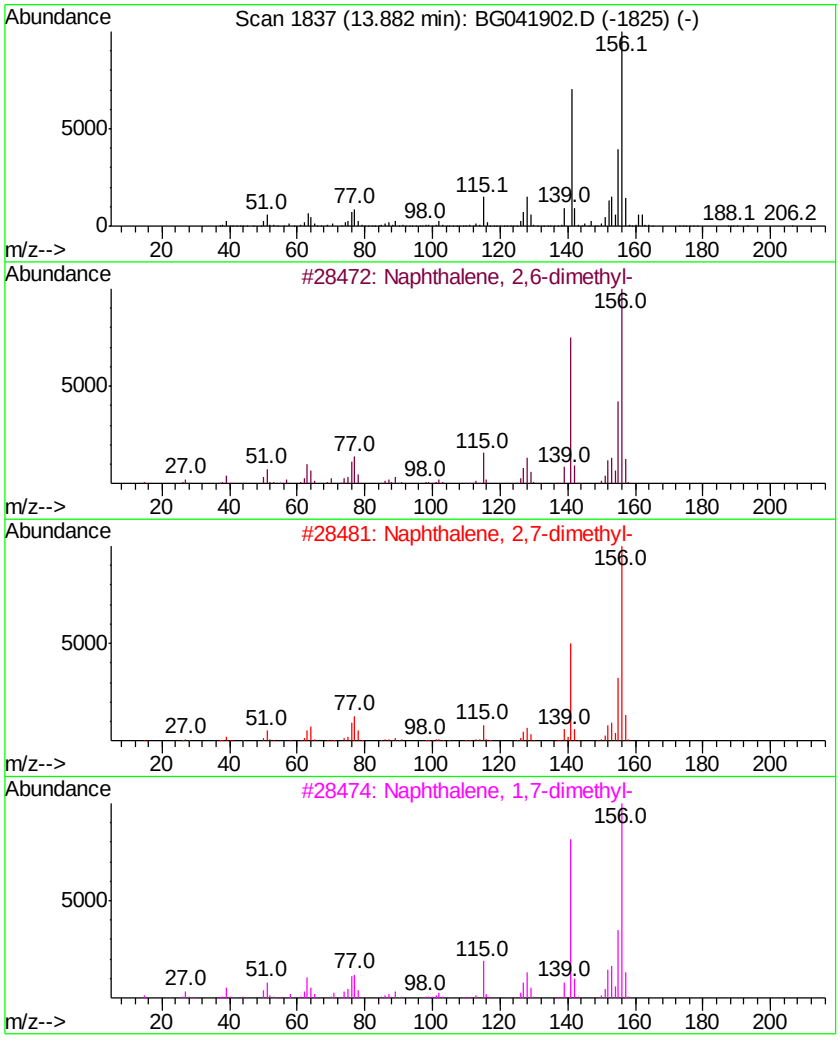
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

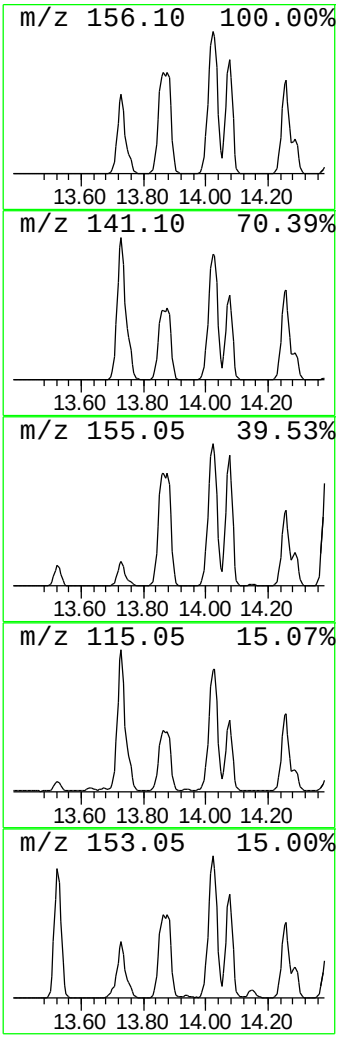
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	65.55 ng/ul	9462580	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Library Search Compound Report

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Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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

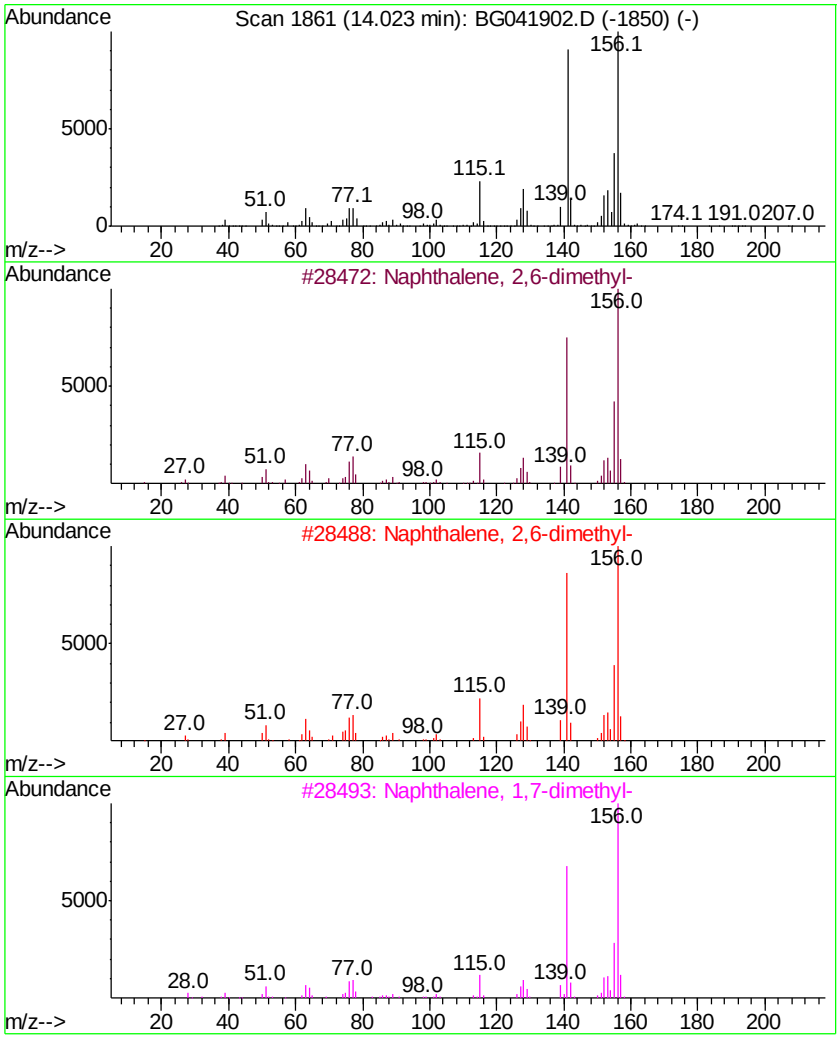
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

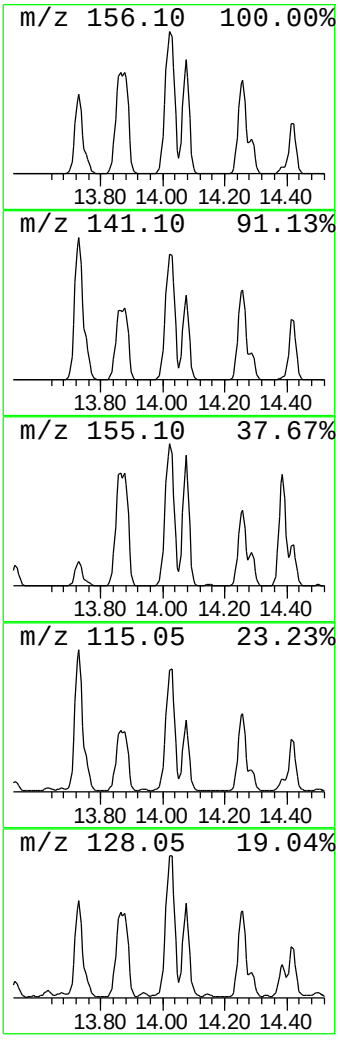
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	75.49 ng/ul	10897000	Acenaphthene-d10	14.70

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





Library Search Compound Report

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Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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

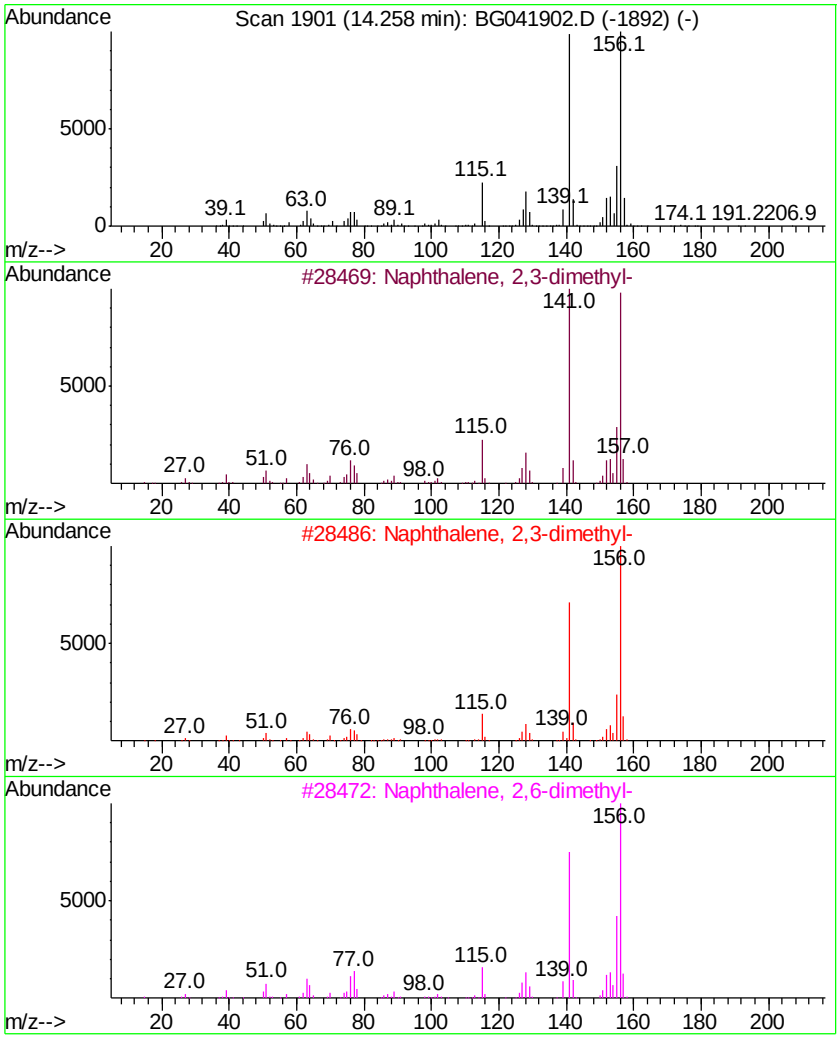
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

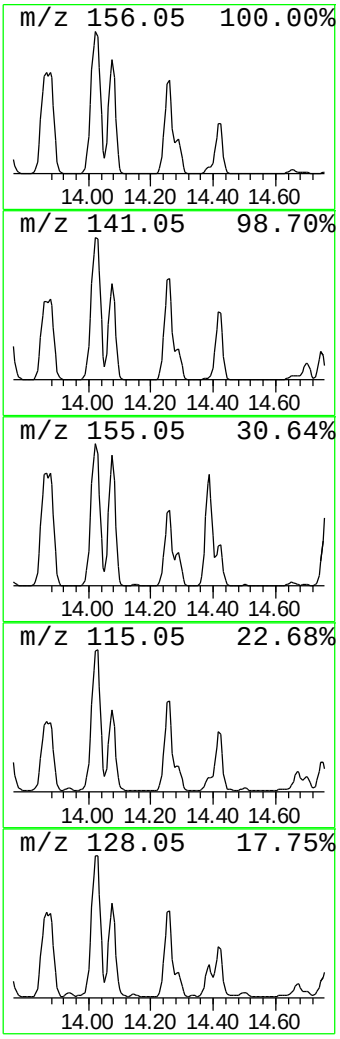
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	38.93 ng/ul	5619390	Acenaphthene-d10	14.70

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





Library Search Compound Report

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Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 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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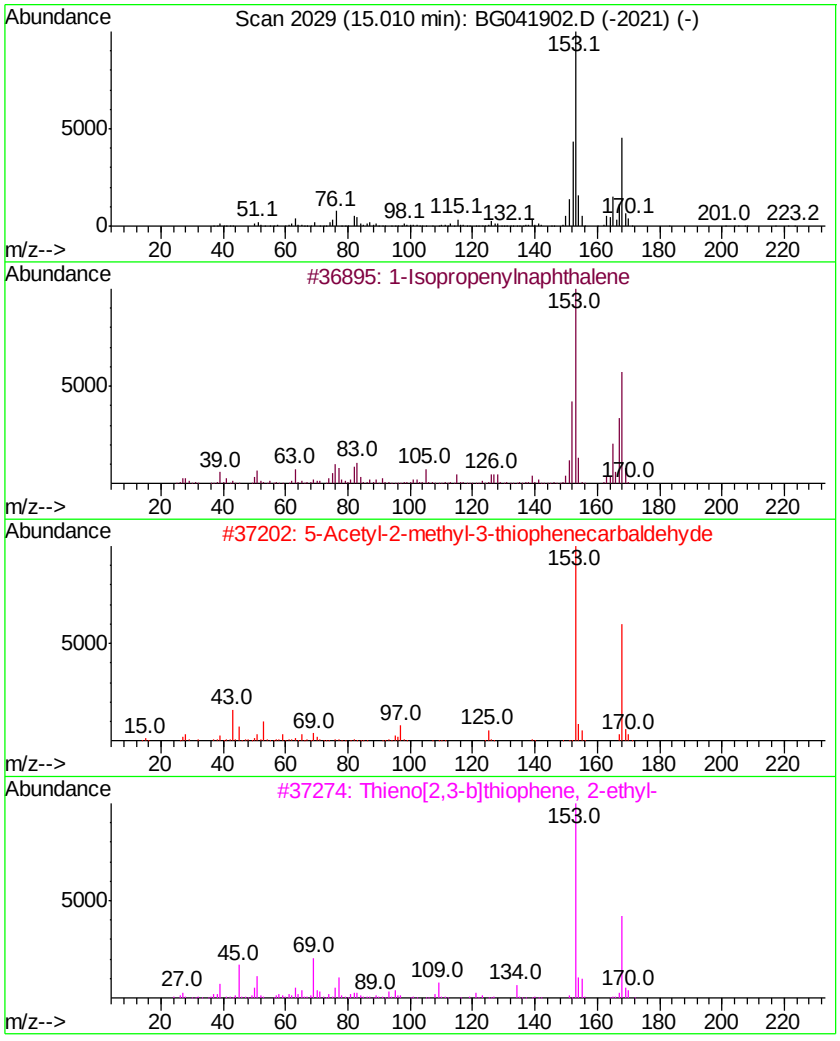
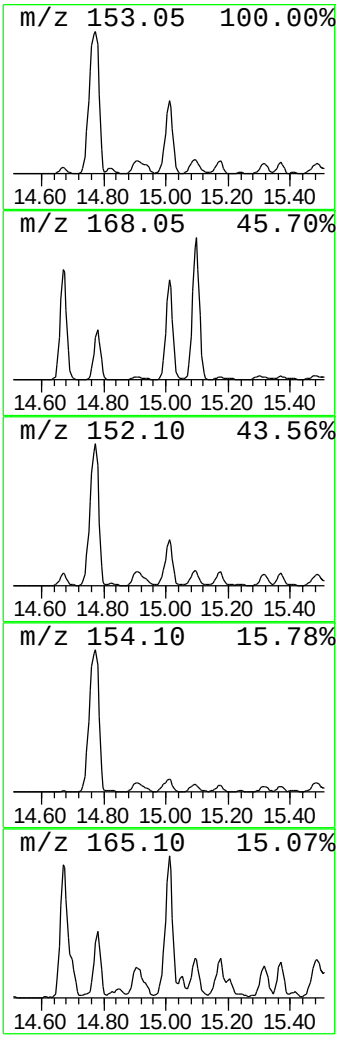
Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	45.99 ng/ul	6638610	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	80
2	5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	50
3	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	50
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47





