LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.159	8	12	29	rVB	73678	151916	3.29%	0.303%
2	7.184	691	697	708	rBV2	53082	99401	2.16%	0.199%
3	7.354	719	726	738	rBV	43400	77981	1.69%	0.156%
4	7.566	755	762	776	rBV	58494	111986	2.43%	0.224%
5	8.036	835	842	855	rBV	292465	510657	11.07%	1.020%
6	8.741	956	962	973	rVV2	63826	123704	2.68%	0.247%
7	9.205	1034	1041	1052	rVB	55212	112163	2.43%	0.224%
8	9.934	1159	1165	1173	rBV2	48121	88613	1.92%	0.177%
9	10.480	1250	1258	1269	rBV	74956	150294	3.26%	0.300%
10	10.862	1313	1323	1328	rBV	393229	736097	15.96%	1.470%
11	10.909	1328	1331	1339	rVV	130223	231838	5.03%	0.463%
12	10.991	1339	1345	1358	rVV	64522	134880	2.92%	0.269%
13	12.525	1594	1606	1615	rBV	193324	341918	7.41%	0.683%
14	12.742	1630	1643	1653	rBV	150056	257784	5.59%	0.515%
15	13.530	1770	1777	1784	rBV	33444	54457	1.18%	0.109%
16	13.724	1804	1810	1823	rVB	102252	197577	4.28%	0.395%
17	13.870	1825	1835	1843	rBV3	89410	238560	5.17%	0.477%
18	14.017	1853	1860	1865	rVV	146529	271814	5.89%	0.543%
19	14.094	1865	1873	1879	rVV2	165917	378003	8.20%	0.755%
20	14.252	1893	1900	1904	rBV	83489	138217	3.00%	0.276%
21	14.387	1917	1923	1928	rBV	204715	361807	7.84%	0.723%
22	14.699	1965	1976	1981	rVV	636569	1083624	23.49%	2.165%
23	14.758	1981	1986	1994	rVV	306307	550826	11.94%	1.100%
24	14.904	2003	2011	2021	rBV2	95394	267956	5.81%	0.535%
25	15.004	2021	2028	2033	rVV3	84672	172841	3.75%	0.345%
26	15.092	2037	2043	2050	rVV	102966	189261	4.10%	0.378%
27	15.175	2050	2057	2063	rVV	60324	104249	2.26%	0.208%
28	15.316	2072	2081	2086	rBV	50168	95828	2.08%	0.191%
29	15.369	2086	2090	2095	rVB	58662	81717	1.77%	0.163%
30	15.486	2101	2110	2114	rBV2	56203	132279	2.87%	0.264%
31	15.692	2135	2145	2149	rVV	216961	382158	8.29%	0.763%
32	15.745	2149	2154	2161	rVV	248037	368291	7.98%	0.736%
33	15.839	2166	2170	2173	rVV3	60420	96195	2.09%	0.192%
34	15.874	2173	2176	2179	rVV	88427	116852	2.53%	0.233%

LSC Area Percent Report

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Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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	15.909	2179	2182	2187	rVB2	113956	158839	3.44%	0.317%
36	15.956	2187	2190	2194	rBV	59052	86203	1.87%	0.172%
37	15.997	2194	2197	2200	rBV3	44400	65568	1.42%	0.131%
38	16.191	2226	2230	2237	rVB4	37456	81521	1.77%	0.163%
39	16.262	2237	2242	2245	rBV4	24379	48965	1.06%	0.098%
40	16.420	2260	2269	2275	rVB8	62936	156168	3.39%	0.312%
41	16.749	2315	2325	2330	rBV3	109994	301327	6.53%	0.602%
42	16.802	2330	2334	2340	rVV3	117349	211804	4.59%	0.423%
43	16.855	2340	2343	2345	rVV3	37386	55338	1.20%	0.111%
44	16.902	2348	2351	2356	rVB	85557	121652	2.64%	0.243%
45	16.961	2356	2361	2364	rBV2	59919	106890	2.32%	0.214%
46	17.020	2367	2371	2376	rVV2	63087	109730	2.38%	0.219%
47	17.102	2379	2385	2391	rVB3	93856	163240	3.54%	0.326%
48	17.266	2408	2413	2430	rVB	221317	394506	8.55%	0.788%
49	17.449	2438	2444	2447	rBV2	717097	1107161	24.00%	2.212%
50	17.496	2447	2452	2457	rVV	2137512	3375469	73.18%	6.743%
51	17.548	2457	2461	2463	rVV2	289322	422169	9.15%	0.843%
52	17.584	2463	2467	2472	rVV	500404	767738	16.64%	1.534%
53	17.637	2472	2476	2481	rVV5	61088	129256	2.80%	0.258%
54	17.760	2495	2497	2502	rVB2	47793	61091	1.32%	0.122%
55	17.854	2509	2513	2518	rBV4	53126	102530	2.22%	0.205%
56	17.971	2530	2533	2536	rVB	61115	66804	1.45%	0.133%
57	18.030	2538	2543	2549	rVB	233165	357621	7.75%	0.714%
58	18.177	2563	2568	2576	rVB	128666	246527	5.34%	0.492%
59	18.248	2576	2580	2585	rBV3	64679	109921	2.38%	0.220%
60	18.330	2588	2594	2598	rVV	781306	1164813	25.25%	2.327%
61	18.377	2598	2602	2608	rVB	905891	1318048	28.58%	2.633%
62	18.459	2610	2616	2621	rBV	271639	447803	9.71%	0.895%
63	18.518	2621	2626	2631	rVV2	747353	1590631	34.49%	3.177%
64	18.559	2631	2633	2640	rVB	538198	678296	14.71%	1.355%
65	18.729	2657	2662	2666	rBV	90184	133155	2.89%	0.266%
66	18.823	2673	2678	2682	rBV	340874	506900	10.99%	1.013%
67	18.865	2682	2685	2695	rVB2	272023	498376	10.80%	0.996%
68	18.947	2695	2699	2704	rBV	133329	206297	4.47%	0.412%
69	19.070	2717	2720	2724	rVB	238950	278913	6.05%	0.557%
70	19.123	2725	2729	2732	rBV	150630	178472	3.87%	0.357%
71	19.158	2732	2735	2740	rVB2	154638	209130	4.53%	0.418%

LSC Area Percent Report

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Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	19.246	2744	2750	2754	rBV	493363	856120	18.56%	1.710%
73	19.305	2754	2760	2763	rBV3	174185	322337	6.99%	0.644%
74	19.382	2768	2773	2781	rBV2	253237	570766	12.37%	1.140%
75	19.505	2789	2794	2800	rBV	1648189	2322197	50.35%	4.639%
76	19.570	2802	2805	2807	rVV2	99546	123614	2.68%	0.247%
77	19.599	2808	2810	2815	rVB	127632	154525	3.35%	0.309%
78	19.699	2824	2827	2831	rVB2	120455	157072	3.41%	0.314%
79	19.746	2831	2835	2838	rBV2	156846	232539	5.04%	0.465%
80	19.869	2846	2856	2864	rBV	2274380	4612464	100.00%	9.214%
81	19.940	2864	2868	2874	rVB2	195163	344237	7.46%	0.688%
82	20.198	2905	2912	2921	rBV	321349	795481	17.25%	1.589%
83	20.357	2930	2939	2944	rVB	525625	1077870	23.37%	2.153%
84	20.457	2952	2956	2961	rVB	339783	453369	9.83%	0.906%
85	20.516	2961	2966	2970	rBV	536072	797812	17.30%	1.594%
86	20.557	2970	2973	2977	rVB	157383	204738	4.44%	0.409%
87	20.657	2986	2990	2994	rBV	396217	540759	11.72%	1.080%
88	20.704	2994	2998	3001	rVB	360341	485909	10.53%	0.971%
89	21.127	3066	3070	3076	rVB	241057	439165	9.52%	0.877%
90	21.315	3099	3102	3105	rVB	245340	308902	6.70%	0.617%
91	21.356	3105	3109	3113	rVB	237511	329469	7.14%	0.658%
92	21.726	3165	3172	3178	rBV3	1358234	3525845	76.44%	7.043%
93	21.785	3178	3182	3190	rVB	1131354	1970503	42.72%	3.936%
94	21.937	3205	3208	3214	rBV	168220	271708	5.89%	0.543%
95	22.484	3297	3301	3307	rVB	332075	575667	12.48%	1.150%
96	22.554	3309	3313	3320	rVB	273731	487069	10.56%	0.973%
97	23.982	3550	3556	3564	rBV2	323188	1048177	22.72%	2.094%
98	24.717	3676	3681	3689	rVB	249884	557370	12.08%	1.113%
99	24.863	3700	3706	3719	rVB	458784	1297433	28.13%	2.592%
100	25.022	3727	3733	3740	rVB	336743	765924	16.61%	1.530%

Sum of corrected areas: 50059657

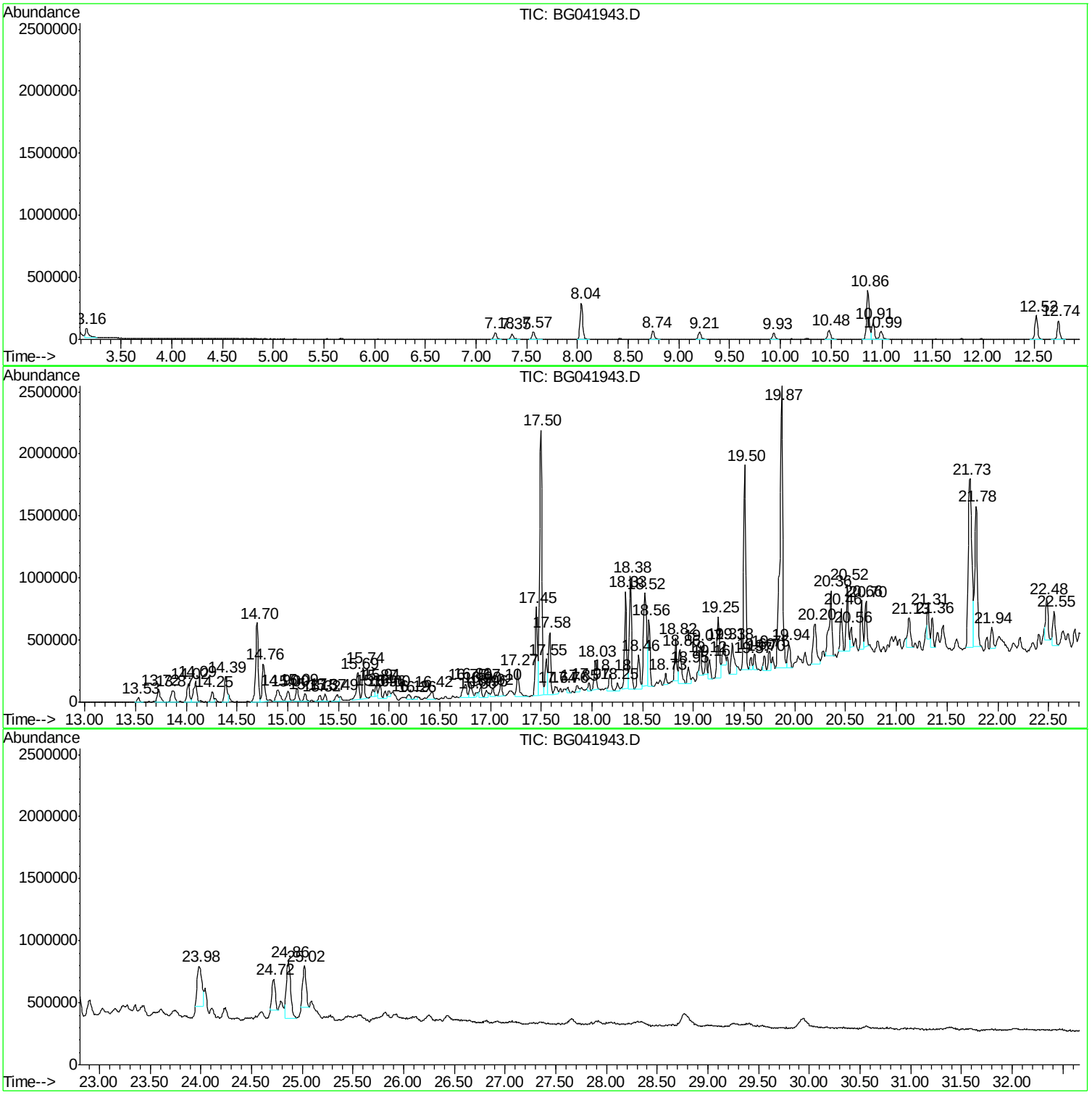
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ1DL

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 : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

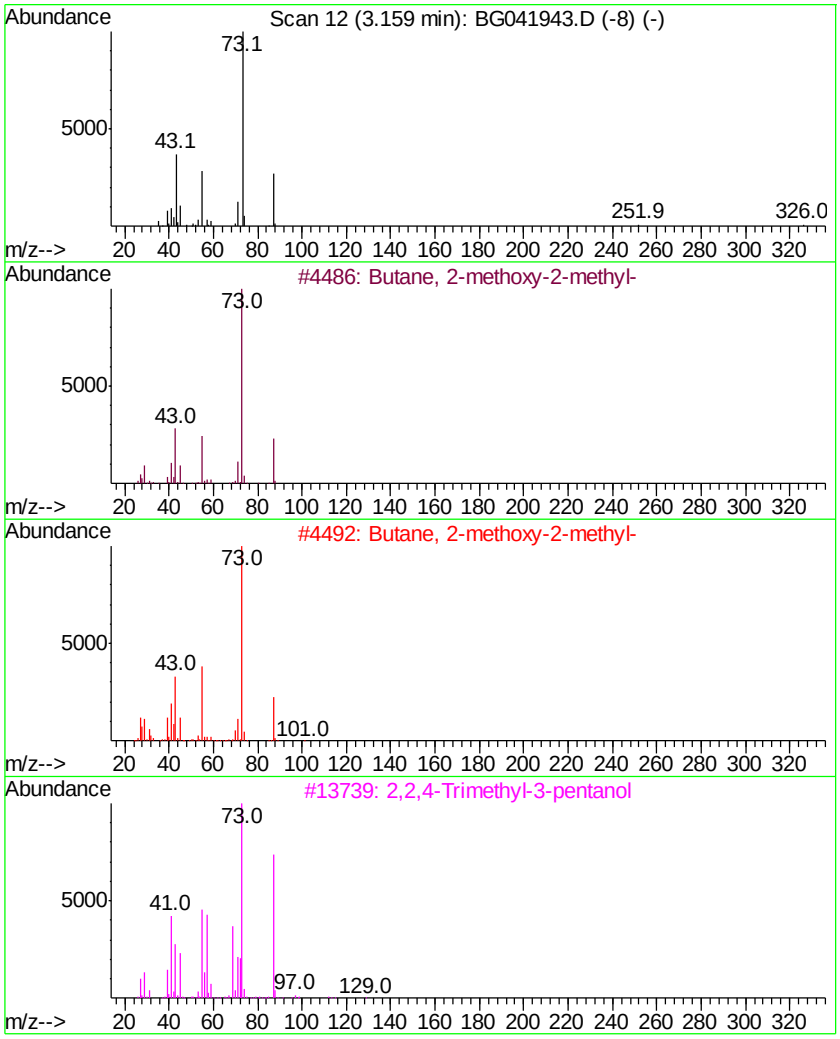
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

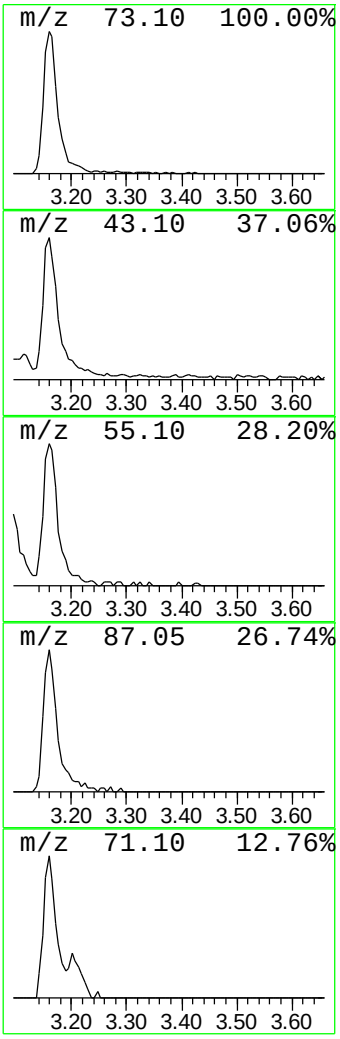
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	5.95 ng/ul	151916	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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

