LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046345.D
Acq On : 19 Aug 2020 13:25
Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

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-BG081320PAH.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	3.143	4	9	29	rVB	1452457	2216864	66.67%	3.991%
2	3.396	48	52	65	rVB2	20525	37689	1.13%	0.068%
3	3.913	136	140	150	rBV	32976	52849	1.59%	0.095%
4	7.103	676	683	698	rBV	346172	620916	18.67%	1.118%
5	7.262	703	710	725	rVV	278036	470180	14.14%	0.846%
6	7.474	738	746	755	rBV	375181	629088	18.92%	1.133%
7	7.938	818	825	834	rBV	287211	485041	14.59%	0.873%
8	8.643	936	945	959	rBV	441550	764453	22.99%	1.376%
9	9.089	1014	1021	1032	rBV	336182	595595	17.91%	1.072%
10	9.812	1137	1144	1155	rBV	279277	511586	15.39%	0.921%
11	10.358	1228	1237	1246	rBV	491389	865514	26.03%	1.558%
12	10.735	1293	1301	1307	rBV	407173	739012	22.23%	1.330%
13	10.864	1314	1323	1335	rBV	306252	593793	17.86%	1.069%
14	13.472	1761	1767	1774	rBV	54695	87474	2.63%	0.157%
15	13.890	1833	1838	1843	rBV3	20458	36521	1.10%	0.066%
16	13.972	1843	1852	1856	rVV	899688	1314613	39.54%	2.367%
17	14.019	1856	1860	1866	rVV	221696	316480	9.52%	0.570%
18	14.260	1889	1901	1916	rBV	1079673	1732845	52.12%	3.120%
19	14.565	1944	1953	1959	rVV	679401	1070999	32.21%	1.928%
20	14.630	1959	1964	1972	rVV	52766	86444	2.60%	0.156%
21	14.759	1980	1986	2000	rBV	255756	487843	14.67%	0.878%
22	14.965	2016	2021	2029	rVV2	46064	88480	2.66%	0.159%
23	15.558	2114	2122	2128	rBV	1407539	2128344	64.01%	3.832%
24	15.611	2128	2131	2136	rVB3	68985	91204	2.74%	0.164%
25	15.670	2136	2141	2150	rBV	283627	484949	14.58%	0.873%
26	15.911	2177	2182	2192	rVB	34811	67315	2.02%	0.121%
27	16.058	2202	2207	2213	rVB	33278	68583	2.06%	0.123%
28	16.287	2237	2246	2253	rBV8	25296	54951	1.65%	0.099%
29	16.963	2356	2361	2369	rVB	77256	135486	4.07%	0.244%
30	17.039	2369	2374	2385	rBV8	31043	110435	3.32%	0.199%
31	17.127	2385	2389	2399	rVB	54144	95811	2.88%	0.172%
32	17.309	2410	2420	2423	rBV	835511	1283302	38.60%	2.310%
33	17.350	2423	2427	2432	rVB	959641	1347726	40.53%	2.426%
34	17.409	2432	2437	2441	rBV	1417024	2082603	62.63%	3.749%

LSC Area Percent Report

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

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

35	17.497	2448	2452	2458	rVB4	25241	44433	1.34%	0.080%
36	17.709	2478	2488	2492	rBV2	74834	150178	4.52%	0.270%
37	17.826	2502	2508	2513	rVV3	37664	64437	1.94%	0.116%
38	17.891	2514	2519	2525	rVB3	45249	64071	1.93%	0.115%
39	18.185	2559	2569	2572	rBV	229912	383657	11.54%	0.691%
40	18.232	2572	2577	2582	rVV	303288	572459	17.22%	1.031%
41	18.279	2582	2585	2587	rVV	34673	41339	1.24%	0.074%
42	18.314	2587	2591	2596	rVB	77655	109915	3.31%	0.198%
43	18.378	2596	2602	2606	rBV2	257001	496370	14.93%	0.894%
44	18.414	2606	2608	2613	rVB	168300	206326	6.21%	0.371%
45	18.508	2616	2624	2626	rBV7	24846	57853	1.74%	0.104%
46	18.684	2649	2654	2657	rVV	158103	241026	7.25%	0.434%
47	18.719	2657	2660	2666	rVB	178998	243658	7.33%	0.439%
48	18.807	2672	2675	2682	rBV5	27949	50603	1.52%	0.091%
49	18.931	2692	2696	2700	rVV	85605	121467	3.65%	0.219%
50	18.978	2701	2704	2708	rVV	66136	87999	2.65%	0.158%
51	19.019	2708	2711	2715	rVB	63753	77591	2.33%	0.140%
52	19.101	2719	2725	2729	rVV	187617	312994	9.41%	0.563%
53	19.160	2729	2735	2738	rVV4	92952	210695	6.34%	0.379%
54	19.189	2738	2740	2744	rVV	68883	83555	2.51%	0.150%
55	19.236	2744	2748	2756	rVB	158968	273237	8.22%	0.492%
56	19.360	2764	2769	2775	rVB	1751927	2415534	72.65%	4.349%
57	19.424	2776	2780	2783	rBV3	55052	74954	2.25%	0.135%
58	19.460	2783	2786	2791	rVB5	47928	65549	1.97%	0.118%
59	19.507	2791	2794	2798	rVB2	47588	56906	1.71%	0.102%
60	19.554	2798	2802	2806	rBV2	65620	108965	3.28%	0.196%
61	19.630	2813	2815	2820	rVB3	77930	95398	2.87%	0.172%
62	19.695	2820	2826	2829	rBV2	1995052	3325016	100.00%	5.986%
63	19.724	2829	2831	2838	rVV	1708532	1939575	58.33%	3.492%
64	19.794	2838	2843	2848	rVV3	108446	169781	5.11%	0.306%
65	19.900	2856	2861	2866	rBV	99653	158134	4.76%	0.285%
66	19.959	2867	2871	2877	rVB3	73192	127310	3.83%	0.229%
67	20.053	2880	2887	2897	rBV6	171919	522425	15.71%	0.940%
68	20.135	2898	2901	2904	rBV3	28612	45201	1.36%	0.081%
69	20.182	2904	2909	2910	rVV3	121976	187537	5.64%	0.338%
70	20.212	2911	2914	2918	rVB	266497	352681	10.61%	0.635%
71	20.312	2927	2931	2935	rBV2	133476	182548	5.49%	0.329%

LSC Area Percent Report

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Acq On : 19 Aug 2020 13:25
Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

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-BG081320PAH.M
Title : SVOA CALIBRATION

72	20.370	2935	2941	2946	rVV2	256506	441940	13.29%	0.796%
73	20.411	2946	2948	2951	rVB3	56085	56899	1.71%	0.102%
74	20.453	2952	2955	2960	rBV3	49641	76668	2.31%	0.138%
75	20.511	2961	2965	2968	rBV	165762	211073	6.35%	0.380%
76	20.558	2968	2973	2977	rVB2	137272	201829	6.07%	0.363%
77	20.670	2989	2992	2996	rVB2	137349	163047	4.90%	0.294%
78	20.770	3006	3009	3012	rBV3	47548	73911	2.22%	0.133%
79	20.964	3038	3042	3049	rVB	235706	375623	11.30%	0.676%
80	21.146	3066	3073	3077	rBV2	162468	385636	11.60%	0.694%
81	21.187	3077	3080	3083	rVV	192848	278197	8.37%	0.501%
82	21.222	3083	3086	3093	rVV4	459422	902186	27.13%	1.624%
83	21.293	3094	3098	3106	rVB	211739	383343	11.53%	0.690%
84	21.545	3134	3141	3147	rBV4	1235926	3122258	93.90%	5.621%
85	21.604	3147	3151	3164	rVB	880238	1530113	46.02%	2.755%
86	21.763	3172	3178	3182	rBV2	125281	289989	8.72%	0.522%
87	21.951	3205	3210	3217	rBV3	123632	268478	8.07%	0.483%
88	22.192	3249	3251	3255	rBV3	41531	44433	1.34%	0.080%
89	22.268	3260	3264	3270	rVB	211111	340324	10.24%	0.613%
90	22.344	3271	3277	3278	rBV2	152024	257435	7.74%	0.463%
91	22.532	3305	3309	3313	rBV2	77122	133404	4.01%	0.240%
92	23.690	3497	3506	3513	rBV	631509	2182507	65.64%	3.929%
93	23.807	3521	3526	3530	rBV	130326	236033	7.10%	0.425%
94	23.860	3530	3535	3542	rVV3	203850	410476	12.35%	0.739%
95	24.377	3617	3623	3629	rBV	311202	764994	23.01%	1.377%
96	24.460	3629	3637	3642	rVV	904442	2271357	68.31%	4.089%
97	24.518	3642	3647	3660	rVB	619515	1560871	46.94%	2.810%
98	24.665	3664	3672	3679	rBV2	535015	1406608	42.30%	2.532%
99	25.811	3860	3867	3877	rBV2	180964	571045	17.17%	1.028%
100	28.179	4263	4270	4292	rVB4	251362	1131438	34.03%	2.037%

Sum of corrected areas: 55548480

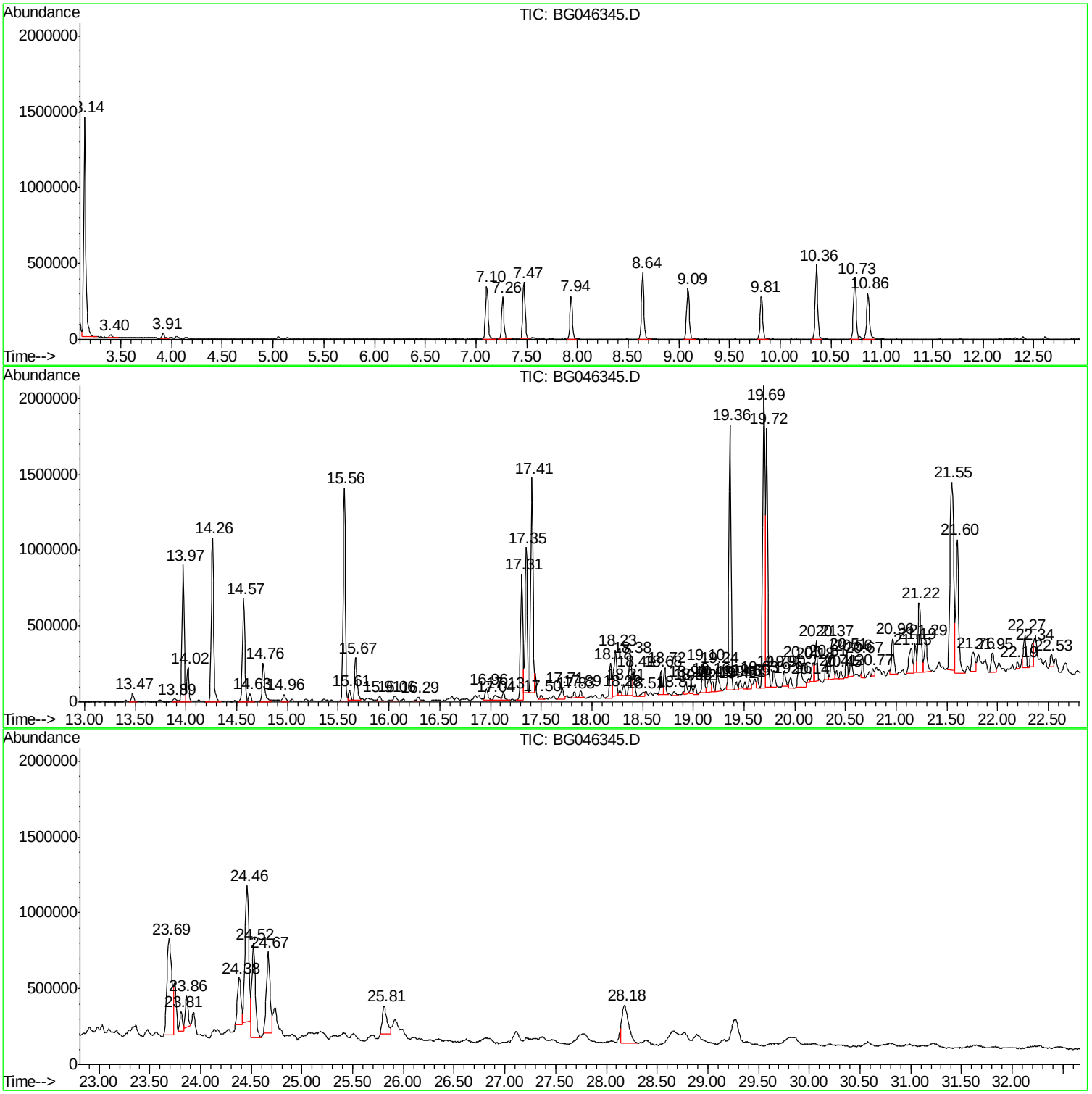
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046345.D
Acq On : 19 Aug 2020 13:25
Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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\BG081920\
Data File : BG046345.D
Acq On : 19 Aug 2020 13:25
Operator : CG/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

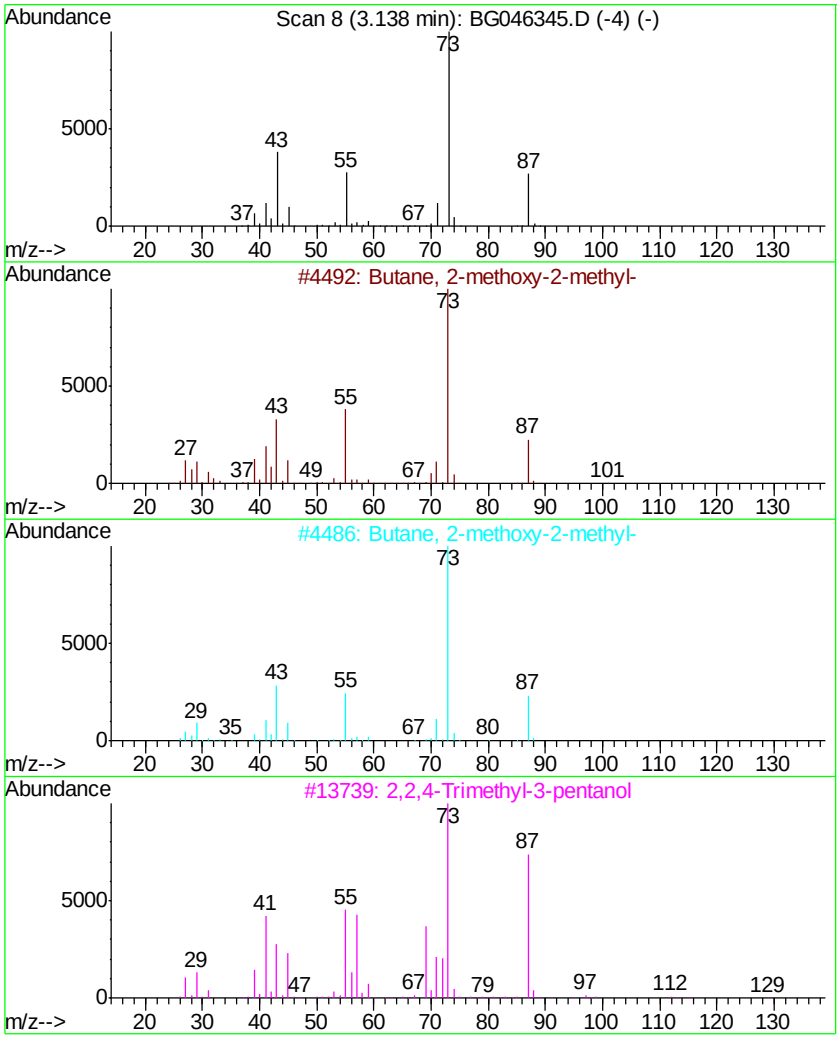
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

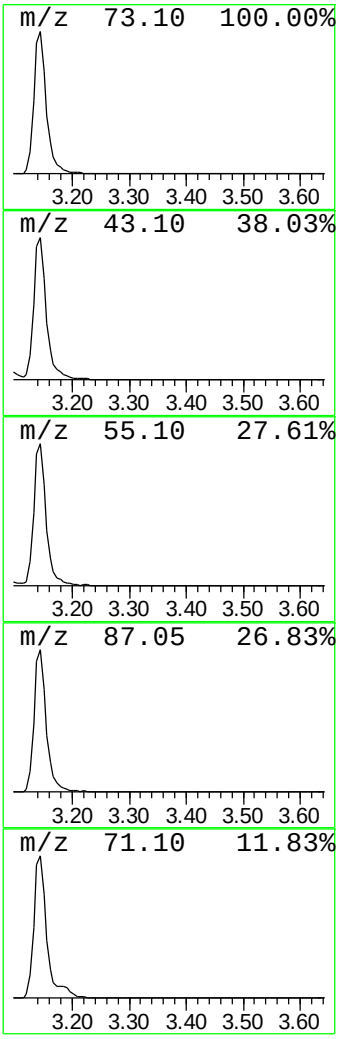
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	91.41 ng/ul	2216860	1,4-Dichlorobenzene-d4	7.94

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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

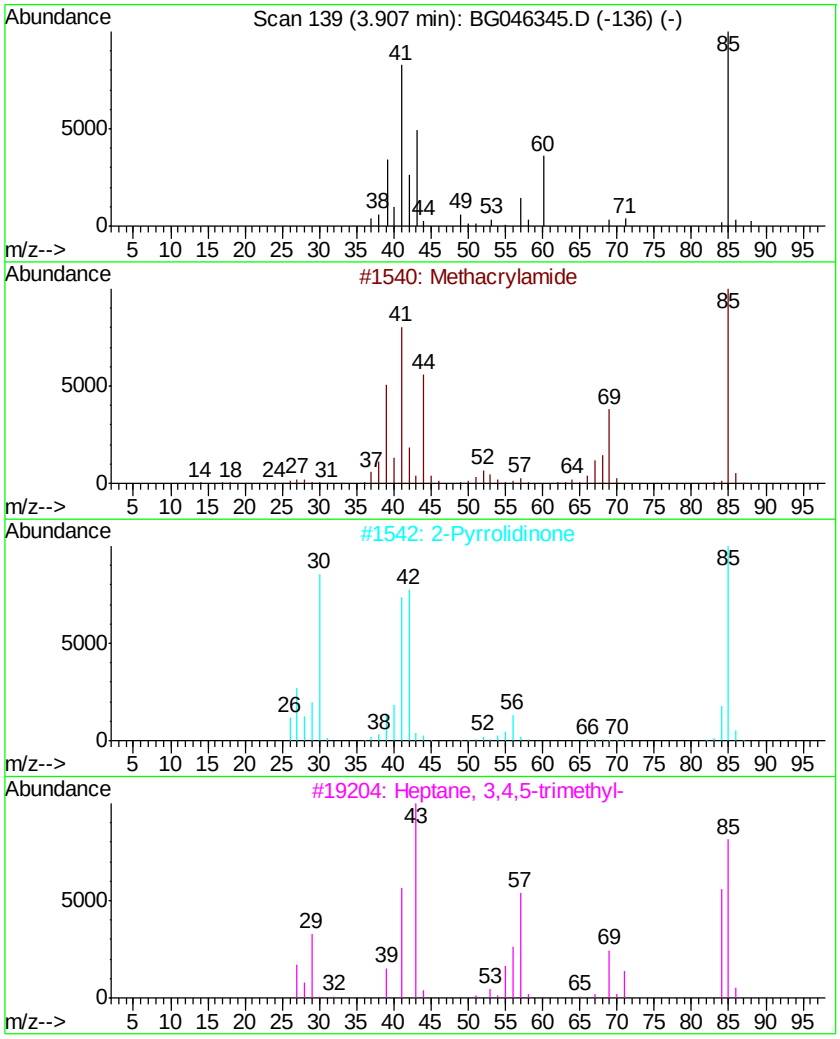
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

