LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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	8.058	839	846	865	rVB	174258	316193	7.23%	0.580%
2	10.878	1317	1326	1331	rBV	242726	469284	10.73%	0.860%
3	10.931	1331	1335	1342	rVV	109801	201055	4.60%	0.368%
4	12.535	1600	1608	1617	rBV	176107	305971	7.00%	0.561%
5	12.758	1635	1646	1655	rVV	131029	234553	5.37%	0.430%
6	13.739	1807	1813	1823	rVB	89743	175035	4.00%	0.321%
7	13.874	1826	1836	1845	rBV2	88196	227655	5.21%	0.417%
8	14.027	1855	1862	1867	rBV	145955	264431	6.05%	0.485%
9	14.086	1867	1872	1881	rVB2	88666	168774	3.86%	0.309%
10	14.268	1893	1903	1906	rBV	77848	130680	2.99%	0.240%
11	14.709	1967	1978	1983	rBV	413478	722587	16.53%	1.324%
12	14.767	1983	1988	1997	rVV	311637	521918	11.94%	0.957%
13	14.914	2006	2013	2022	rBV	81121	203704	4.66%	0.373%
14	15.014	2022	2030	2035	rBV2	84338	159784	3.65%	0.293%
15	15.102	2035	2045	2052	rVB2	98115	181933	4.16%	0.333%
16	15.496	2103	2112	2116	rBV3	53559	125103	2.86%	0.229%
17	15.755	2150	2156	2167	rBV	237022	394342	9.02%	0.723%
18	15.849	2167	2172	2174	rBV2	82624	124072	2.84%	0.227%
19	15.878	2174	2177	2180	rVV2	97362	129935	2.97%	0.238%
20	15.919	2180	2184	2188	rVB4	119214	185053	4.23%	0.339%
21	16.759	2316	2327	2331	rVV3	121898	319289	7.30%	0.585%
22	16.806	2331	2335	2341	rVV3	122120	248465	5.68%	0.455%
23	16.912	2349	2353	2358	rVB	88255	142861	3.27%	0.262%
24	16.965	2358	2362	2368	rBV3	61835	130359	2.98%	0.239%
25	17.029	2368	2373	2380	rVV3	77127	152813	3.50%	0.280%
26	17.106	2380	2386	2393	rVV4	70946	145617	3.33%	0.267%
27	17.200	2396	2402	2410	rVV6	41654	138366	3.17%	0.254%
28	17.276	2410	2415	2425	rVB	176735	307008	7.02%	0.563%
29	17.458	2440	2446	2449	rVV2	487073	825356	18.88%	1.513%
30	17.500	2449	2453	2459	rVV	1997205	3073452	70.30%	5.633%
31	17.588	2464	2468	2474	rVB	539420	758988	17.36%	1.391%
32	17.652	2474	2479	2483	rBV2	58770	115286	2.64%	0.211%
33	17.864	2510	2515	2520	rBV5	55499	124190	2.84%	0.228%
34	18.040	2538	2545	2554	rBV	232472	374376	8.56%	0.686%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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	18.181	2564	2569	2576	rVB	121711	237644	5.44%	0.436%
36	18.334	2586	2595	2599	rVV	741584	1181175	27.02%	2.165%
37	18.381	2599	2603	2610	rVB	867026	1380652	31.58%	2.530%
38	18.463	2610	2617	2622	rBV	298403	507585	11.61%	0.930%
39	18.528	2622	2628	2632	rVV2	762321	1610725	36.84%	2.952%
40	18.563	2632	2634	2641	rVB	557309	737817	16.88%	1.352%
41	18.733	2658	2663	2667	rBV2	97995	140261	3.21%	0.257%
42	18.827	2674	2679	2683	rBV	328620	486721	11.13%	0.892%
43	18.868	2683	2686	2696	rVB4	253897	472444	10.81%	0.866%
44	18.957	2696	2701	2705	rBV	139997	220312	5.04%	0.404%
45	19.051	2712	2717	2718	rBV2	79241	110316	2.52%	0.202%
46	19.074	2718	2721	2725	rVV	303654	426446	9.75%	0.782%
47	19.127	2726	2730	2733	rVV	207087	304285	6.96%	0.558%
48	19.162	2733	2736	2740	rVB2	172996	232176	5.31%	0.426%
49	19.250	2745	2751	2755	rVV	519818	905035	20.70%	1.659%
50	19.309	2755	2761	2764	rVV3	282432	667761	15.27%	1.224%
51	19.339	2764	2766	2770	rVV	169449	188733	4.32%	0.346%
52	19.386	2770	2774	2788	rVV3	255504	674956	15.44%	1.237%
53	19.509	2790	2795	2801	rVV	1635322	2337627	53.47%	4.284%
54	19.568	2802	2805	2808	rVV2	124314	177715	4.07%	0.326%
55	19.603	2808	2811	2816	rVB	139282	196972	4.51%	0.361%
56	19.703	2822	2828	2832	rVB3	108176	170930	3.91%	0.313%
57	19.750	2832	2836	2839	rBV2	153691	222750	5.10%	0.408%
58	19.785	2839	2842	2847	rVB	111936	152243	3.48%	0.279%
59	19.873	2847	2857	2865	rBV	2261786	4371701	100.00%	8.013%
60	19.944	2865	2869	2875	rVB2	204154	381610	8.73%	0.699%
61	20.102	2893	2896	2902	rVB3	118037	177964	4.07%	0.326%
62	20.202	2905	2913	2922	rBV2	323919	835157	19.10%	1.531%
63	20.279	2922	2926	2929	rBV3	75590	124579	2.85%	0.228%
64	20.331	2930	2935	2936	rVV4	222765	356099	8.15%	0.653%
65	20.361	2936	2940	2945	rVB	533444	808906	18.50%	1.483%
66	20.461	2950	2957	2962	rBV	425872	721256	16.50%	1.322%
67	20.519	2962	2967	2971	rVV	596740	934818	21.38%	1.713%
68	20.561	2971	2974	2978	rVV	221604	324072	7.41%	0.594%
69	20.602	2978	2981	2986	rVB2	111314	147930	3.38%	0.271%
70	20.660	2986	2991	2994	rBV	401146	550648	12.60%	1.009%
71	20.702	2994	2998	3003	rVB	376638	502926	11.50%	0.922%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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	20.819	3014	3018	3023	rVB5	87192	144760	3.31%	0.265%
73	21.089	3060	3064	3066	rVV3	90697	150808	3.45%	0.276%
74	21.125	3067	3070	3077	rVB	222645	401800	9.19%	0.736%
75	21.225	3085	3087	3093	rVB	79264	118756	2.72%	0.218%
76	21.313	3094	3102	3106	rVV2	328839	739090	16.91%	1.355%
77	21.354	3106	3109	3114	rVV	261953	420502	9.62%	0.771%
78	21.407	3114	3118	3122	rVV3	137651	277601	6.35%	0.509%
79	21.460	3123	3127	3136	rVB2	159817	373683	8.55%	0.685%
80	21.724	3165	3172	3179	rBV2	1343772	3254876	74.45%	5.966%
81	21.789	3179	3183	3196	rVB	1181846	2134995	48.84%	3.913%
82	21.894	3197	3201	3205	rBV2	111880	166550	3.81%	0.305%
83	21.947	3205	3210	3215	rBV2	201215	376997	8.62%	0.691%
84	22.218	3253	3256	3268	rVB2	113098	247791	5.67%	0.454%
85	22.406	3284	3288	3293	rBV	118723	216259	4.95%	0.396%
86	22.488	3293	3302	3307	rVV	432630	1015175	23.22%	1.861%
87	22.558	3309	3314	3322	rVB2	292898	587433	13.44%	1.077%
88	22.693	3334	3337	3342	rVB3	109808	187968	4.30%	0.345%
89	22.764	3344	3349	3353	rVV2	166383	323311	7.40%	0.593%
90	22.811	3353	3357	3364	rVB4	188278	357487	8.18%	0.655%
91	22.905	3368	3373	3382	rVB4	128240	334901	7.66%	0.614%
92	23.287	3434	3438	3445	rVB3	123361	235211	5.38%	0.431%
93	23.986	3549	3557	3564	rBV2	386281	1344112	30.75%	2.464%
94	24.115	3574	3579	3591	rVB3	143522	335521	7.67%	0.615%
95	24.245	3596	3601	3609	rVB	91694	204553	4.68%	0.375%
96	24.720	3674	3682	3695	rBV	331399	881636	20.17%	1.616%
97	24.867	3698	3707	3722	rVB2	492111	1511538	34.58%	2.770%
98	25.020	3725	3733	3740	rVV2	306159	859434	19.66%	1.575%
99	25.096	3742	3746	3764	rVB4	178054	594381	13.60%	1.089%
100	28.780	4363	4373	4395	rVB3	129875	684360	15.65%	1.254%

Sum of corrected areas: 54560924

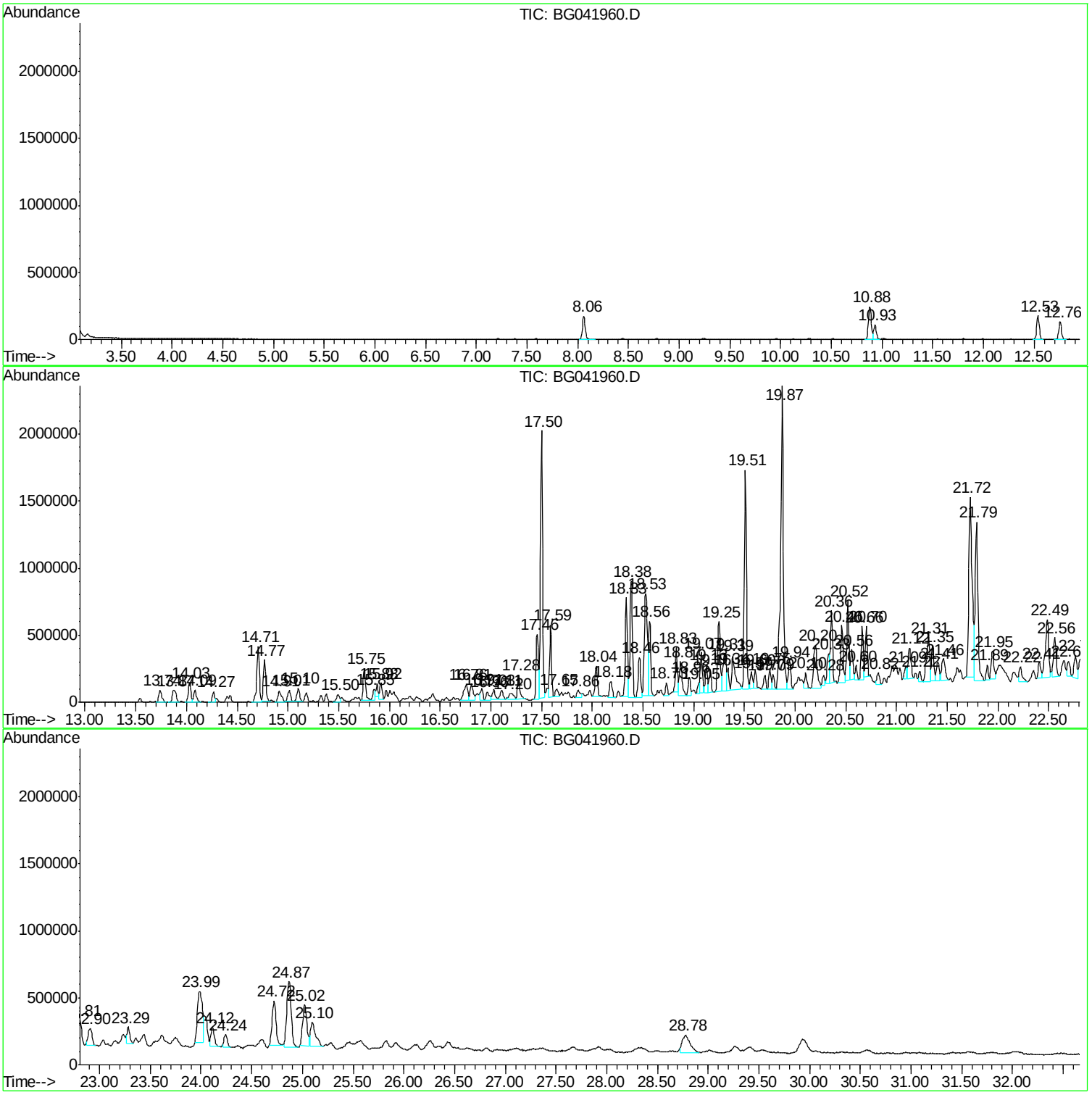
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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 : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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

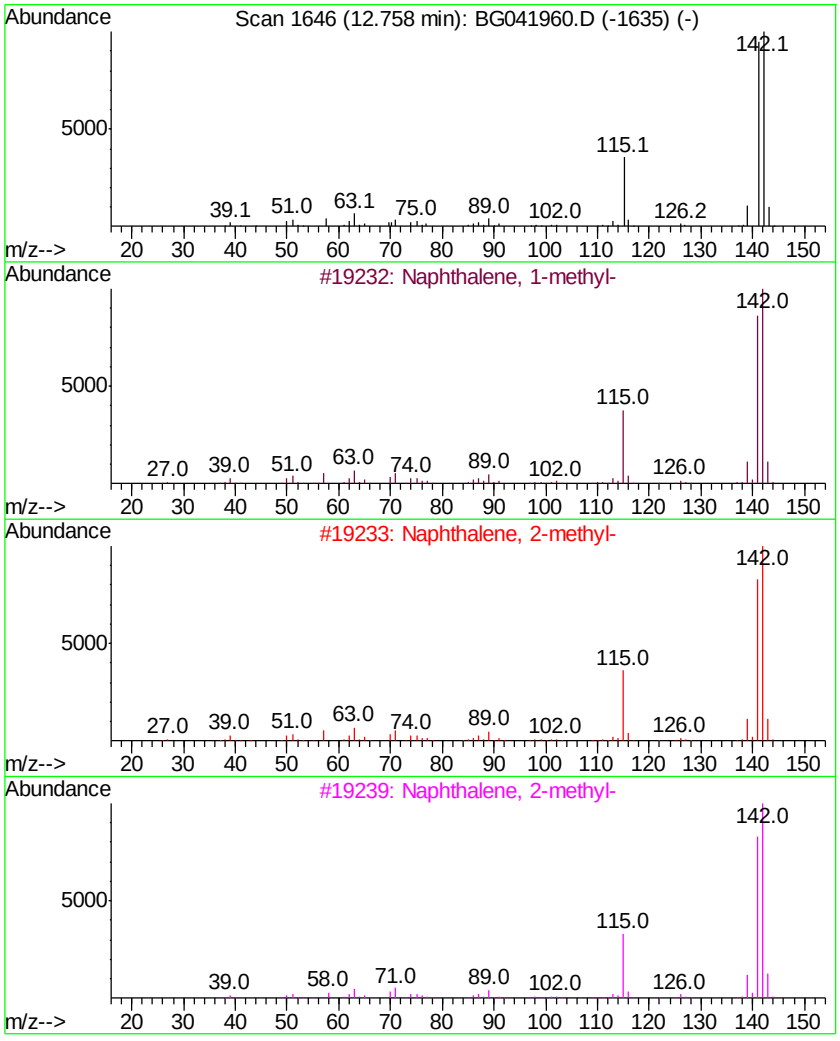
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

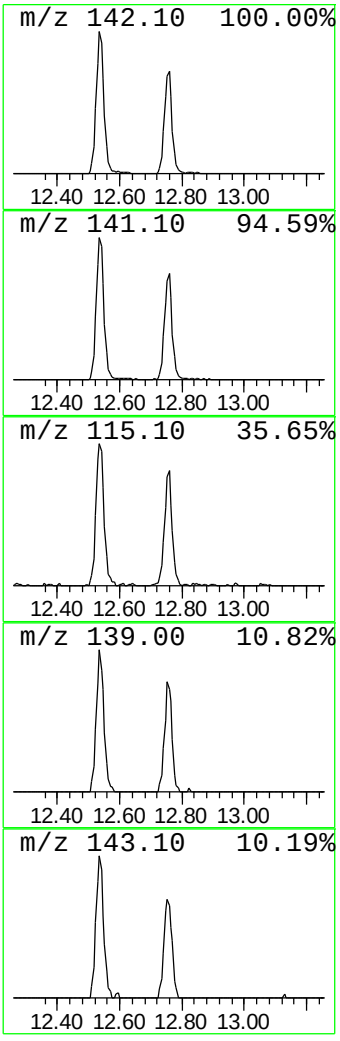
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	10.00 ng/ul	234553	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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

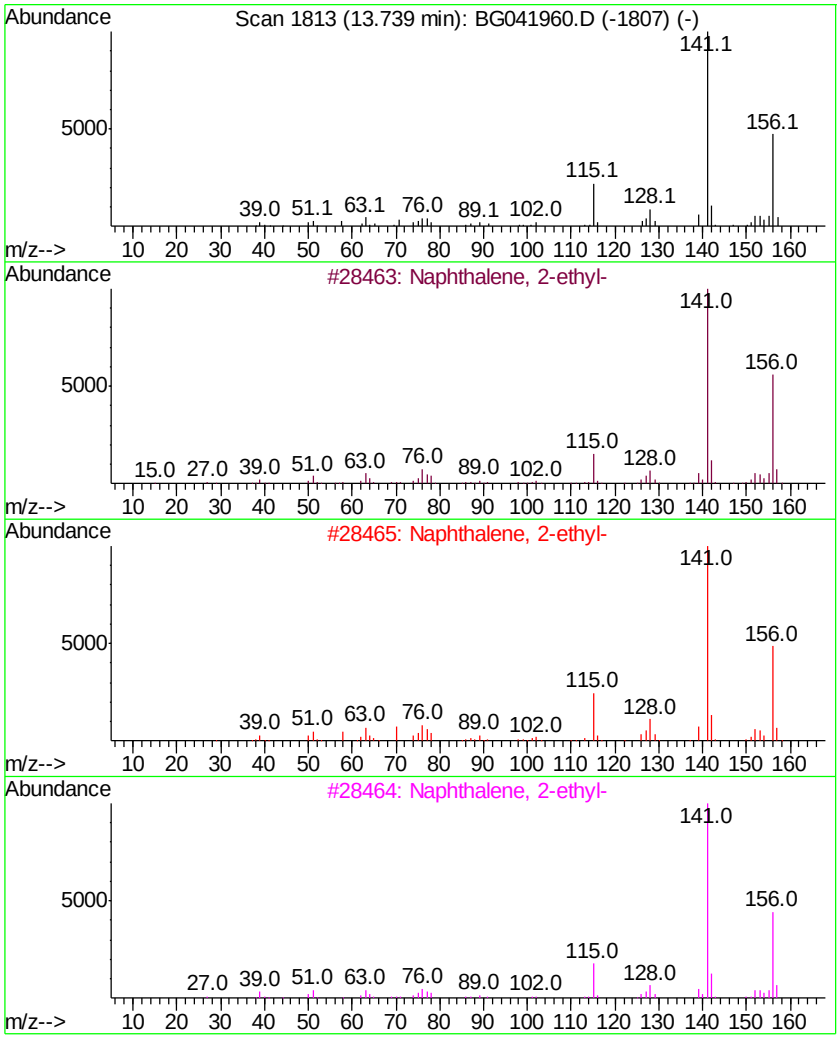
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

