LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046387.D
Acq On : 20 Aug 2020 20:36
Operator : CG/JU
Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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	3.147	5	10	30	rVB	1581468	2802618	92.00%	5.343%
2	3.923	137	142	150	rBV	47189	74991	2.46%	0.143%
3	4.058	159	165	171	rVB	15918	29003	0.95%	0.055%
4	7.108	677	684	699	rBV	287814	507012	16.64%	0.967%
5	7.266	704	711	723	rBV	230129	374107	12.28%	0.713%
6	7.478	740	747	755	rBV	295321	513242	16.85%	0.979%
7	7.942	819	826	836	rBV	264040	442877	14.54%	0.844%
8	8.647	939	946	955	rBV	339226	575531	18.89%	1.097%
9	9.093	1014	1022	1034	rBV	264063	478898	15.72%	0.913%
10	9.816	1137	1145	1159	rVB	228318	411665	13.51%	0.785%
11	10.363	1229	1238	1248	rBV	368382	676546	22.21%	1.290%
12	10.739	1293	1302	1308	rBV	361731	648038	21.27%	1.236%
13	10.868	1317	1324	1337	rBV	229544	445821	14.64%	0.850%
14	13.970	1843	1852	1857	rVV	646657	962269	31.59%	1.835%
15	14.017	1857	1860	1866	rVV	126028	178946	5.87%	0.341%
16	14.258	1892	1901	1916	rBV	797693	1332555	43.74%	2.541%
17	14.569	1942	1954	1960	rVV	568855	912936	29.97%	1.741%
18	14.628	1960	1964	1972	rVB	28653	44892	1.47%	0.086%
19	14.763	1979	1987	2001	rBV	219645	414829	13.62%	0.791%
20	14.963	2017	2021	2030	rVV2	29586	57301	1.88%	0.109%
21	15.363	2081	2089	2097	rBV6	12969	38634	1.27%	0.074%
22	15.562	2115	2123	2128	rVV	1032003	1583890	52.00%	3.020%
23	15.615	2128	2132	2137	rVV3	48458	73620	2.42%	0.140%
24	15.680	2137	2143	2150	rVV	283285	432276	14.19%	0.824%
25	15.909	2177	2182	2192	rVB3	26401	58634	1.92%	0.112%
26	16.056	2201	2207	2216	rVB2	23876	54617	1.79%	0.104%
27	16.250	2229	2240	2243	rBV	25462	47787	1.57%	0.091%
28	16.291	2243	2247	2254	rVV4	23990	45182	1.48%	0.086%
29	16.620	2300	2303	2308	rVB3	20051	32867	1.08%	0.063%
30	16.667	2308	2311	2317	rVB4	20156	30317	1.00%	0.058%
31	16.849	2334	2342	2345	rBV6	31210	61231	2.01%	0.117%
32	16.961	2356	2361	2369	rVB	70639	120765	3.96%	0.230%
33	17.043	2371	2375	2378	rBV3	30140	52054	1.71%	0.099%
34	17.131	2386	2390	2400	rVB	43839	75382	2.47%	0.144%

LSC Area Percent Report

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Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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

35	17.313	2413	2421	2424	rBV	725251	1133310	37.20%	2.161%
36	17.354	2424	2428	2432	rVV	925011	1364008	44.78%	2.601%
37	17.407	2432	2437	2448	rVB	1063679	1795241	58.93%	3.423%
38	17.501	2448	2453	2459	rBV2	31955	54486	1.79%	0.104%
39	17.625	2470	2474	2479	rVB	26001	39609	1.30%	0.076%
40	17.707	2480	2488	2493	rBV2	52620	115621	3.80%	0.220%
41	17.830	2504	2509	2513	rVB2	44295	61053	2.00%	0.116%
42	17.895	2515	2520	2530	rVB4	48104	82701	2.71%	0.158%
43	17.995	2530	2537	2540	rBV5	17031	31907	1.05%	0.061%
44	18.106	2552	2556	2560	rBV2	25968	33499	1.10%	0.064%
45	18.189	2560	2570	2572	rBV	239214	379374	12.45%	0.723%
46	18.236	2572	2578	2585	rVB2	315427	642472	21.09%	1.225%
47	18.318	2587	2592	2596	rVB	68850	106077	3.48%	0.202%
48	18.377	2596	2602	2606	rBV2	287270	537214	17.64%	1.024%
49	18.418	2606	2609	2615	rVB	188829	271654	8.92%	0.518%
50	18.500	2618	2623	2625	rBV4	31862	50684	1.66%	0.097%
51	18.682	2650	2654	2658	rBV	206383	297122	9.75%	0.566%
52	18.723	2658	2661	2668	rVV	188256	259982	8.53%	0.496%
53	18.811	2672	2676	2683	rBV3	38267	69076	2.27%	0.132%
54	18.929	2693	2696	2701	rVV2	91899	137285	4.51%	0.262%
55	18.982	2701	2705	2708	rVV	74713	108738	3.57%	0.207%
56	19.017	2708	2711	2715	rVB	65885	87981	2.89%	0.168%
57	19.099	2720	2725	2730	rBV	208351	352236	11.56%	0.672%
58	19.164	2730	2736	2739	rBV2	82780	162126	5.32%	0.309%
59	19.240	2744	2749	2756	rBV2	187519	340057	11.16%	0.648%
60	19.364	2764	2770	2776	rVB	1962971	2787534	91.51%	5.315%
61	19.428	2777	2781	2783	rBV	48924	59154	1.94%	0.113%
62	19.464	2783	2787	2792	rVB5	73312	102024	3.35%	0.195%
63	19.511	2792	2795	2798	rVB	49404	50477	1.66%	0.096%
64	19.558	2799	2803	2808	rBV3	70567	117142	3.85%	0.223%
65	19.605	2808	2811	2814	rVB2	50654	61270	2.01%	0.117%
66	19.699	2821	2827	2829	rBV2	1650813	2638967	86.63%	5.031%
67	19.722	2829	2831	2839	rVV	1883979	2638389	86.61%	5.030%
68	19.799	2839	2844	2851	rVB3	120694	212568	6.98%	0.405%
69	19.898	2857	2861	2867	rBV	104897	169233	5.56%	0.323%
70	19.957	2868	2871	2877	rVB2	98549	153790	5.05%	0.293%
71	20.045	2881	2886	2897	rBV4	191571	514671	16.90%	0.981%

LSC Area Percent Report

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Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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	20.180	2905	2909	2911	rBV4	126977	202267	6.64%	0.386%
73	20.210	2911	2914	2919	rVB	272638	421046	13.82%	0.803%
74	20.316	2928	2932	2936	rBV	128143	166910	5.48%	0.318%
75	20.374	2936	2942	2946	rVV3	285229	489739	16.08%	0.934%
76	20.415	2946	2949	2952	rVV2	64596	82837	2.72%	0.158%
77	20.457	2953	2956	2961	rVB3	52556	72442	2.38%	0.138%
78	20.515	2962	2966	2969	rVV	179341	232810	7.64%	0.444%
79	20.562	2969	2974	2977	rVB	183711	255337	8.38%	0.487%
80	20.968	3039	3043	3050	rVB	287764	447743	14.70%	0.854%
81	21.144	3067	3073	3077	rBV2	146773	355565	11.67%	0.678%
82	21.191	3077	3081	3083	rVV	215797	303327	9.96%	0.578%
83	21.226	3083	3087	3094	rVV3	503312	1000523	32.84%	1.908%
84	21.291	3094	3098	3108	rVB2	231952	422539	13.87%	0.806%
85	21.549	3135	3142	3148	rBV4	1188550	3046221	100.00%	5.808%
86	21.602	3148	3151	3164	rVB	932040	1613944	52.98%	3.077%
87	21.761	3173	3178	3182	rBV2	127498	273714	8.99%	0.522%
88	21.949	3207	3210	3216	rBV3	75930	127813	4.20%	0.244%
89	22.272	3262	3265	3271	rVB	199058	299289	9.82%	0.571%
90	22.343	3273	3277	3279	rBV2	127478	198273	6.51%	0.378%
91	22.537	3306	3310	3313	rBV	77977	111455	3.66%	0.212%
92	23.688	3498	3506	3514	rBV2	634528	2141276	70.29%	4.082%
93	23.806	3522	3526	3530	rBV	116517	199490	6.55%	0.380%
94	23.858	3531	3535	3542	rVB3	154577	307794	10.10%	0.587%
95	24.381	3618	3624	3630	rBV	340552	834047	27.38%	1.590%
96	24.464	3630	3638	3643	rVV	762445	2020946	66.34%	3.853%
97	24.522	3643	3648	3660	rVB	558661	1437377	47.19%	2.740%
98	24.669	3665	3673	3680	rBV3	463255	1317020	43.23%	2.511%
99	25.809	3862	3867	3876	rVB2	157900	390487	12.82%	0.744%
100	28.183	4263	4271	4290	rVB3	231704	1068738	35.08%	2.038%

Sum of corrected areas: 52451034

LSC Report - Integrated Chromatogram

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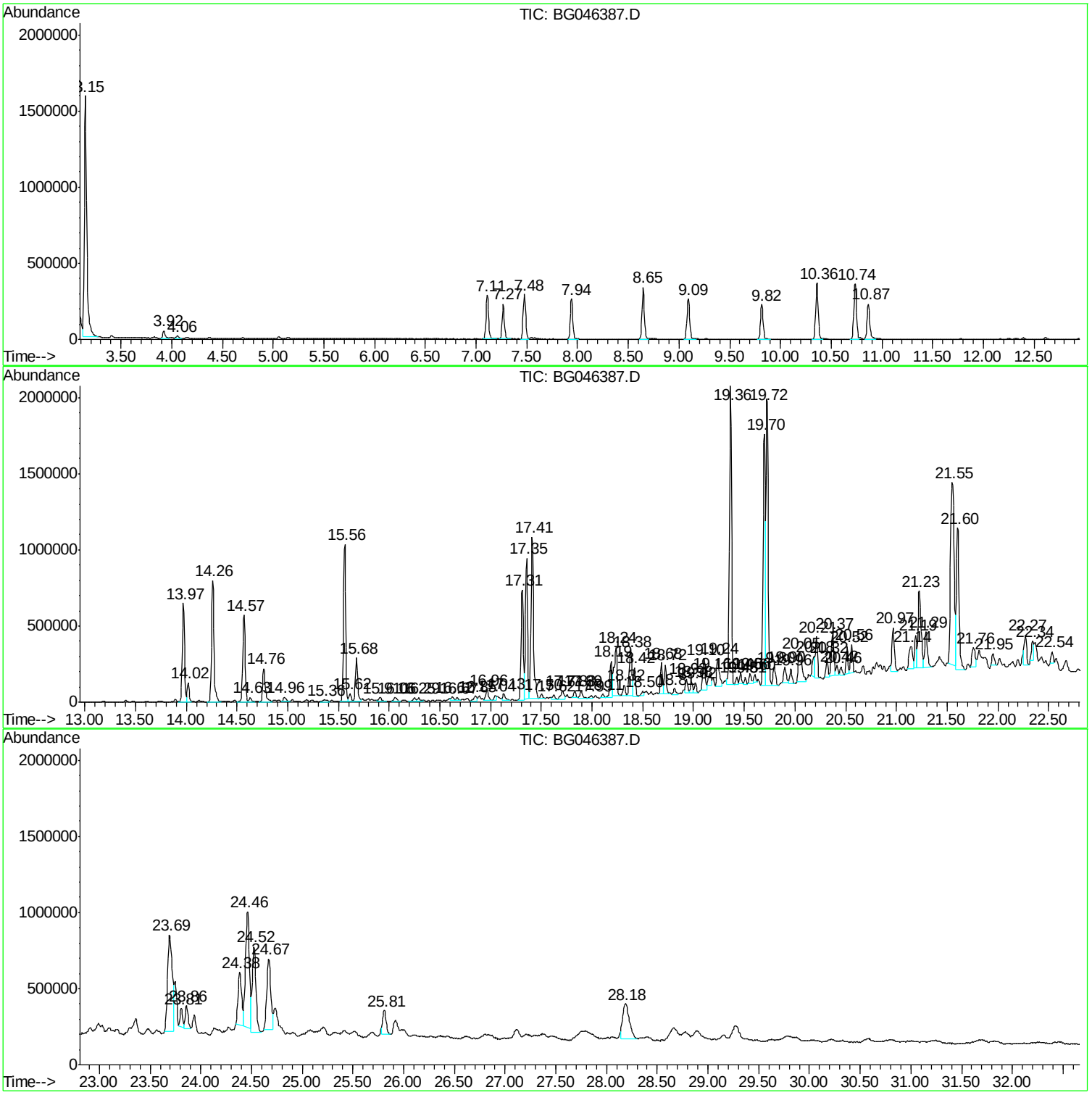
Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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\
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Acq On : 20 Aug 2020 20:36
Operator : CG/JU
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ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

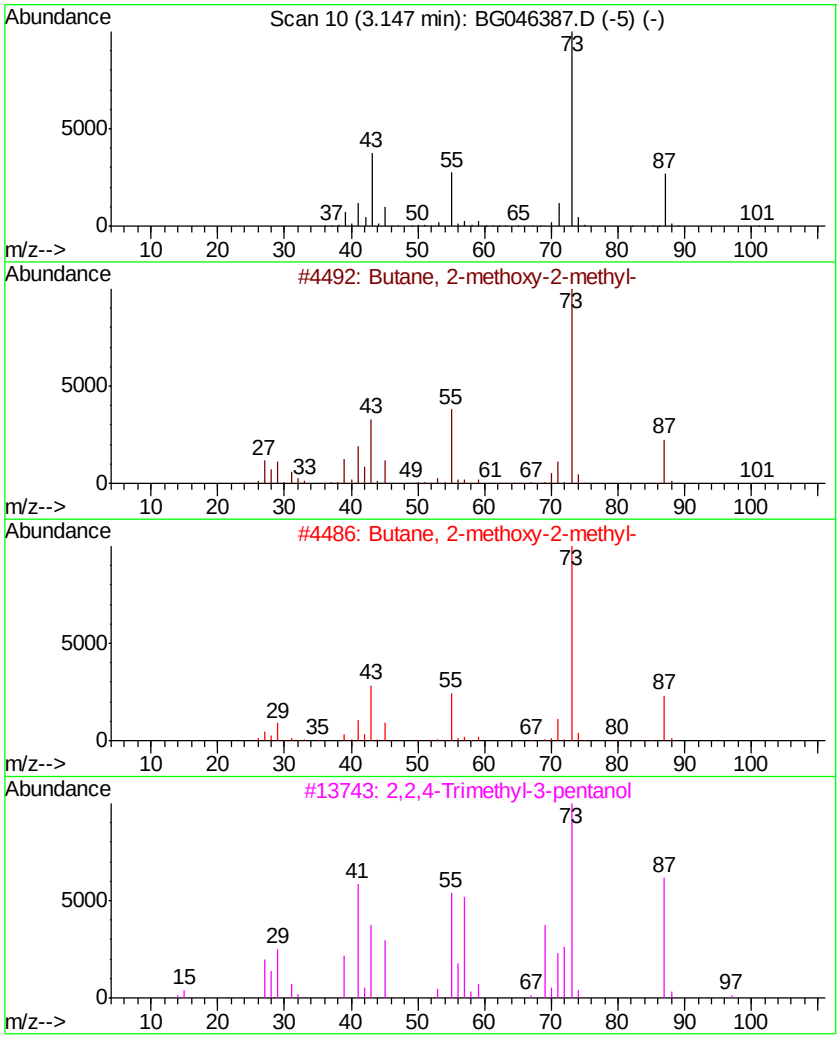
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

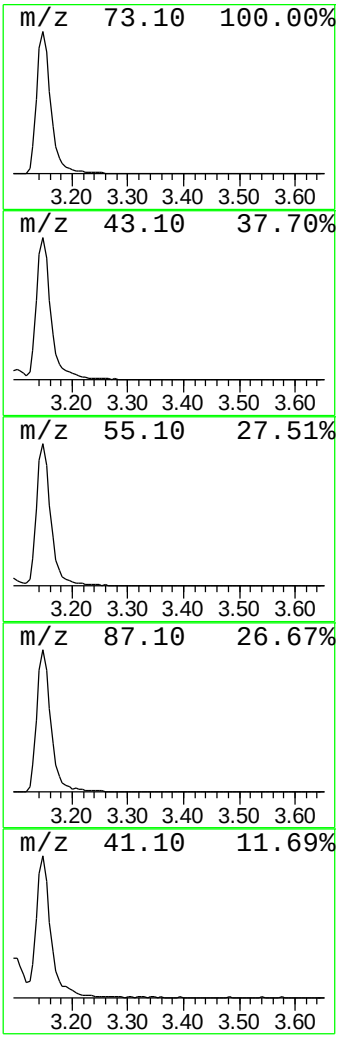
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	126.56 ng/ul	2802620	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	23





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Misc :
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Instrument : BNA_G
ClientSampleId : BFMF9

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

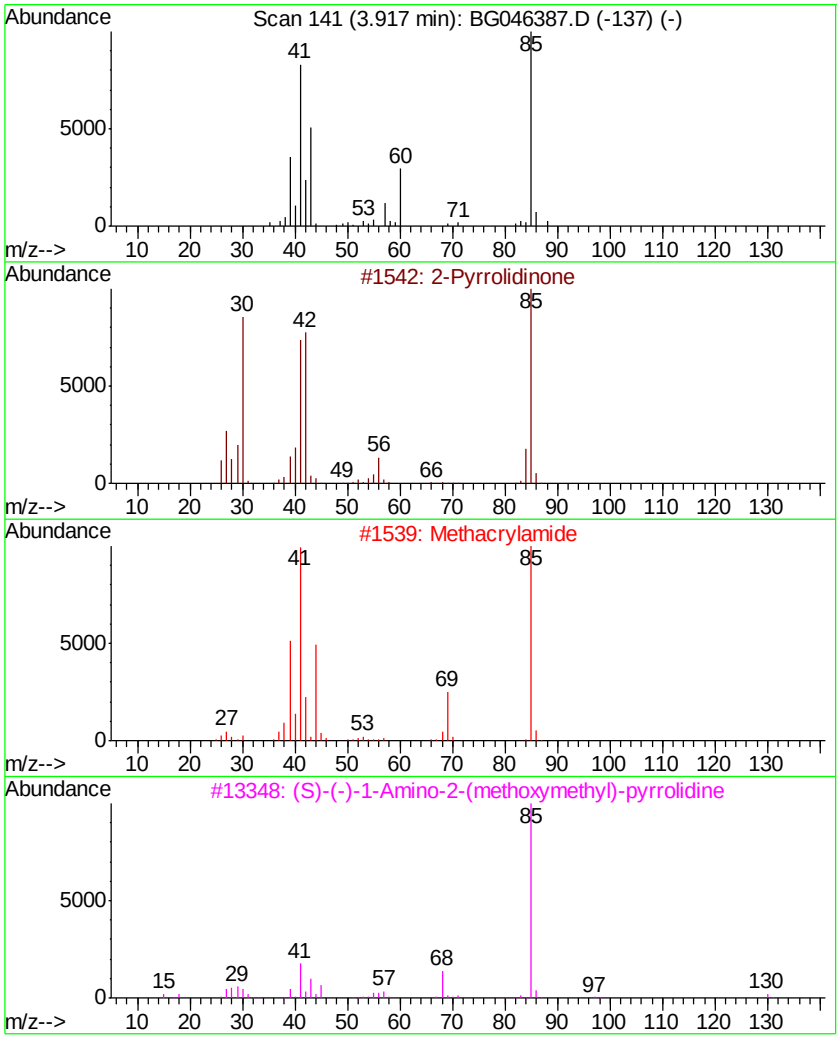
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