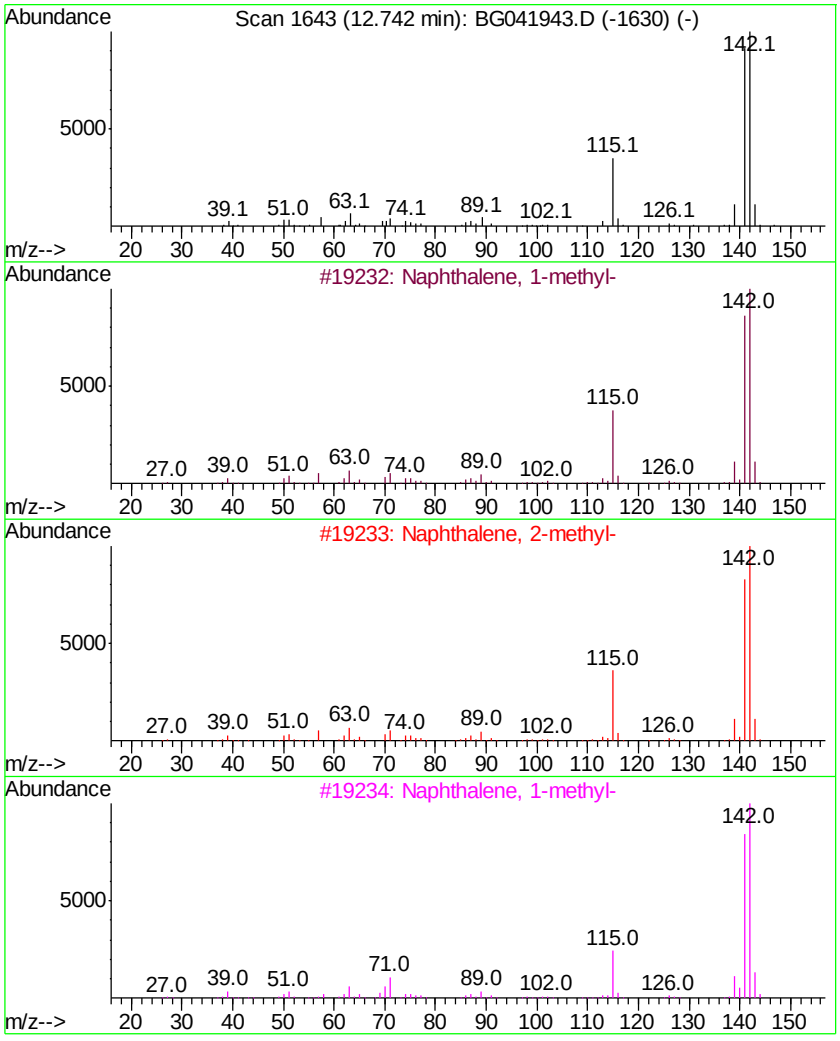
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

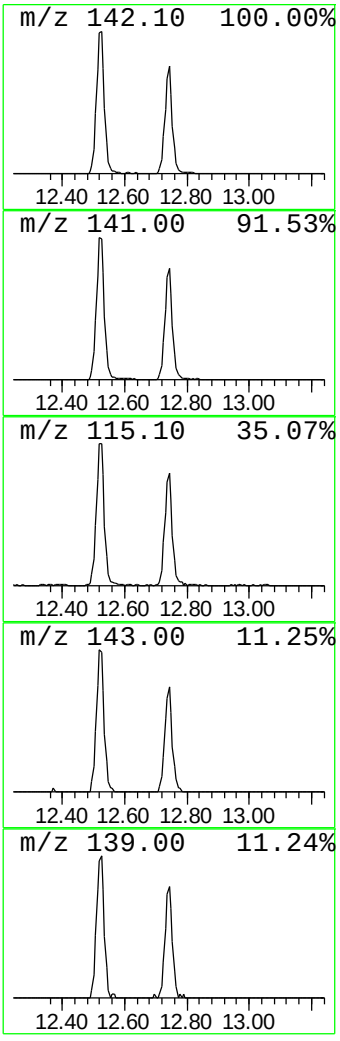
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	7.00 ng/ul	257784	Naphthalene-d8	10.86

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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

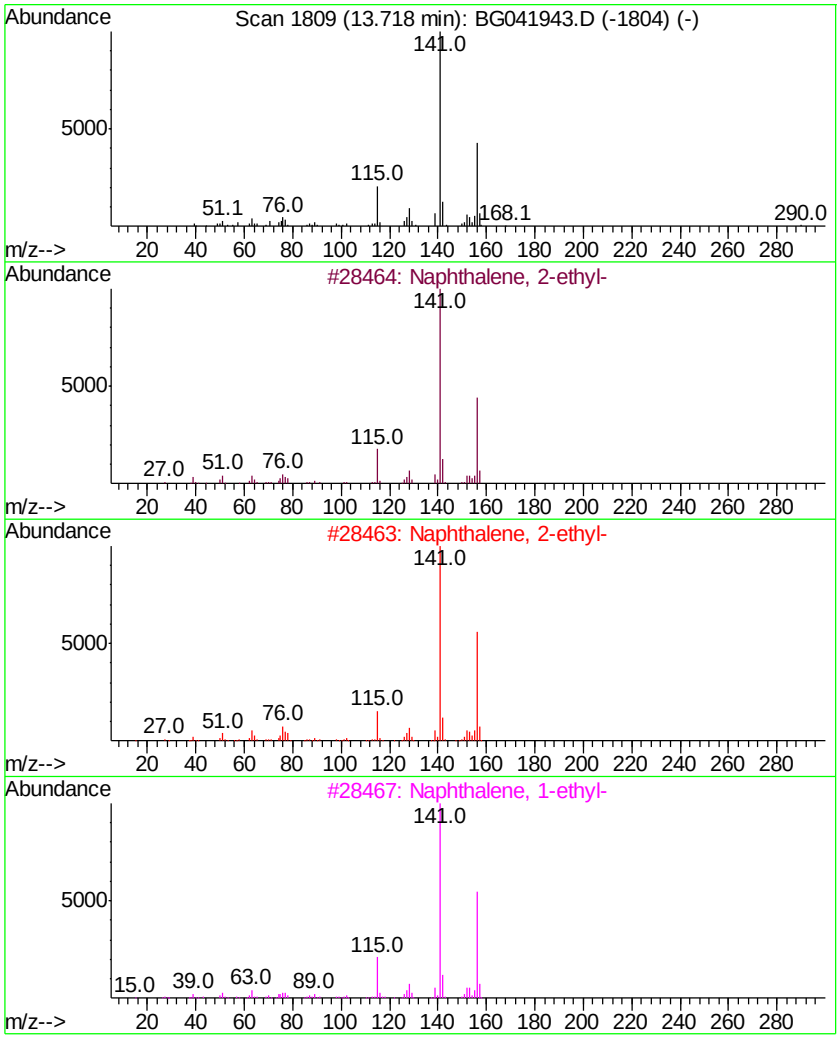
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

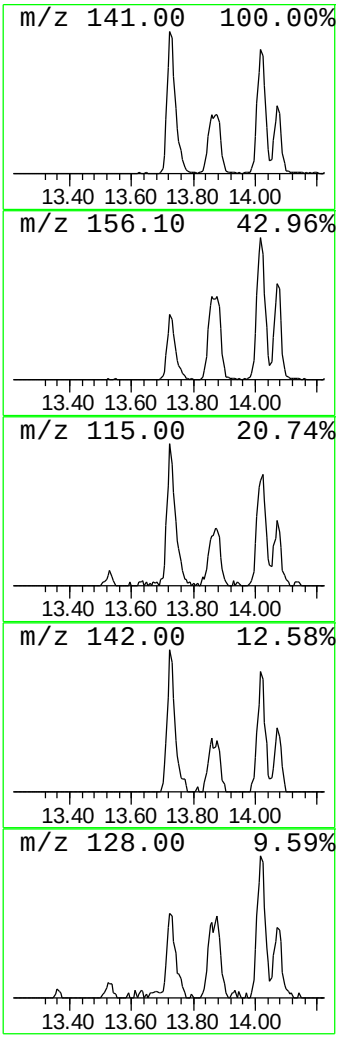
****

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.65 ng/ul	197577	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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

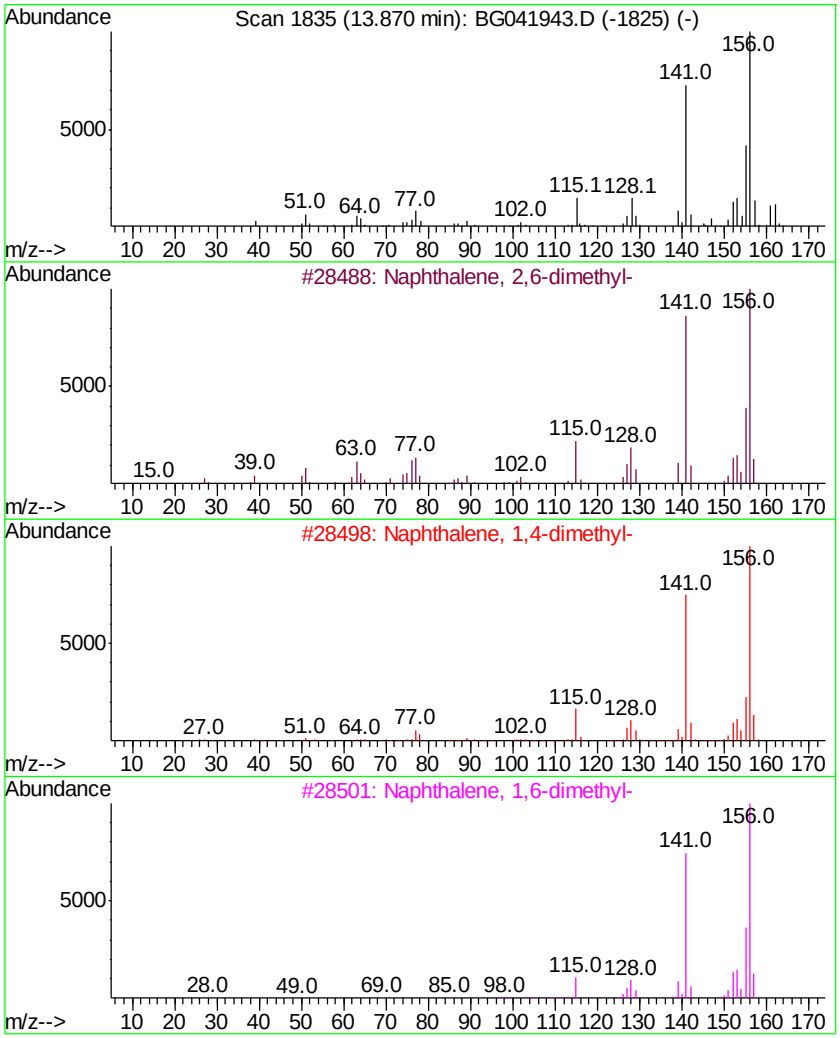
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

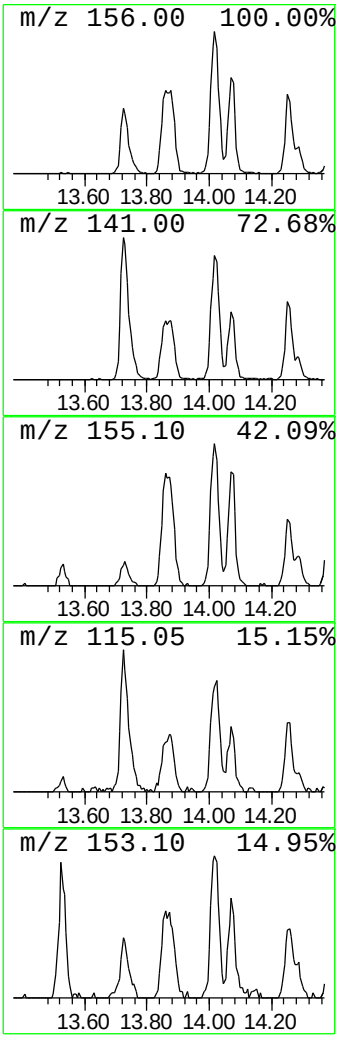
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.40 ng/ul	238560	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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

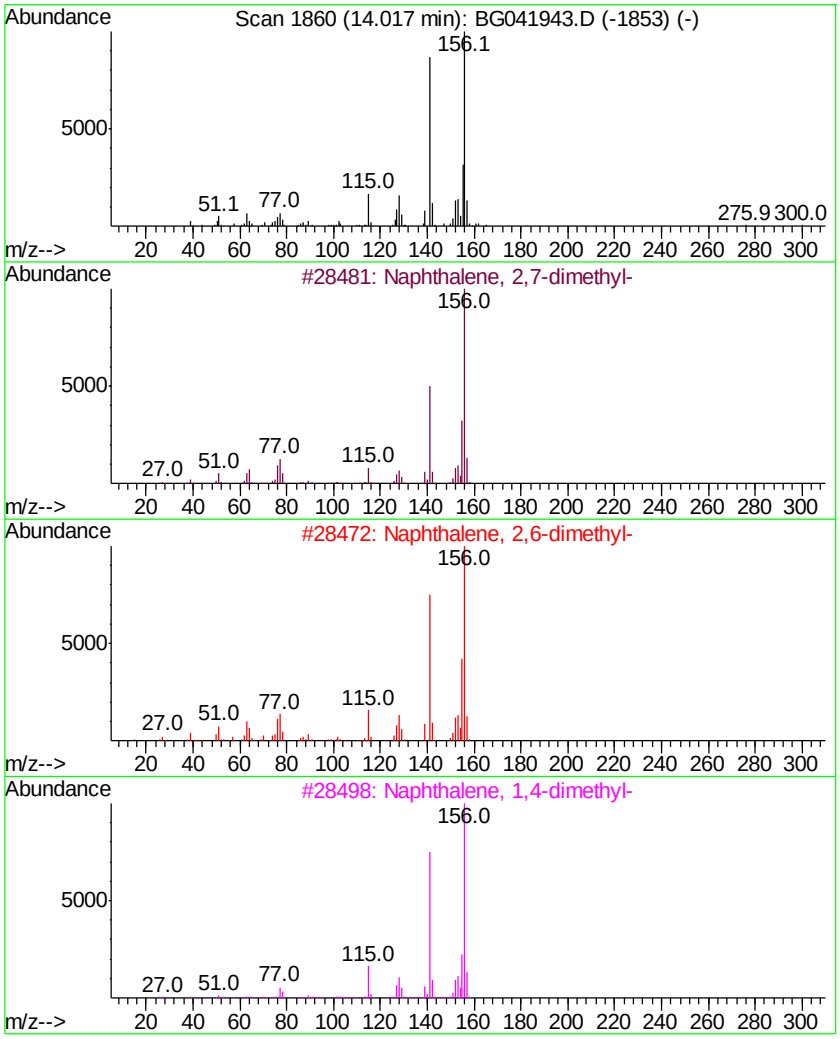
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

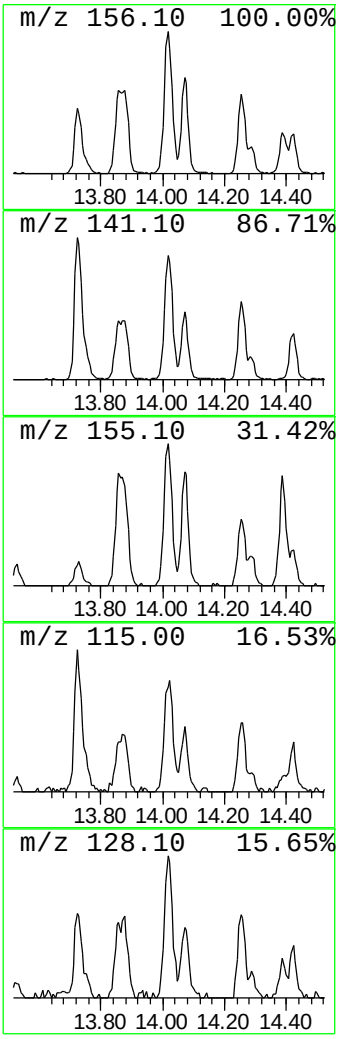
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	5.02 ng/ul	271814	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Library Search Compound Report

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Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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Quant Title : SVOA CALIBRATION

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

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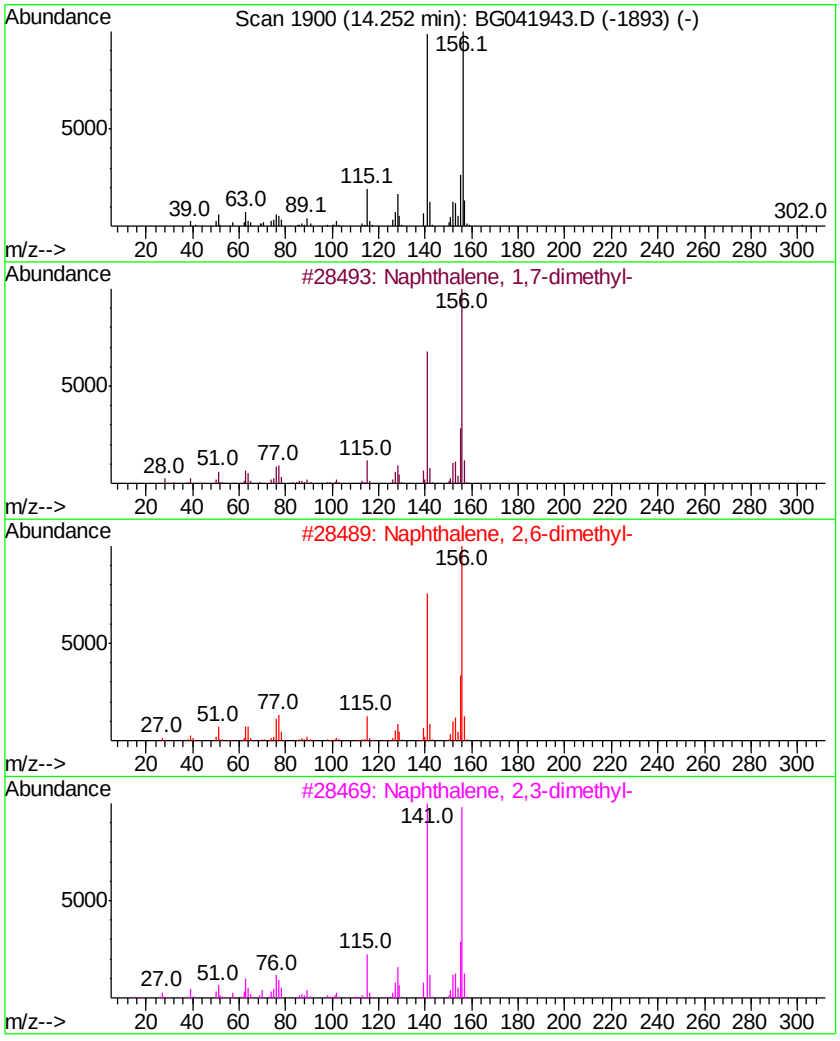
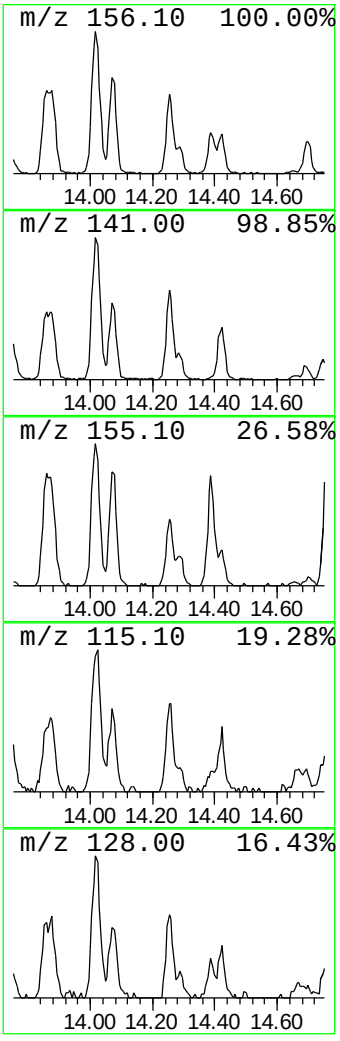
Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.55 ng/ul	138217	Acenaphthene-d10	14.70