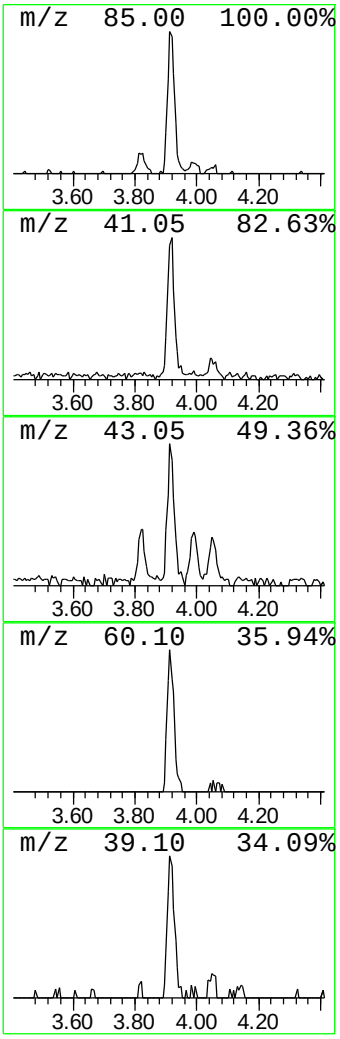
****

Peak Number 2 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	2.18 ng/ul	52849	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	45
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	33
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	28
4	2-Furanmethanol, tetrahydro-5-me...	116	C6H12O2	054774-28-6	25
5	Formic acid, 2-methylpropyl ester	102	C5H10O2	000542-55-2	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Instrument : BNA_G
ClientSampleId : BFME4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

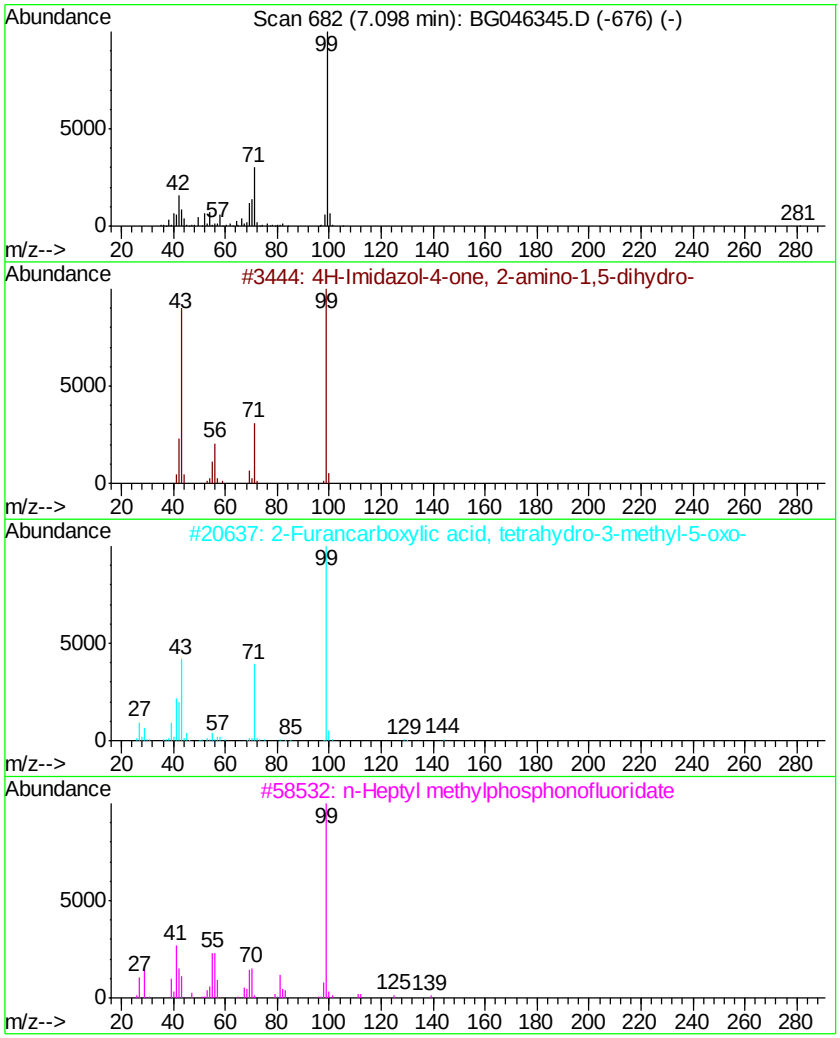
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

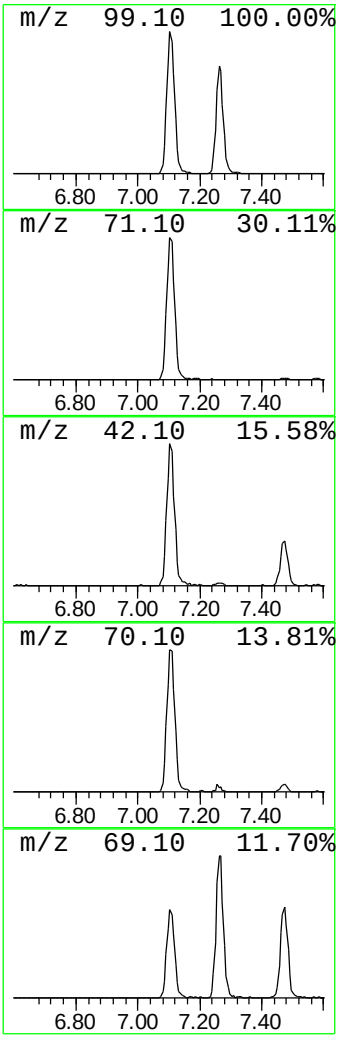
****

Peak Number 3 4H-Imidazol-4-one, 2-amino-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	25.60 ng/ul	620916	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	72
2	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	59
3	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	38
4	Phenol-d6-	100	C6D6O	013127-88-3	38
5	Phosphonofluoridic acid, methyl-...	210	C9H20FO2P	144313-52-0	36





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Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

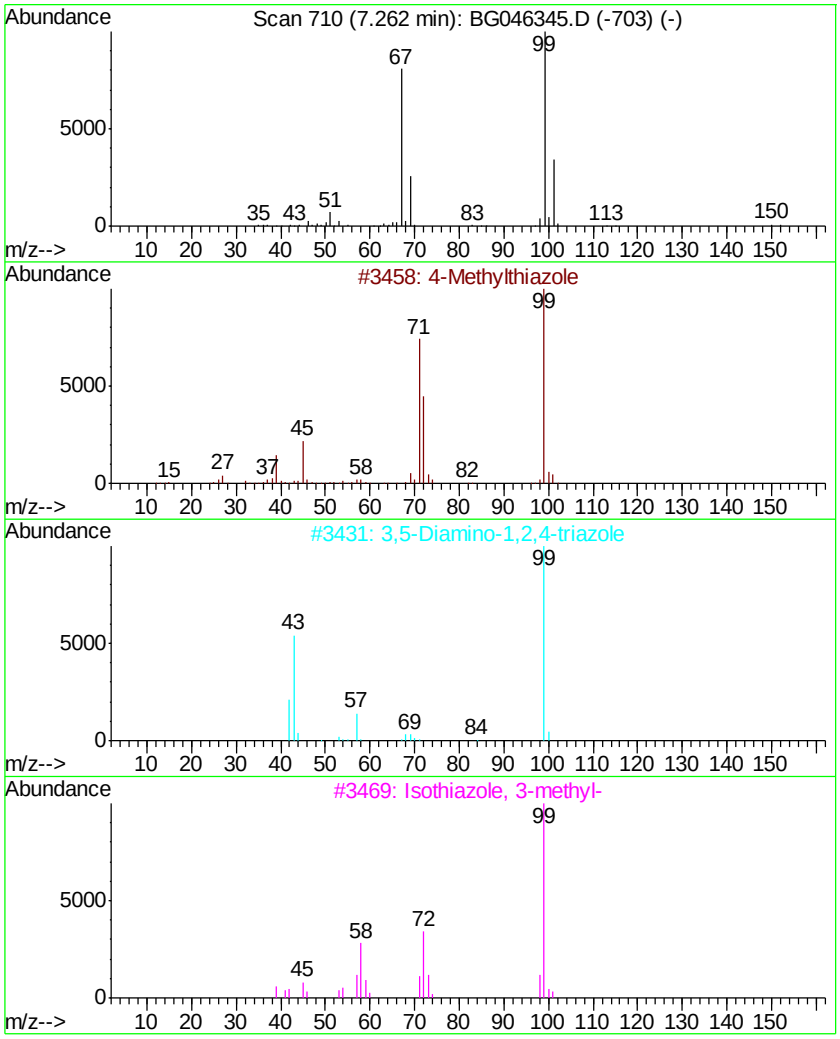
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

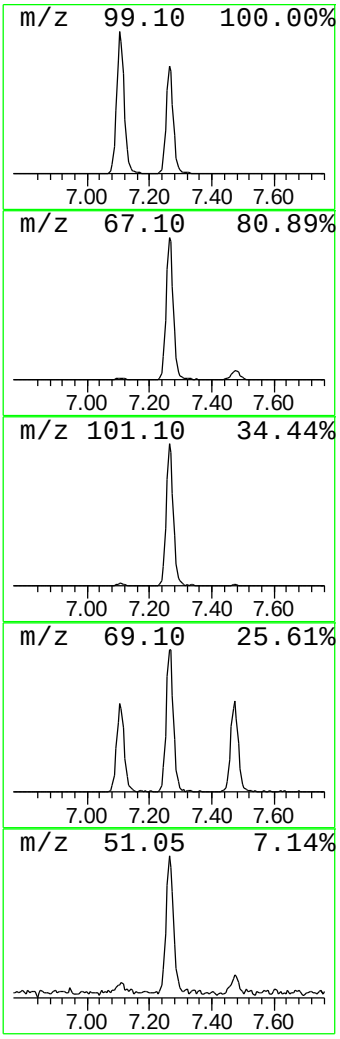
****

Peak Number 4 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	19.39 ng/ul	470180	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylthiazole	99	C4H5NS	000693-95-8	9
2	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
4	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
5	Cyclopropane, isothiocyanato-	99	C4H5NS	056601-42-4	7





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046345.D
Acq On : 19 Aug 2020 13:25
Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

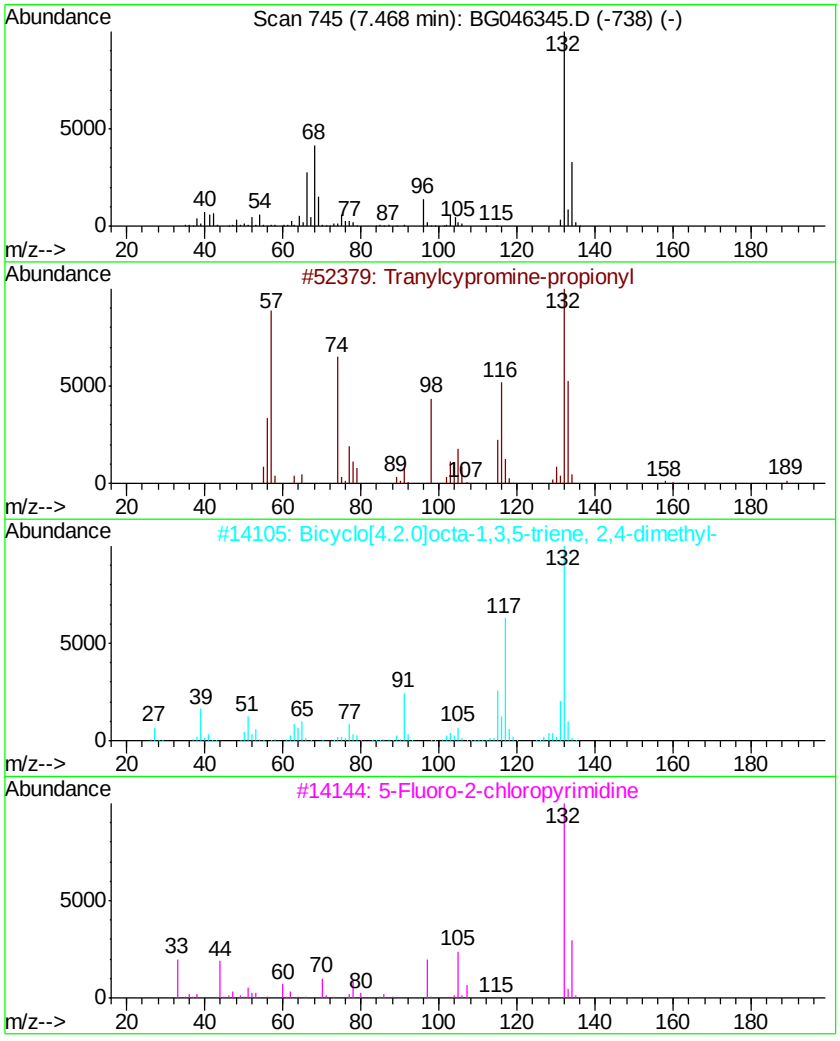
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

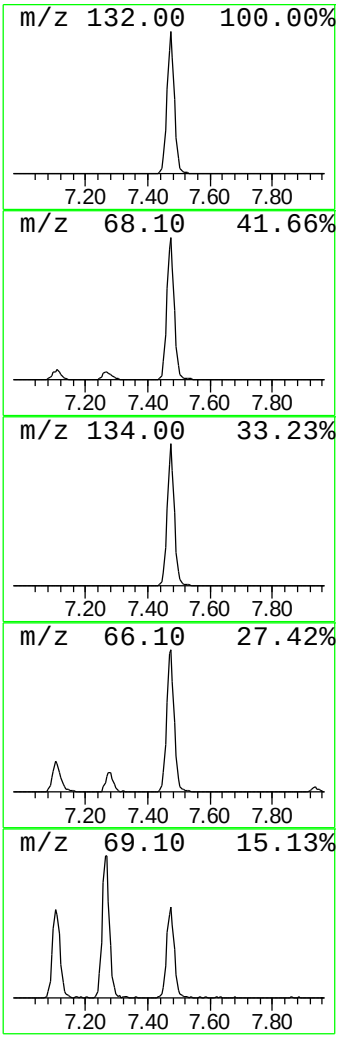
****

Peak Number 5 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	25.94 ng/ul	629088	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Acq On : 19 Aug 2020 13:25
Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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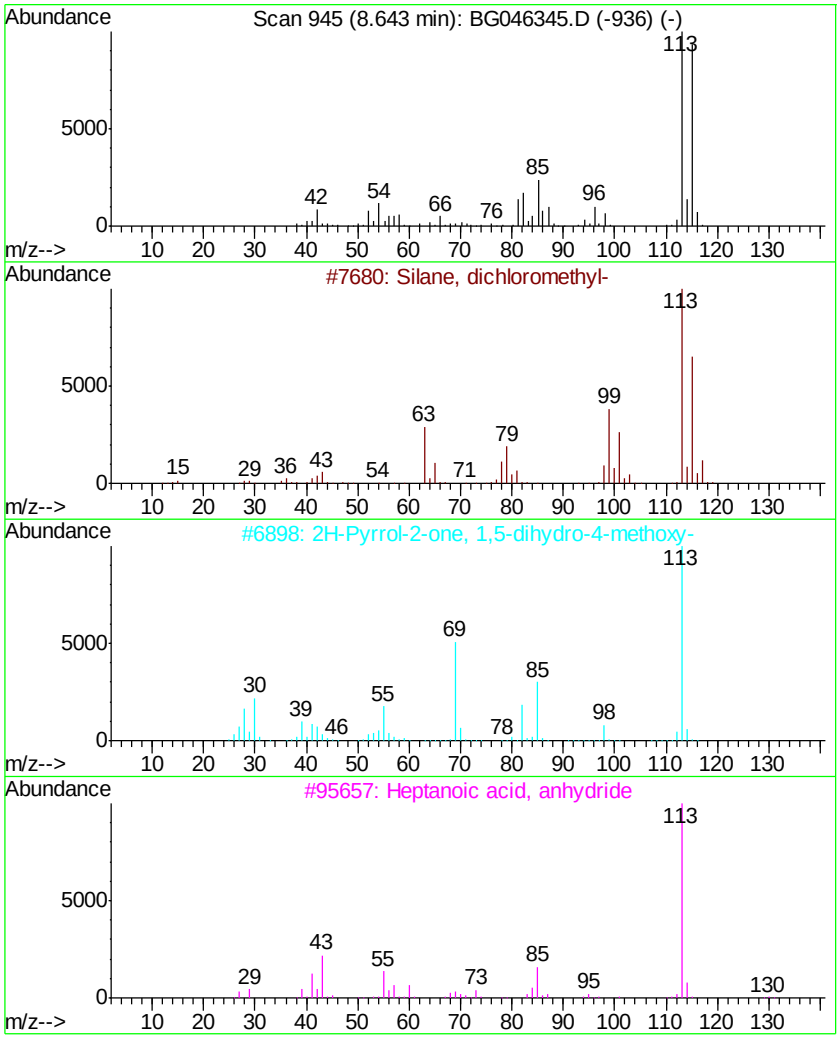
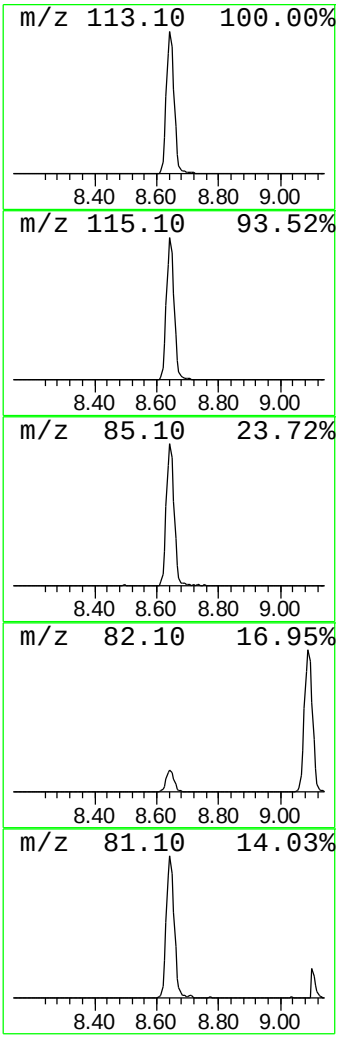
Peak Number 6 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	31.52 ng/ul	764453	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
4	3,4-Methylpropylsuccinimide	155	C8H13NO2	1000248-78-0	25
5	Furazan-3-amine, 4-methoxy-	115	C3H5N3O2	078350-48-8	25