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Misc :
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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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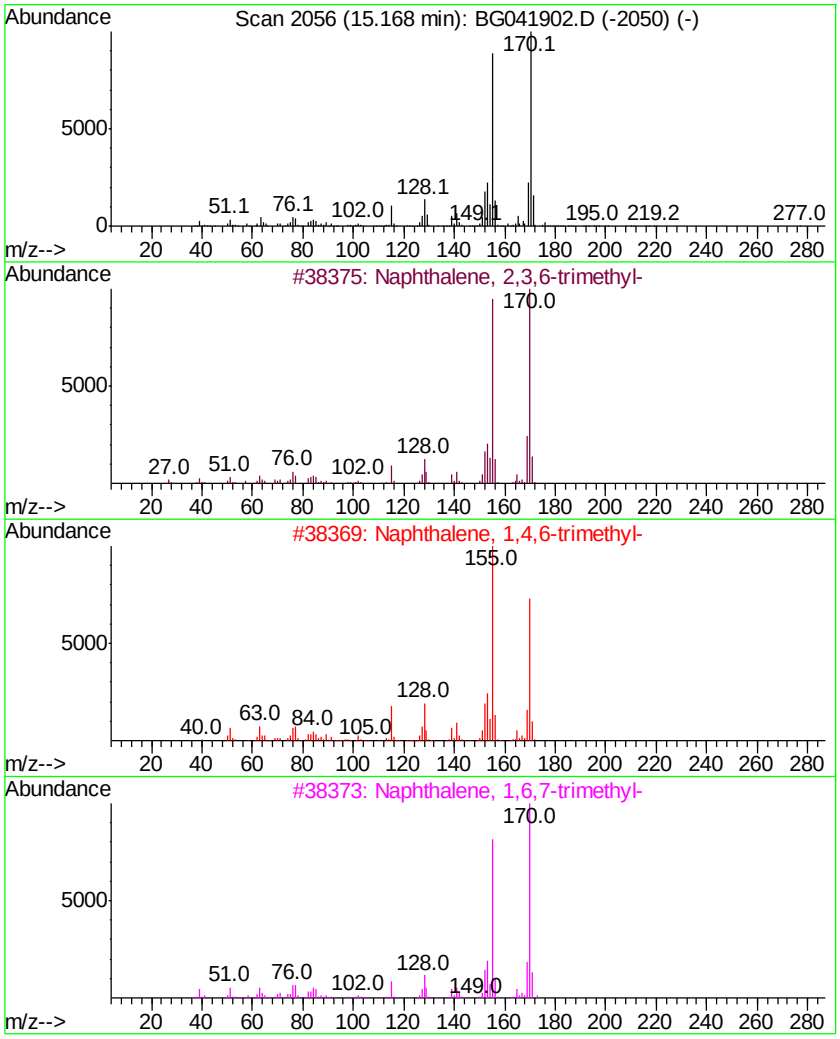
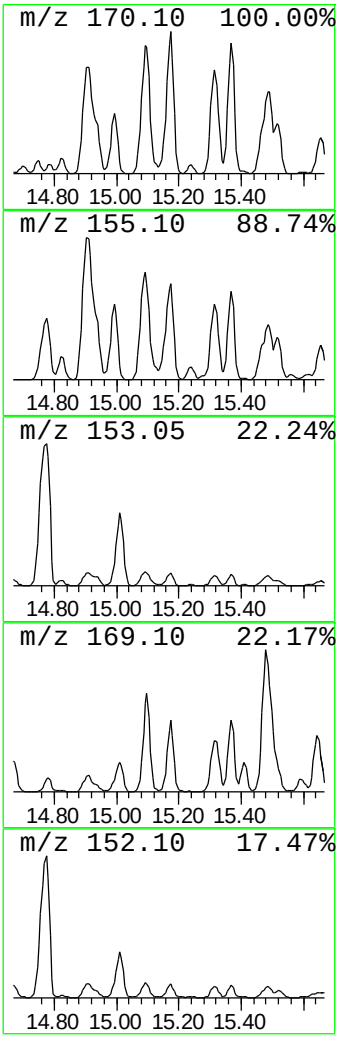
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	30.27 ng/ul	4369720	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, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Misc :
ALS Vial : 3 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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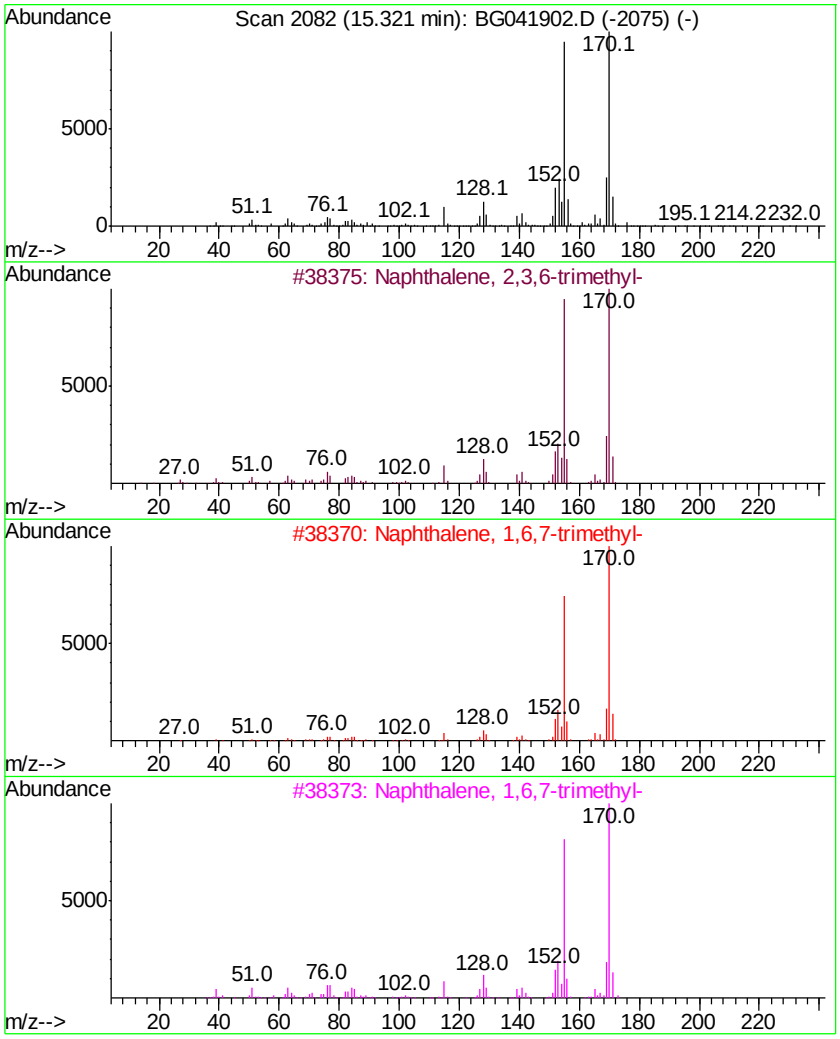
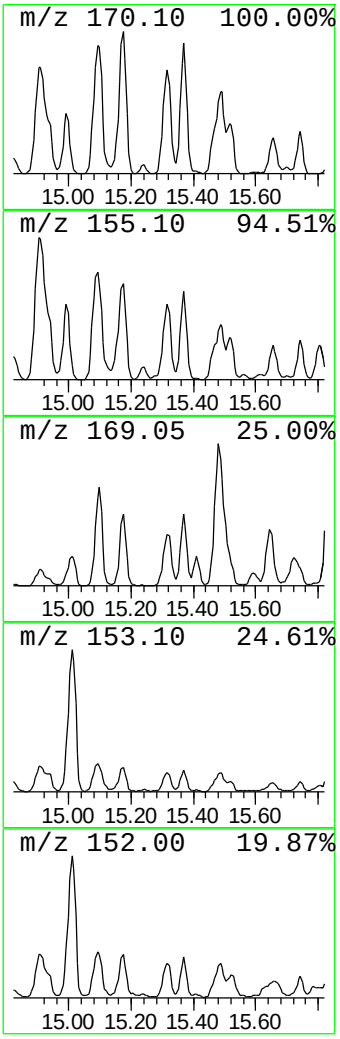
Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	25.15 ng/ul	3630960	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	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





Library Search Compound Report

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Acq On : 3 Aug 2019 10:10
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Sample : K3850-02
Misc :
ALS Vial : 3 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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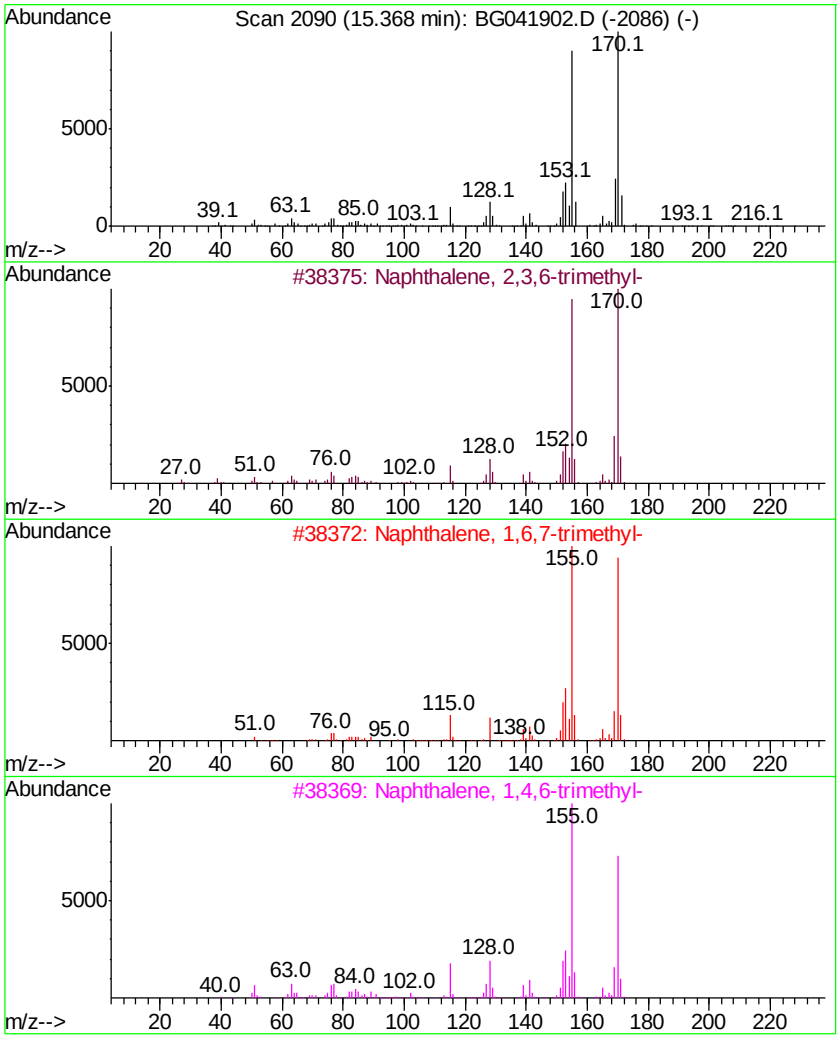
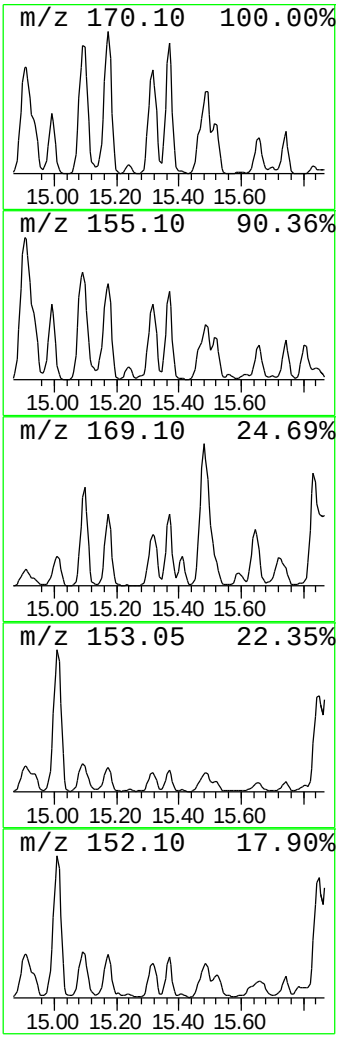
Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	23.59 ng/ul	3405460	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	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95





