LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041935.D
Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.155	7	11	33	rVB	904453	1458182	29.11%	1.940%
2	7.180	690	696	707	rBV	86390	168771	3.37%	0.225%
3	7.562	752	761	773	rBV	105036	191794	3.83%	0.255%
4	8.032	831	841	849	rBV	303415	528756	10.55%	0.703%
5	8.737	954	961	972	rBV	93772	185153	3.70%	0.246%
6	9.201	1031	1040	1049	rBV	96764	188824	3.77%	0.251%
7	9.930	1157	1164	1171	rBV	84702	153457	3.06%	0.204%
8	10.476	1250	1257	1276	rBV	117481	251735	5.02%	0.335%
9	10.858	1312	1322	1328	rBV	434904	801215	15.99%	1.066%
10	12.521	1596	1605	1615	rBV	99592	175477	3.50%	0.233%
11	12.738	1634	1642	1650	rBV	86704	150563	3.01%	0.200%
12	13.866	1826	1834	1842	rBV3	51863	135097	2.70%	0.180%
13	14.013	1853	1859	1864	rBV	98091	175825	3.51%	0.234%
14	14.090	1864	1872	1877	rVV	267174	455202	9.09%	0.606%
15	14.383	1916	1922	1935	rBV2	337106	587452	11.73%	0.782%
16	14.695	1964	1975	1980	rBV2	716257	1217894	24.31%	1.620%
17	14.759	1980	1986	1993	rVV	338197	558443	11.15%	0.743%
18	14.894	2001	2009	2020	rBV3	65746	200184	4.00%	0.266%
19	15.088	2036	2042	2049	rVV	164225	284536	5.68%	0.379%
20	15.688	2134	2144	2149	rVV	441683	692117	13.82%	0.921%
21	15.741	2149	2153	2159	rVV	288732	441021	8.80%	0.587%
22	16.034	2200	2203	2212	rVB3	74365	153346	3.06%	0.204%
23	16.416	2259	2268	2275	rVV7	67457	149889	2.99%	0.199%
24	16.745	2314	2324	2329	rBV4	92417	245941	4.91%	0.327%
25	17.098	2378	2384	2390	rVB	108647	193697	3.87%	0.258%
26	17.262	2407	2412	2421	rVB	182915	290937	5.81%	0.387%
27	17.444	2437	2443	2447	rVV2	837952	1454713	29.04%	1.935%
28	17.491	2447	2451	2456	rVV	2373052	3553748	70.94%	4.728%
29	17.544	2456	2460	2463	rVV2	467430	766108	15.29%	1.019%
30	17.580	2463	2466	2471	rVV	605998	839256	16.75%	1.117%
31	17.844	2502	2511	2516	rBV	118323	241462	4.82%	0.321%
32	18.032	2537	2543	2549	rVV	175980	279191	5.57%	0.371%
33	18.173	2562	2567	2574	rVB2	89002	174390	3.48%	0.232%
34	18.326	2586	2593	2597	rVV	640119	1092458	21.81%	1.453%

LSC Area Percent Report

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Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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	18.373	2597	2601	2608	rVB	742982	1085948	21.68%	1.445%
36	18.455	2609	2615	2619	rBV	247294	385640	7.70%	0.513%
37	18.520	2619	2626	2630	rVV2	730068	1547660	30.89%	2.059%
38	18.555	2630	2632	2639	rVB	451190	550942	11.00%	0.733%
39	18.819	2672	2677	2680	rBV2	328940	468314	9.35%	0.623%
40	18.860	2680	2684	2694	rVB2	297080	544187	10.86%	0.724%
41	18.943	2694	2698	2704	rBV	109282	184070	3.67%	0.245%
42	19.066	2716	2719	2724	rVV	235063	342423	6.84%	0.456%
43	19.119	2724	2728	2731	rVV	170915	257861	5.15%	0.343%
44	19.154	2731	2734	2738	rVB2	154345	201224	4.02%	0.268%
45	19.236	2743	2748	2753	rBV	479528	823440	16.44%	1.096%
46	19.295	2753	2758	2762	rVV3	222624	487229	9.73%	0.648%
47	19.330	2762	2764	2767	rVB	144260	146360	2.92%	0.195%
48	19.377	2767	2772	2779	rBV3	294686	583272	11.64%	0.776%
49	19.501	2787	2793	2799	rVB	3060779	4277580	85.38%	5.691%
50	19.601	2806	2810	2820	rVB4	168141	307622	6.14%	0.409%
51	19.695	2821	2826	2829	rBV4	113249	170146	3.40%	0.226%
52	19.742	2830	2834	2837	rBV2	182320	249356	4.98%	0.332%
53	19.777	2837	2840	2844	rVB3	108477	141821	2.83%	0.189%
54	19.836	2844	2850	2851	rBV3	1203517	1610436	32.15%	2.143%
55	19.865	2851	2855	2862	rVB	3049796	4899932	97.81%	6.519%
56	19.936	2862	2867	2873	rVB3	218840	419448	8.37%	0.558%
57	20.035	2879	2884	2890	rBV2	111540	207908	4.15%	0.277%
58	20.094	2890	2894	2900	rVB3	147214	256580	5.12%	0.341%
59	20.188	2903	2910	2916	rBV2	370651	932609	18.62%	1.241%
60	20.323	2927	2933	2934	rBV4	277290	436461	8.71%	0.581%
61	20.353	2934	2938	2943	rVB	636157	950567	18.97%	1.265%
62	20.453	2947	2955	2959	rBV	474127	753194	15.03%	1.002%
63	20.511	2959	2965	2969	rBV2	559002	885588	17.68%	1.178%
64	20.547	2969	2971	2976	rVV2	183889	246096	4.91%	0.327%
65	20.594	2976	2979	2983	rVB2	116872	148846	2.97%	0.198%
66	20.652	2984	2989	2992	rBV	444902	593635	11.85%	0.790%
67	20.694	2992	2996	3000	rVB	388838	542330	10.83%	0.722%
68	20.811	3012	3016	3021	rVB3	118688	187228	3.74%	0.249%
69	21.081	3057	3062	3064	rVV4	93526	168286	3.36%	0.224%
70	21.117	3064	3068	3075	rVB	334462	596668	11.91%	0.794%
71	21.305	3092	3100	3104	rBV3	439441	957252	19.11%	1.274%

LSC Area Percent Report

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Data File : BG041935.D
Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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	21.346	3104	3107	3111	rVV	372620	575162	11.48%	0.765%
73	21.393	3111	3115	3120	rVV2	326385	693803	13.85%	0.923%
74	21.451	3121	3125	3134	rVB2	281558	594616	11.87%	0.791%
75	21.716	3163	3170	3177	rBV2	2017927	5009835	100.00%	6.665%
76	21.781	3177	3181	3194	rVB	1765308	3022352	60.33%	4.021%
77	21.886	3195	3199	3203	rBV2	122907	181852	3.63%	0.242%
78	21.939	3203	3208	3213	rBV2	337476	584018	11.66%	0.777%
79	21.998	3213	3218	3222	rBV3	115119	255864	5.11%	0.340%
80	22.139	3238	3242	3250	rBV2	121020	256752	5.12%	0.342%
81	22.209	3250	3254	3260	rVB3	116134	205781	4.11%	0.274%
82	22.397	3282	3286	3290	rBV	130738	209630	4.18%	0.279%
83	22.474	3290	3299	3305	rVV	445278	997604	19.91%	1.327%
84	22.550	3307	3312	3320	rVB2	362839	708393	14.14%	0.942%
85	22.638	3323	3327	3331	rVB2	92104	155735	3.11%	0.207%
86	22.750	3341	3346	3350	rBV	198520	373855	7.46%	0.497%
87	22.797	3350	3354	3362	rVB4	211889	428574	8.55%	0.570%
88	22.897	3364	3371	3379	rVB2	164555	411043	8.20%	0.547%
89	23.273	3431	3435	3441	rVB2	182737	340333	6.79%	0.453%
90	23.972	3544	3554	3561	rBV3	843102	3015311	60.19%	4.012%
91	24.101	3571	3576	3582	rVB	234064	410101	8.19%	0.546%
92	24.225	3592	3597	3607	rVB	174076	441558	8.81%	0.587%
93	24.706	3670	3679	3686	rBV	577194	1621664	32.37%	2.158%
94	24.783	3687	3692	3696	rVV	257914	634315	12.66%	0.844%
95	24.853	3696	3704	3718	rVB	899276	2558144	51.06%	3.403%
96	25.006	3721	3730	3737	rVV2	561848	1632387	32.58%	2.172%
97	25.077	3737	3742	3759	rVB2	353584	1145724	22.87%	1.524%
98	26.246	3935	3941	3950	rVB2	145619	401021	8.00%	0.534%
99	28.749	4356	4367	4386	rVB2	275455	1385648	27.66%	1.844%
100	29.900	4554	4563	4581	rVB3	198671	927001	18.50%	1.233%

Sum of corrected areas: 75163069

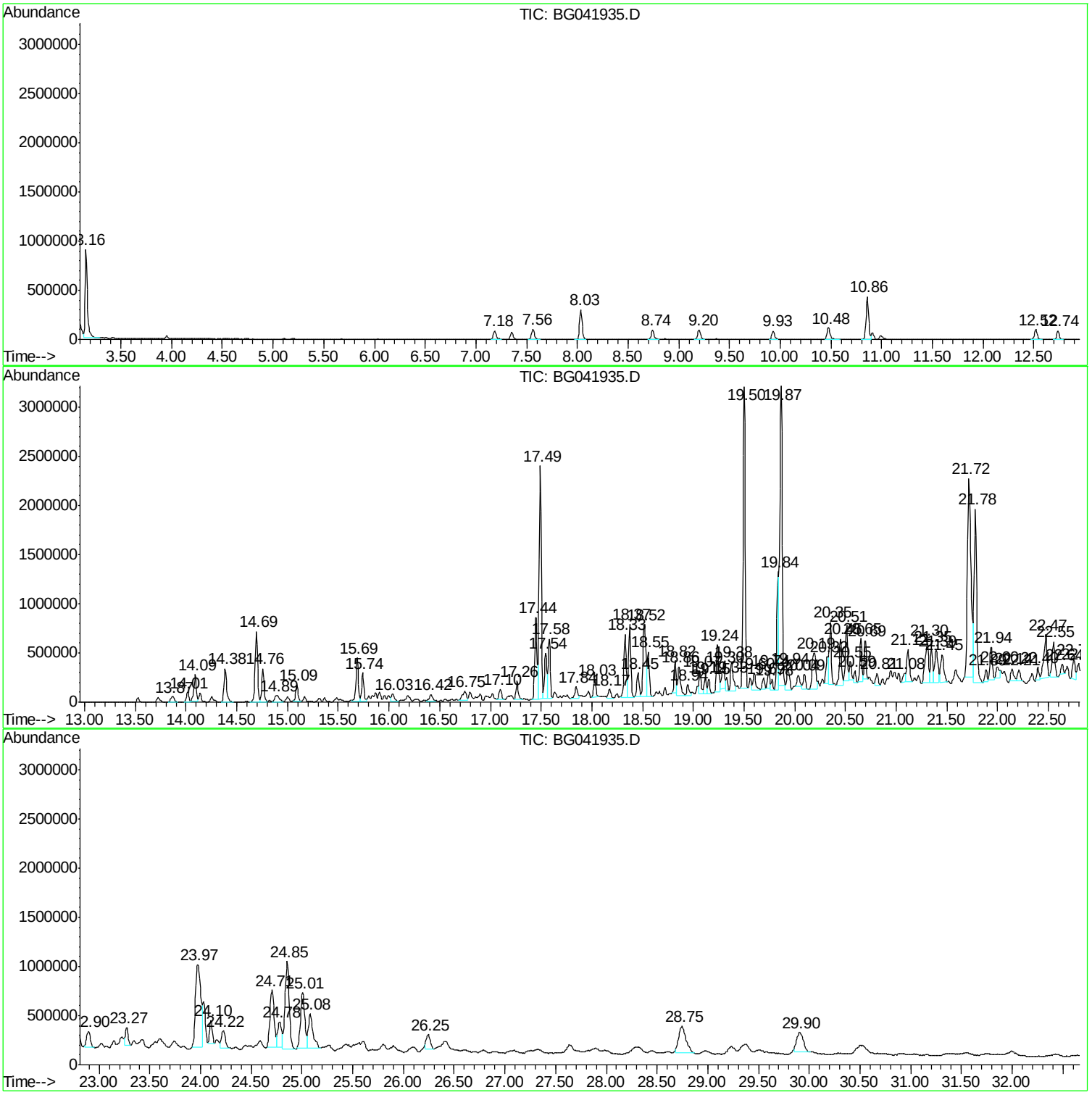
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041935.D
Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041935.D
Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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

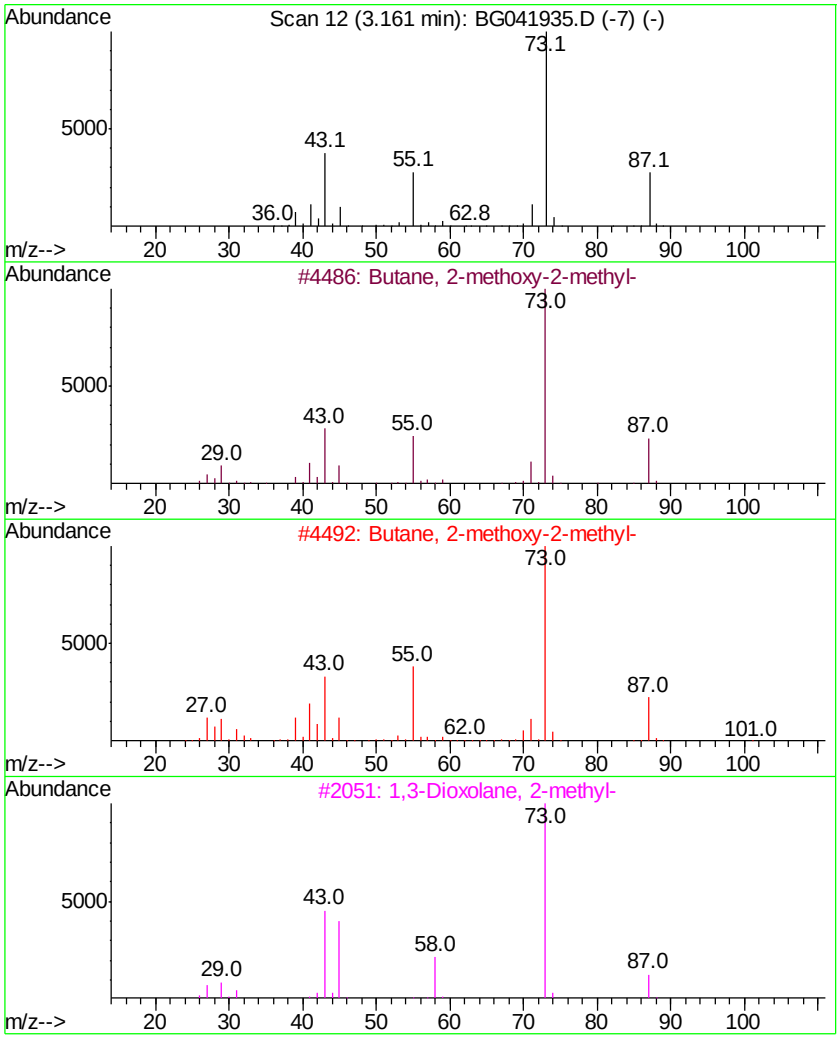
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

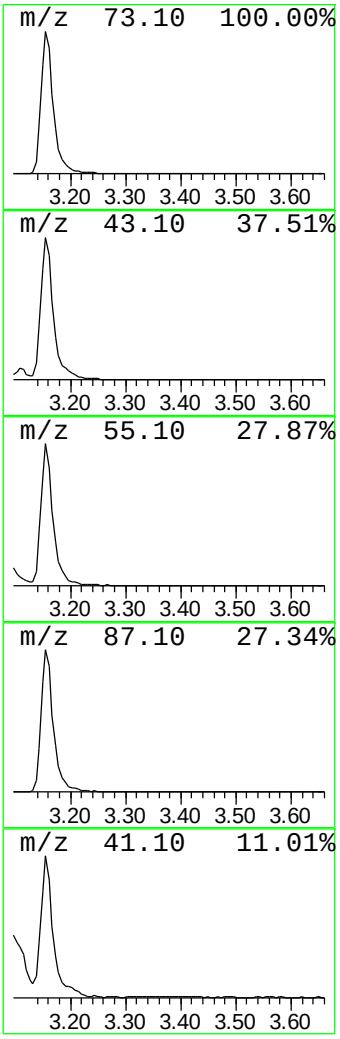
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	55.16 ng/ul	1458180	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041935.D
Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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