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Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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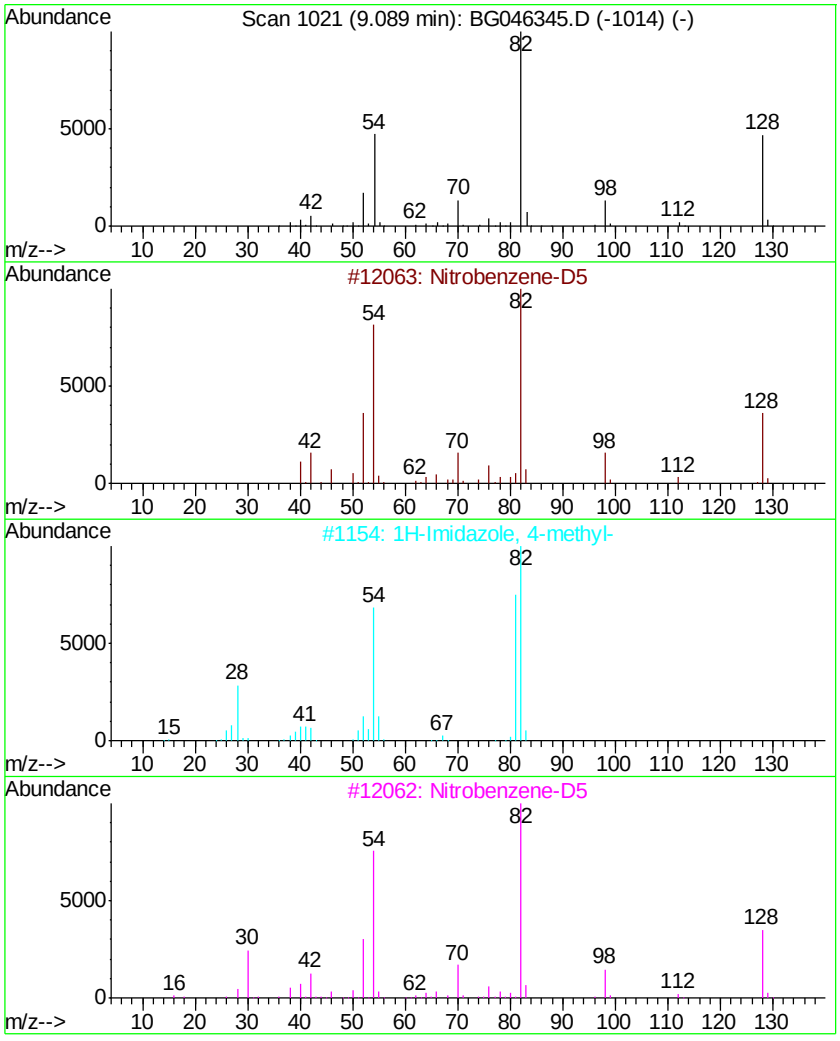
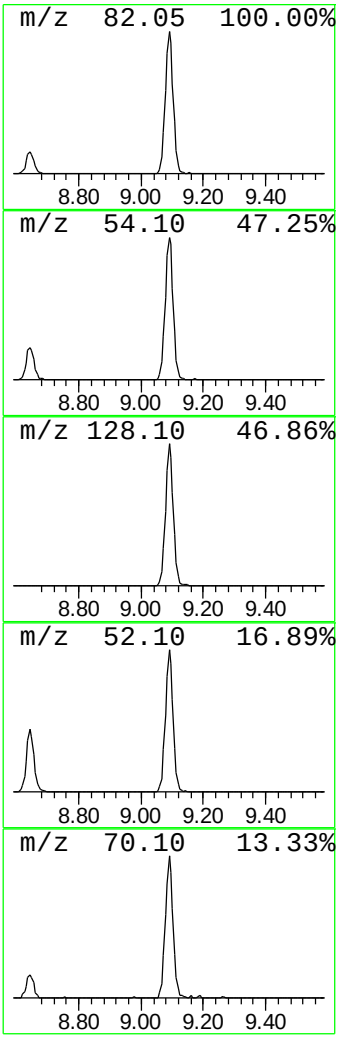
Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	24.56 ng/ul	595595	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	64
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	9
5	Cyclohexanol, 2,2-dimethyl-	128	C8H16O	001193-46-0	7





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ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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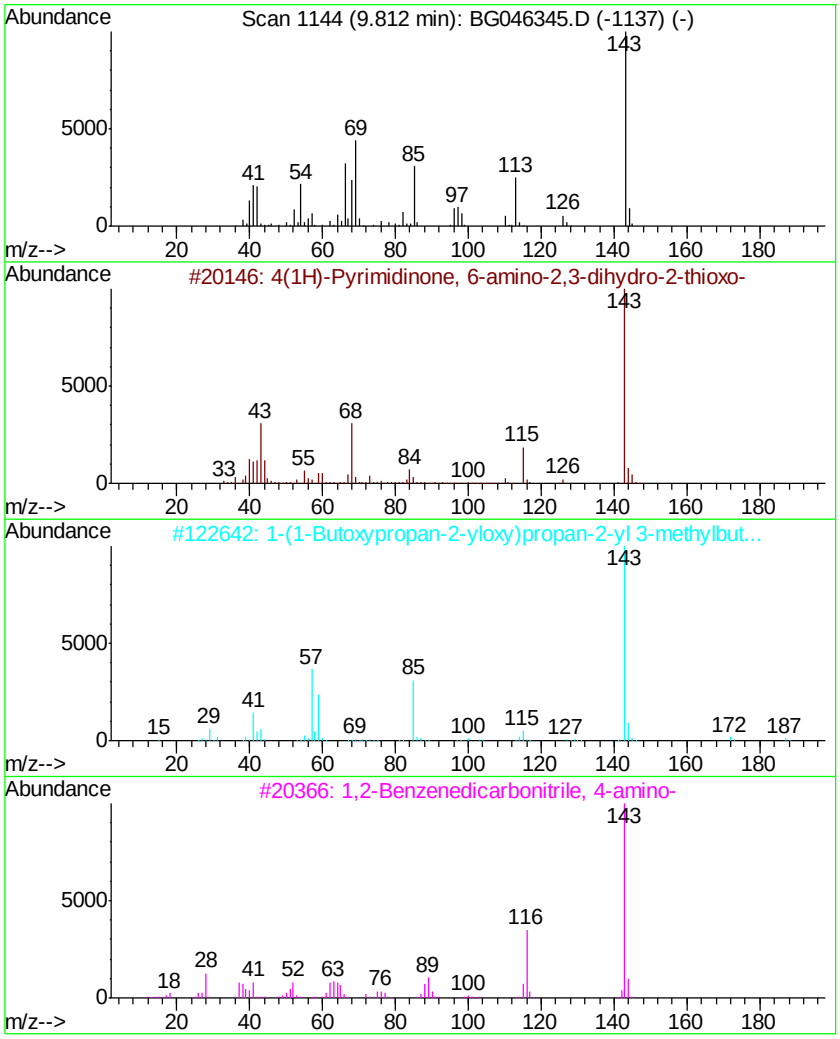
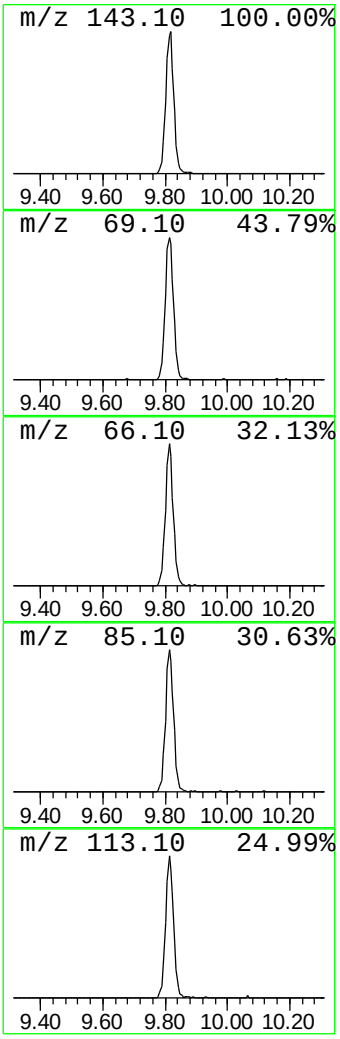
Peak Number 8 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	13.85 ng/ul	511586	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	27
2	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	22
3	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12
5	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	12





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Sample : L3633-16
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Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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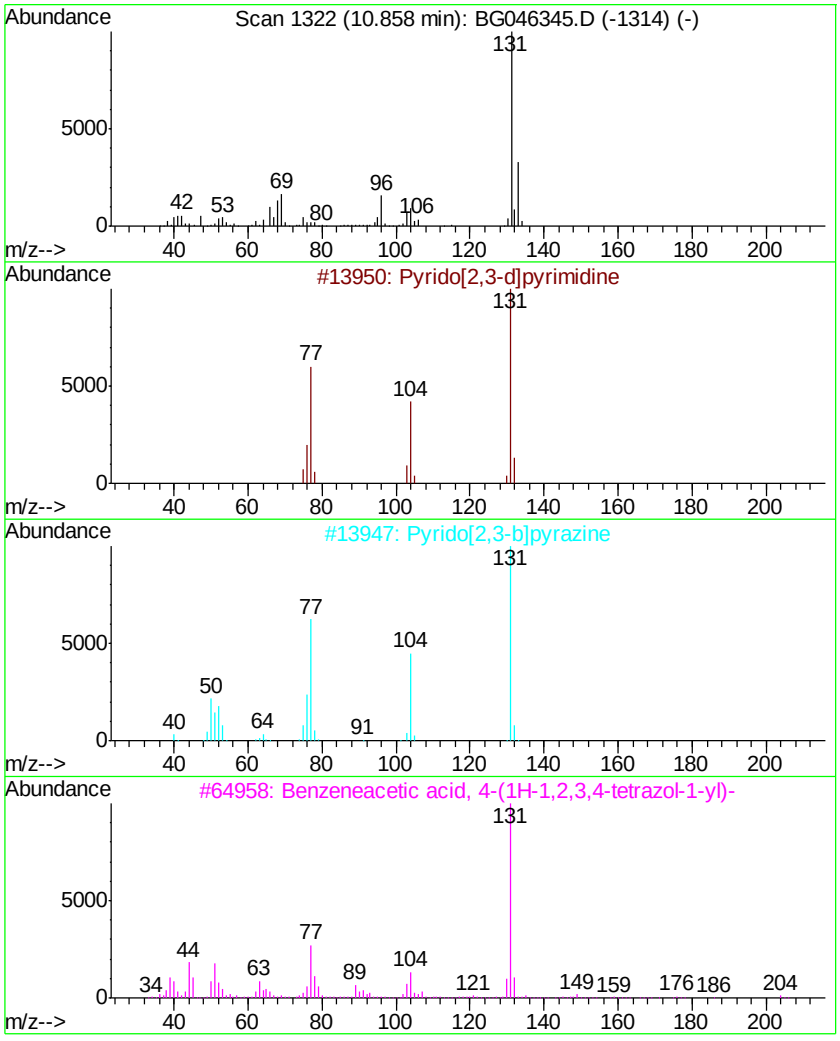
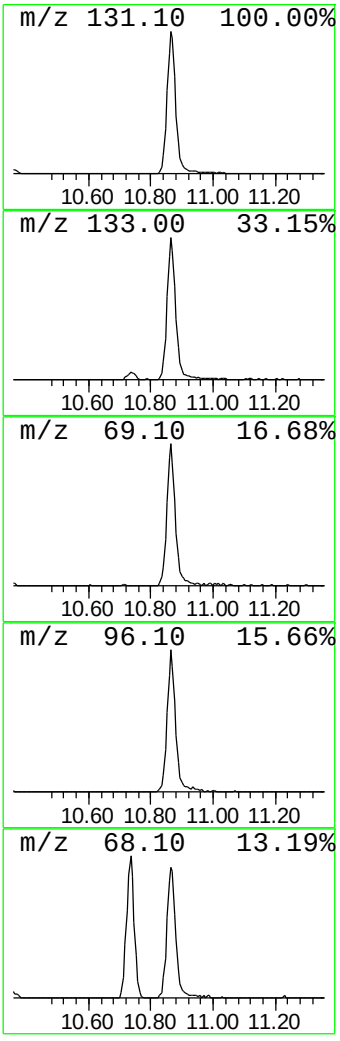
Peak Number 9 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	16.07 ng/ul	593793	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	40
2	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
3	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
4	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
5	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9





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ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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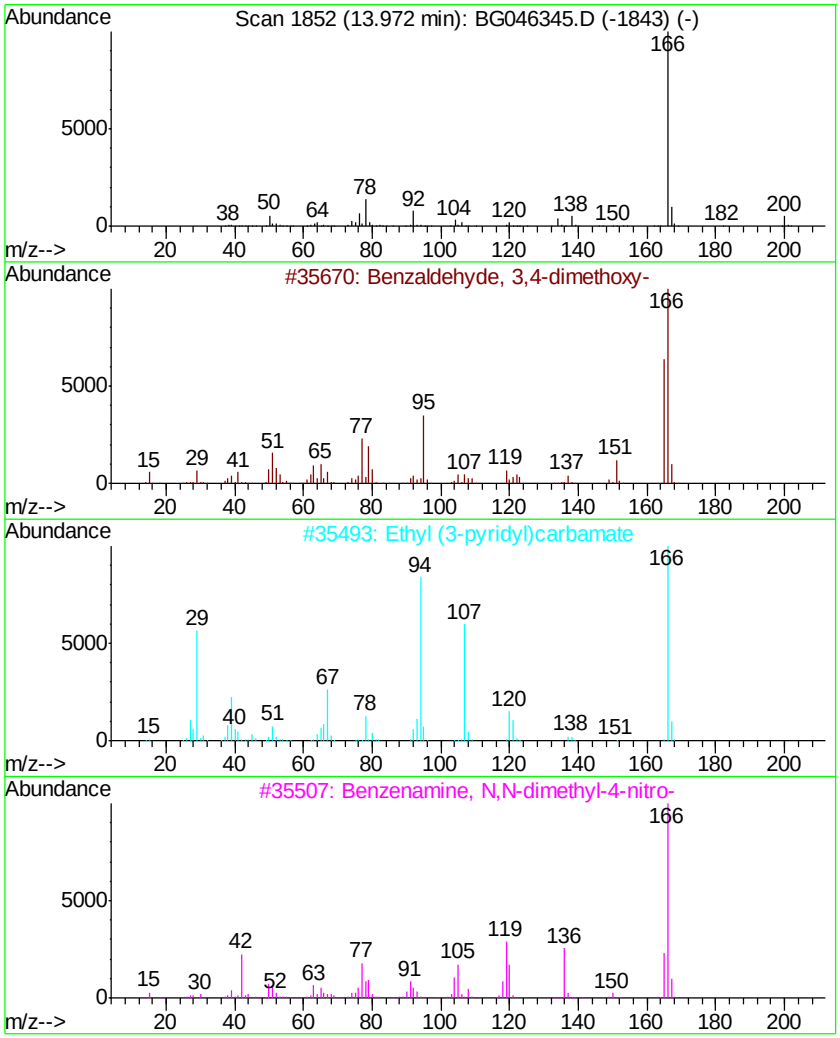
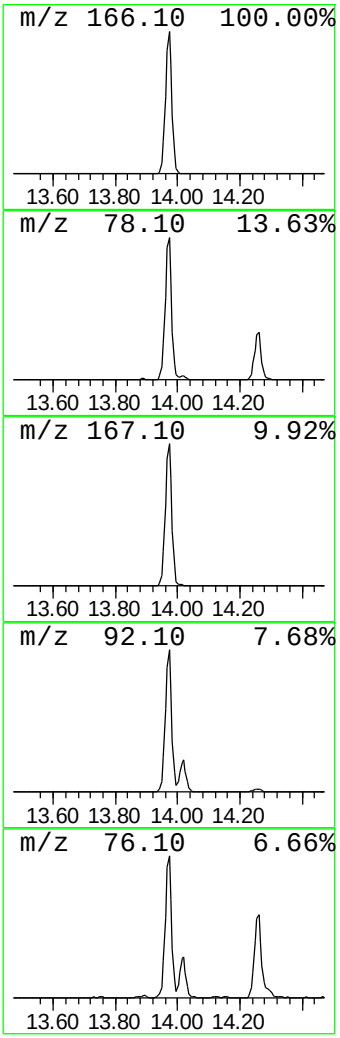
Peak Number 10 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	24.55 ng/ul	1314610	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
3	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
4	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
5	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36





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ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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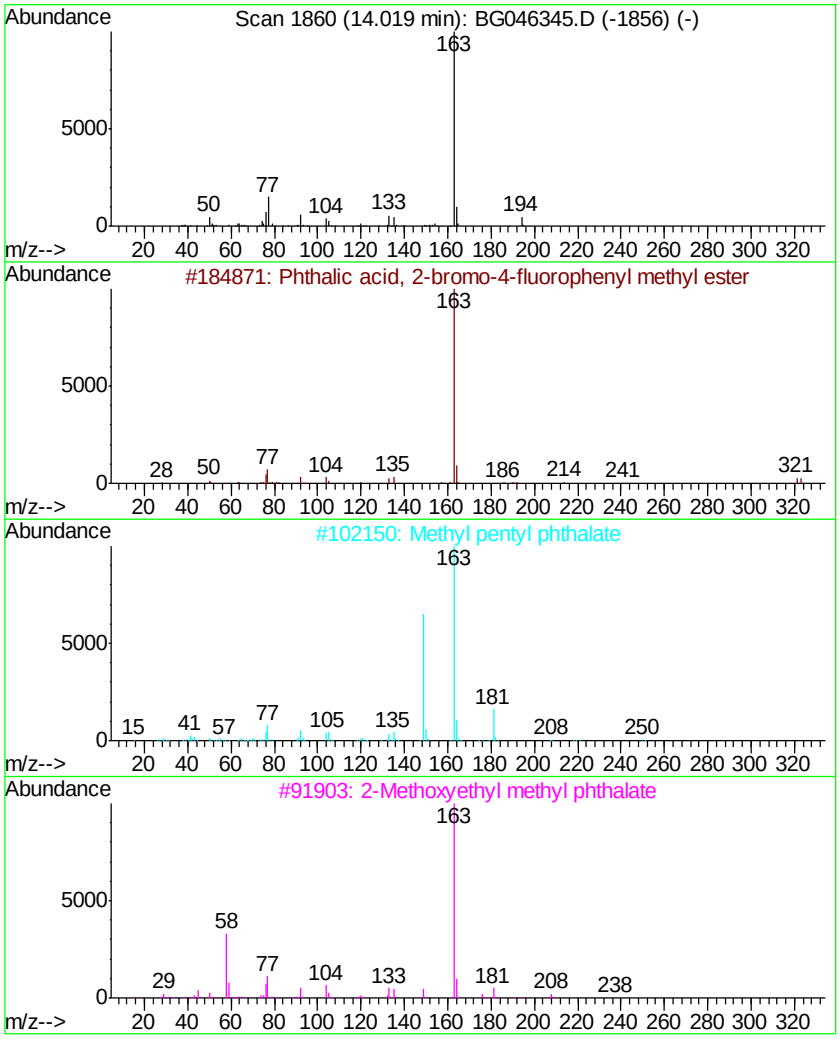
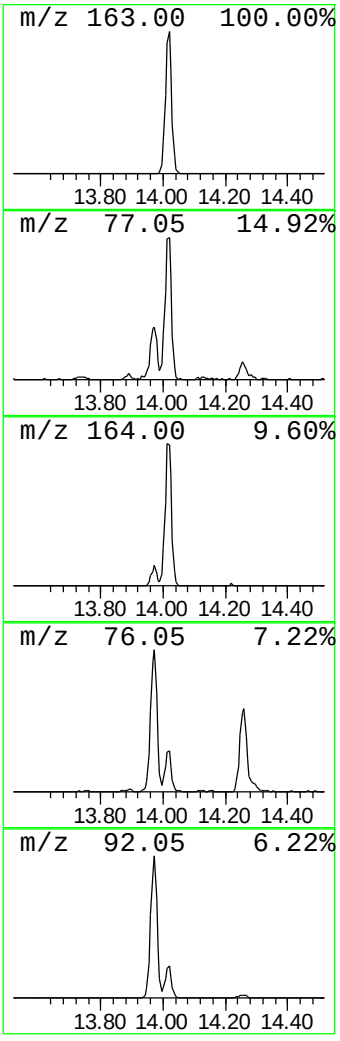
Peak Number 11 Phthalic acid, 2-bromo-4-fl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	5.91 ng/ul	316480	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	83
2	Methyl pentyl phthalate	250	C14H18O4	1000373-89-5	83
3	2-Methoxyethyl methyl phthalate	238	C12H14O5	1000373-89-4	72
4	Phthalic acid, methyl 2-nitrophe...	301	C15H11NO6	1000315-68-3	72
5	Isobutyl methyl phthalate	236	C13H16O4	1000373-89-3	72