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





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Instrument : BNA_G
ClientSampleId : BENQ1DL

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Quant Title : SVOA CALIBRATION

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

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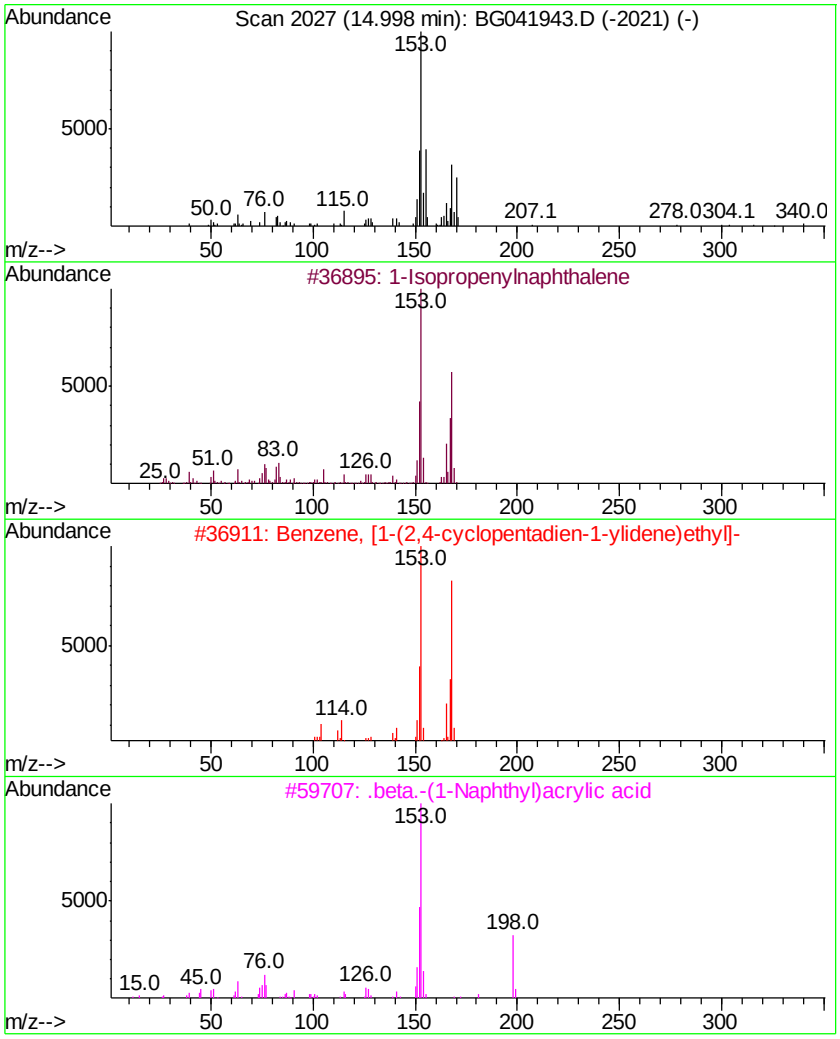
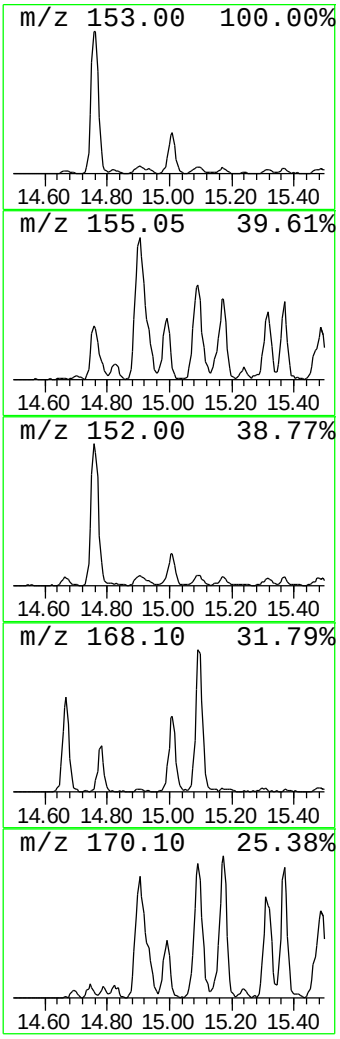
Peak Number 7 1-Isopropenylnaphthalene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.19 ng/ul	172841	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	74
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
3	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	50
4	4-Hydroxy-1,2,5-trimethyl-4-pipe...	168	C9H16N2O	051871-79-5	47
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47





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ClientSampleId : BENQ1DL

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Quant Title : SVOA CALIBRATION

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

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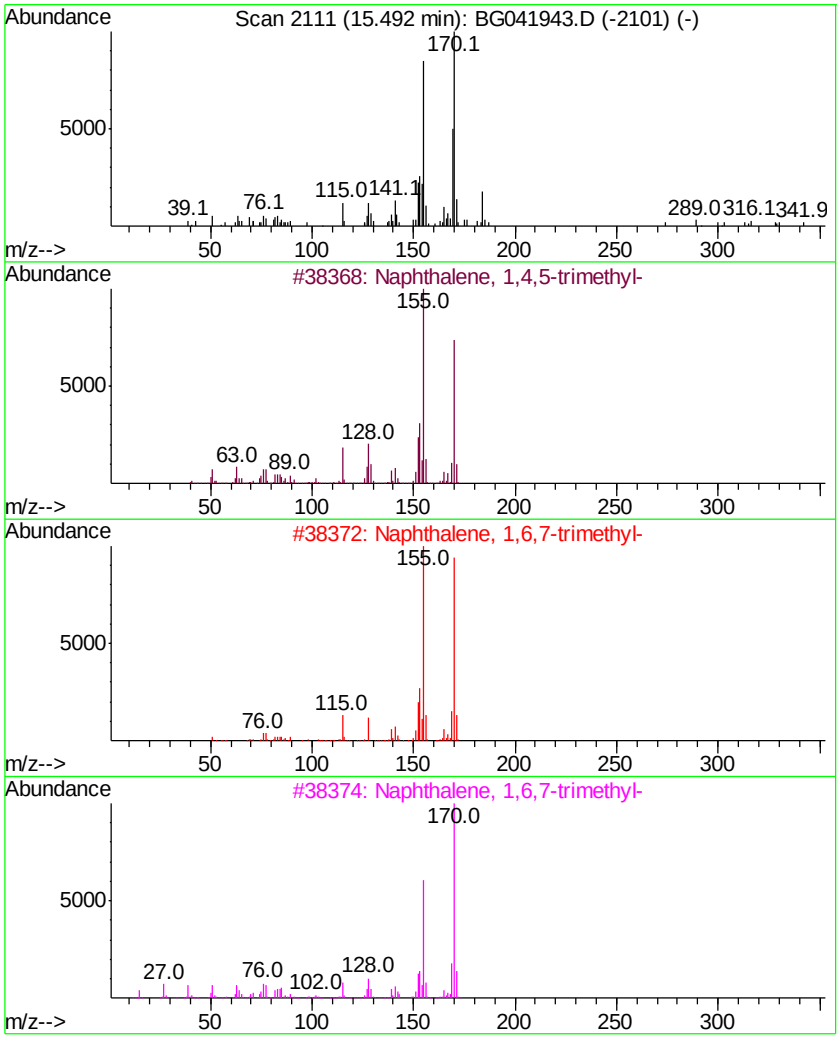
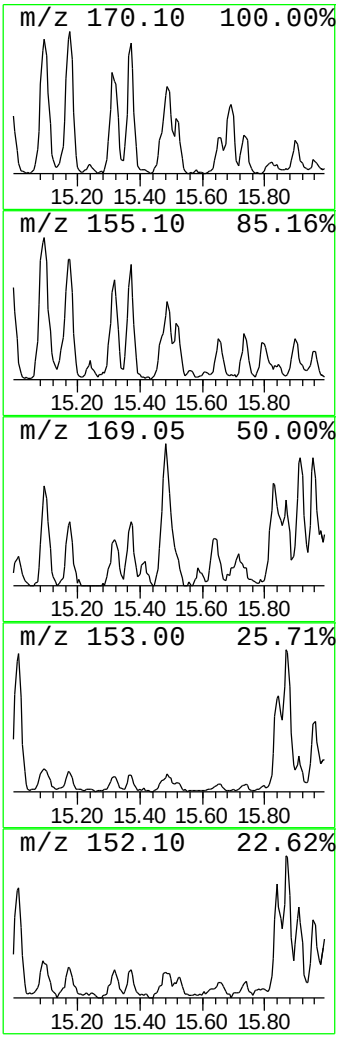
Peak Number 8 Naphthalene, 1,4,5-trimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.44 ng/ul	132279	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90





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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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Quant Title : SVOA CALIBRATION

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

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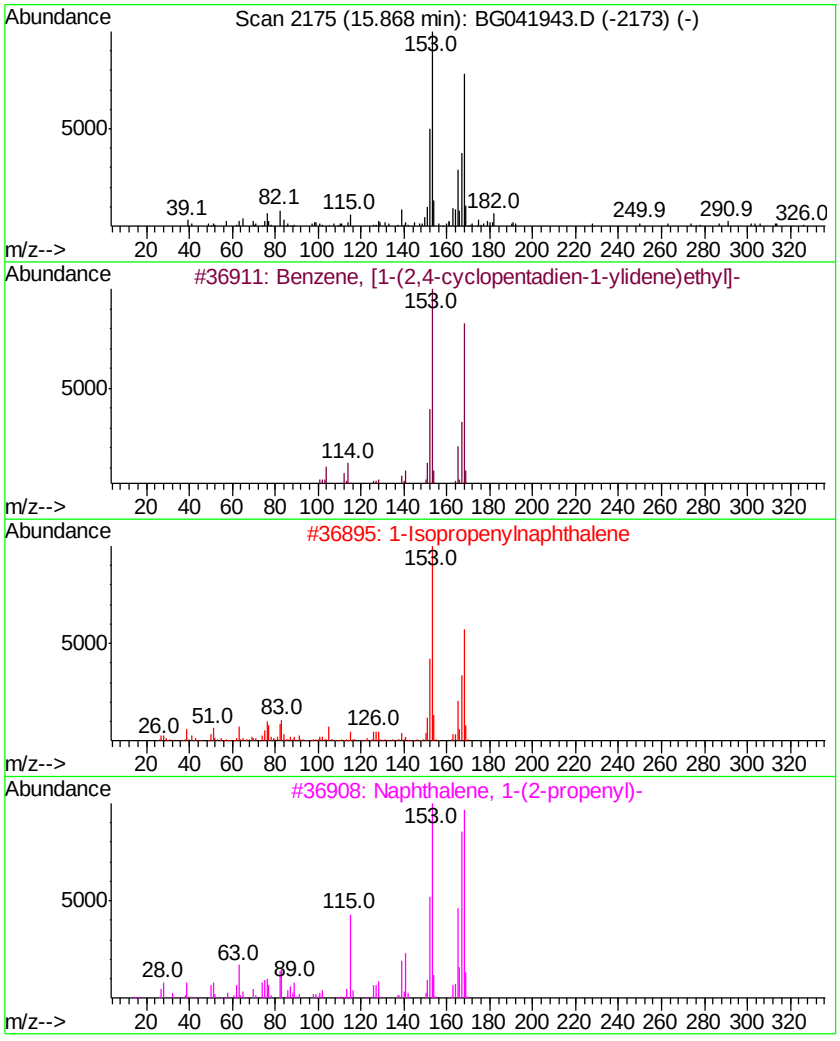
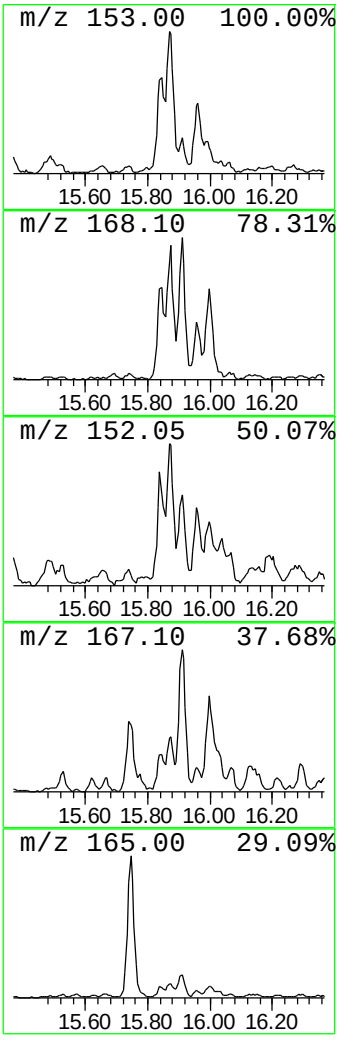
Peak Number 9 Benzene, [1-(2,4-cyclopenta... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.16 ng/ul	116852	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	59
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	53
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	42
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	38
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38





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Misc :
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Quant Title : SVOA CALIBRATION

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

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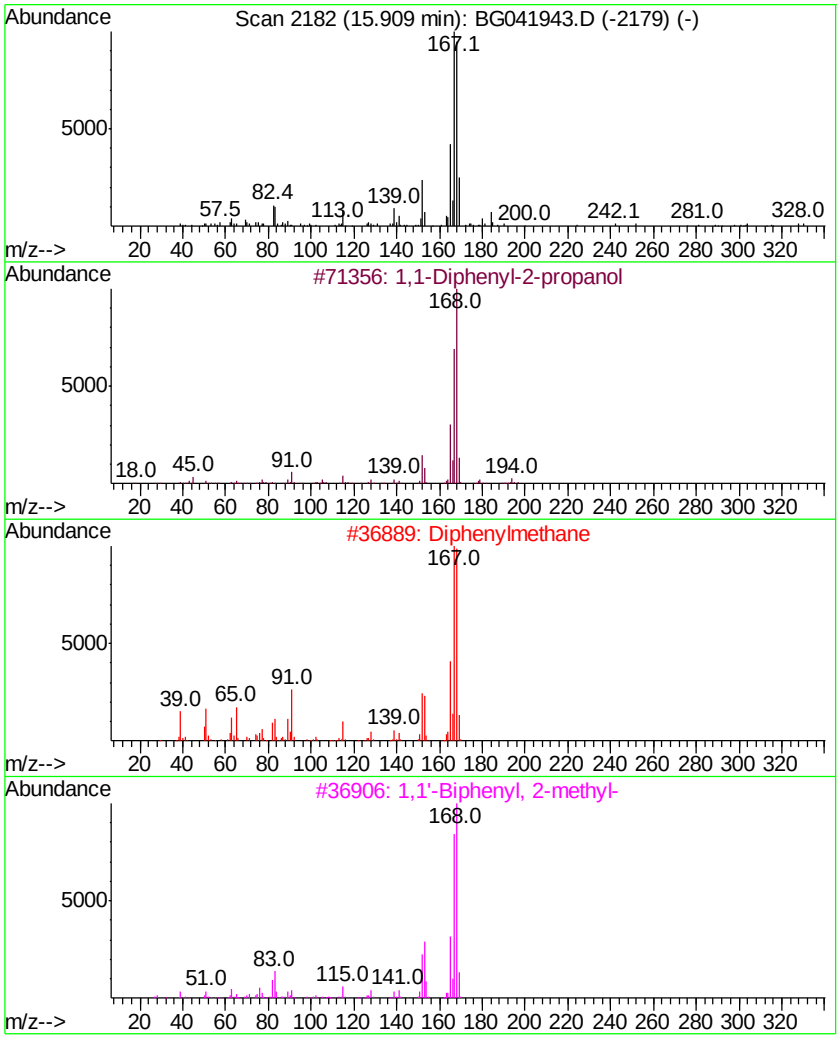
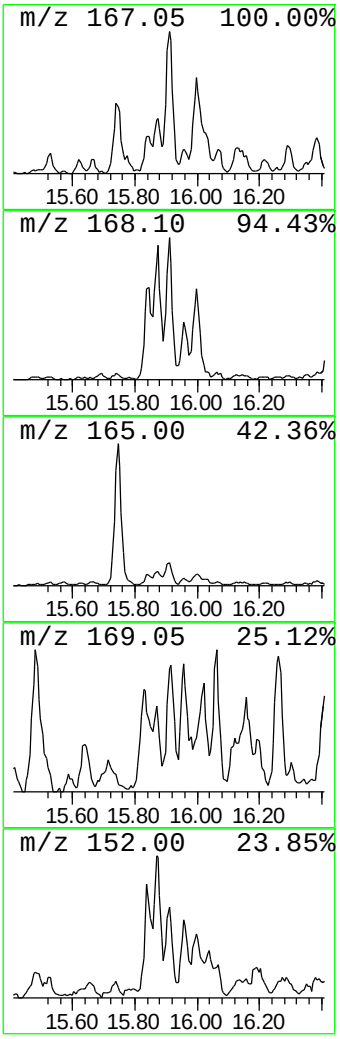
Peak Number 10 1,1-Diphenyl-2-propanol Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	2.93 ng/ul	158839	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	78
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
4	Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	72
5	Diphenylmethane	168	C13H12	000101-81-5	68