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ALS Vial : 3 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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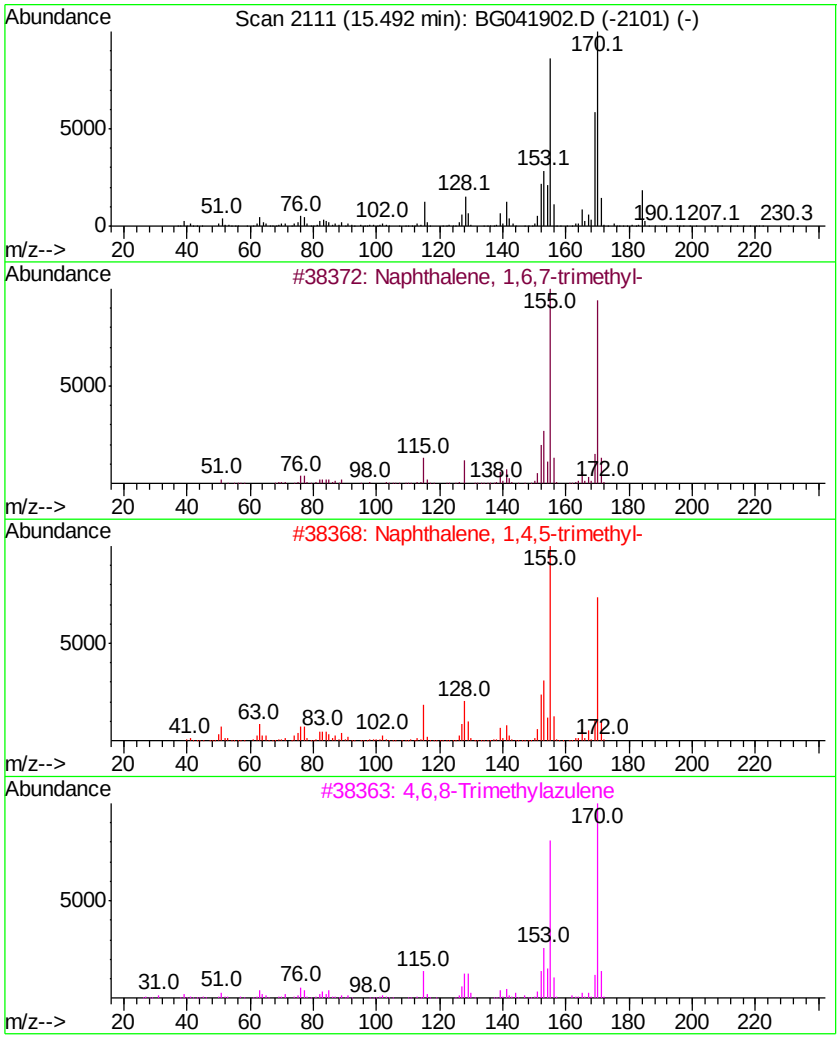
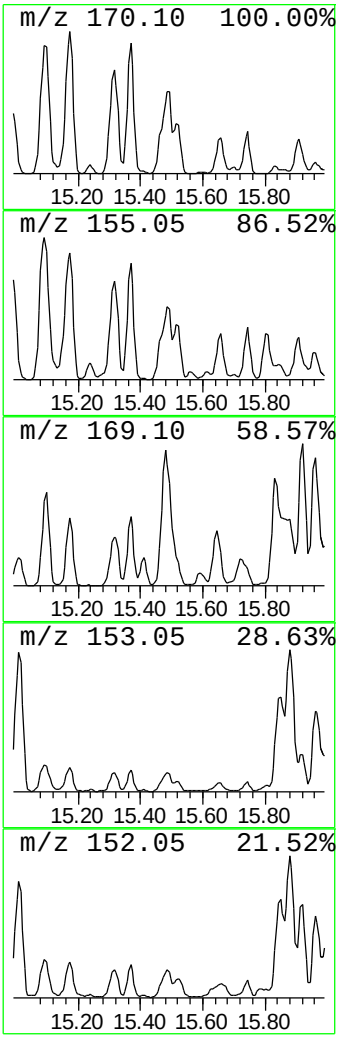
Peak Number 10 Naphthalene, 1,4,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	36.06 ng/ul	5205220	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81





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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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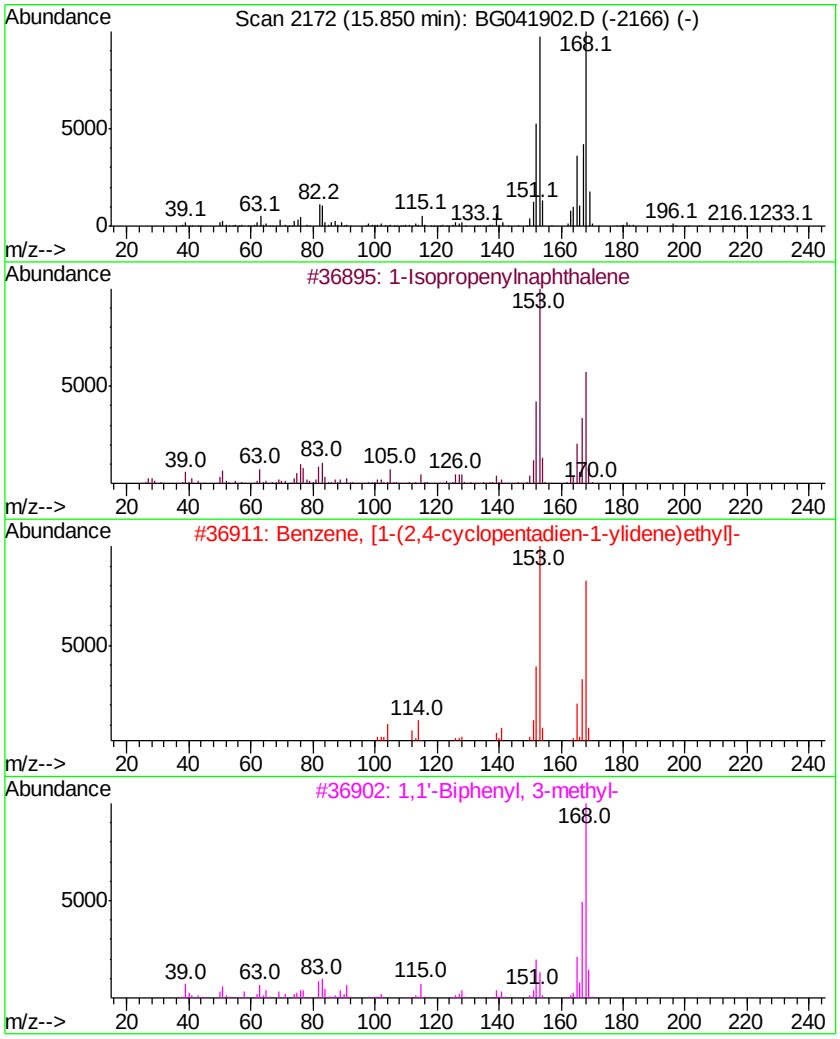
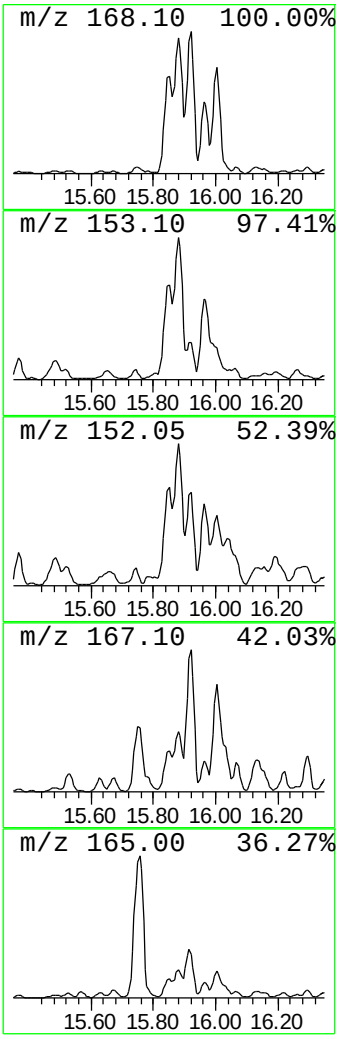
Peak Number 11 Benzene, [1-(2,4-cyclopenta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	36.48 ng/ul	5266310	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	90
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	47





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Misc :
ALS Vial : 3 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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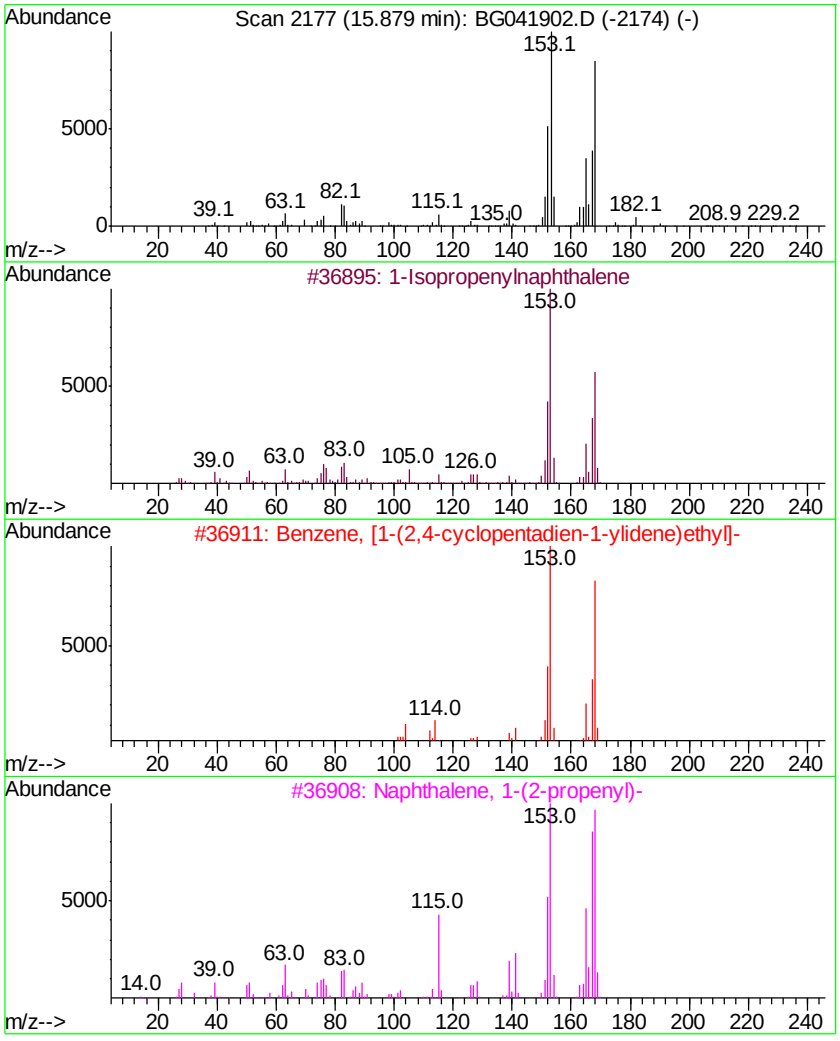
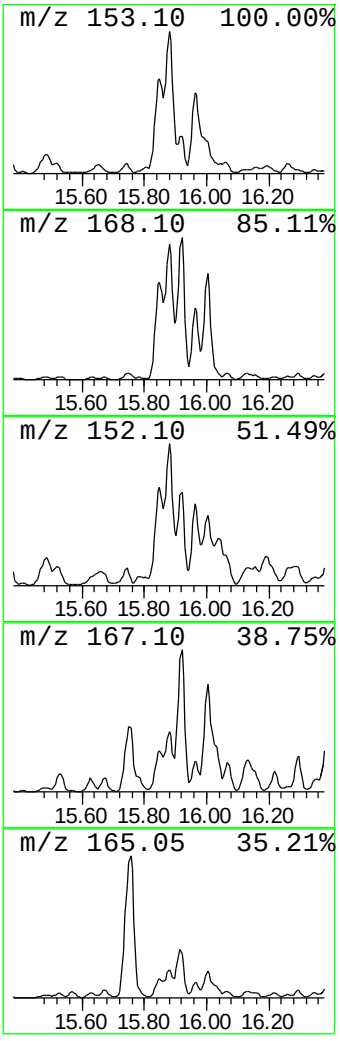
Peak Number 12 Naphthalene, 1-(2-propenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	31.50 ng/ul	4546790	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	52
5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50





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Misc :
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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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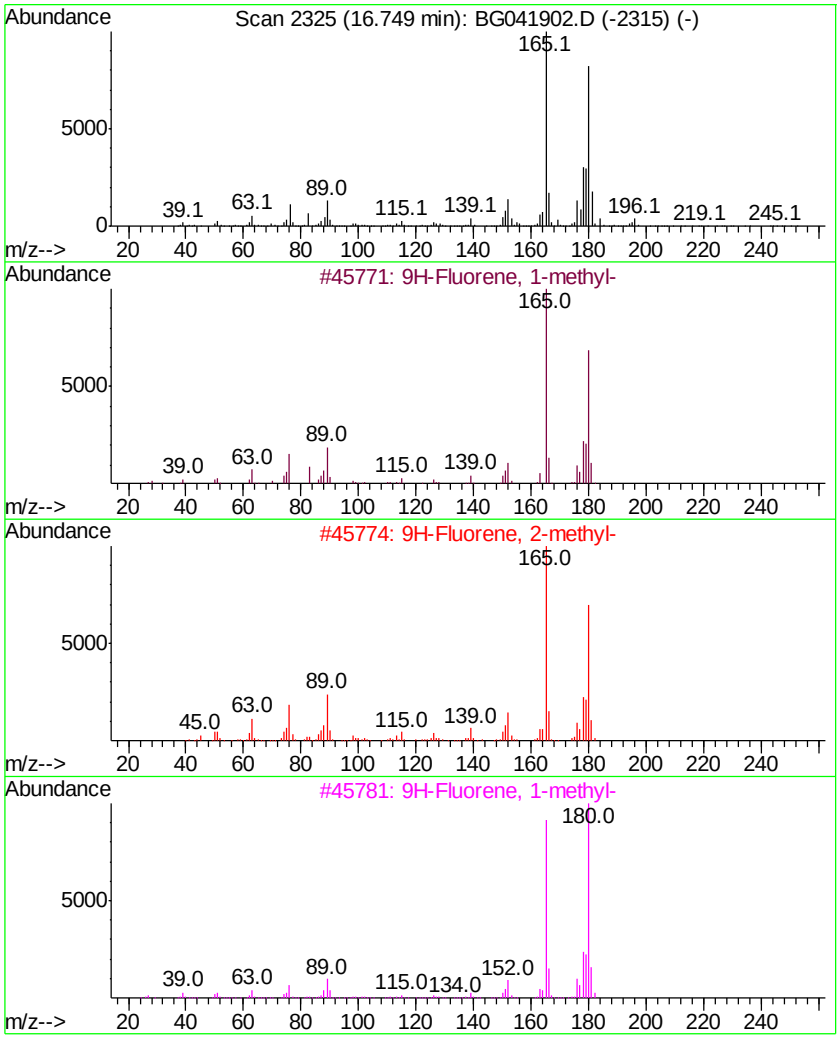
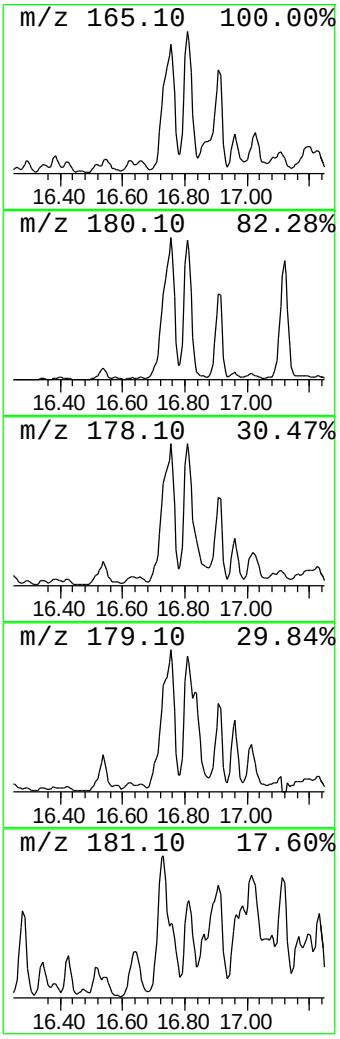
Peak Number 13 9H-Fluorene, 1-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	3.08 ng/ul	11821600	Phenanthrene-d10	17.46