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Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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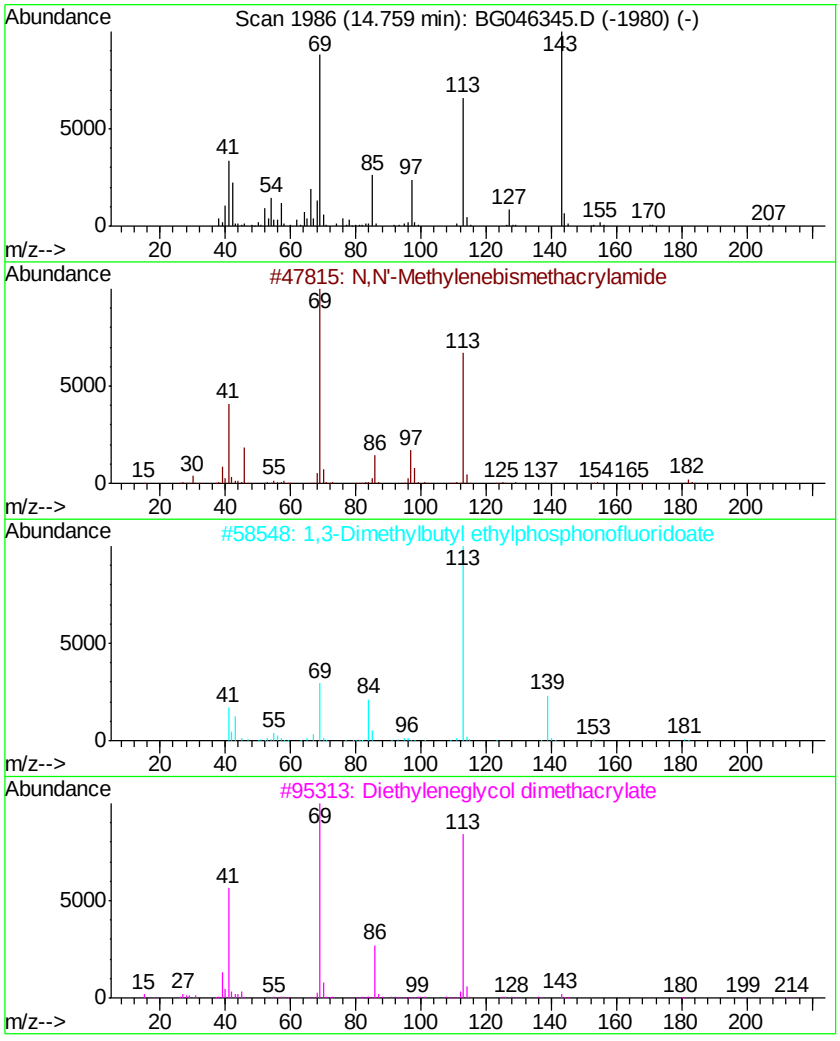
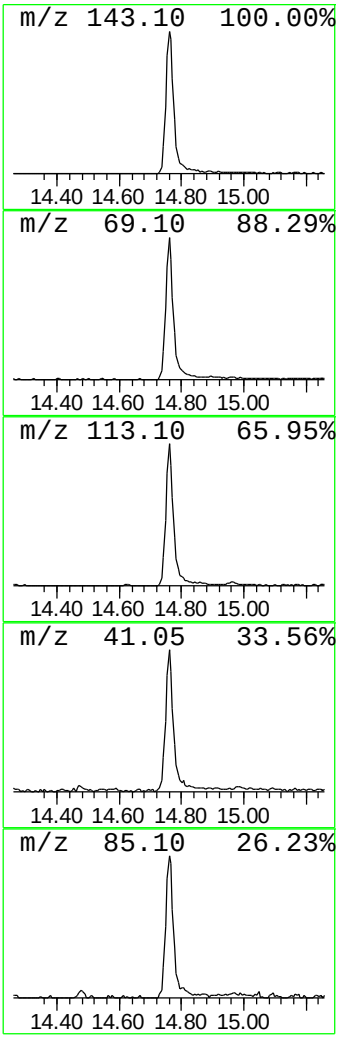
Peak Number 12 unknown-08 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	9.11 ng/ul	487843	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	35
2	1,3-Dimethylbutyl ethylphosphono...	196	C8H18FO2P	1000298-32-2	32
3	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	25
4	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22
5	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	16





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Misc :
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Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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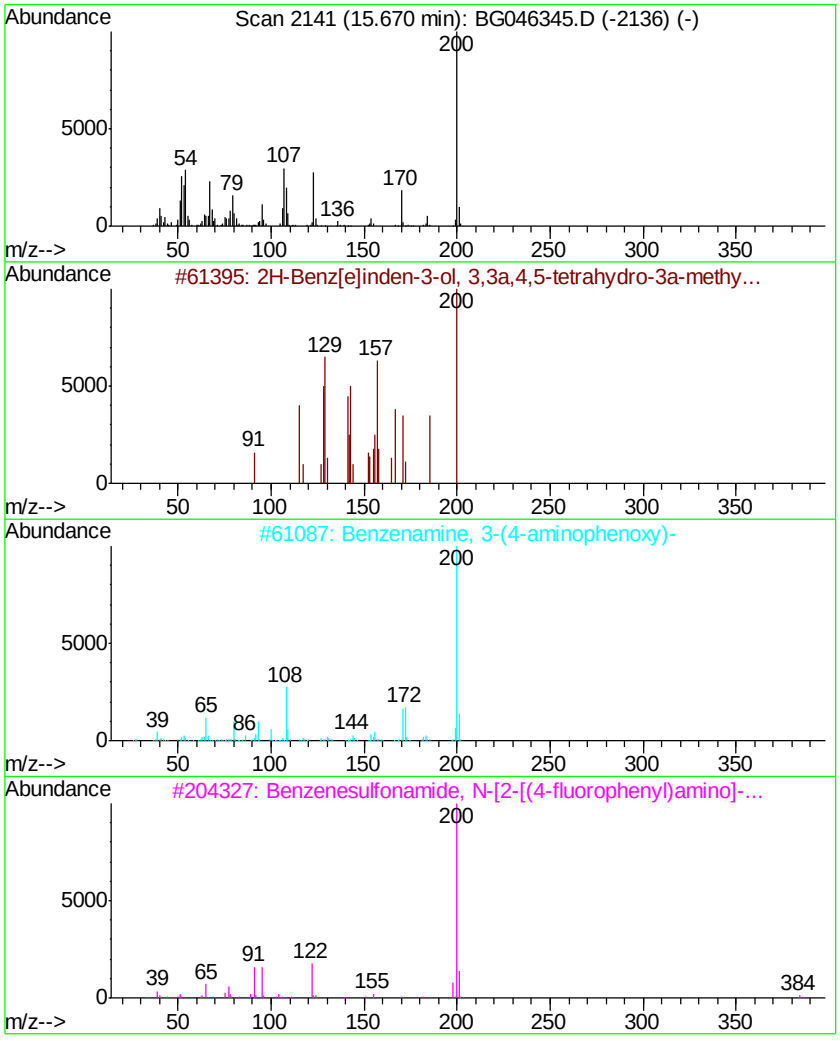
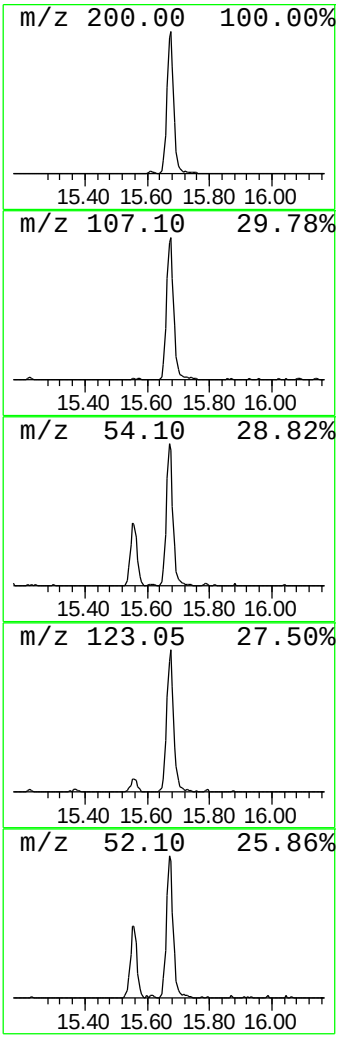
Peak Number 13 unknown-09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	9.06 ng/ul	484949	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	35
2	Benzenamine, 3-(4-aminophenoxy)-	200	C12H12N2O	002657-87-6	27
3	Benzenesulfonamide, N-[2-[(4-flu...	384	C21H21FN2O2S	1000319-67-4	22
4	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	14
5	6-Phenyl-1,6-dihydro-furo[3,4-d]...	200	C11H8N2O2	313263-12-6	12





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Quant Title : SVOA CALIBRATION

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

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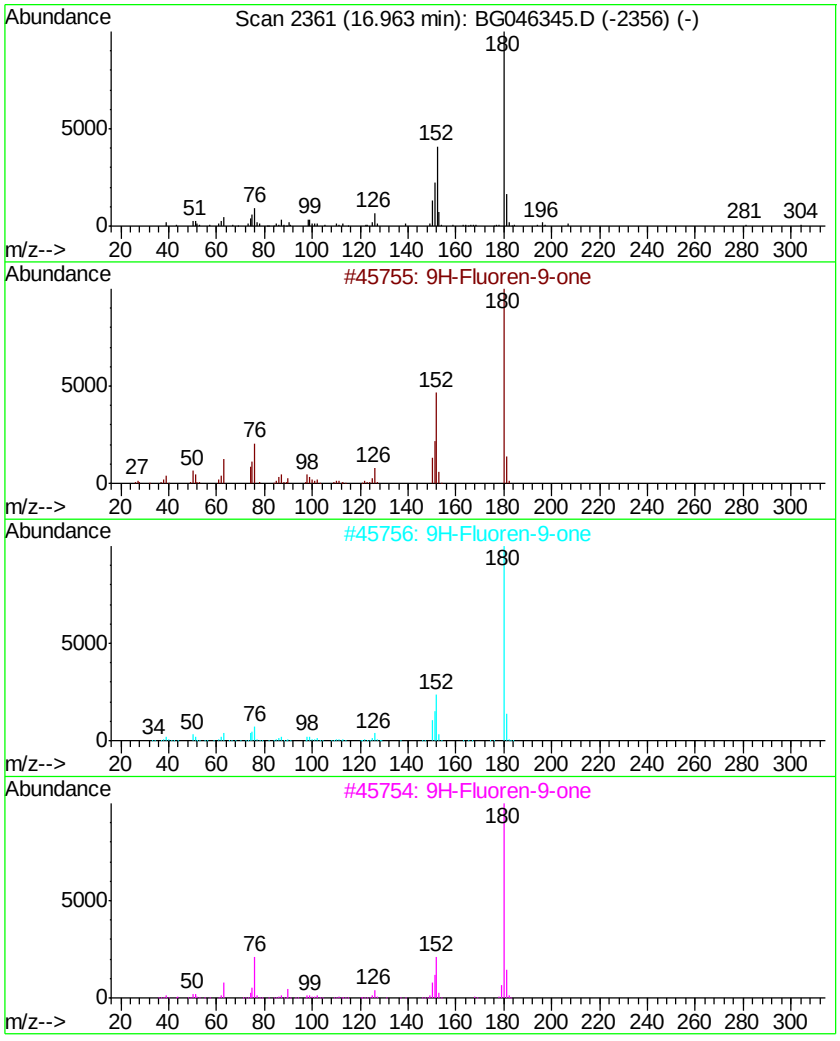
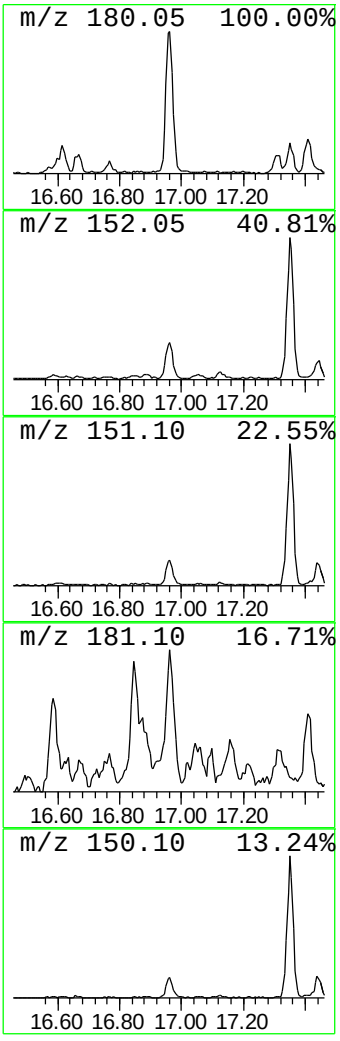
Peak Number 14 9H-Fluoren-9-one Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	2.11 ng/ul	135486	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





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ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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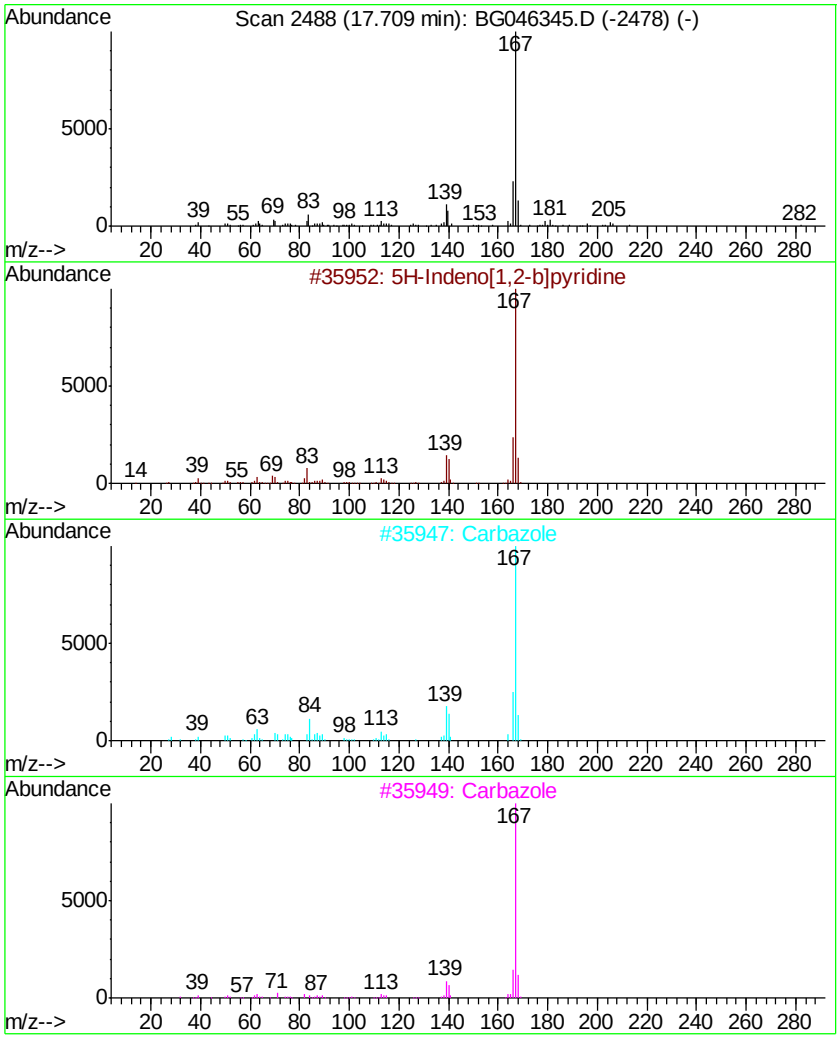
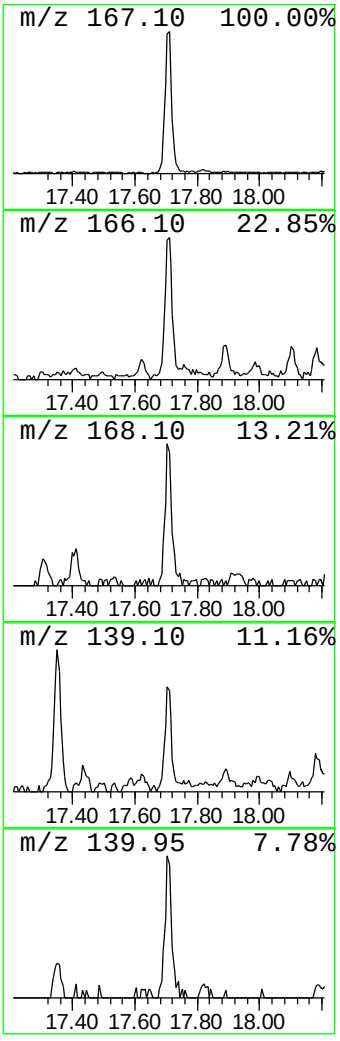
Peak Number 15 5H-Indeno[1,2-b]pyridine Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	2.34 ng/ul	150178	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
2	Carbazole	167	C12H9N	000086-74-8	90
3	Carbazole	167	C12H9N	000086-74-8	87
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86
5	2-Azafluorene	167	C12H9N	000244-40-6	86