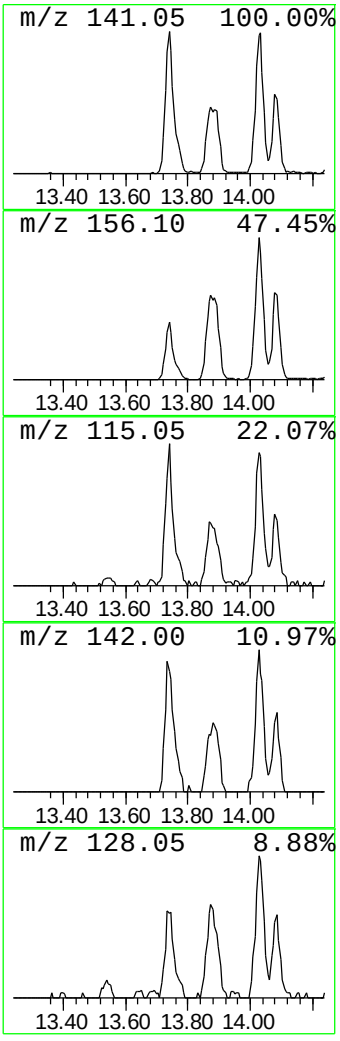
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	4.84 ng/ul	175035	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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

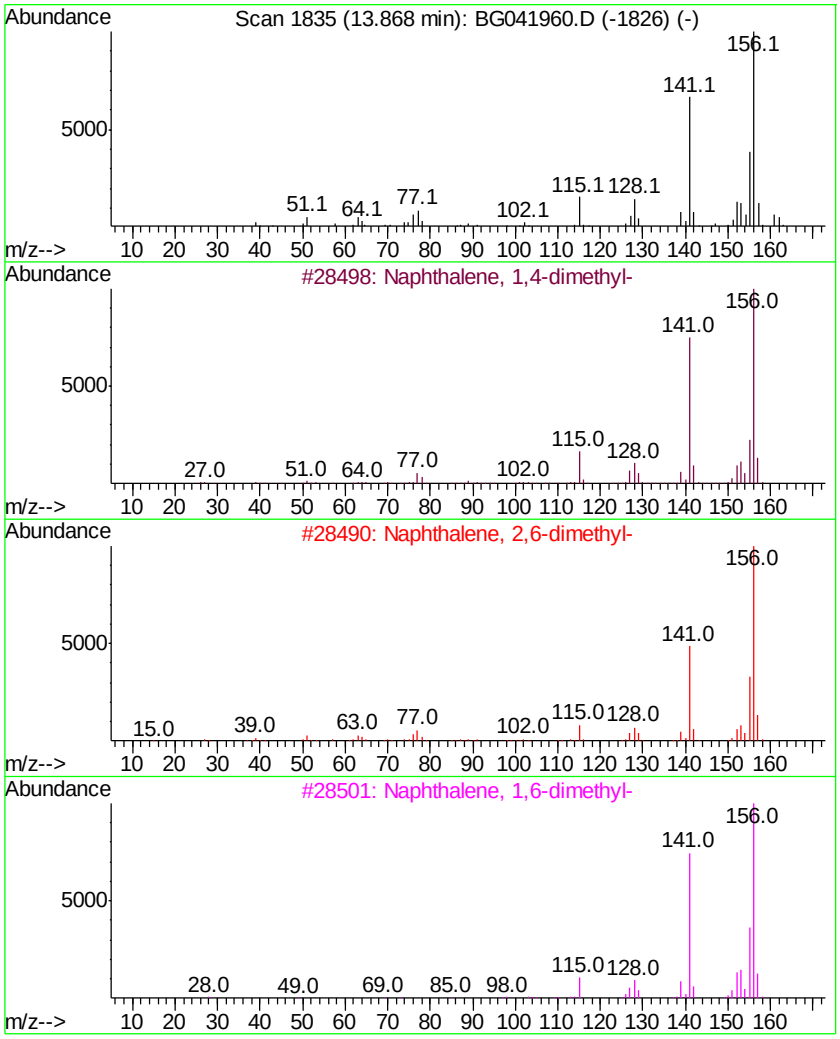
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

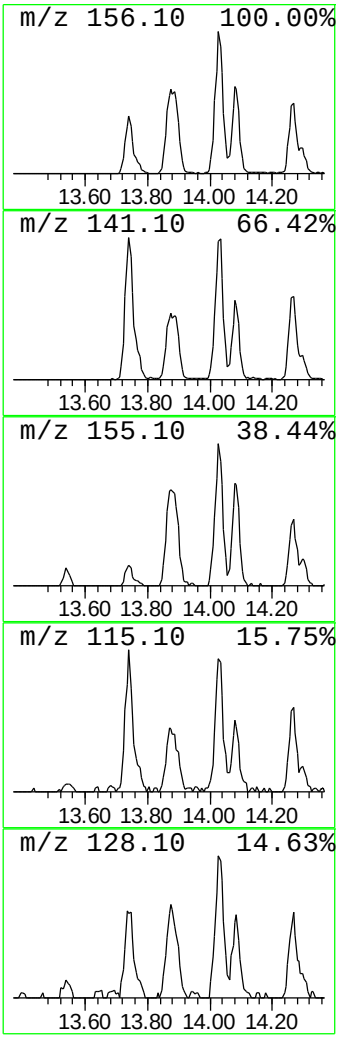
****

Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.30 ng/ul	227655	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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

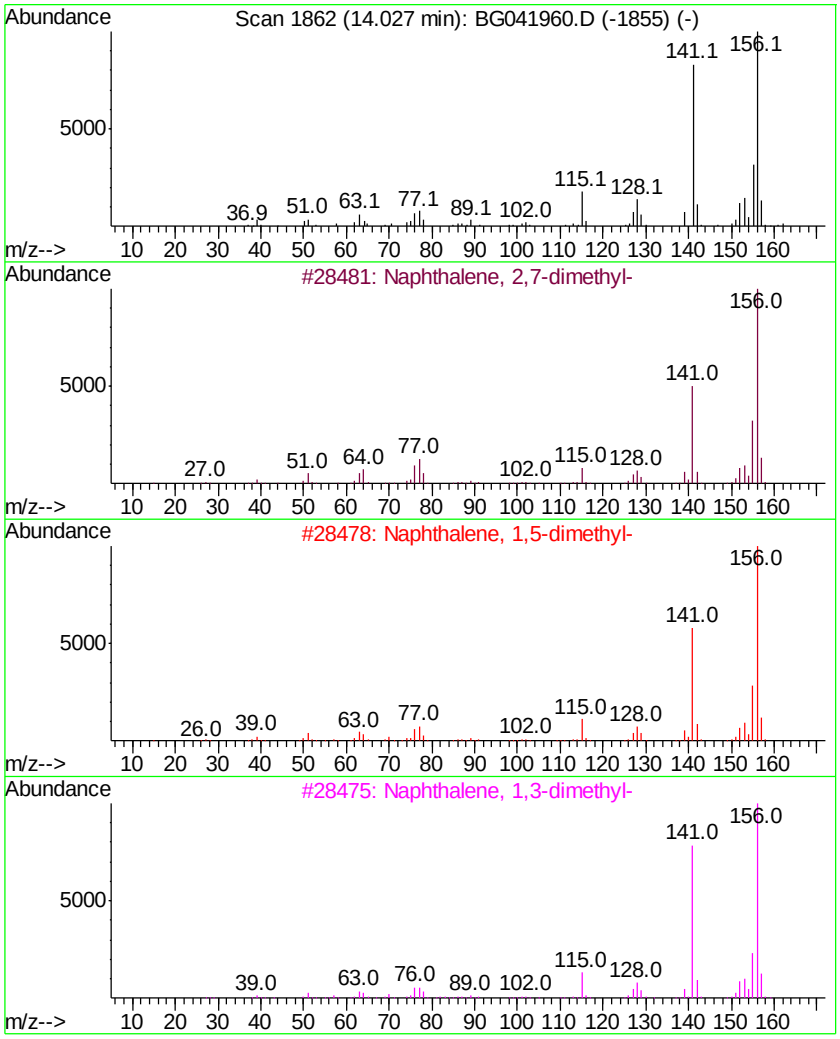
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

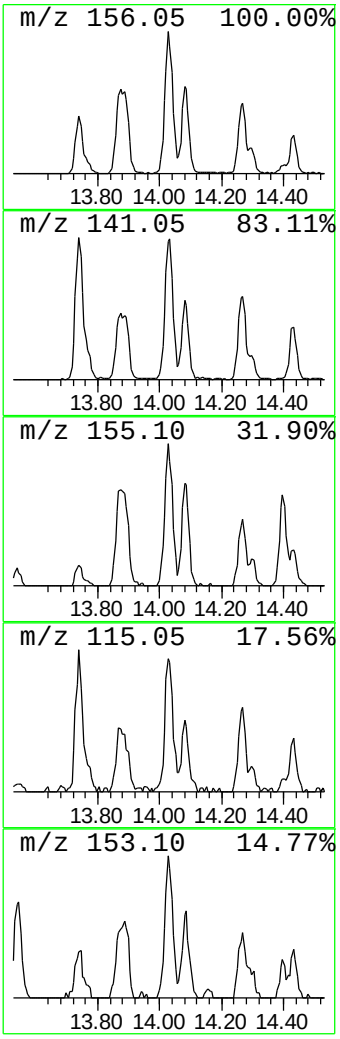
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	7.32 ng/ul	264431	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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

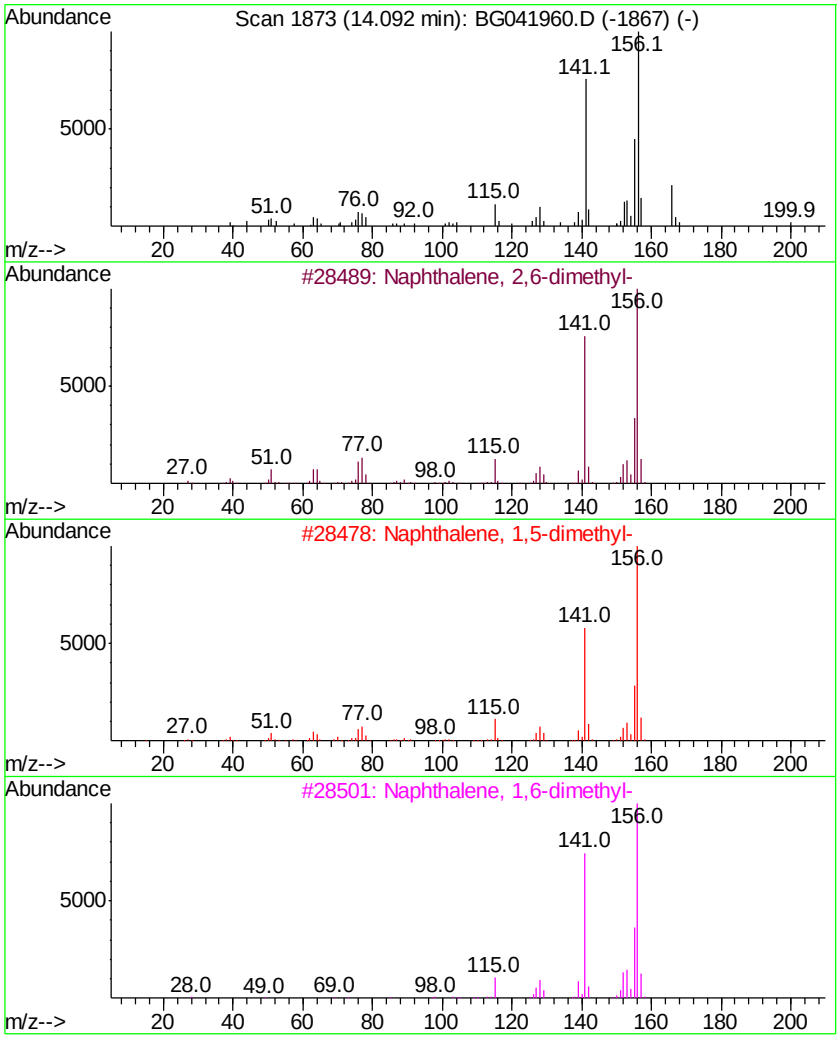
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

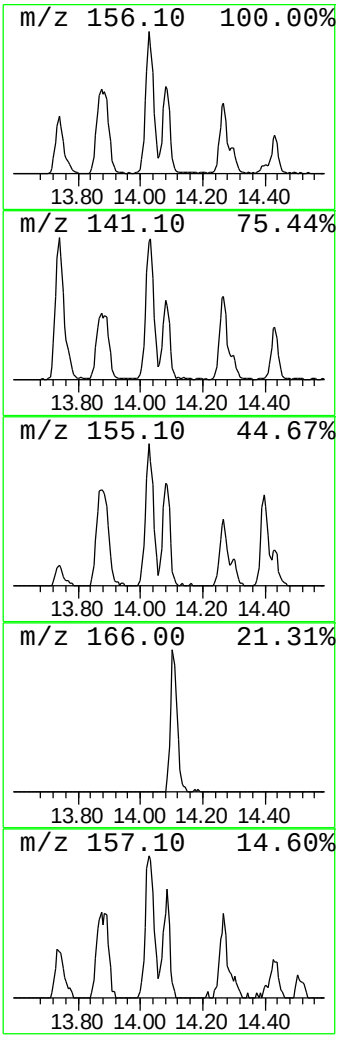
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	4.67 ng/ul	168774	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





Library Search Compound Report

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Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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Quant Title : SVOA CALIBRATION

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

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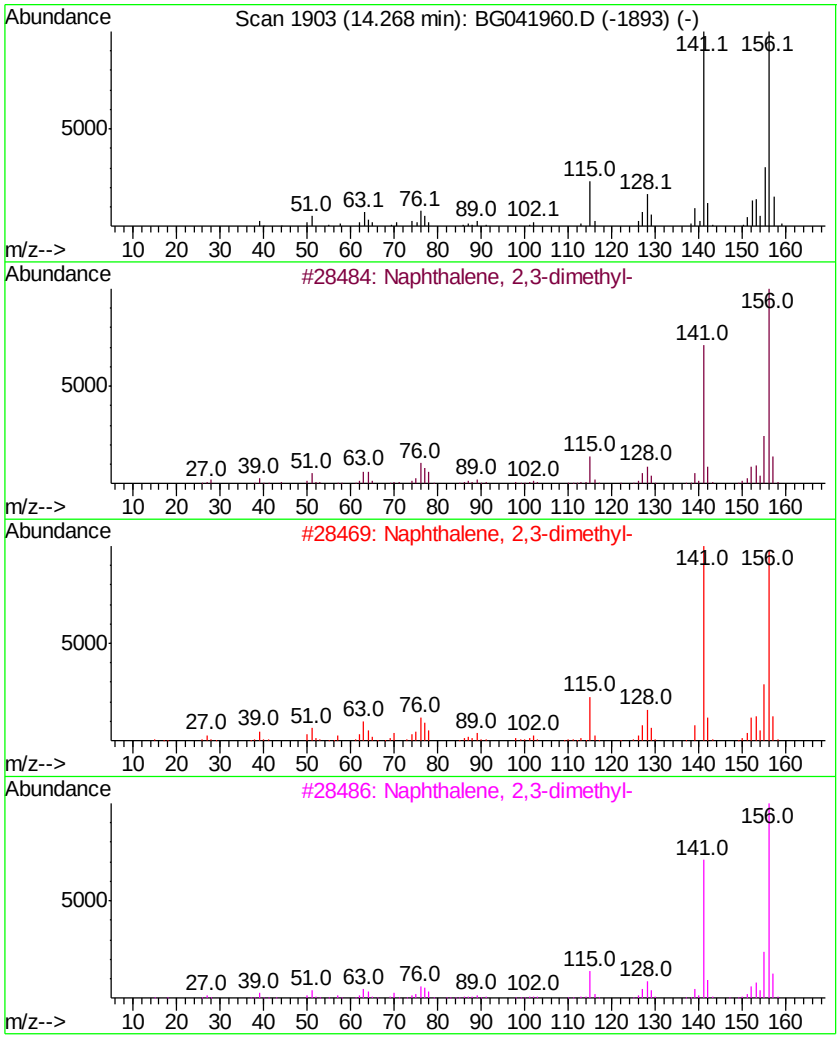
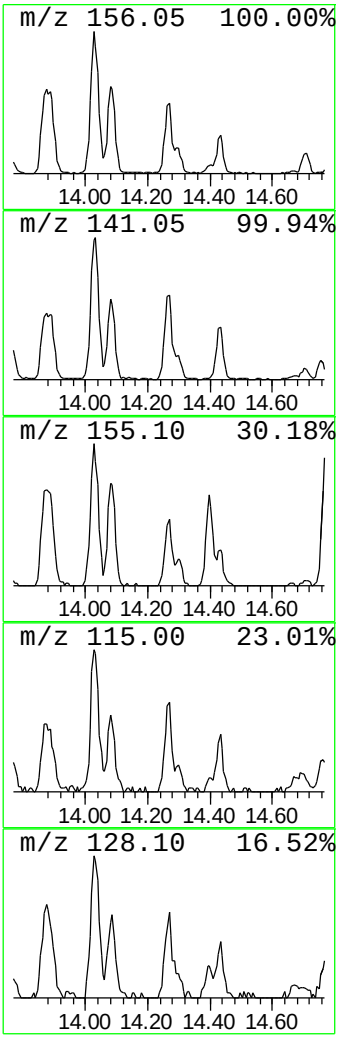
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	3.62 ng/ul	130680	Acenaphthene-d10	14.71