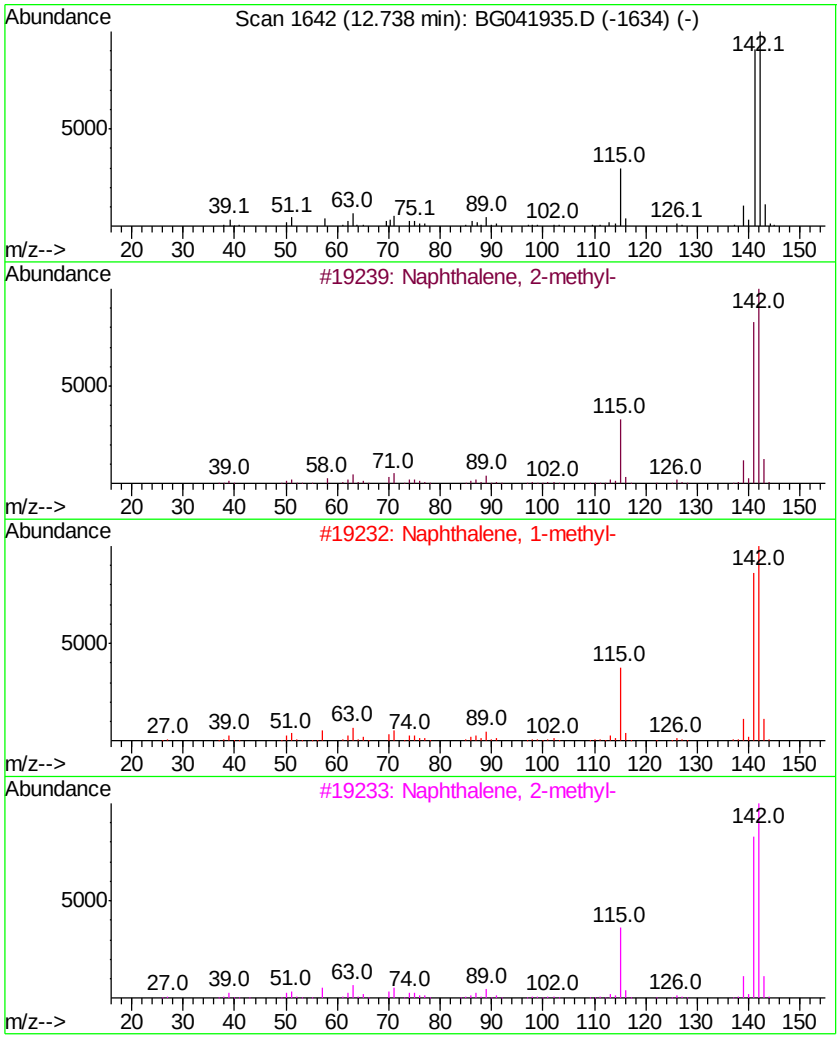
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

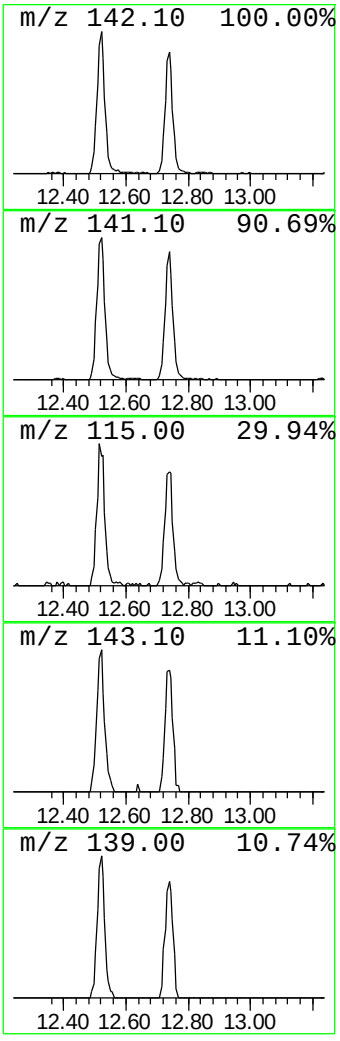
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	3.76 ng/ul	150563	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
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 : BG041935.D
Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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

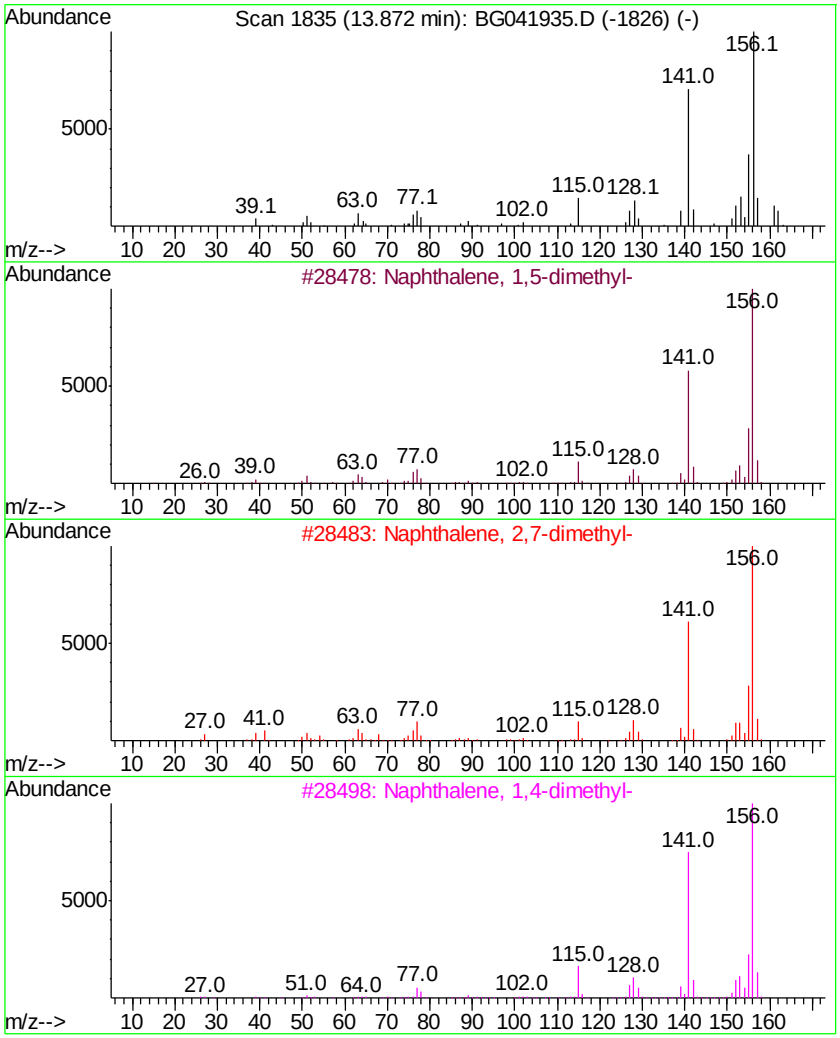
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

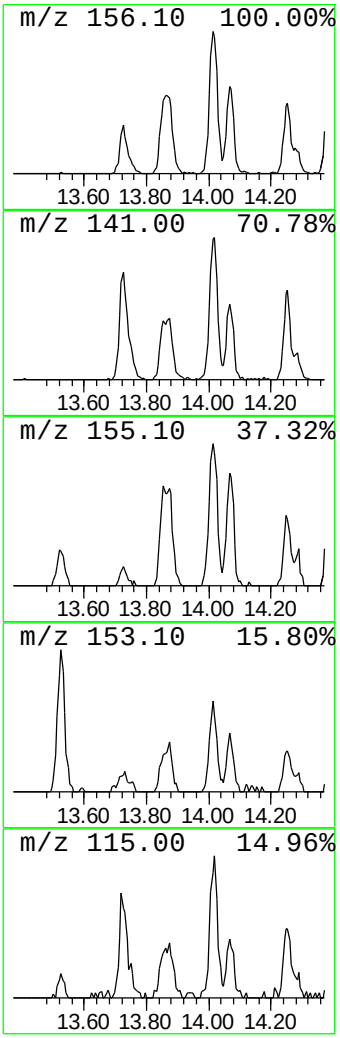
****

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.22 ng/ul	135097	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041935.D
Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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

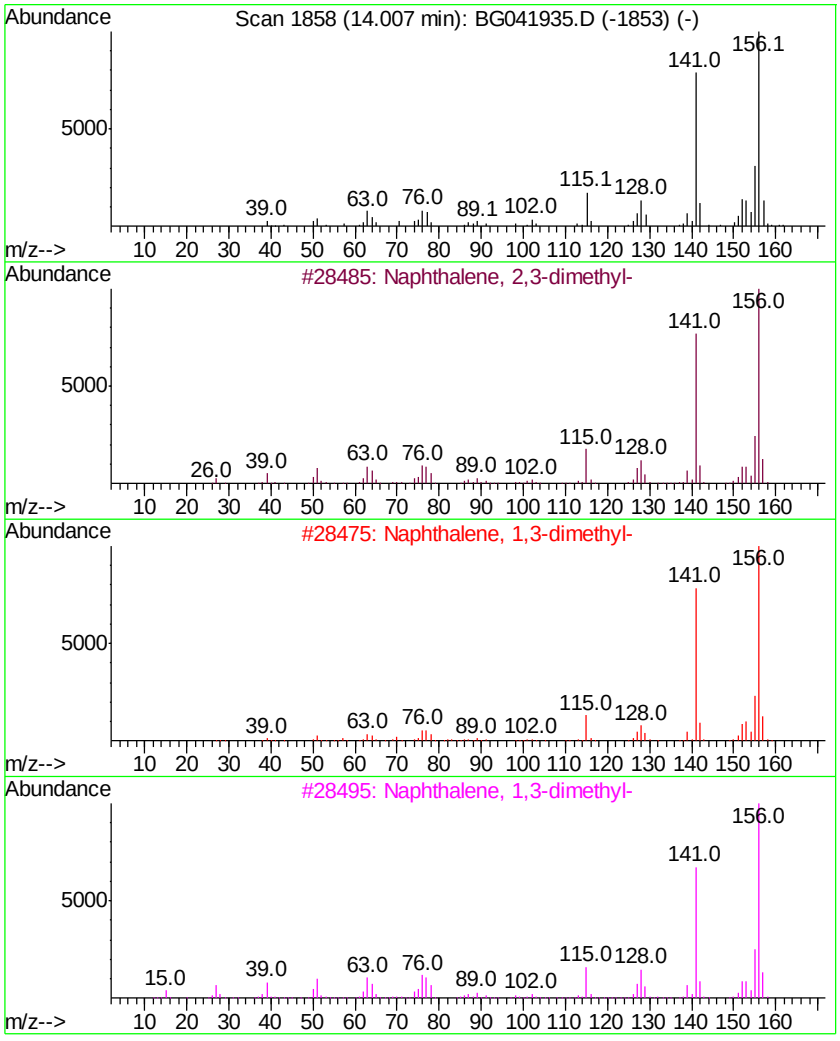
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

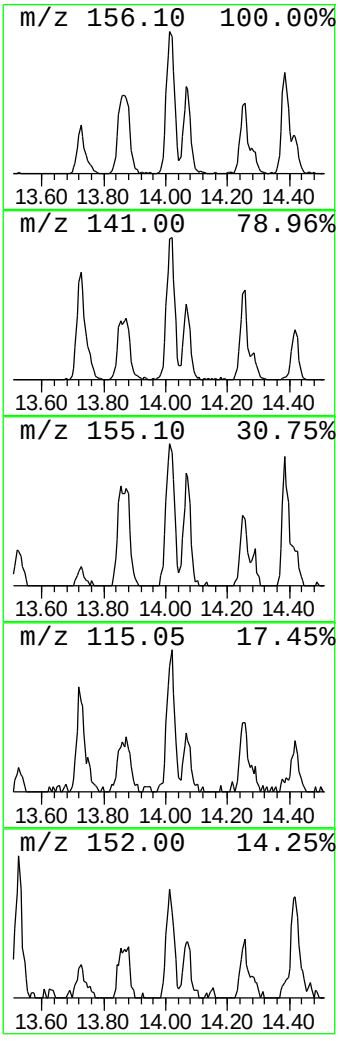
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.89 ng/ul	175825	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041935.D
Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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

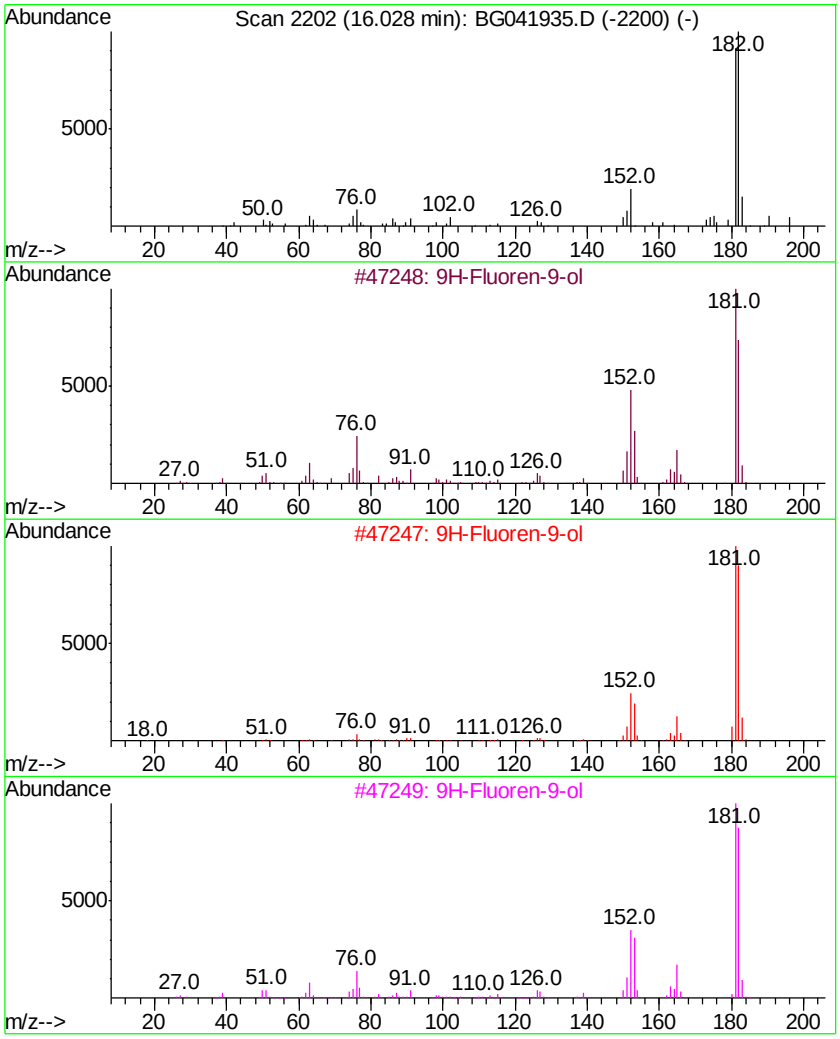
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

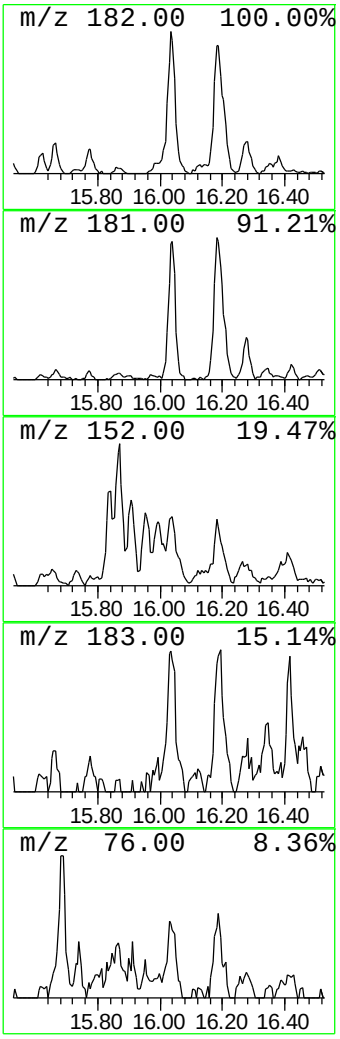
****

Peak Number 5 9H-Fluoren-9-ol Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.52 ng/ul	153346	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72