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ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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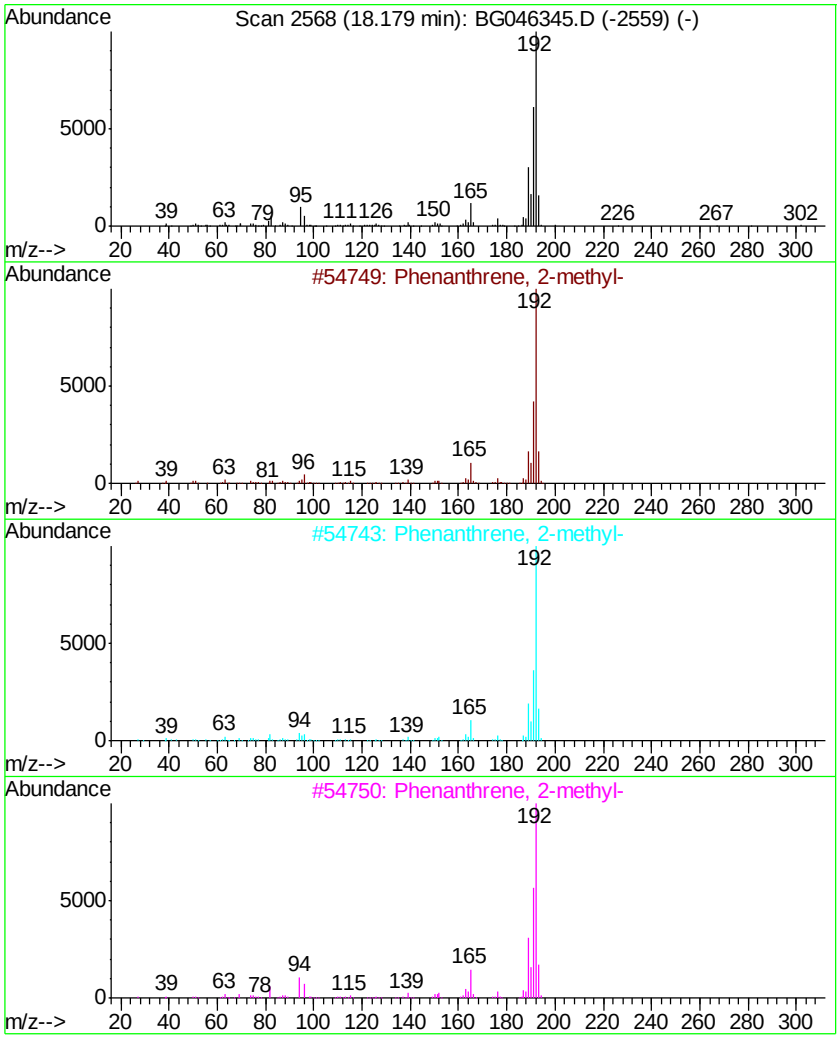
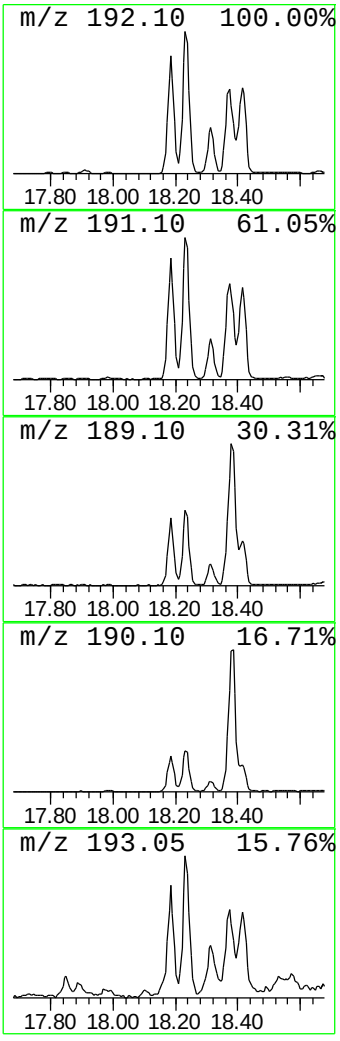
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	5.98 ng/ul	383657	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

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Data File : BG046345.D
Acq On : 19 Aug 2020 13:25
Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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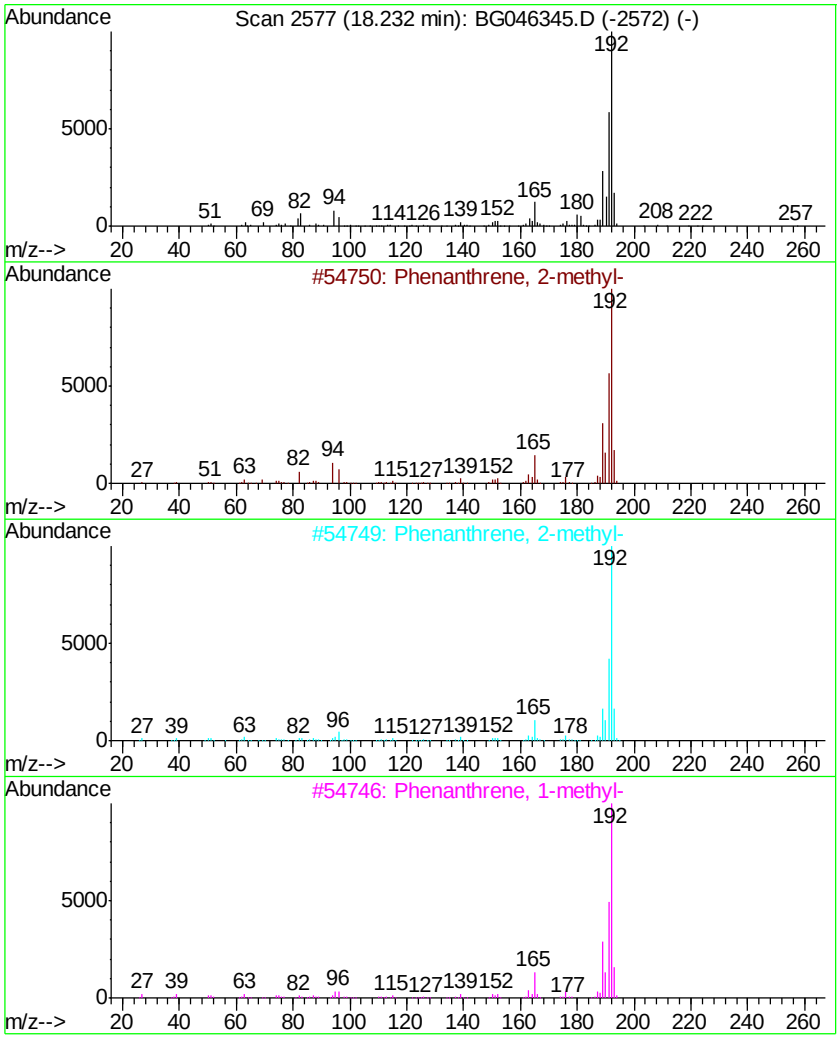
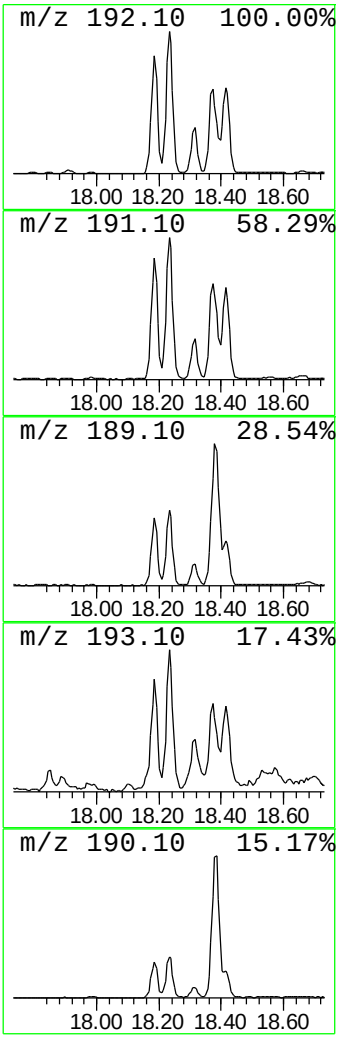
Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	8.92 ng/ul	572459	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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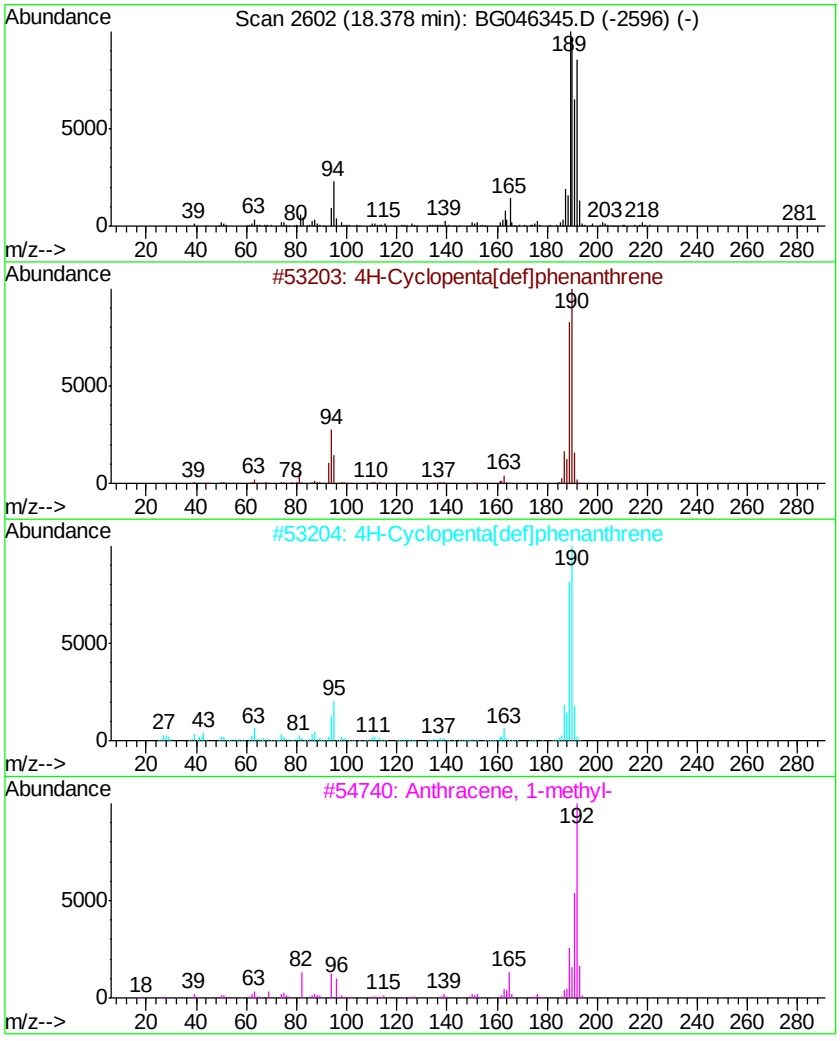
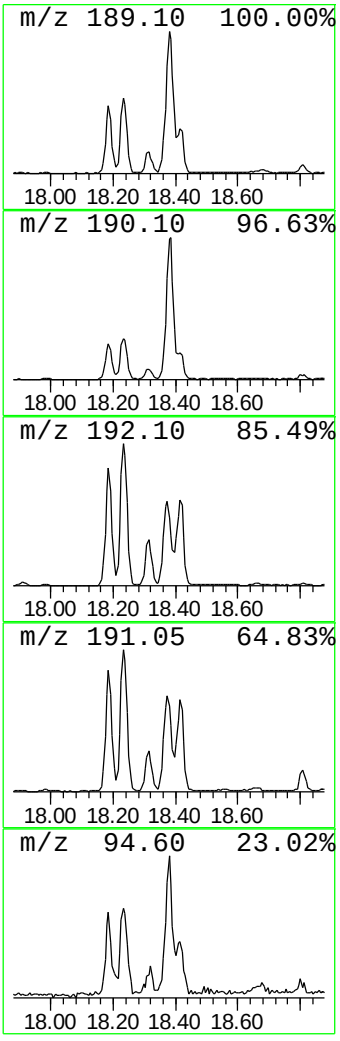
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	7.74 ng/ul	496370	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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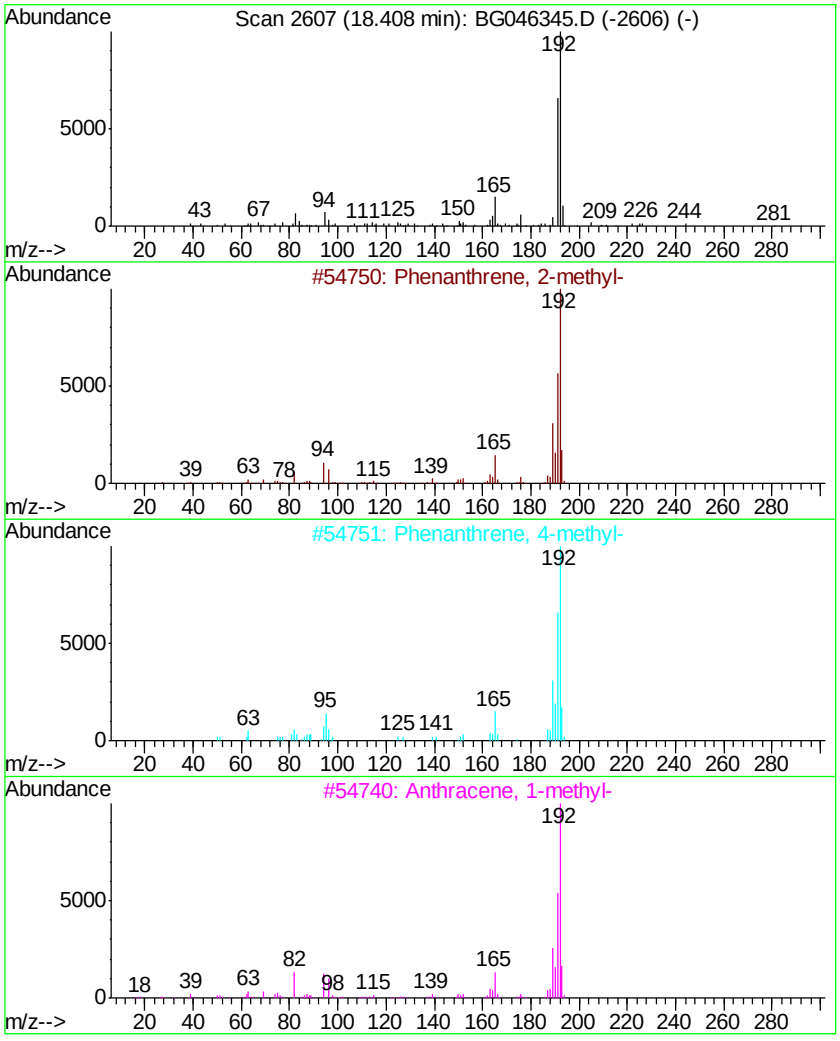
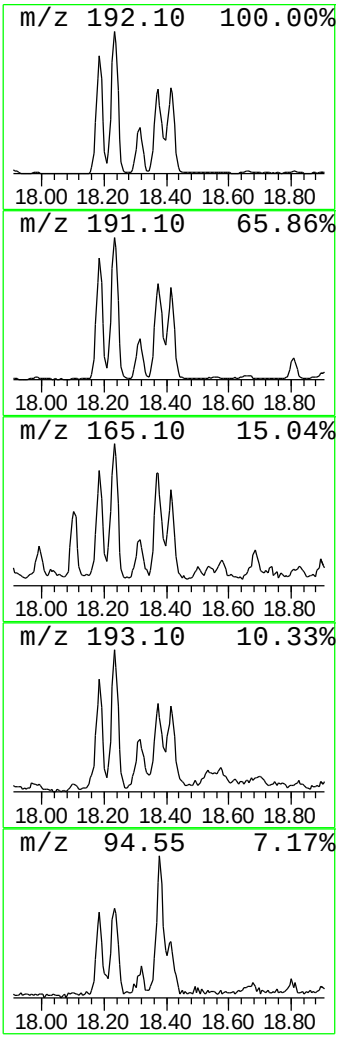
Peak Number 19 Phenanthrene, 4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.22 ng/ul	206326	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83





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Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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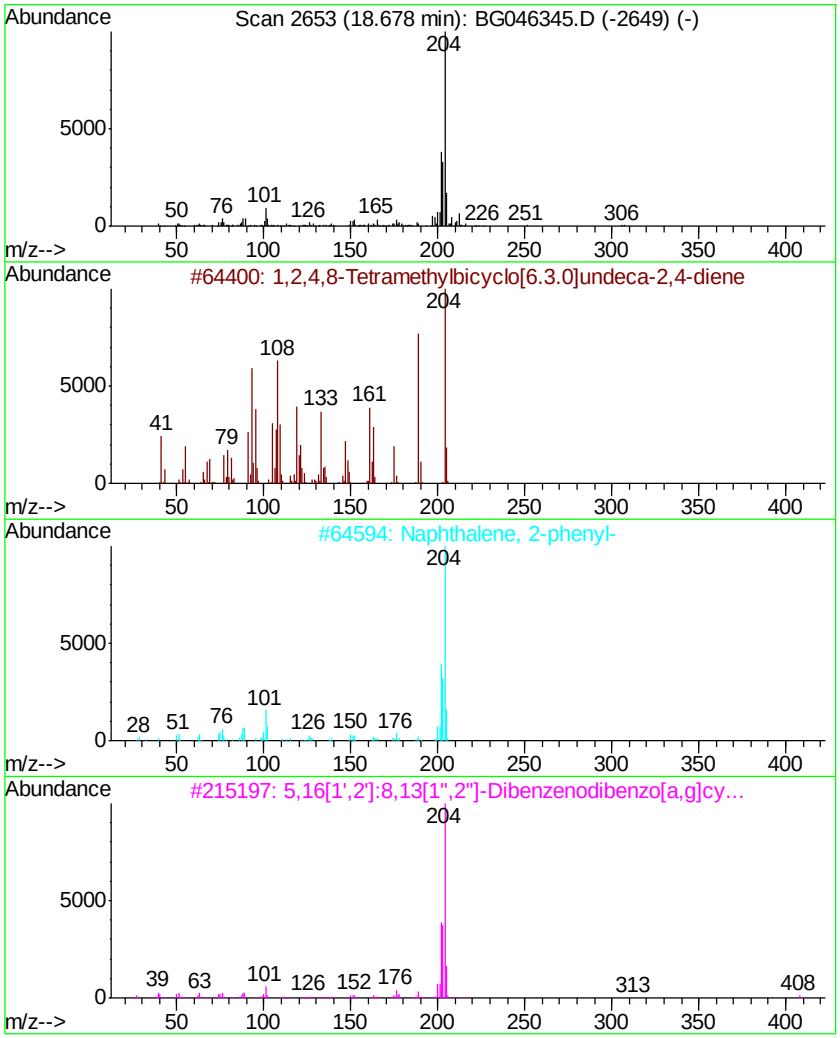
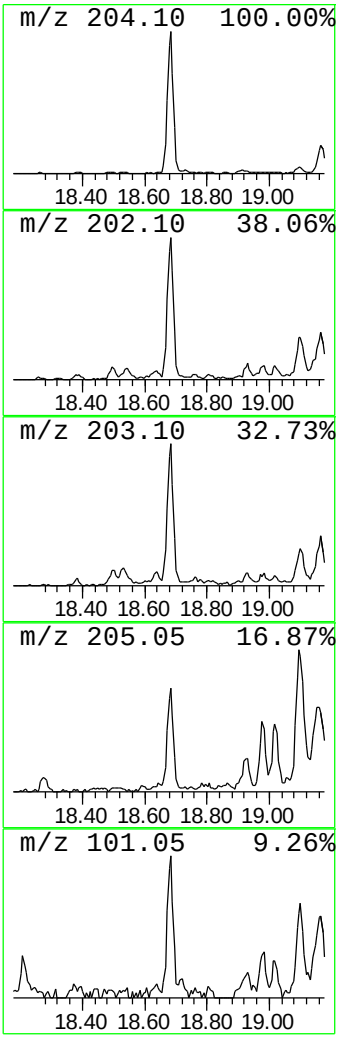
Peak Number 20 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	3.76 ng/ul	241026	Phenanthrene-d10	17.31

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	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74