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





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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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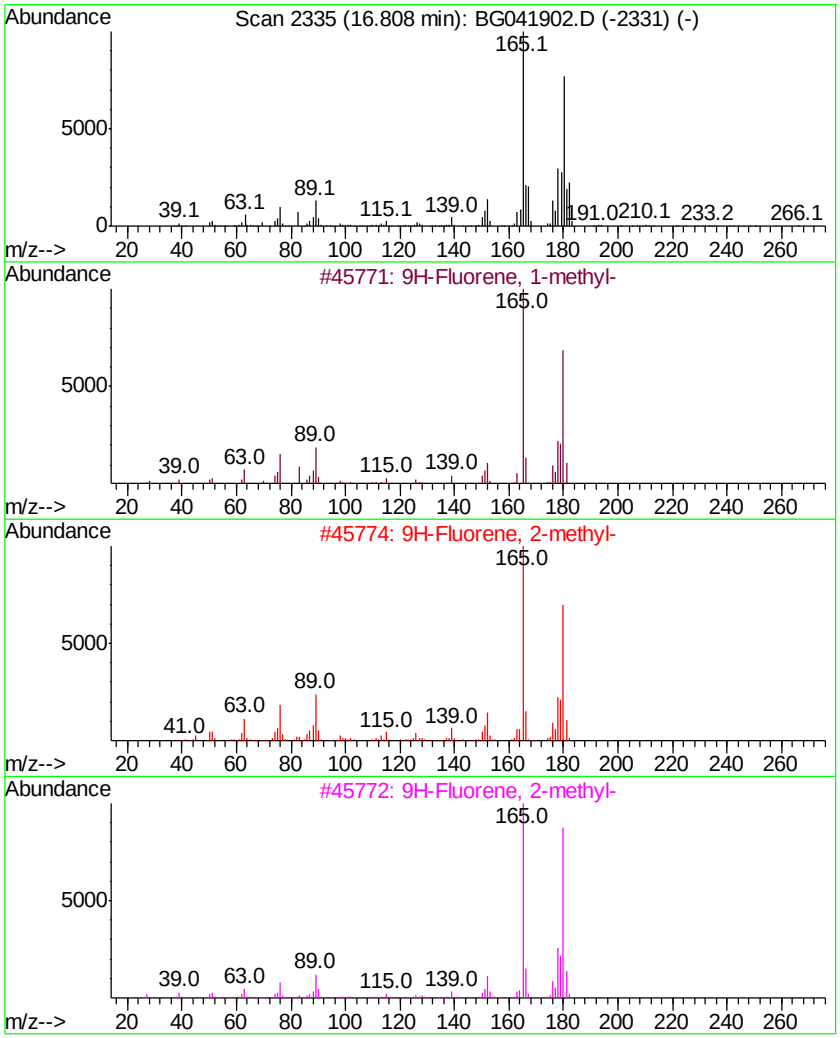
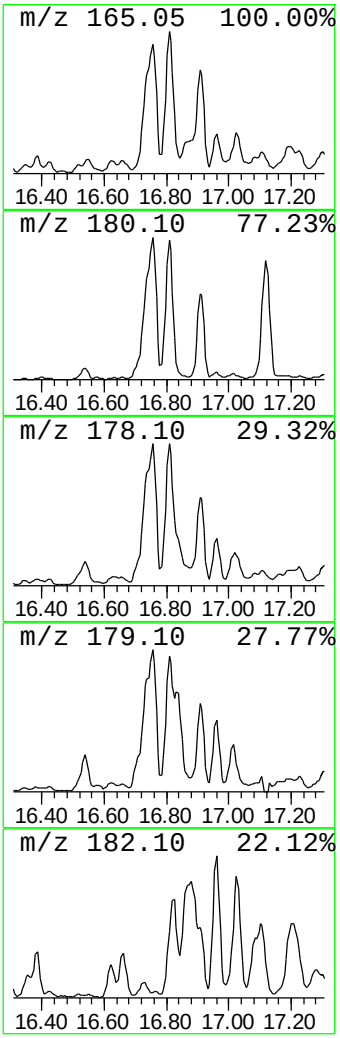
Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	2.45 ng/ul	9420670	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70





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Misc :
ALS Vial : 3 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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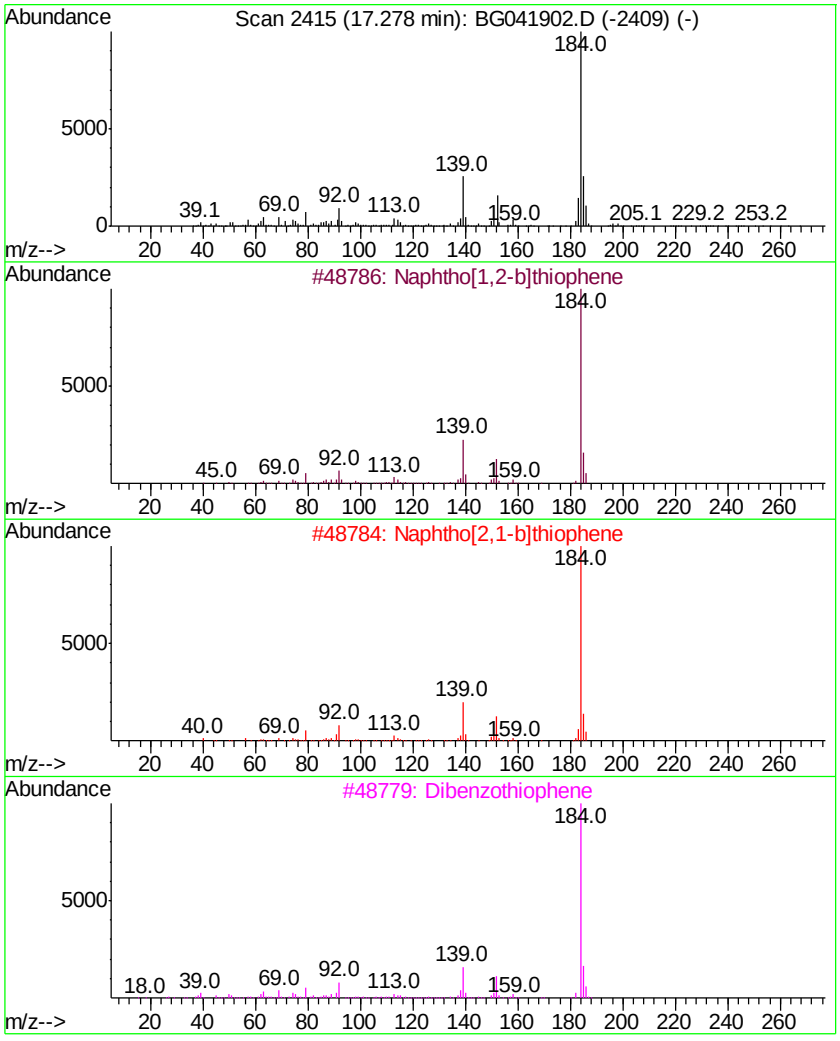
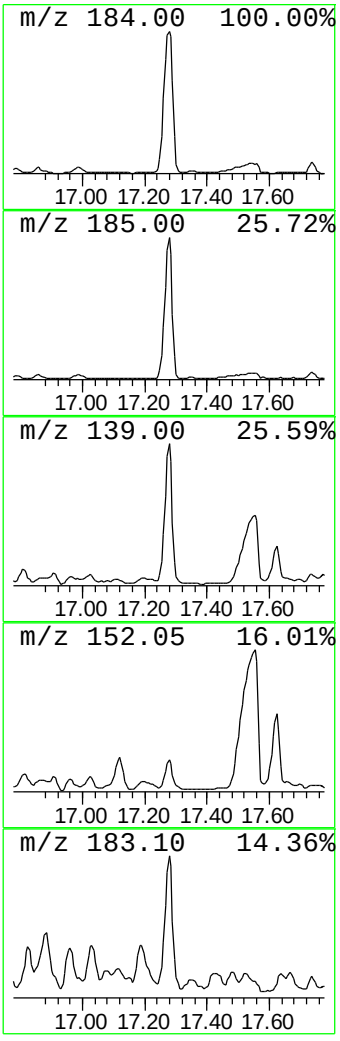
Peak Number 15 Naphtho[1,2-b]thiophene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	3.03 ng/ul	11616200	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93





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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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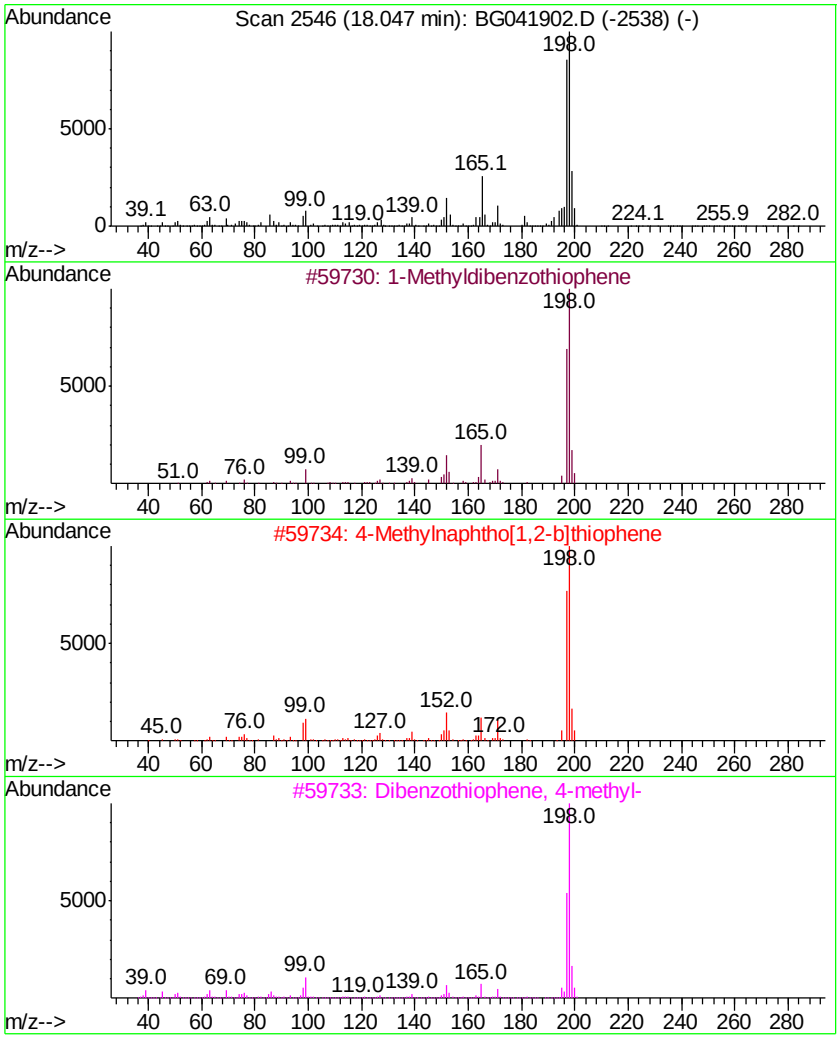
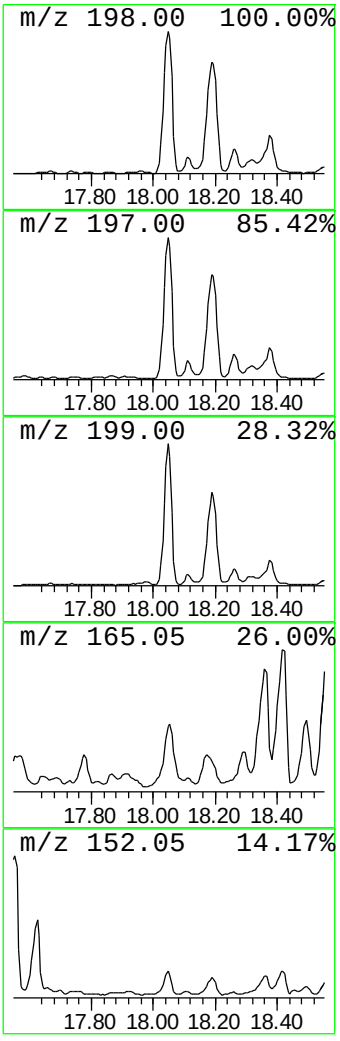
Peak Number 16 1-Methyldibenzothiophene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.49 ng/ul	13390100	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	96
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	95
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	62





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Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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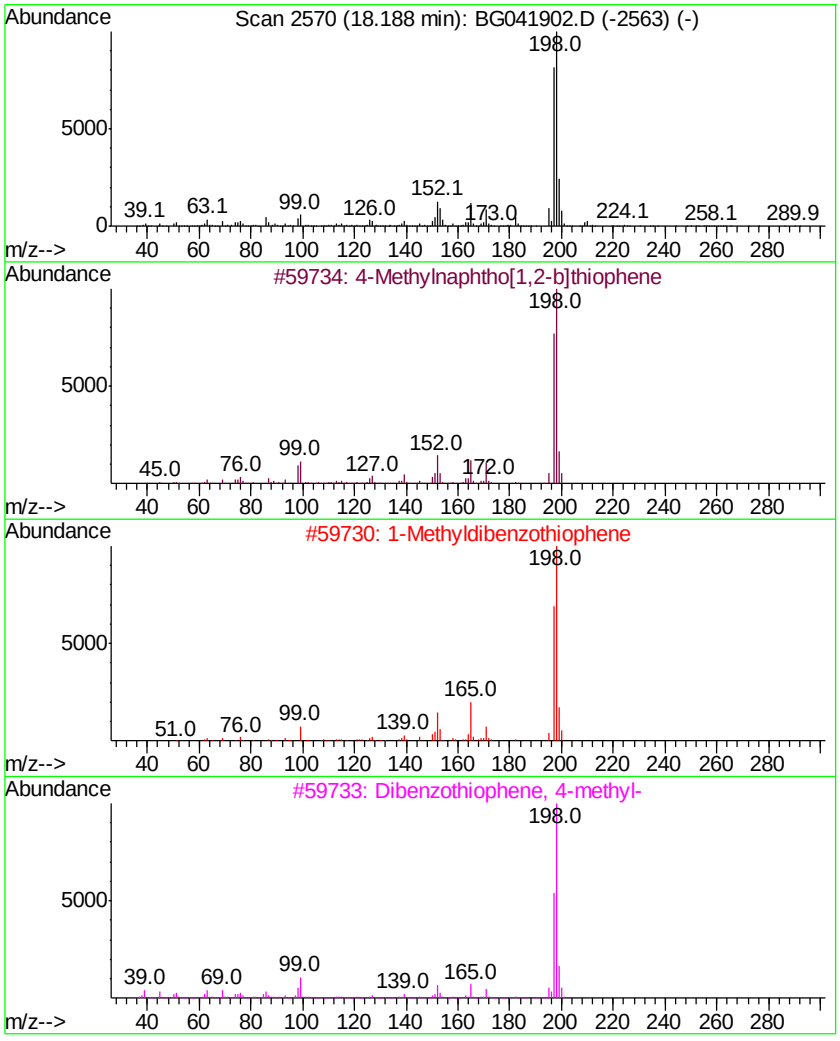
Quant Title : SVOA CALIBRATION