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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

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Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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Quant Title : SVOA CALIBRATION

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

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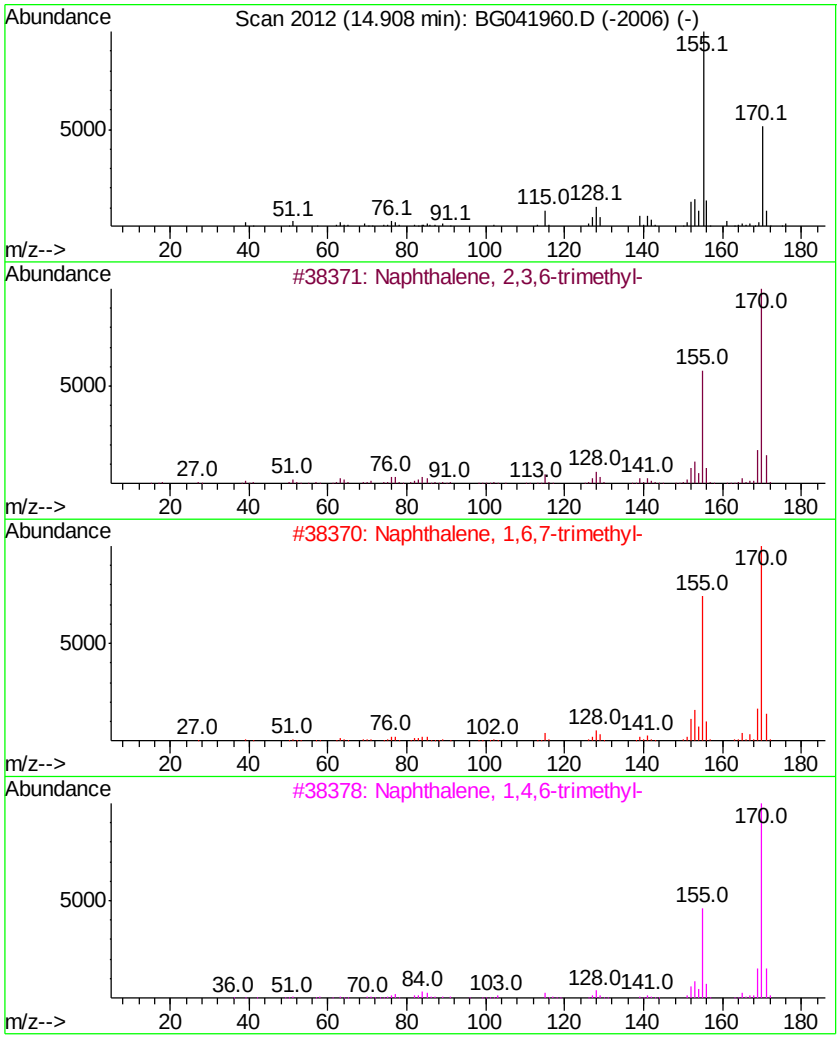
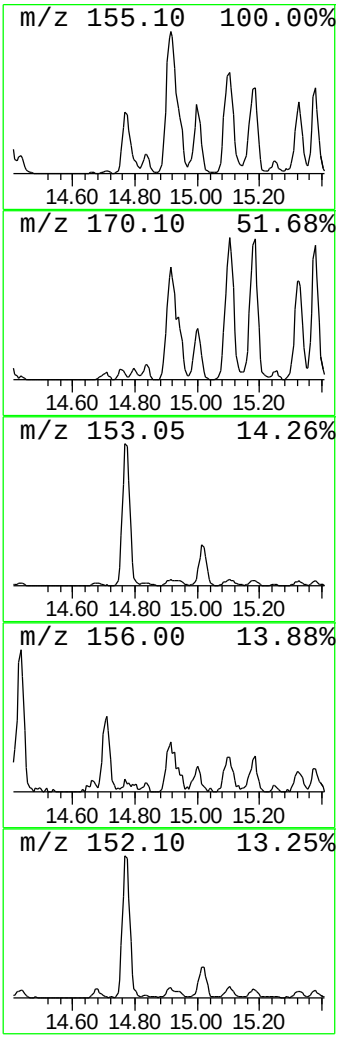
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	5.64 ng/ul	203704	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91





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Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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Quant Title : SVOA CALIBRATION

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

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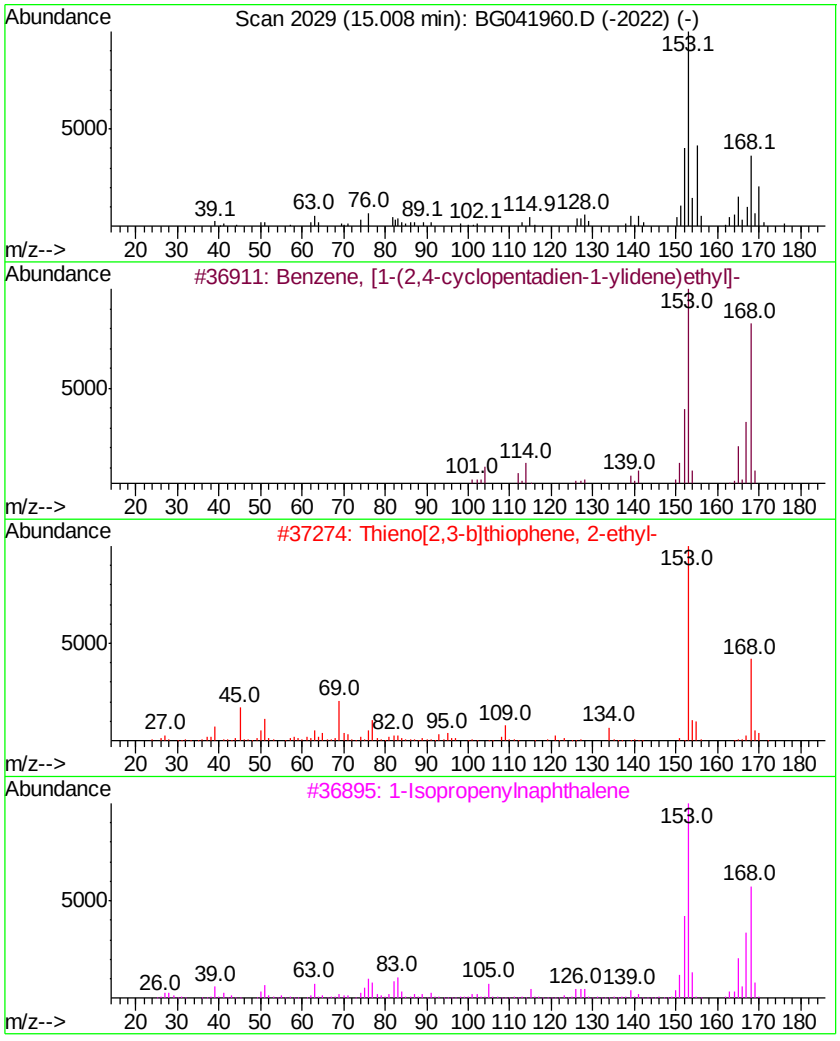
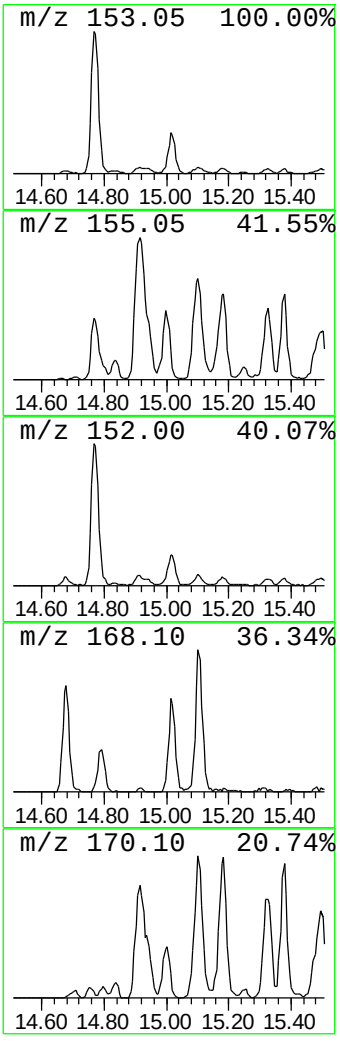
Peak Number 8 Benzene, [1-(2,4-cyclopenta... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	4.42 ng/ul	159784	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	80
2	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	59
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	52
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50





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Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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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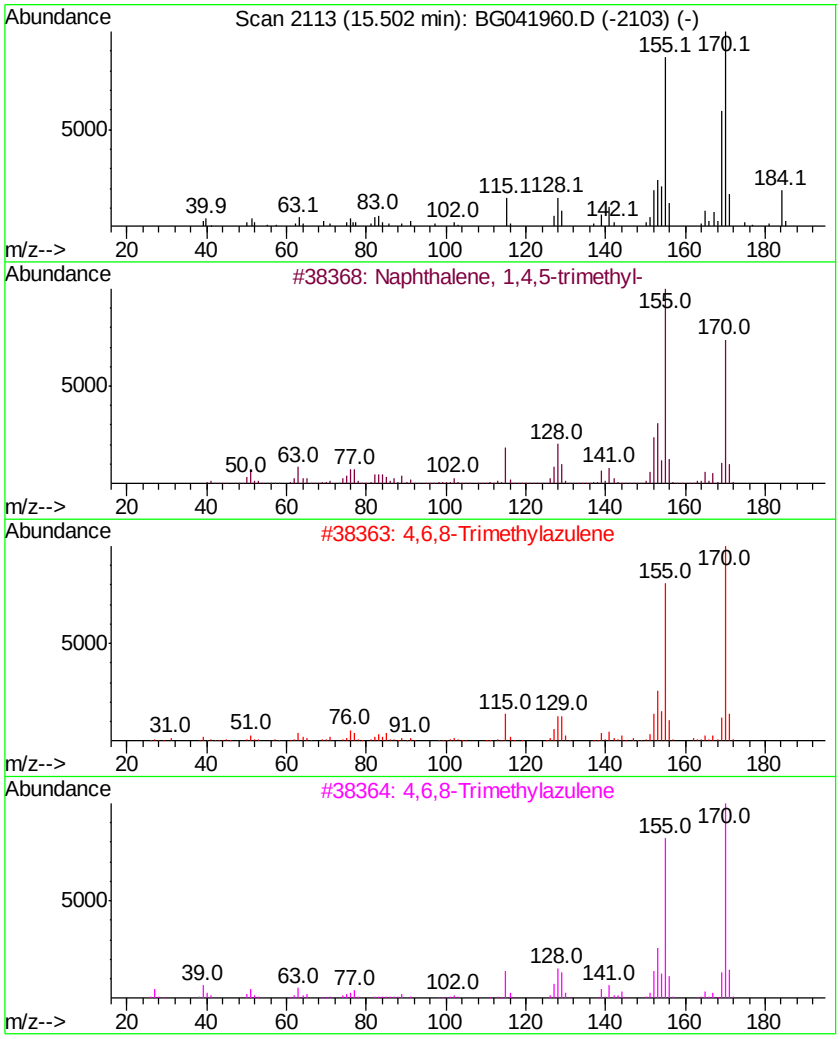
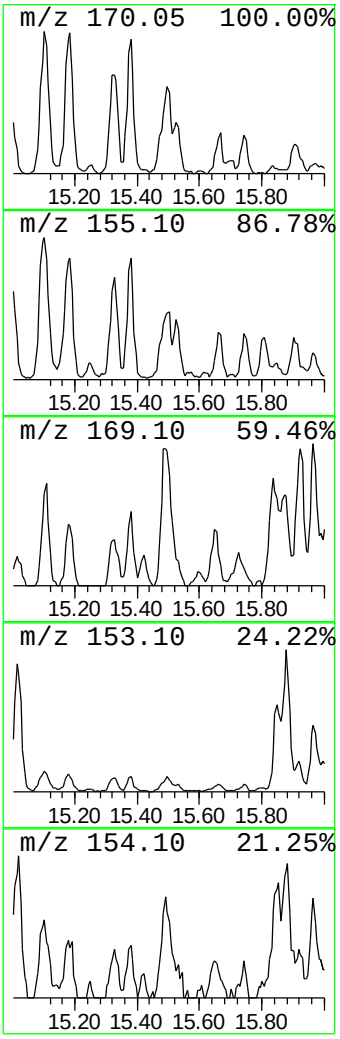
Peak Number 9 Naphthalene, 1,4,5-trimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.46 ng/ul	125103	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76





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Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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Quant Title : SVOA CALIBRATION

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

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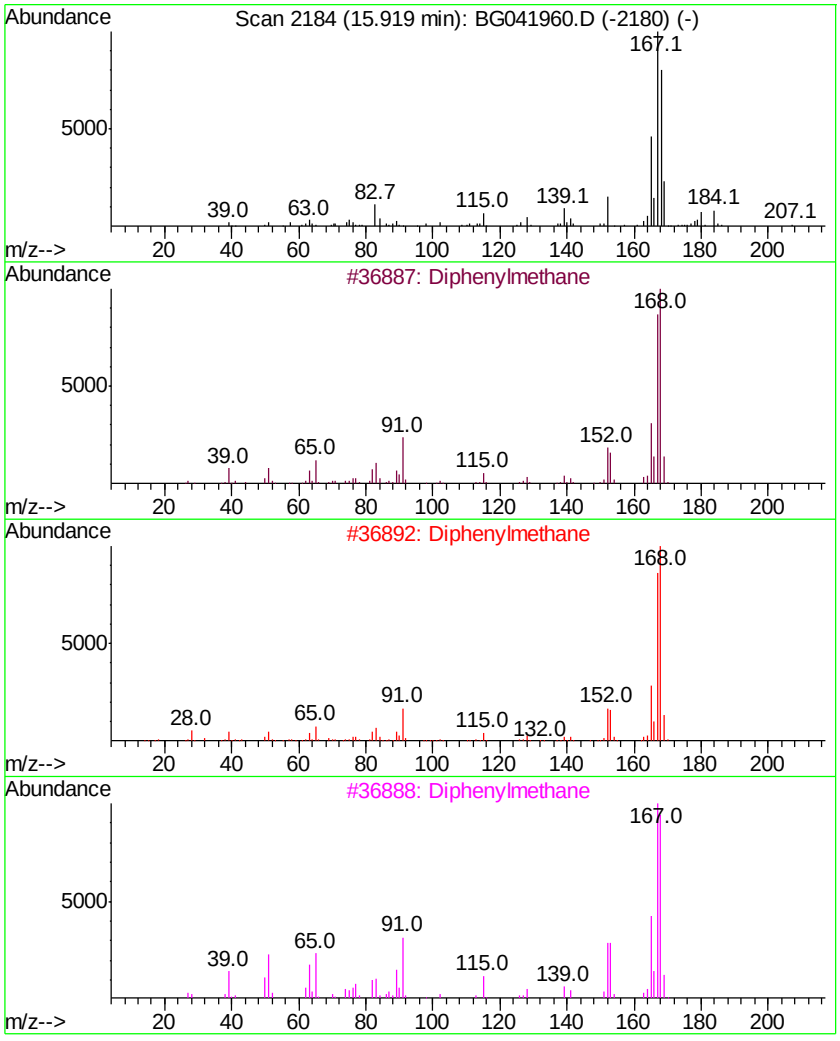
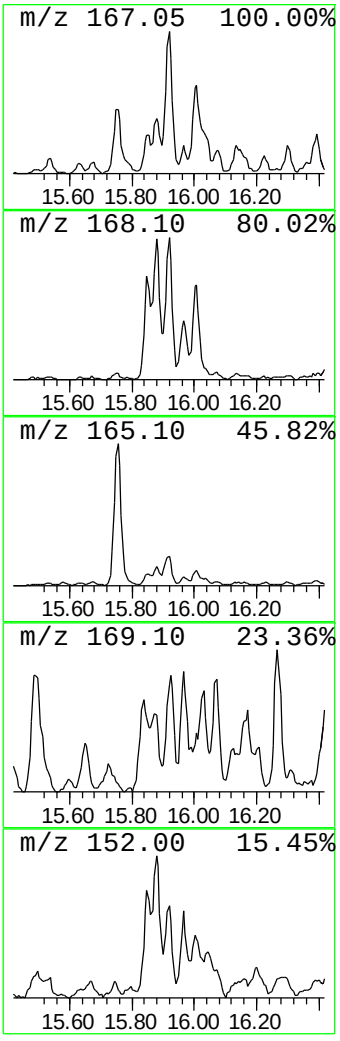
Peak Number 12 Diphenylmethane Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	5.12 ng/ul	185053	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	64
2	Diphenylmethane	168	C13H12	000101-81-5	58
3	Diphenylmethane	168	C13H12	000101-81-5	58
4	Nordiphenamid	225	C15H15NO	000954-21-2	53
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	52





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Sample : K3850-02DL2 30X
Misc :
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Instrument : BNA_G
ClientSampleId : BENP1DL2

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Quant Title : SVOA CALIBRATION