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Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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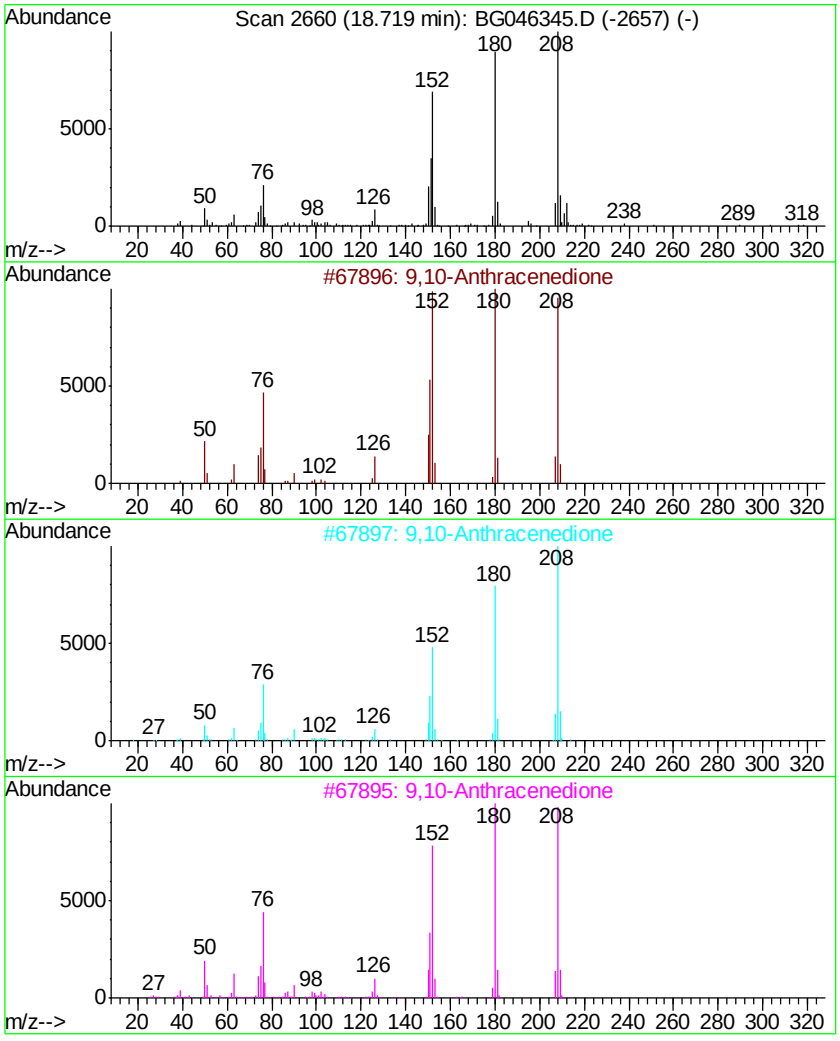
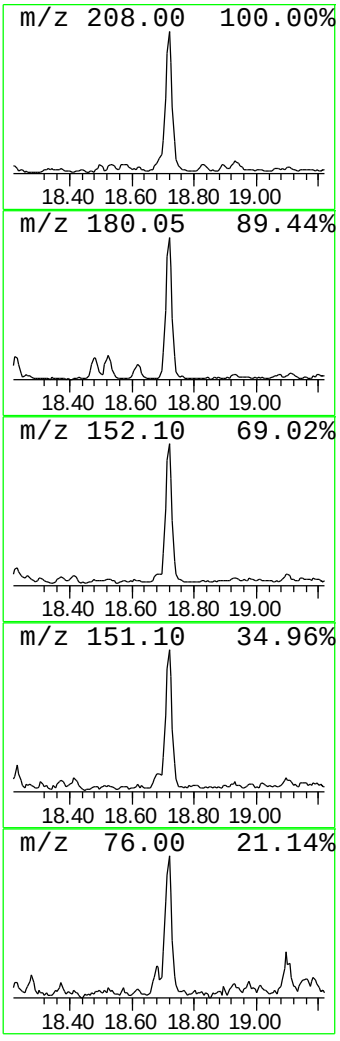
Peak Number 21 9,10-Anthracenedione Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	3.80 ng/ul	243658	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Sample : L3633-16
Misc :
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Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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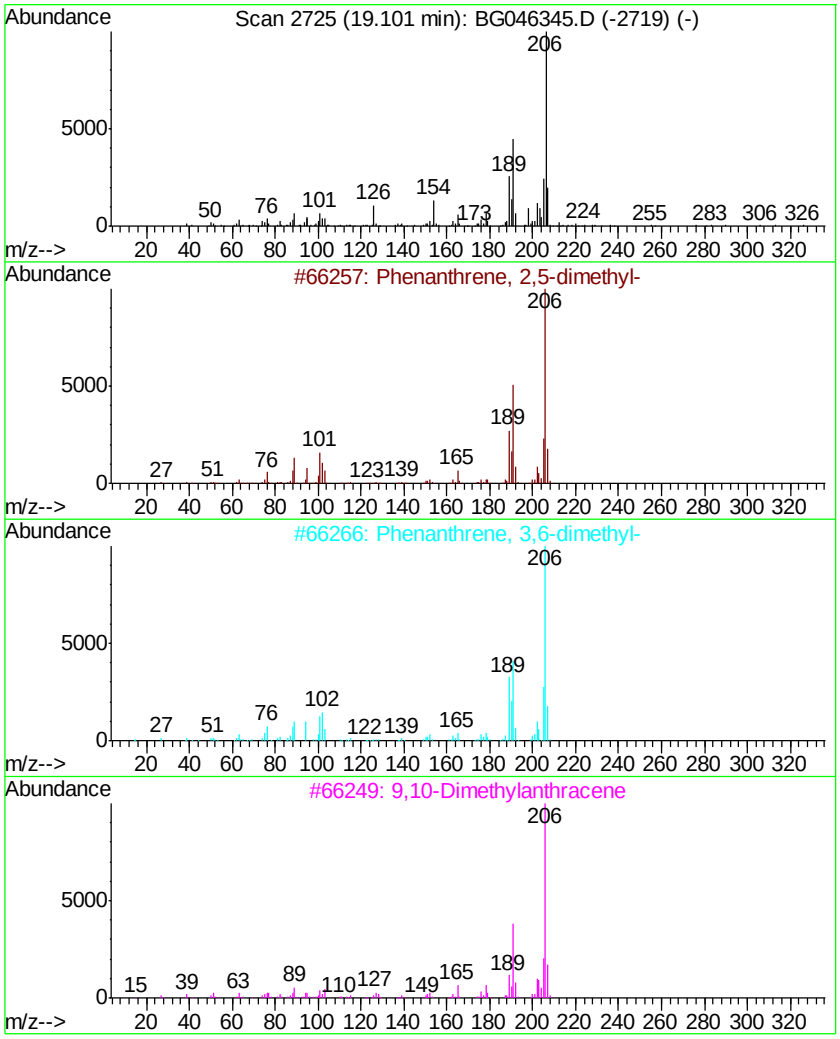
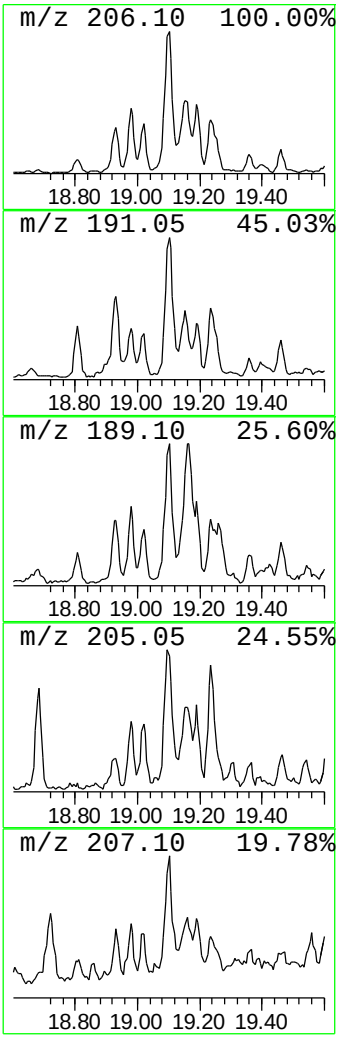
Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	4.88 ng/ul	312994	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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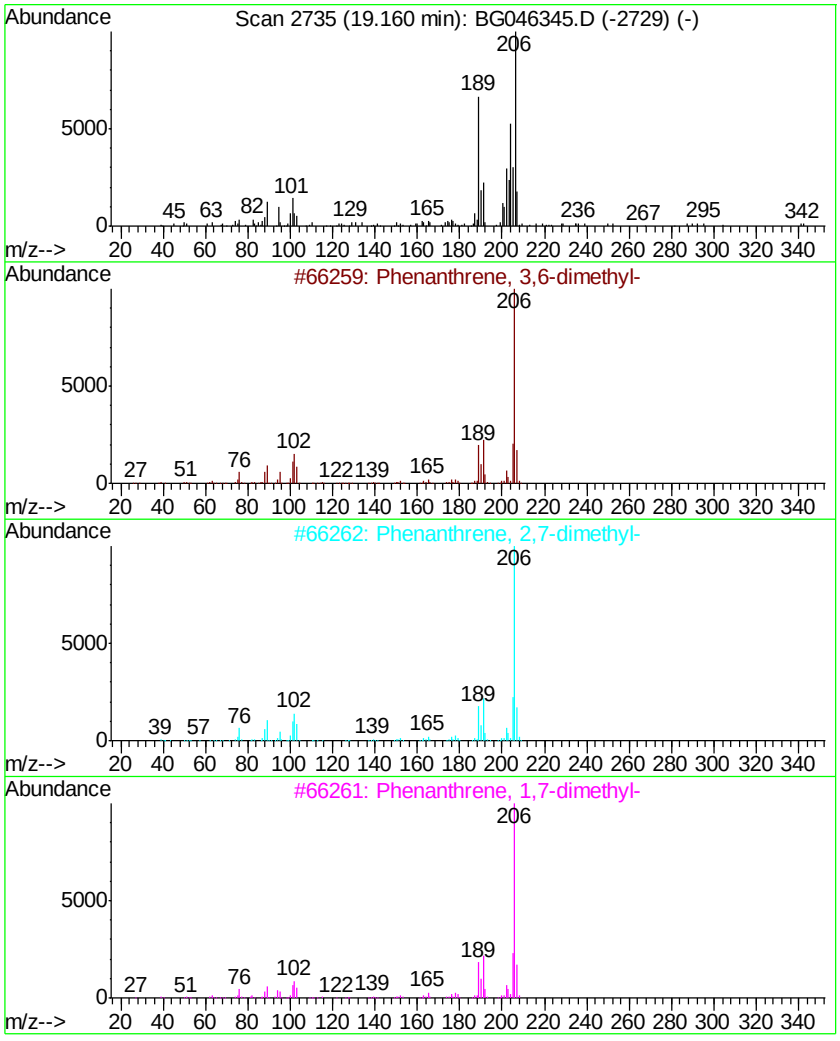
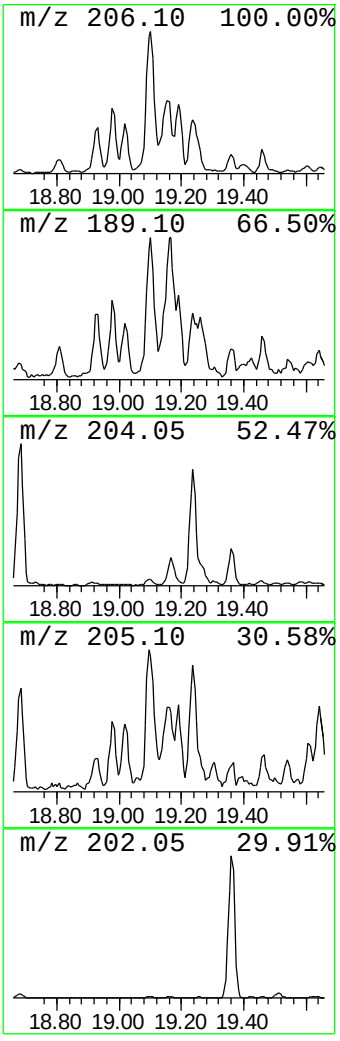
Peak Number 23 unknown-10 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.28 ng/ul	210695	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	46
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	46
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	43





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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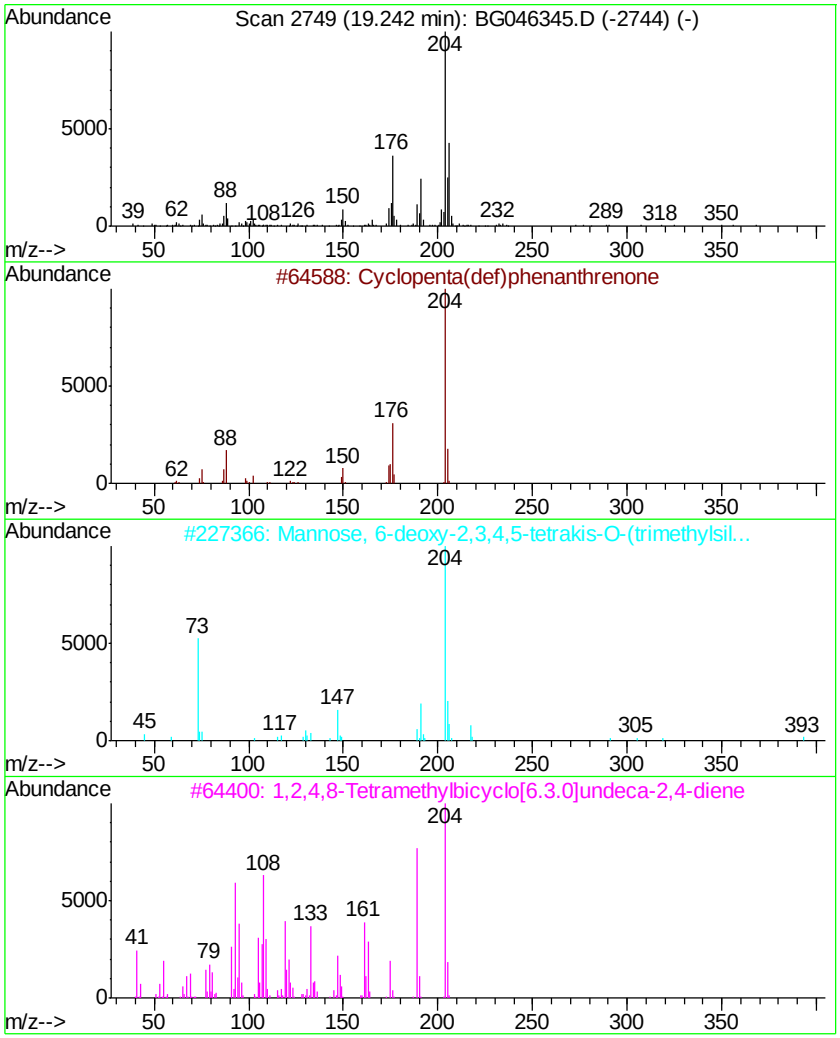
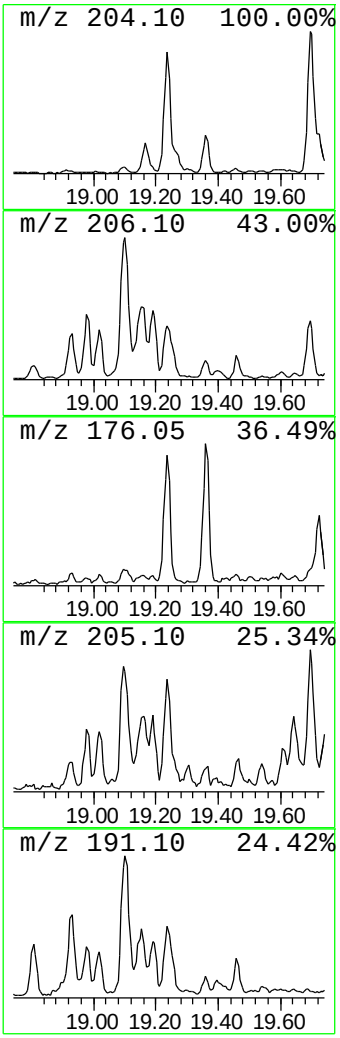
Peak Number 24 Cyclopenta(def)phenanthrenone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	4.26 ng/ul	273237	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
5	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	43





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ClientSampleId : BFME4

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Quant Title : SVOA CALIBRATION

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

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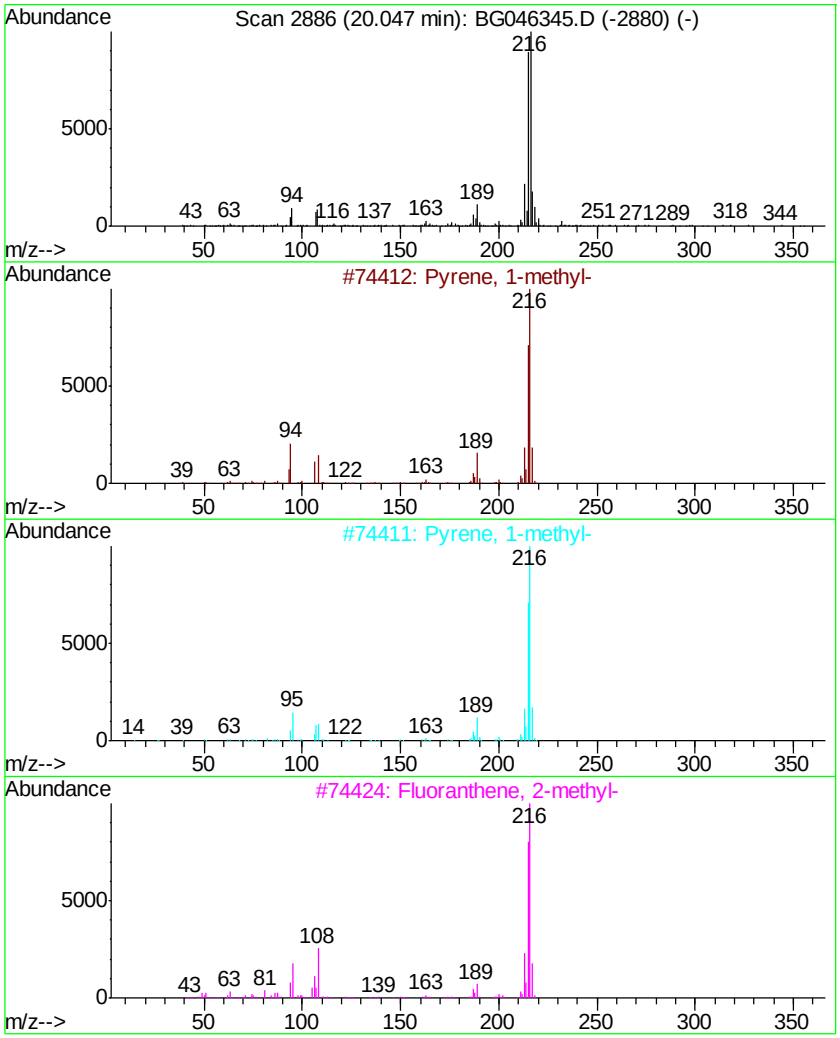
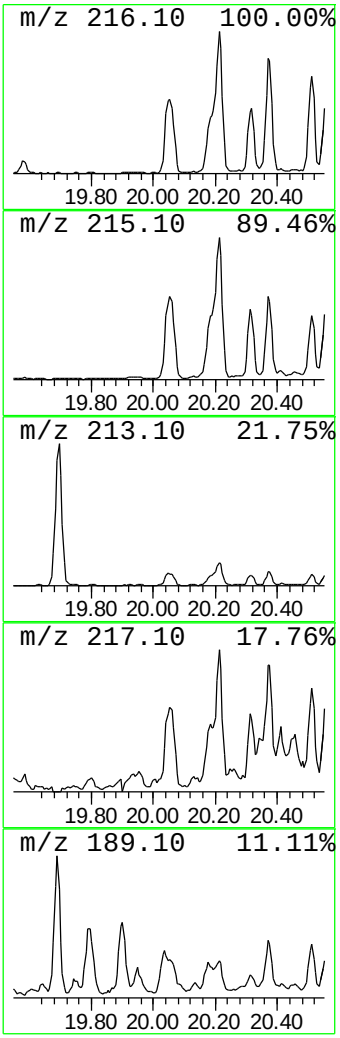
Peak Number 25 Pyrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	3.35 ng/ul	522425	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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ALS Vial : 8 Sample Multiplier: 1