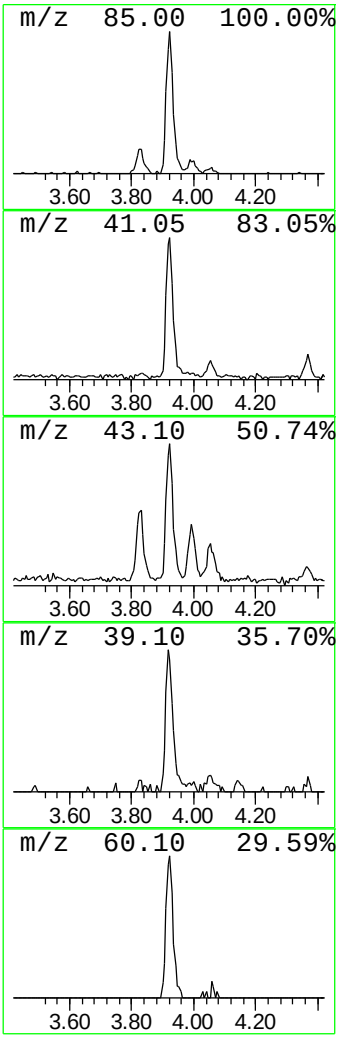
****

Peak Number 2 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	3.39 ng/ul	74991	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	33
2	Methacrylamide	85	C4H7NO	000079-39-0	33
3	(S)-(-)-1-Amino-2-(methoxymethyl...	130	C6H14N2O	059983-39-0	23
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

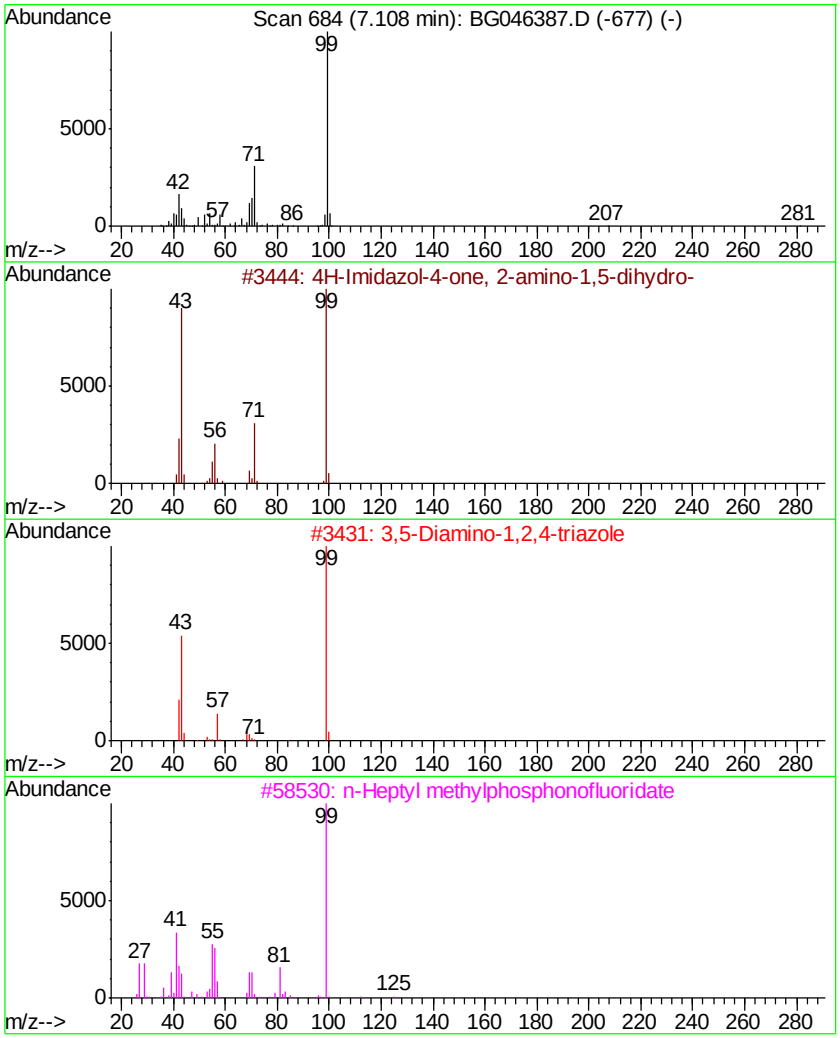
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

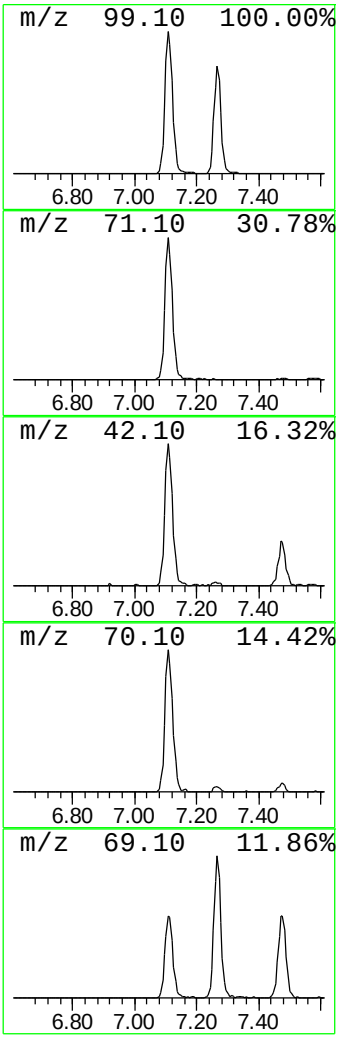
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	22.90 ng/ul	507012	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	59
2	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	50
3	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	42
4	Phenol-d6-	100	C6D6O	013127-88-3	40
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	39





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Instrument : BNA_G
ClientSampleId : BFMF9

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

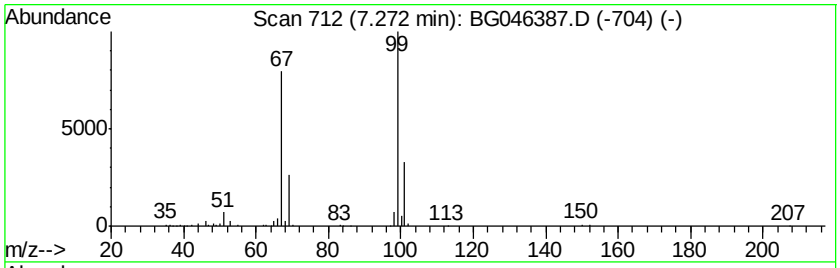
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

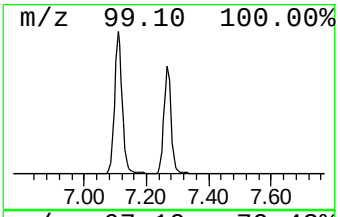
****

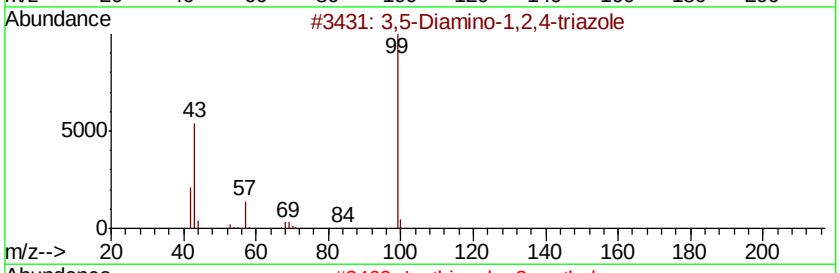
Peak Number 4 unknown-02 Concentration Rank 7

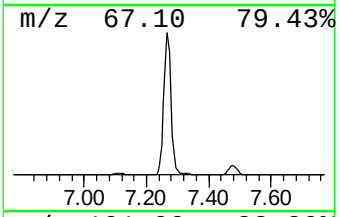
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	16.89 ng/ul	374107	1,4-Dichlorobenzene-d4	7.94

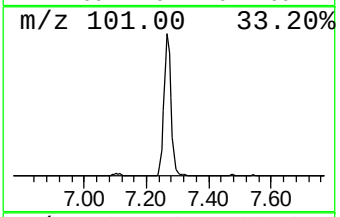
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
2	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
3	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
4	Allyl Isothiocyanate	99	C4H5NS	000057-06-7	7
5	Cyclopropane, isothiocyanato-	99	C4H5NS	056601-42-4	7

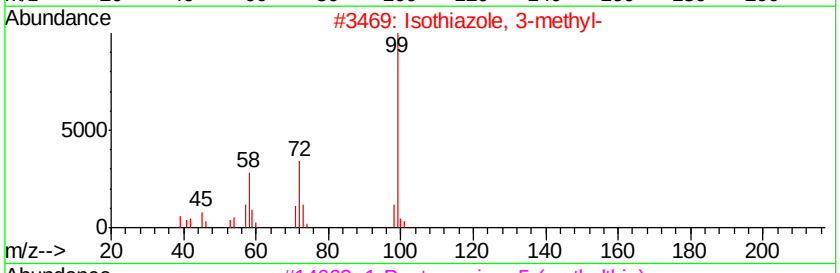


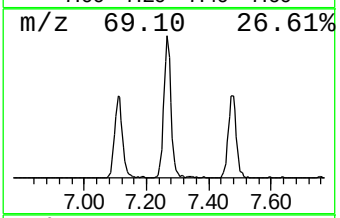


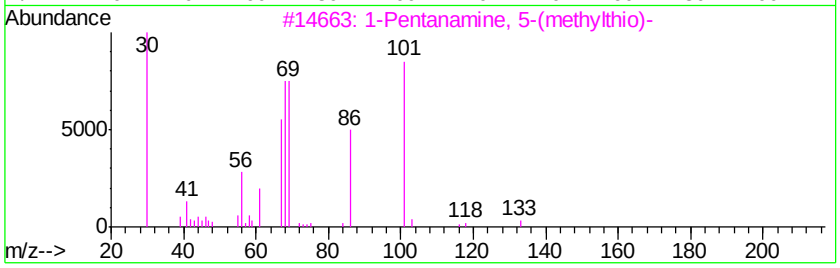


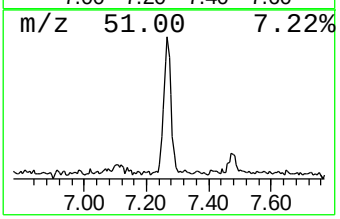












Library Search Compound Report

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Data File : BG046387.D
Acq On : 20 Aug 2020 20:36
Operator : CG/JU
Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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

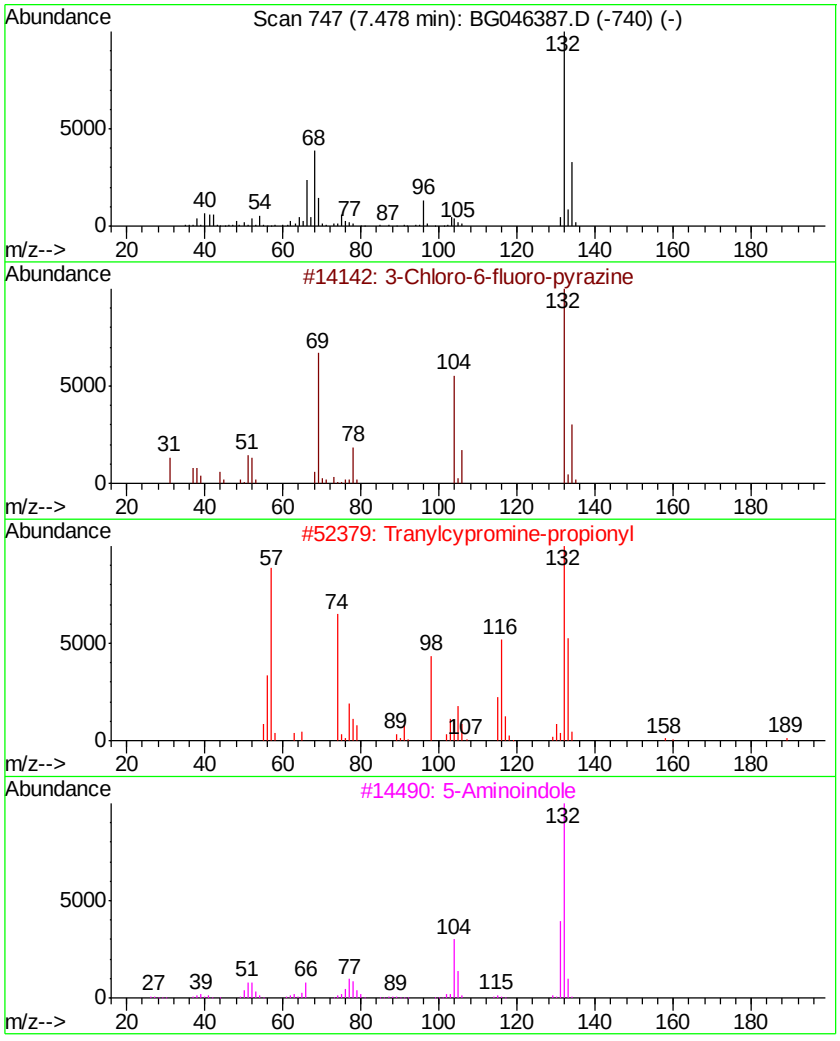
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

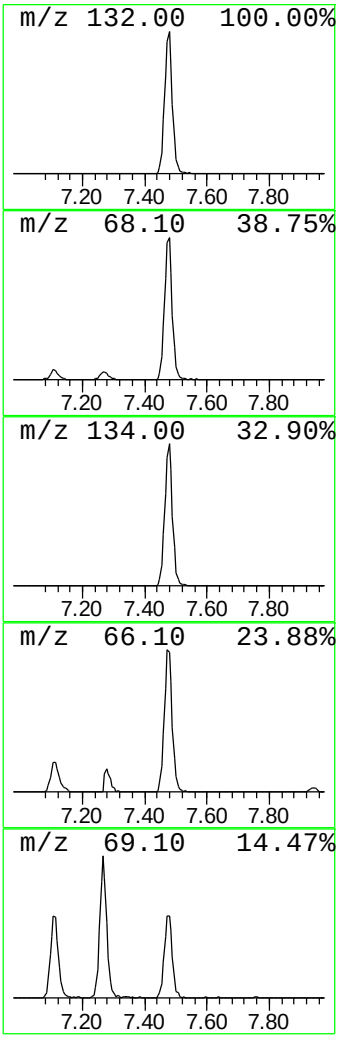
****

Peak Number 5 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	23.18 ng/ul	513242	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

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Operator : CG/JU
Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

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

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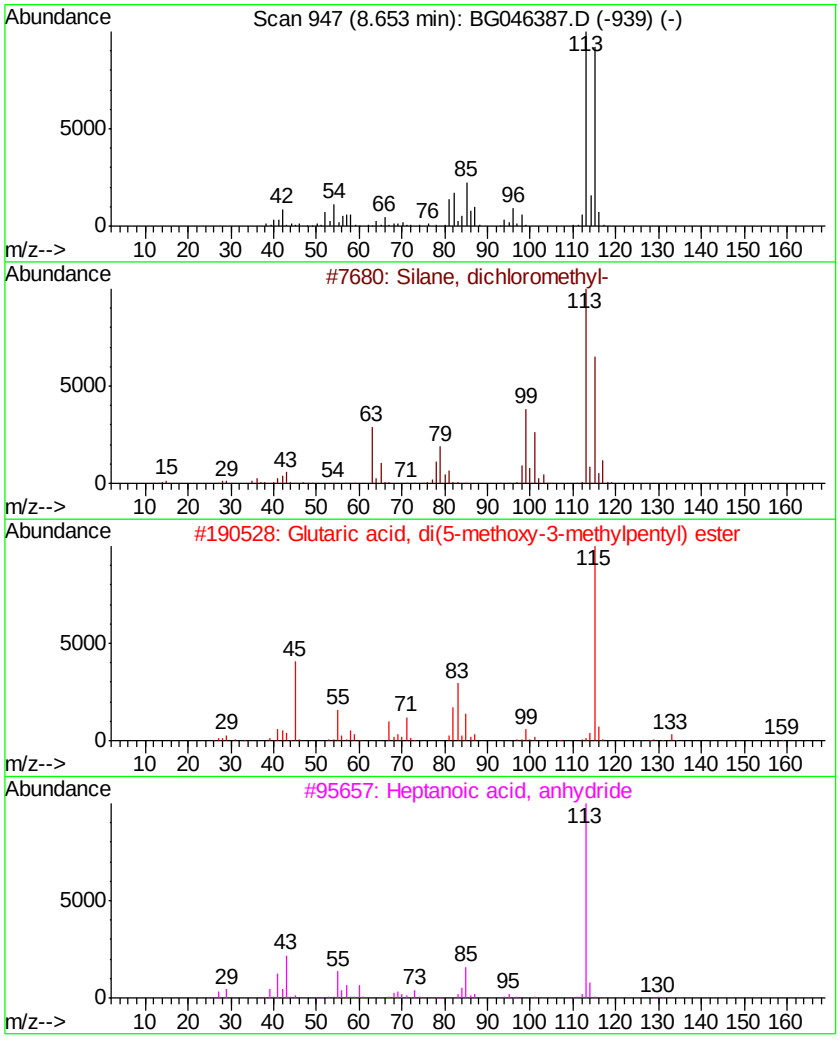
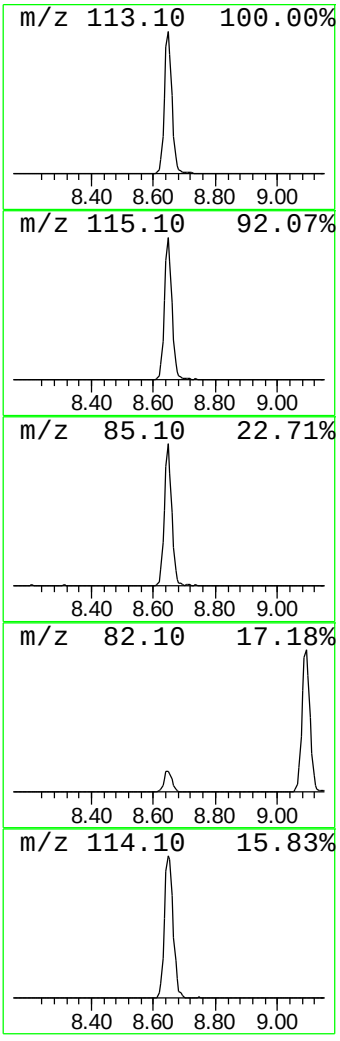
Peak Number 6 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	25.99 ng/ul	575531	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	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	35
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
4	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	27
5	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	27





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Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