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

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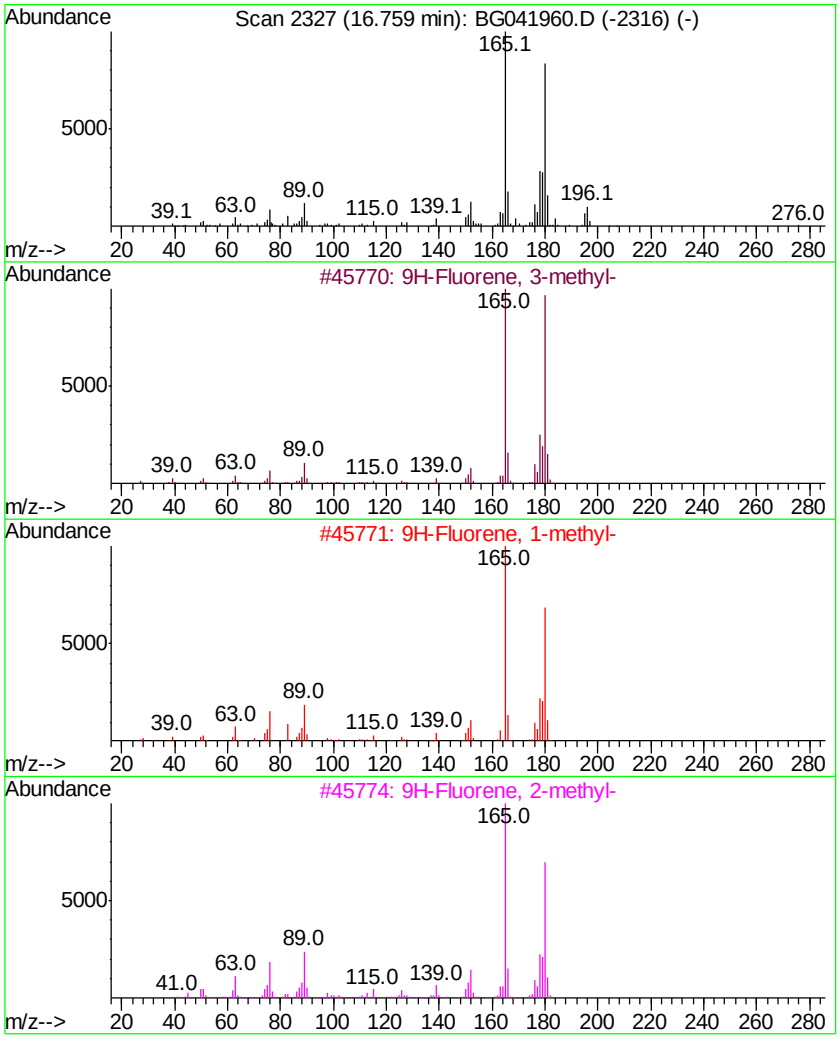
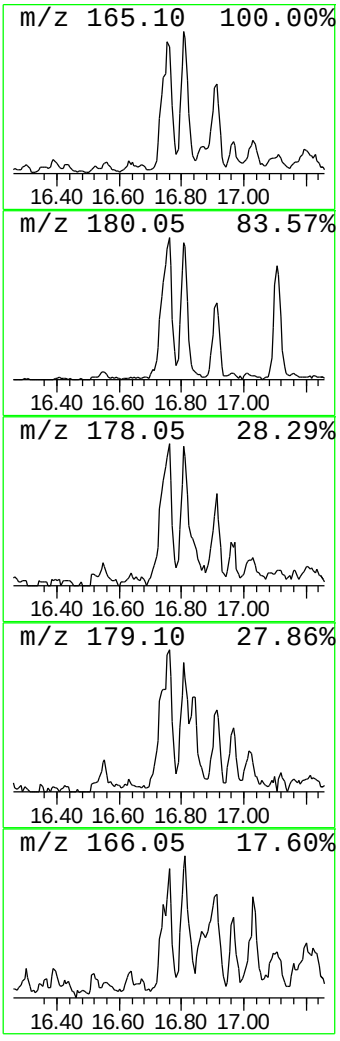
Peak Number 13 9H-Fluorene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	7.74 ng/ul	319289	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93





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Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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

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

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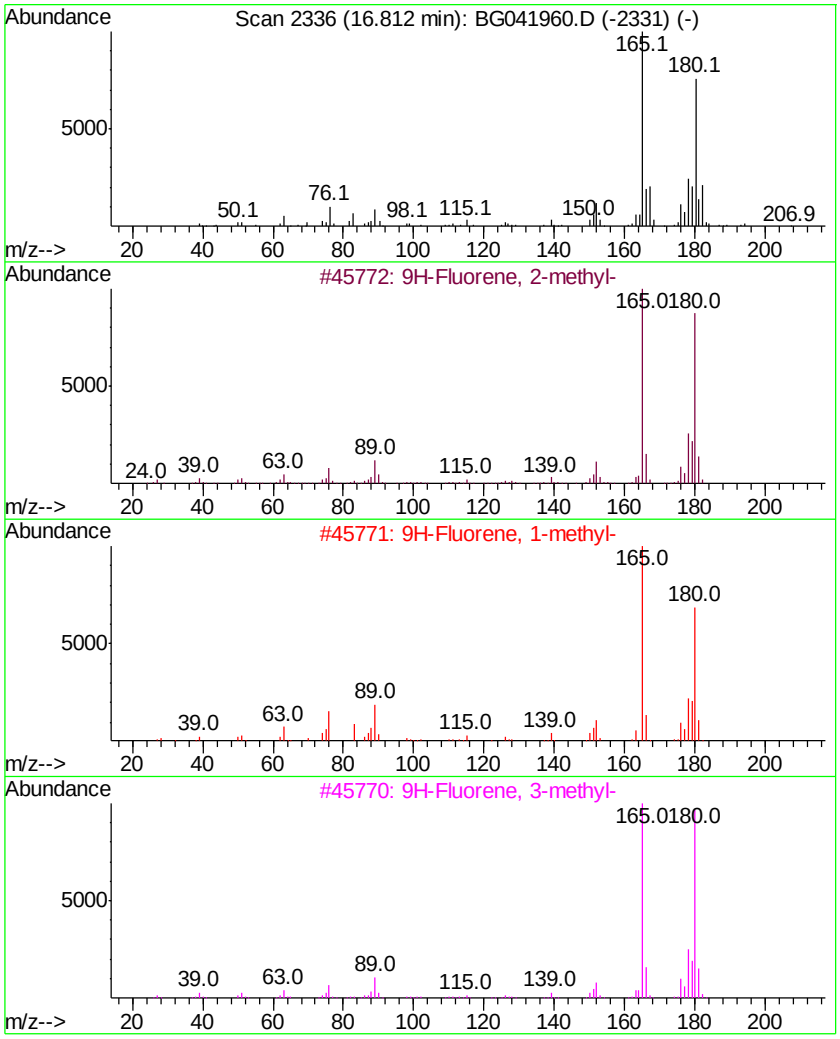
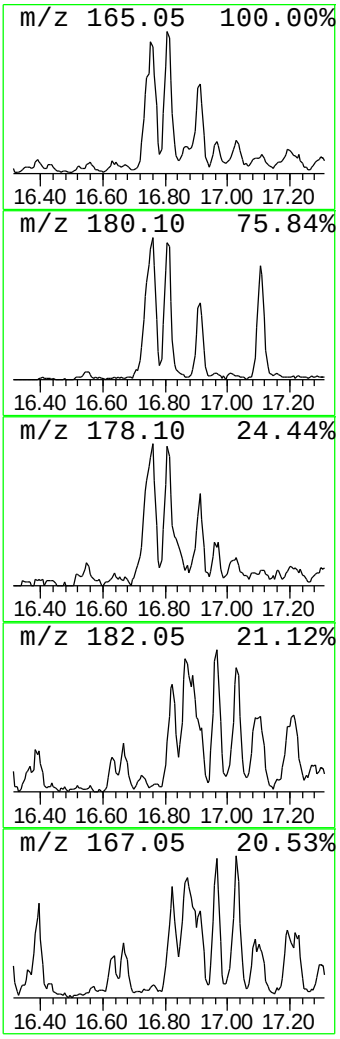
Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	6.02 ng/ul	248465	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91





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Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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Quant Title : SVOA CALIBRATION

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

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Peak Number 15 9H-Fluorene, 1-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	3.46 ng/ul	142861	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	74
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	74
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	72
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	68
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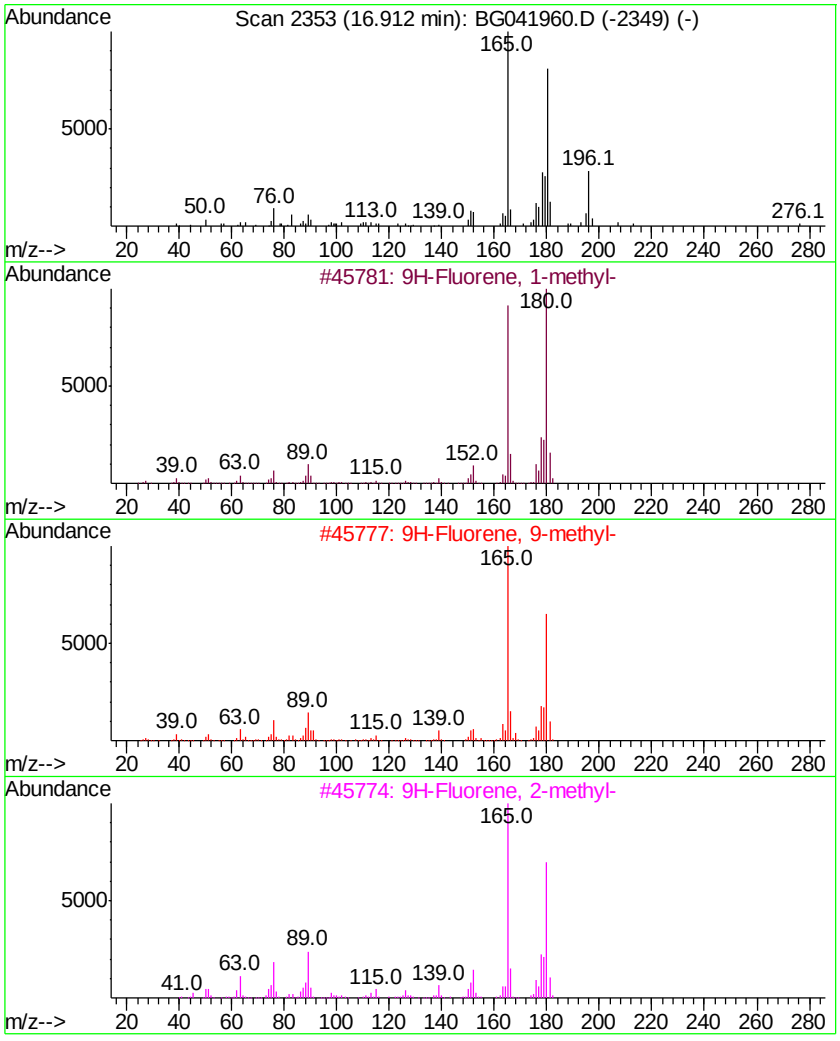

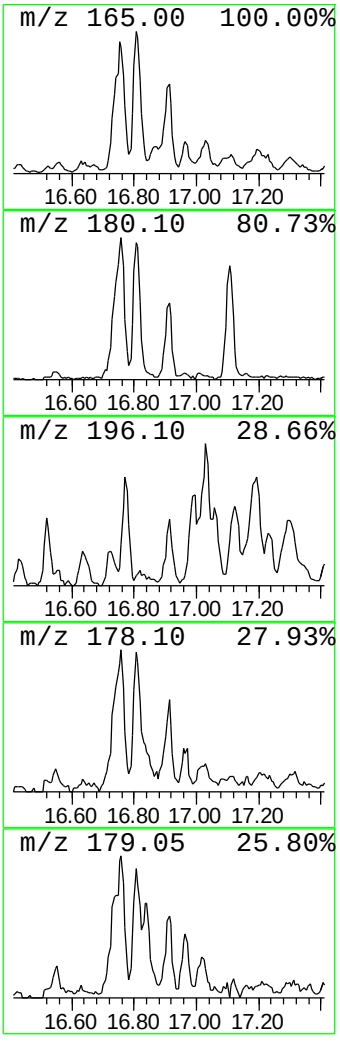

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Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

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ClientSampleId : BENP1DL2

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Quant Title : SVOA CALIBRATION

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

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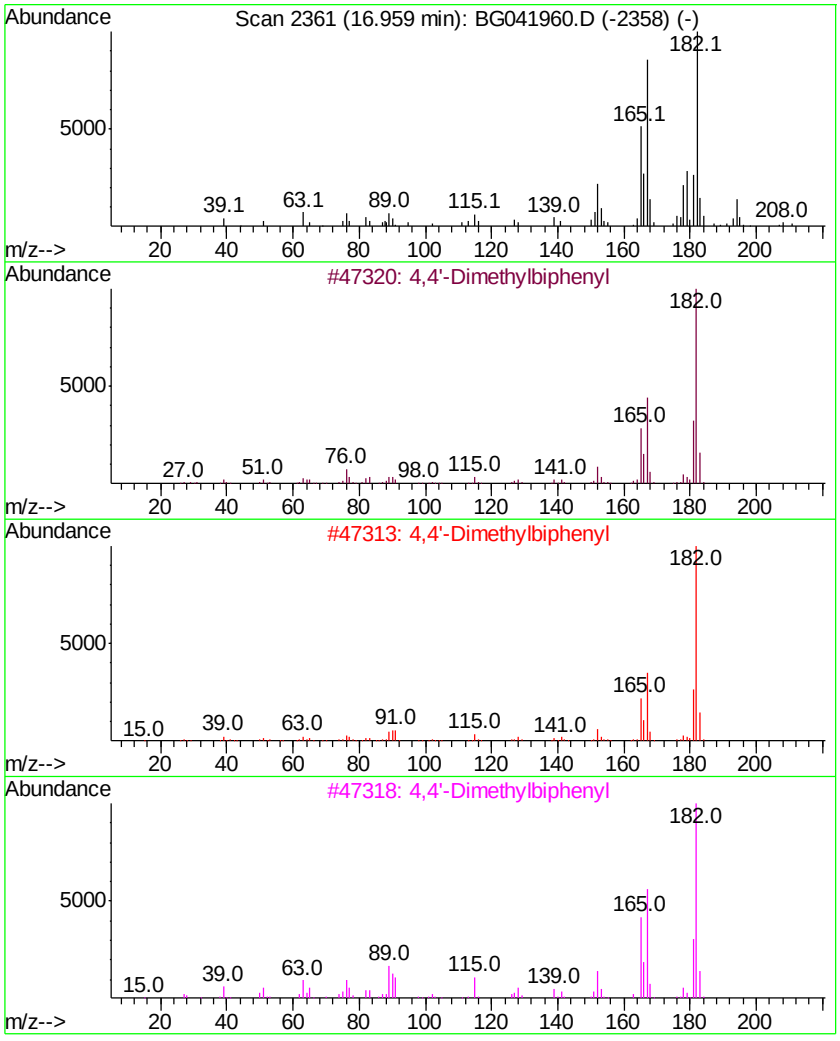
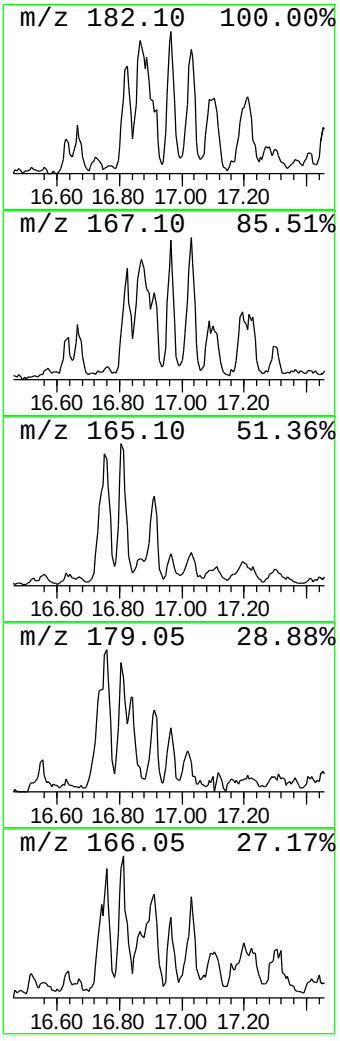
Peak Number 16 4,4'-Dimethylbiphenyl Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	3.16 ng/ul	130359	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	95
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	93
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
4	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	91
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	86





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Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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Quant Title : SVOA CALIBRATION