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ClientSampleId : BENQ1DL

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Quant Title : SVOA CALIBRATION

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

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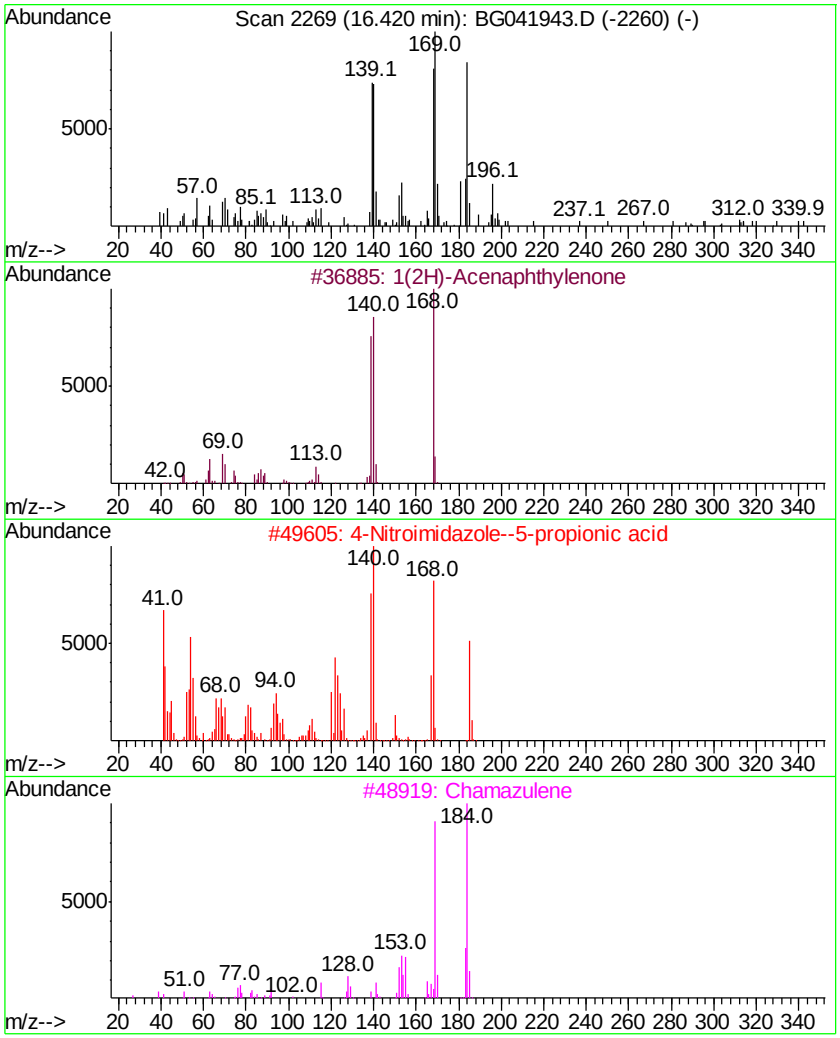
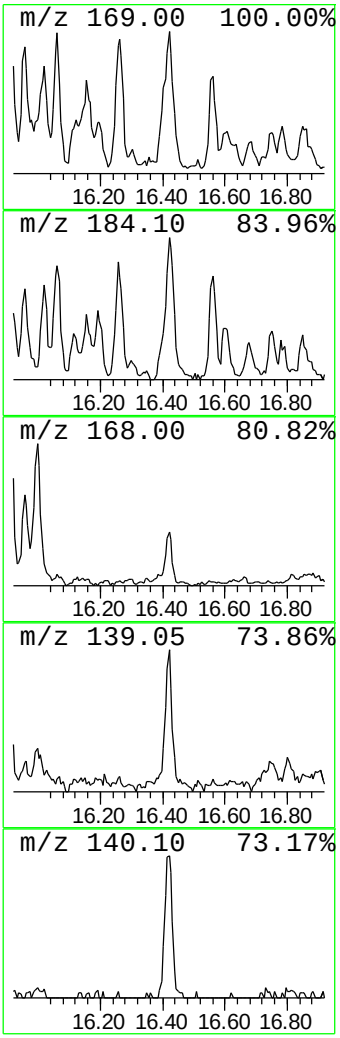
Peak Number 11 1(2H)-Acenaphthylenone Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.82 ng/ul	156168	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50
2	4-Nitroimidazole--5-propionic acid	185	C6H7N3O4	1000129-50-8	41
3	Chamazulene	184	C14H16	000529-05-5	38
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	30
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	30





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Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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Quant Title : SVOA CALIBRATION

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

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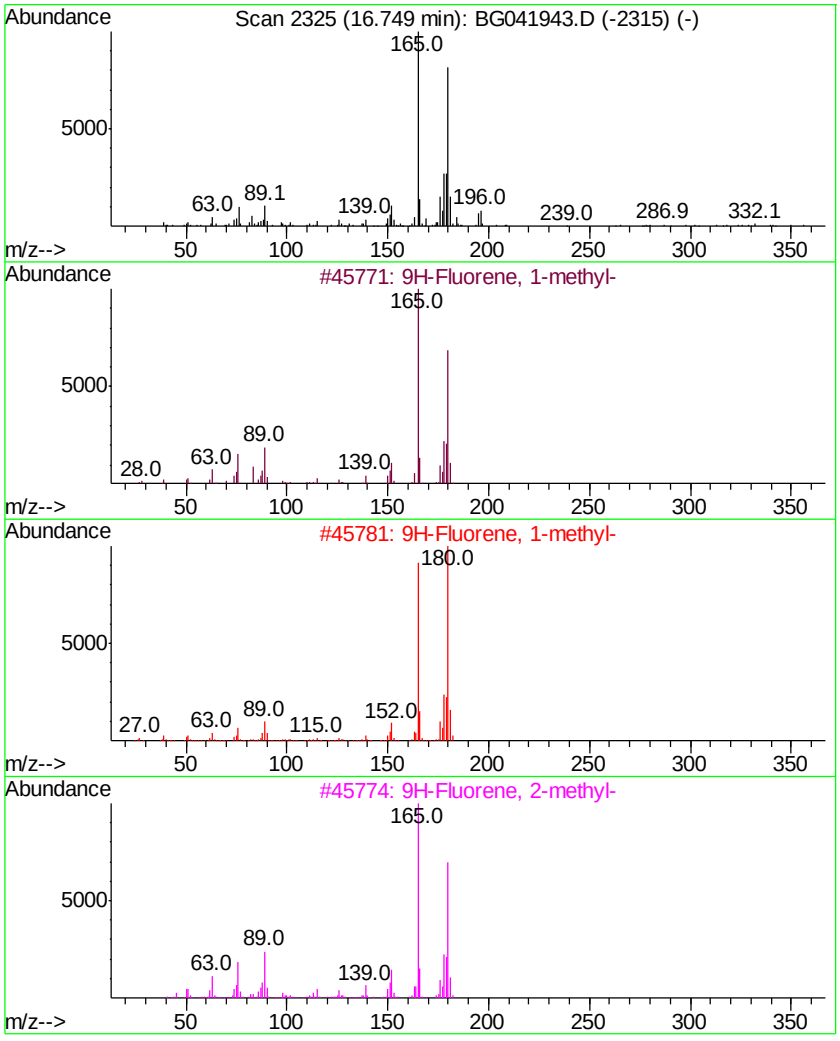
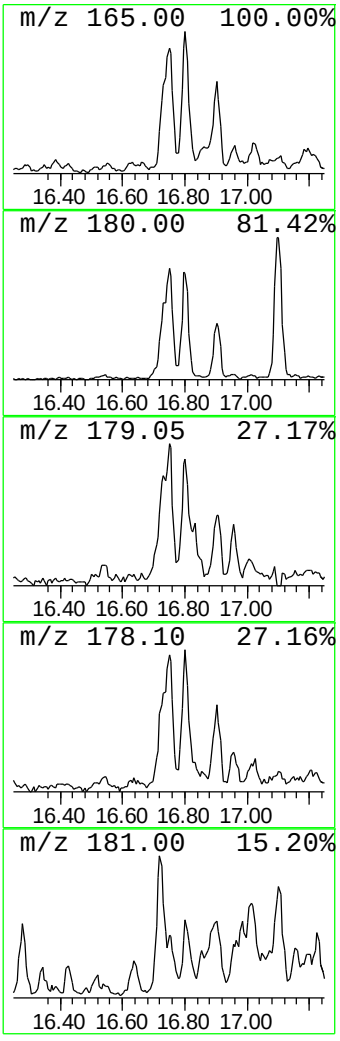
Peak Number 12 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	5.44 ng/ul	301327	Phenanthrene-d10	17.45

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





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Instrument : BNA_G
ClientSampleId : BENQ1DL

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Quant Title : SVOA CALIBRATION

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

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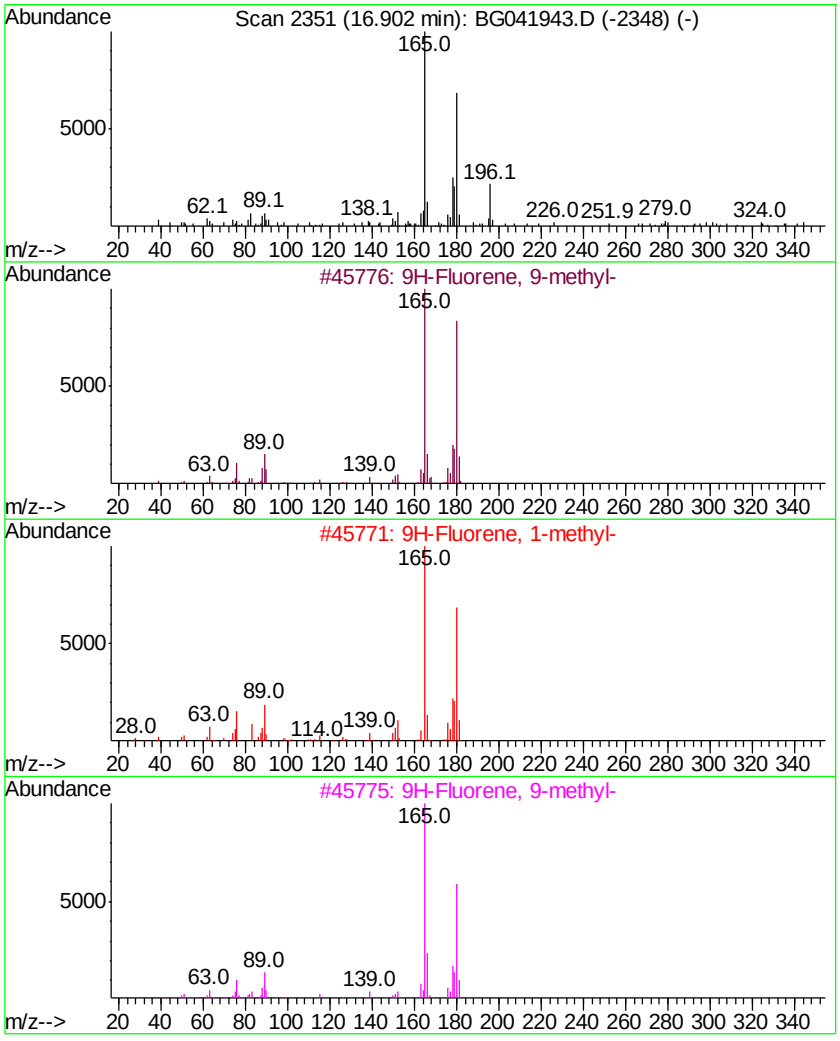
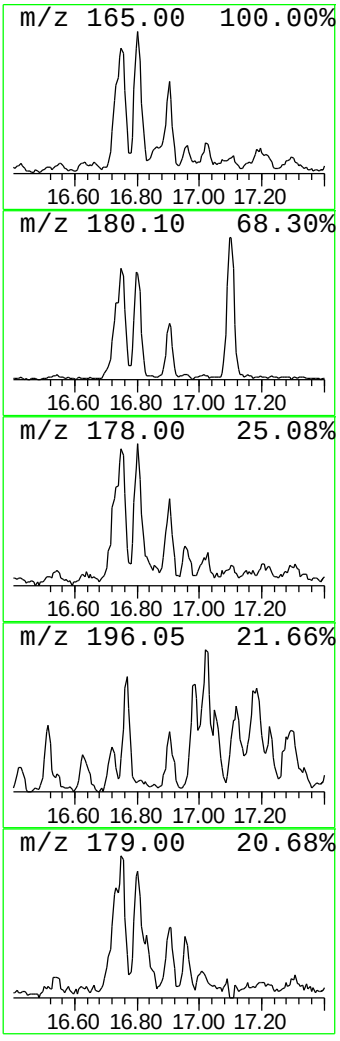
Peak Number 14 9H-Fluorene, 9-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	2.20 ng/ul	121652	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	68
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	62
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	59
5	3',5'-Dimethoxyacetophenone	180	C10H12O3	039151-19-4	50





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Quant Title : SVOA CALIBRATION

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

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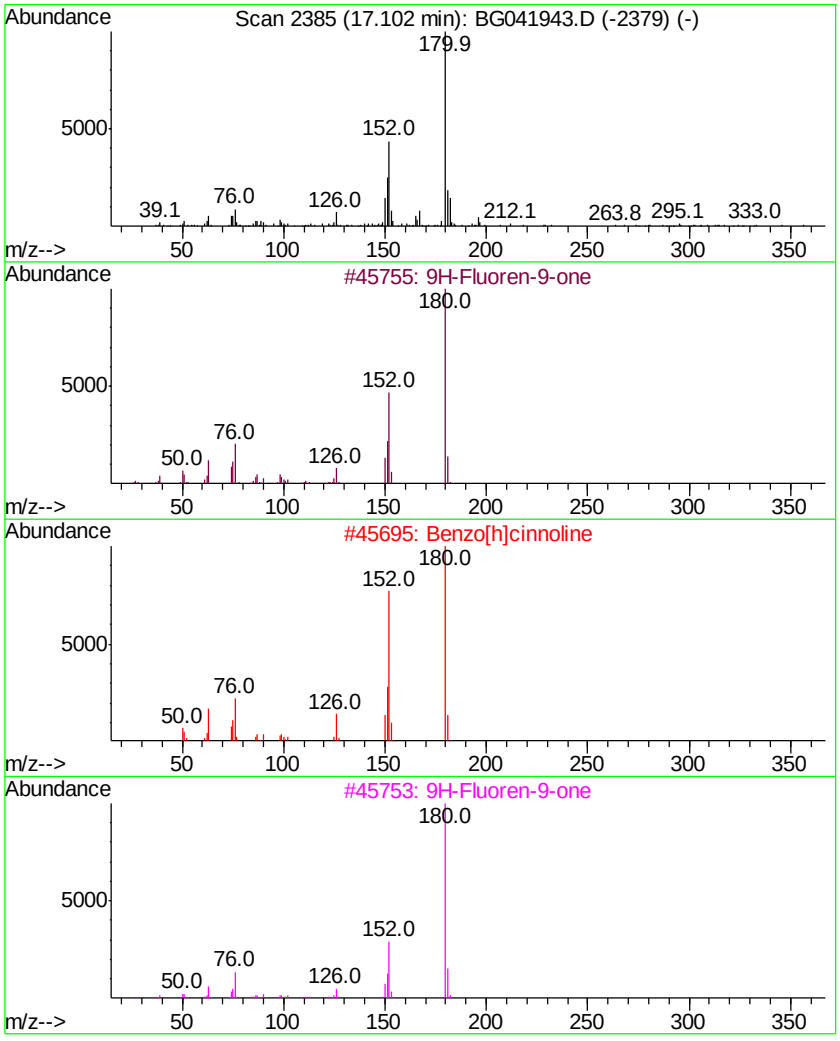
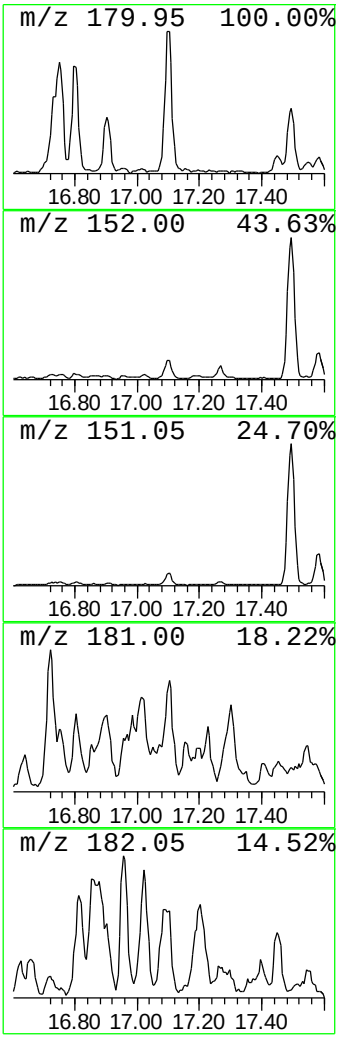
Peak Number 15 9H-Fluoren-9-one Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	2.95 ng/ul	163240	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	81
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64