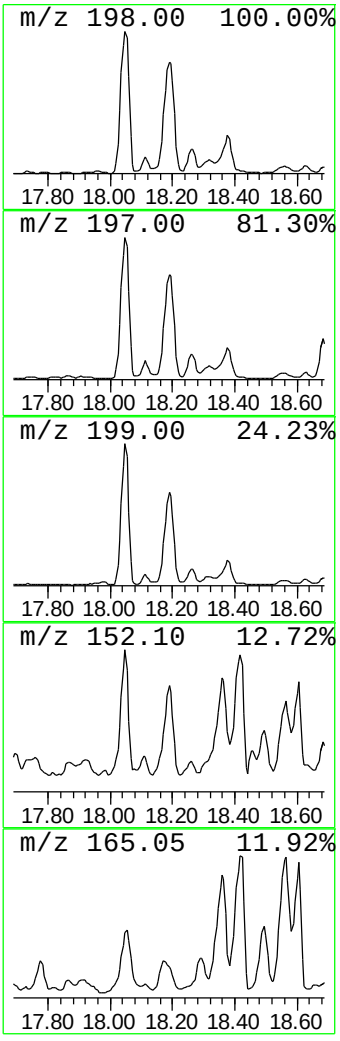
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.45 ng/ul	9396210	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	93
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	70
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	68
4	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	64
5	Tacrine	198	C13H14N2	000321-64-2	64





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Operator : HP/JU
Sample : K3850-02
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ALS Vial : 3 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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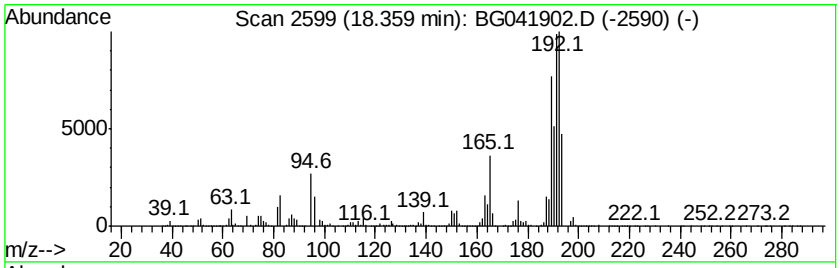
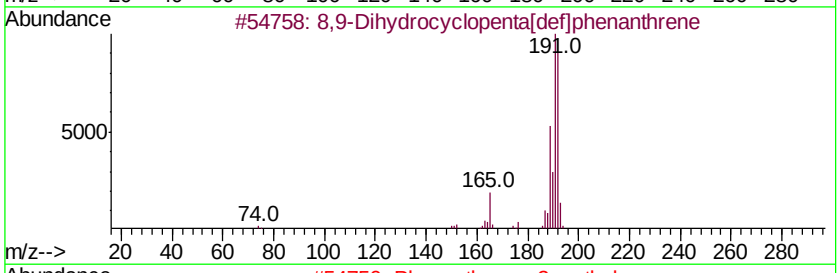
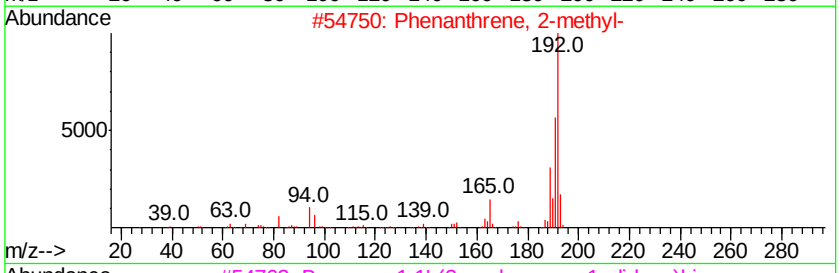
Peak Number 18 8,9-Dihydrocyclopenta[def]p... Concentration Rank 20

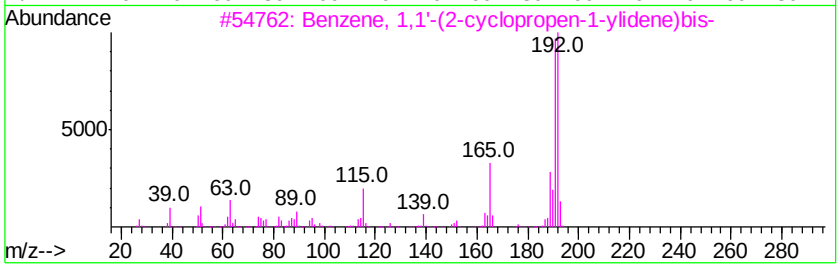
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	8.69 ng/ul	33380700	Phenanthrene-d10	17.46

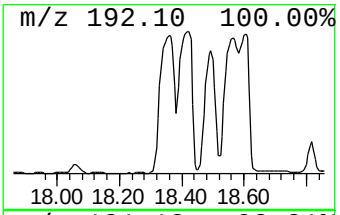
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	64
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
3	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46

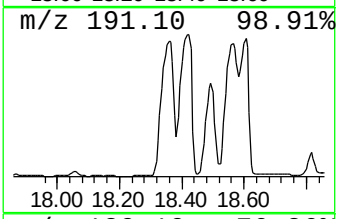


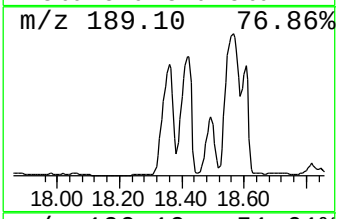


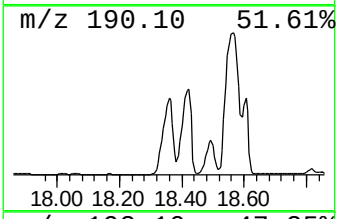


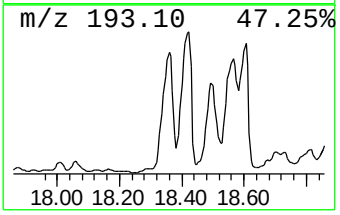












Library Search Compound Report

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Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 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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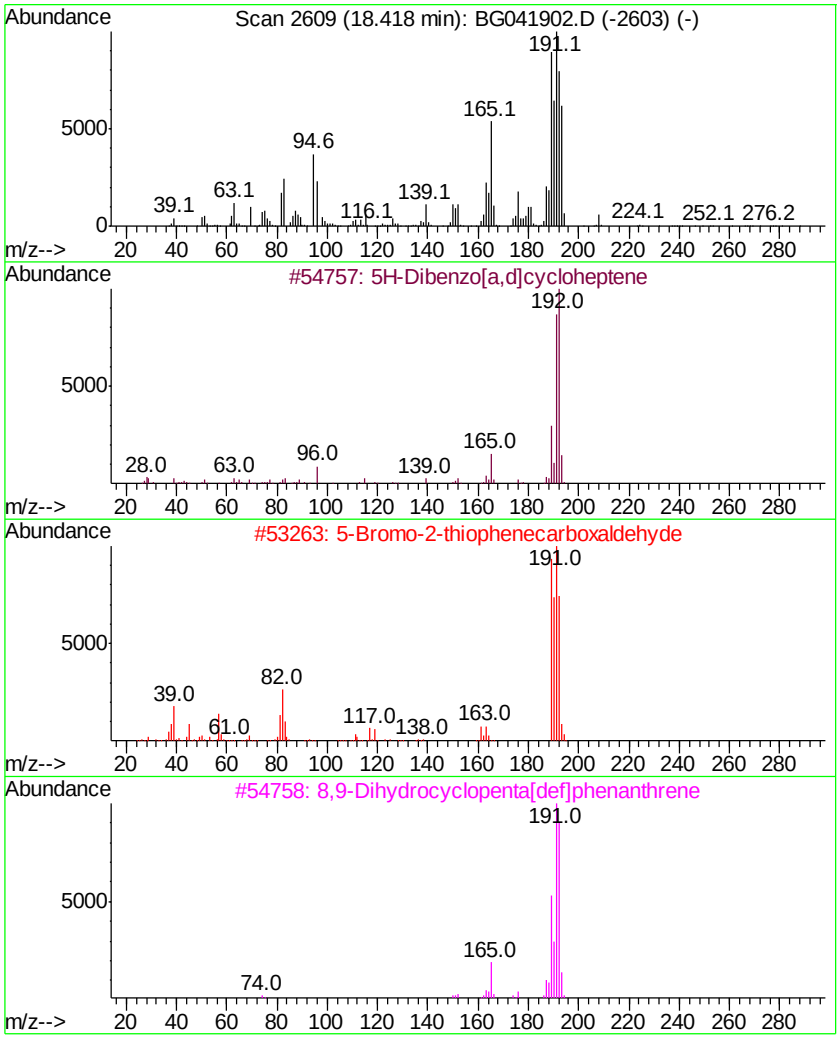
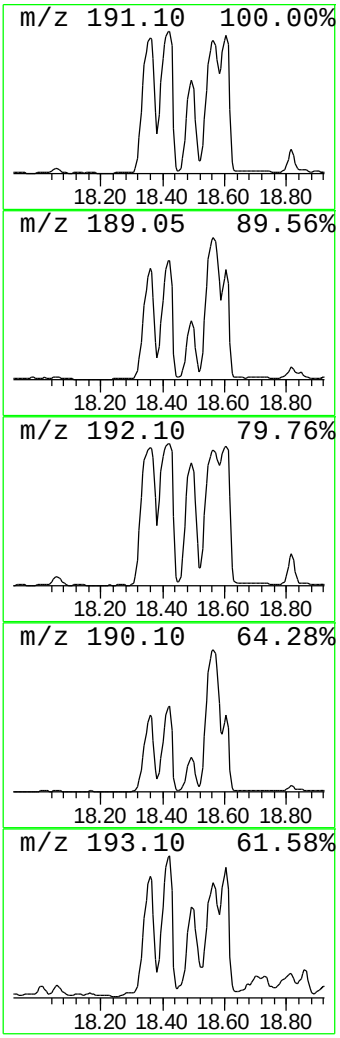
Peak Number 19 5H-Dibenzo[a,d]cycloheptene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	9.11 ng/ul	34978300	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	52
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	50
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





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Instrument : BNA_G
ClientSampleId : BENP1

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Quant Title : SVOA CALIBRATION

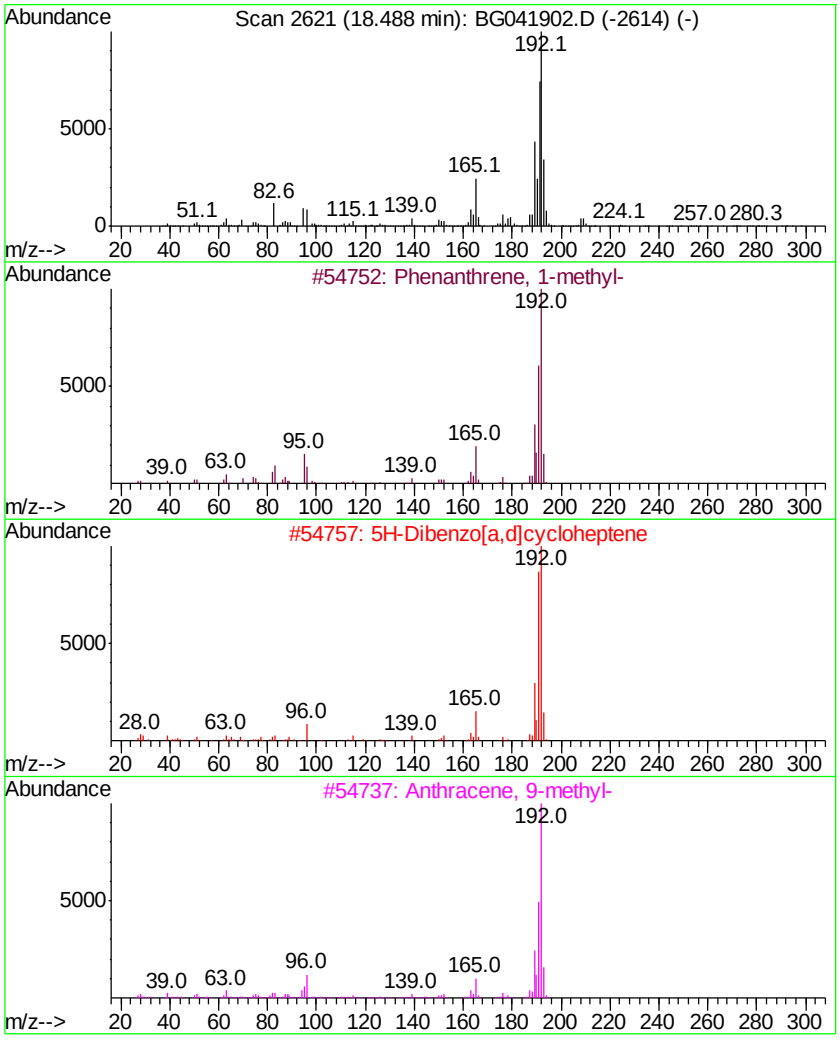
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

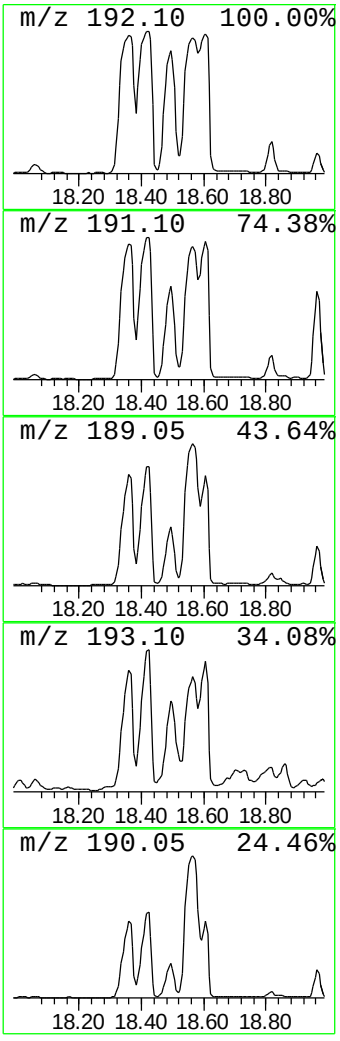
****

Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.55 ng/ul	17466000	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	70
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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Quant Title : SVOA CALIBRATION

