LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046378.D
Acq On : 20 Aug 2020 14:33
Operator : CG/JU
Sample : L3634-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME9

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	3.142	4	9	27	rVB	1652961	2553956	100.00%	7.558%
2	3.394	49	52	59	rVB2	10405	16552	0.65%	0.049%
3	3.823	119	125	130	rBV	11530	16961	0.66%	0.050%
4	3.911	135	140	149	rVV	63672	98100	3.84%	0.290%
5	4.046	159	163	174	rVB	16591	29743	1.16%	0.088%
6	5.051	329	334	343	rVB	13266	20848	0.82%	0.062%
7	5.139	345	349	355	rBV	10384	14660	0.57%	0.043%
8	7.107	677	684	699	rBV	170377	326997	12.80%	0.968%
9	7.266	704	711	723	rBV	147041	256595	10.05%	0.759%
10	7.472	738	746	754	rBV	187930	326117	12.77%	0.965%
11	7.536	754	757	769	rVB3	15923	36243	1.42%	0.107%
12	7.936	817	825	834	rBV	306545	513486	20.11%	1.520%
13	8.647	938	946	960	rBV2	158344	302104	11.83%	0.894%
14	9.088	1014	1021	1033	rBV	174509	324900	12.72%	0.961%
15	9.816	1137	1145	1153	rVV	147549	274516	10.75%	0.812%
16	10.357	1229	1237	1248	rBV	239918	429162	16.80%	1.270%
17	10.733	1292	1301	1308	rBV	433053	783874	30.69%	2.320%
18	10.862	1316	1323	1342	rVB	129437	266837	10.45%	0.790%
19	13.888	1833	1838	1844	rBV3	9673	16738	0.66%	0.050%
20	13.970	1844	1852	1856	rBV	483208	710408	27.82%	2.102%
21	14.017	1856	1860	1866	rVB	222949	305249	11.95%	0.903%
22	14.258	1894	1901	1912	rBV	509158	865610	33.89%	2.562%
23	14.569	1946	1954	1960	rBV	689412	1132654	44.35%	3.352%
24	14.628	1960	1964	1970	rVB	19039	28382	1.11%	0.084%
25	14.763	1981	1987	1998	rBV	121179	242357	9.49%	0.717%
26	14.963	2016	2021	2028	rVB3	20687	39301	1.54%	0.116%
27	15.556	2115	2122	2128	rBV	712468	1088729	42.63%	3.222%
28	15.615	2128	2132	2136	rVV2	35834	52371	2.05%	0.155%
29	15.674	2136	2142	2150	rVV	150777	230776	9.04%	0.683%
30	15.797	2156	2163	2166	rBV4	9294	17011	0.67%	0.050%
31	15.909	2177	2182	2191	rVB	18357	32798	1.28%	0.097%
32	16.056	2200	2207	2215	rBV	17881	40740	1.60%	0.121%
33	16.138	2215	2221	2229	rVB6	7429	15516	0.61%	0.046%
34	16.291	2241	2247	2253	rBV6	16318	31249	1.22%	0.092%

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Sample : L3634-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME9