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

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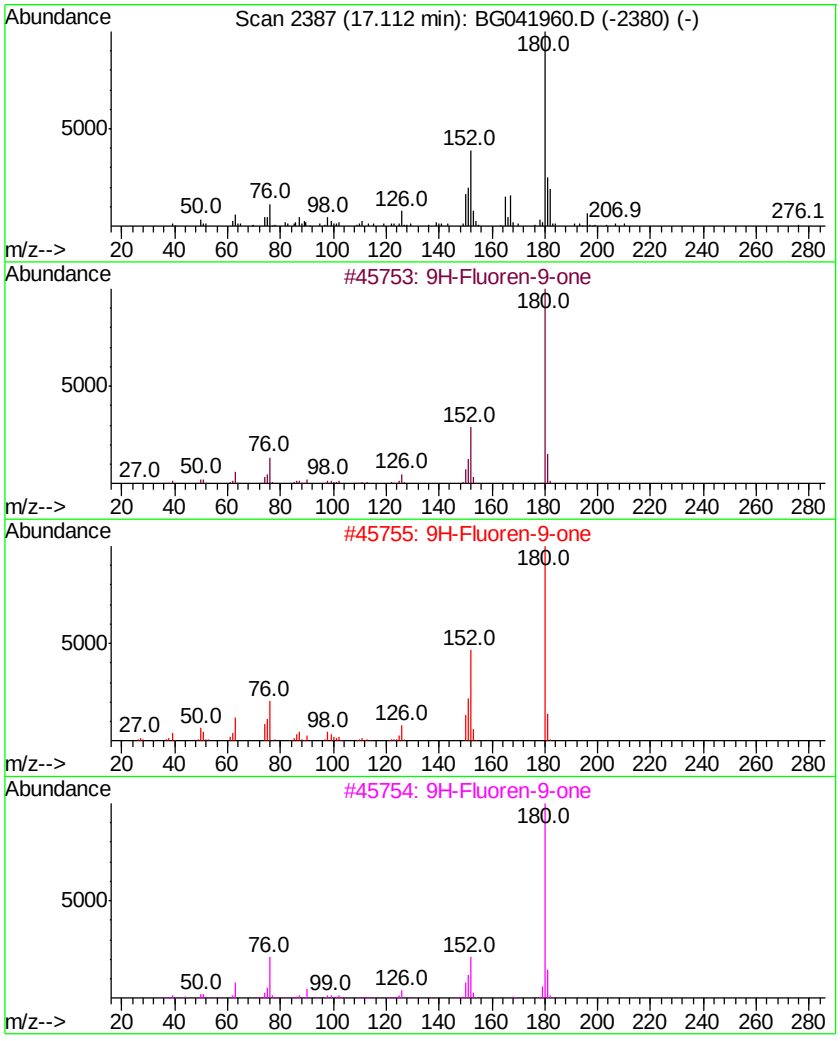
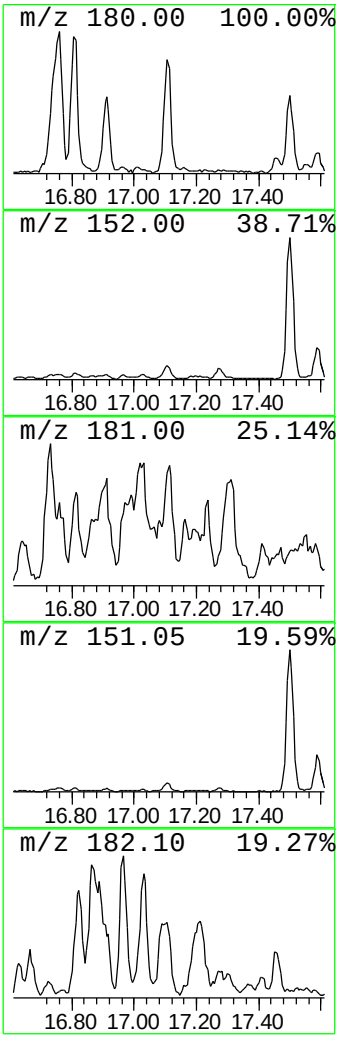
Peak Number 18 9H-Fluoren-9-one Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	3.53 ng/ul	145617	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64





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Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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Quant Title : SVOA CALIBRATION

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

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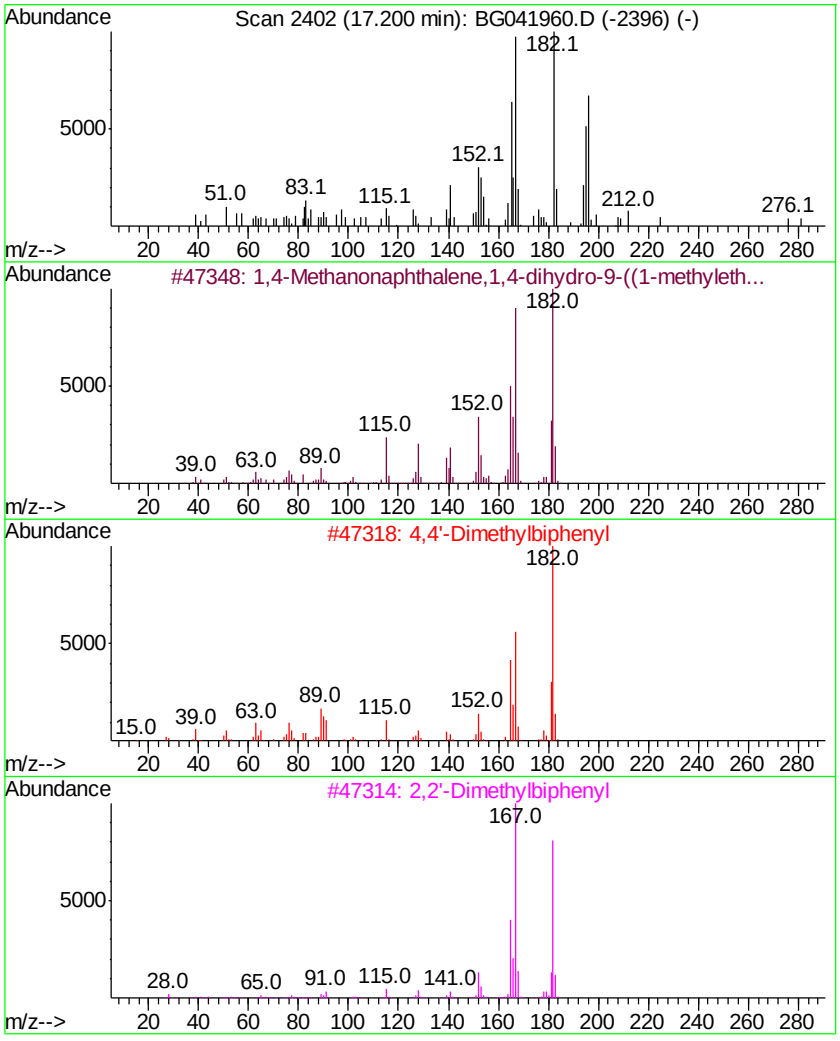
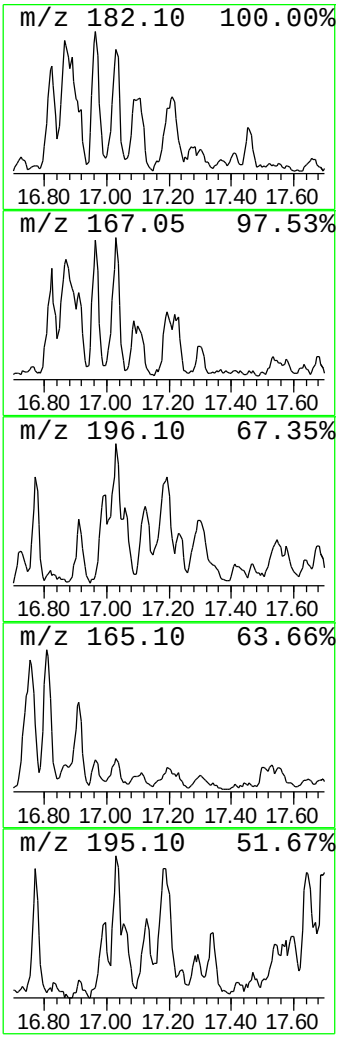
Peak Number 19 1,4-Methanonaphthalene,1,4-... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	3.35 ng/ul	138366	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	83
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	64
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	58
5	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	50





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Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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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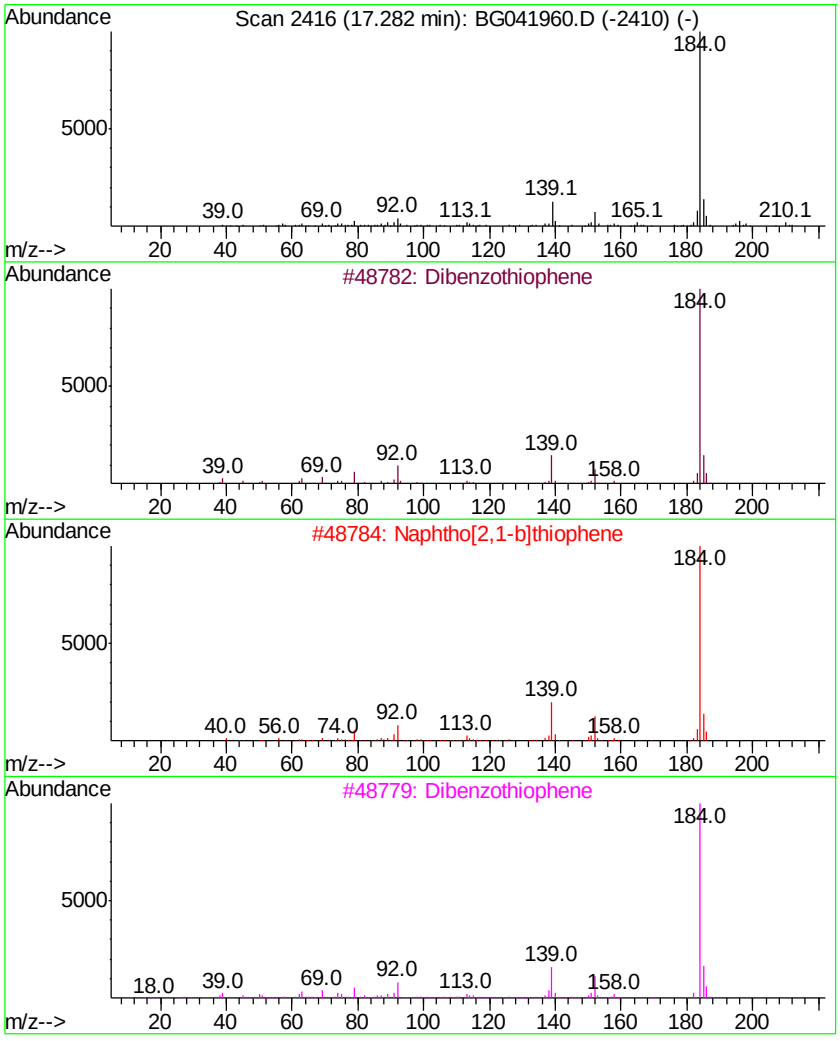
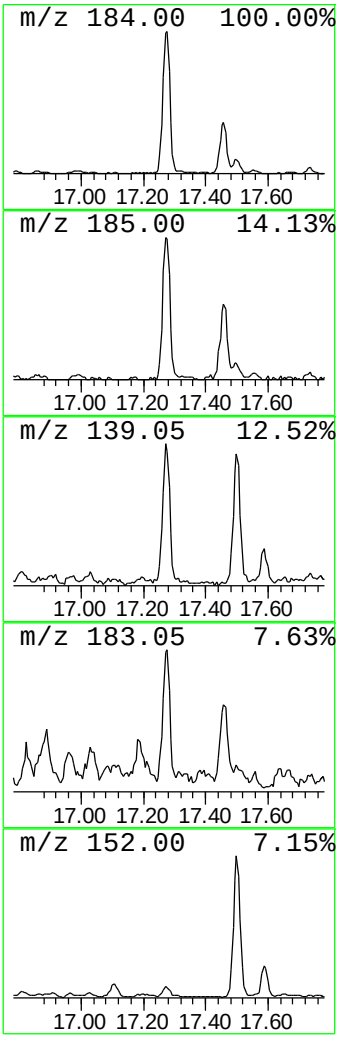
Peak Number 20 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	7.44 ng/ul	307008	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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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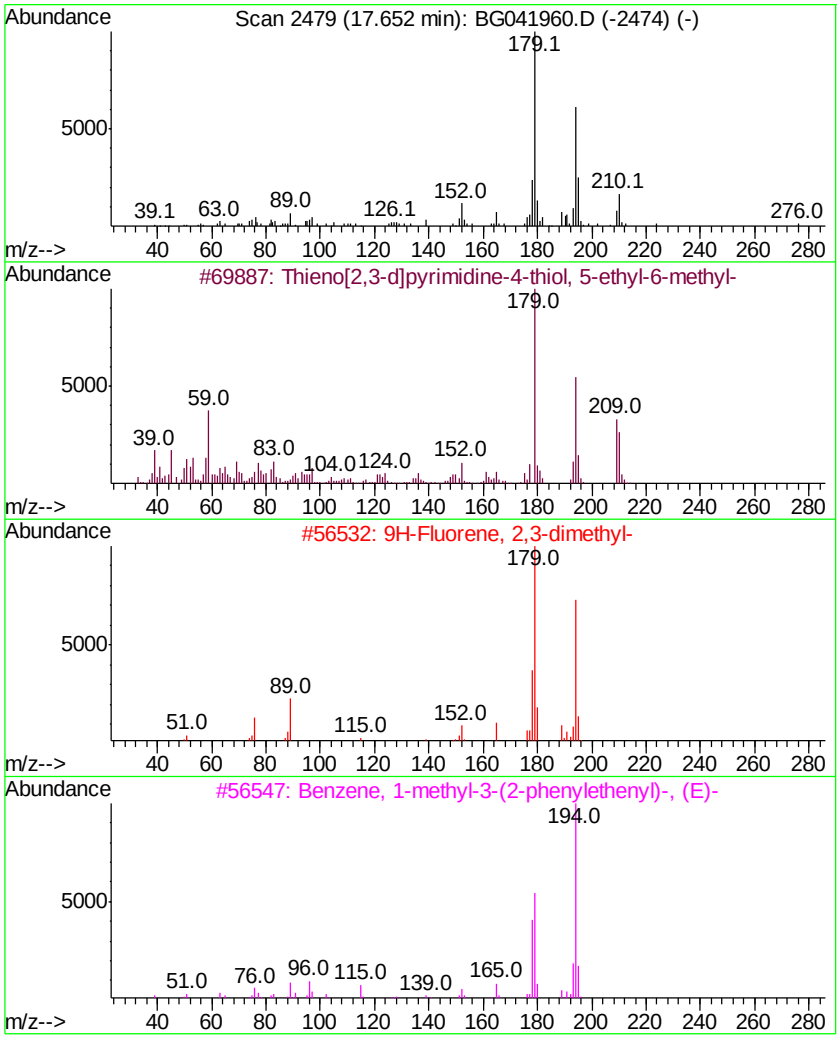
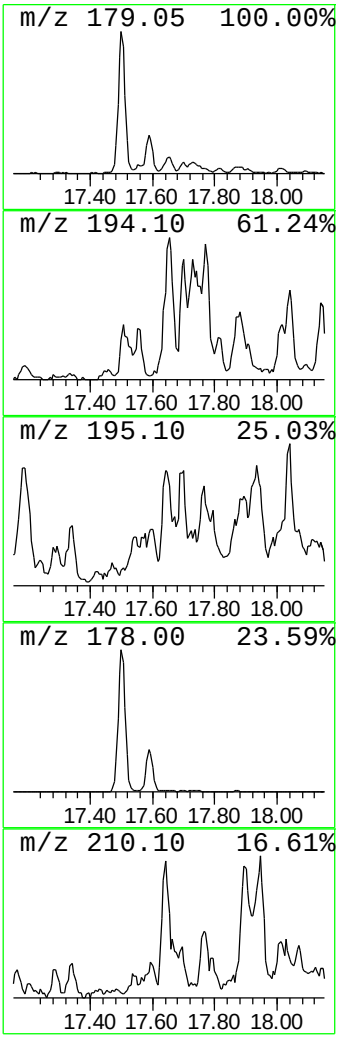
Peak Number 21 Thieno[2,3-d]pyrimidine-4-t... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	2.79 ng/ul	115286	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thieno[2,3-d]pyrimidine-4-thiol,...	210	C9H10N2S2	1000303-48-8	72
2	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	64
3	Benzene, 1-methyl-3-(2-phenyleth...	194	C15H14	014064-48-3	58
4	Benzo[g]quinoline	179	C13H9N	000260-36-6	55
5	Acridine	179	C13H9N	000260-94-6	55





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Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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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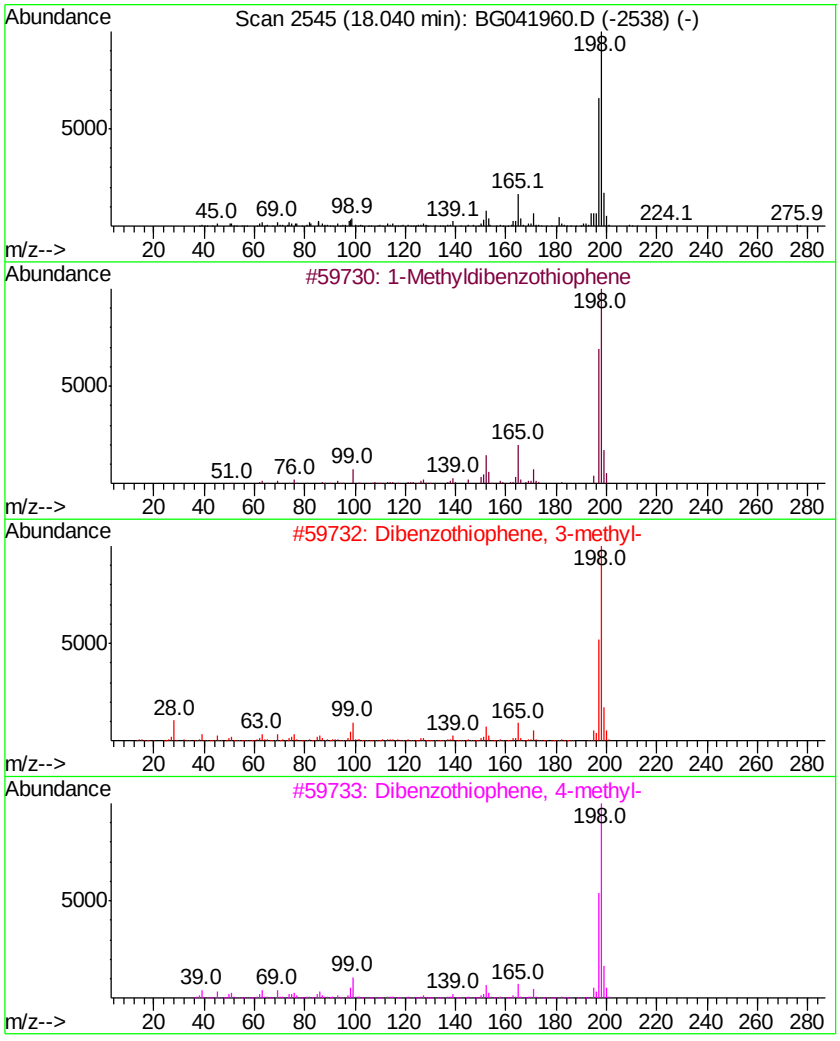
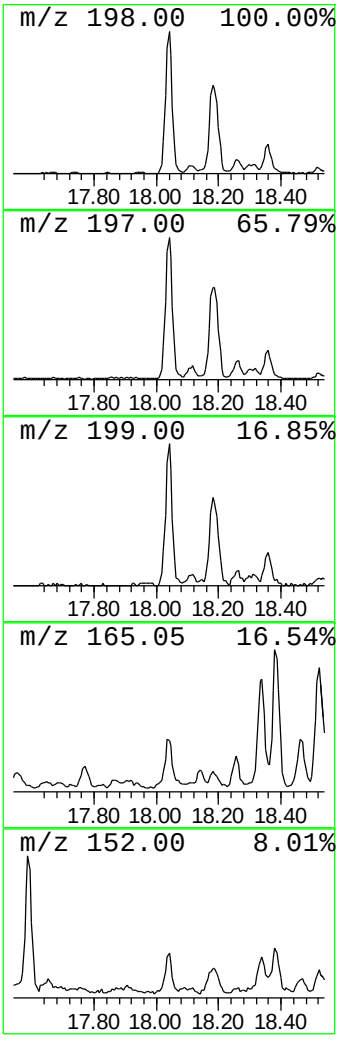
Peak Number 22 1-Methyldibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	9.07 ng/ul	374376	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	87
5	Tacrine	198	C13H14N2	000321-64-2	72