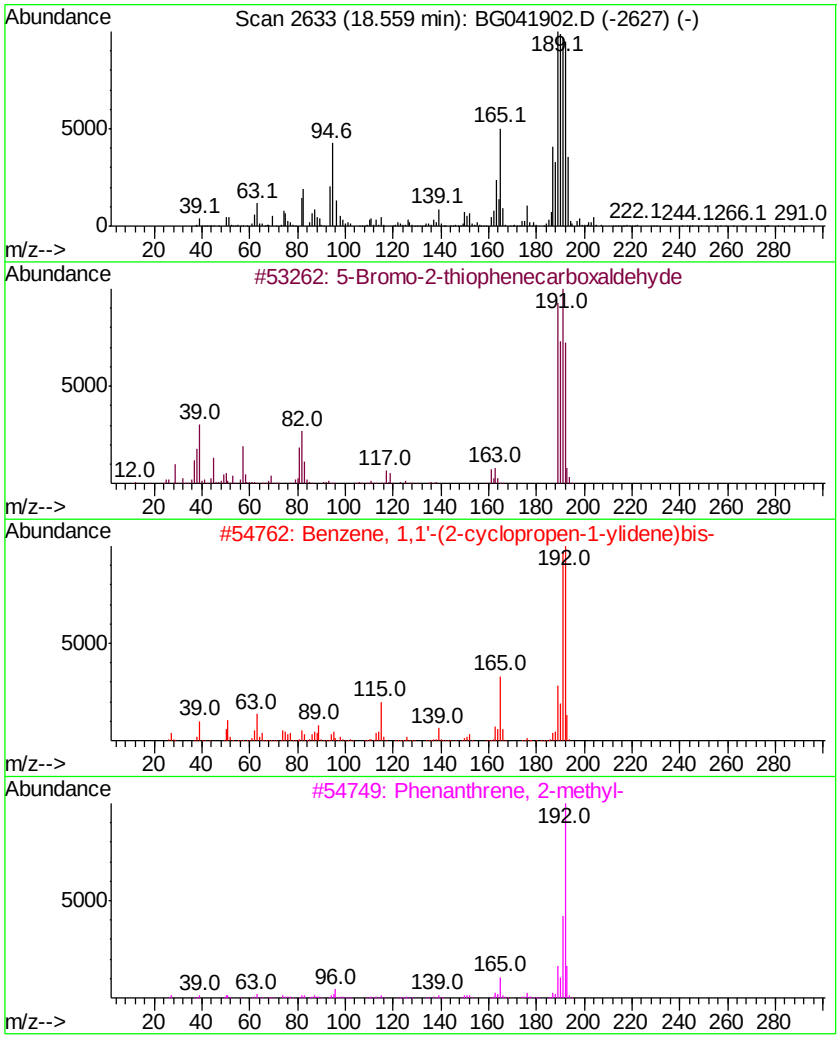
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

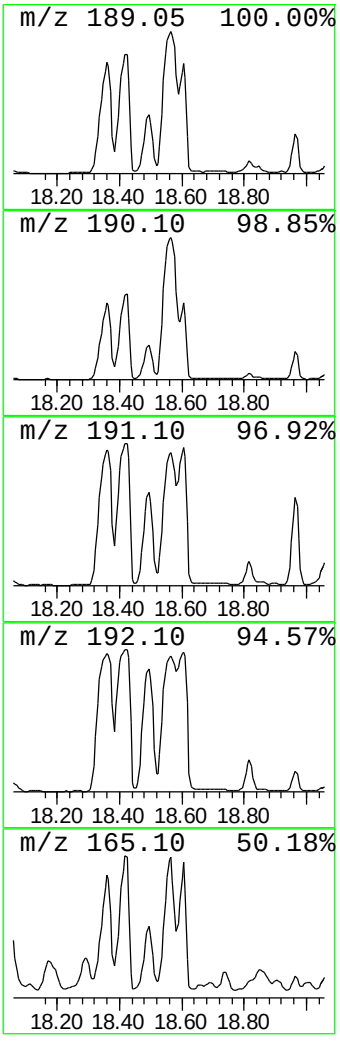
****

Peak Number 21 5-Bromo-2-thiophenecarboxal... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	11.75 ng/ul	45108700	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	52
2	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	43
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	41
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	41





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1

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Quant Title : SVOA CALIBRATION

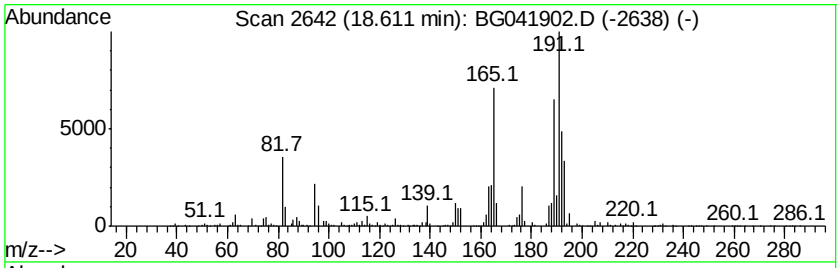
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

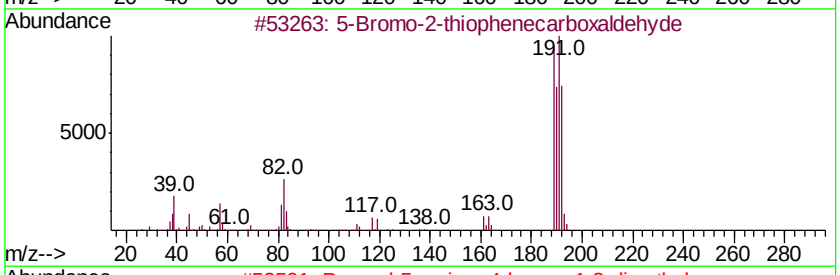
****

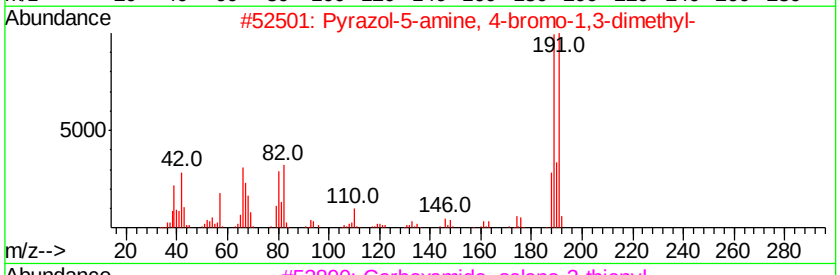
Peak Number 22 unknown-01 Concentration Rank 30

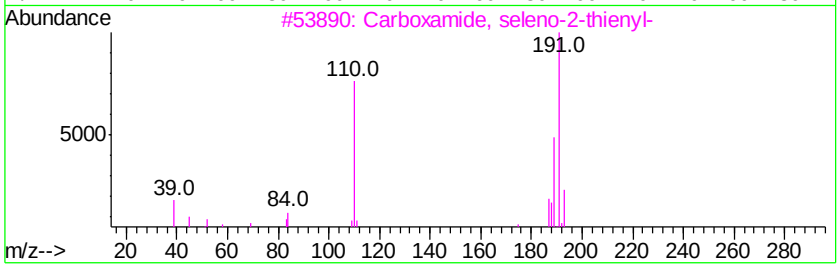
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	4.89 ng/ul	18796000	Phenanthrene-d10	17.46

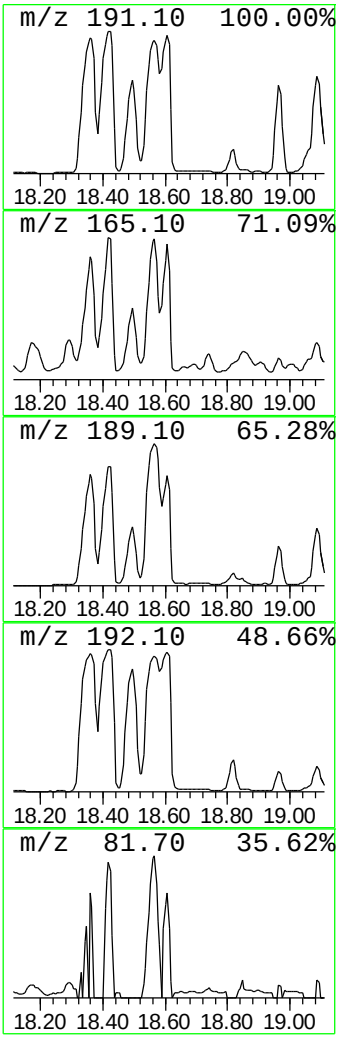
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	35
2	Pyrazol-5-amine, 4-bromo-1,3-dim...	189	C5H8BrN3	019848-99-8	35
3	Carboxamide, seleno-2-thienyl-	191	C5H5NSSe	054679-69-5	27
4	3-Bromo-2-fluoroaniline	189	C6H5BrFN	1000334-34-1	25
5	4-Bromo-2-fluoroaniline	189	C6H5BrFN	000367-24-8	22











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Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 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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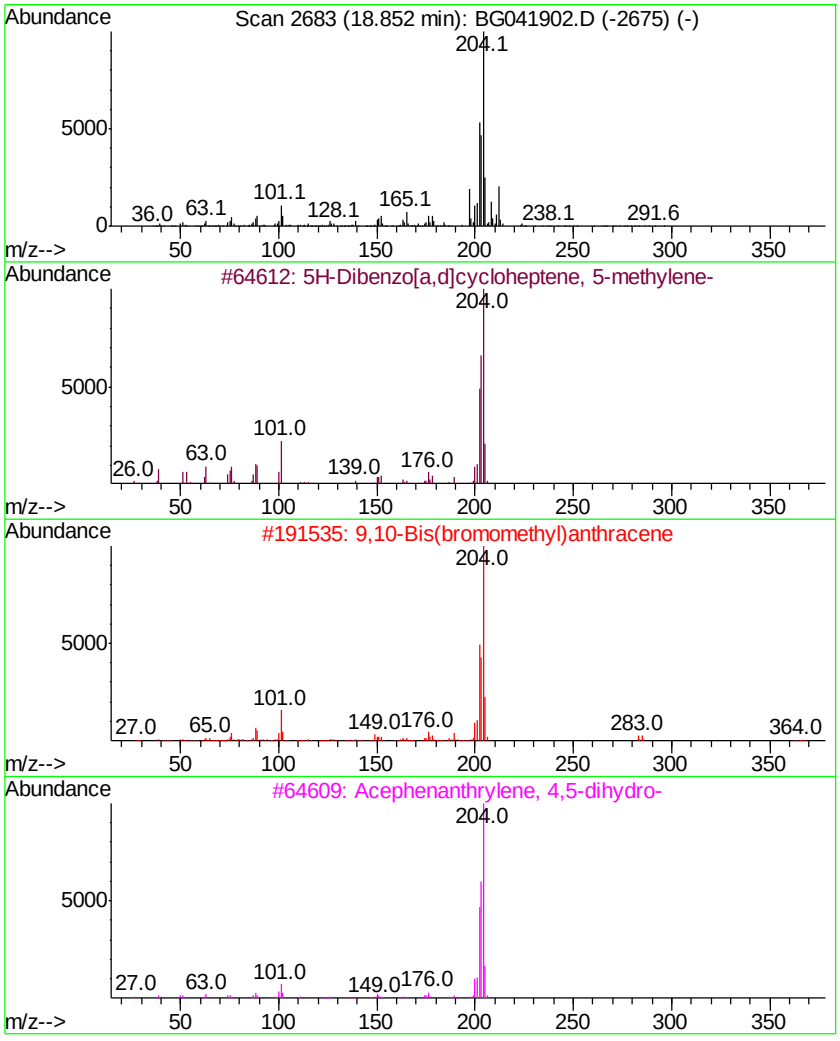
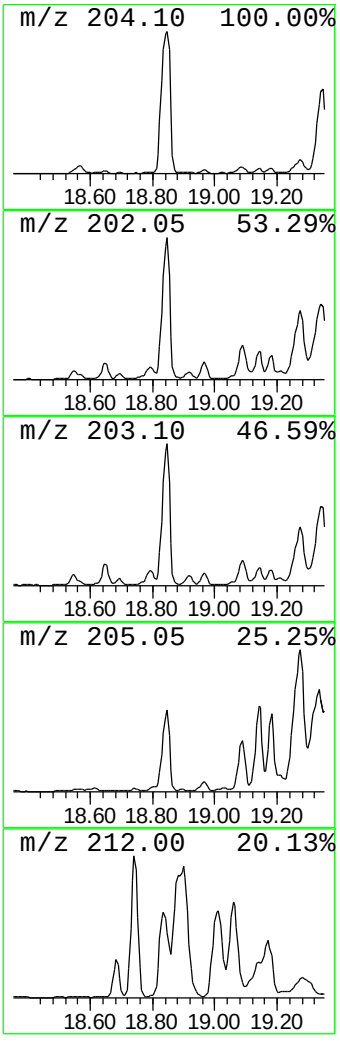
Peak Number 23 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	4.08 ng/ul	15668500	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	90
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	74
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	46





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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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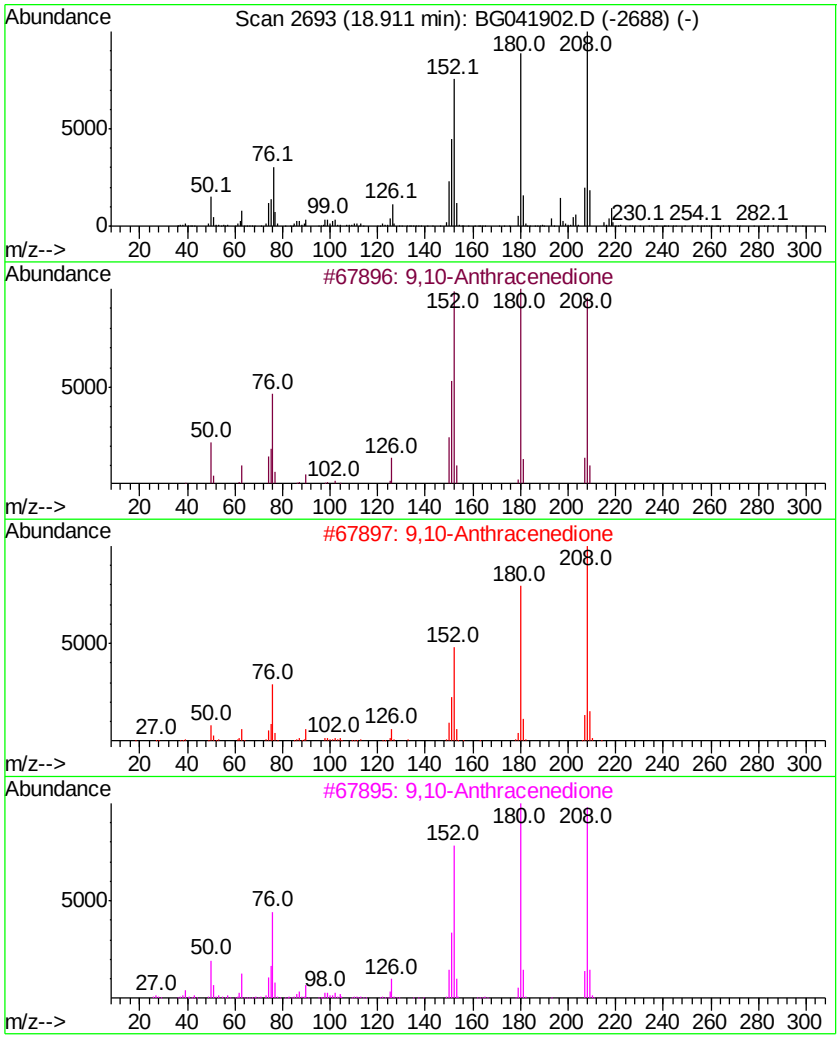
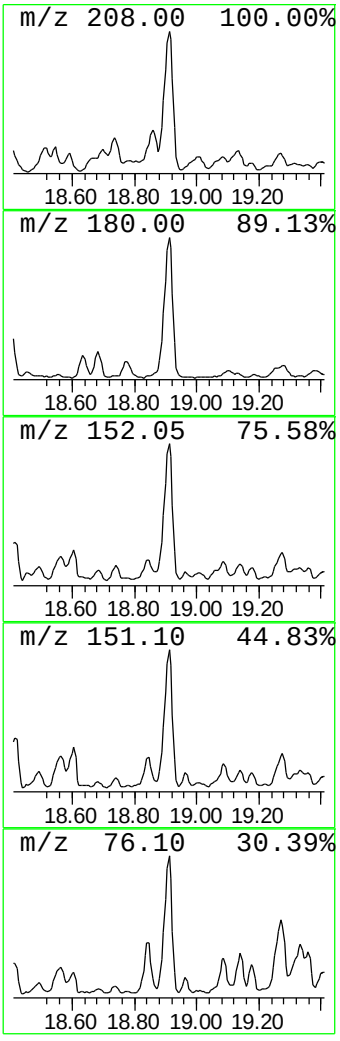
Peak Number 24 9,10-Anthracenedione Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	3.89 ng/ul	14936400	Phenanthrene-d10	17.46