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Quant Title : SVOA CALIBRATION

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

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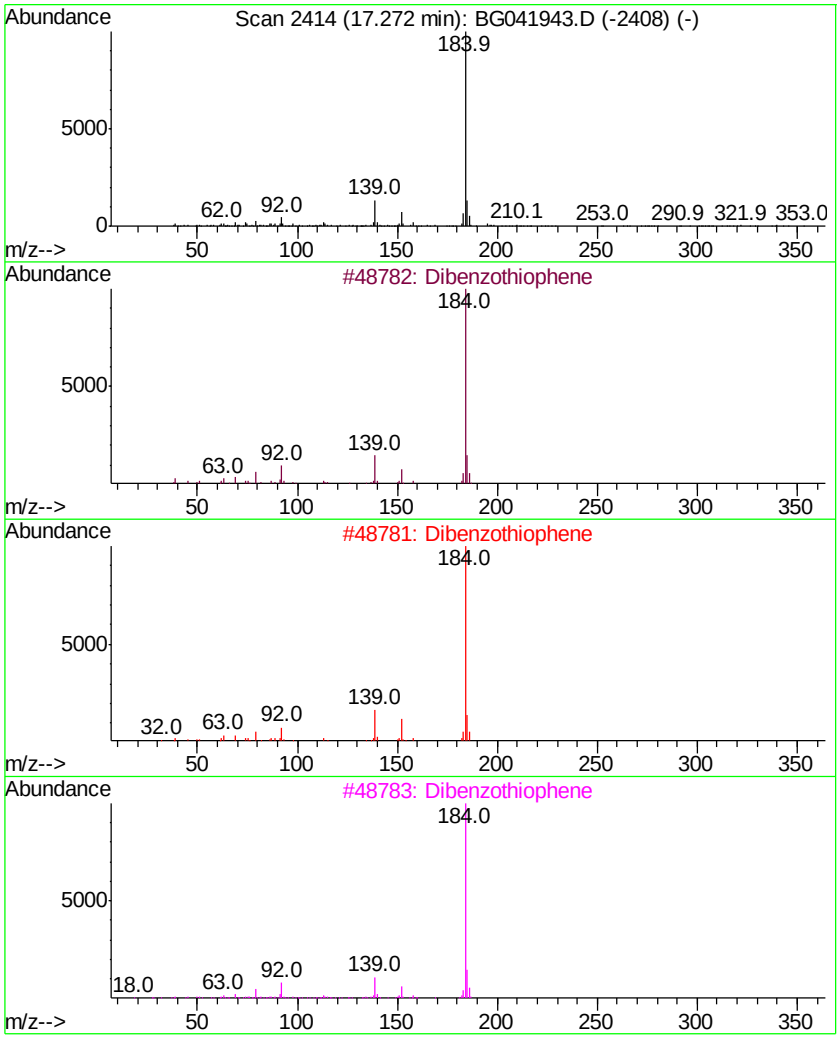
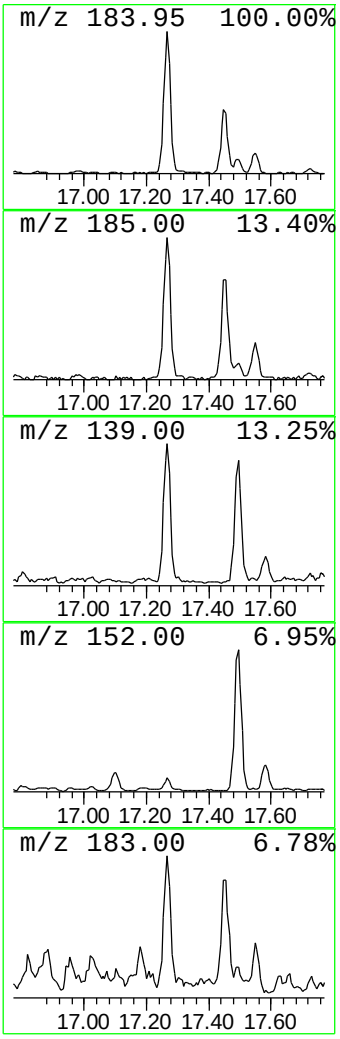
Peak Number 16 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	7.13 ng/ul	394506	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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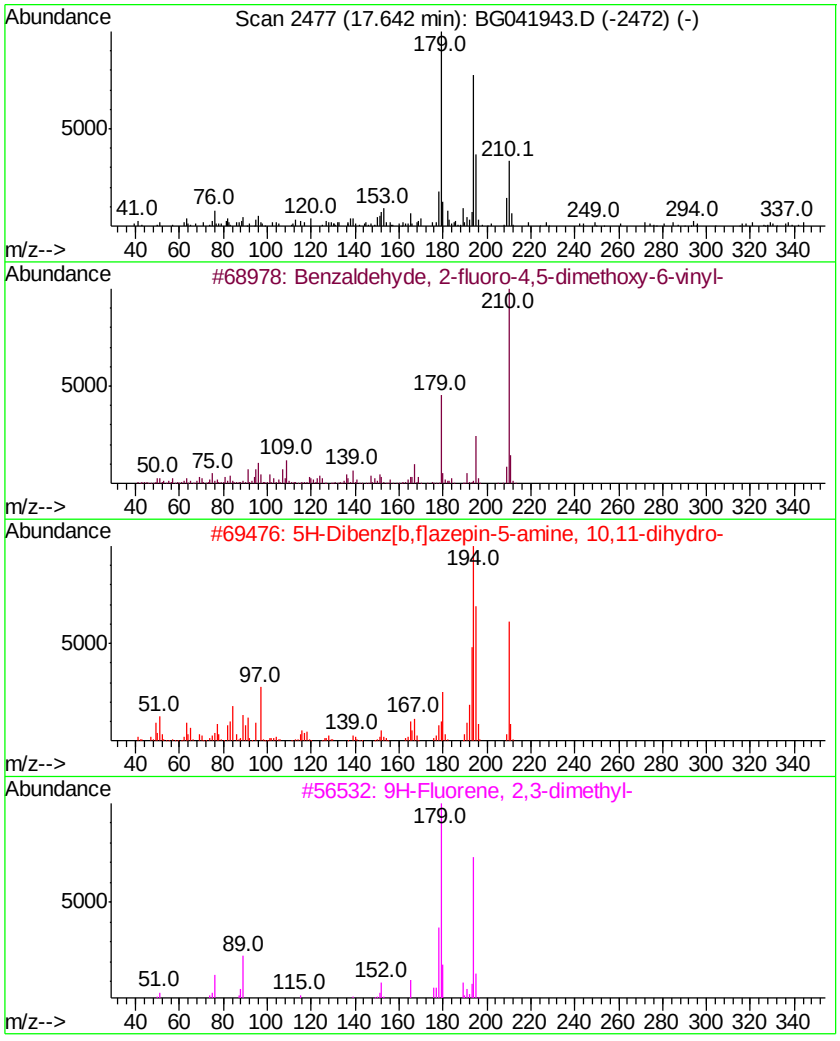
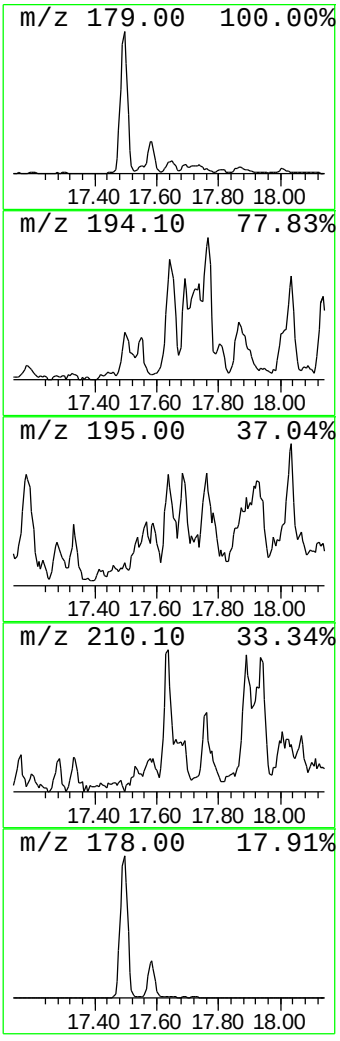
Peak Number 17 Benzaldehyde, 2-fluoro-4,5-... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	2.33 ng/ul	129256	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-fluoro-4,5-dimet...	210	C11H11FO3	1000116-53-5	59
2	5H-Dibenz[b,f]azepin-5-amine, 10...	210	C14H14N2	007458-07-3	55
3	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	53
4	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	45
5	3-Oxabicyclo[3.3.0]octan-2-one, ...	194	C12H18O2	1000158-89-9	43





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Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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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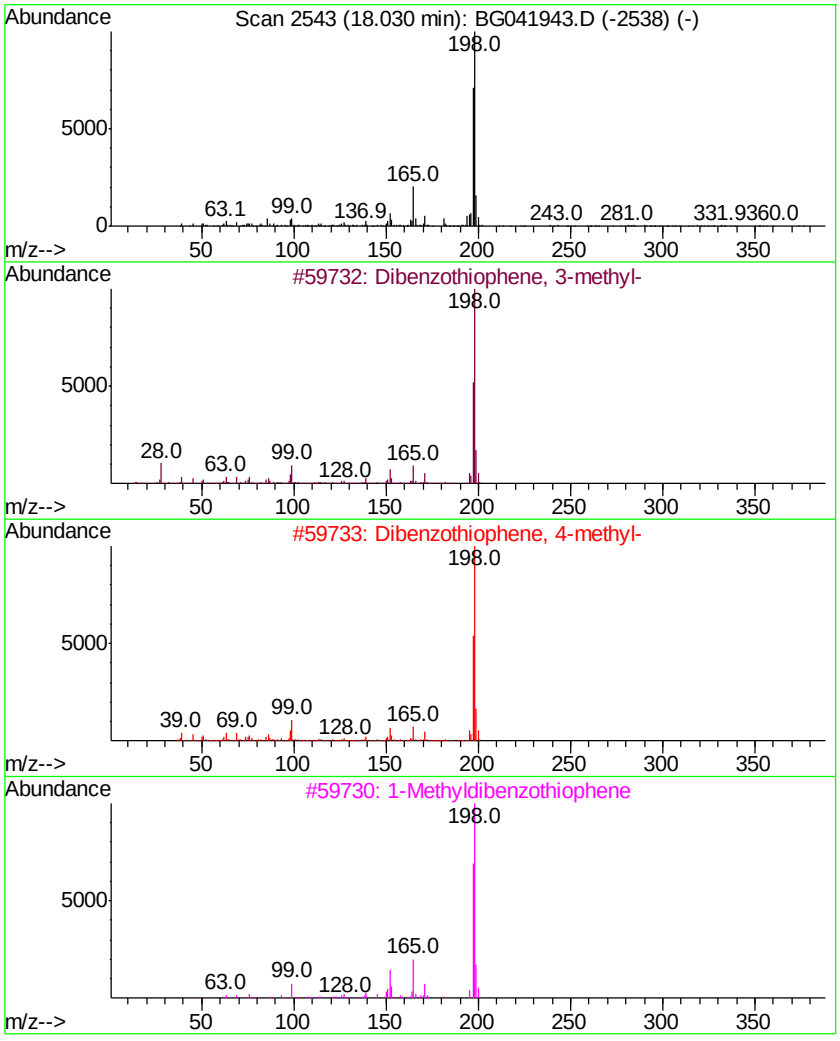
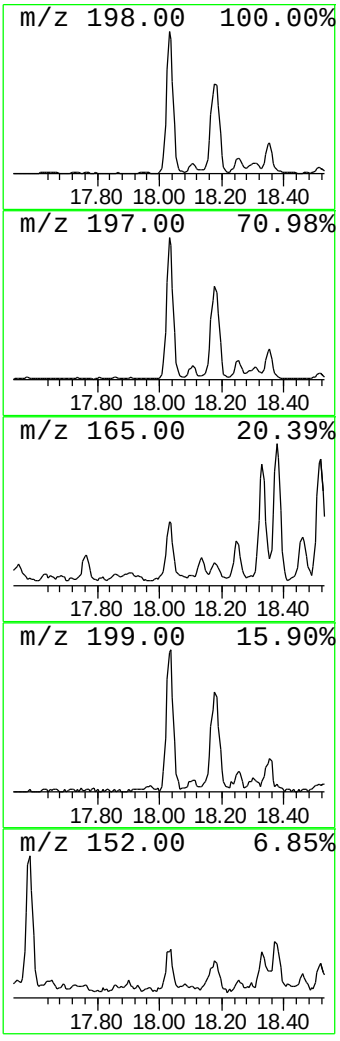
Peak Number 18 Dibenzothiophene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	6.46 ng/ul	357621	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	64
5	Tacrine	198	C13H14N2	000321-64-2	64





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Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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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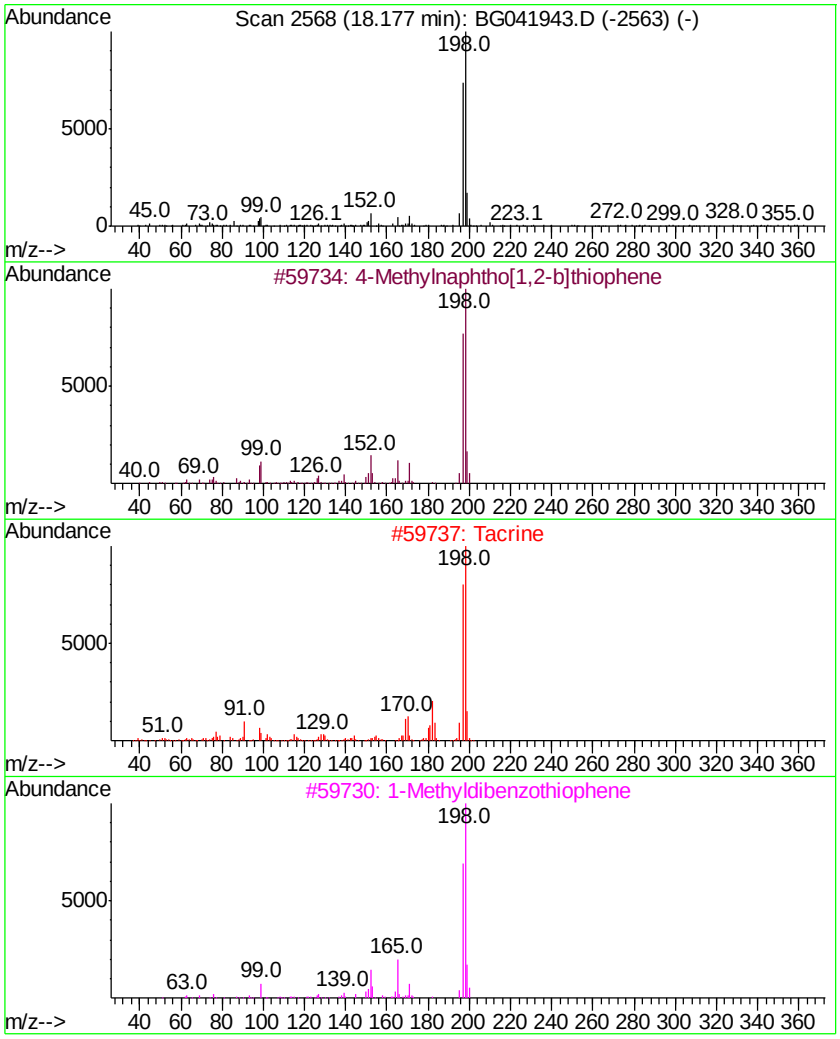
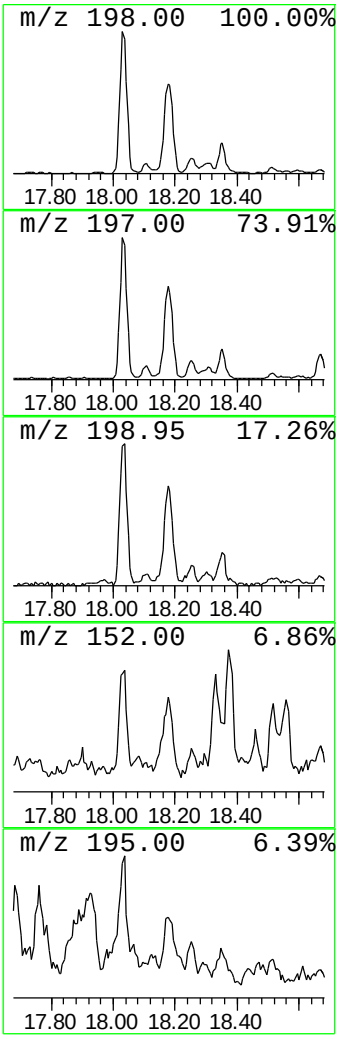
Peak Number 19 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	4.45 ng/ul	246527	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	95
2	Tacrine	198	C13H14N2	000321-64-2	86
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	86
4	Tacrine	198	C13H14N2	000321-64-2	78
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	78