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Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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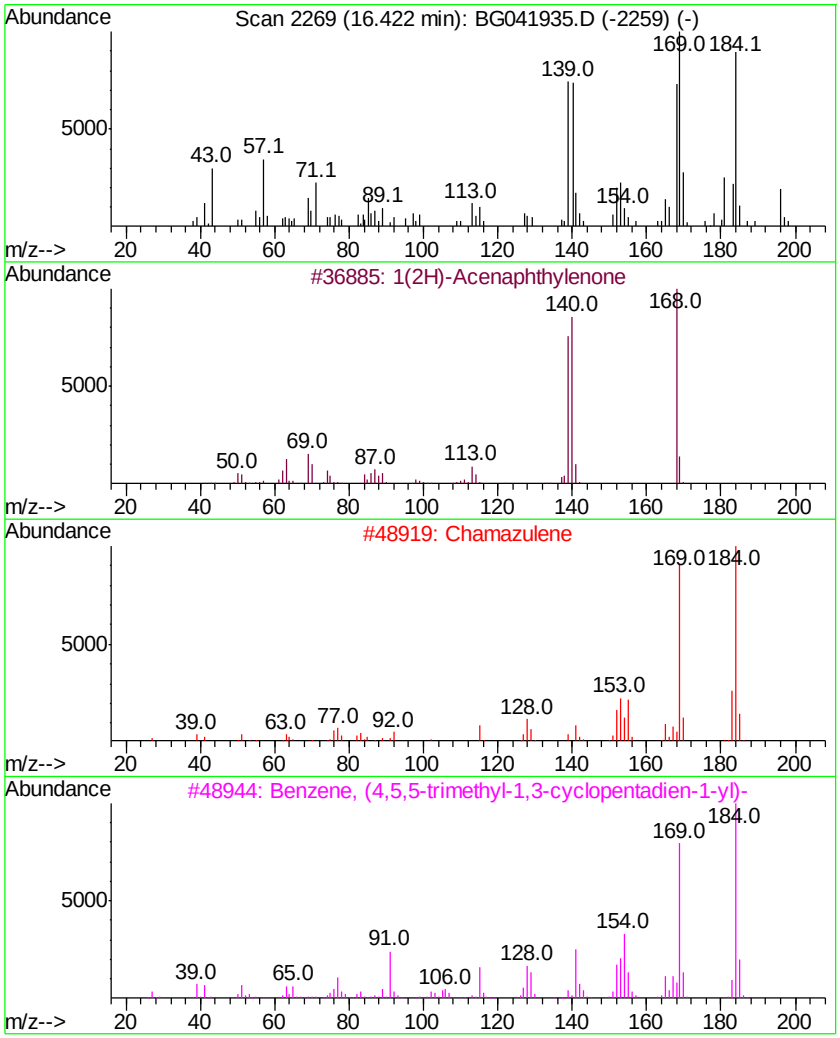
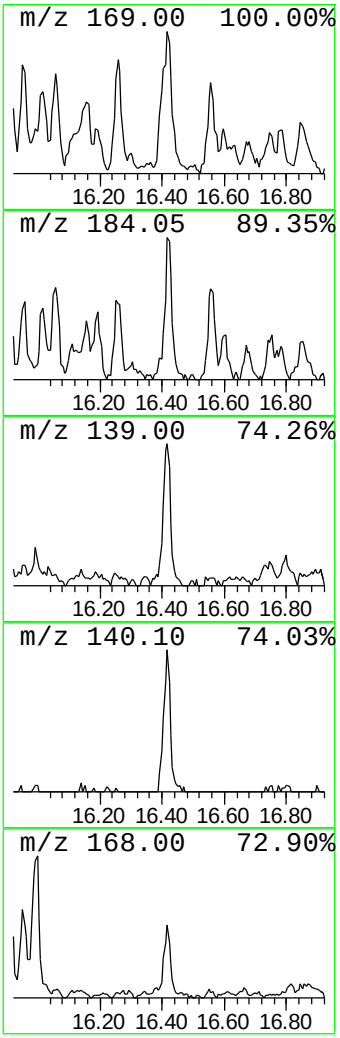
Peak Number 6 1(2H)-Acenaphthylenone Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.06 ng/ul	149889	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50
2	Chamazulene	184	C14H16	000529-05-5	41
3	Benzene, (4,5,5-trimethyl-1,3-cv...	184	C14H16	033930-85-7	38
4	2-Chloro-4,6-dimethylnicotinamide	184	C8H9ClN2O	140413-44-1	38
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	30





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Sample : K3850-01DL 2X
Misc :
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Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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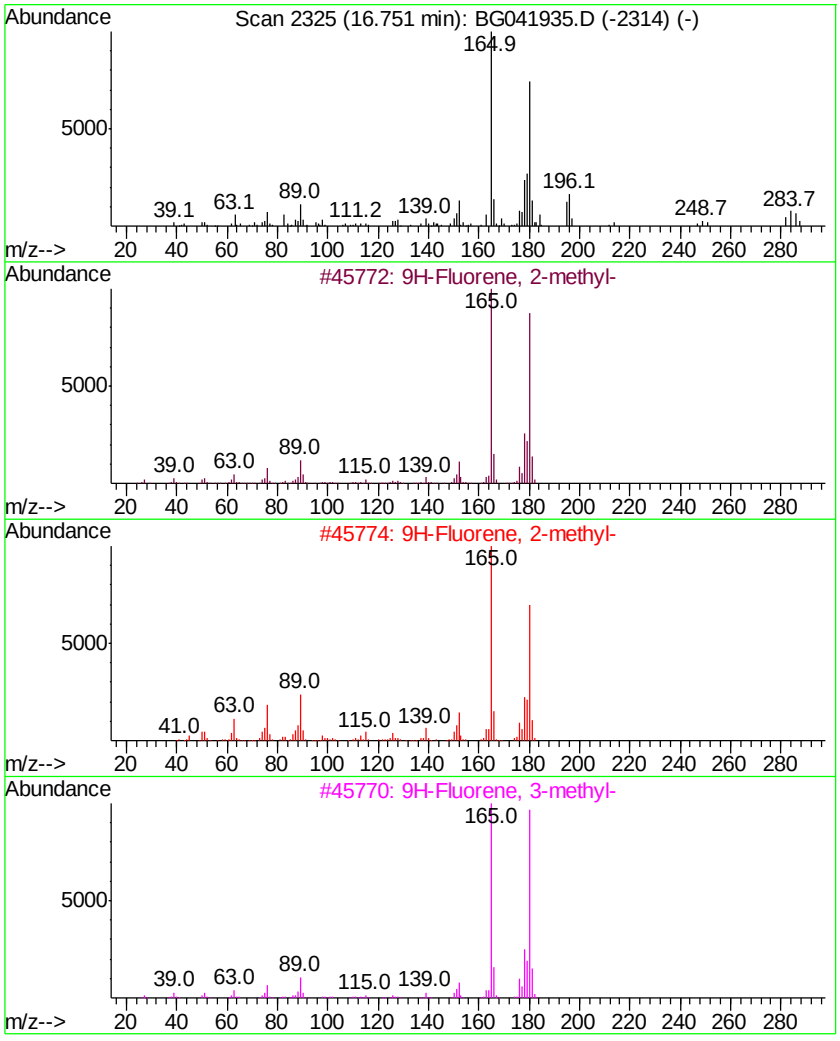
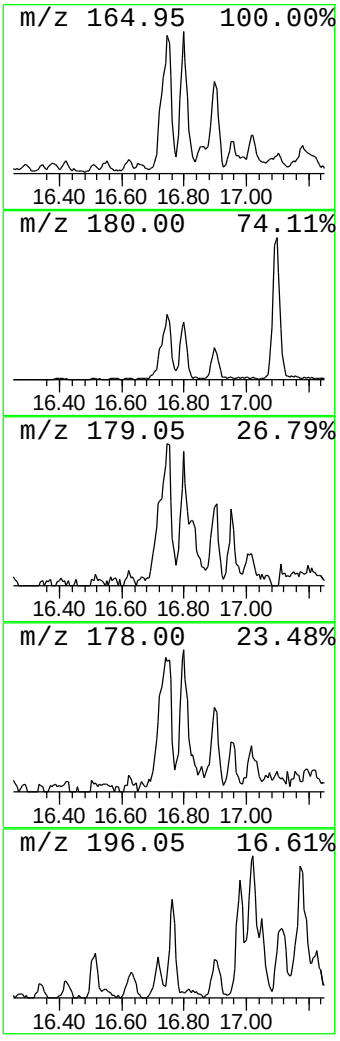
Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	3.38 ng/ul	245941	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	98
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95





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Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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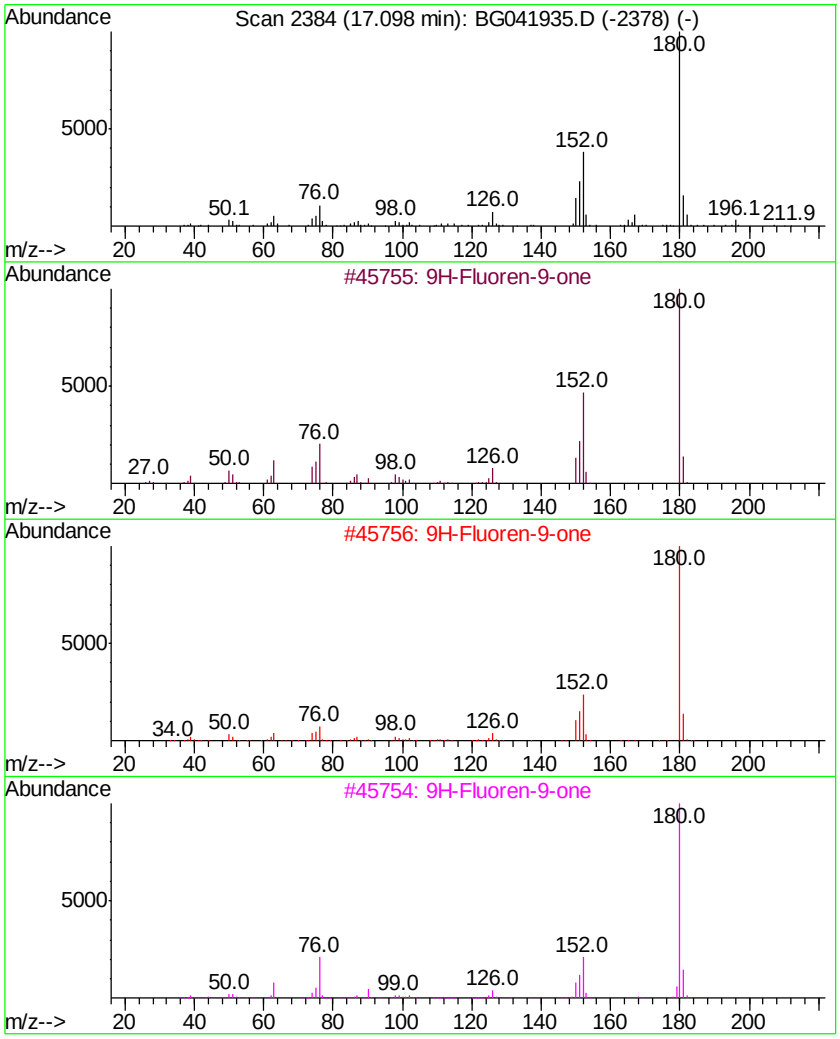
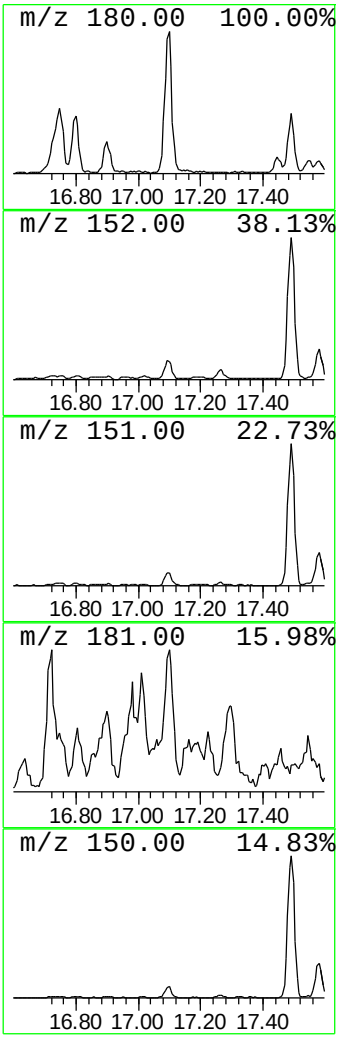
Peak Number 8 9H-Fluoren-9-one Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	2.66 ng/ul	193697	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	53





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Misc :
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Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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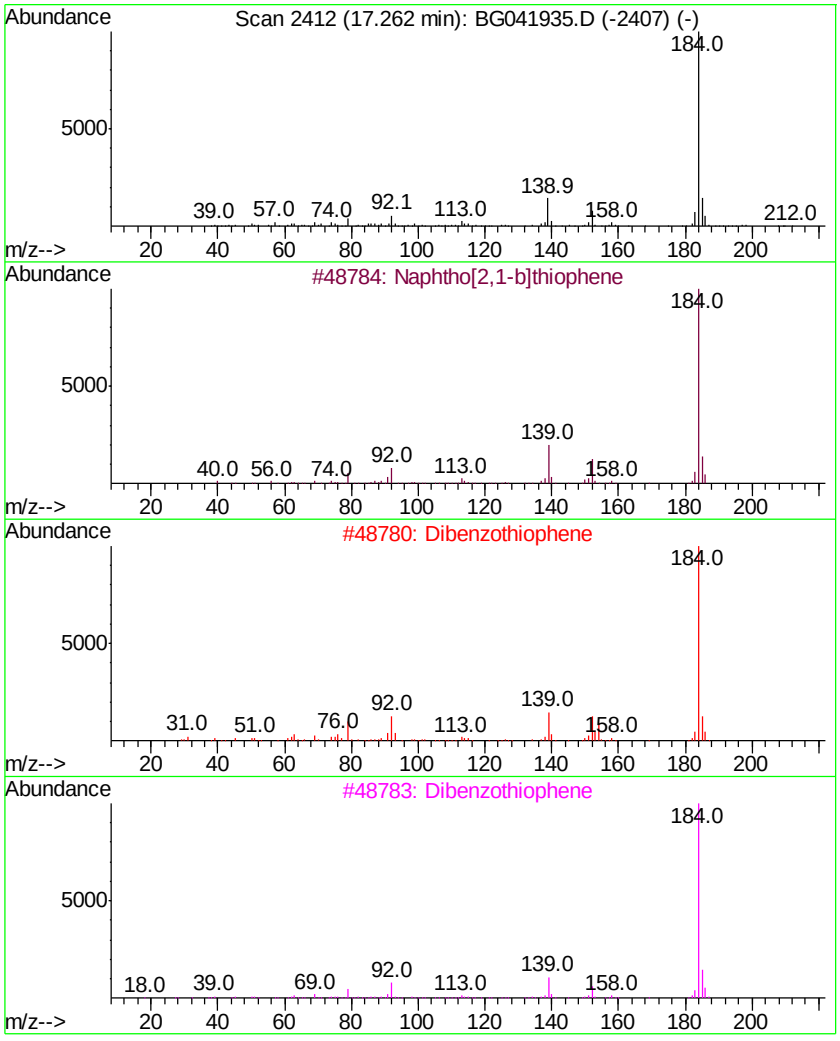
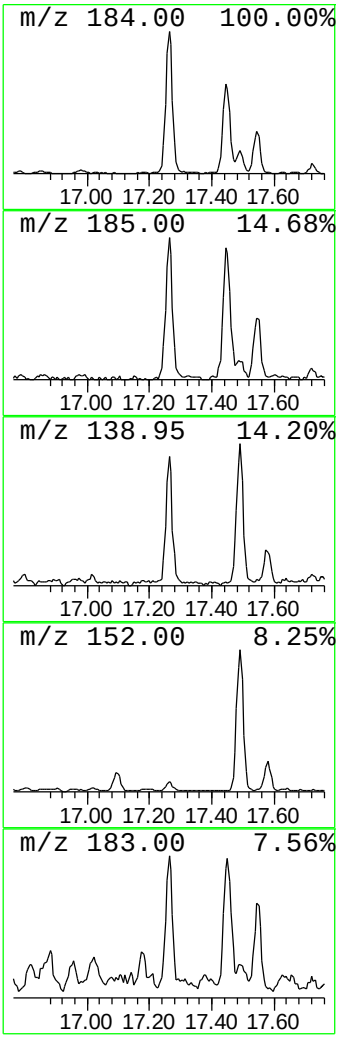
Peak Number 9 Naphtho[2,1-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	4.00 ng/ul	290937	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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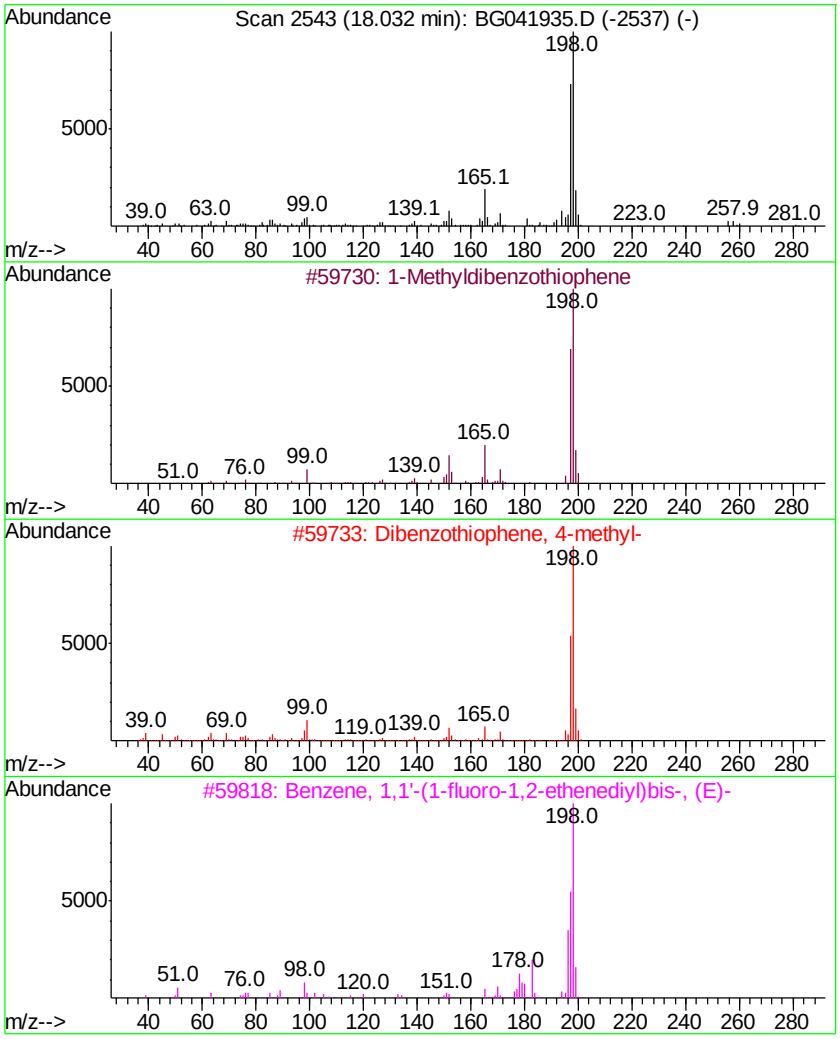
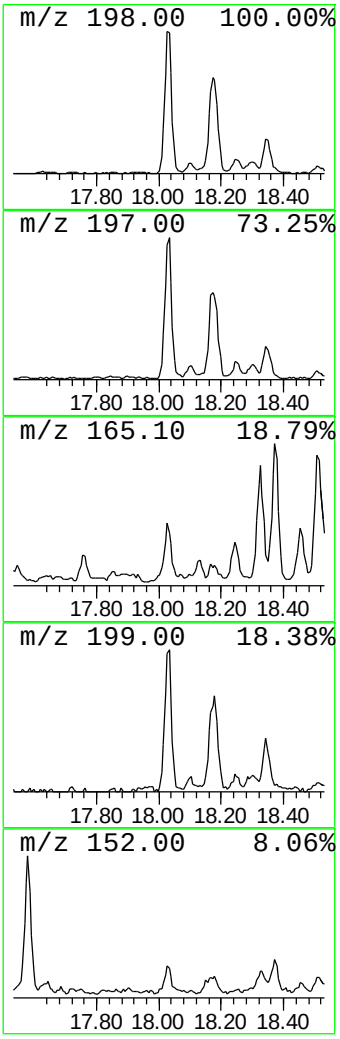
Peak Number 10 1-Methyldibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	3.84 ng/ul	279191	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
3	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72