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	89
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





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Misc :
ALS Vial : 3 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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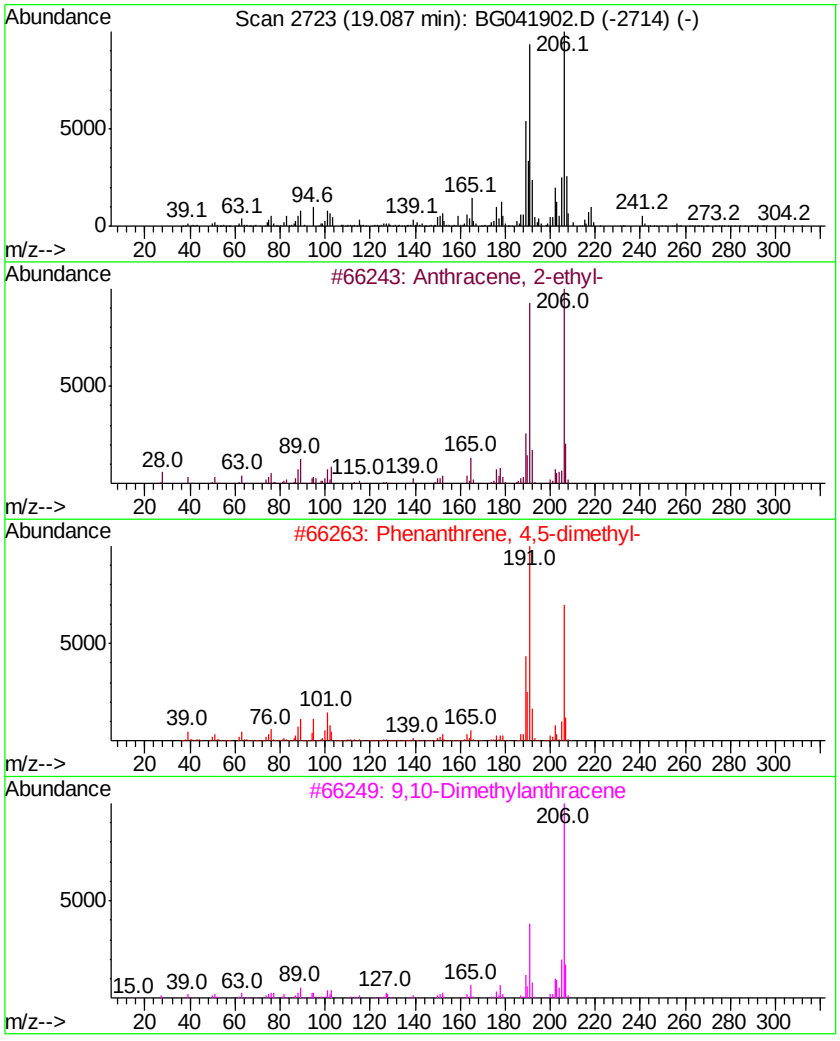
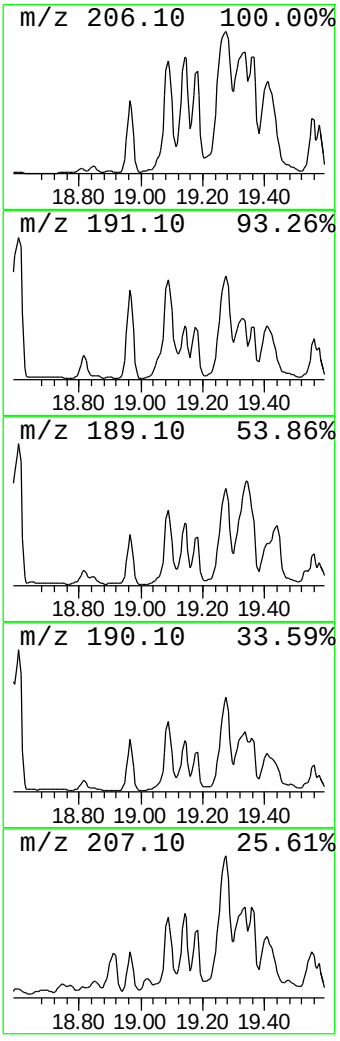
Peak Number 25 Anthracene, 2-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	5.27 ng/ul	20220000	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70





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Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 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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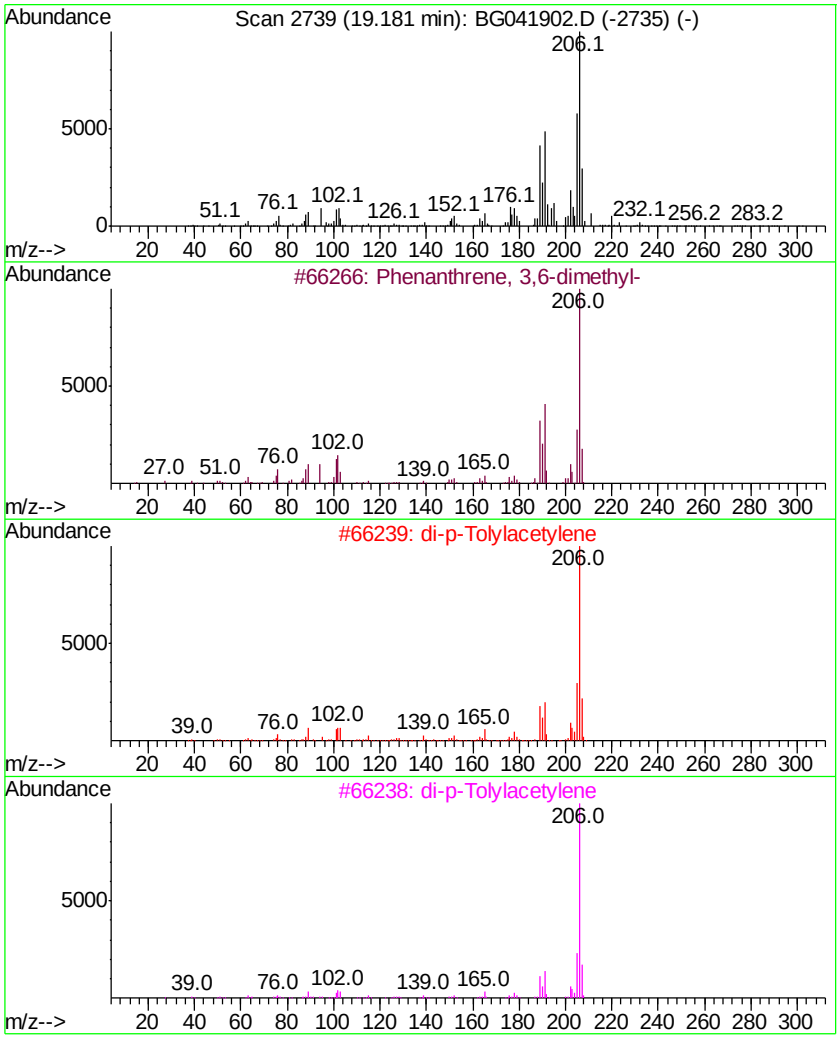
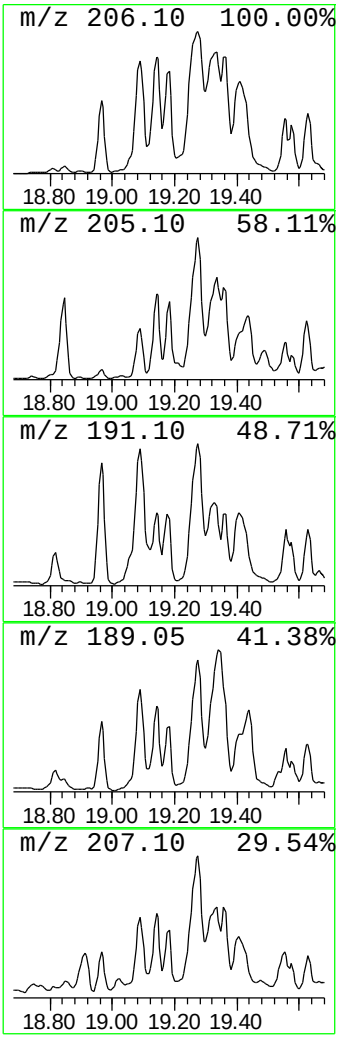
Peak Number 26 Phenanthrene, 3,6-dimethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	2.24 ng/ul	8607910	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	78
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 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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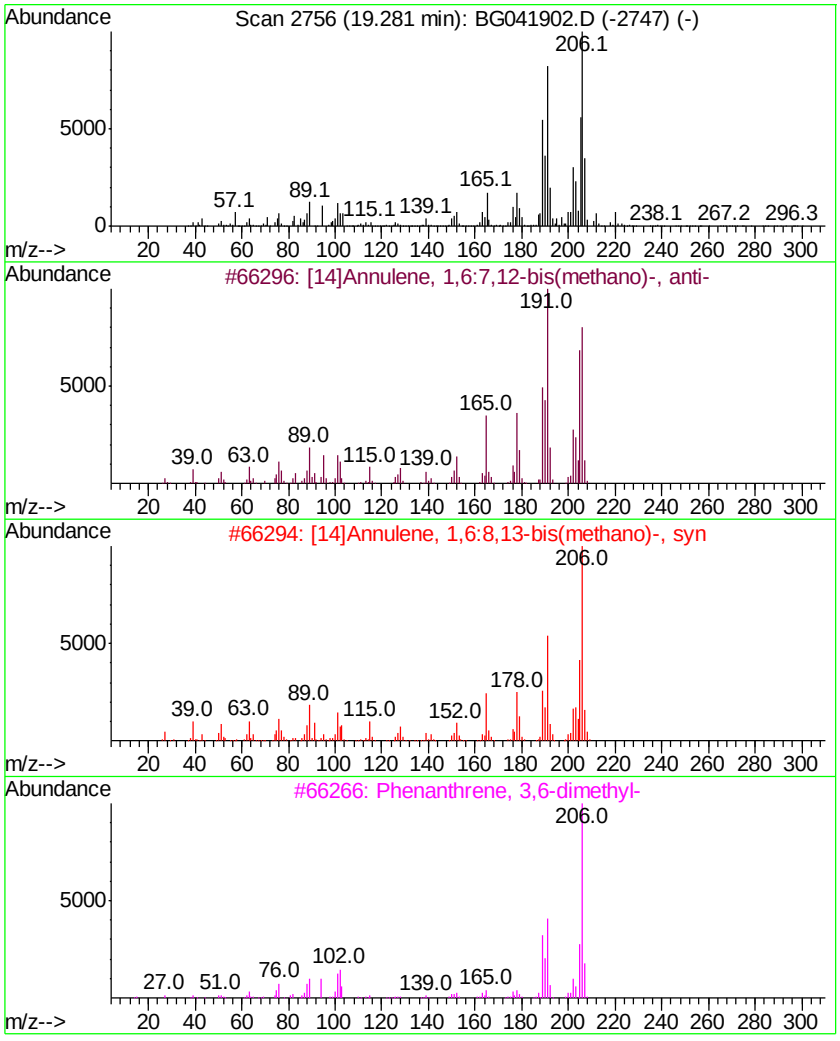
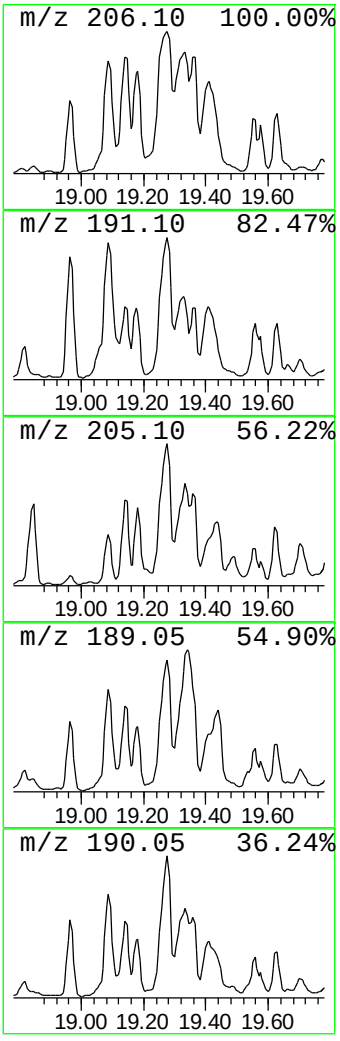
Peak Number 27 [14]Annulene, 1,6:7,12-bis(... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	7.79 ng/ul	29929500	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:7,12-bis(metha...	206	C16H14	085440-62-6	93
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	86
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	68
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	64