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	16.590	2291	2298	2300	rBV6	8064	14502	0.57%	0.043%
36	16.620	2300	2303	2308	rVV6	12851	20921	0.82%	0.062%
37	16.849	2338	2342	2346	rBV2	17913	29647	1.16%	0.088%
38	16.961	2356	2361	2369	rVB	41736	74769	2.93%	0.221%
39	17.049	2371	2376	2381	rBV4	15982	39209	1.54%	0.116%
40	17.131	2386	2390	2396	rVB	25565	39771	1.56%	0.118%
41	17.307	2412	2420	2424	rBV	895671	1371877	53.72%	4.060%
42	17.348	2424	2427	2432	rVB	480571	663028	25.96%	1.962%
43	17.407	2432	2437	2442	rBV	713393	1052372	41.21%	3.114%
44	17.495	2448	2452	2458	rVB4	19895	33654	1.32%	0.100%
45	17.625	2470	2474	2478	rVB5	11689	18402	0.72%	0.054%
46	17.707	2479	2488	2493	rBV2	42858	89769	3.51%	0.266%
47	17.824	2504	2508	2515	rVB4	22289	37848	1.48%	0.112%
48	17.889	2515	2519	2524	rBV4	22965	34706	1.36%	0.103%
49	17.983	2529	2535	2540	rBV7	14224	31192	1.22%	0.092%
50	18.100	2552	2555	2560	rVB4	14499	19245	0.75%	0.057%
51	18.183	2560	2569	2572	rBV	109118	193837	7.59%	0.574%
52	18.230	2574	2577	2584	rVV	153098	253858	9.94%	0.751%
53	18.312	2587	2591	2596	rVV	33327	50241	1.97%	0.149%
54	18.377	2596	2602	2606	rVV2	120397	233046	9.12%	0.690%
55	18.412	2606	2608	2616	rVB	82481	114359	4.48%	0.338%
56	18.529	2616	2628	2631	rBV7	25836	82035	3.21%	0.243%
57	18.682	2649	2654	2657	rVV	87882	130351	5.10%	0.386%
58	18.717	2657	2660	2666	rVB	104714	144581	5.66%	0.428%
59	18.929	2688	2696	2700	rBV2	40729	70251	2.75%	0.208%
60	18.982	2701	2705	2708	rVV2	39071	51546	2.02%	0.153%
61	19.017	2708	2711	2715	rVB2	31509	42061	1.65%	0.124%
62	19.099	2720	2725	2729	rBV	88610	137106	5.37%	0.406%
63	19.234	2744	2748	2757	rVB	85414	134399	5.26%	0.398%
64	19.358	2764	2769	2776	rVB	966970	1337400	52.37%	3.958%
65	19.422	2777	2780	2783	rBV2	23782	30003	1.17%	0.089%
66	19.458	2783	2786	2790	rVB3	27538	40390	1.58%	0.120%
67	19.505	2791	2794	2798	rBV	39623	51321	2.01%	0.152%
68	19.552	2798	2802	2807	rBV3	37306	62618	2.45%	0.185%
69	19.693	2820	2826	2829	rBV2	1055298	1696114	66.41%	5.019%
70	19.722	2829	2831	2839	rVB	868084	1008338	39.48%	2.984%
71	19.793	2839	2843	2848	rBV3	56297	93218	3.65%	0.276%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3634-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME9

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

72	19.898	2857	2861	2867	rBV	49730	74443	2.91%	0.220%
73	19.951	2867	2870	2877	rVB2	48711	80976	3.17%	0.240%
74	20.039	2879	2885	2893	rBV4	95676	295977	11.59%	0.876%
75	20.180	2905	2909	2910	rBV3	53699	71355	2.79%	0.211%
76	20.210	2911	2914	2925	rVB	140756	216063	8.46%	0.639%
77	20.316	2928	2932	2935	rBV	53188	73131	2.86%	0.216%
78	20.374	2937	2942	2945	rVB2	114974	177472	6.95%	0.525%
79	20.509	2961	2965	2969	rBV2	75843	109103	4.27%	0.323%
80	20.562	2969	2974	2977	rVB3	62912	102199	4.00%	0.302%
81	20.962	3038	3042	3050	rVB	145656	224189	8.78%	0.663%
82	21.138	3066	3072	3077	rBV2	82401	205116	8.03%	0.607%
83	21.185	3077	3080	3082	rVV	99995	129115	5.06%	0.382%
84	21.220	3082	3086	3094	rVV3	410965	770549	30.17%	2.280%
85	21.291	3094	3098	3106	rVB	123984	223977	8.77%	0.663%
86	21.555	3135	3143	3148	rBV3	1064056	2304891	90.25%	6.821%
87	21.602	3148	3151	3160	rVB	443255	672553	26.33%	1.990%
88	21.949	3206	3210	3217	rBV3	63796	113365	4.44%	0.335%
89	22.266	3262	3264	3271	rVB	104524	136733	5.35%	0.405%
90	22.360	3273	3280	3288	rVV5	115761	340550	13.33%	1.008%
91	23.682	3497	3505	3512	rBV2	329387	1057689	41.41%	3.130%
92	23.806	3521	3526	3530	rBV2	99516	182766	7.16%	0.541%
93	23.858	3530	3535	3542	rVB	126279	246313	9.64%	0.729%
94	24.375	3617	3623	3628	rBV	142462	348728	13.65%	1.032%
95	24.452	3629	3636	3642	rVV	411796	1017089	39.82%	3.010%
96	24.516	3642	3647	3660	rVB	259722	652397	25.54%	1.931%
97	24.663	3664	3672	3682	rBV2	522585	1465077	57.37%	4.336%
98	25.803	3859	3866	3875	rVB2	133474	353392	13.84%	1.046%
99	25.915	3881	3885	3906	rVB8	86307	322813	12.64%	0.955%
100	26.790	4028	4034	4055	rVB8	228244	854714	33.47%	2.529%