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Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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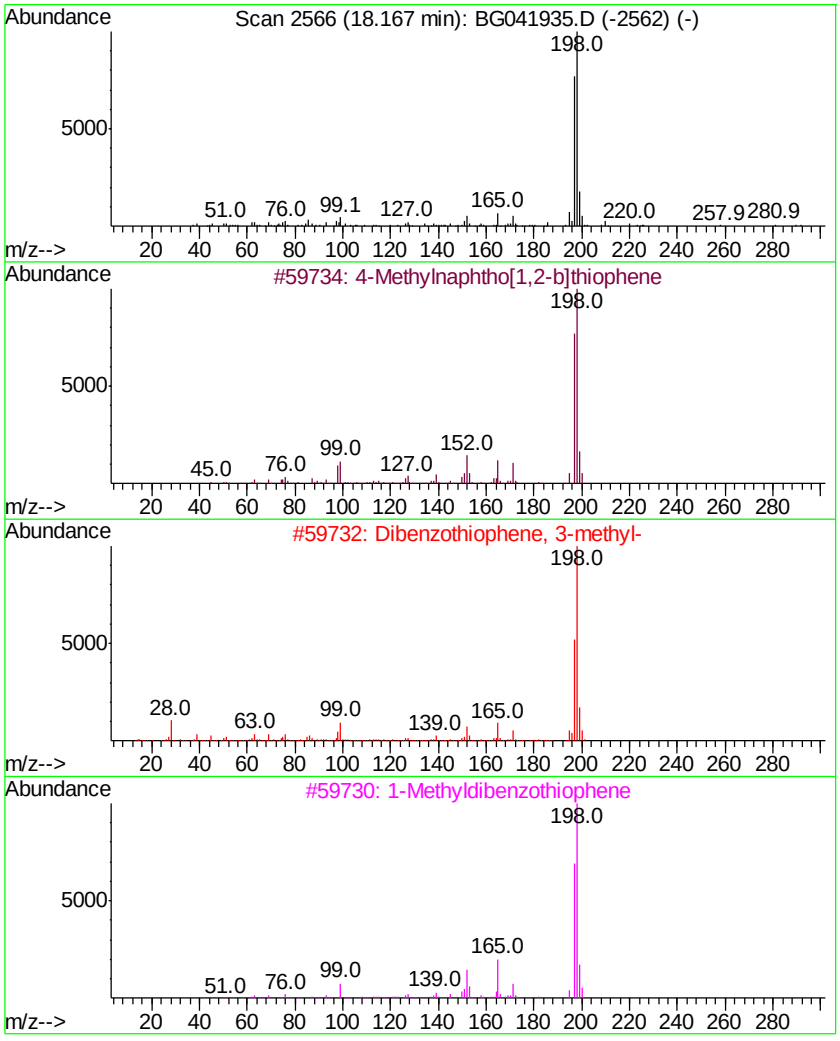
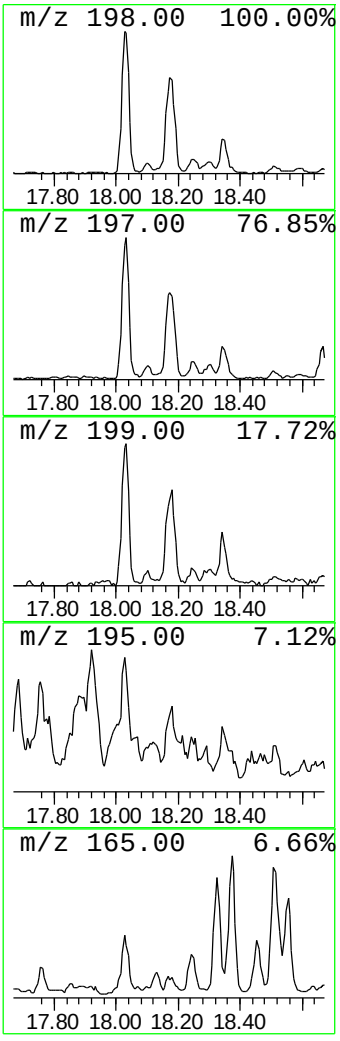
Peak Number 11 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.40 ng/ul	174390	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	90
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	86
5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	86





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Misc :
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Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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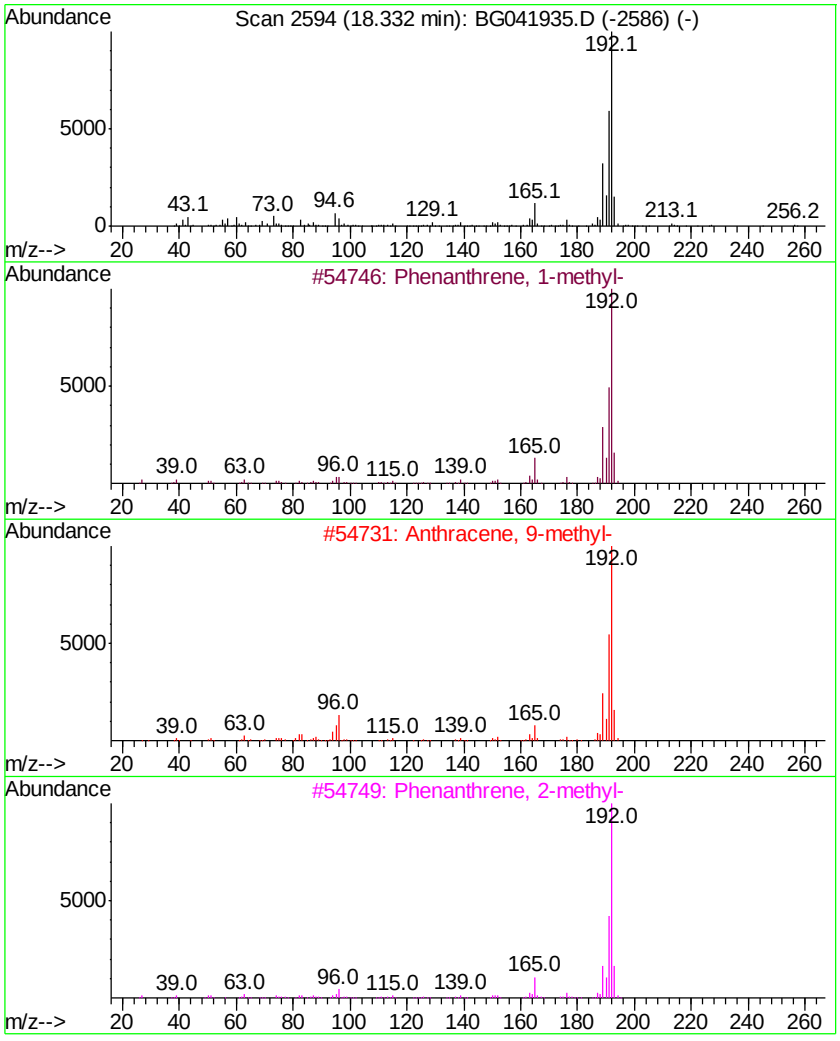
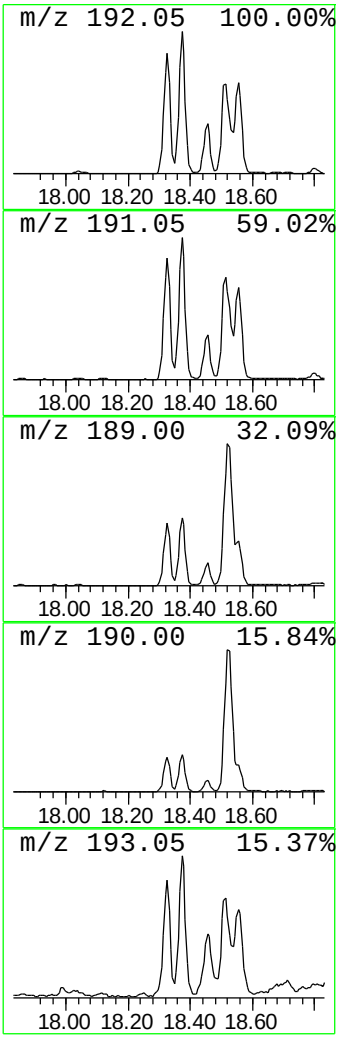
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	15.02 ng/ul	1092460	Phenanthrene-d10	17.44

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





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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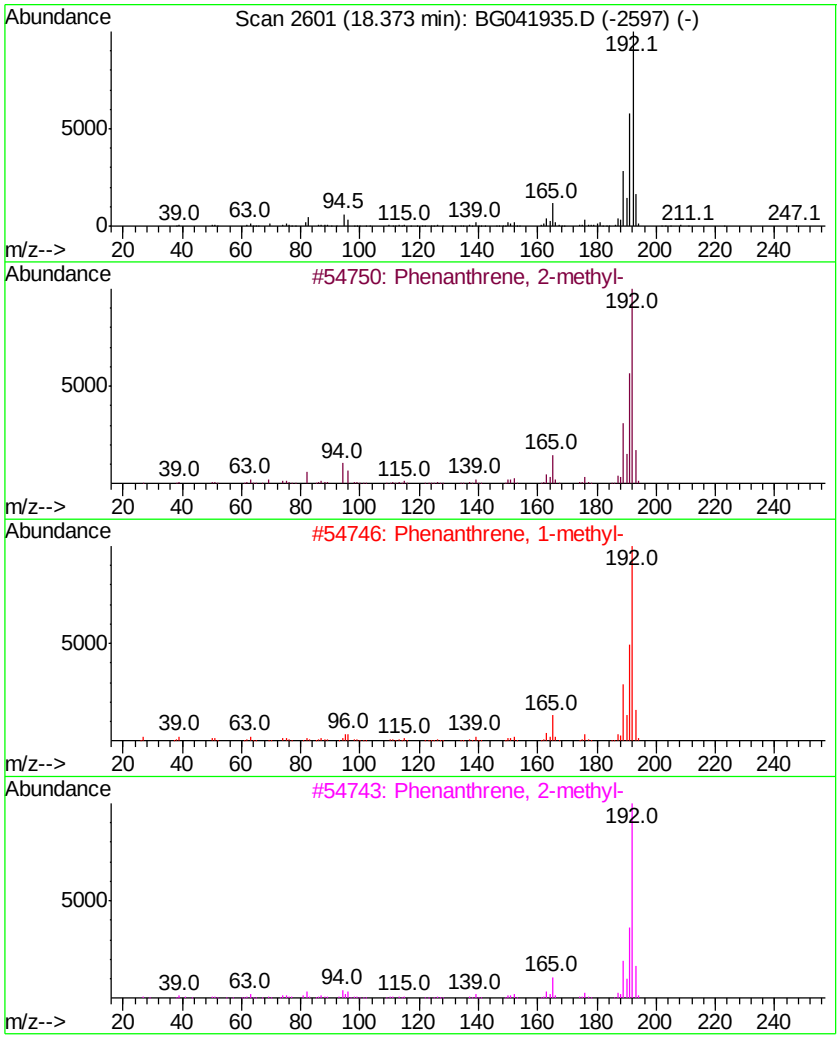
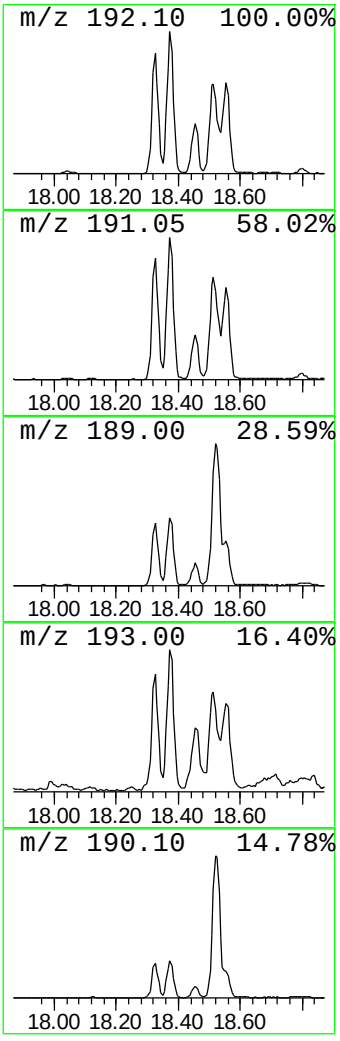
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	14.93 ng/ul	1085950	Phenanthrene-d10	17.44

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





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Quant Title : SVOA CALIBRATION