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

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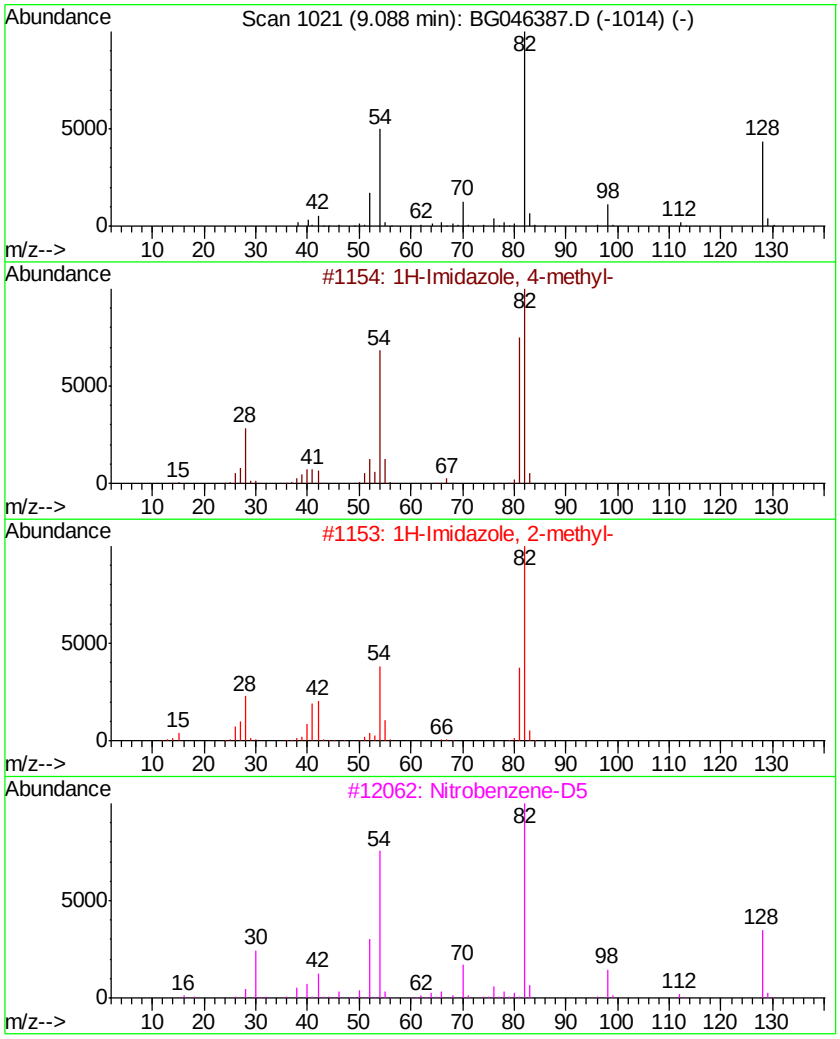
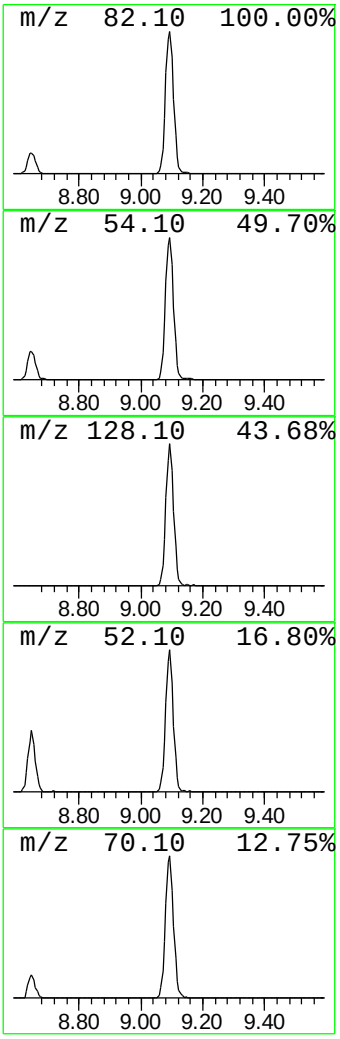
Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	21.63 ng/ul	478898	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
2	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	16
5	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	9





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Sample : L3634-11
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Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

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

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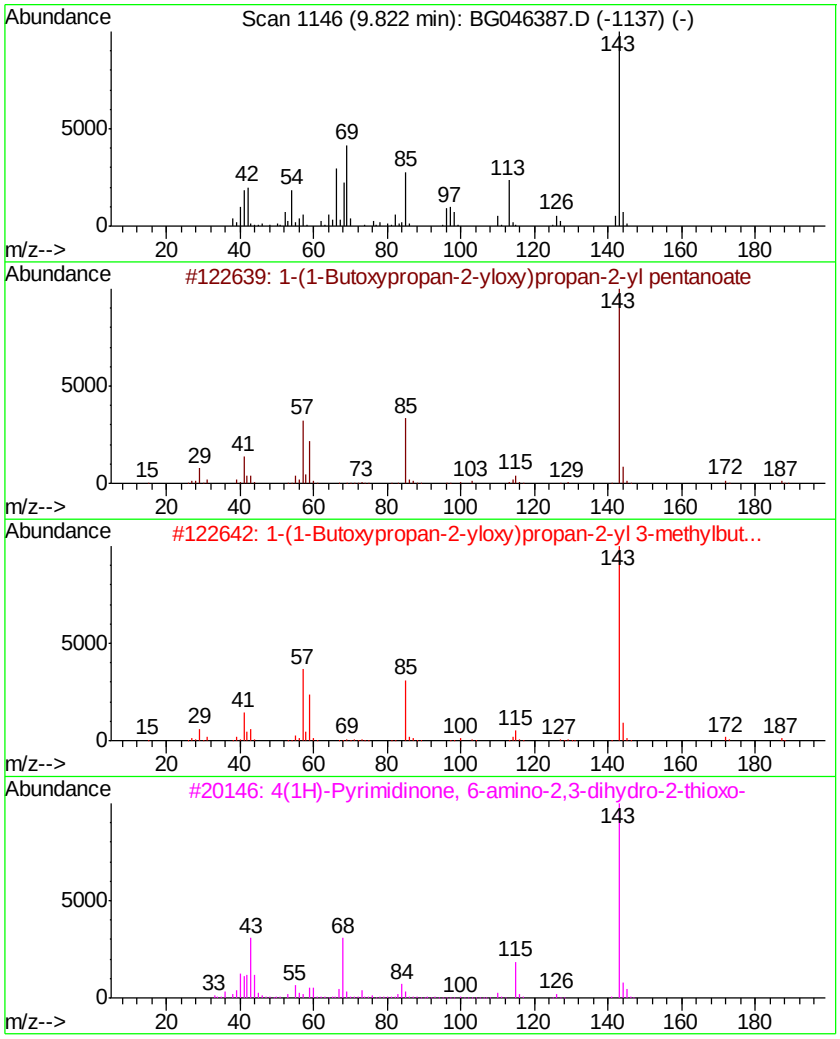
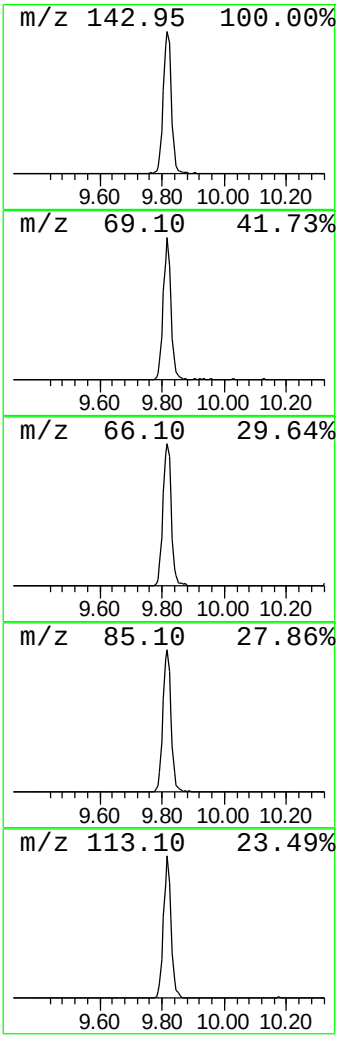
Peak Number 8 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	12.71 ng/ul	411665	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	12
2	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12
3	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	10
4	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	10
5	1-Naphthalenamine	143	C10H9N	000134-32-7	10





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Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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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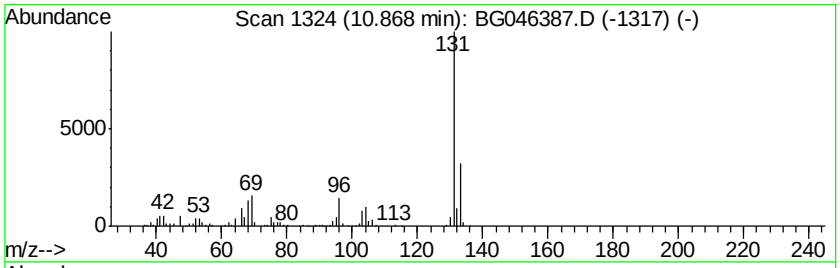
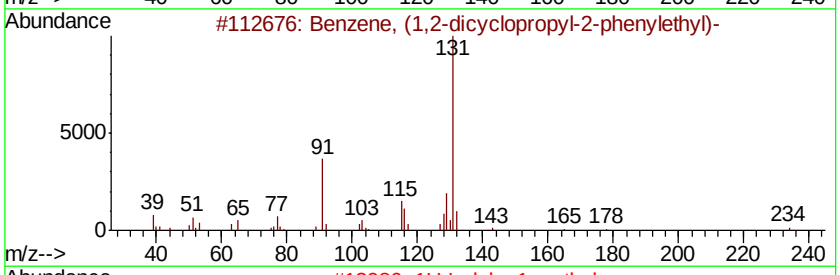
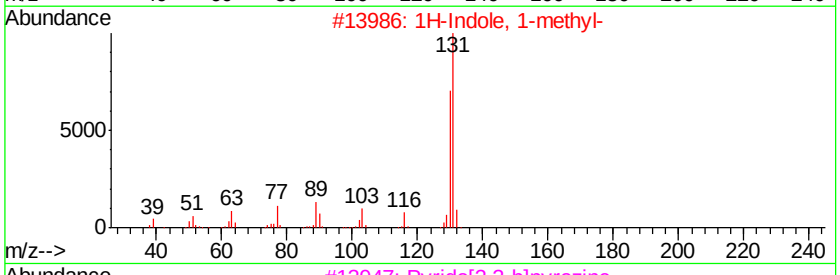
Peak Number 9 unknown-06 Concentration Rank 8

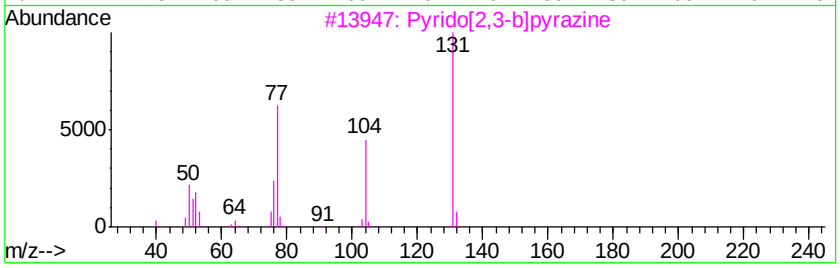
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	13.76 ng/ul	445821	Naphthalene-d8	10.74

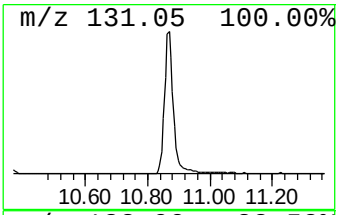
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	33
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
3	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	28
4	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	9
5	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	9

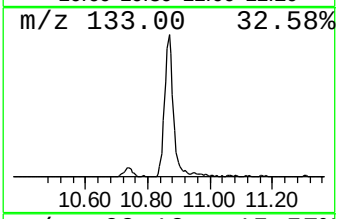


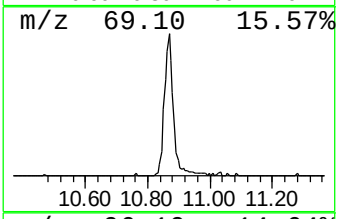


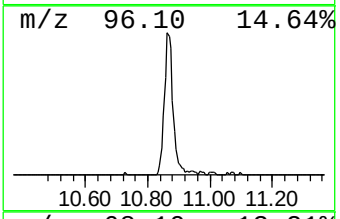


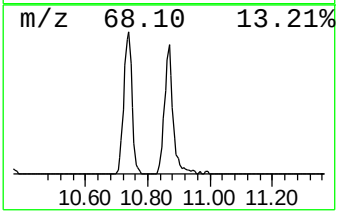












Library Search Compound Report

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Data File : BG046387.D
Acq On : 20 Aug 2020 20:36
Operator : CG/JU
Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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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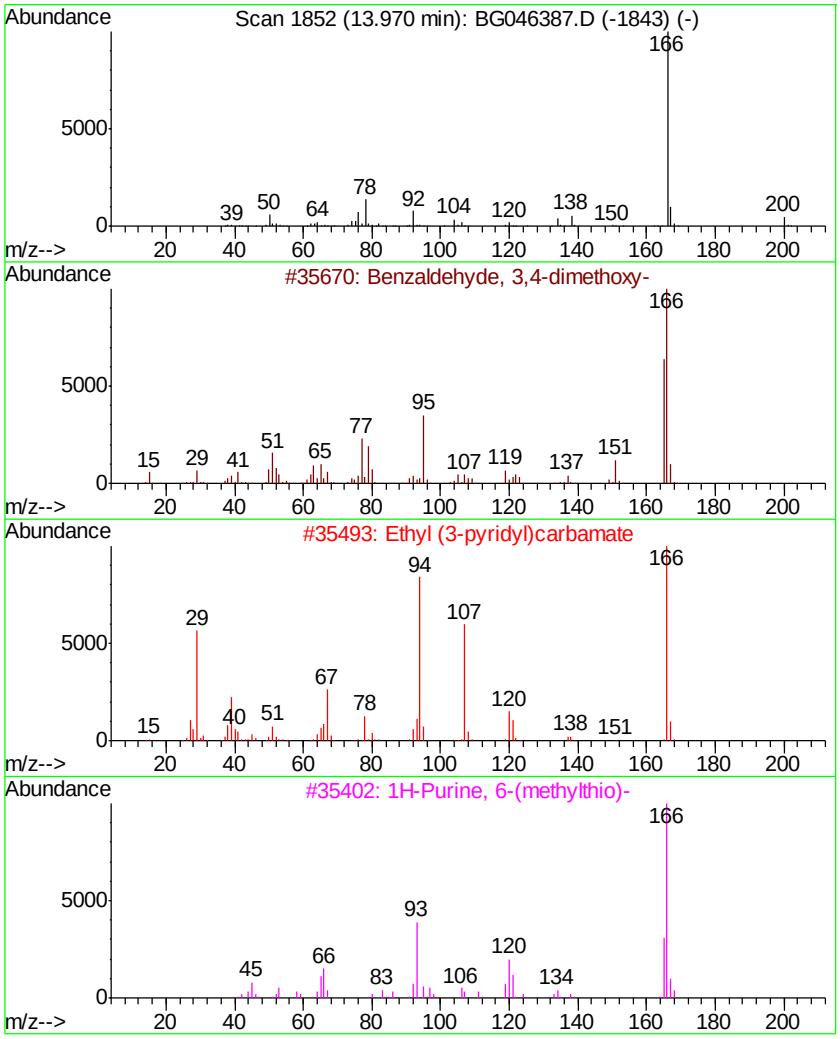
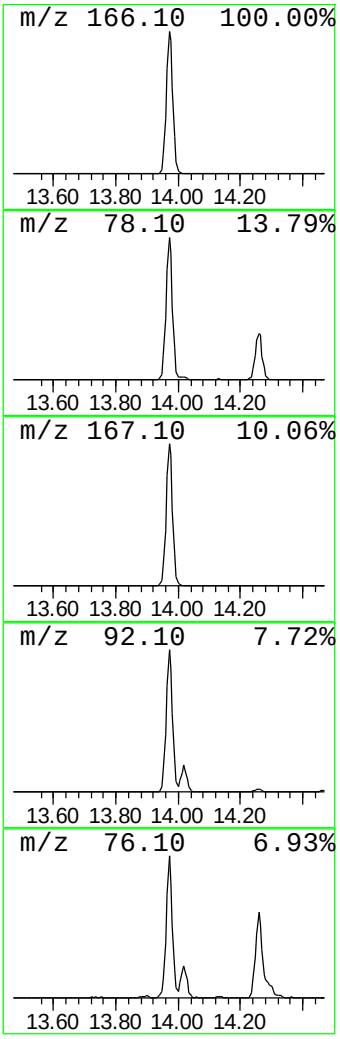
Peak Number 10 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	21.08 ng/ul	962269	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	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
4	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36





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Instrument : BNA_G
ClientSampleId : BFMF9

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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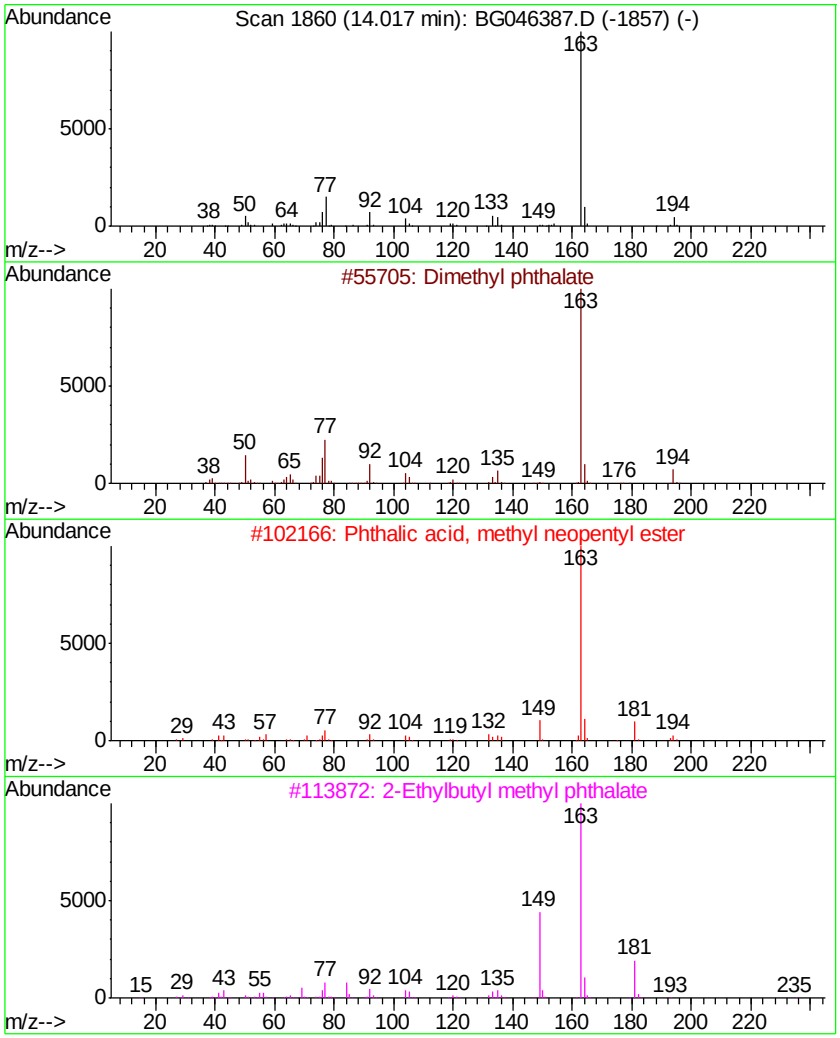
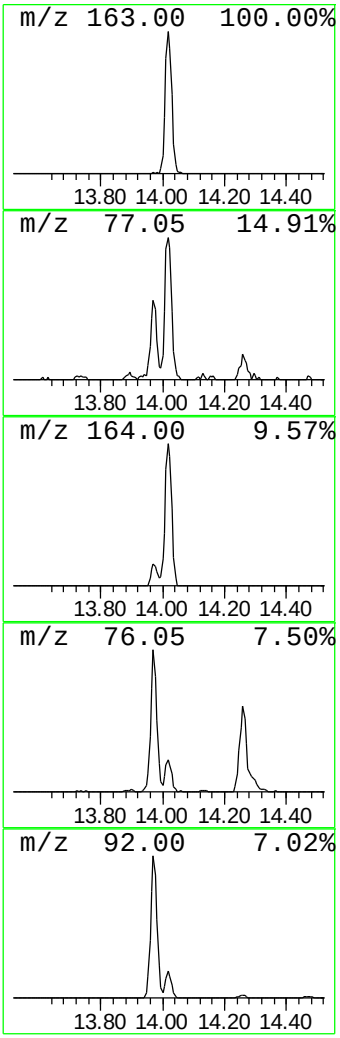
Peak Number 11 Dimethyl phthalate Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	3.92 ng/ul	178946	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
2	Phthalic acid, methyl neopentyl ...	250	C14H18O4	1000315-53-9	83
3	2-Ethylbutyl methyl phthalate	264	C15H20O4	1000373-89-6	83
4	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	78
5	Phthalic acid, 2-isopropylphenyl...	298	C18H18O4	1000315-52-2	74





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Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