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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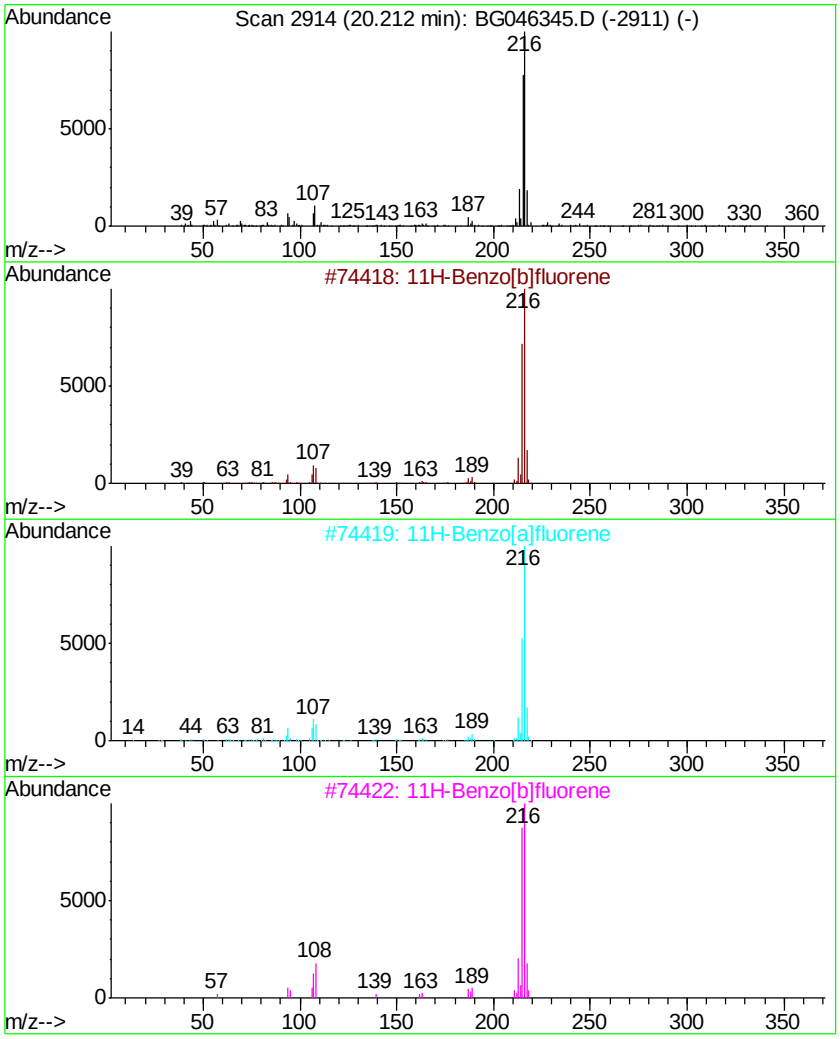
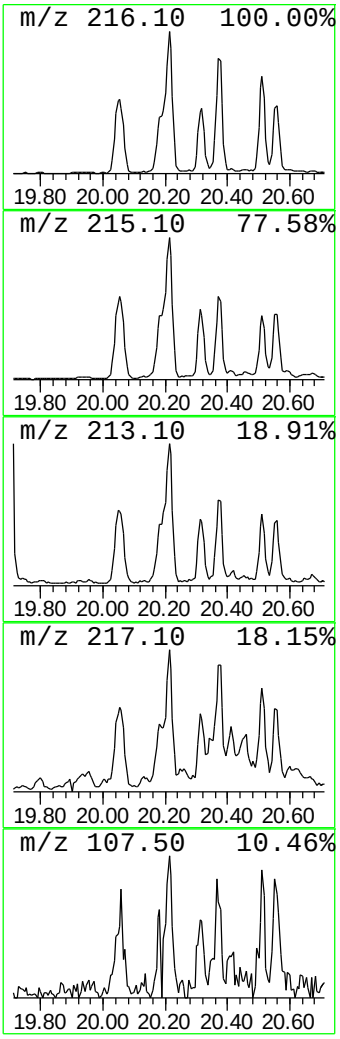
Peak Number 26 11H-Benzo[b]fluorene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.26 ng/ul	352681	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Quant Title : SVOA CALIBRATION

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

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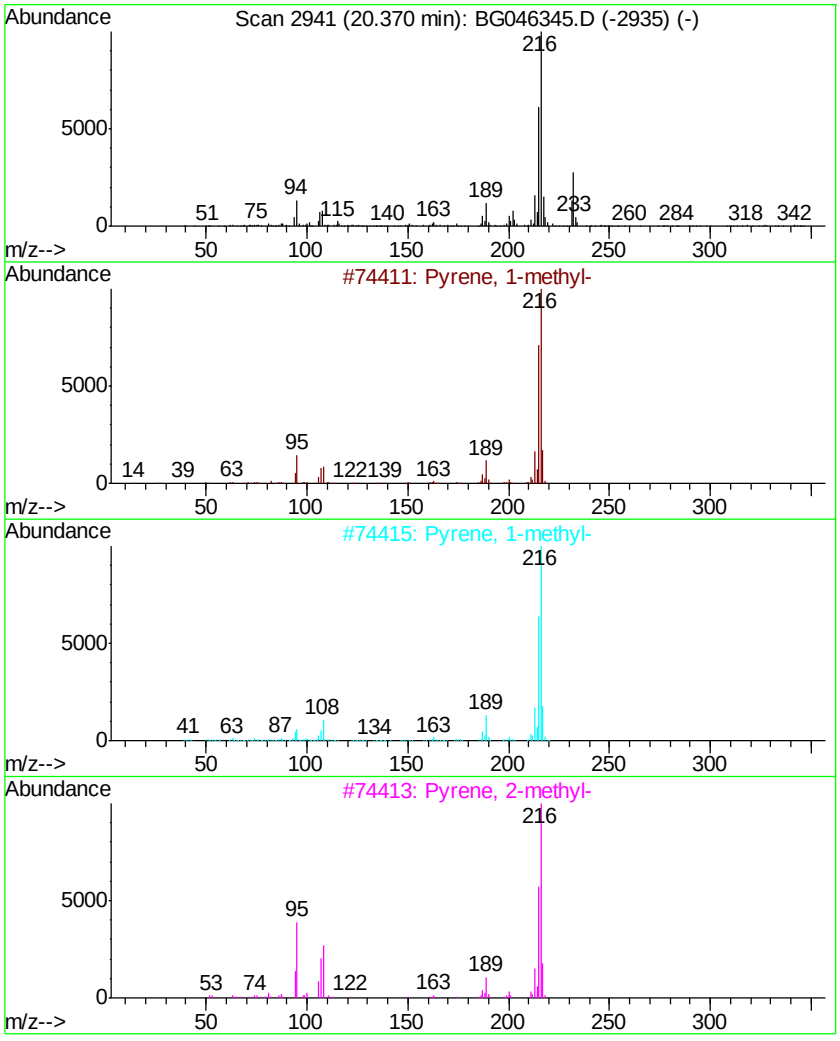
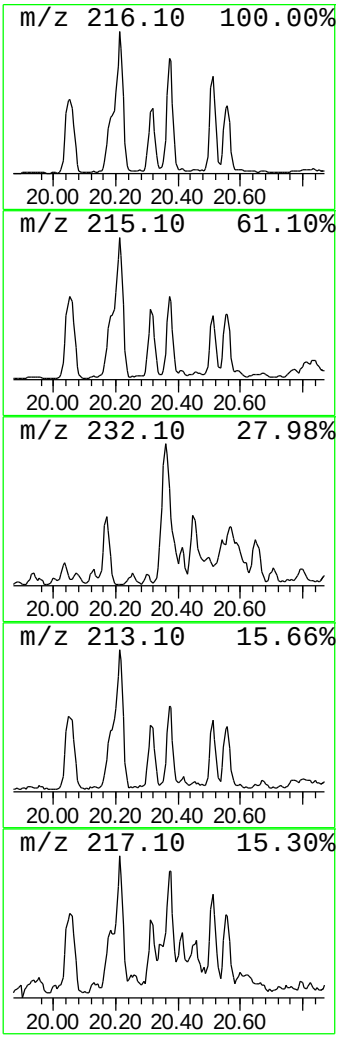
Peak Number 27 Pyrene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.83 ng/ul	441940	Chrysene-d12	21.56

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	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86





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Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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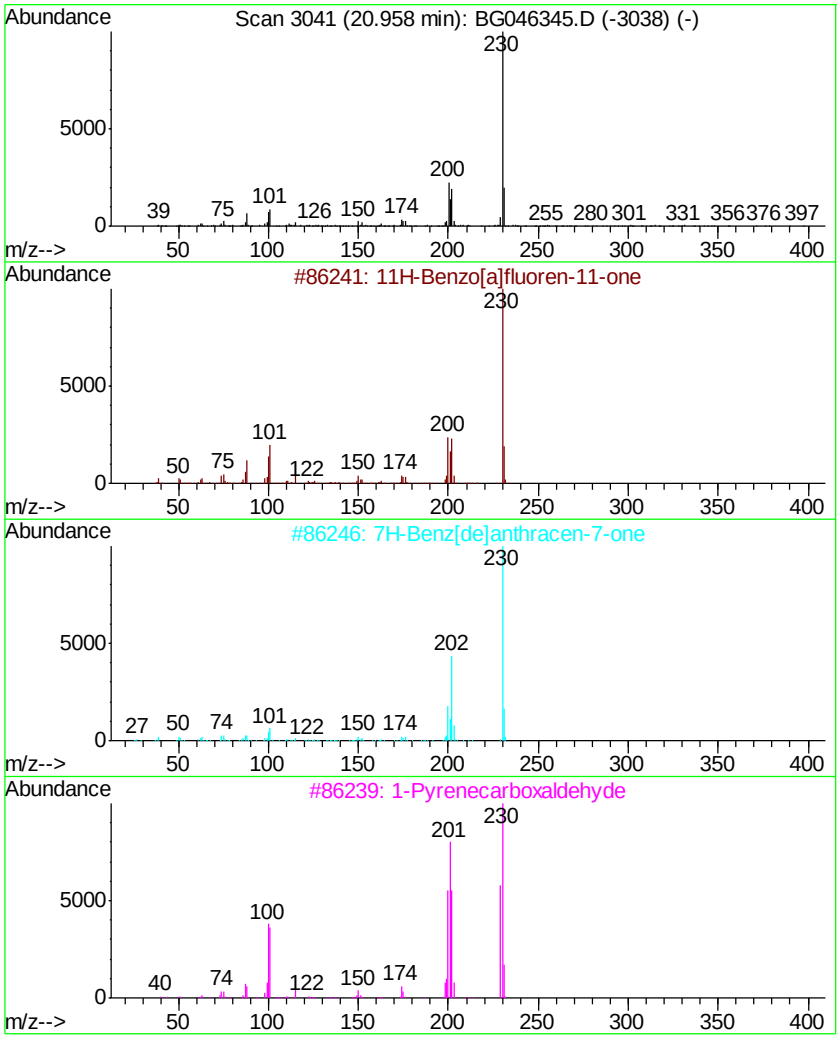
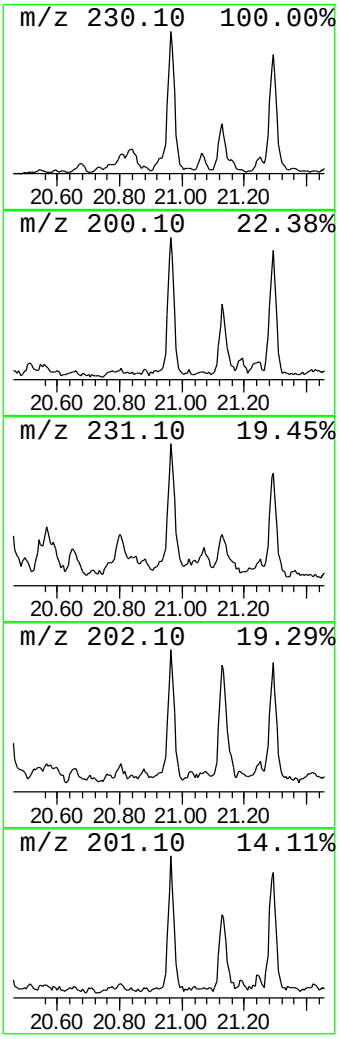
Peak Number 28 11H-Benzo[a]fluoren-11-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.41 ng/ul	375623	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046345.D
Acq On : 19 Aug 2020 13:25
Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

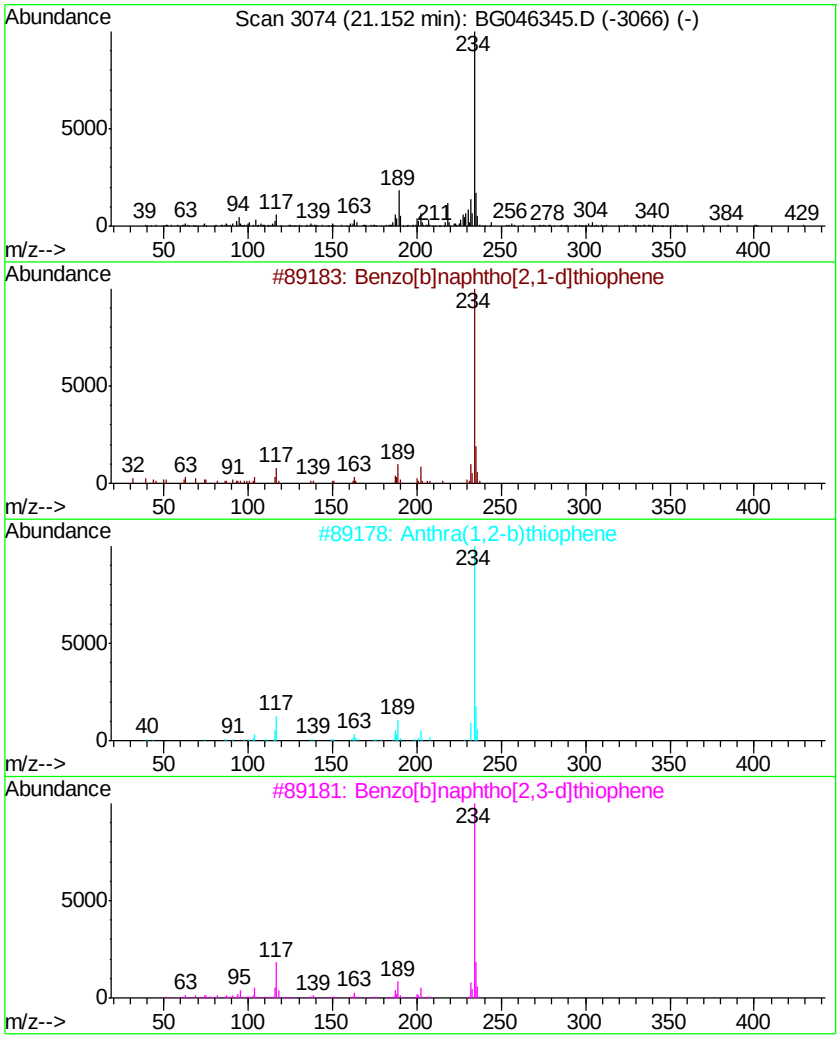
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

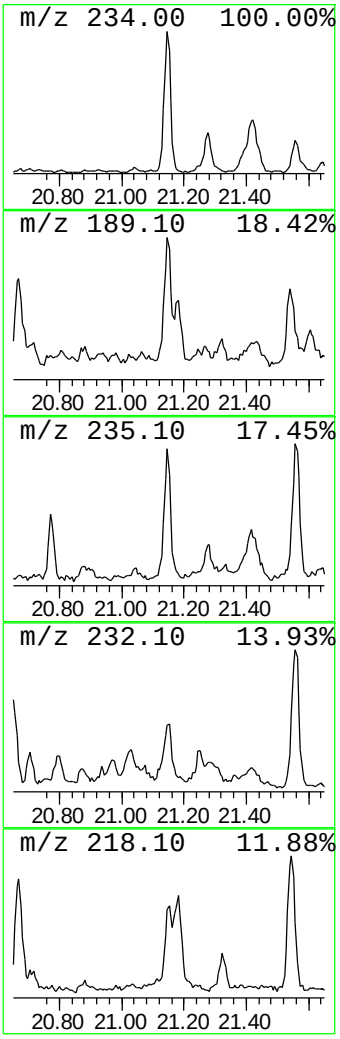
****

Peak Number 29 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.47 ng/ul	385636	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87





Library Search Compound Report

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Data File : BG046345.D
Acq On : 19 Aug 2020 13:25
Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

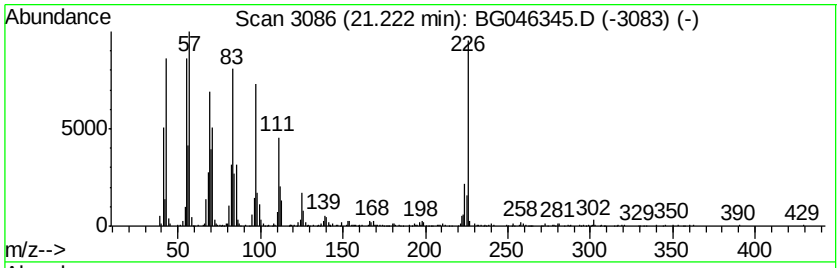
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

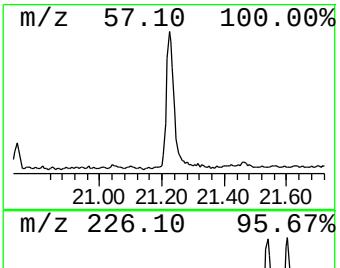
****

Peak Number 30 (DEL) Alkane: Cyclic21.22 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	5.78 ng/ul	902186	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	Cycloeicosane	280	C20H40	000296-56-0	92
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	89