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

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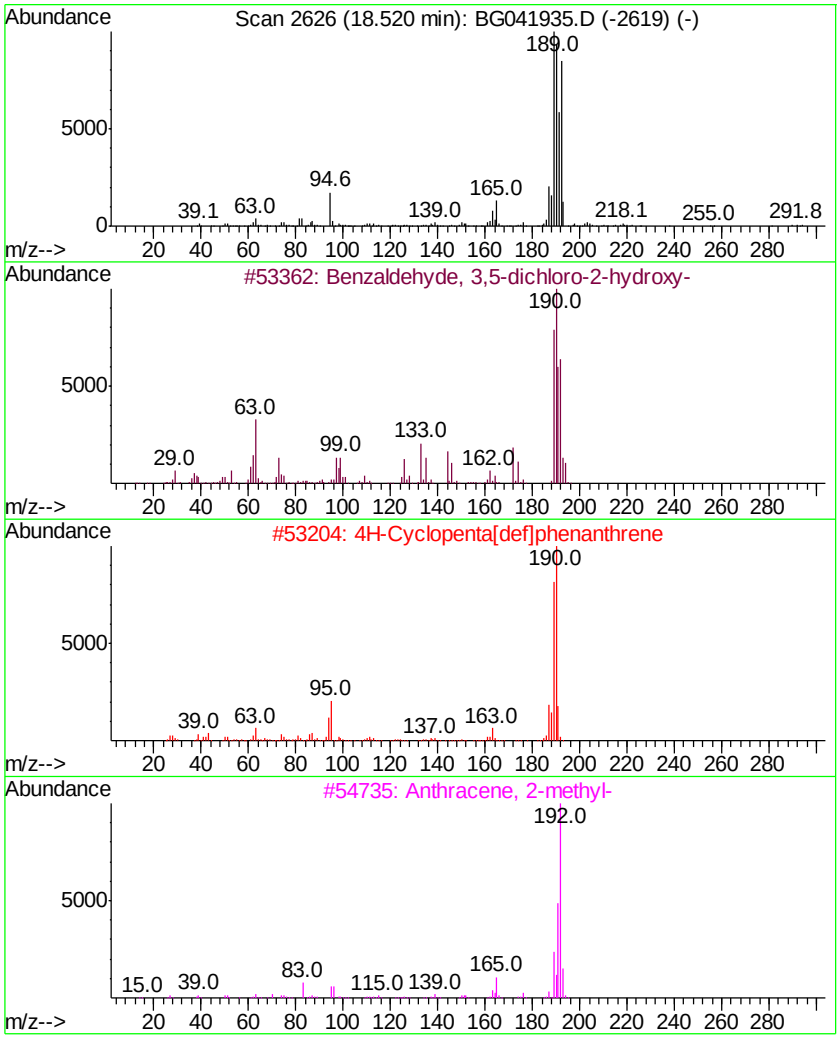
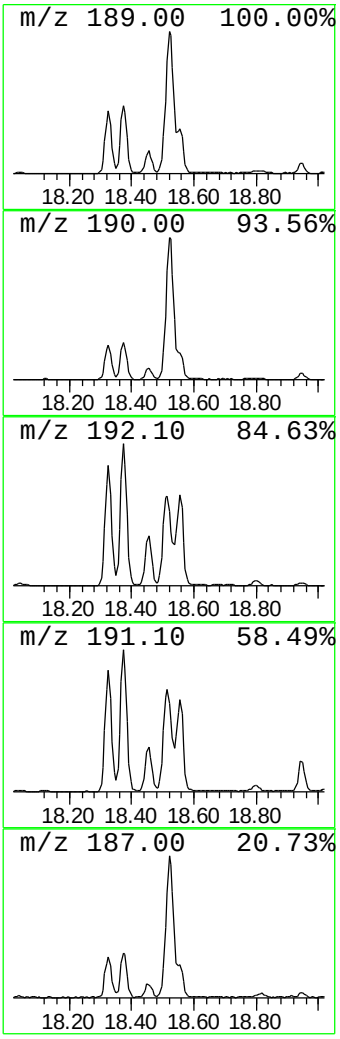
Peak Number 15 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	21.28 ng/ul	1547660	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	41
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	41
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	38





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Quant Title : SVOA CALIBRATION

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

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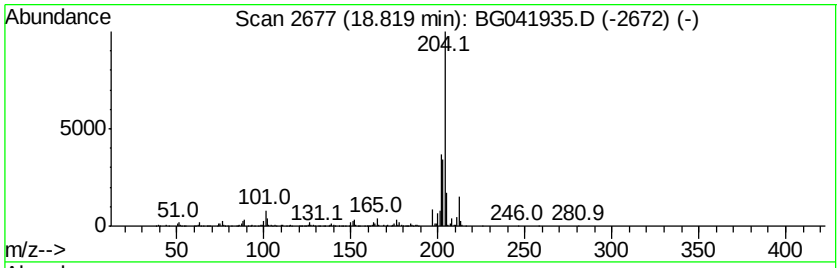
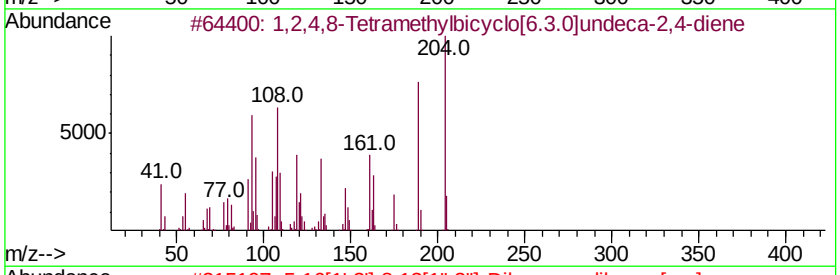
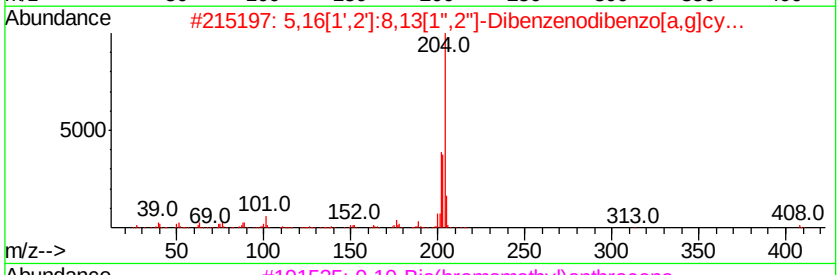
Peak Number 17 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 12

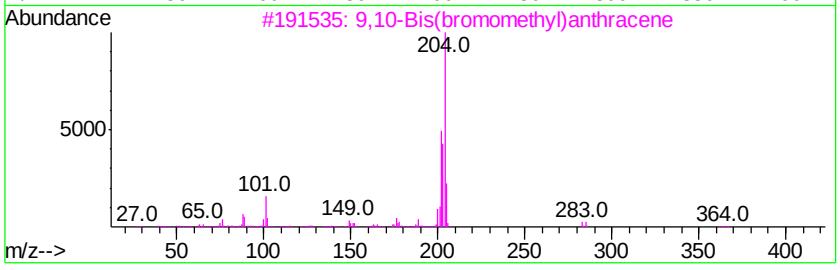
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	6.44 ng/ul	468314	Phenanthrene-d10	17.44

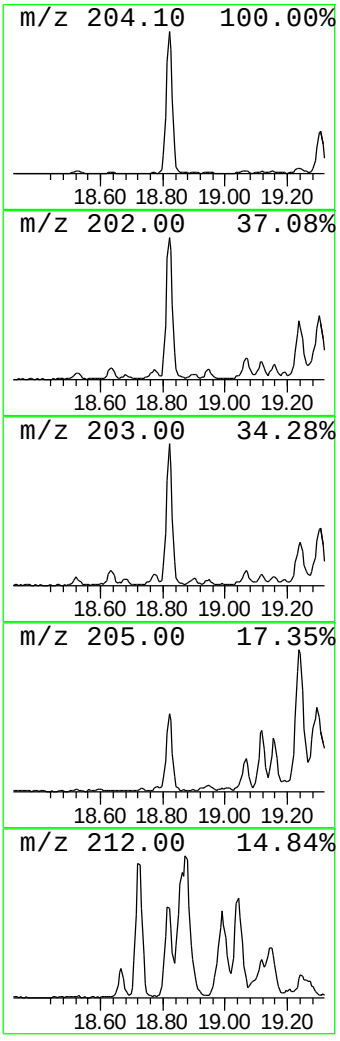
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	72
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70











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Sample : K3850-01DL 2X
Misc :
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Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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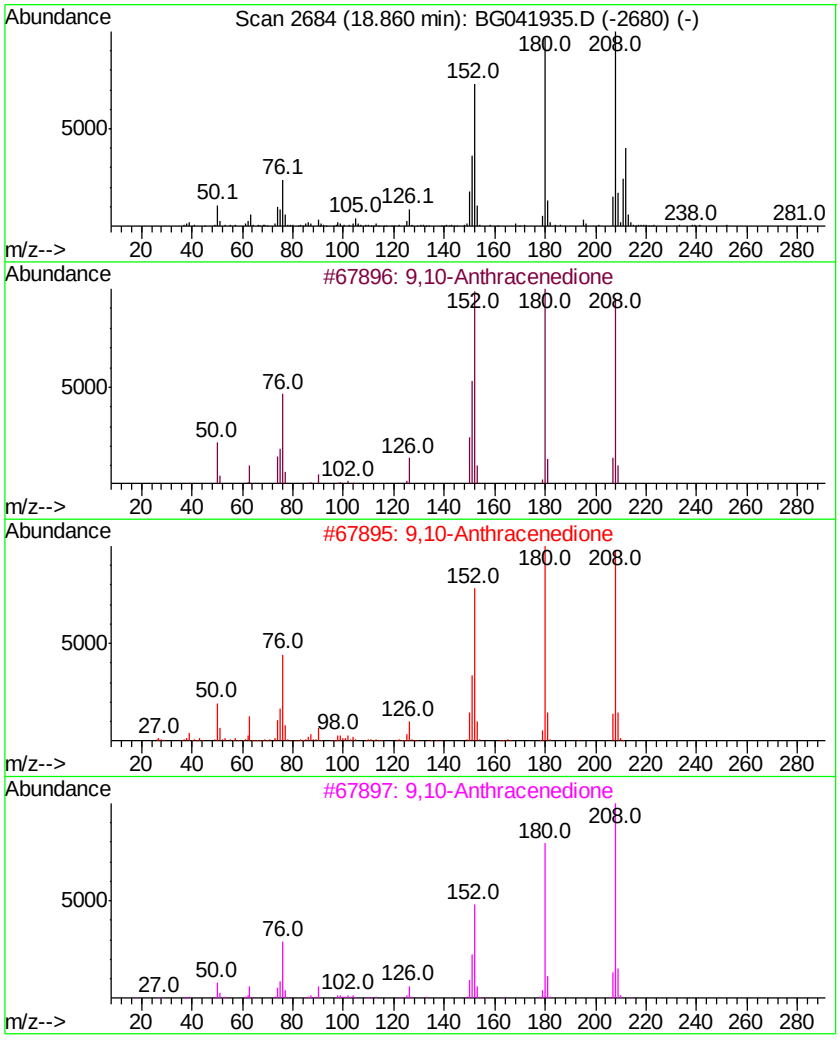
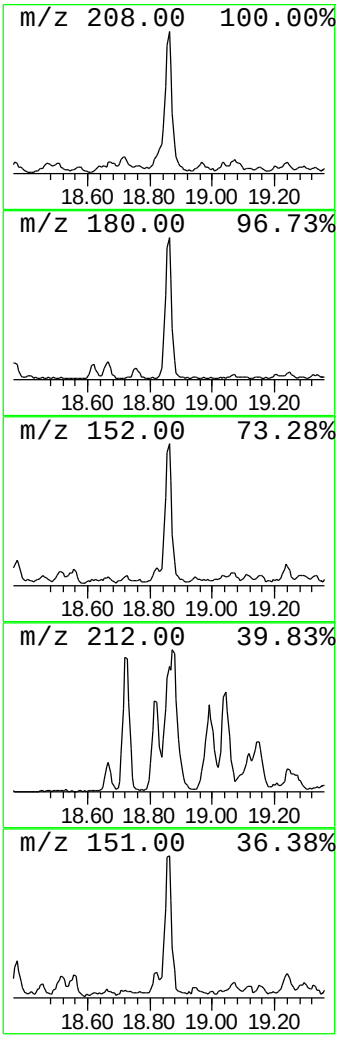
Peak Number 18 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	7.48 ng/ul	544187	Phenanthrene-d10	17.44

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	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55





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Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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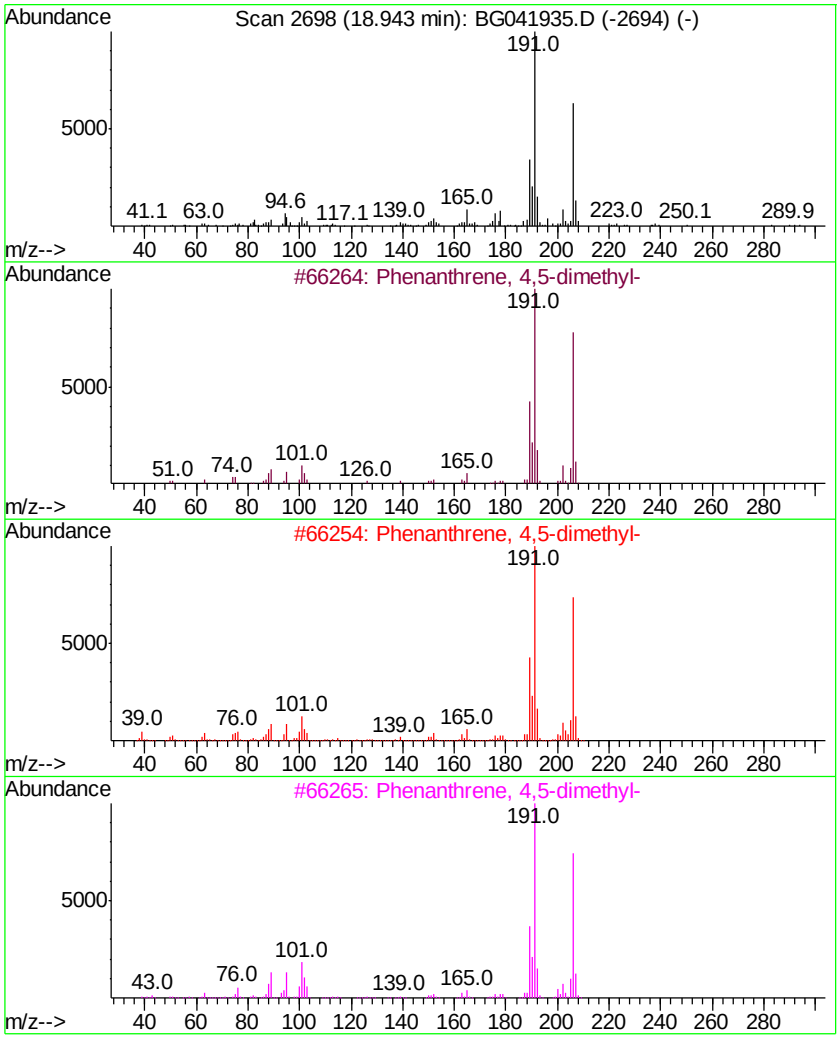
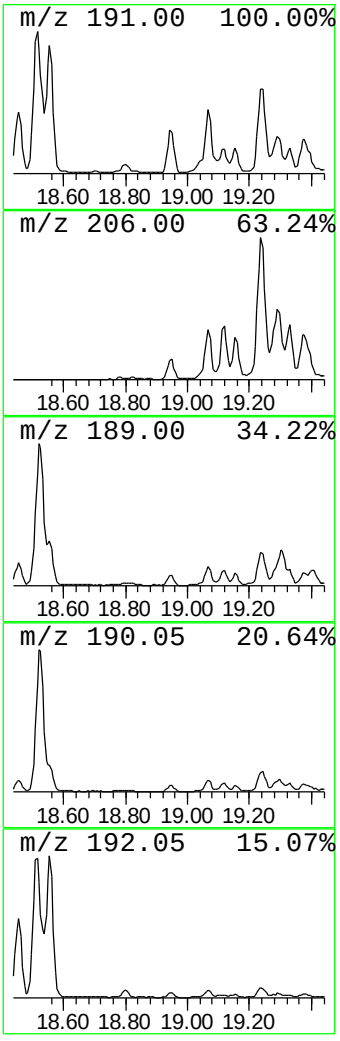
Peak Number 19 Phenanthrene, 4,5-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.53 ng/ul	184070	Phenanthrene-d10	17.44

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	87
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	86





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Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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

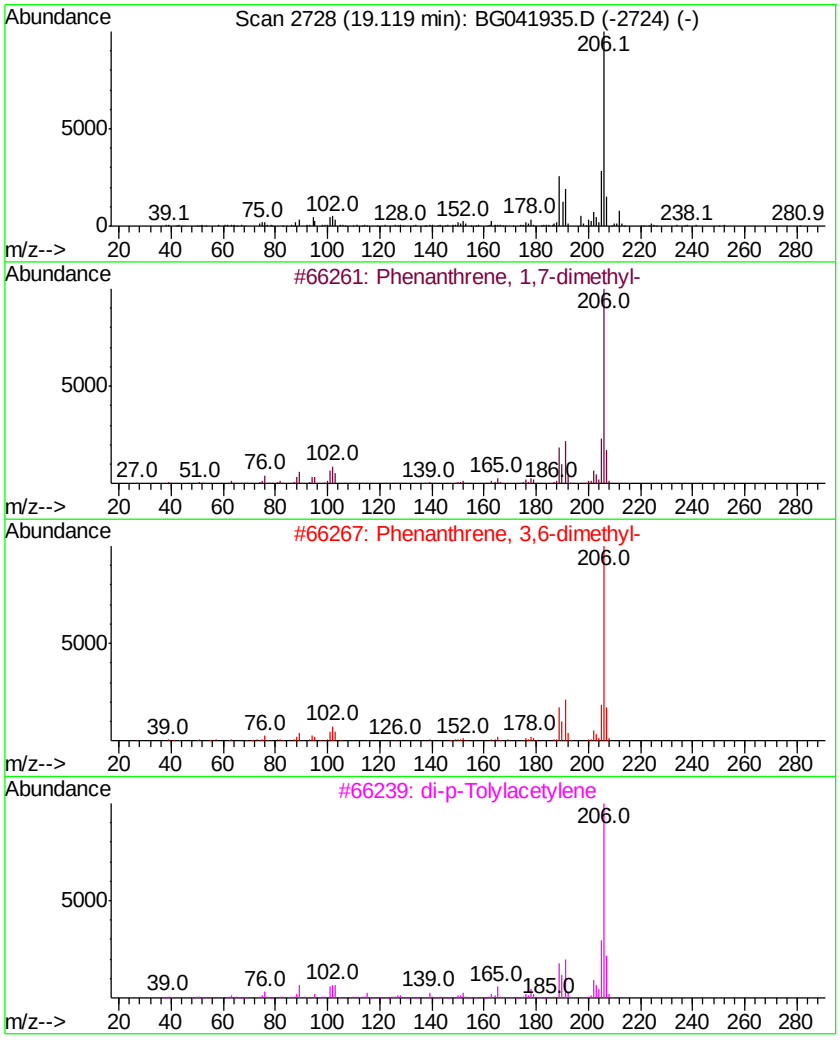
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