Sum of corrected areas: 33792260

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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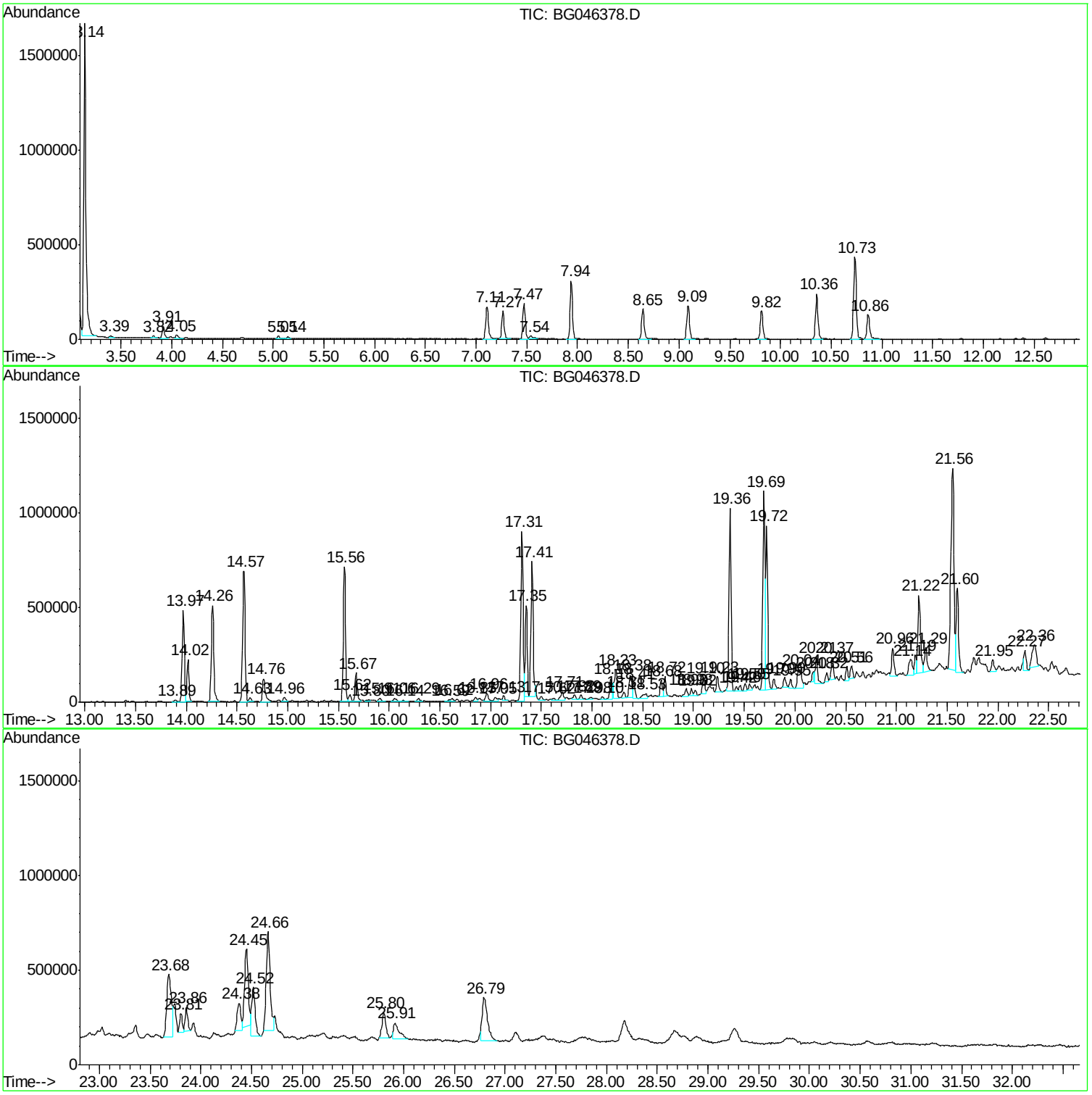
Acq On : 20 Aug 2020 14:33
Operator : CG/JU
Sample : L3634-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME9