Library Search Compound Report

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Data File : BG046345.D
Acq On : 19 Aug 2020 13:25
Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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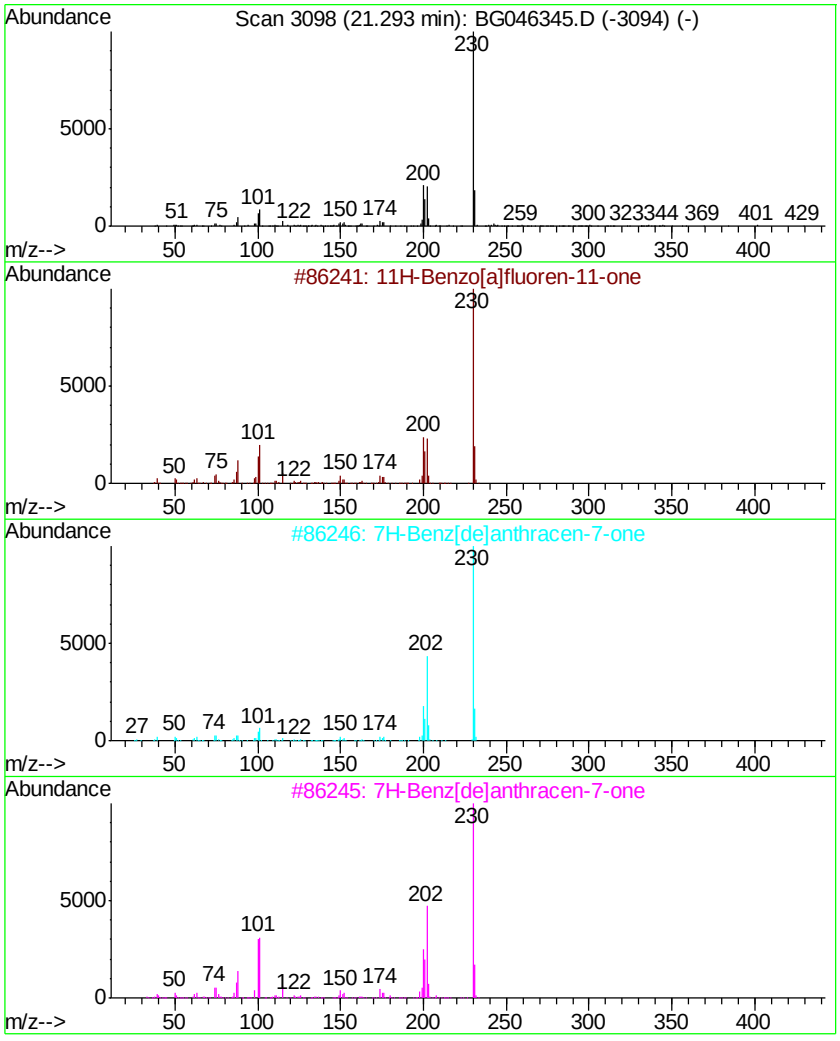
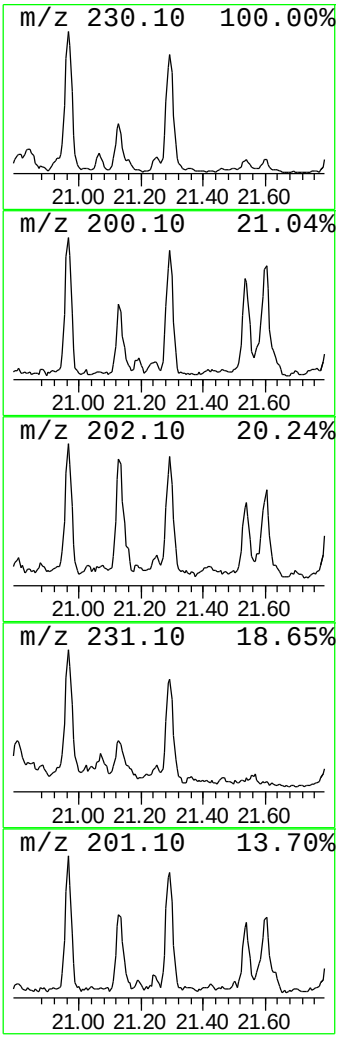
Peak Number 31 7H-Benz[de]anthracen-7-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.46 ng/ul	383343	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046345.D
Acq On : 19 Aug 2020 13:25
Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

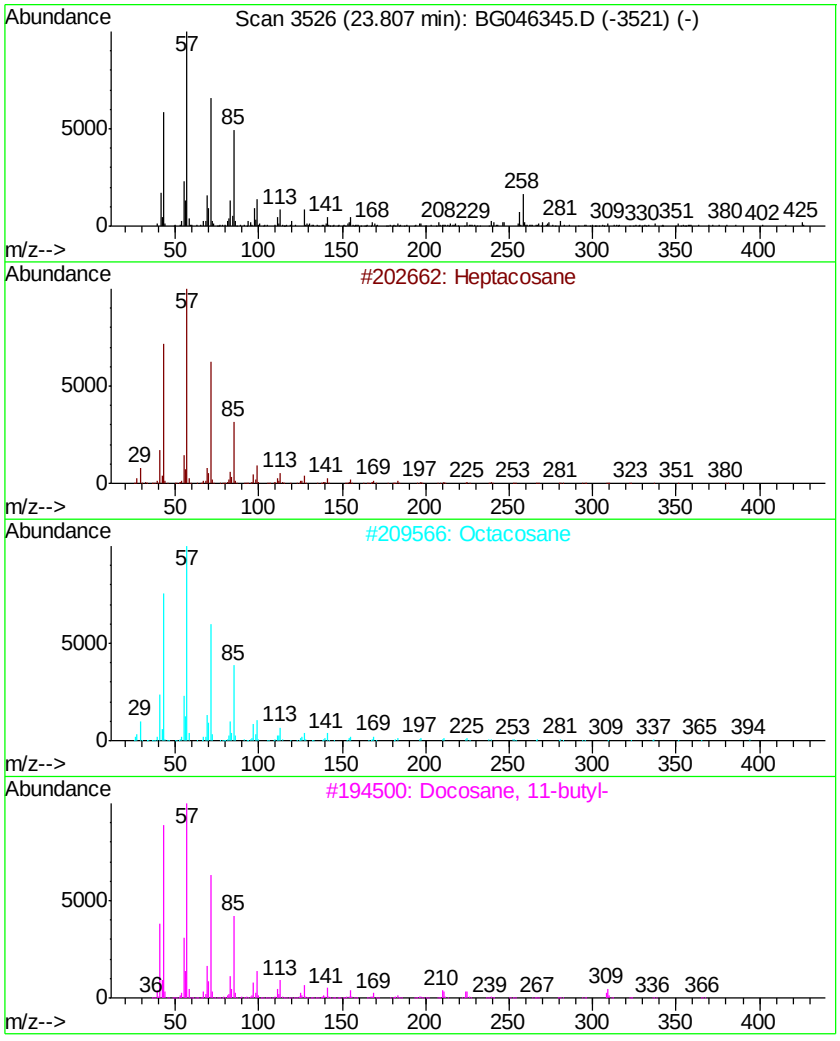
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

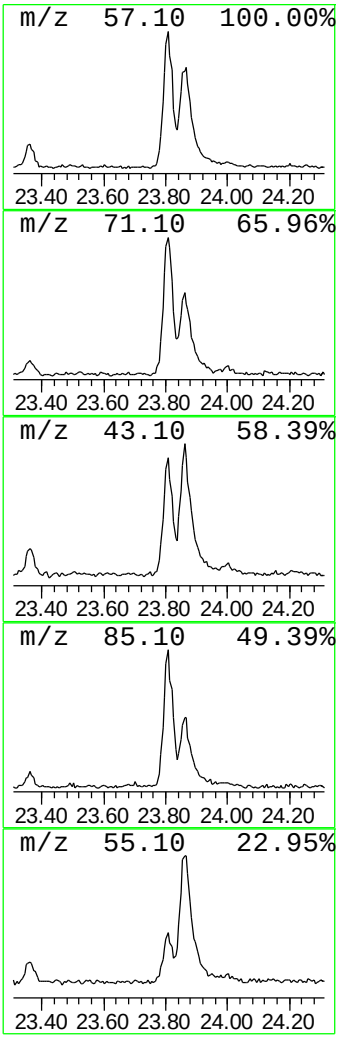
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	3.36 ng/ul	236033	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Triacontane	422	C30H62	000638-68-6	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046345.D
Acq On : 19 Aug 2020 13:25
Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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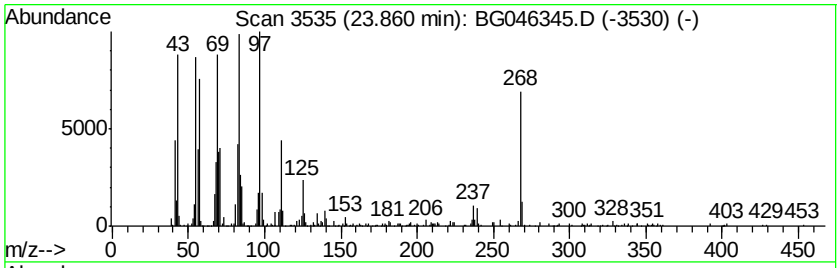
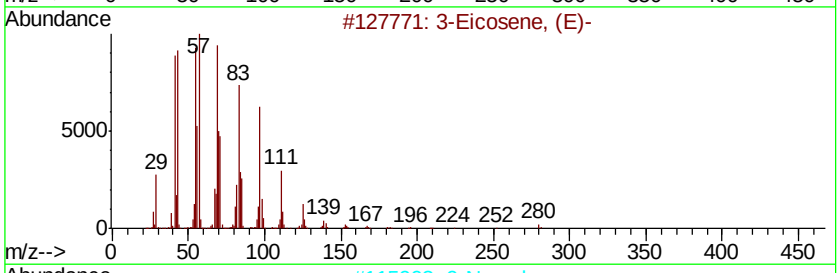
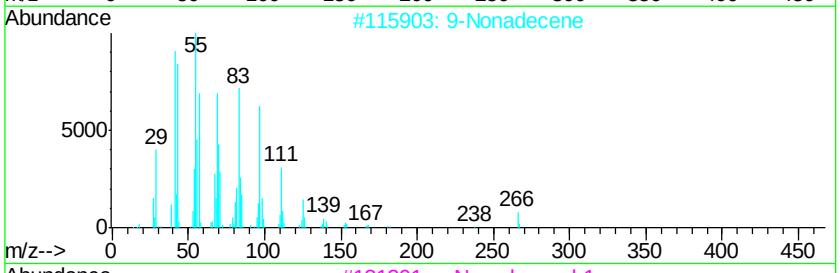
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 18

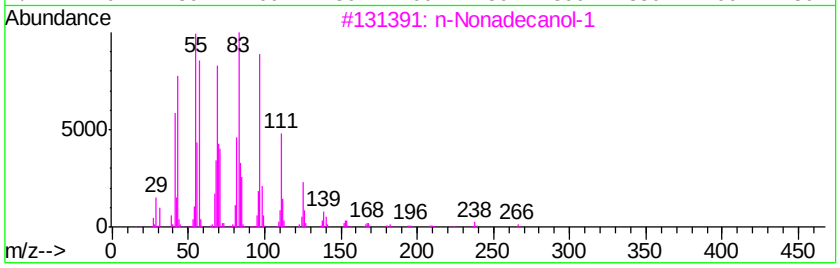
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	5.84 ng/ul	410476	Perylene-d12	24.67

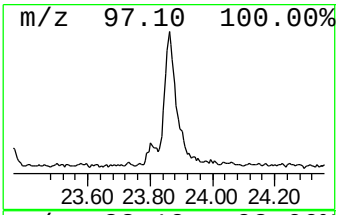
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	9-Nonadecene	266	C19H38	031035-07-1	91
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	89
5	Cyclopentadecane	210	C15H30	000295-48-7	89

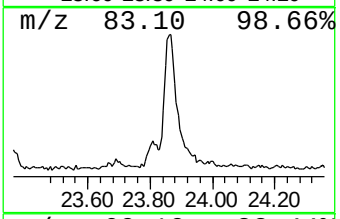


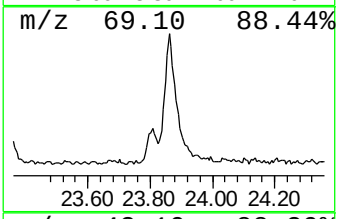


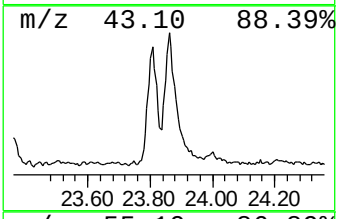


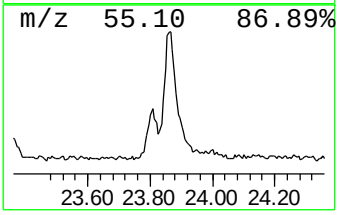












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046345.D
Acq On : 19 Aug 2020 13:25
Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

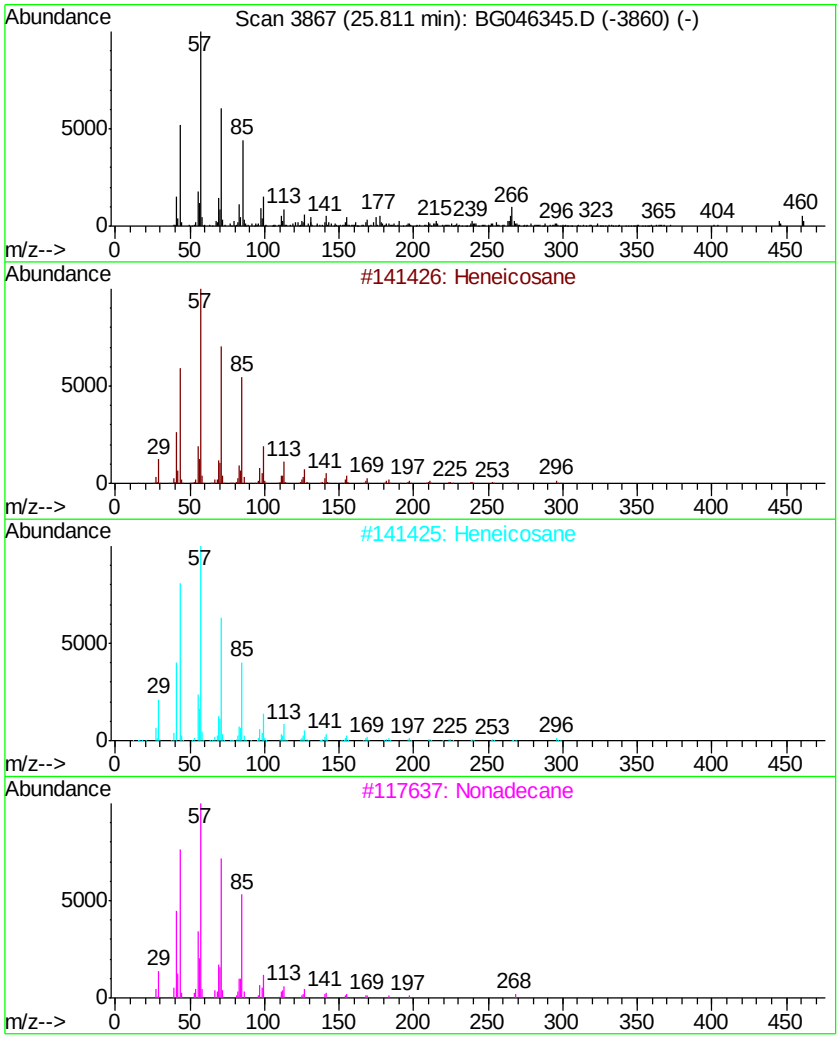
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

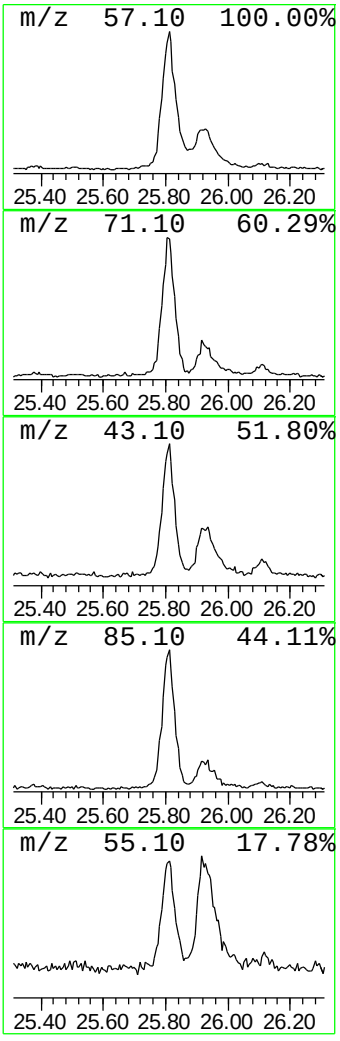
****

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	8.12 ng/ul	571045	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heneicosane	296	C21H44	000629-94-7	87
3	Nonadecane	268	C19H40	000629-92-5	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046345.D
Acq On : 19 Aug 2020 13:25
Operator : CG/JU
Sample : L3633-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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...	3.14	91.4	ng/ul	2216860	1	7.94	485041	20.0
unknown-01	3.91	2.2	ng/ul	52849	1	7.94	485041	20.0
4H-Imidazol-4-one...	7.10	25.6	ng/ul	620916	1	7.94	485041	20.0
unknown-02	7.26	19.4	ng/ul	470180	1	7.94	485041	20.0
unknown-03	7.47	25.9	ng/ul	629088	1	7.94	485041	20.0
unknown-04	8.64	31.5	ng/ul	764453	1	7.94	485041	20.0
1H-Imidazole, 4-m...	9.09	24.6	ng/ul	595595	1	7.94	485041	20.0
unknown-05	9.81	13.9	ng/ul	511586	2	10.73	739012	20.0
unknown-06	10.86	16.1	ng/ul	593793	2	10.73	739012	20.0
unknown-07	13.97	24.6	ng/ul	1314610	3	14.57	1071000	20.0
Phthalic acid, 2-...	14.02	5.9	ng/ul	316480	3	14.57	1071000	20.0
unknown-08	14.76	9.1	ng/ul	487843	3	14.57	1071000	20.0
unknown-09	15.67	9.1	ng/ul	484949	3	14.57	1071000	20.0
9H-Fluoren-9-one	16.96	2.1	ng/ul	135486	4	17.31	1283300	20.0
5H-Indeno[1,2-b]p...	17.71	2.3	ng/ul	150178	4	17.31	1283300	20.0
Phenanthrene, 2-m...	18.18	6.0	ng/ul	383657	4	17.31	1283300	20.0
Phenanthrene, 1-m...	18.23	8.9	ng/ul	572459	4	17.31	1283300	20.0
4H-Cyclopenta[def...	18.38	7.7	ng/ul	496370	4	17.31	1283300	20.0
Phenanthrene, 4-m...	18.41	3.2	ng/ul	206326	4	17.31	1283300	20.0
1,2,4,8-Tetrameth...	18.68	3.8	ng/ul	241026	4	17.31	1283300	20.0
9,10-Anthracenedione	18.72	3.8	ng/ul	243658	4	17.31	1283300	20.0
Phenanthrene, 2,5...	19.10	4.9	ng/ul	312994	4	17.31	1283300	20.0
unknown-10	19.16	3.3	ng/ul	210695	4	17.31	1283300	20.0
Cyclopenta(def)ph...	19.24	4.3	ng/ul	273237	4	17.31	1283300	20.0
Pyrene, 1-methyl-	20.05	3.4	ng/ul	522425	5	21.56	3122260	20.0
11H-Benzo[b]fluorene	20.21	2.3	ng/ul	352681	5	21.56	3122260	20.0
Pyrene, 2-methyl-	20.37	2.8	ng/ul	441940	5	21.56	3122260	20.0
11H-Benzo[a]fluor...	20.96	2.4	ng/ul	375623	5	21.56	3122260	20.0
Benzo[b]naphtho[2...	21.15	2.5	ng/ul	385636	5	21.56	3122260	20.0
(DEL) Alkane: Cyc...	21.22	5.8	ng/ul	902186	5	21.56	3122260	20.0
7H-Benz[de]anthra...	21.29	2.5	ng/ul	383343	5	21.56	3122260	20.0
(DEL) Alkane: Str...	23.81	3.4	ng/ul	236033	6	24.67	1406610	20.0
(DEL) Alkane: Str...	23.86	5.8	ng/ul	410476	6	24.67	1406610	20.0
(DEL) Alkane: Str...	25.81	8.1	ng/ul	571045	6	24.67	1406610	20.0