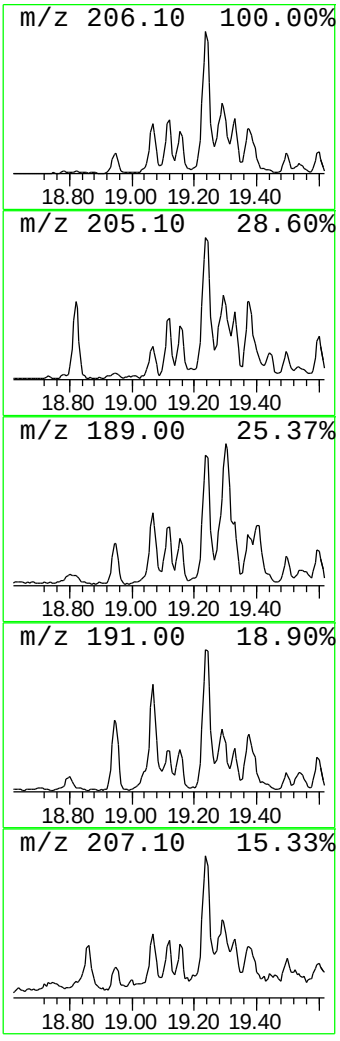
****

Peak Number 21 Phenanthrene, 1,7-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	3.55 ng/ul	257861	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	80
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74





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Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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

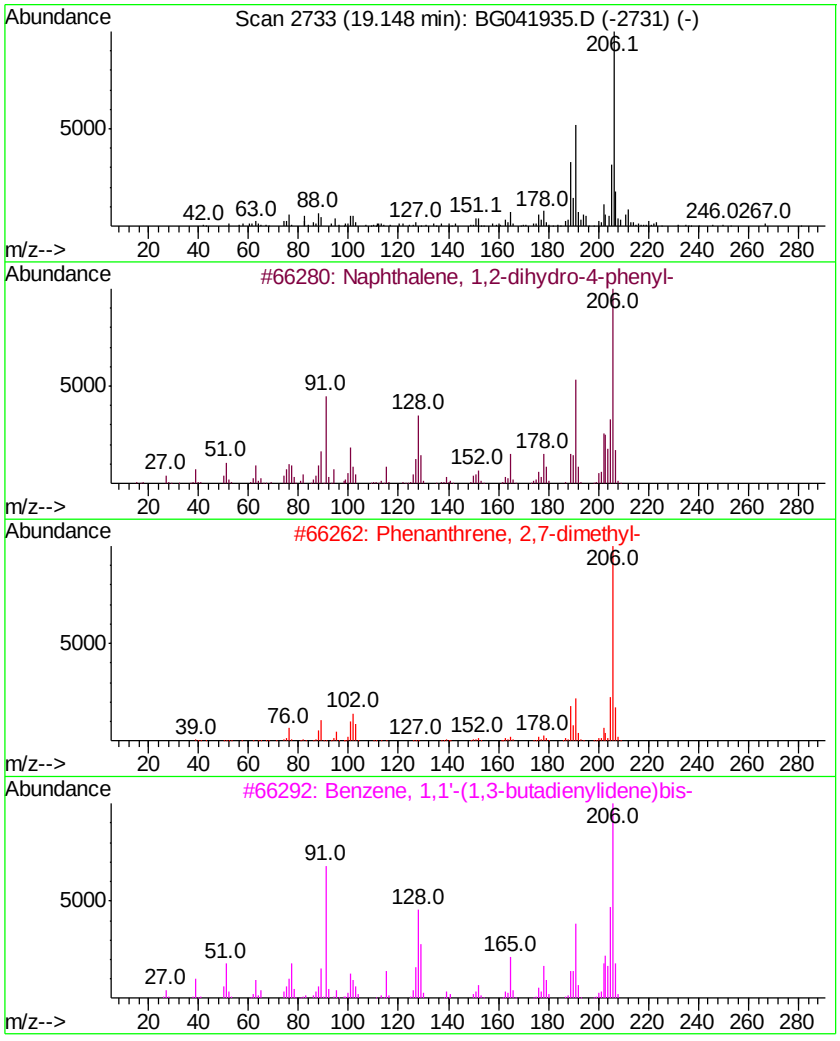
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

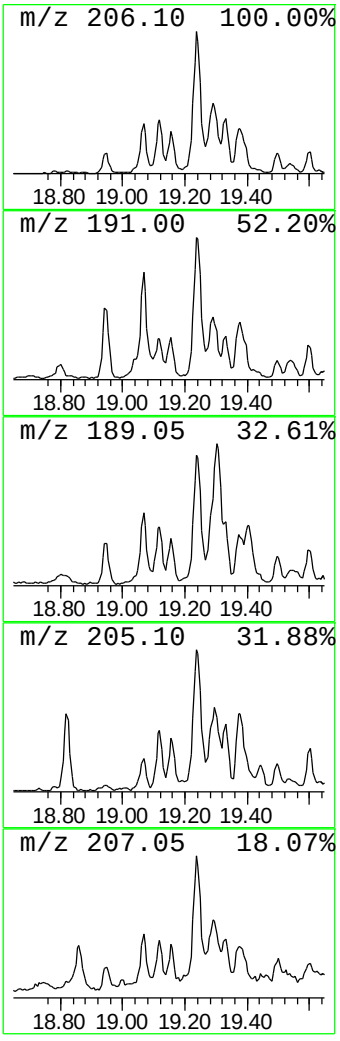
****

Peak Number 22 Naphthalene, 1,2-dihydro-4-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	2.77 ng/ul	201224	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
3	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	83
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	83





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Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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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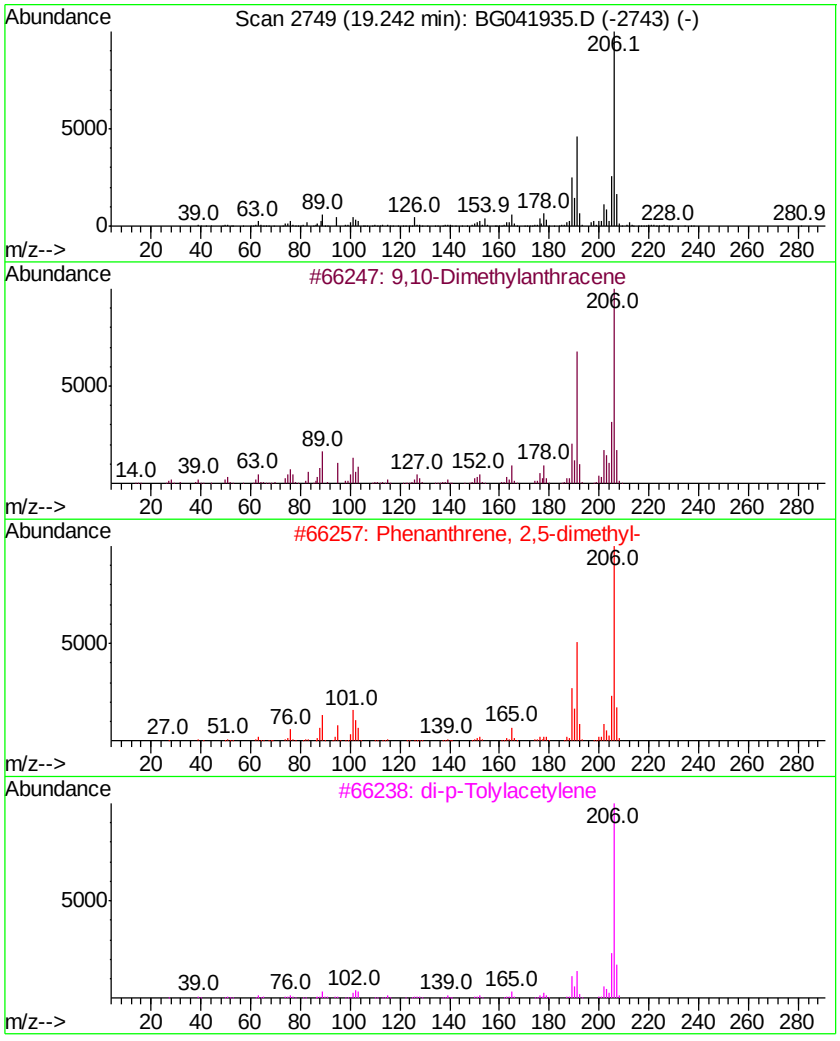
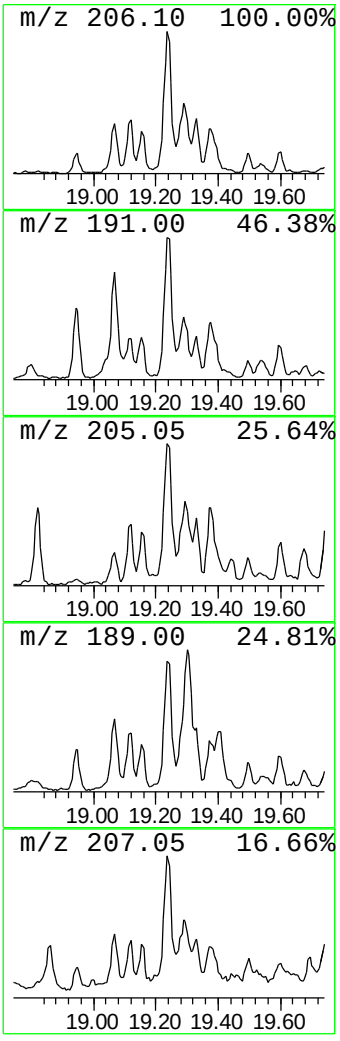
Peak Number 23 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	11.32 ng/ul	823440	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Acq On : 4 Aug 2019 9:56
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Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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

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

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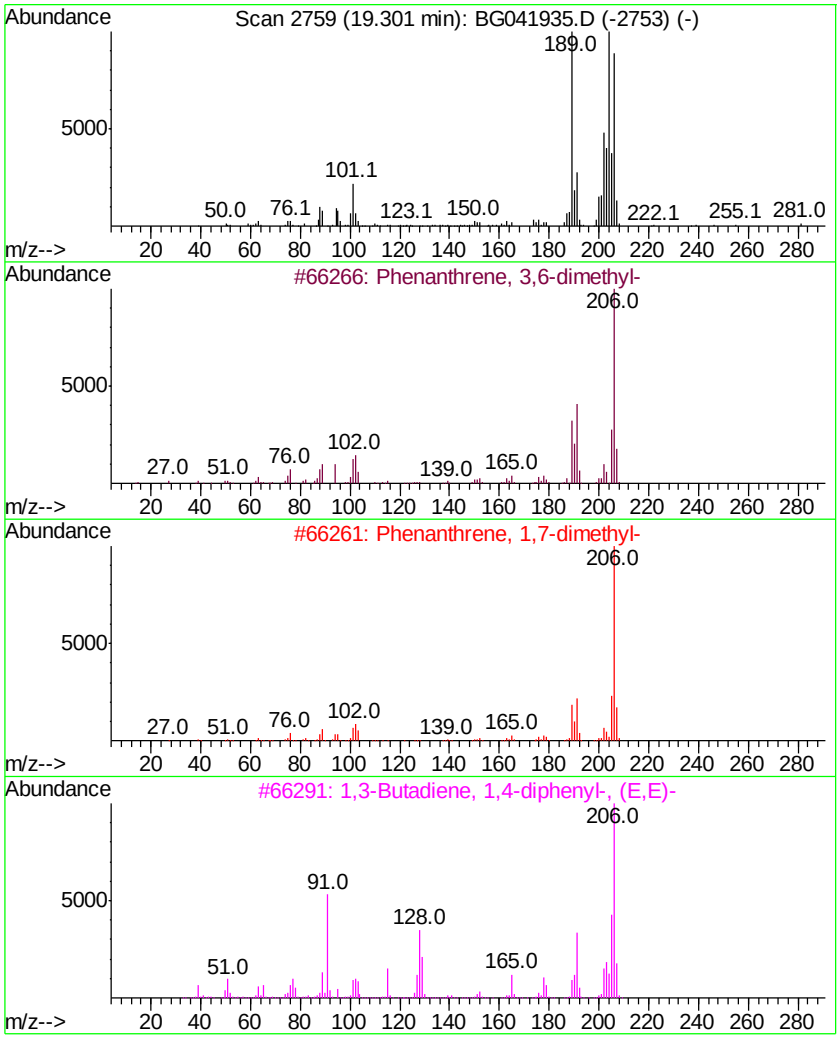
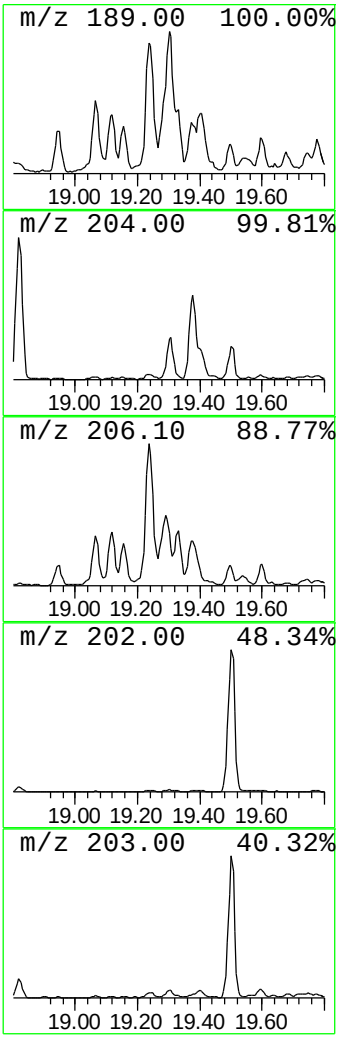
Peak Number 24 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	6.70 ng/ul	487229	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	46
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	46
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	46





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Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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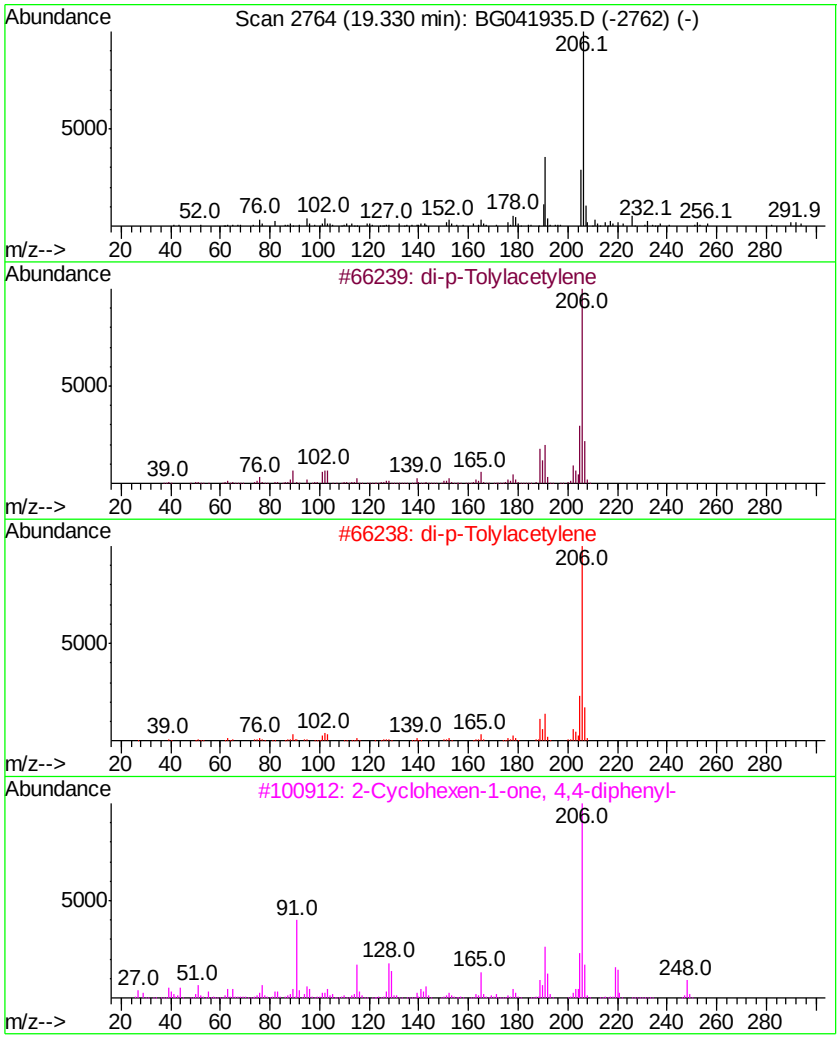
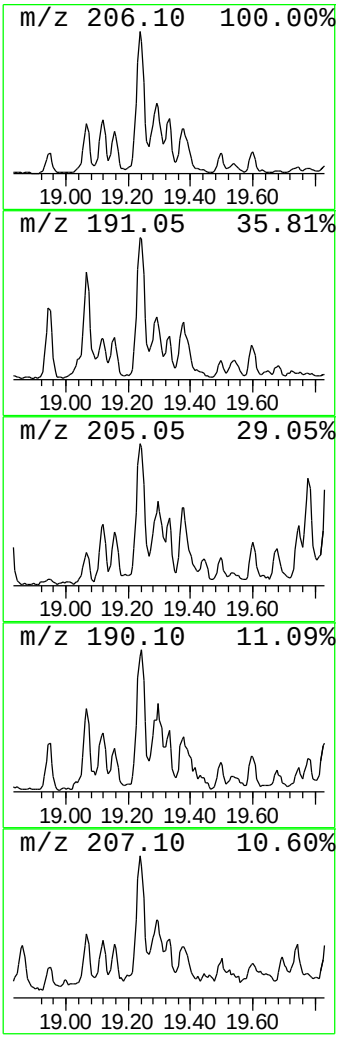
Peak Number 25 di-p-Tolylacetylene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.01 ng/ul	146360	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	72
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	72
3	2-Cyclohexen-1-one, 4,4-diphenyl-	248	C18H16O	004528-64-7	64
4	6-Methoxy-3-methyl-2-benzofuranc...	206	C11H10O4	010410-29-4	64
5	N-(4-Methylperhydro-1,3-thiazin-...	206	C11H14N2S	010554-34-4	59