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Operator : HP/JU
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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Quant Title : SVOA CALIBRATION

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

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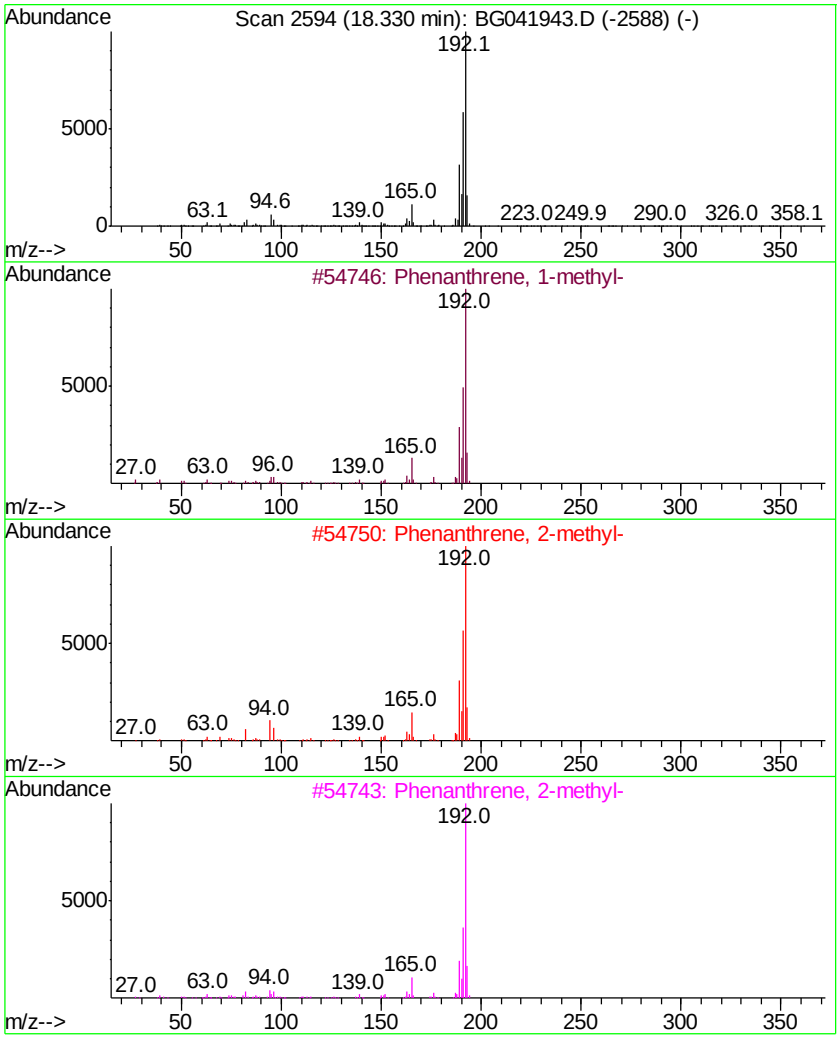
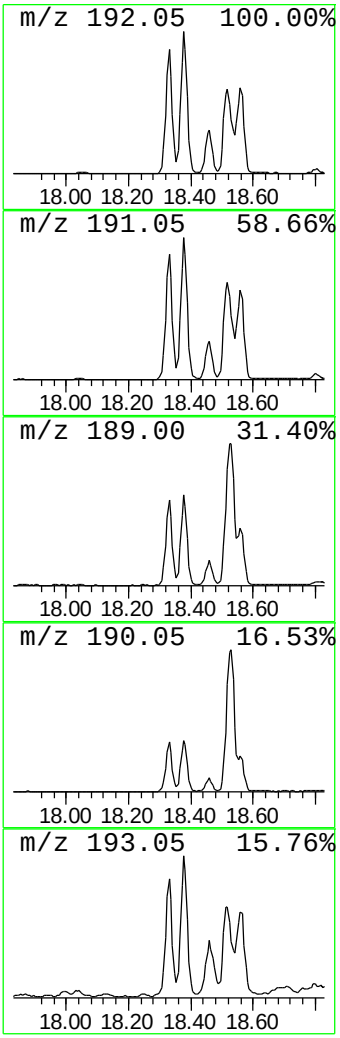
Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	21.04 ng/ul	1164810	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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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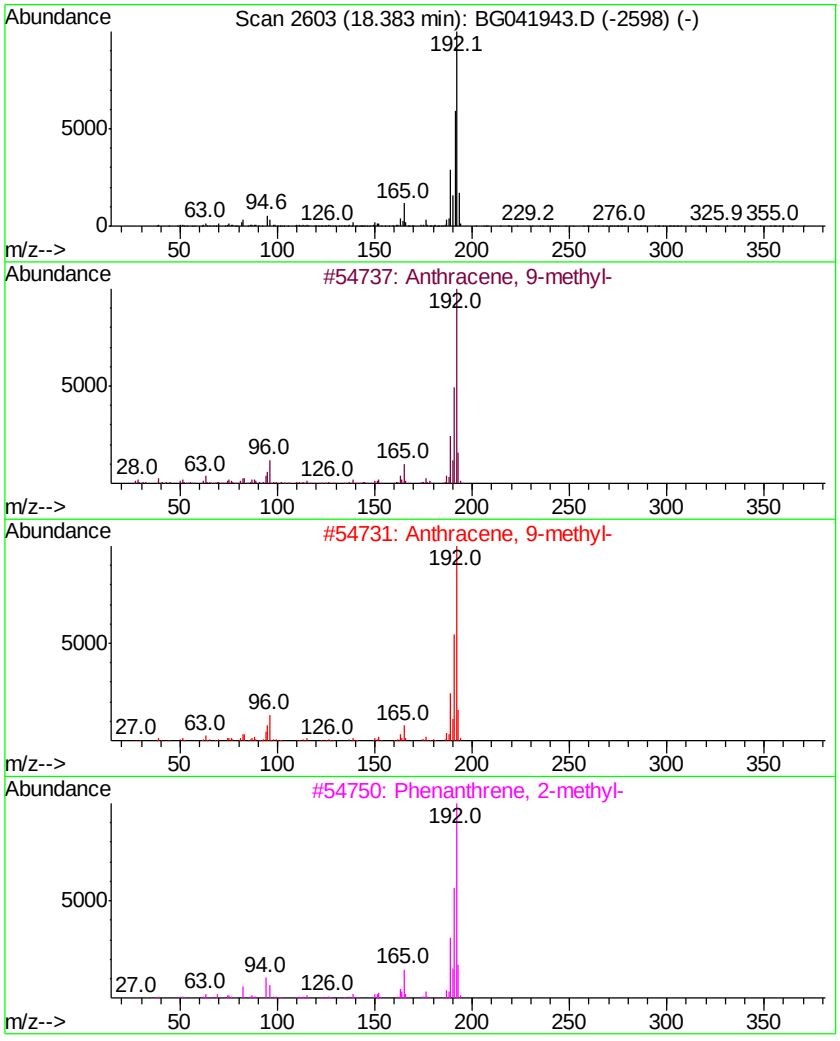
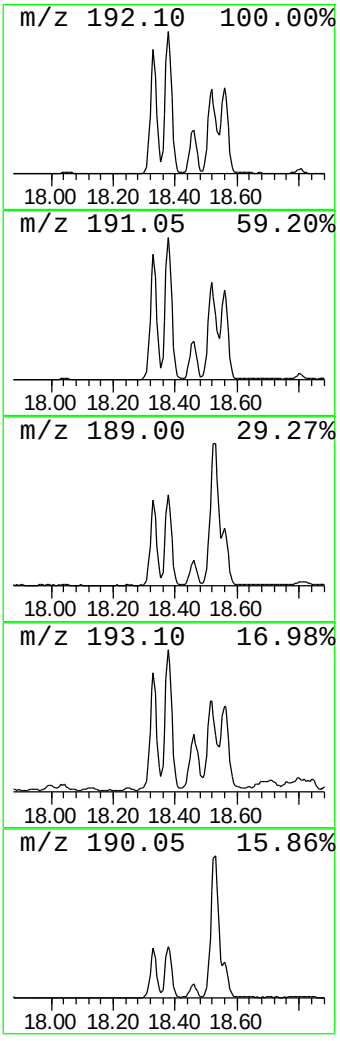
Peak Number 21 Anthracene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	23.81 ng/ul	1318050	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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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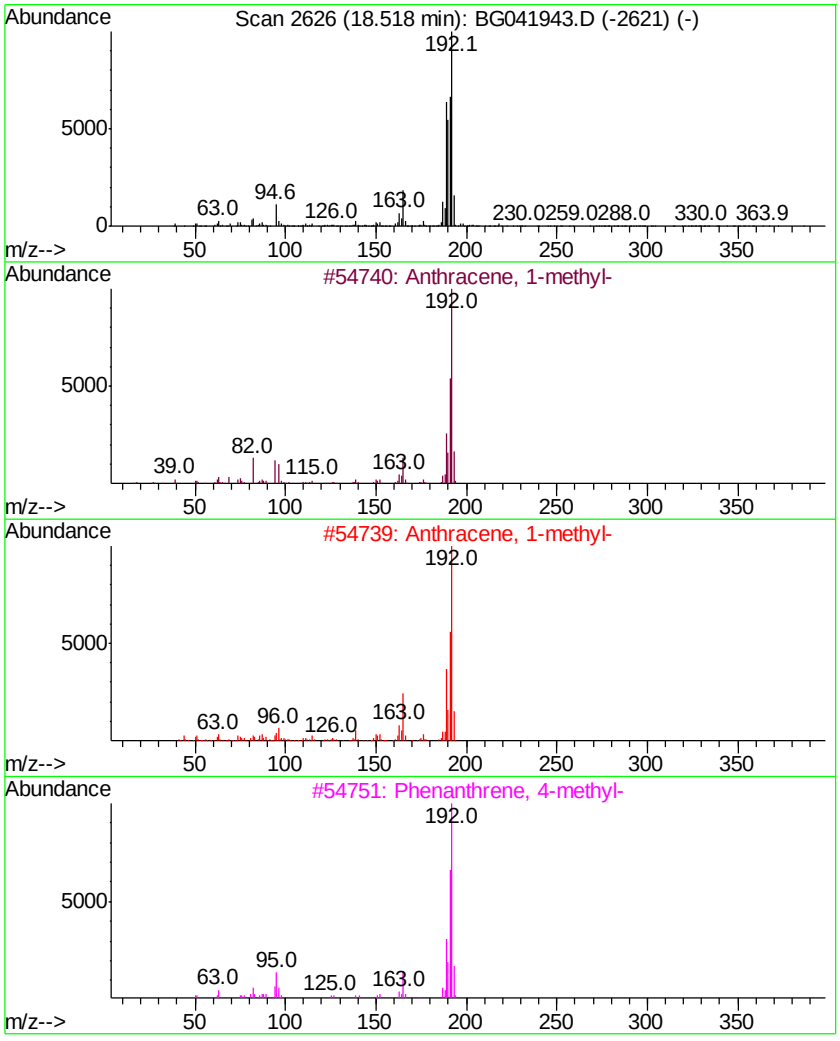
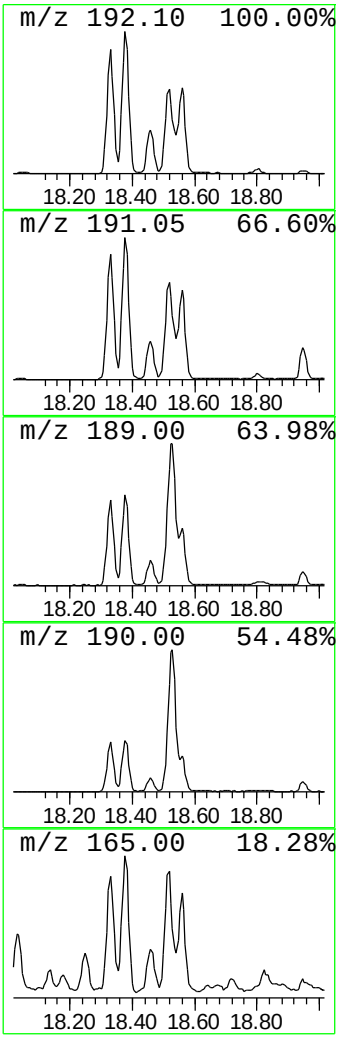
Peak Number 23 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	28.73 ng/ul	1590630	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60





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Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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Quant Title : SVOA CALIBRATION

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

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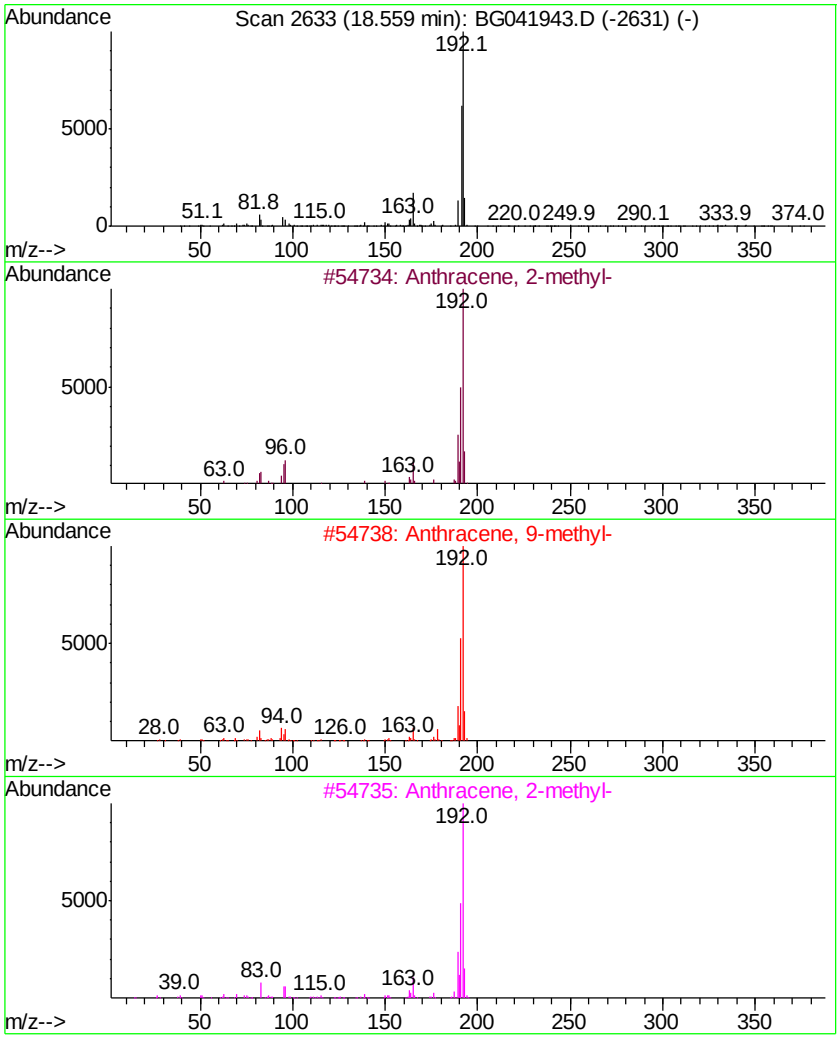
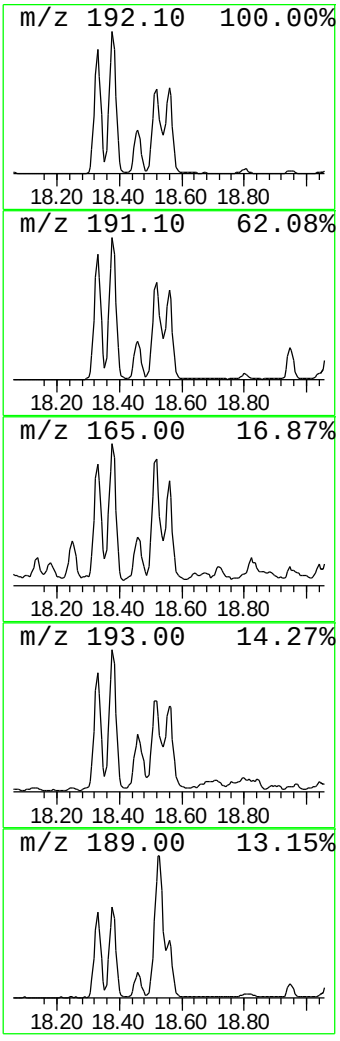
Peak Number 24 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	12.25 ng/ul	678296	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83





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Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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Quant Title : SVOA CALIBRATION