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Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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Quant Title : SVOA CALIBRATION

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

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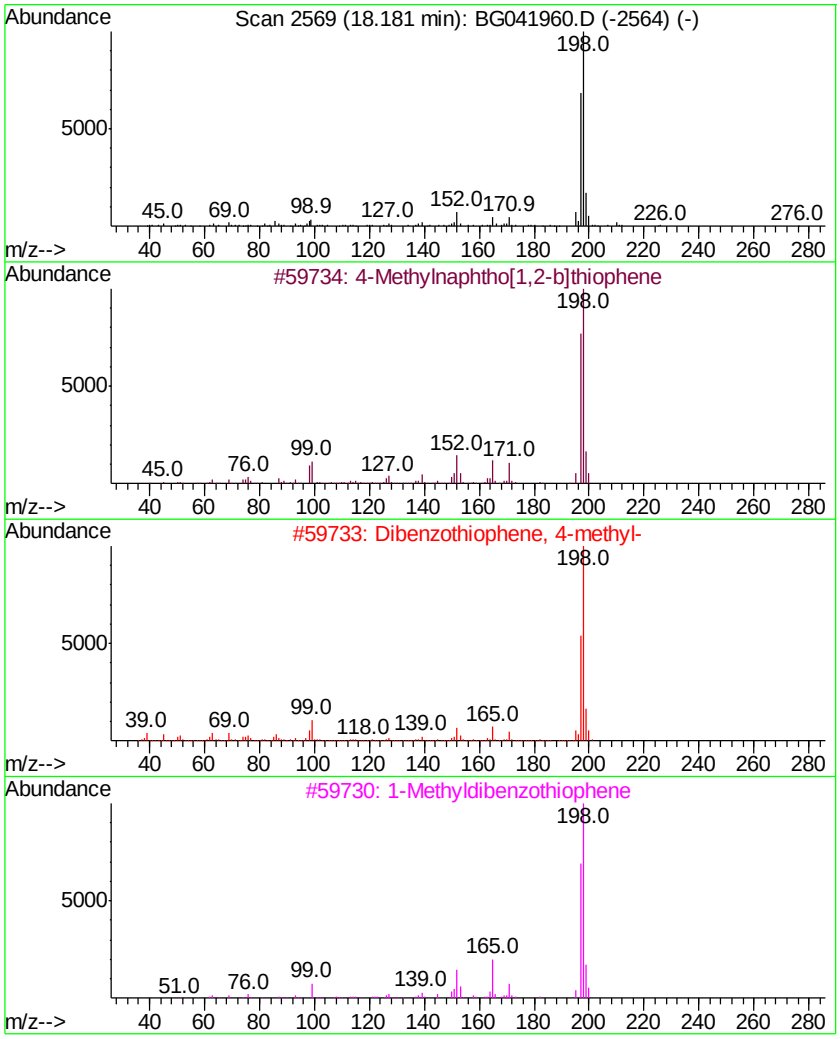
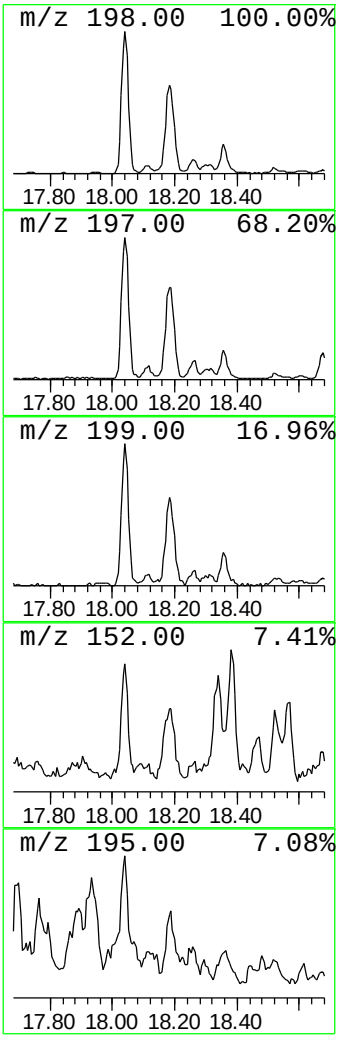
Peak Number 23 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	5.76 ng/ul	237644	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	95
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
5	Tacrine	198	C13H14N2	000321-64-2	80





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Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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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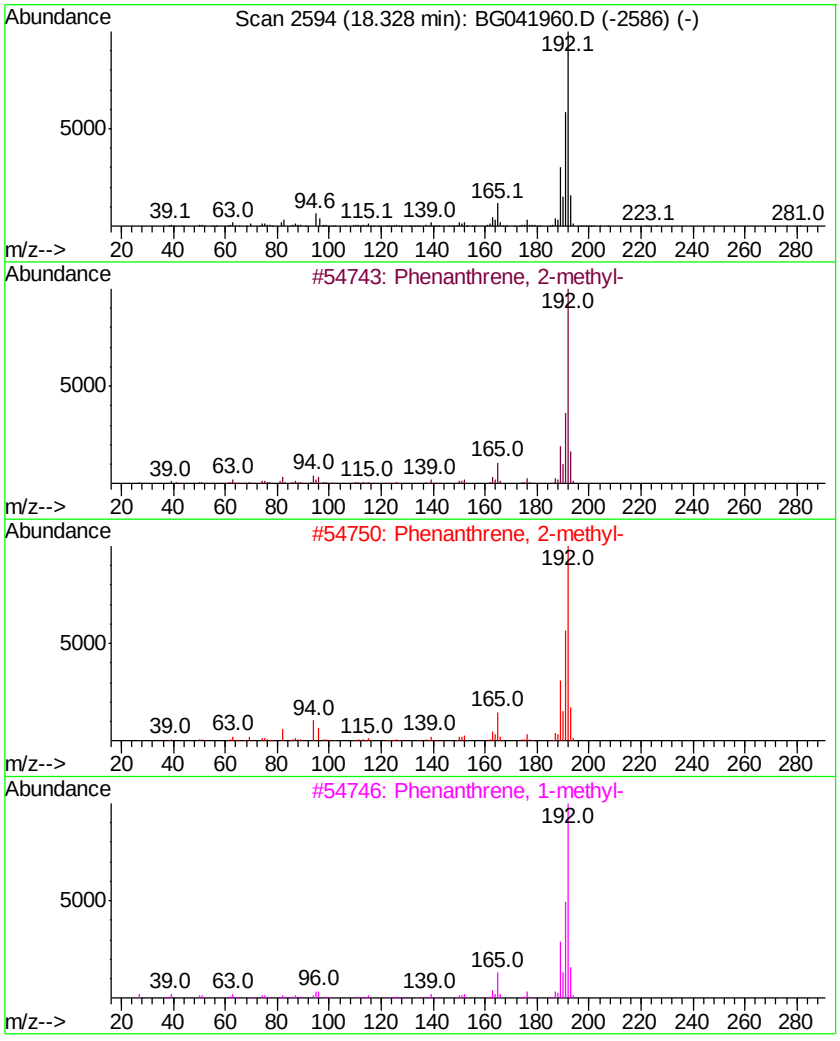
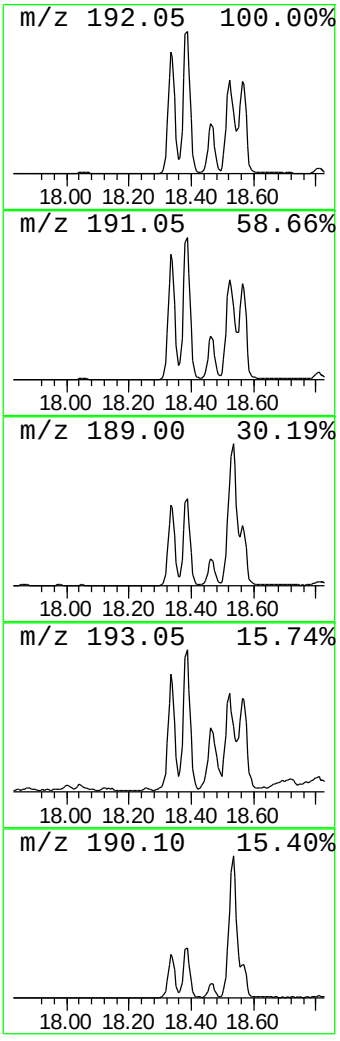
Peak Number 24 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	28.62 ng/ul	1181180	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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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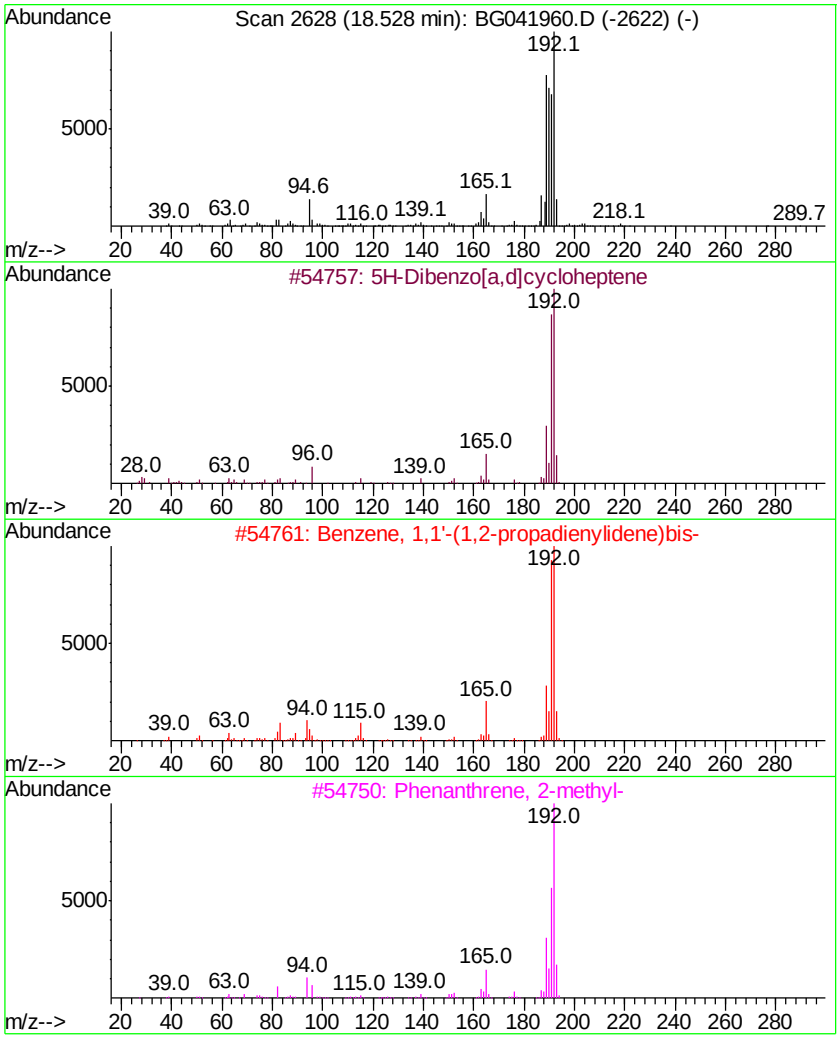
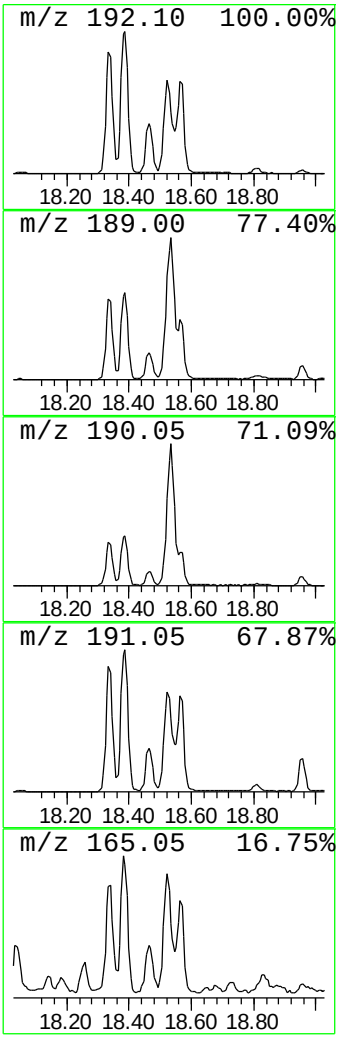
Peak Number 27 5H-Dibenzo[a,d]cycloheptene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	39.03 ng/ul	1610730	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
2	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	46
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	45
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	45





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Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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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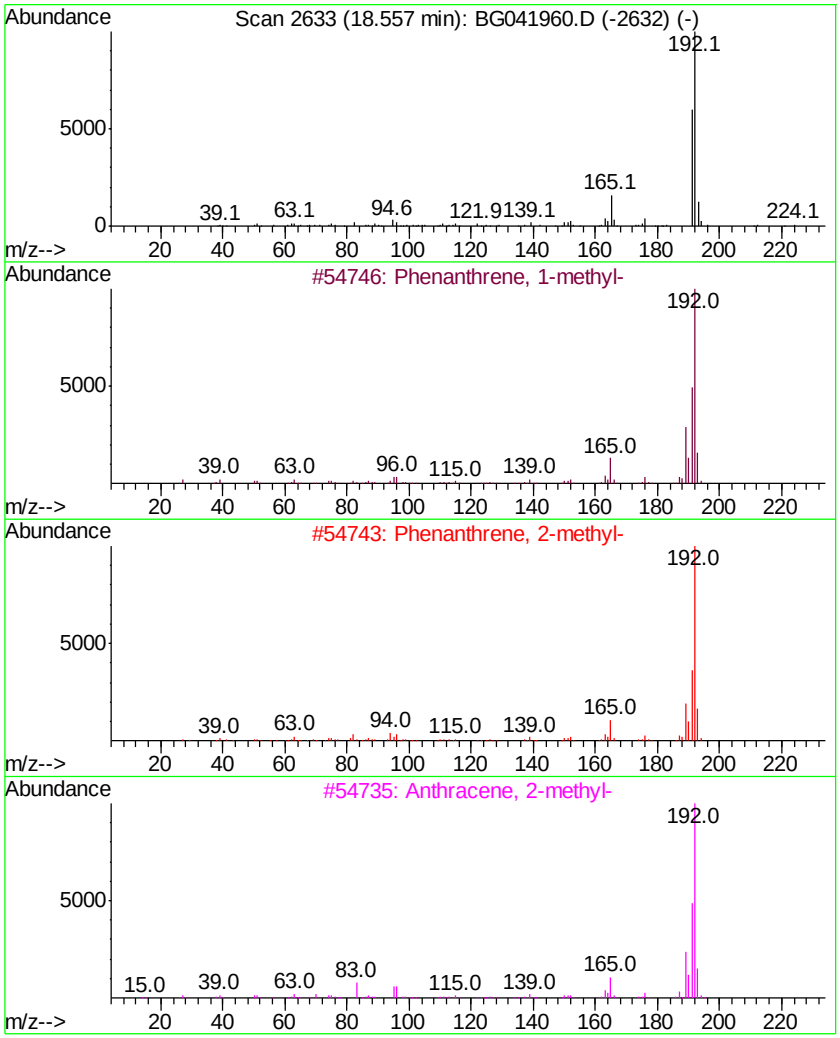
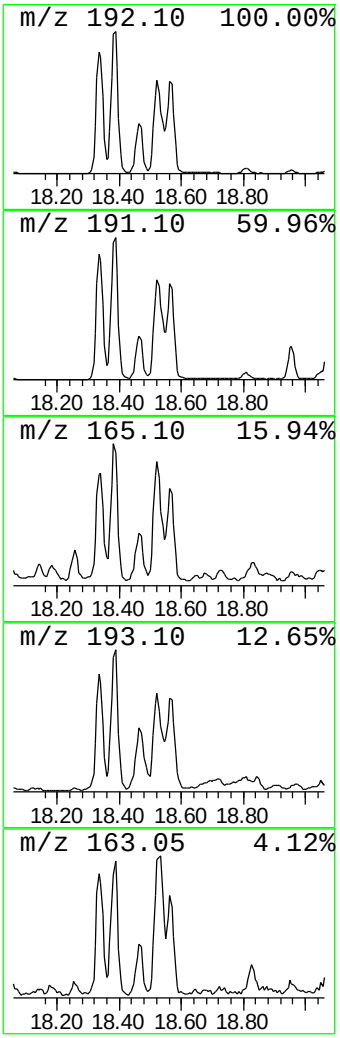
Peak Number 28 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	17.88 ng/ul	737817	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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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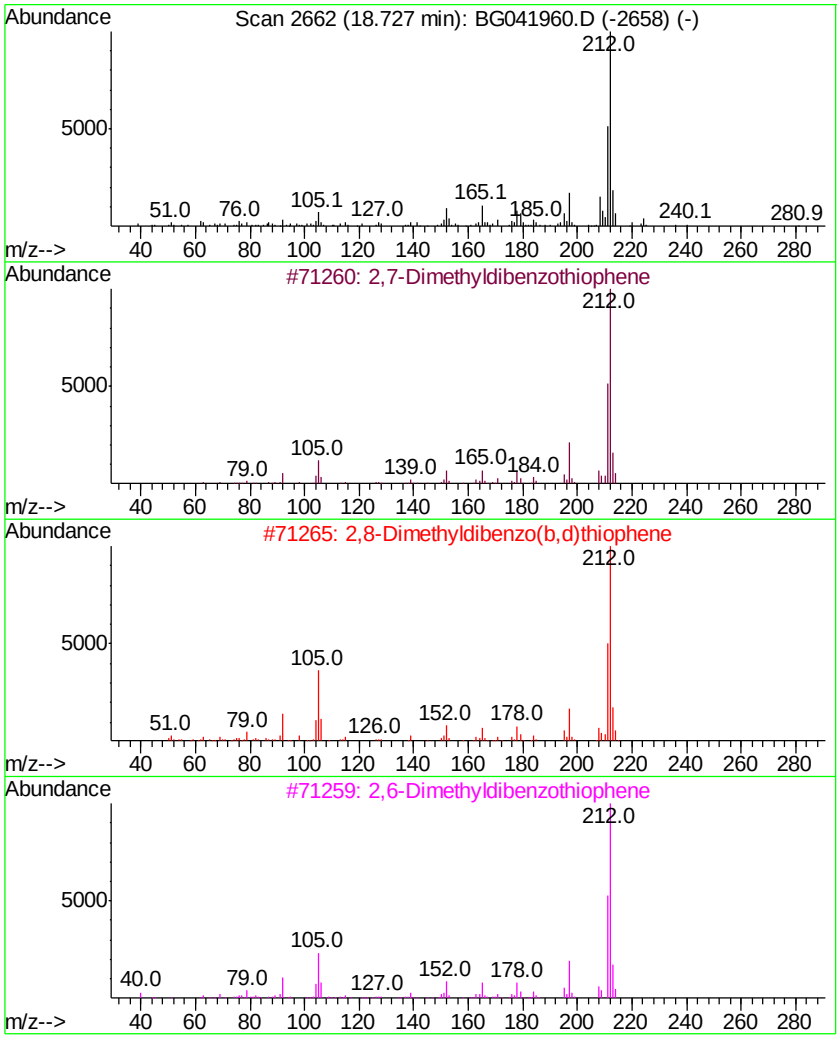
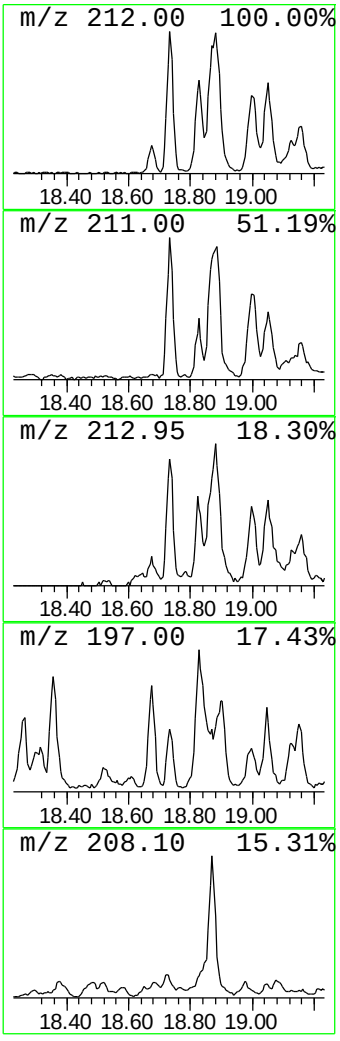
Peak Number 29 2,7-Dimethyldibenzothiophene Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	3.40 ng/ul	140261	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	97
2	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	95
3	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	95
4	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	94
5	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	93