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

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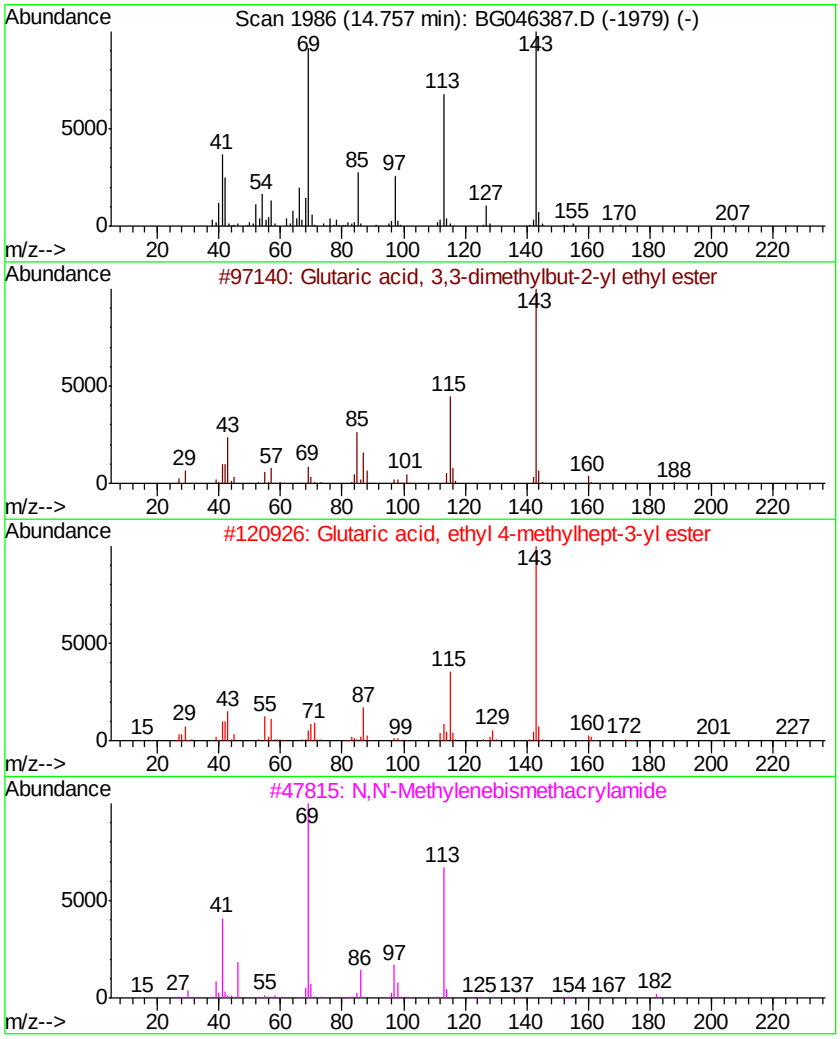
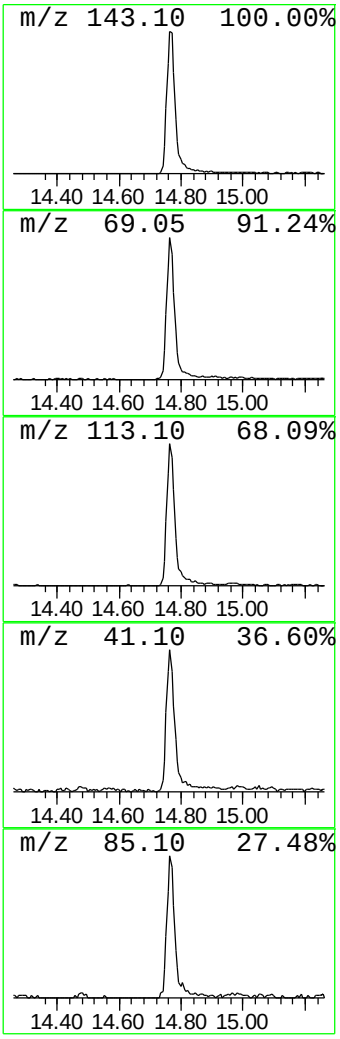
Peak Number 12 unknown-08 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	9.09 ng/ul	414829	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	35
2	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	27
3	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
4	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	22
5	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	16





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Quant Title : SVOA CALIBRATION

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

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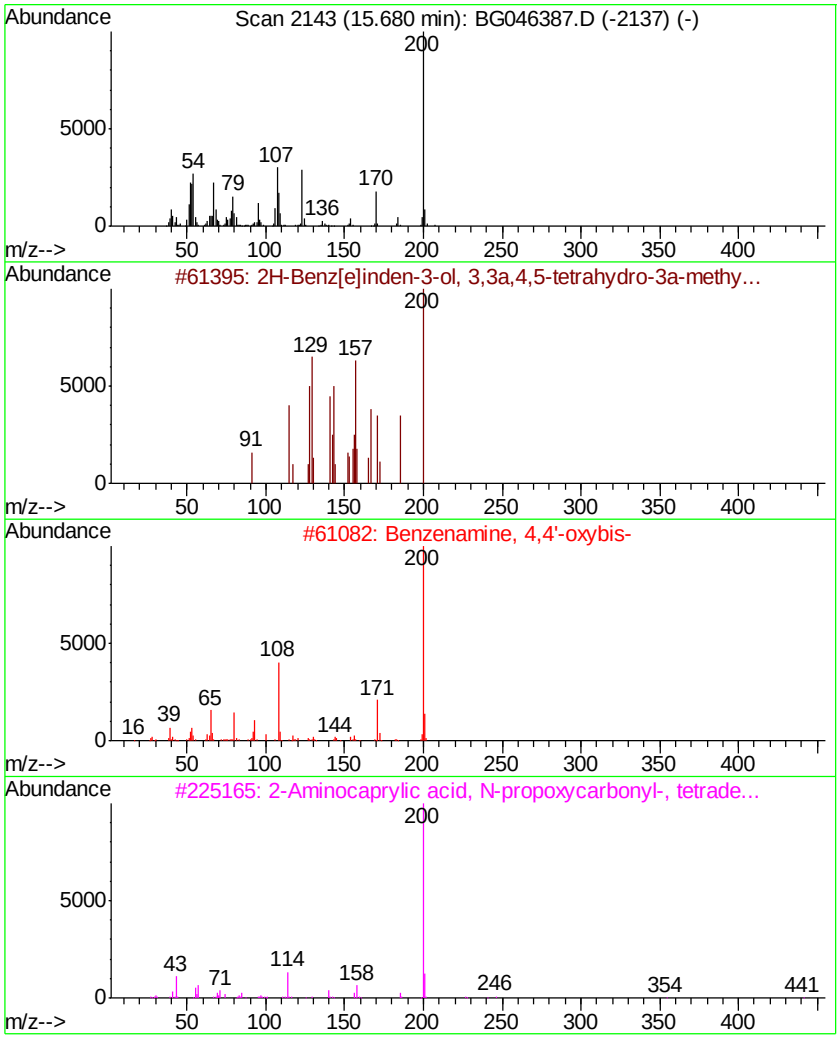
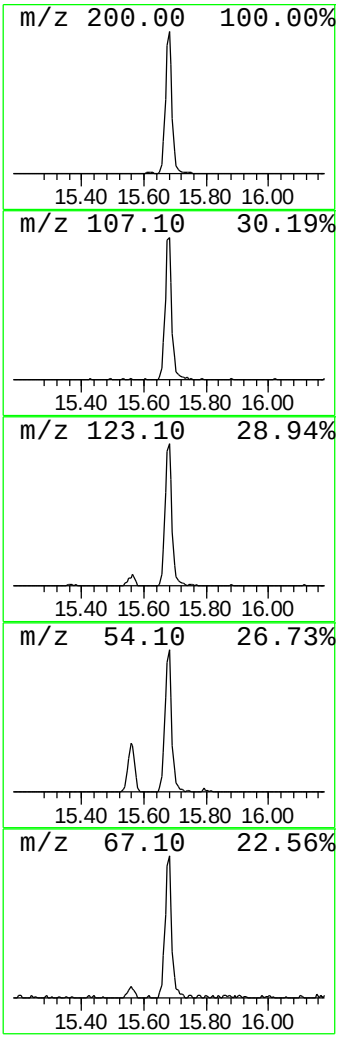
Peak Number 13 unknown-09 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	9.47 ng/ul	432276	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, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	14
3	2-Aminocaprylic acid, N-propoxyc...	441	C26H51NO4	1000325-43-0	14
4	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
5	2-Aminocaprylic acid, N-propoxyc...	469	C28H55NO4	1000325-43-2	14





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Quant Title : SVOA CALIBRATION

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

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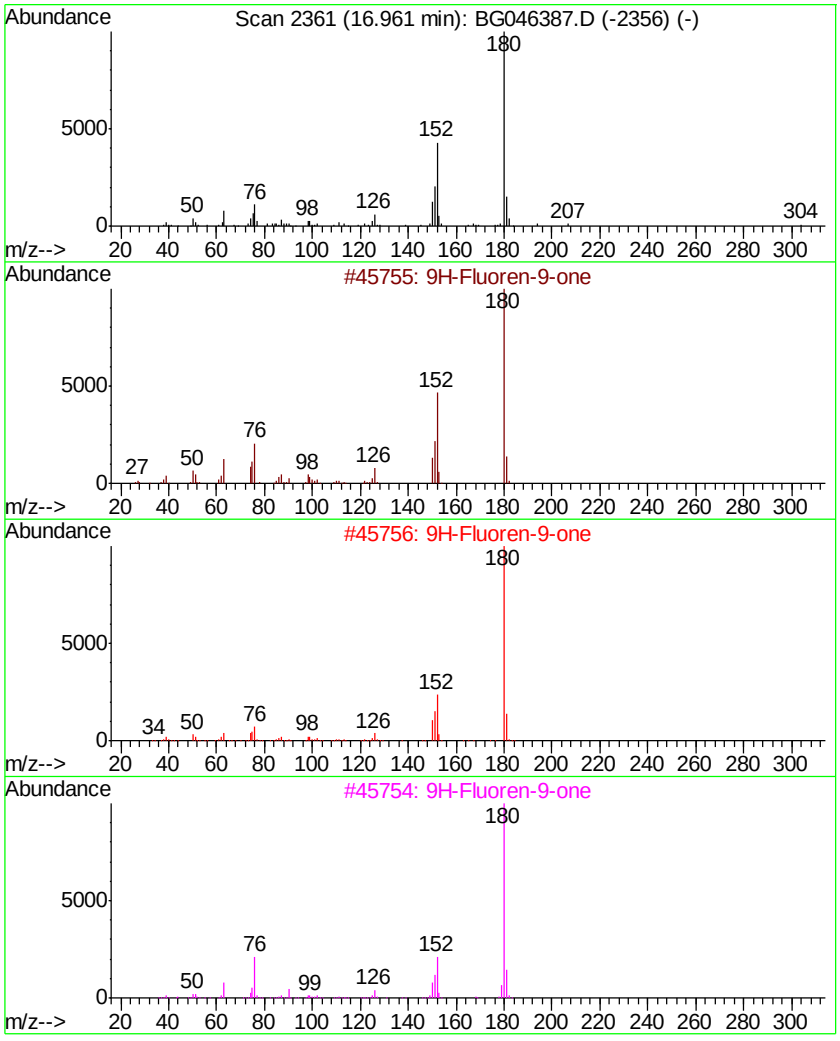
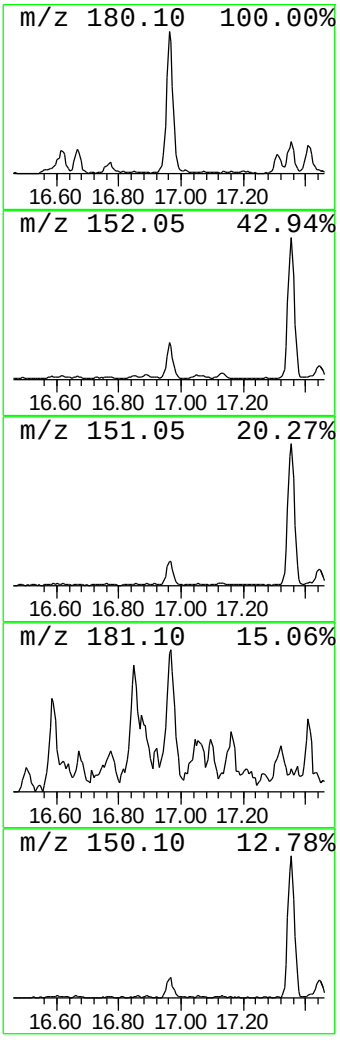
Peak Number 14 9H-Fluoren-9-one Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	2.13 ng/ul	120765	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	68
5	Acridine, 9,10-dihydro-	181	C13H11N	000092-81-9	64





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Acq On : 20 Aug 2020 20:36
Operator : CG/JU
Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

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

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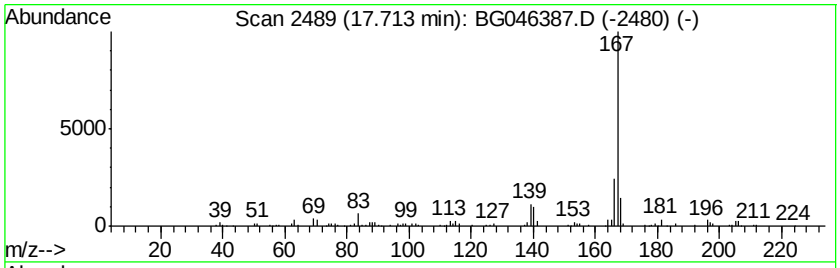
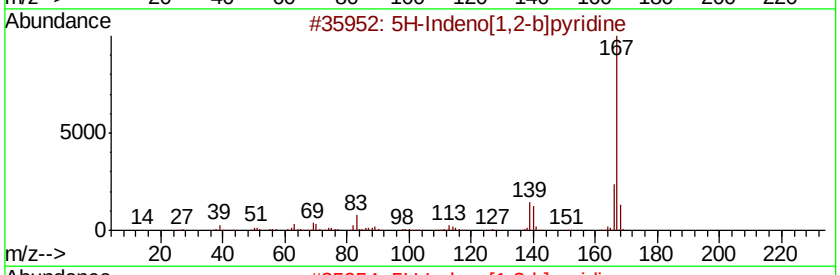
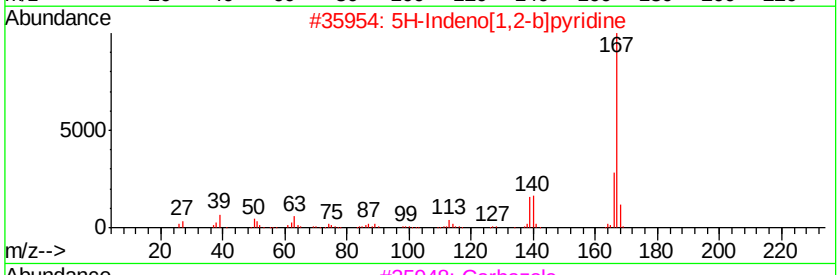
Peak Number 15 5H-Indeno[1,2-b]pyridine Concentration Rank 36

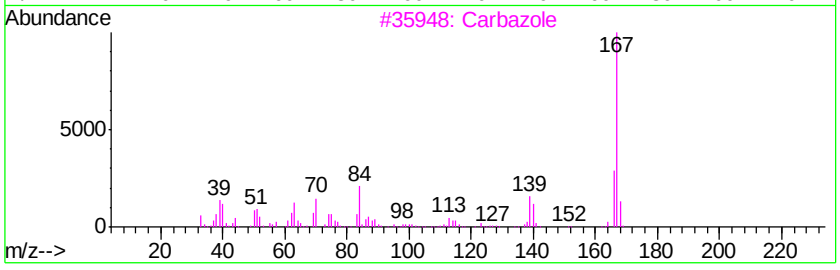
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	2.04 ng/ul	115621	Phenanthrene-d10	17.31

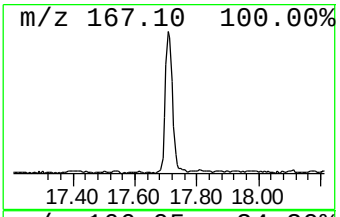
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
3	Carbazole	167	C12H9N	000086-74-8	87
4	Carbazole	167	C12H9N	000086-74-8	81
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80

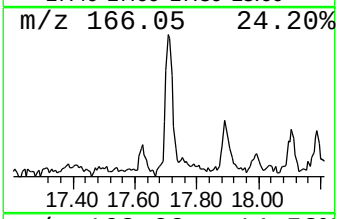


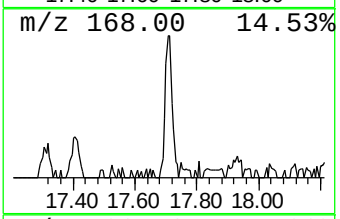


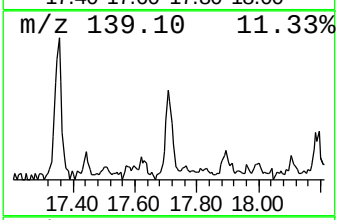


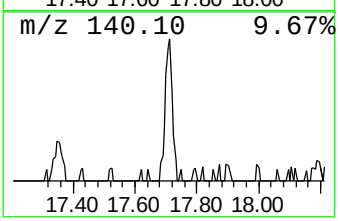












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Acq On : 20 Aug 2020 20:36
Operator : CG/JU
Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

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

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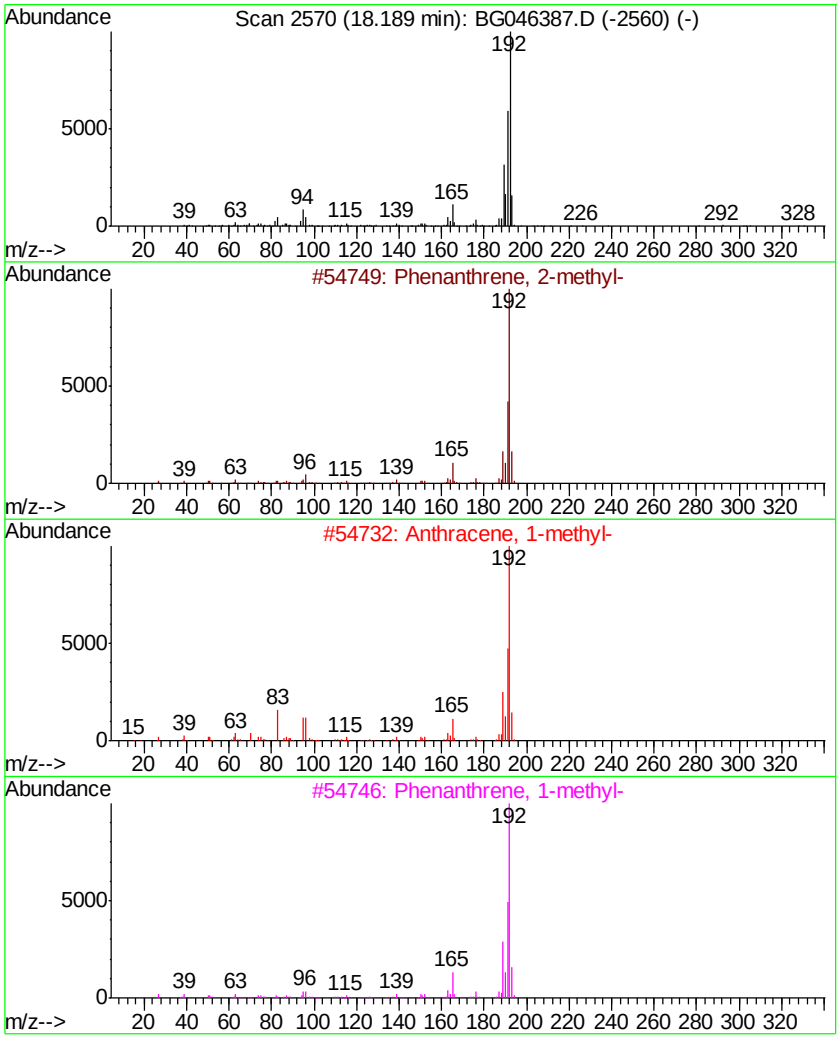
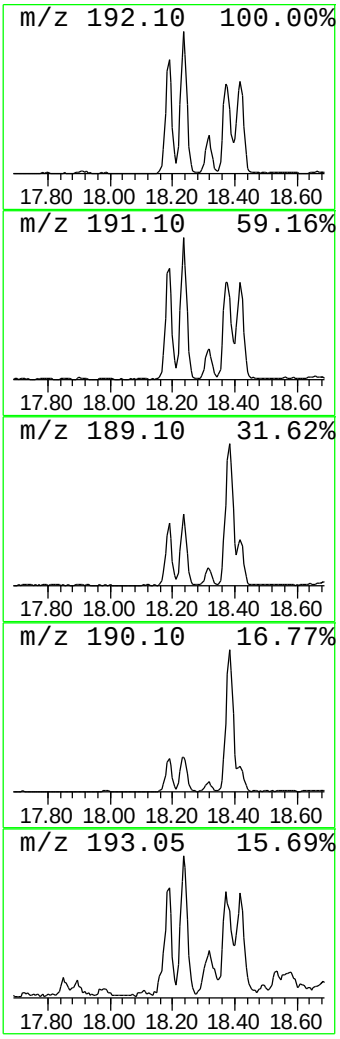
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	6.69 ng/ul	379374	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Acq On : 20 Aug 2020 20:36
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Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