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Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 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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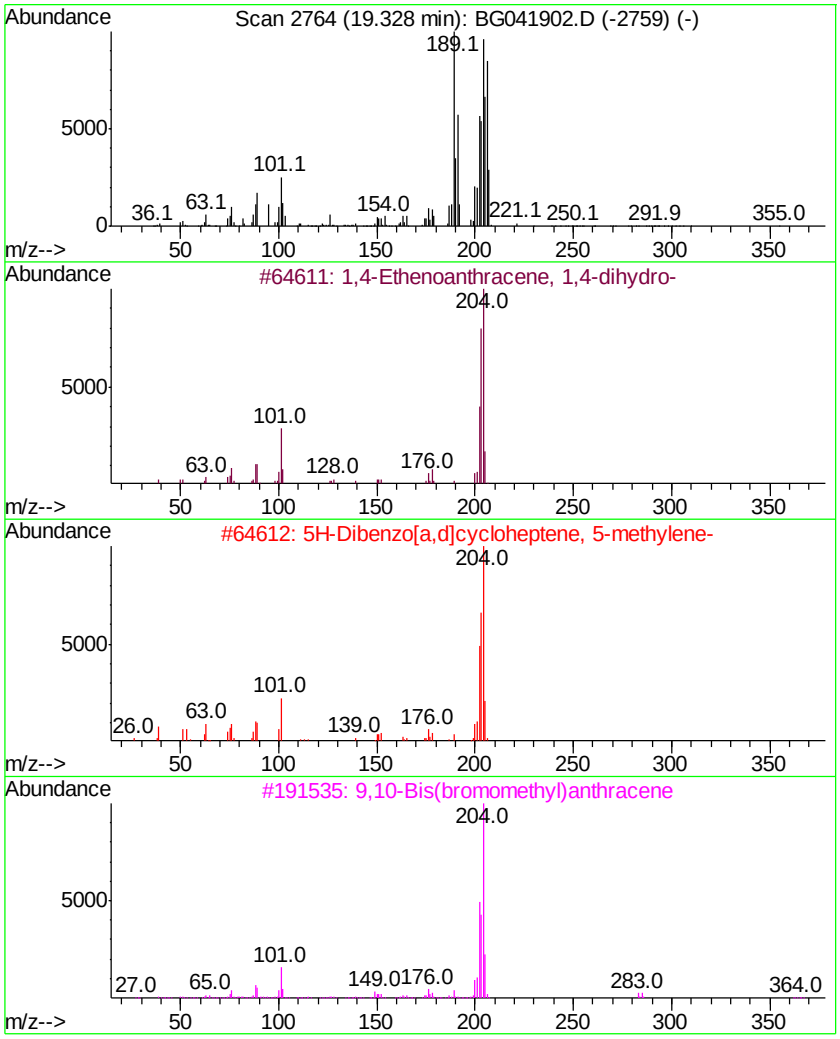
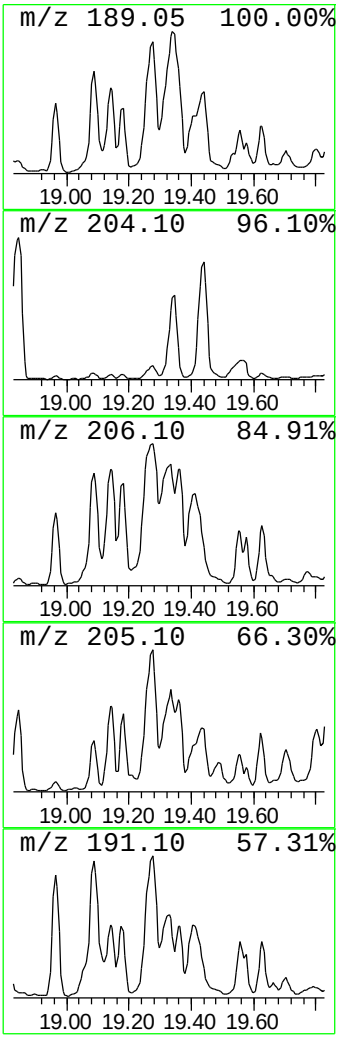
Peak Number 28 unknown-02 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	6.93 ng/ul	26593200	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	44
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38
5	(7-Isopropylidenebicyclo[2.2.1]h...	204	C13H16O2	1000211-02-2	27





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Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 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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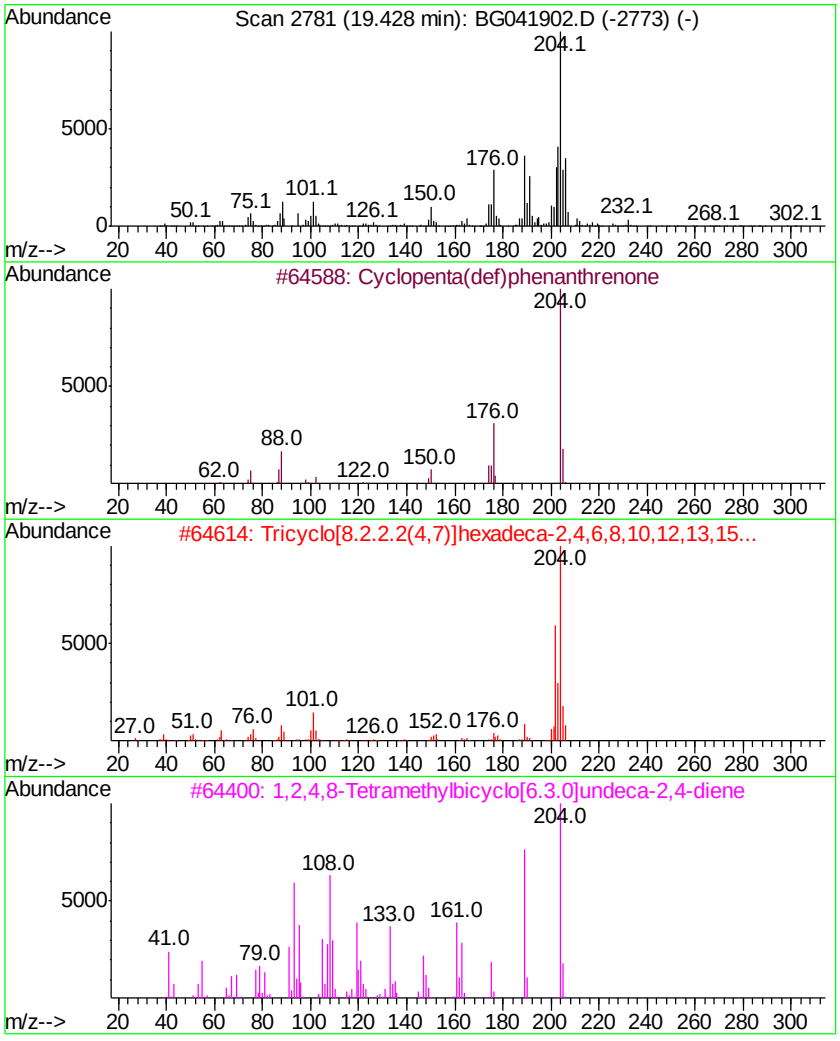
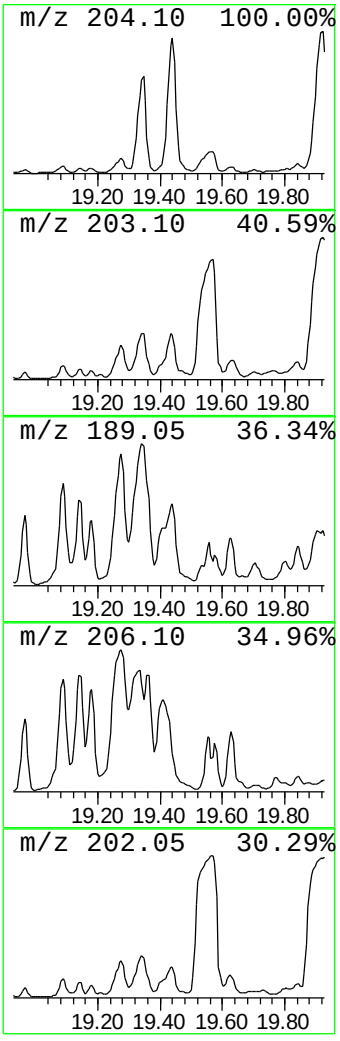
Peak Number 29 Cyclopenta(def)phenanthrenone Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	4.81 ng/ul	18474900	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	59
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 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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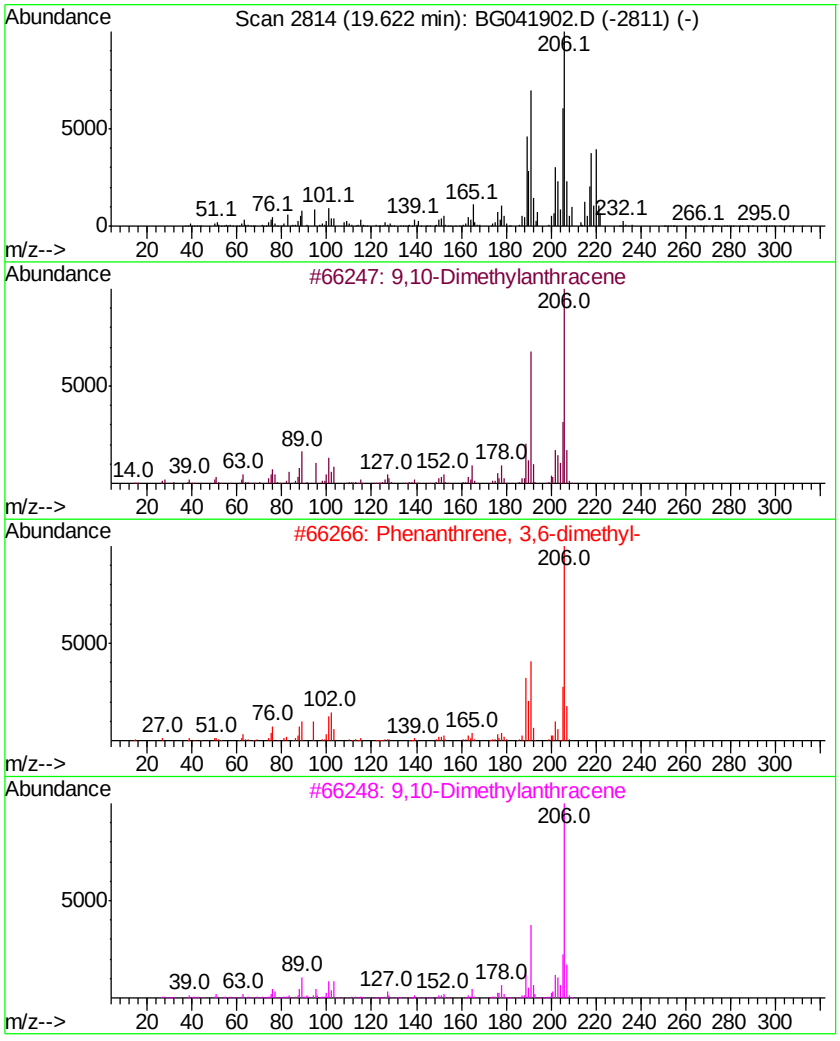
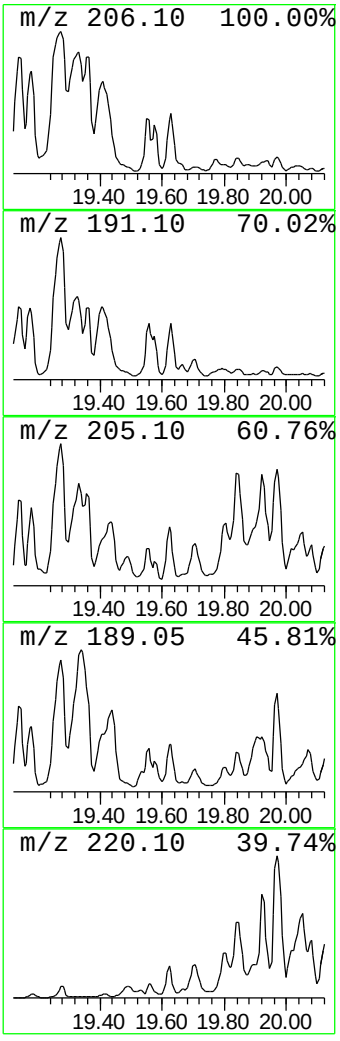
Peak Number 30 9,10-Dimethylanthracene Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.68 ng/ul	10309600	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	53
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 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	23.0	ng/ul	9260510	2	10.86	8050340	20.0
Naphthalene, 1-et...	13.73	51.6	ng/ul	7447690	3	14.70	2887140	20.0
Naphthalene, 2,6-...	13.88	65.5	ng/ul	9462580	3	14.70	2887140	20.0
Naphthalene, 1,7-...	14.02	75.5	ng/ul	10897000	3	14.70	2887140	20.0
Naphthalene, 2,3-...	14.26	38.9	ng/ul	5619390	3	14.70	2887140	20.0
1-Isopropenylnaph...	15.01	46.0	ng/ul	6638610	3	14.70	2887140	20.0
Naphthalene, 2,3,...	15.17	30.3	ng/ul	4369720	3	14.70	2887140	20.0
Naphthalene, 1,6,...	15.32	25.1	ng/ul	3630960	3	14.70	2887140	20.0
Naphthalene, 1,4,...	15.37	23.6	ng/ul	3405460	3	14.70	2887140	20.0
Naphthalene, 1,4,...	15.49	36.1	ng/ul	5205220	3	14.70	2887140	20.0
Benzene, [1-(2,4-...	15.85	36.5	ng/ul	5266310	3	14.70	2887140	20.0
Naphthalene, 1-(2...	15.88	31.5	ng/ul	4546790	3	14.70	2887140	20.0
9H-Fluorene, 1-me...	16.75	3.1	ng/ul	11821600	4	17.46	76797200	20.0
9H-Fluorene, 2-me...	16.81	2.5	ng/ul	9420670	4	17.46	76797200	20.0
Naphtho[1,2-b]thi...	17.28	3.0	ng/ul	11616200	4	17.46	76797200	20.0
1-Methyldibenzoth...	18.05	3.5	ng/ul	13390100	4	17.46	76797200	20.0
4-Methylnaphtho[1...	18.19	2.5	ng/ul	9396210	4	17.46	76797200	20.0
8,9-Dihydrocyclop...	18.36	8.7	ng/ul	33380700	4	17.46	76797200	20.0
5H-Dibenzo[a,d]cy...	18.42	9.1	ng/ul	34978300	4	17.46	76797200	20.0
Phenanthrene, 1-m...	18.49	4.5	ng/ul	17466000	4	17.46	76797200	20.0
5-Bromo-2-thiophe...	18.56	11.8	ng/ul	45108700	4	17.46	76797200	20.0
unknown-01	18.61	4.9	ng/ul	18796000	4	17.46	76797200	20.0
5H-Dibenzo[a,d]cy...	18.85	4.1	ng/ul	15668500	4	17.46	76797200	20.0
9,10-Anthracenedione	18.91	3.9	ng/ul	14936400	4	17.46	76797200	20.0
Anthracene, 2-ethyl-	19.09	5.3	ng/ul	20220000	4	17.46	76797200	20.0
Phenanthrene, 3,6...	19.18	2.2	ng/ul	8607910	4	17.46	76797200	20.0
[14]Annulene, 1,6...	19.28	7.8	ng/ul	29929500	4	17.46	76797200	20.0
unknown-02	19.33	6.9	ng/ul	26593200	4	17.46	76797200	20.0
Cyclopenta(def)ph...	19.43	4.8	ng/ul	18474900	4	17.46	76797200	20.0
9,10-Dimethylanth...	19.62	2.7	ng/ul	10309600	4	17.46	76797200	20.0