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Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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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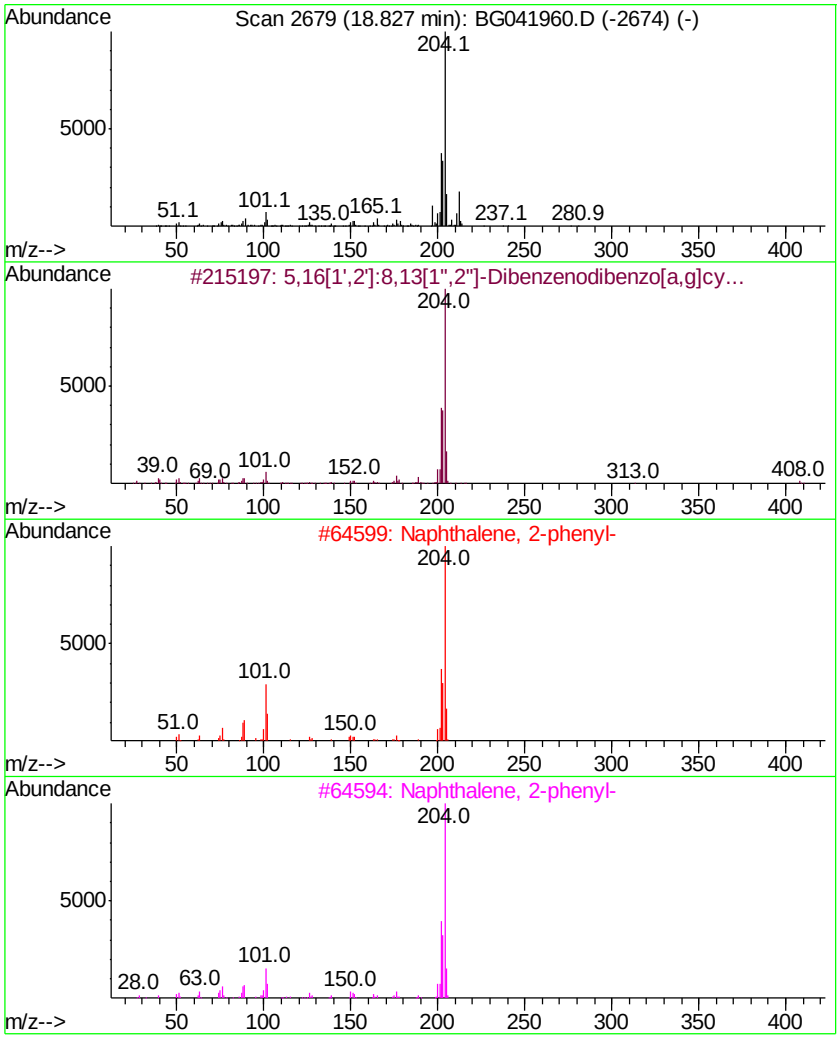
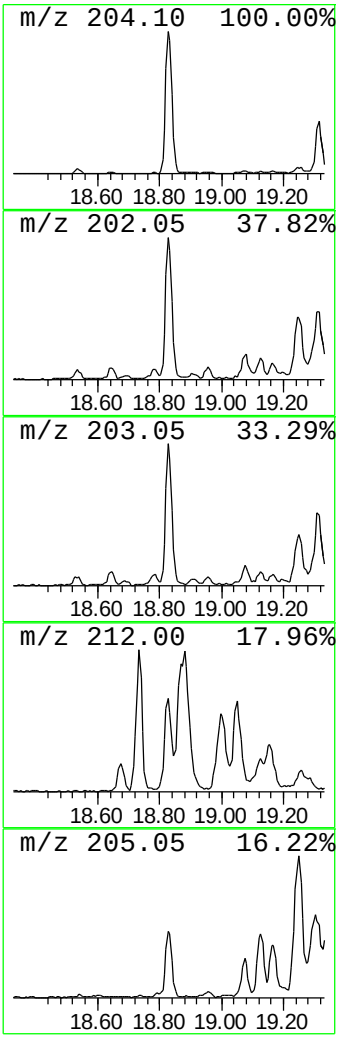
Peak Number 30 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	11.79 ng/ul	486721	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	74
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





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Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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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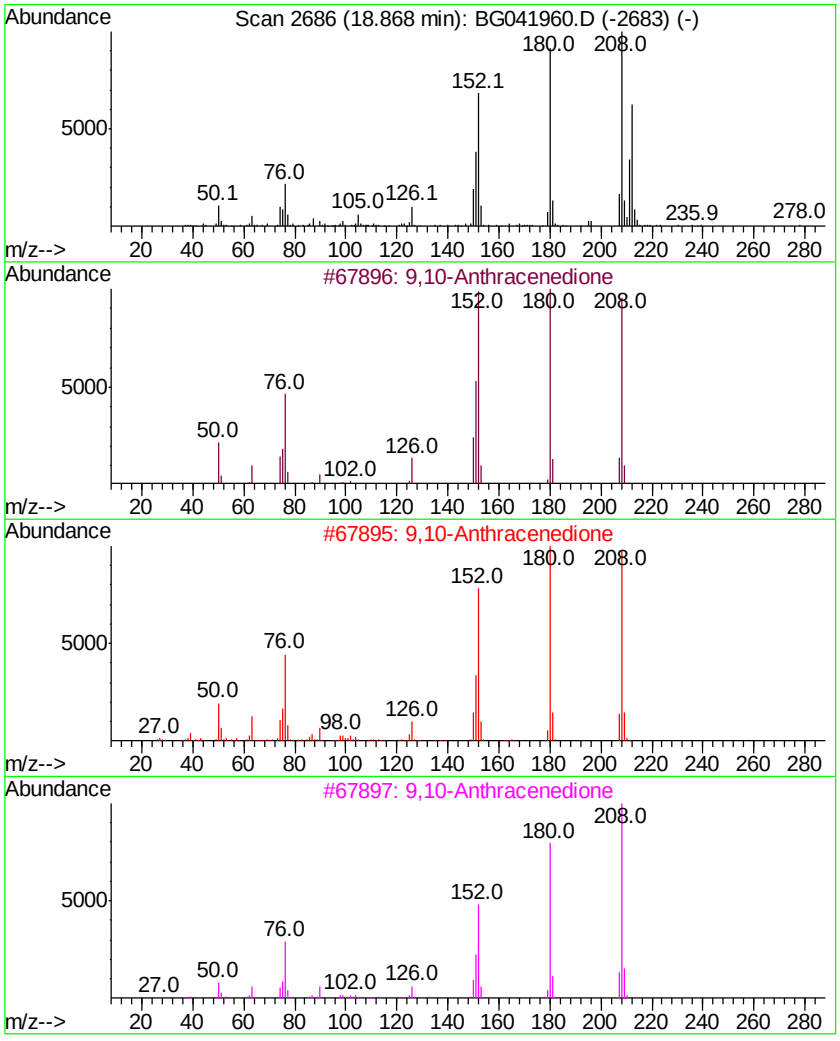
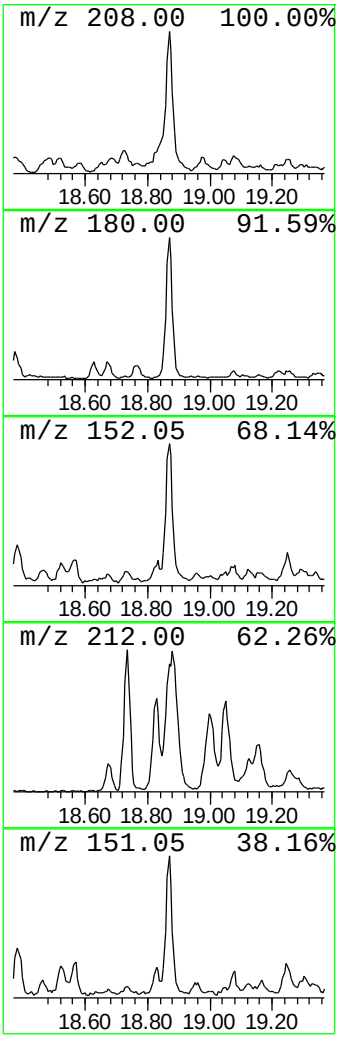
Peak Number 31 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	11.45 ng/ul	472444	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	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	46





Library Search Compound Report

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Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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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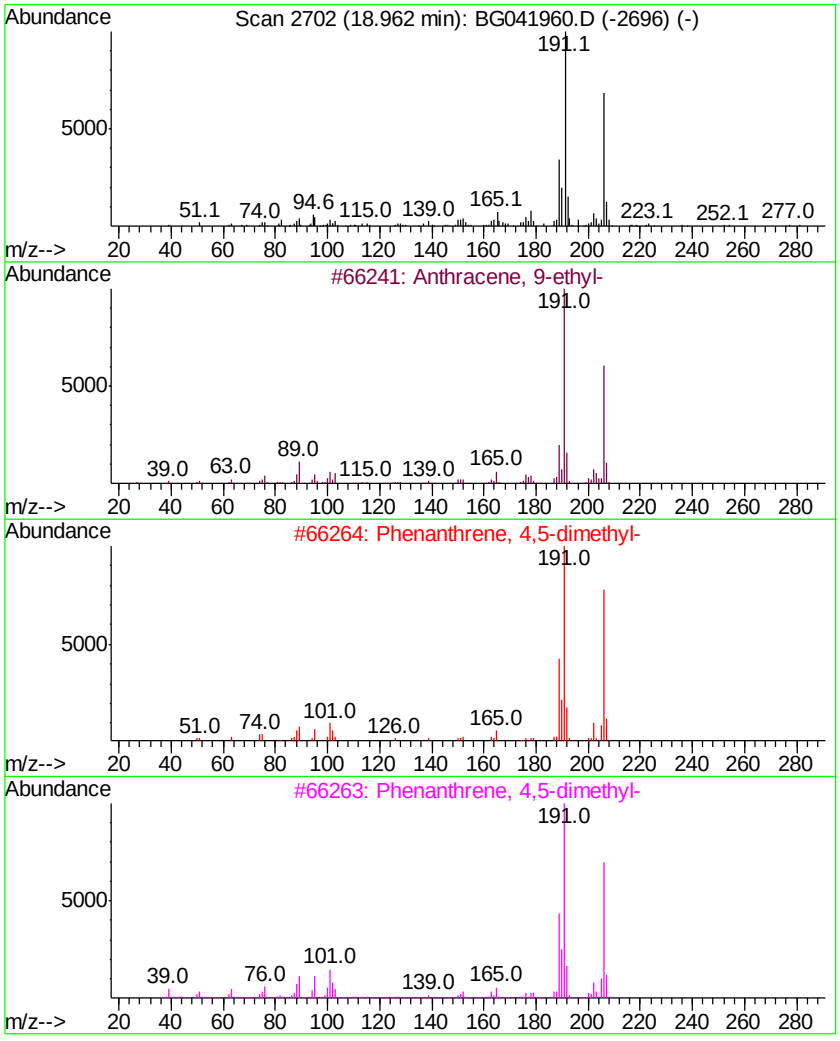
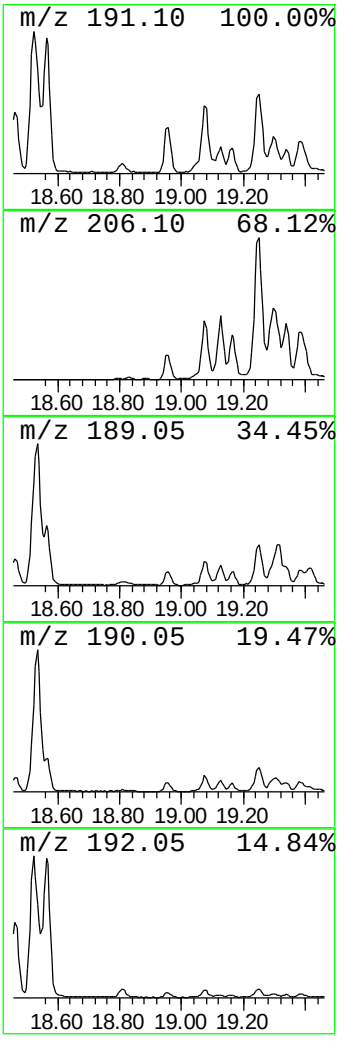
Peak Number 32 Anthracene, 9-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	5.34 ng/ul	220312	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethyl-	206	C16H14	000605-83-4	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90





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Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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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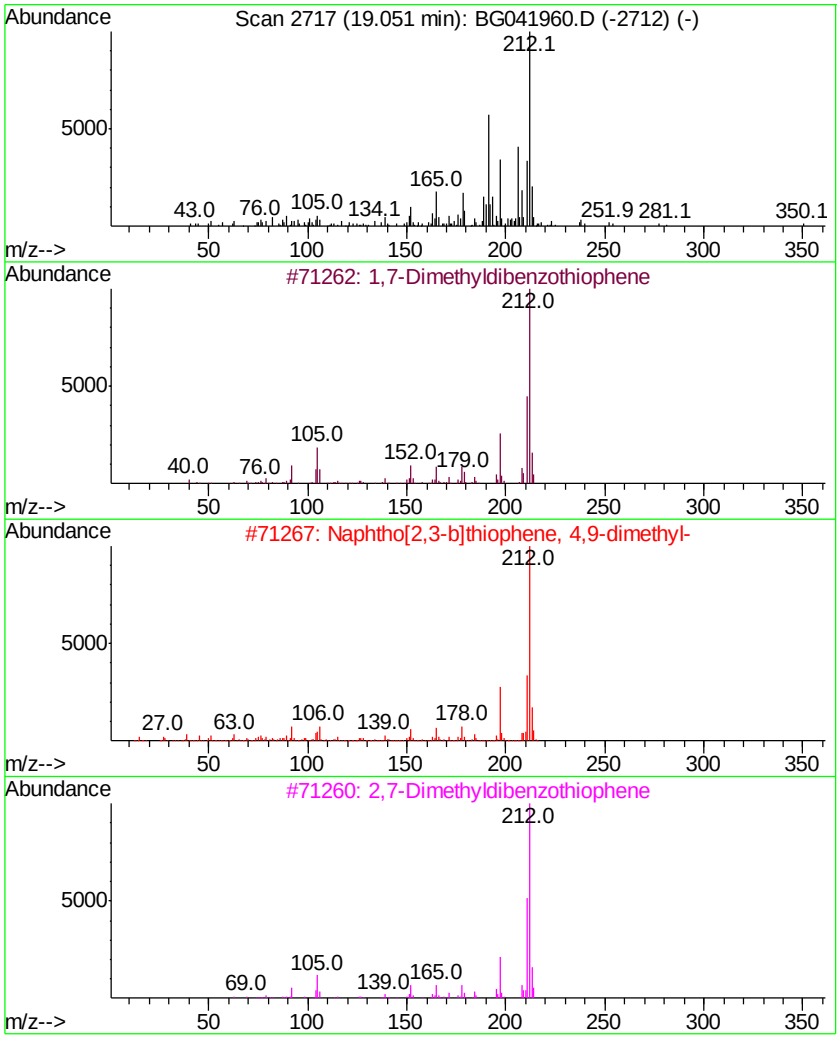
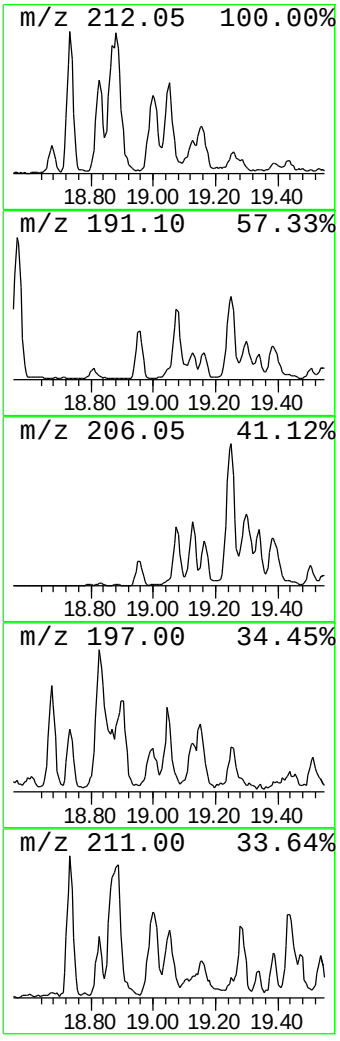
Peak Number 33 1,7-Dimethyldibenzothiophene Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	2.67 ng/ul	110316	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	64
2	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	60
3	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	45
4	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	43
5	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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