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

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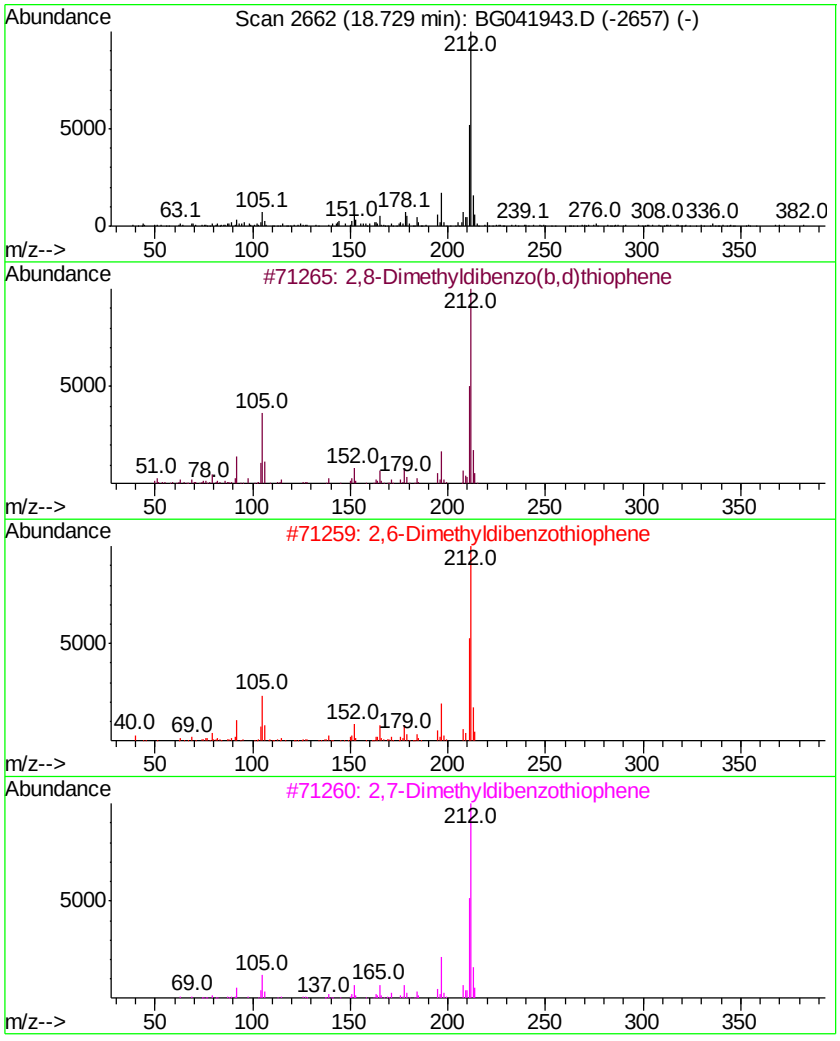
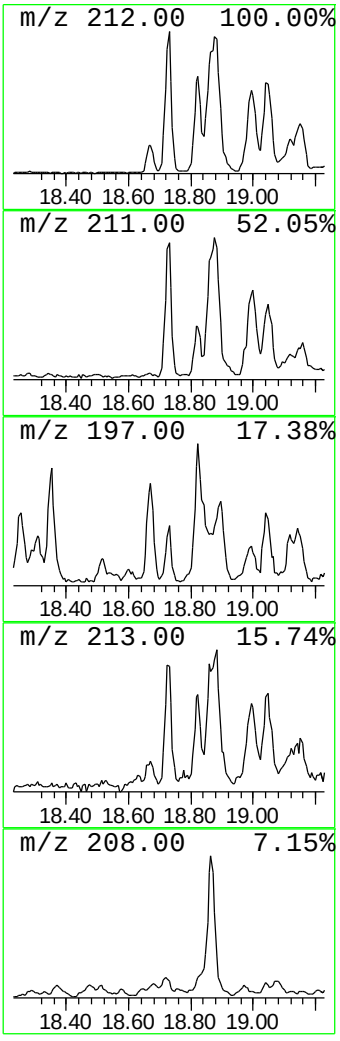
Peak Number 25 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	2.41 ng/ul	133155	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	95
2	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	94
3	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	94
4	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	93
5	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	91





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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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Quant Title : SVOA CALIBRATION

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

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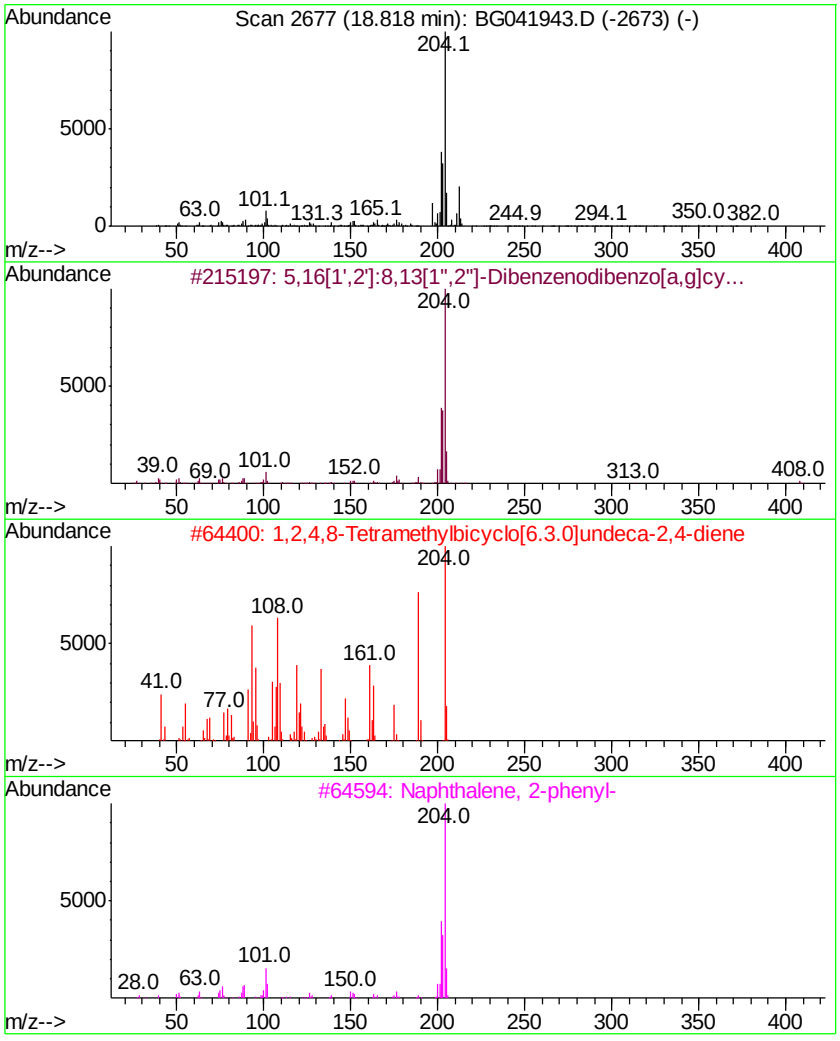
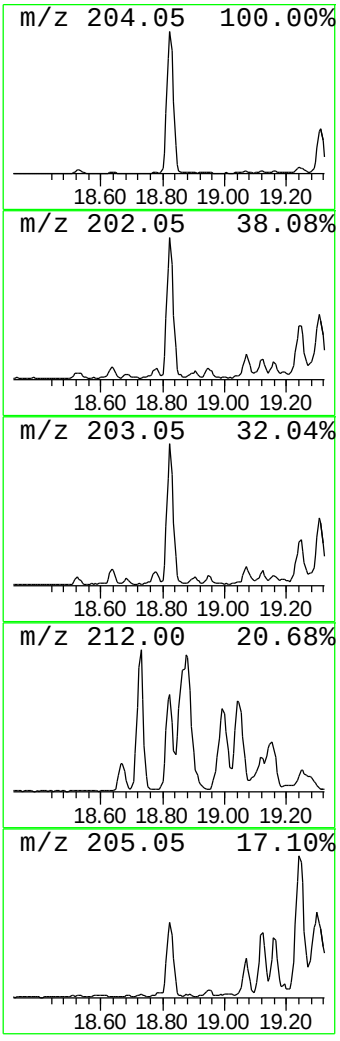
Peak Number 26 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	9.16 ng/ul	506900	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





Library Search Compound Report

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Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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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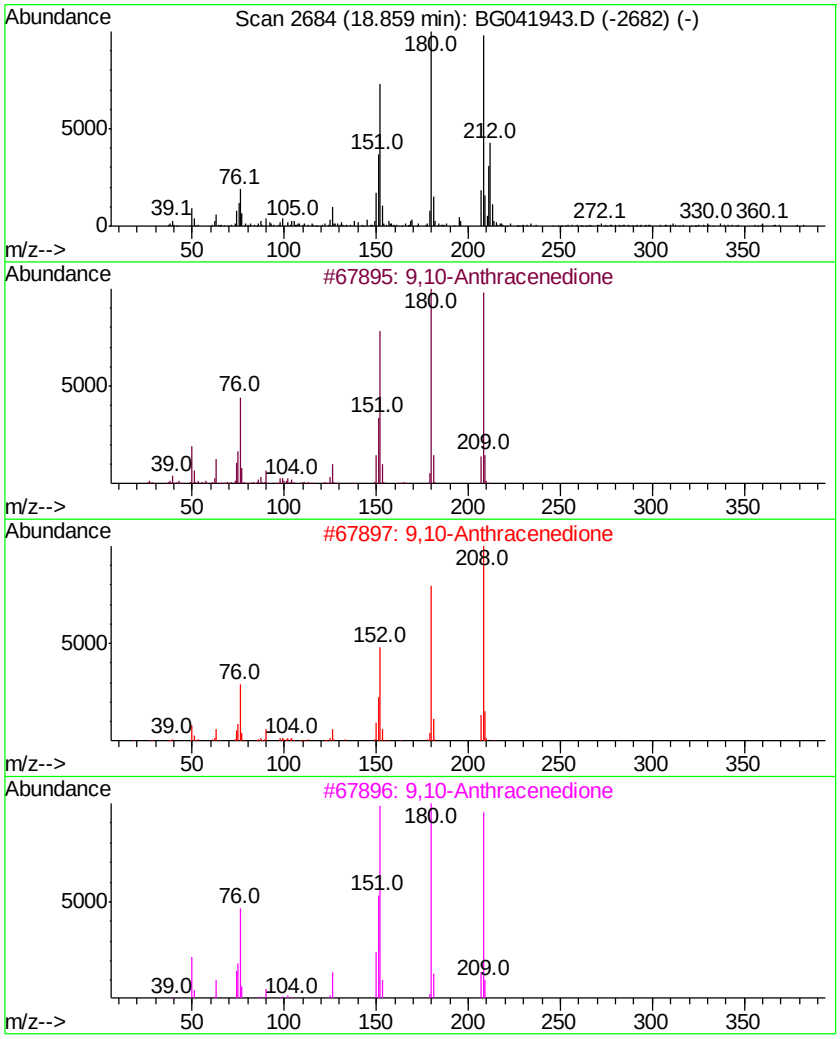
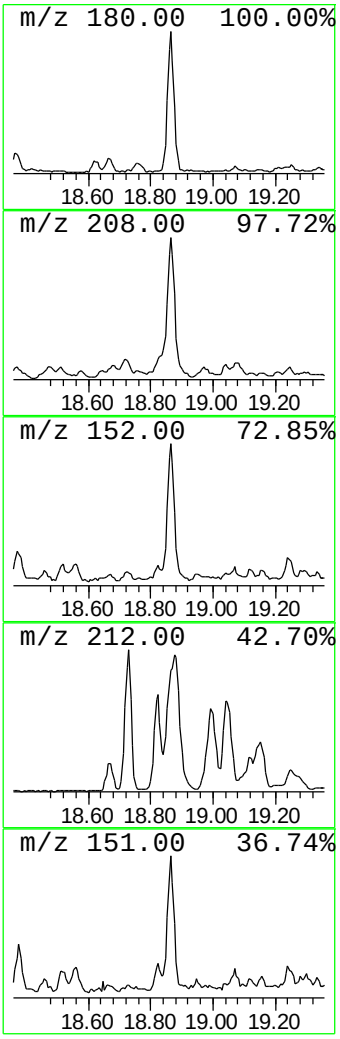
Peak Number 27 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	9.00 ng/ul	498376	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	46
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	46





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Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
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Instrument : BNA_G
ClientSampleId : BENQ1DL

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Quant Title : SVOA CALIBRATION

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

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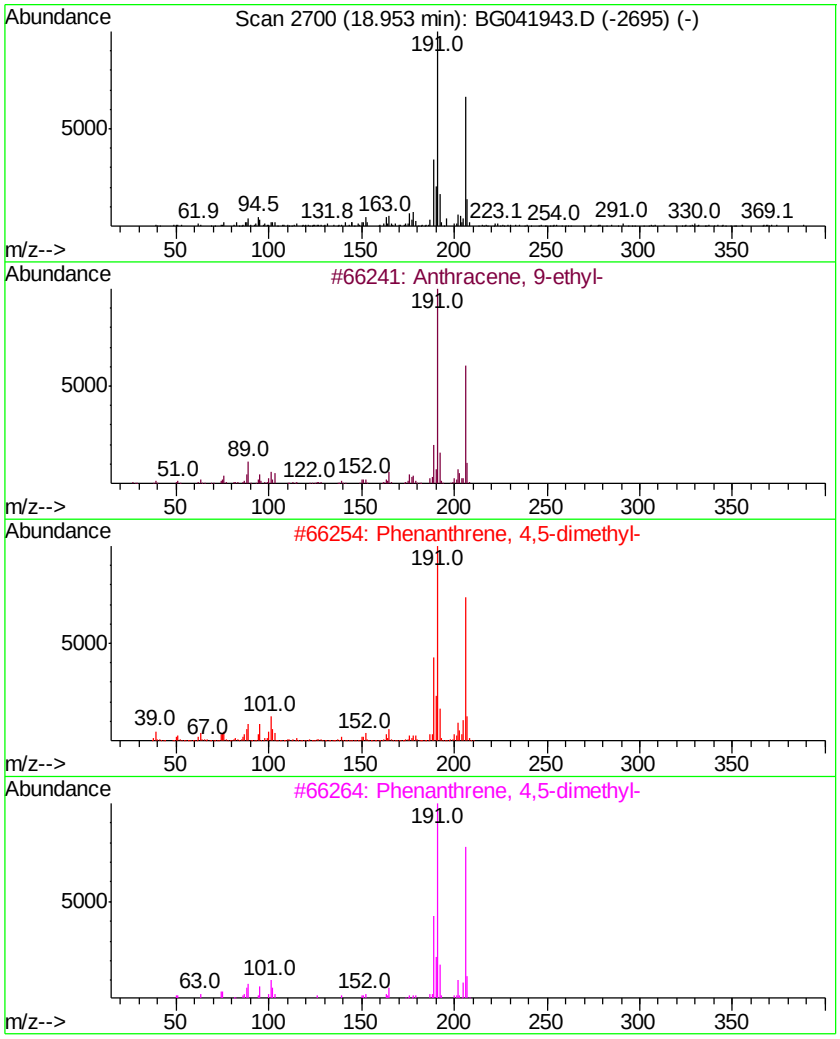
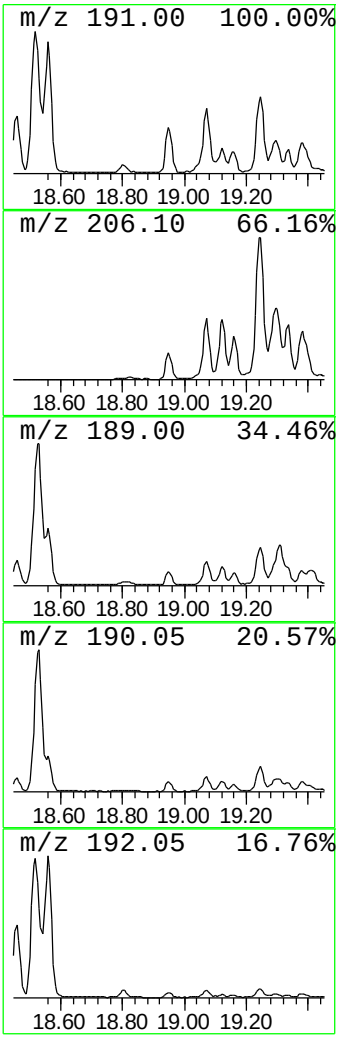
Peak Number 28 Anthracene, 9-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	3.73 ng/ul	206297	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethyl-	206	C16H14	000605-83-4	95
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91





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Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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Quant Title : SVOA CALIBRATION