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

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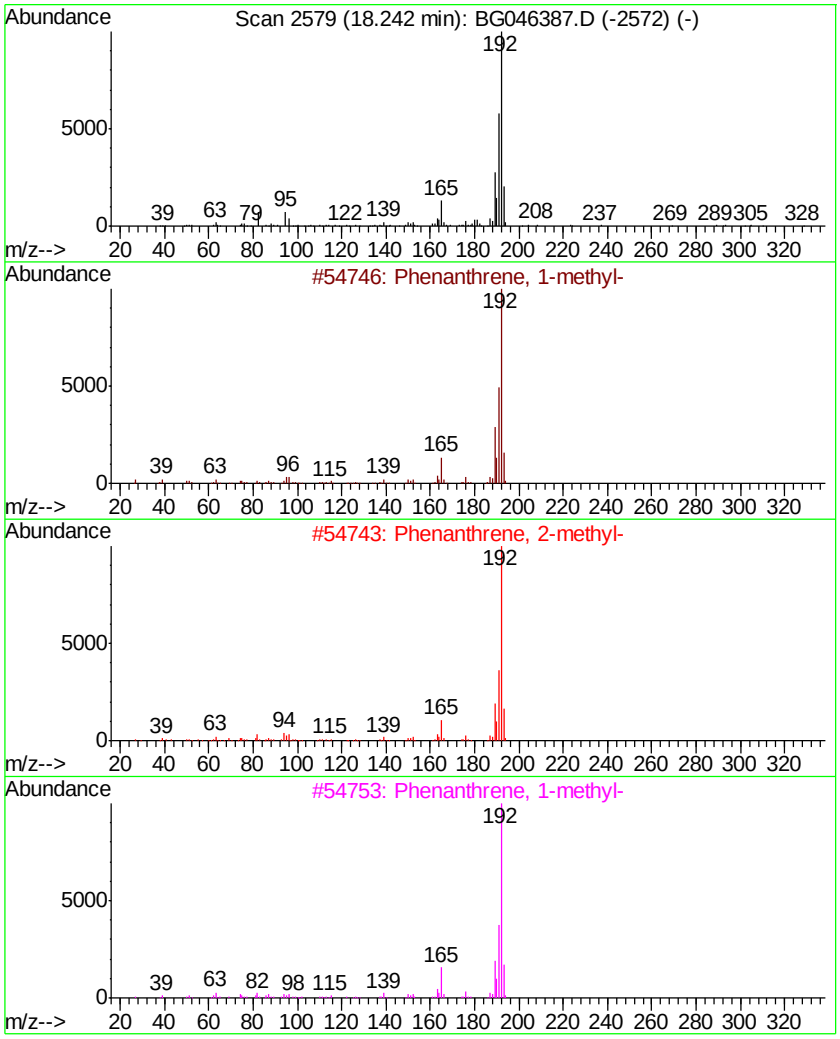
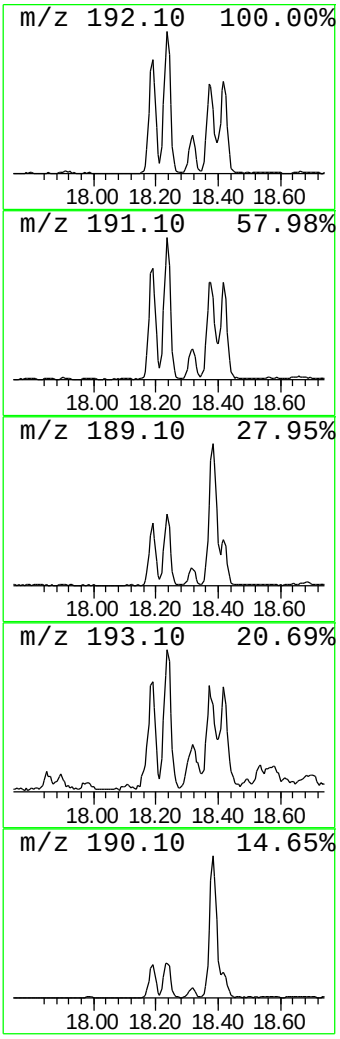
Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	11.34 ng/ul	642472	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Library Search Compound Report

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Operator : CG/JU
Sample : L3634-11
Misc :
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Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

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

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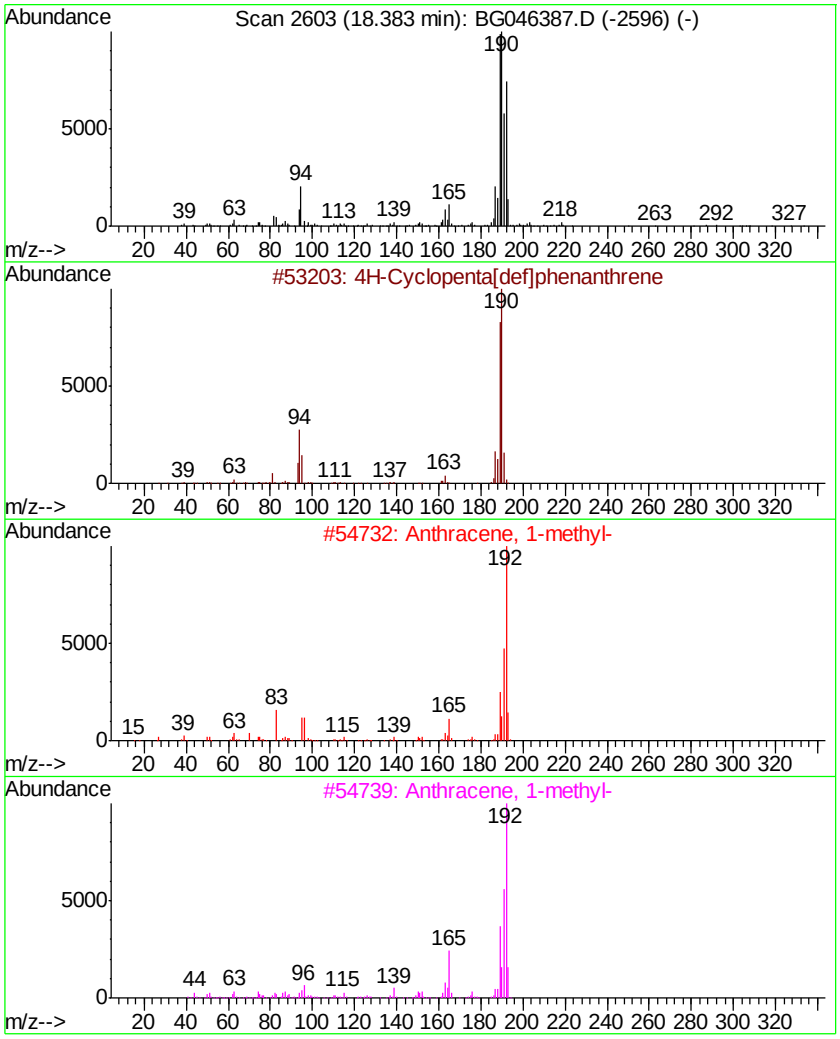
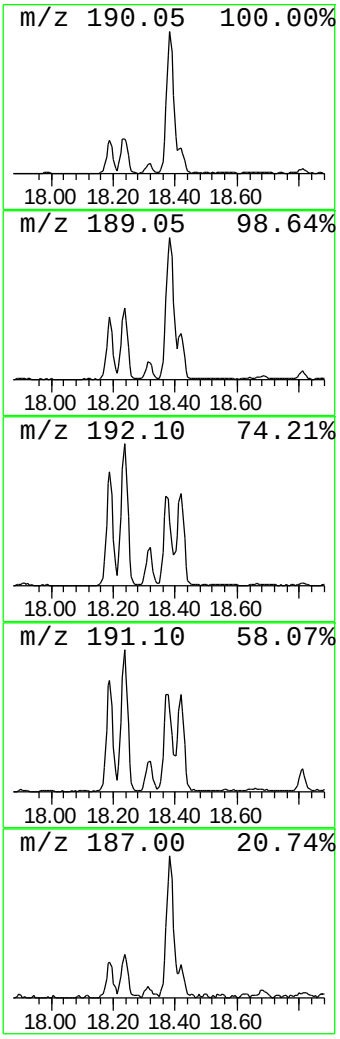
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	9.48 ng/ul	537214	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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





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Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

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

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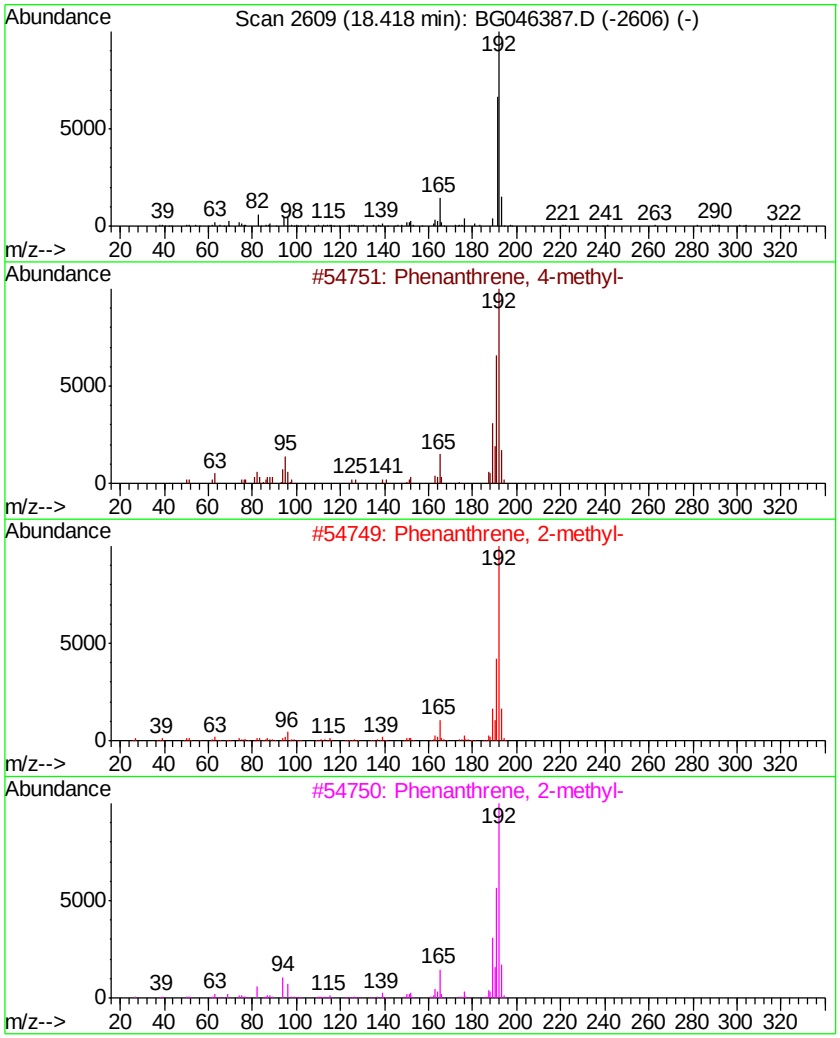
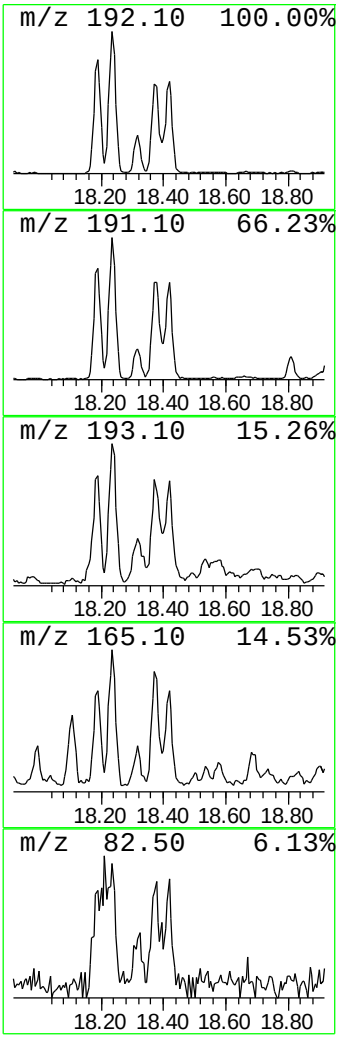
Peak Number 19 Phenanthrene, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.79 ng/ul	271654	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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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 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	5.24 ng/ul	297122	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
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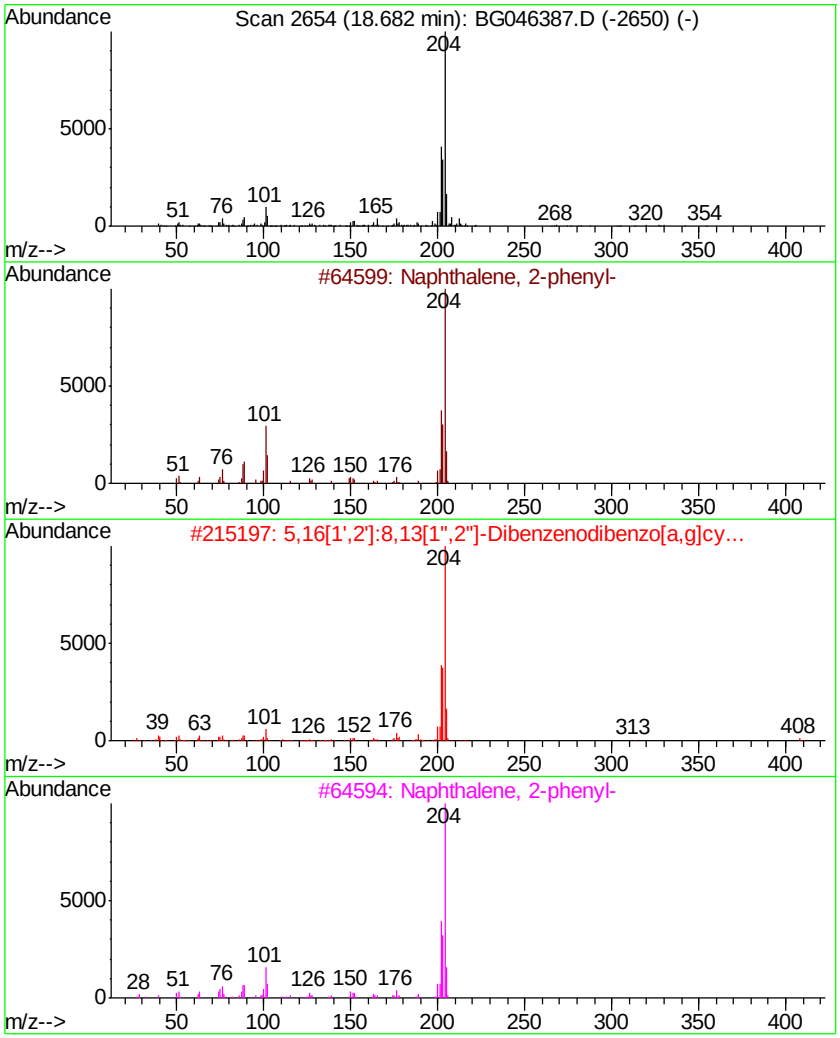

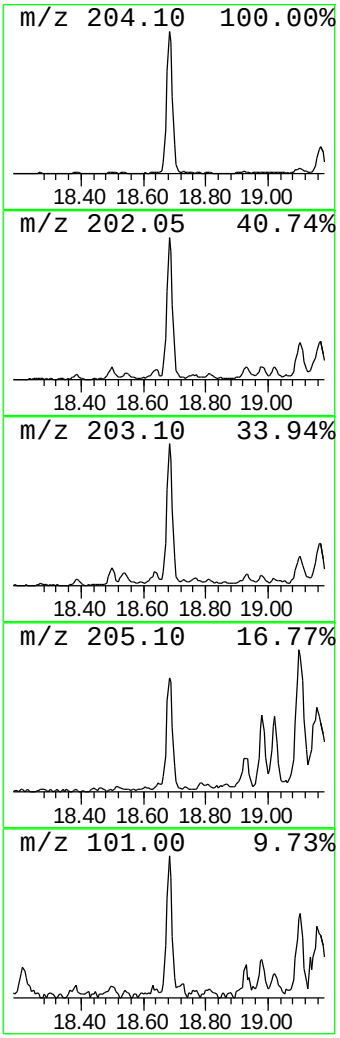

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Operator : CG/JU
Sample : L3634-11
Misc :
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Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

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

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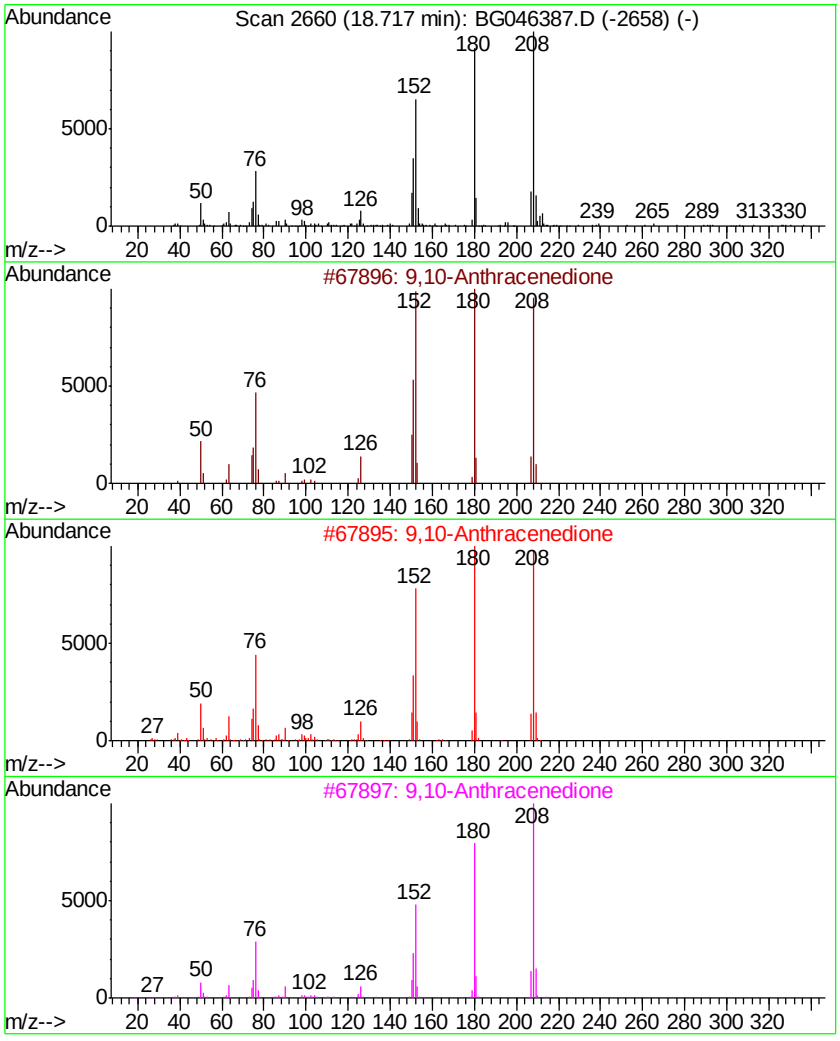
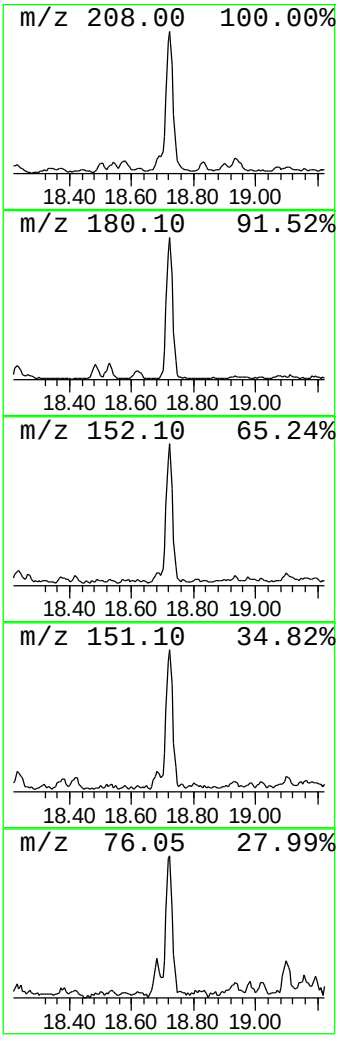
Peak Number 21 9,10-Anthracenedione Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	4.59 ng/ul	259982	Phenanthrene-d10	17.31