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Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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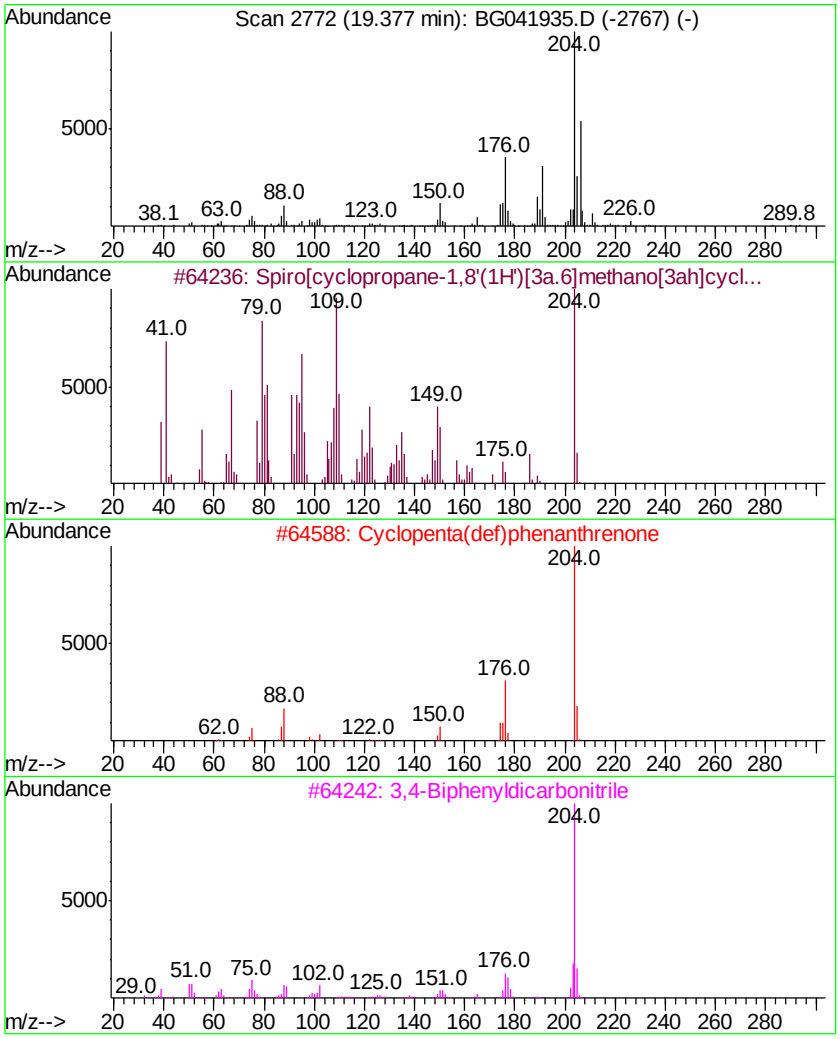
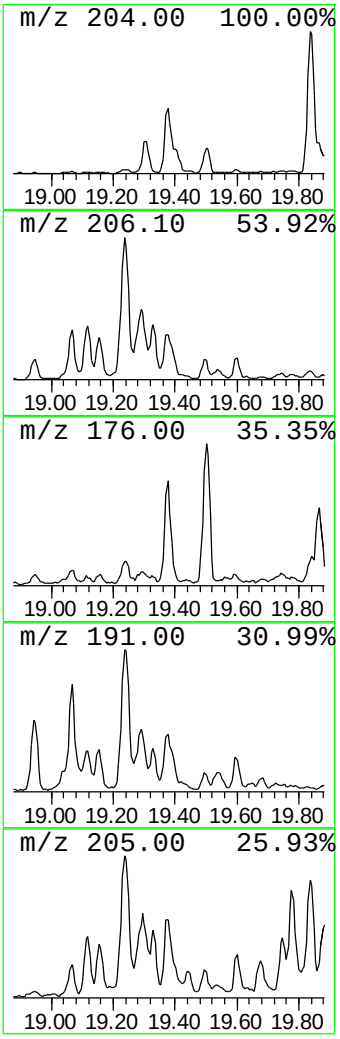
Peak Number 26 Spiro[cyclopropane-1,8'(1H'... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	8.02 ng/ul	583272	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[cyclopropane-1,8'(1H')[3a....	204	C14H20O	452049-62-6	93
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	38





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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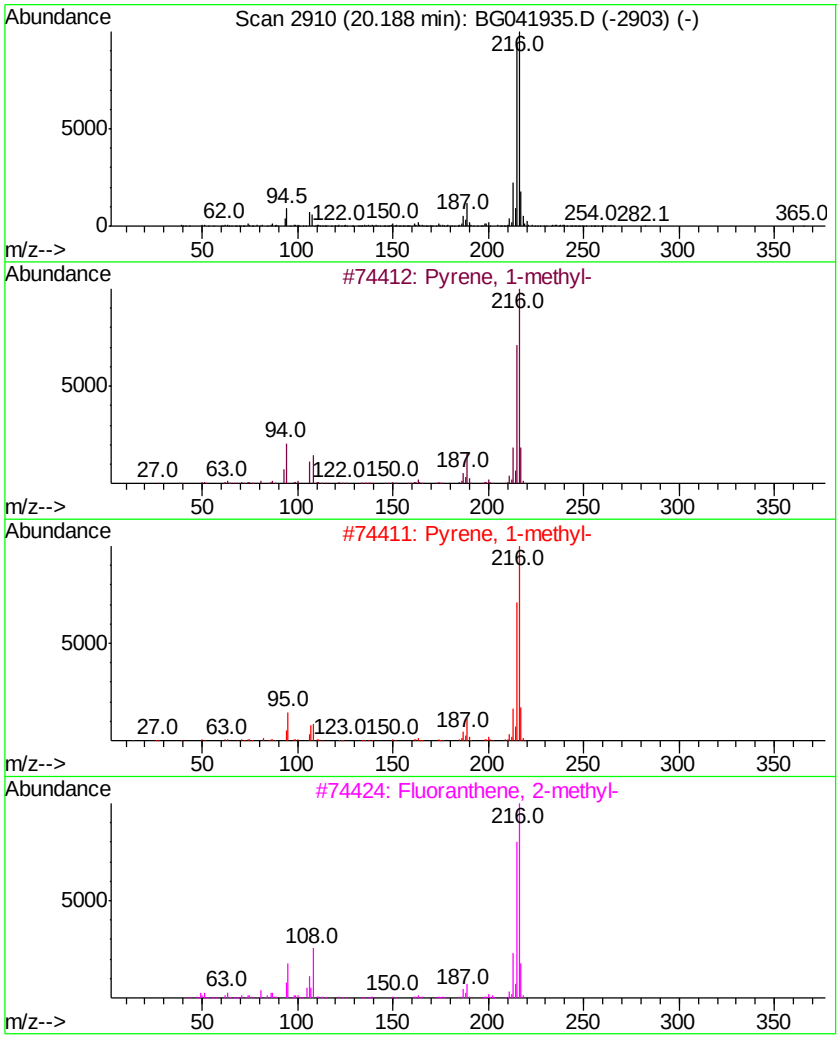
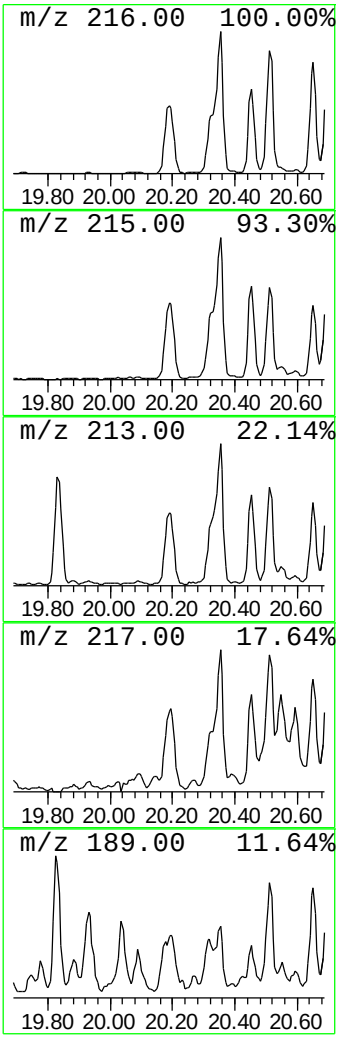
Peak Number 27 Pyrene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	3.72 ng/ul	932609	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





Library Search Compound Report

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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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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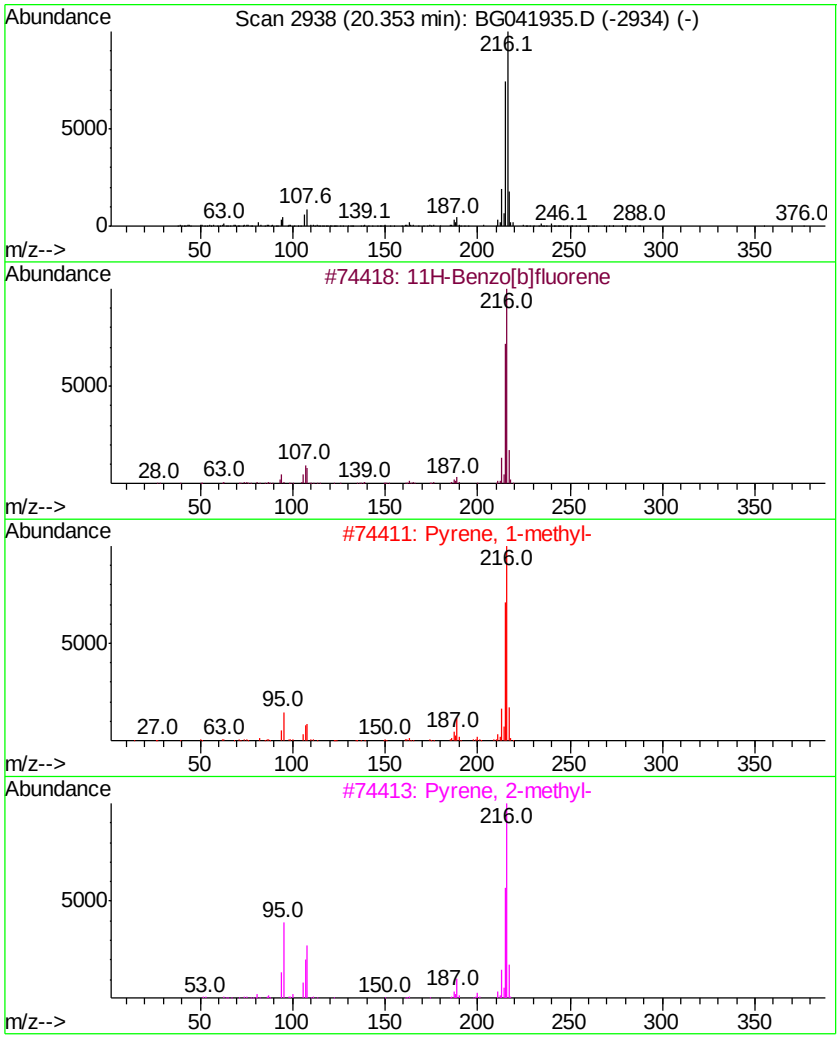
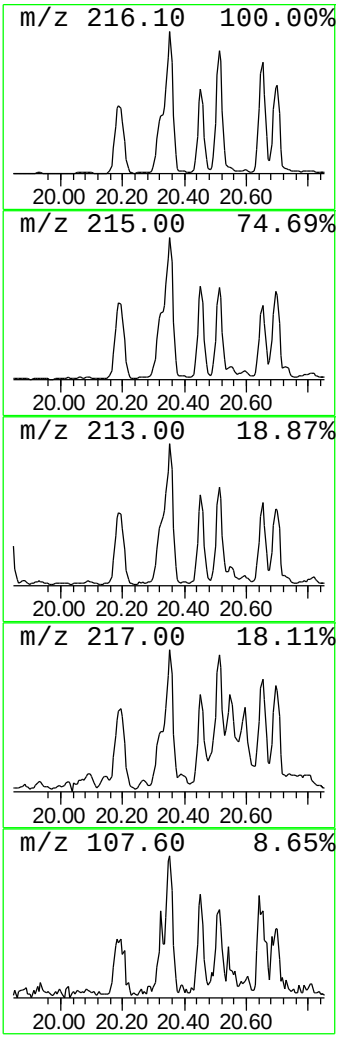
Peak Number 28 11H-Benzo[b]fluorene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	3.79 ng/ul	950567	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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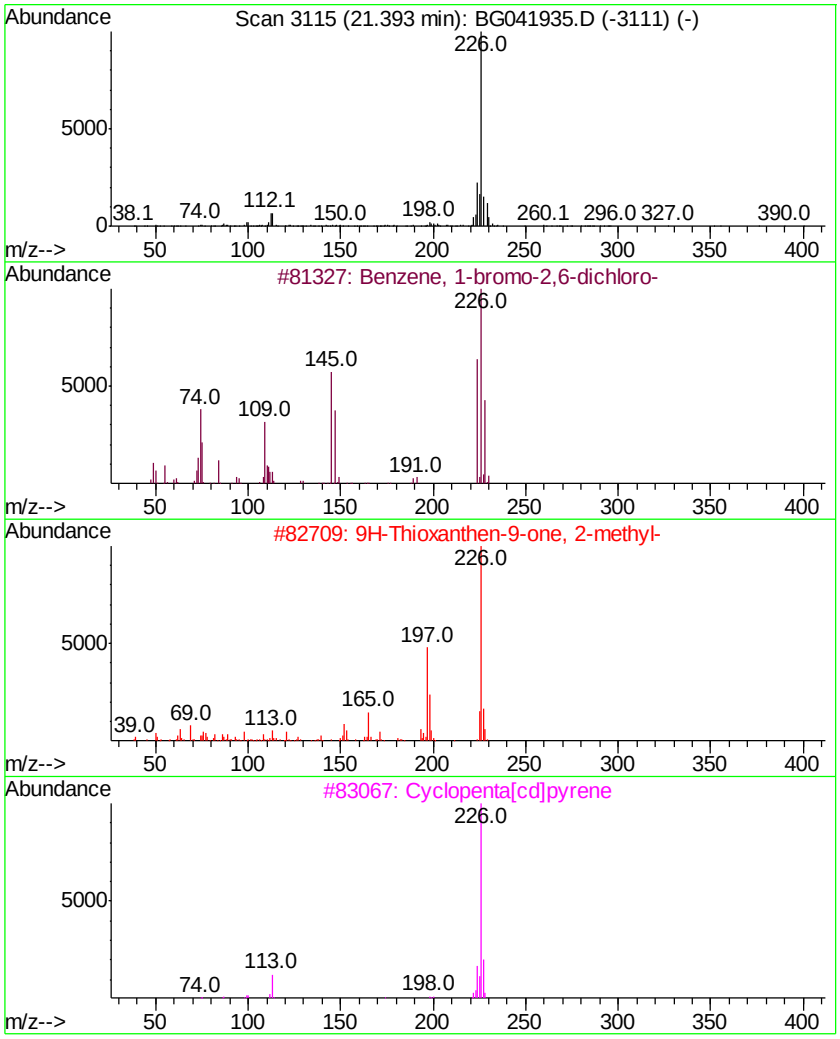
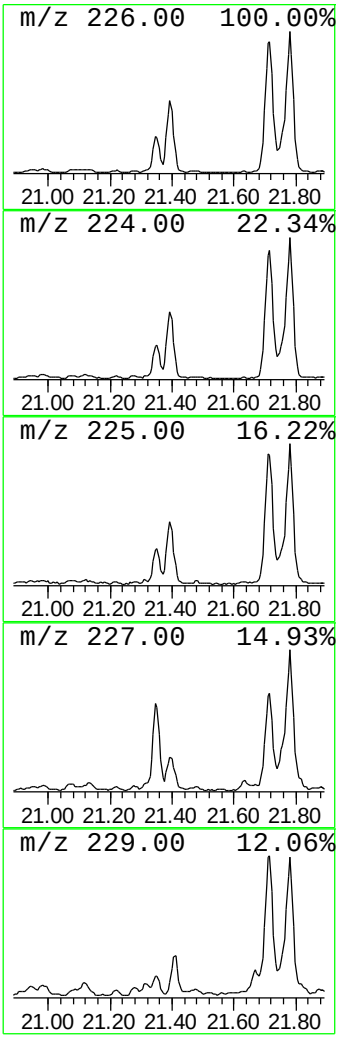
Peak Number 36 Benzene, 1-bromo-2,6-dichloro- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.77 ng/ul	693803	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	53
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	52
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	50
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	50
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47