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

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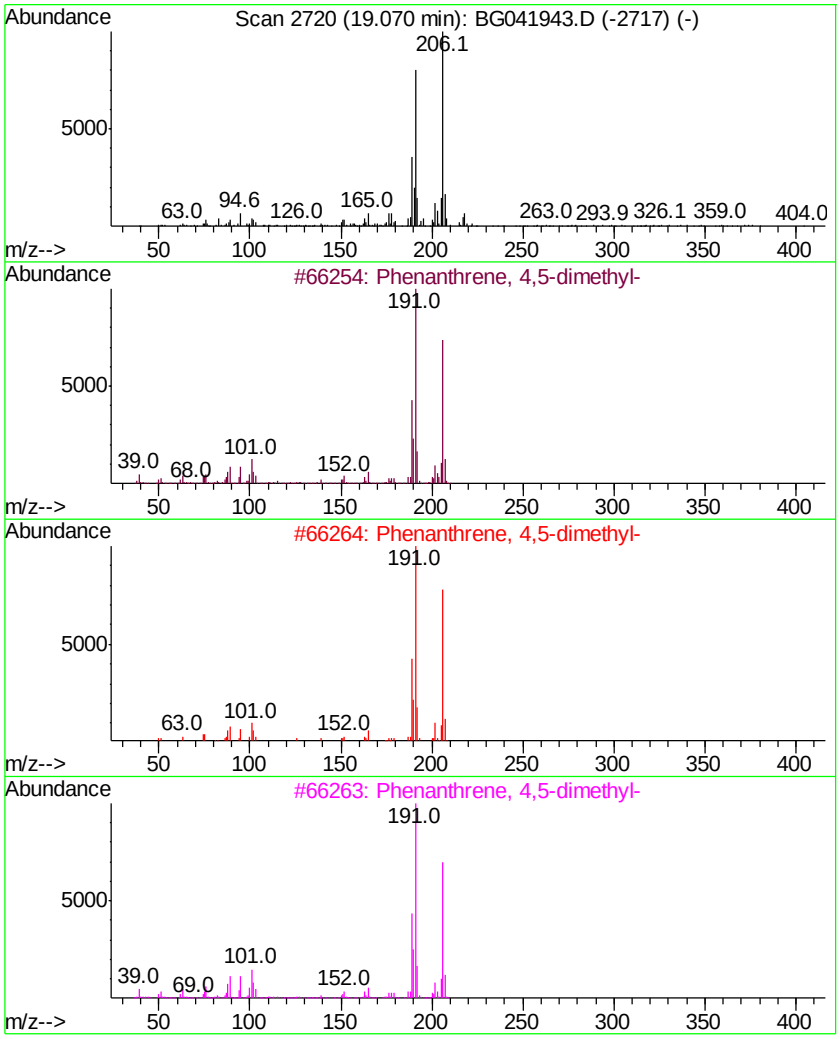
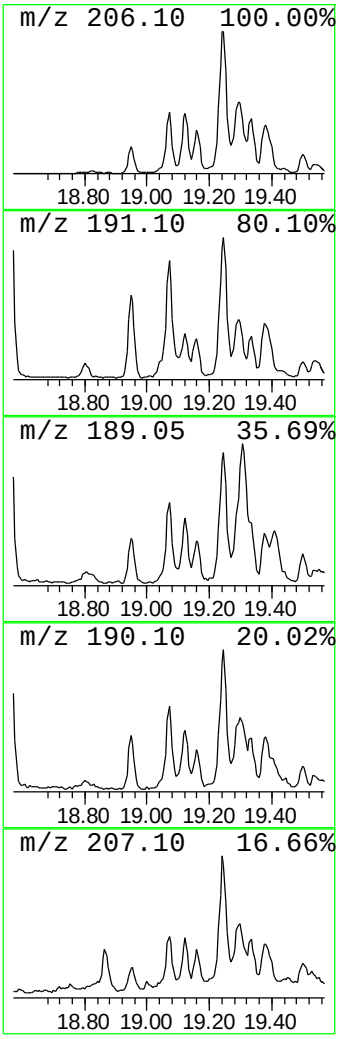
Peak Number 29 Phenanthrene, 4,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	5.04 ng/ul	278913	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
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	93
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87





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Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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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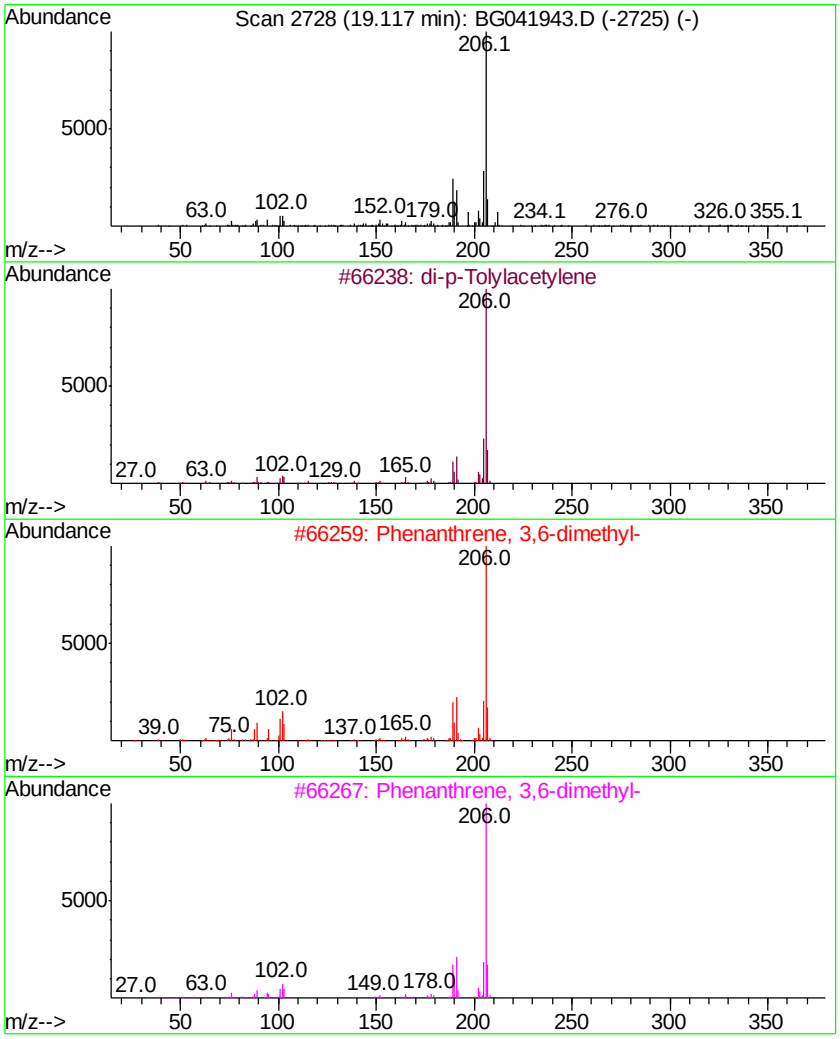
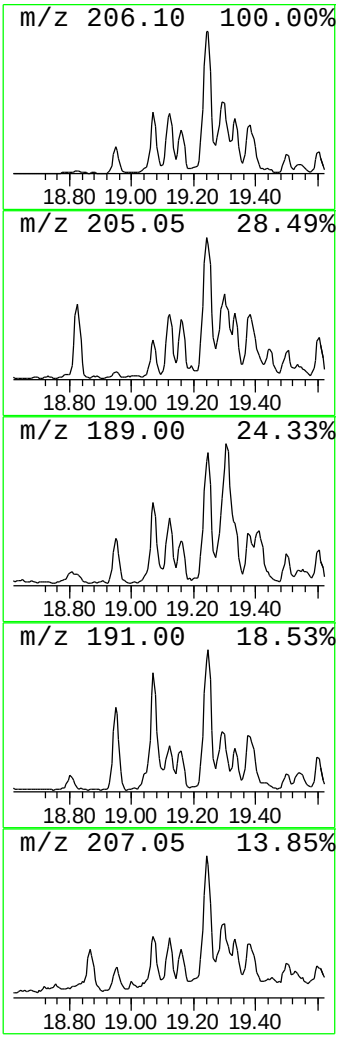
Peak Number 30 di-p-Tolylacetylene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	3.22 ng/ul	178472	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	81





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Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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

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

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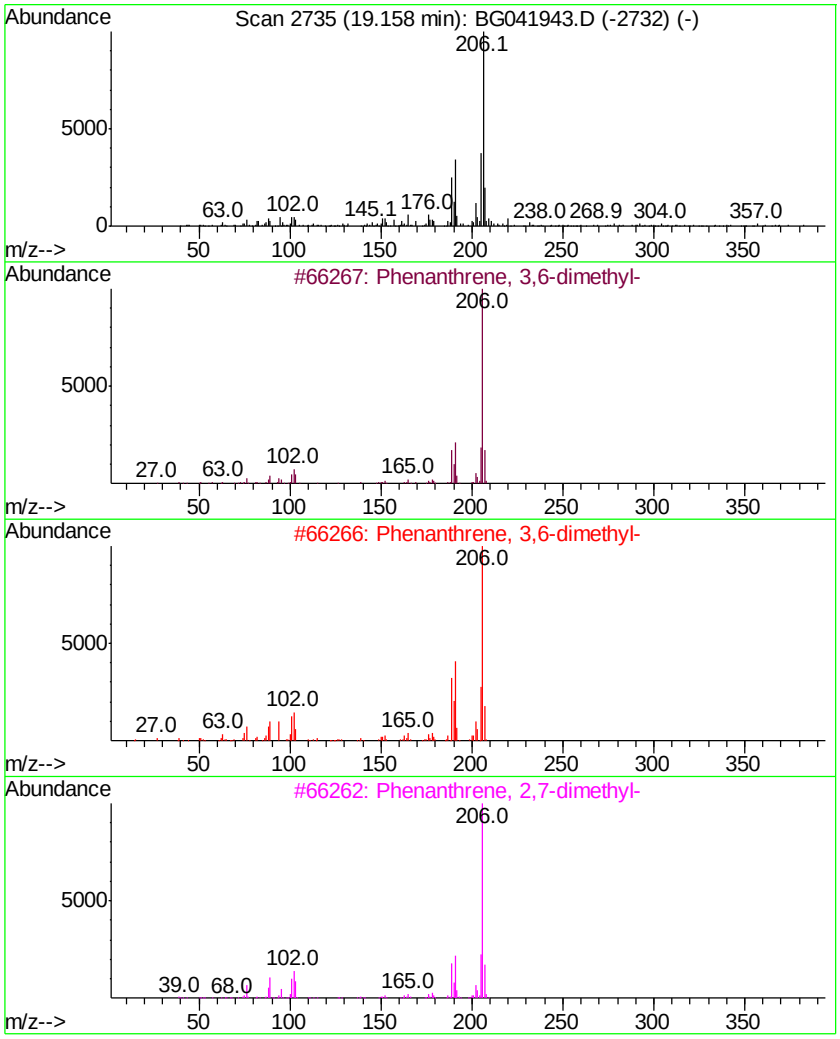
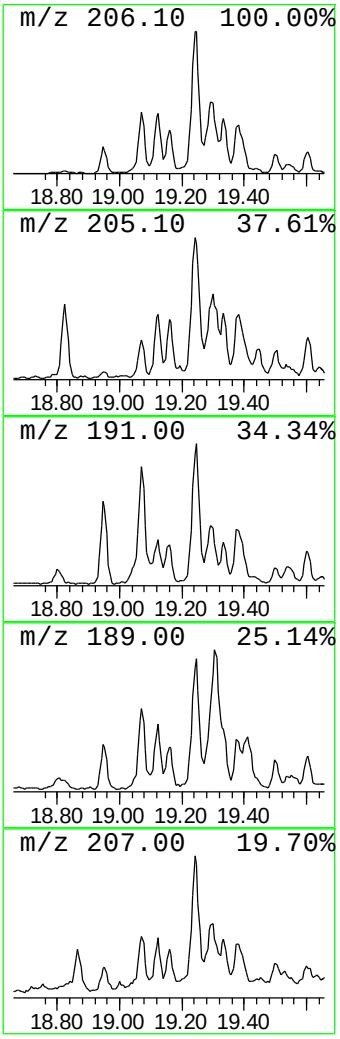
Peak Number 31 Phenanthrene, 3,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.78 ng/ul	209130	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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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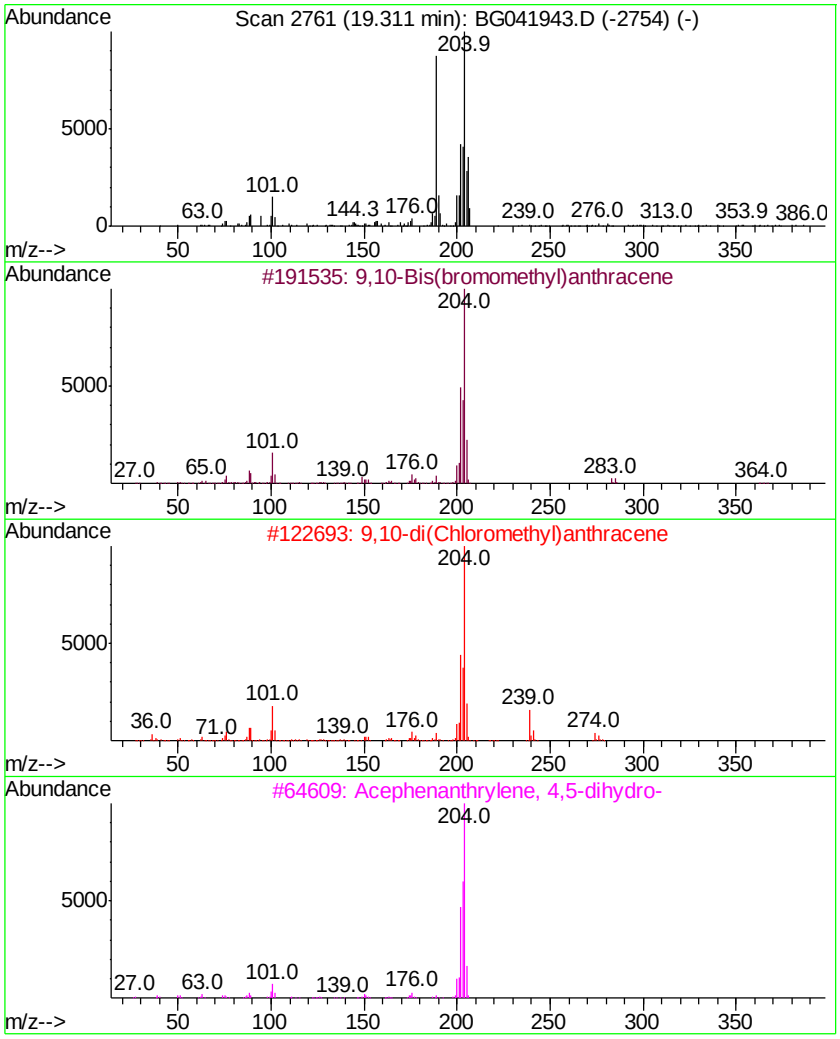
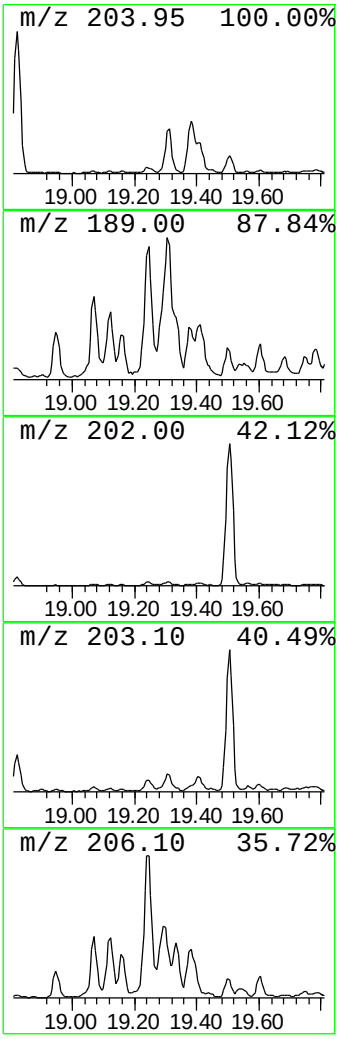
Peak Number 33 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	5.82 ng/ul	322337	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1DL

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	6.0	ng/ul	151916	1	8.04	510657	20.0
Naphthalene, 1-me...	12.74	7.0	ng/ul	257784	2	10.86	736097	20.0
Naphthalene, 2-et...	13.72	3.6	ng/ul	197577	3	14.70	1083620	20.0
Naphthalene, 2,6-...	13.87	4.4	ng/ul	238560	3	14.70	1083620	20.0
Naphthalene, 2,7-...	14.02	5.0	ng/ul	271814	3	14.70	1083620	20.0
Naphthalene, 1,7-...	14.25	2.5	ng/ul	138217	3	14.70	1083620	20.0
1-Isopropenylnaph...	15.00	3.2	ng/ul	172841	3	14.70	1083620	20.0
Naphthalene, 1,4,...	15.49	2.4	ng/ul	132279	3	14.70	1083620	20.0
Benzene, [1-(2,4-...	15.87	2.2	ng/ul	116852	3	14.70	1083620	20.0
1,1-Diphenyl-2-pr...	15.91	2.9	ng/ul	158839	3	14.70	1083620	20.0
1(2H)-Acenaphthyl...	16.42	2.8	ng/ul	156168	4	17.45	1107160	20.0
9H-Fluorene, 1-me...	16.75	5.4	ng/ul	301327	4	17.45	1107160	20.0
9H-Fluorene, 9-me...	16.90	2.2	ng/ul	121652	4	17.45	1107160	20.0
9H-Fluoren-9-one	17.10	3.0	ng/ul	163240	4	17.45	1107160	20.0
Dibenzothiophene	17.27	7.1	ng/ul	394506	4	17.45	1107160	20.0
Benzaldehyde, 2-f...	17.64	2.3	ng/ul	129256	4	17.45	1107160	20.0
Dibenzothiophene,...	18.03	6.5	ng/ul	357621	4	17.45	1107160	20.0
4-Methylnaphtho[1...	18.18	4.5	ng/ul	246527	4	17.45	1107160	20.0
Phenanthrene, 1-m...	18.33	21.0	ng/ul	1164810	4	17.45	1107160	20.0
Anthracene, 9-met...	18.38	23.8	ng/ul	1318050	4	17.45	1107160	20.0
Anthracene, 1-met...	18.52	28.7	ng/ul	1590630	4	17.45	1107160	20.0
Anthracene, 2-met...	18.56	12.3	ng/ul	678296	4	17.45	1107160	20.0
2,8-Dimethyldiben...	18.73	2.4	ng/ul	133155	4	17.45	1107160	20.0
5,16[1',2']:8,13[...	18.82	9.2	ng/ul	506900	4	17.45	1107160	20.0
9,10-Anthracenedione	18.86	9.0	ng/ul	498376	4	17.45	1107160	20.0
Anthracene, 9-ethyl-	18.95	3.7	ng/ul	206297	4	17.45	1107160	20.0
Phenanthrene, 4,5...	19.07	5.0	ng/ul	278913	4	17.45	1107160	20.0
di-p-Tolylacetylene	19.12	3.2	ng/ul	178472	4	17.45	1107160	20.0
Phenanthrene, 3,6...	19.16	3.8	ng/ul	209130	4	17.45	1107160	20.0
unknown-01	19.31	5.8	ng/ul	322337	4	17.45	1107160	20.0