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	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

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

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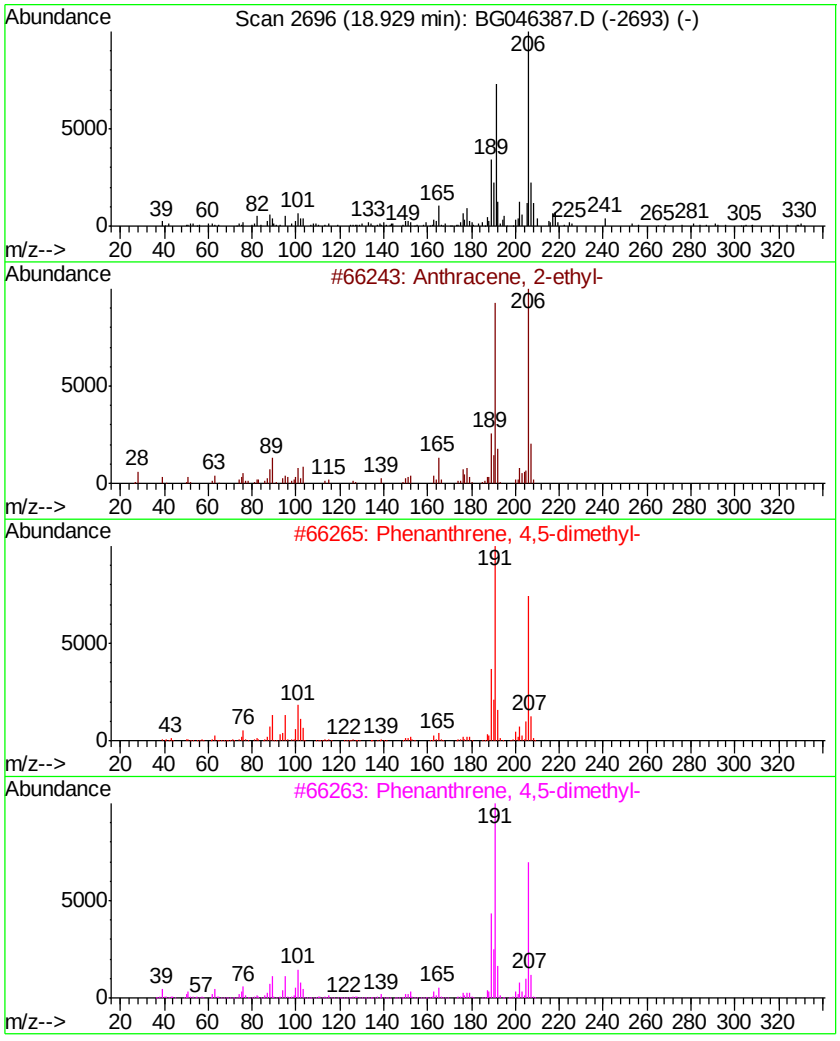
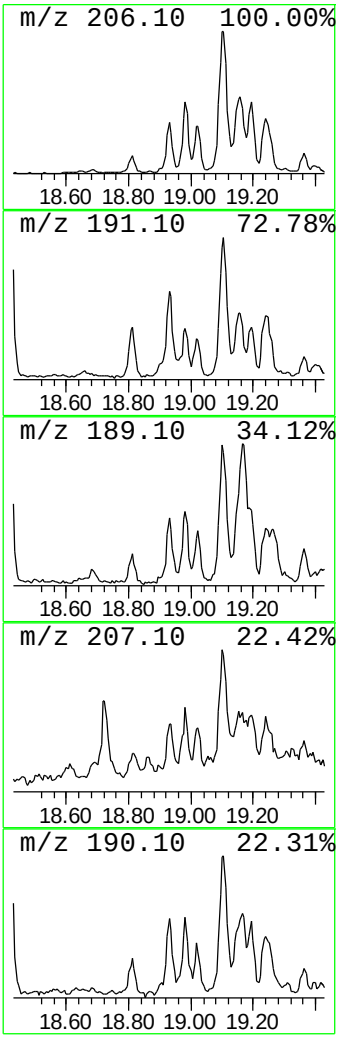
Peak Number 22 Anthracene, 2-ethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.42 ng/ul	137285	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89





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Quant Title : SVOA CALIBRATION

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

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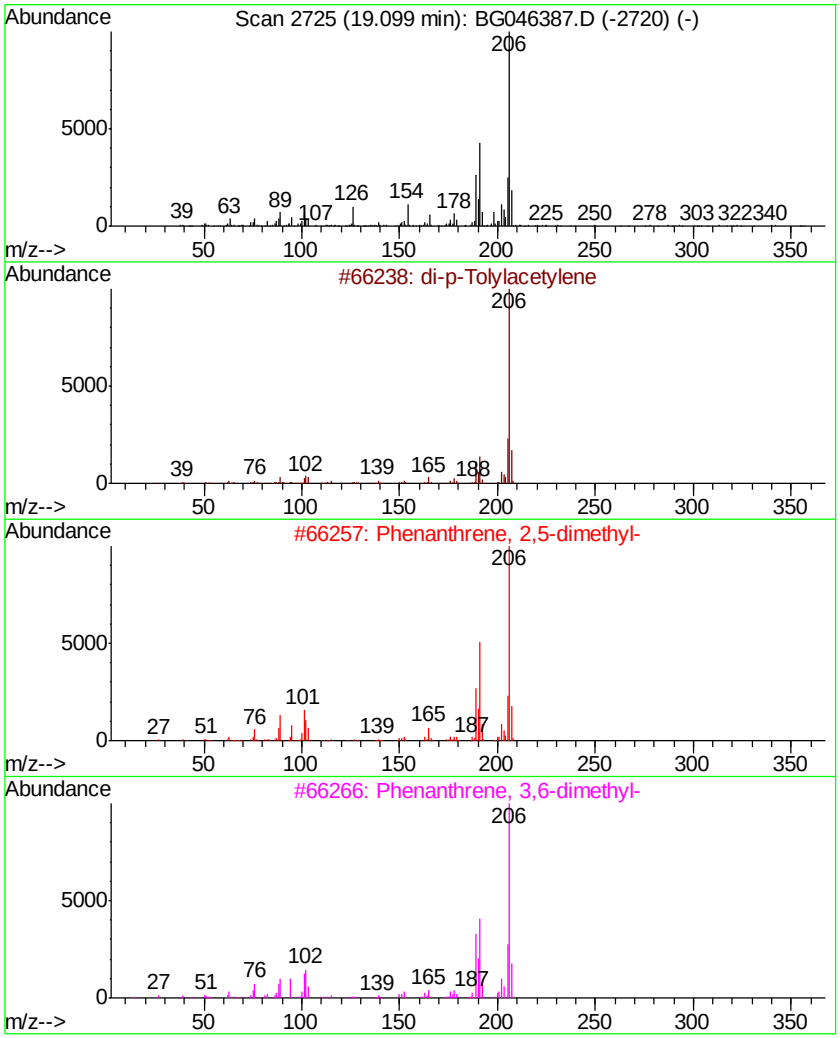
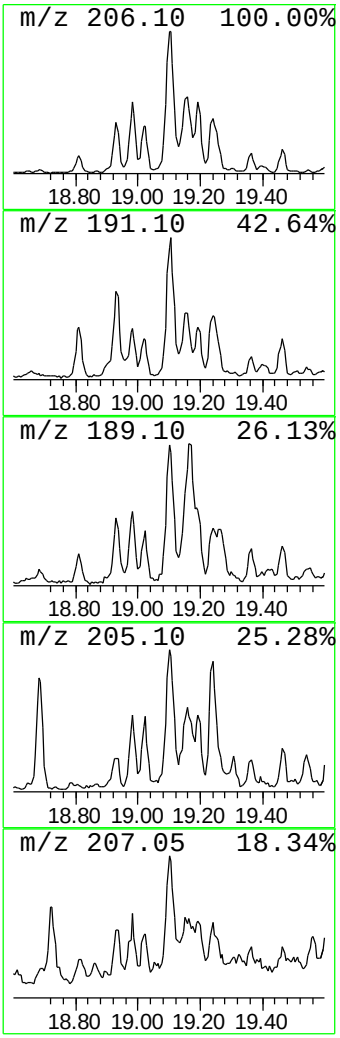
Peak Number 23 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	6.22 ng/ul	352236	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





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Quant Title : SVOA CALIBRATION

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

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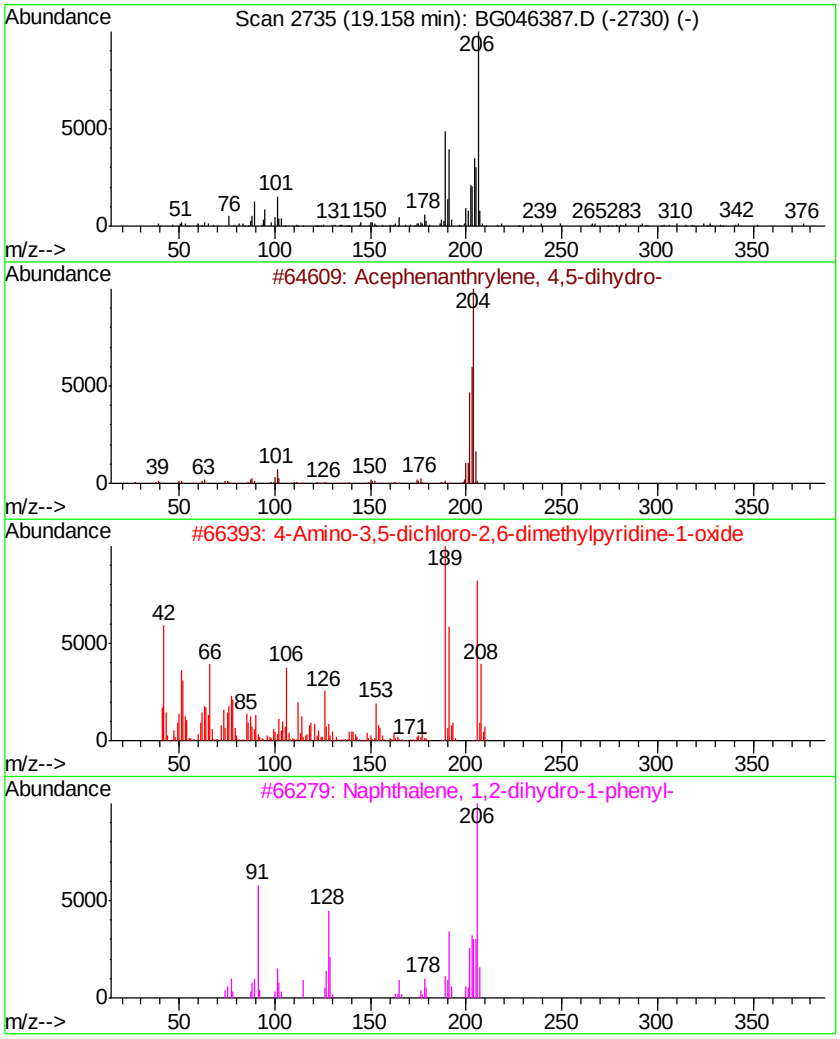
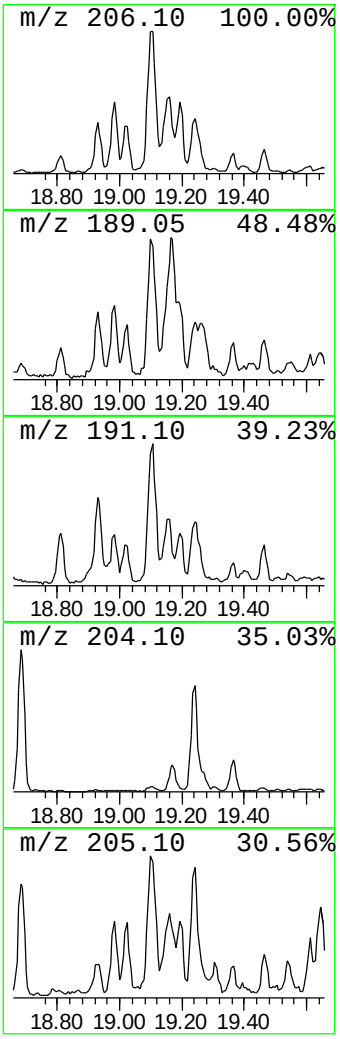
Peak Number 24 unknown-10 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.86 ng/ul	162126	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
2	4-Amino-3,5-dichloro-2,6-dimethy...	206	C7H8Cl2N2O	1000227-19-9	30
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	25
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	25
5	5-Methyl-2-(p-tolylimino)-1,3-th...	206	C11H14N2S	070446-87-6	25





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Data File : BG046387.D
Acq On : 20 Aug 2020 20:36
Operator : CG/JU
Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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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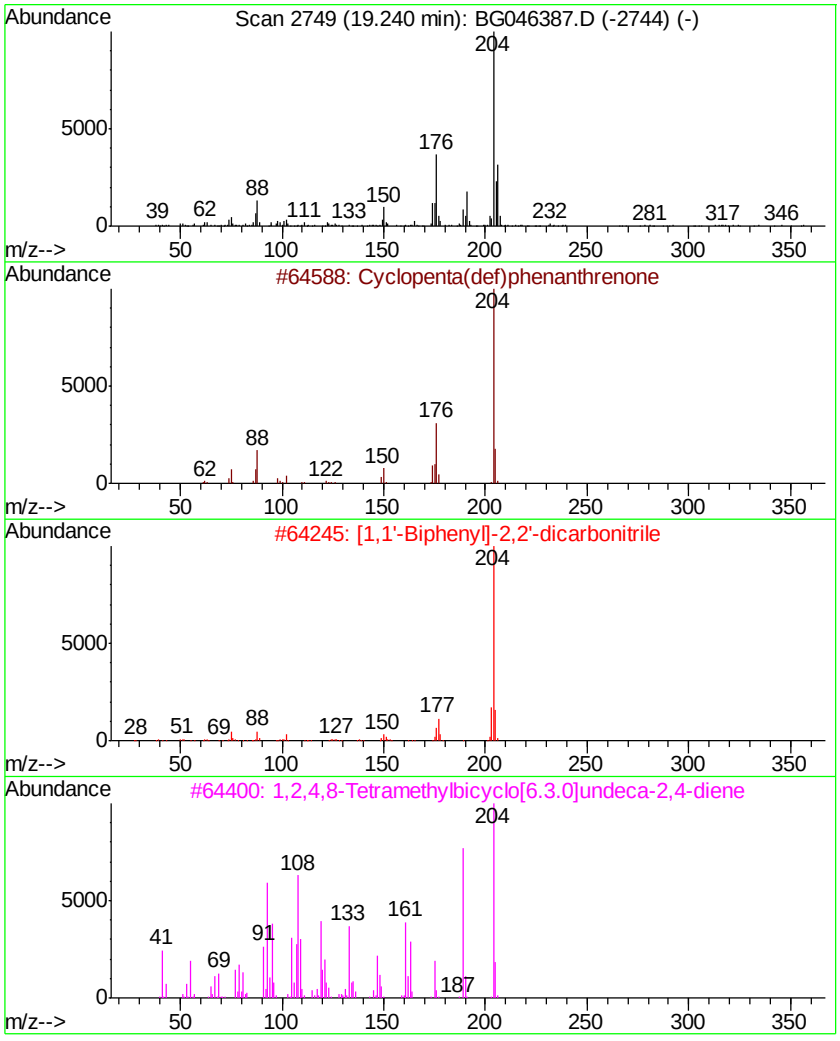
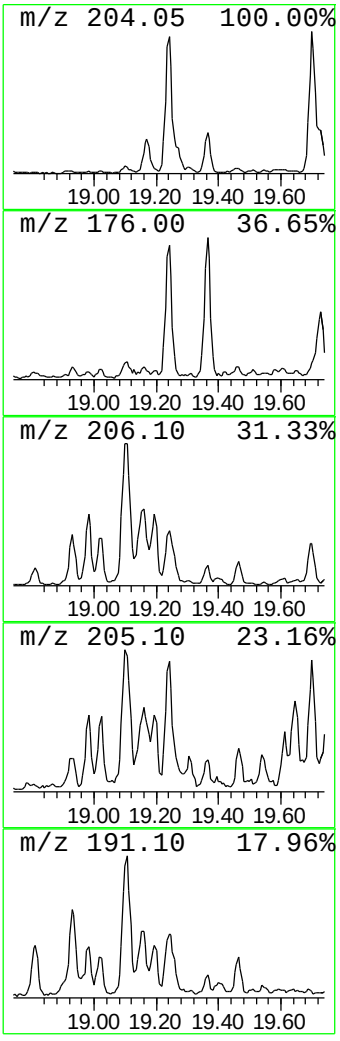
Peak Number 25 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	6.00 ng/ul	340057	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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

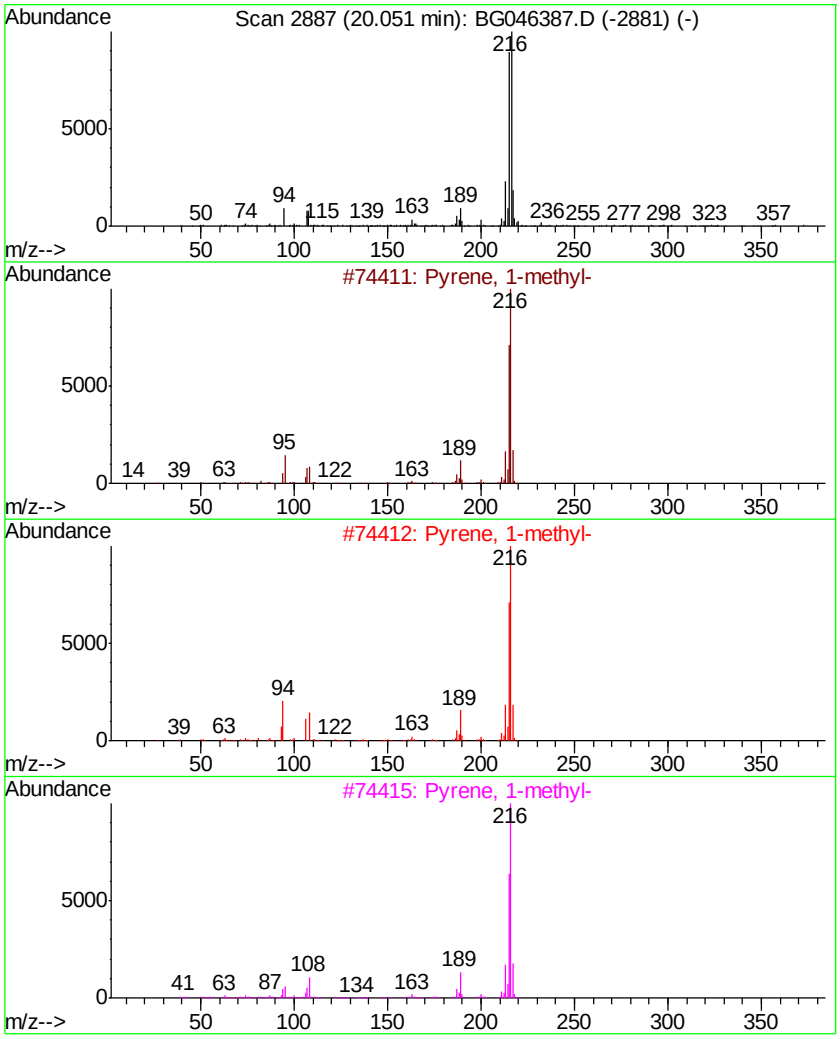
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