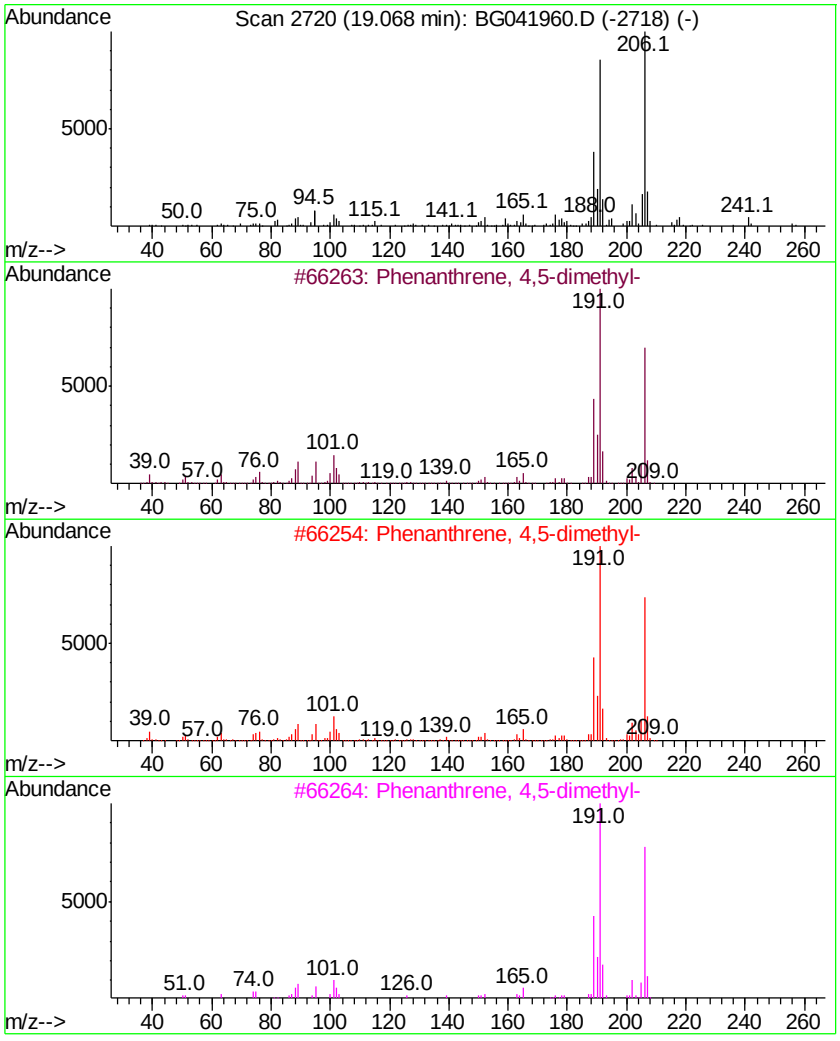
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

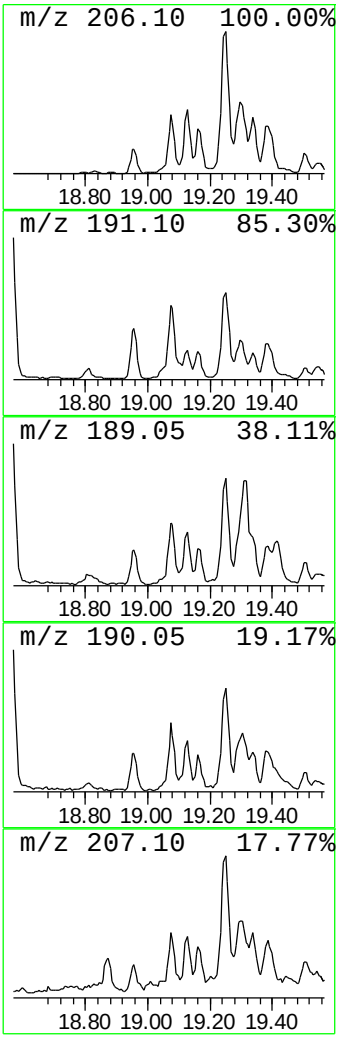
****

Peak Number 34 Phenanthrene, 4,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	10.33 ng/ul	426446	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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

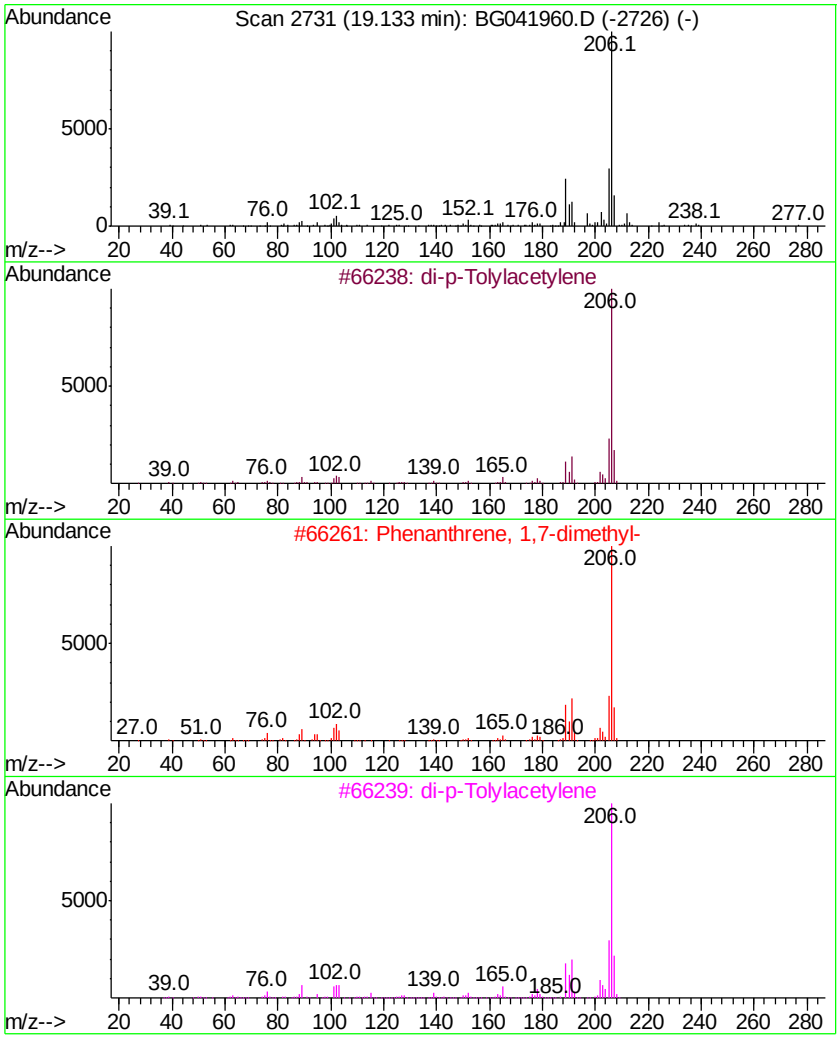
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

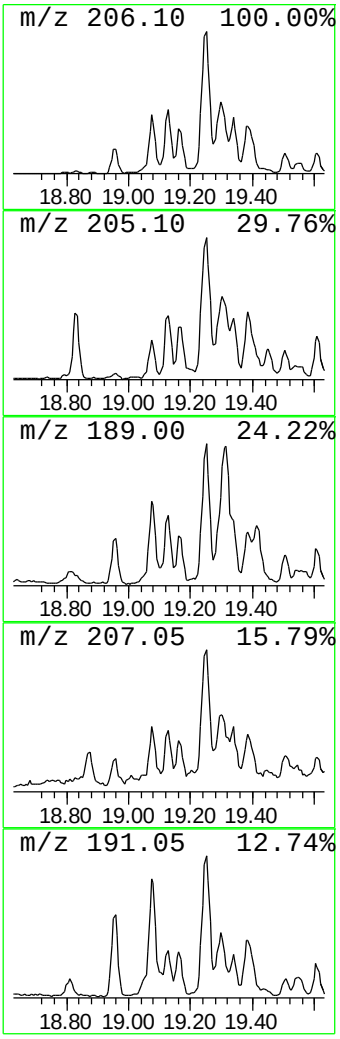
****

Peak Number 35 di-p-Tolylacetylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	7.37 ng/ul	304285	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	74
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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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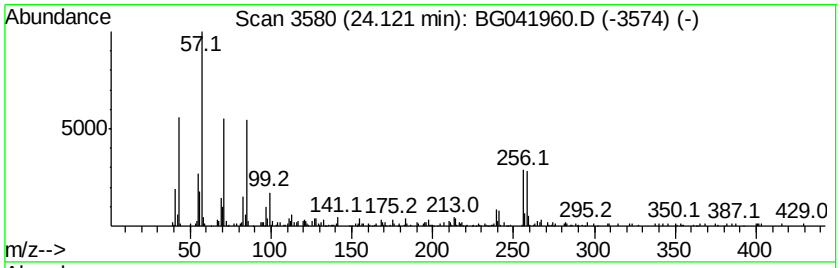
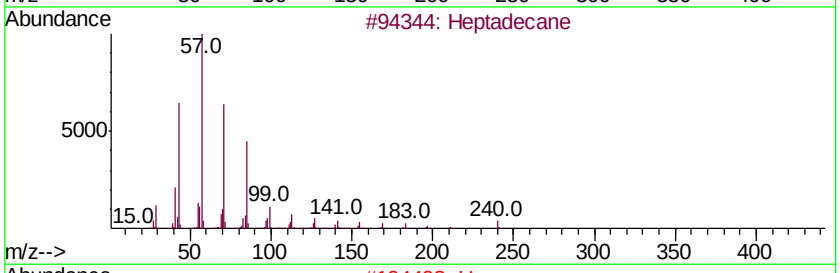
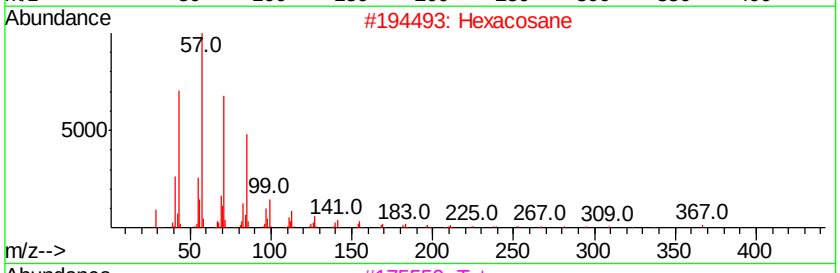
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 16

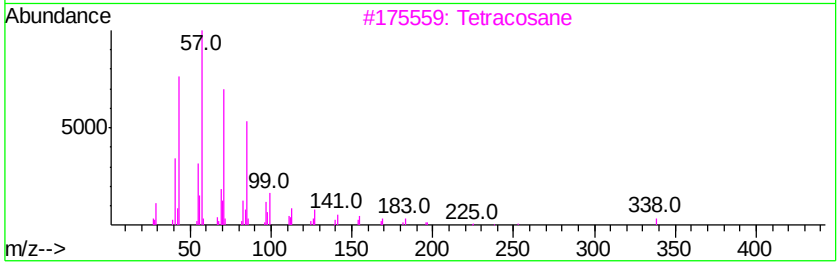
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	7.81 ng/ul	335521	Perylene-d12	25.02

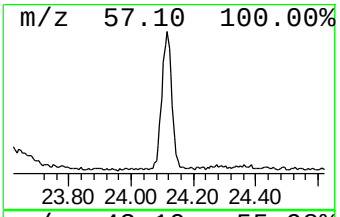
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Hexacosane	366	C26H54	000630-01-3	70
3	Tetracosane	338	C24H50	000646-31-1	64
4	2-methyloctacosane	408	C29H60	1000376-72-8	58
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	58

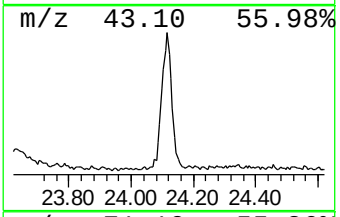


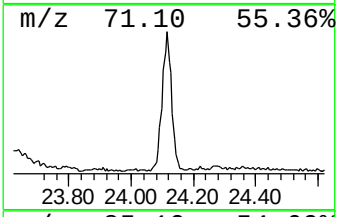


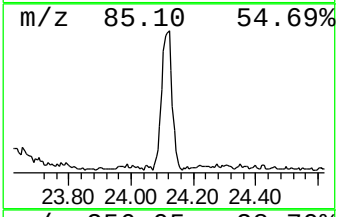


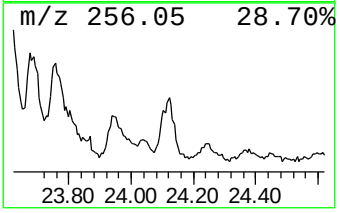












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041960.D
Acq On : 5 Aug 2019 9:37
Operator : HP/JU
Sample : K3850-02DL2 30X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP1DL2

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...	12.76	10.0	ng/ul	234553	2	10.88	469284	20.0
Naphthalene, 1-et...	13.74	4.8	ng/ul	175035	3	14.71	722587	20.0
Naphthalene, 1,4-...	13.87	6.3	ng/ul	227655	3	14.71	722587	20.0
Naphthalene, 2,7-...	14.03	7.3	ng/ul	264431	3	14.71	722587	20.0
Naphthalene, 2,6-...	14.09	4.7	ng/ul	168774	3	14.71	722587	20.0
Naphthalene, 2,3-...	14.27	3.6	ng/ul	130680	3	14.71	722587	20.0
Naphthalene, 2,3,...	14.91	5.6	ng/ul	203704	3	14.71	722587	20.0
Benzene, [1-(2,4-...	15.01	4.4	ng/ul	159784	3	14.71	722587	20.0
Naphthalene, 1,4,...	15.50	3.5	ng/ul	125103	3	14.71	722587	20.0
Diphenylmethane	15.92	5.1	ng/ul	185053	3	14.71	722587	20.0
9H-Fluorene, 3-me...	16.76	7.7	ng/ul	319289	4	17.46	825356	20.0
9H-Fluorene, 2-me...	16.81	6.0	ng/ul	248465	4	17.46	825356	20.0
9H-Fluorene, 1-me...	16.91	3.5	ng/ul	142861	4	17.46	825356	20.0
4,4'-Dimethylbiph...	16.96	3.2	ng/ul	130359	4	17.46	825356	20.0
9H-Fluoren-9-one	17.11	3.5	ng/ul	145617	4	17.46	825356	20.0
1,4-Methanonaphth...	17.20	3.4	ng/ul	138366	4	17.46	825356	20.0
Dibenzothiophene	17.28	7.4	ng/ul	307008	4	17.46	825356	20.0
Thieno[2,3-d]pyri...	17.65	2.8	ng/ul	115286	4	17.46	825356	20.0
1-Methyldibenzoth...	18.04	9.1	ng/ul	374376	4	17.46	825356	20.0
4-Methylnaphtho[1...	18.18	5.8	ng/ul	237644	4	17.46	825356	20.0
Phenanthrene, 2-m...	18.33	28.6	ng/ul	1181180	4	17.46	825356	20.0
5H-Dibenzo[a,d]cy...	18.53	39.0	ng/ul	1610730	4	17.46	825356	20.0
Phenanthrene, 1-m...	18.56	17.9	ng/ul	737817	4	17.46	825356	20.0
2,7-Dimethyldiben...	18.73	3.4	ng/ul	140261	4	17.46	825356	20.0
5,16[1',2']:8,13[...	18.83	11.8	ng/ul	486721	4	17.46	825356	20.0
9,10-Anthracenedione	18.87	11.4	ng/ul	472444	4	17.46	825356	20.0
Anthracene, 9-ethyl-	18.96	5.3	ng/ul	220312	4	17.46	825356	20.0
1,7-Dimethyldiben...	19.05	2.7	ng/ul	110316	4	17.46	825356	20.0
Phenanthrene, 4,5...	19.07	10.3	ng/ul	426446	4	17.46	825356	20.0
di-p-Tolylacetylene	19.13	7.4	ng/ul	304285	4	17.46	825356	20.0
(DEL) Alkane: Str...	24.12	7.8	ng/ul	335521	6	25.02	859434	20.0