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Instrument : BNA_G
ClientSampleId : BENP0DL

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Quant Title : SVOA CALIBRATION

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

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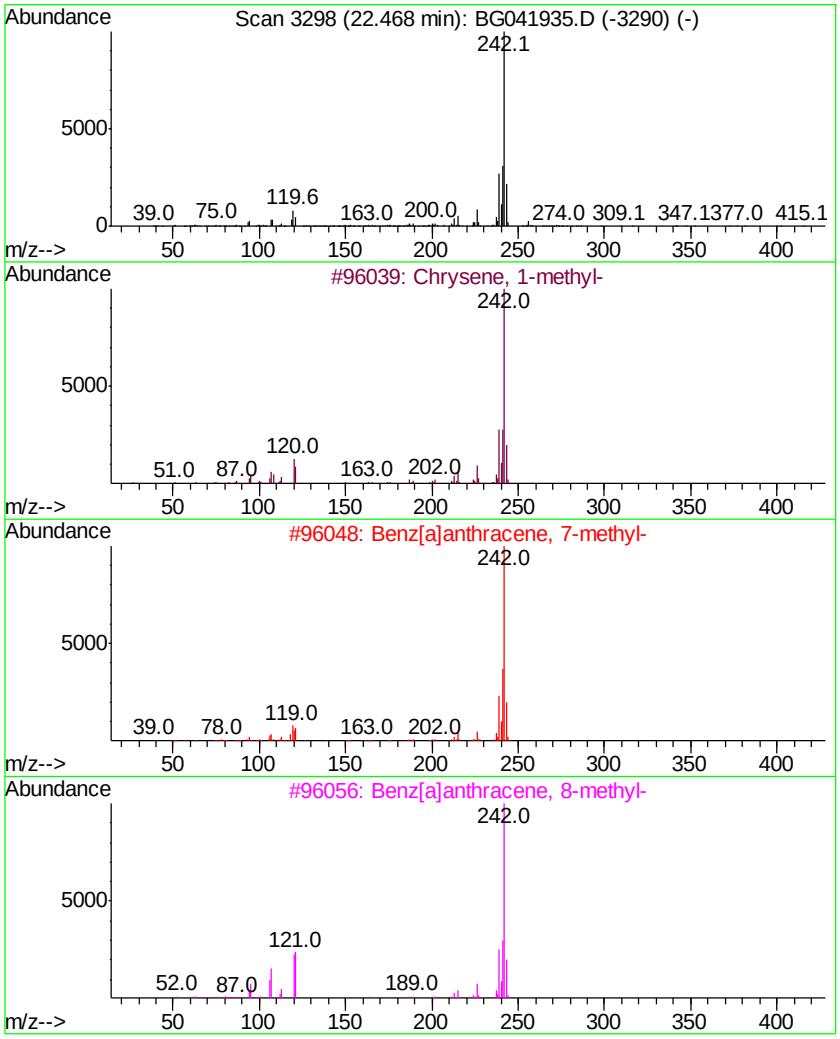
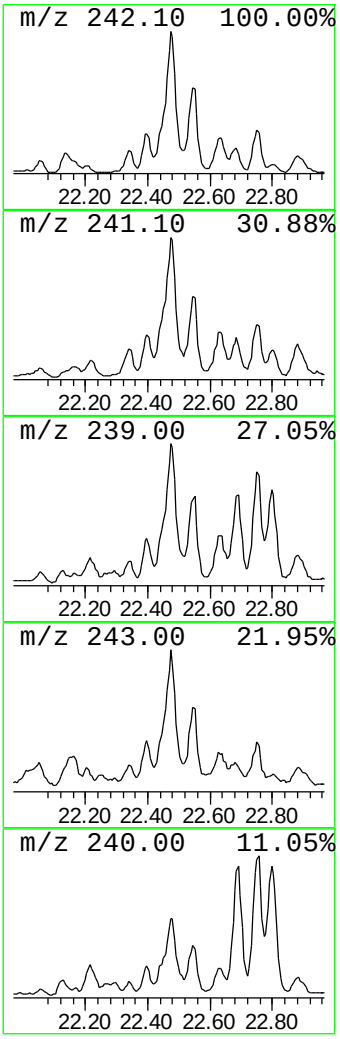
Peak Number 39 Chrysene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	3.98 ng/ul	997604	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041935.D
Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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

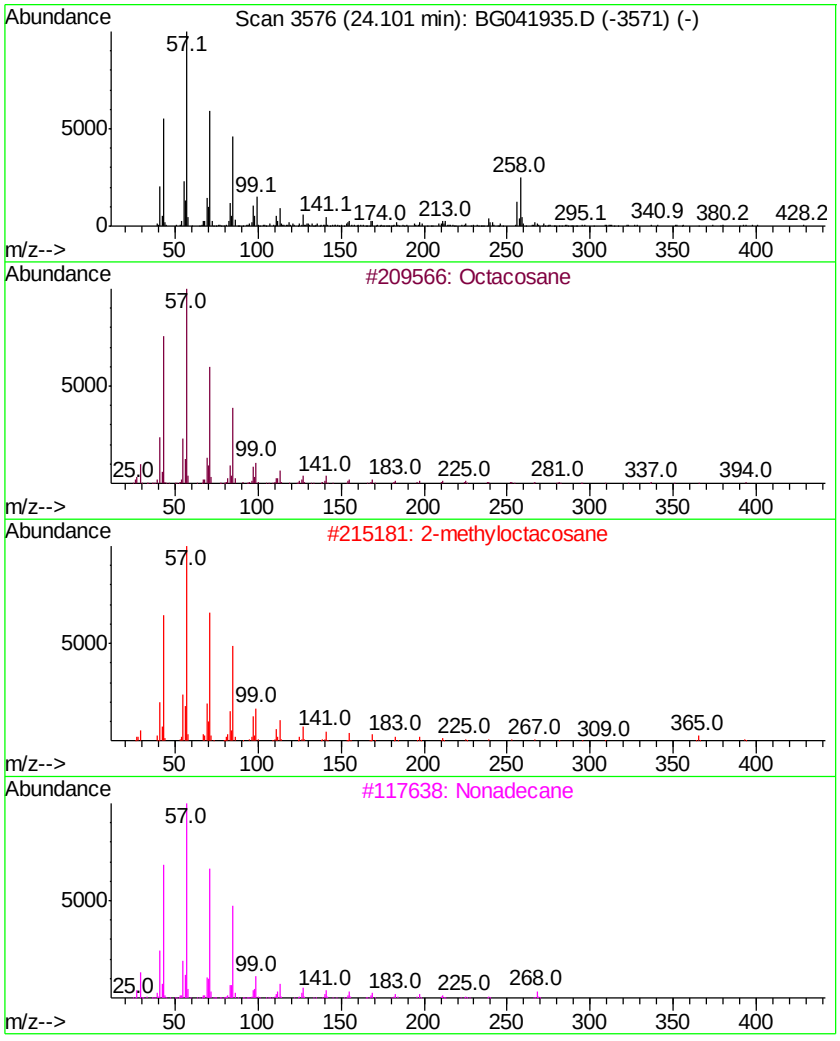
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

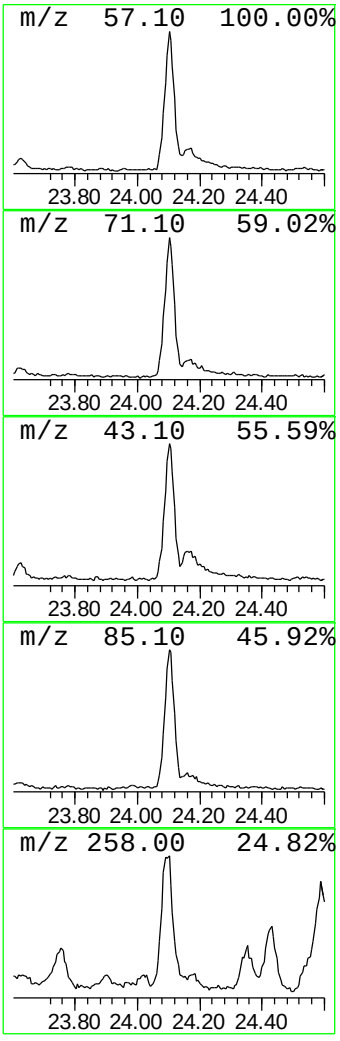
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	5.02 ng/ul	410101	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	96
2	2-methyloctacosane	408	C29H60	1000376-72-8	76
3	Nonadecane	268	C19H40	000629-92-5	68
4	Docosane	310	C22H46	000629-97-0	68
5	Tetracosane	338	C24H50	000646-31-1	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041935.D
Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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

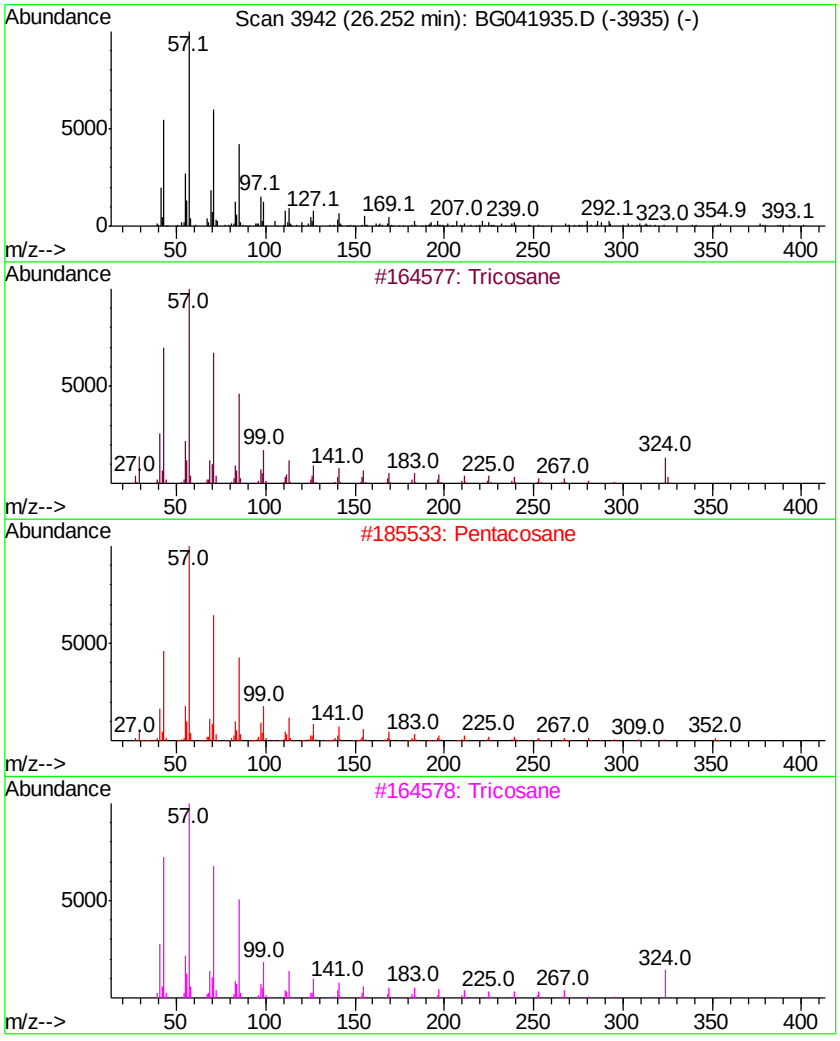
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

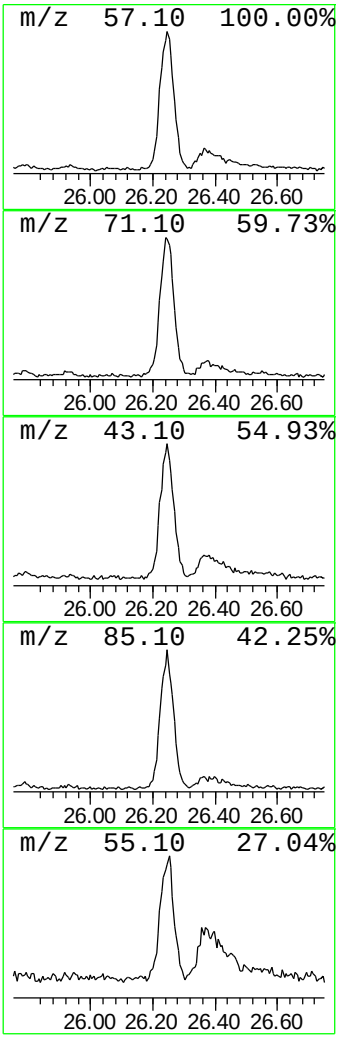
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.25	4.91 ng/ul	401021	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Pentacosane	352	C25H52	000629-99-2	92
3	Tricosane	324	C23H48	000638-67-5	91
4	Pentacosane	352	C25H52	000629-99-2	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041935.D
Acq On : 4 Aug 2019 9:56
Operator : HP/JU
Sample : K3850-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP0DL

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	55.2	ng/ul	1458180	1	8.03	528756	20.0
Naphthalene, 1-me...	12.74	3.8	ng/ul	150563	2	10.86	801215	20.0
Naphthalene, 1,5-...	13.87	2.2	ng/ul	135097	3	14.69	1217890	20.0
Naphthalene, 2,3-...	14.01	2.9	ng/ul	175825	3	14.69	1217890	20.0
9H-Fluoren-9-ol	16.03	2.5	ng/ul	153346	3	14.69	1217890	20.0
1(2H)-Acenaphthyl...	16.42	2.1	ng/ul	149889	4	17.44	1454710	20.0
9H-Fluorene, 2-me...	16.75	3.4	ng/ul	245941	4	17.44	1454710	20.0
9H-Fluoren-9-one	17.10	2.7	ng/ul	193697	4	17.44	1454710	20.0
Naphtho[2,1-b]thi...	17.26	4.0	ng/ul	290937	4	17.44	1454710	20.0
1-Methyldibenzoth...	18.03	3.8	ng/ul	279191	4	17.44	1454710	20.0
4-Methylnaphtho[1...	18.17	2.4	ng/ul	174390	4	17.44	1454710	20.0
Phenanthrene, 1-m...	18.33	15.0	ng/ul	1092460	4	17.44	1454710	20.0
Phenanthrene, 2-m...	18.37	14.9	ng/ul	1085950	4	17.44	1454710	20.0
Benzaldehyde, 3,5...	18.52	21.3	ng/ul	1547660	4	17.44	1454710	20.0
1,2,4,8-Tetrameth...	18.82	6.4	ng/ul	468314	4	17.44	1454710	20.0
9,10-Anthracenedione	18.86	7.5	ng/ul	544187	4	17.44	1454710	20.0
Phenanthrene, 4,5...	18.94	2.5	ng/ul	184070	4	17.44	1454710	20.0
Phenanthrene, 1,7...	19.12	3.5	ng/ul	257861	4	17.44	1454710	20.0
Naphthalene, 1,2-...	19.15	2.8	ng/ul	201224	4	17.44	1454710	20.0
9,10-Dimethylanth...	19.24	11.3	ng/ul	823440	4	17.44	1454710	20.0
Phenanthrene, 3,6...	19.30	6.7	ng/ul	487229	4	17.44	1454710	20.0
di-p-Tolylacetylene	19.33	2.0	ng/ul	146360	4	17.44	1454710	20.0
Spiro[cyclopropan...	19.38	8.0	ng/ul	583272	4	17.44	1454710	20.0
Pyrene, 1-methyl-	20.19	3.7	ng/ul	932609	5	21.73	5009840	20.0
11H-Benzo[b]fluorene	20.35	3.8	ng/ul	950567	5	21.73	5009840	20.0
Benzene, 1-bromo-...	21.39	2.8	ng/ul	693803	5	21.73	5009840	20.0
Chrysene, 1-methyl-	22.47	4.0	ng/ul	997604	5	21.73	5009840	20.0
(DEL) Alkane: Str...	24.10	5.0	ng/ul	410101	6	25.01	1632390	20.0
(DEL) Alkane: Str...	26.25	4.9	ng/ul	401021	6	25.01	1632390	20.0