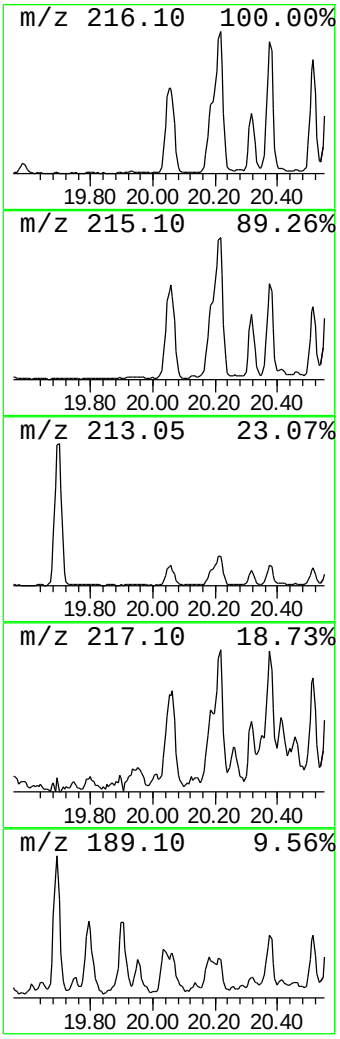
****

Peak Number 26 Pyrene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	3.38 ng/ul	514671	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Library Search Compound Report

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Operator : CG/JU
Sample : L3634-11
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Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

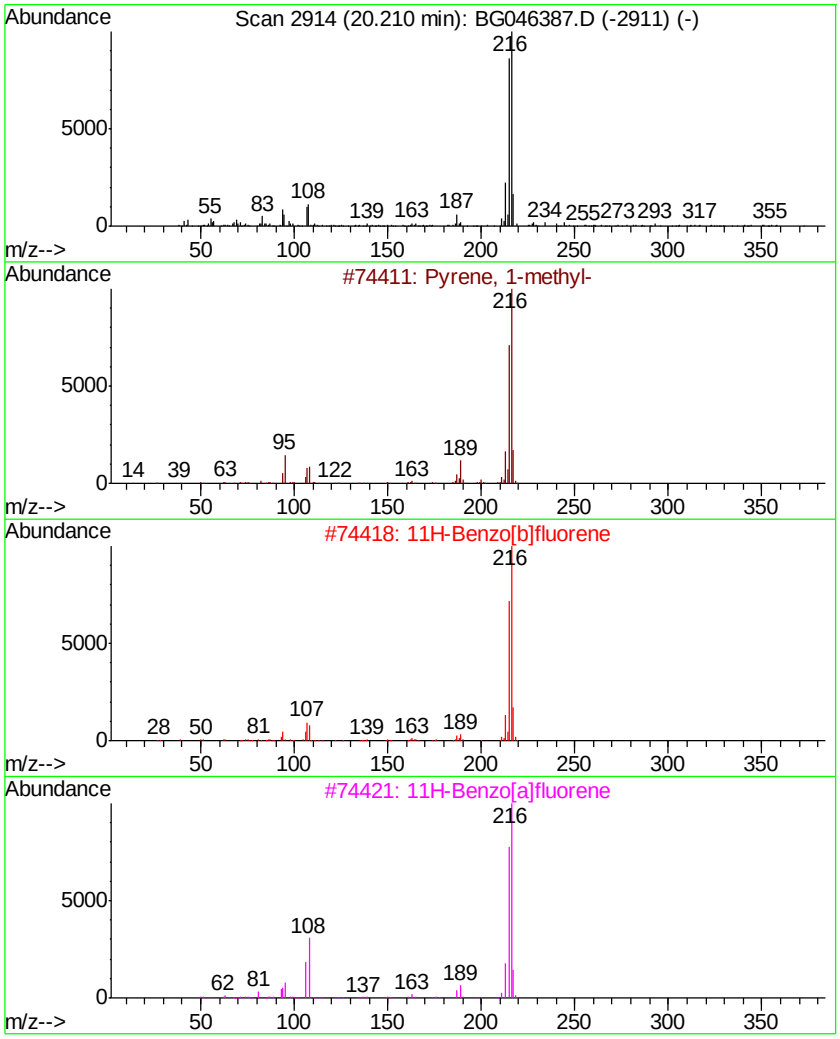
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

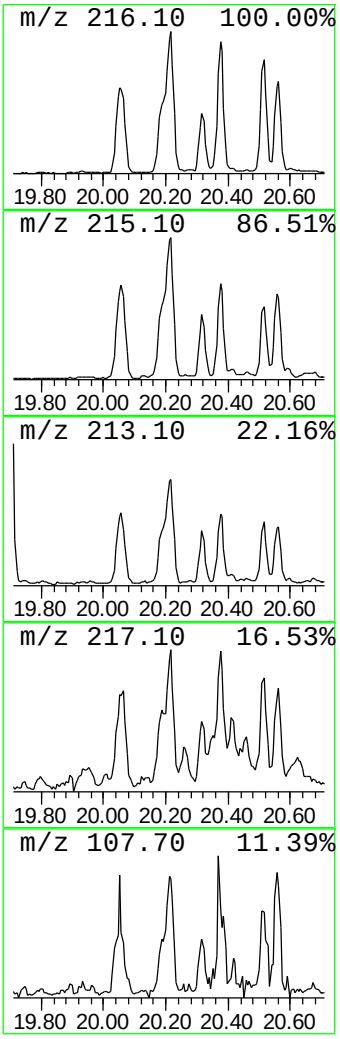
****

Peak Number 27 11H-Benzo[b]fluorene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.76 ng/ul	421046	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Acq On : 20 Aug 2020 20:36
Operator : CG/JU
Sample : L3634-11
Misc :
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Instrument : BNA_G
ClientSampleId : BFMF9

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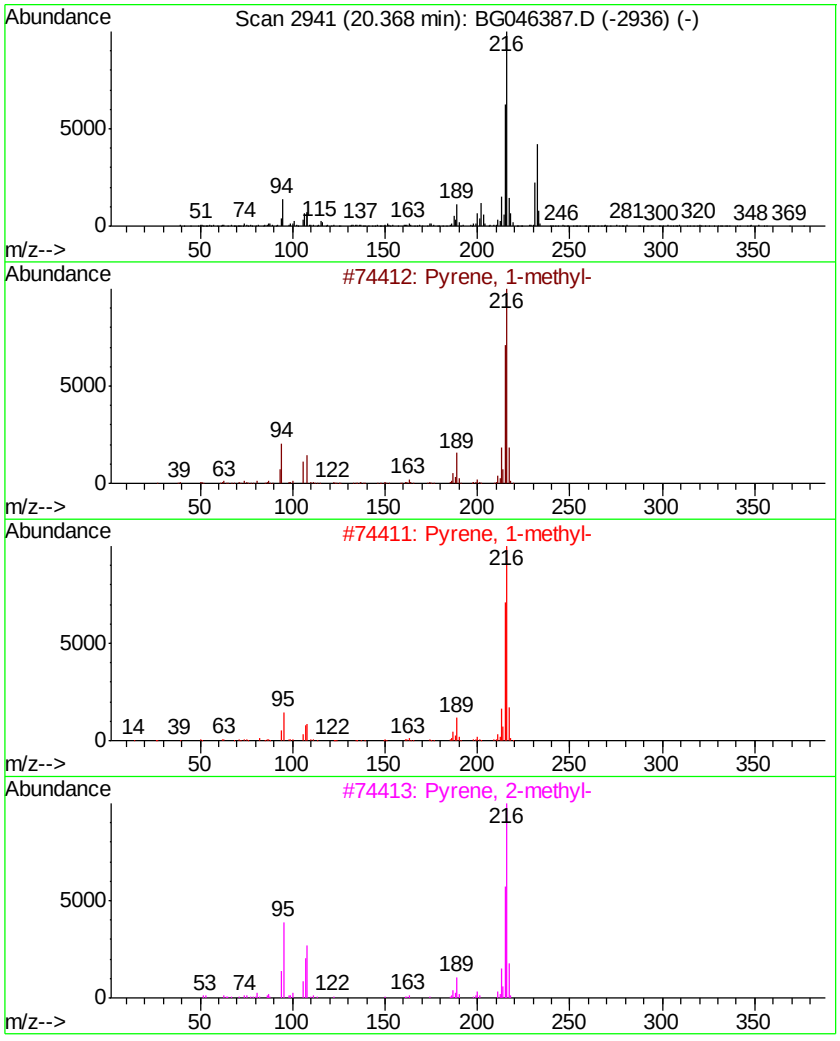
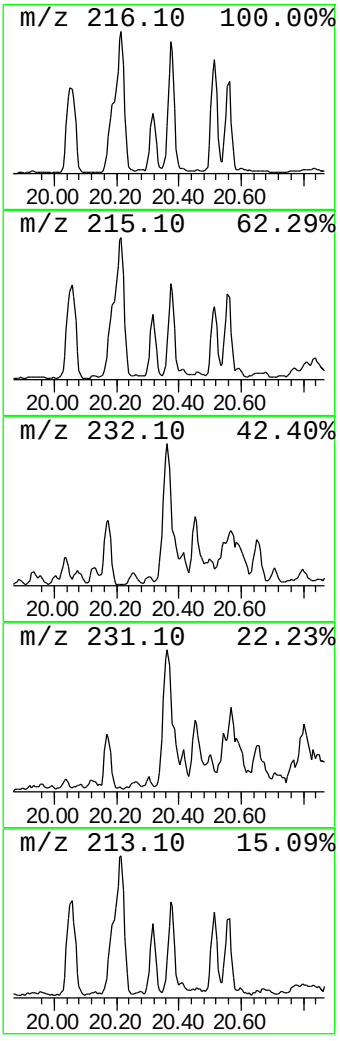
Peak Number 28 Pyrene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	3.22 ng/ul	489739	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	90
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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Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

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

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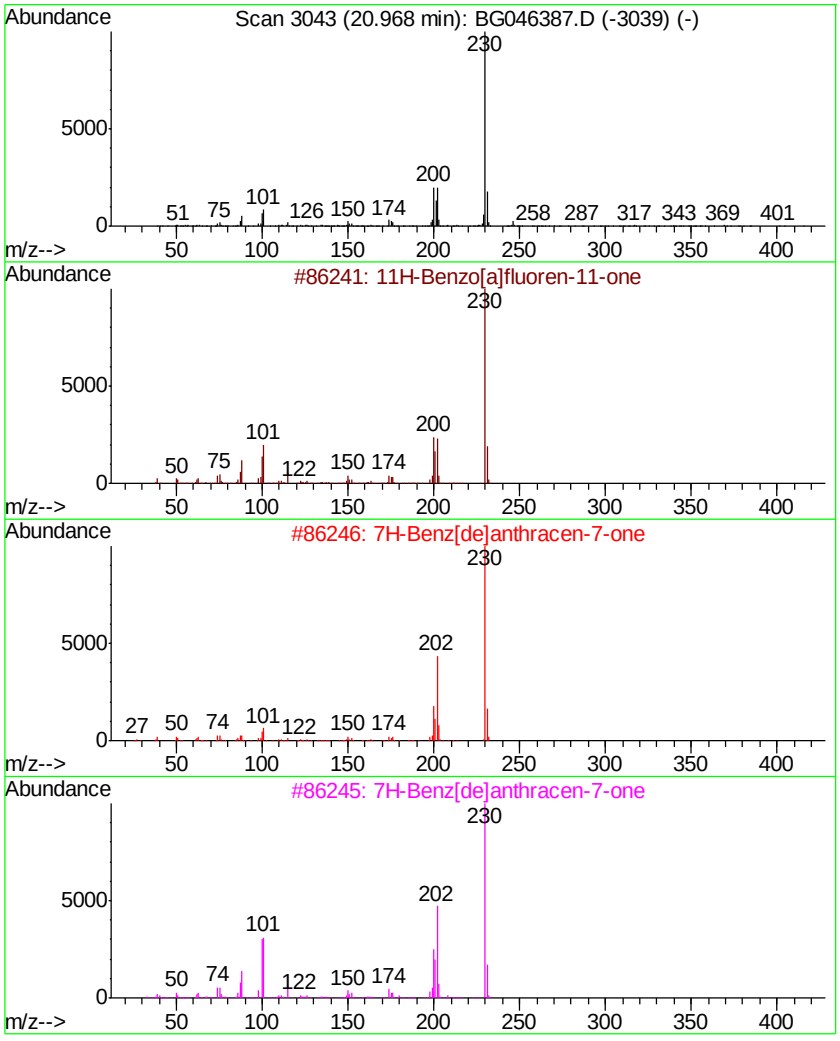
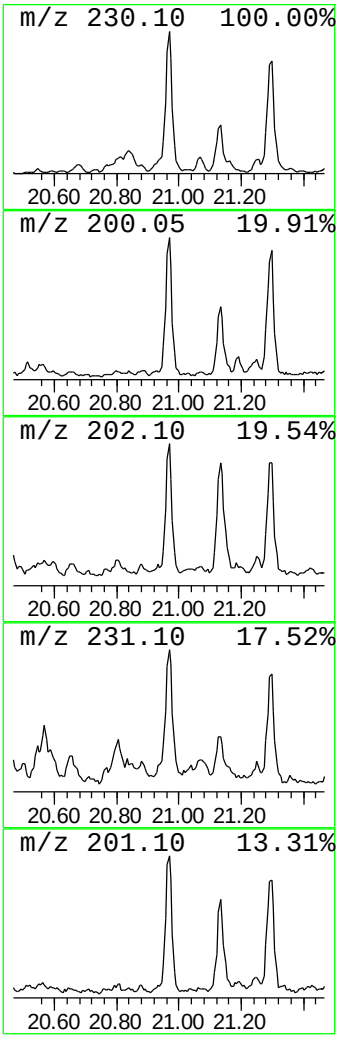
Peak Number 29 11H-Benzo[a]fluoren-11-one Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.94 ng/ul	447743	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	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
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	74





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Misc :
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Instrument : BNA_G
ClientSampleId : BFMF9

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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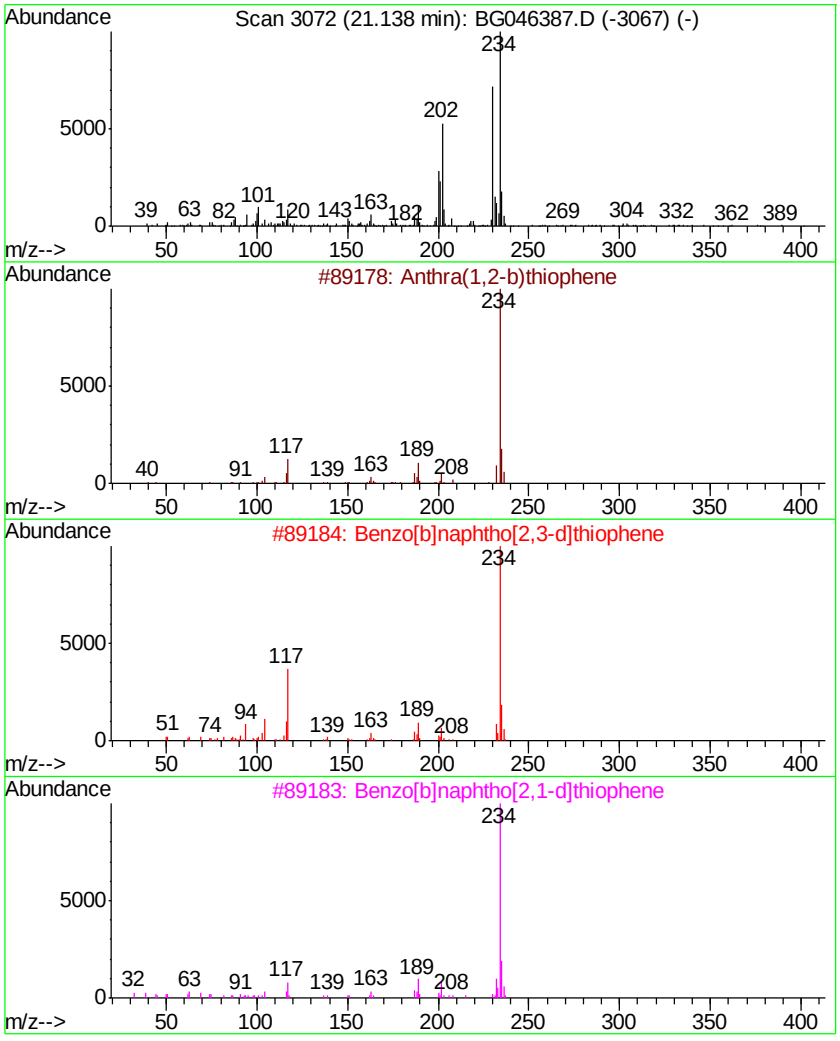
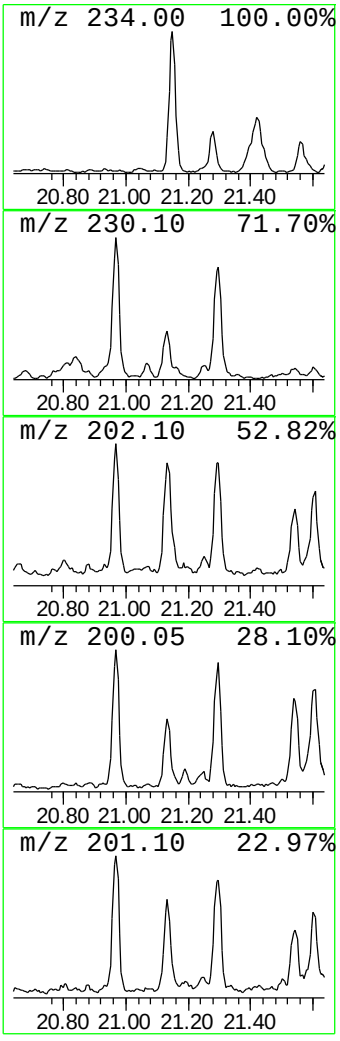
Peak Number 30 Anthra(1,2-b)thiophene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	2.33 ng/ul	355565	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	86
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70





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Operator : CG/JU
Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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Quant Title : SVOA CALIBRATION

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

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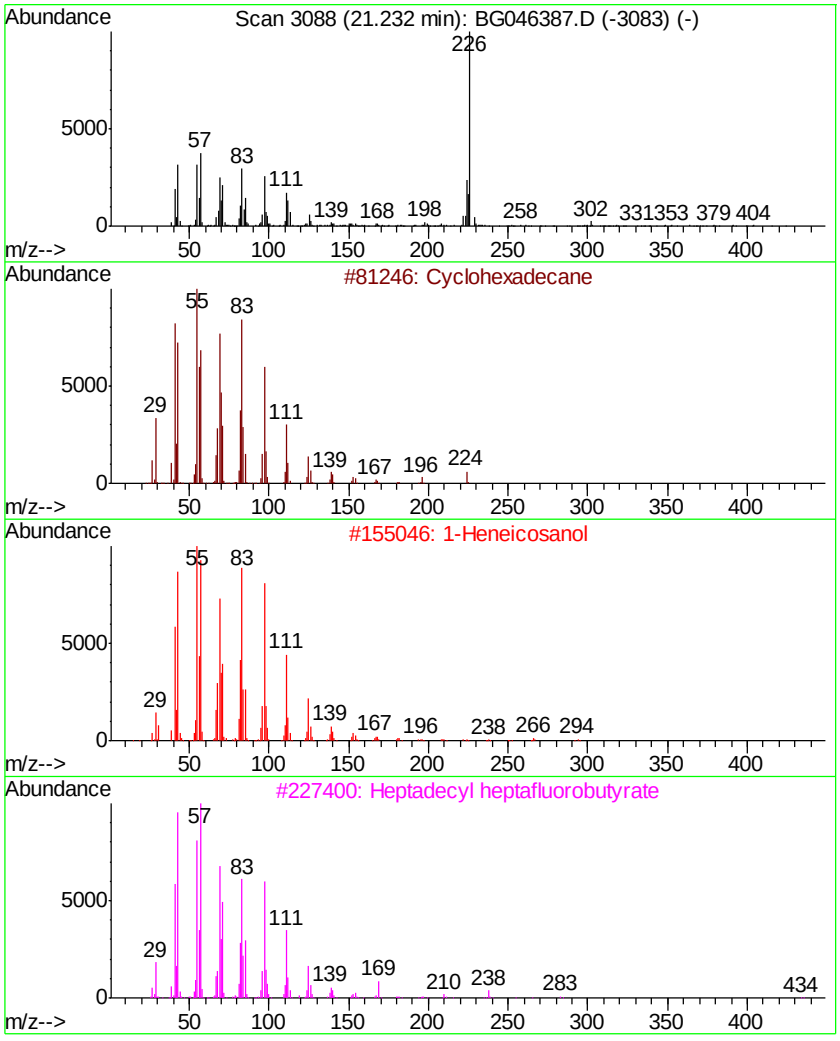
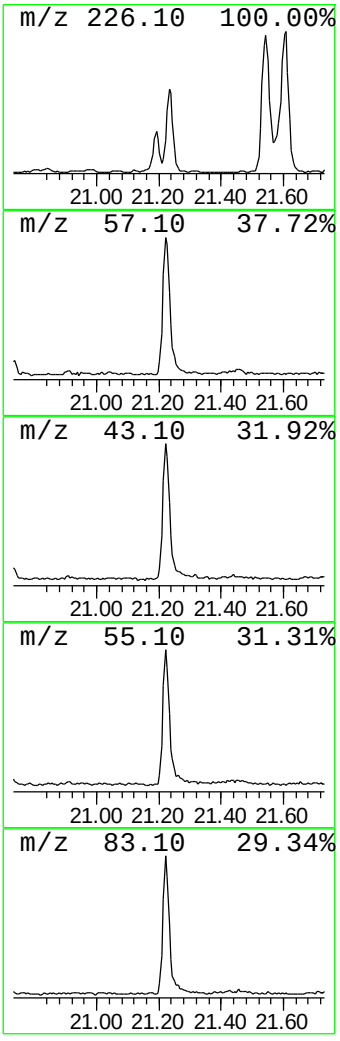
Peak Number 31 (DEL) Alkane: Cyclic21.23 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	6.57 ng/ul	1000520	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	89
4	Behenic alcohol	326	C22H46O	000661-19-8	86
5	1-Docosene	308	C22H44	001599-67-3	76





Library Search Compound Report

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Acq On : 20 Aug 2020 20:36
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Sample : L3634-11
Misc :
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Instrument : BNA_G
ClientSampleId : BFMF9

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

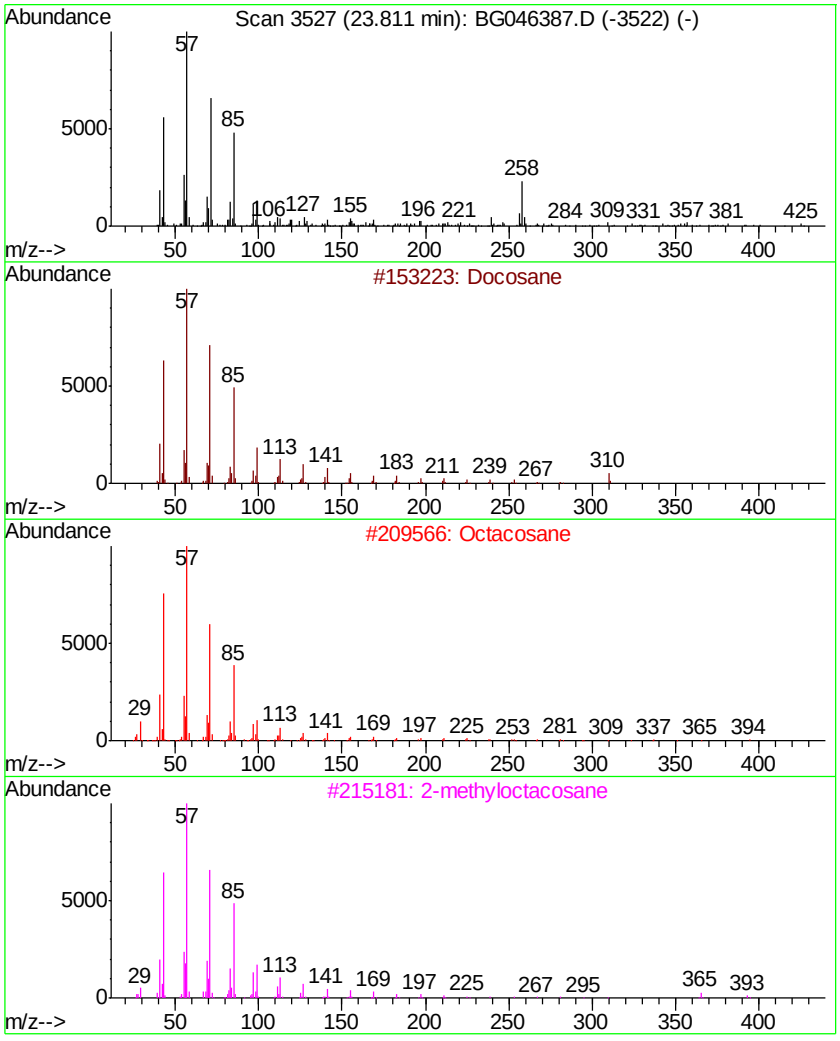
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

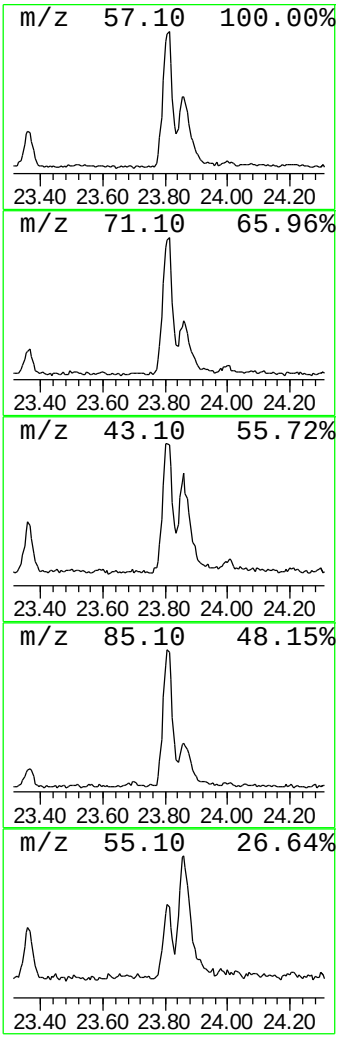
****

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	3.03 ng/ul	199490	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Octacosane	394	C28H58	000630-02-4	81
3	2-methyloctacosane	408	C29H60	1000376-72-8	81
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74
5	Tetracosane	338	C24H50	000646-31-1	74





Library Search Compound Report

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Acq On : 20 Aug 2020 20:36
Operator : CG/JU
Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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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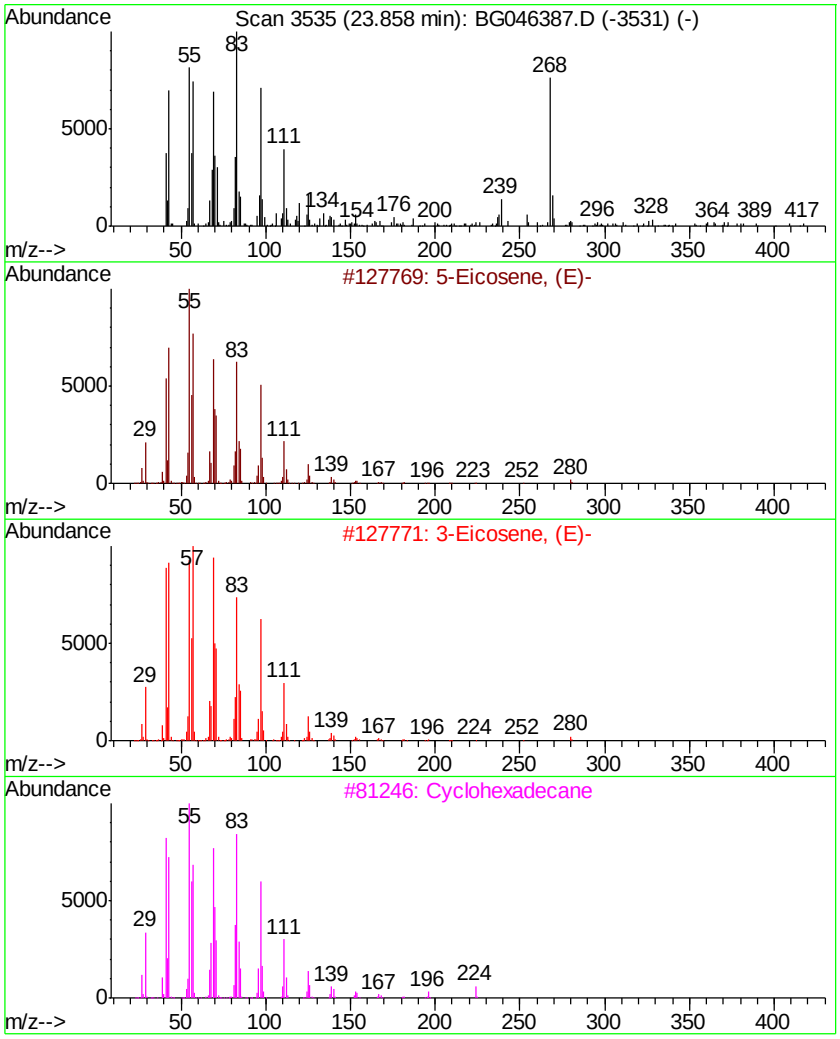
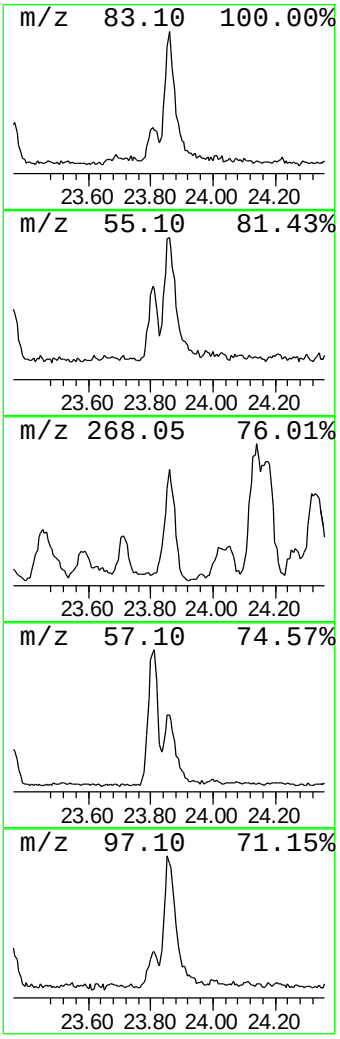
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	4.67 ng/ul	307794	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	60
3	Cyclohexadecane	224	C16H32	000295-65-8	53
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	49
5	Dodecane, 1-cyclopentyl-4-(3-cyc...	348	C25H48	007225-68-5	49





Library Search Compound Report

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Operator : CG/JU
Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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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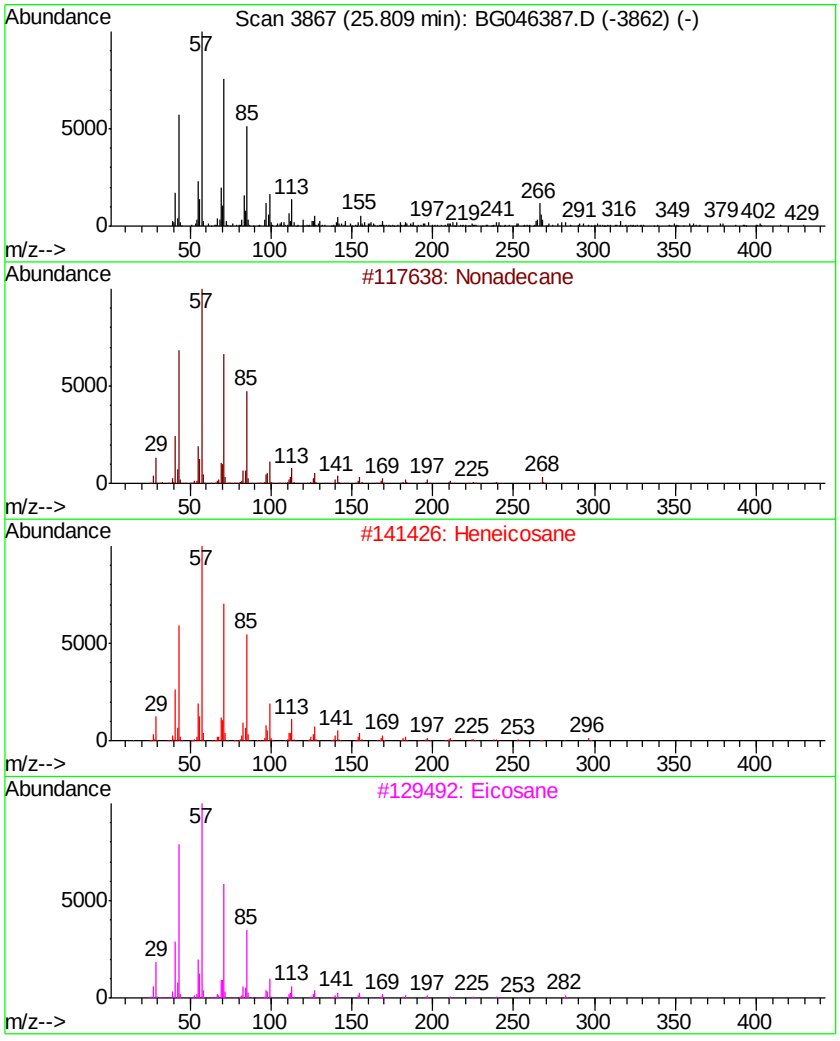
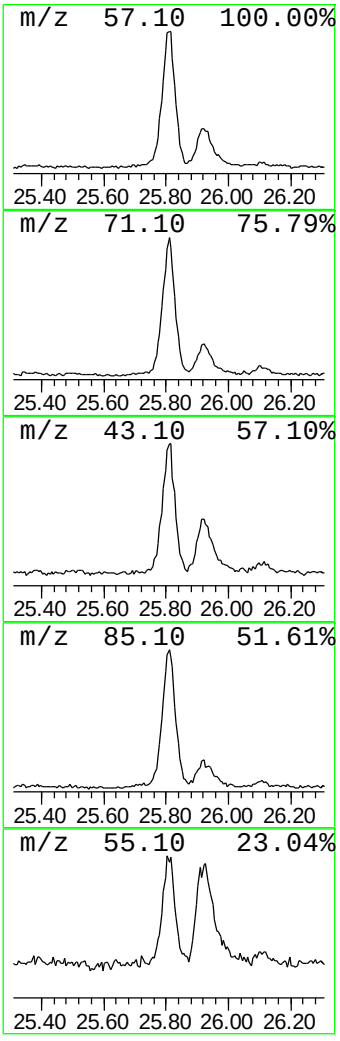
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	5.93 ng/ul	390487	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Heneicosane	296	C21H44	000629-94-7	95
3	Eicosane	282	C20H42	000112-95-8	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





Tentatively Identified Compound (LSC) summary

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Data File : BG046387.D
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Operator : CG/JU
Sample : L3634-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF9

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...	3.15	126.6	ng/ul	2802620	1	7.94	442877	20.0
unknown-01	3.92	3.4	ng/ul	74991	1	7.94	442877	20.0
4H-Imidazol-4-one...	7.11	22.9	ng/ul	507012	1	7.94	442877	20.0
unknown-02	7.27	16.9	ng/ul	374107	1	7.94	442877	20.0
unknown-03	7.48	23.2	ng/ul	513242	1	7.94	442877	20.0
unknown-04	8.65	26.0	ng/ul	575531	1	7.94	442877	20.0
1H-Imidazole, 4-m...	9.09	21.6	ng/ul	478898	1	7.94	442877	20.0
unknown-05	9.82	12.7	ng/ul	411665	2	10.74	648038	20.0
unknown-06	10.87	13.8	ng/ul	445821	2	10.74	648038	20.0
unknown-07	13.97	21.1	ng/ul	962269	3	14.57	912936	20.0
Dimethyl phthalate	14.02	3.9	ng/ul	178946	3	14.57	912936	20.0
unknown-08	14.76	9.1	ng/ul	414829	3	14.57	912936	20.0
unknown-09	15.68	9.5	ng/ul	432276	3	14.57	912936	20.0
9H-Fluoren-9-one	16.96	2.1	ng/ul	120765	4	17.31	1133310	20.0
5H-Indeno[1,2-b]p...	17.71	2.0	ng/ul	115621	4	17.31	1133310	20.0
Phenanthrene, 2-m...	18.19	6.7	ng/ul	379374	4	17.31	1133310	20.0
Phenanthrene, 1-m...	18.24	11.3	ng/ul	642472	4	17.31	1133310	20.0
4H-Cyclopenta[def...	18.38	9.5	ng/ul	537214	4	17.31	1133310	20.0
Phenanthrene, 4-m...	18.42	4.8	ng/ul	271654	4	17.31	1133310	20.0
Naphthalene, 2-ph...	18.68	5.2	ng/ul	297122	4	17.31	1133310	20.0
9,10-Anthracenedione	18.72	4.6	ng/ul	259982	4	17.31	1133310	20.0
Anthracene, 2-ethyl-	18.93	2.4	ng/ul	137285	4	17.31	1133310	20.0
di-p-Tolylacetylene	19.10	6.2	ng/ul	352236	4	17.31	1133310	20.0
unknown-10	19.16	2.9	ng/ul	162126	4	17.31	1133310	20.0
Cyclopenta(def)ph...	19.24	6.0	ng/ul	340057	4	17.31	1133310	20.0
Pyrene, 1-methyl-	20.05	3.4	ng/ul	514671	5	21.56	3046220	20.0
11H-Benzo[b]fluorene	20.21	2.8	ng/ul	421046	5	21.56	3046220	20.0
Pyrene, 2-methyl-	20.37	3.2	ng/ul	489739	5	21.56	3046220	20.0
11H-Benzo[a]fluor...	20.97	2.9	ng/ul	447743	5	21.56	3046220	20.0
Anthra(1,2-b)thio...	21.14	2.3	ng/ul	355565	5	21.56	3046220	20.0
(DEL) Alkane: Cyc...	21.23	6.6	ng/ul	1000520	5	21.56	3046220	20.0
(DEL) Alkane: Str...	23.81	3.0	ng/ul	199490	6	24.67	1317020	20.0
(DEL) Alkane: Str...	23.86	4.7	ng/ul	307794	6	24.67	1317020	20.0
(DEL) Alkane: Str...	25.81	5.9	ng/ul	390487	6	24.67	1317020	20.0