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

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Data File : BG046378.D
Acq On : 20 Aug 2020 14:33
Operator : CG/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : BFME9

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

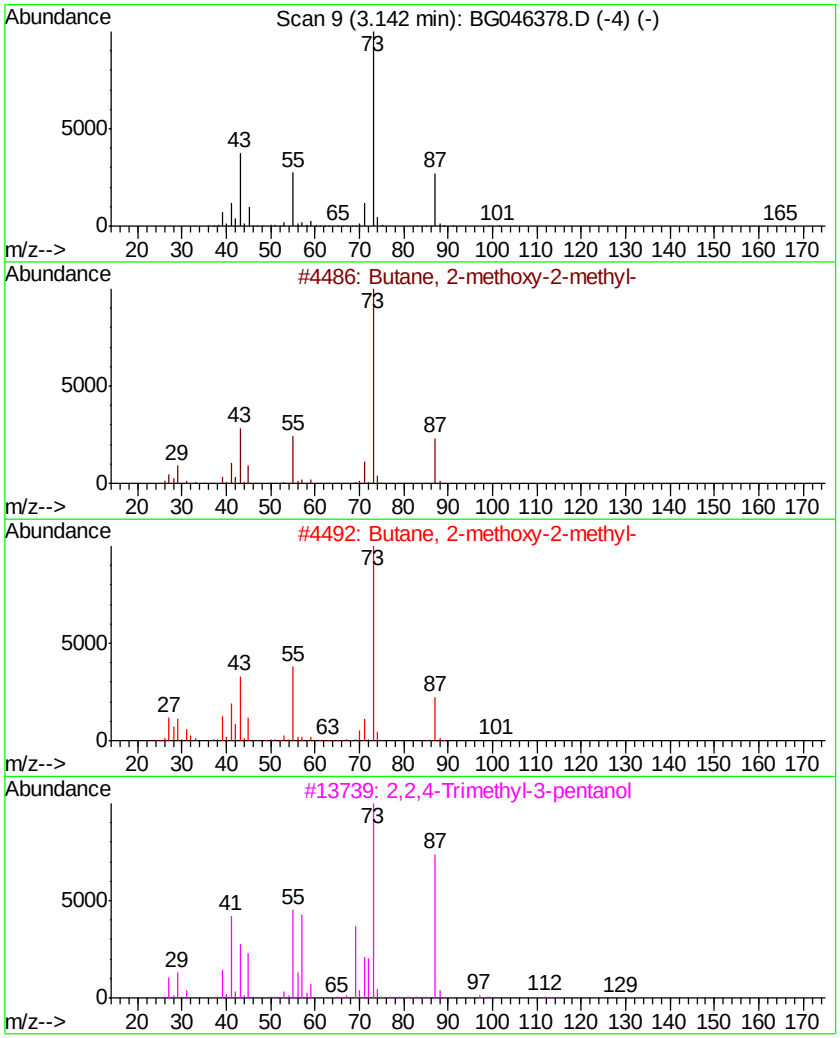
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

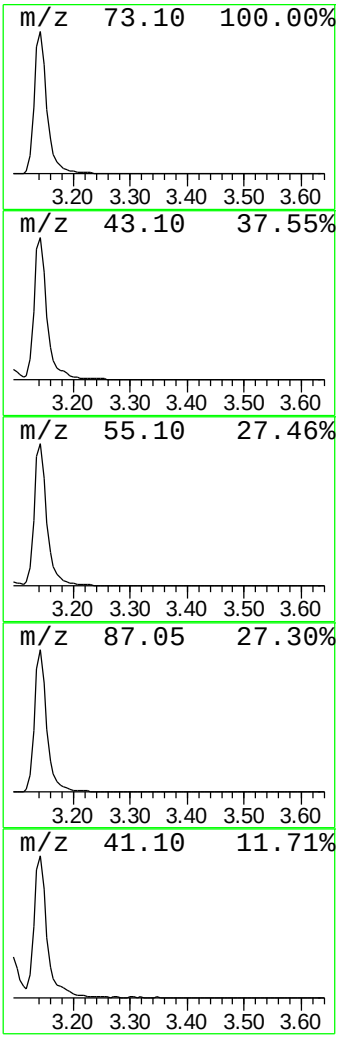
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	99.48 ng/ul	2553960	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Acq On : 20 Aug 2020 14:33
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Sample : L3634-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME9

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

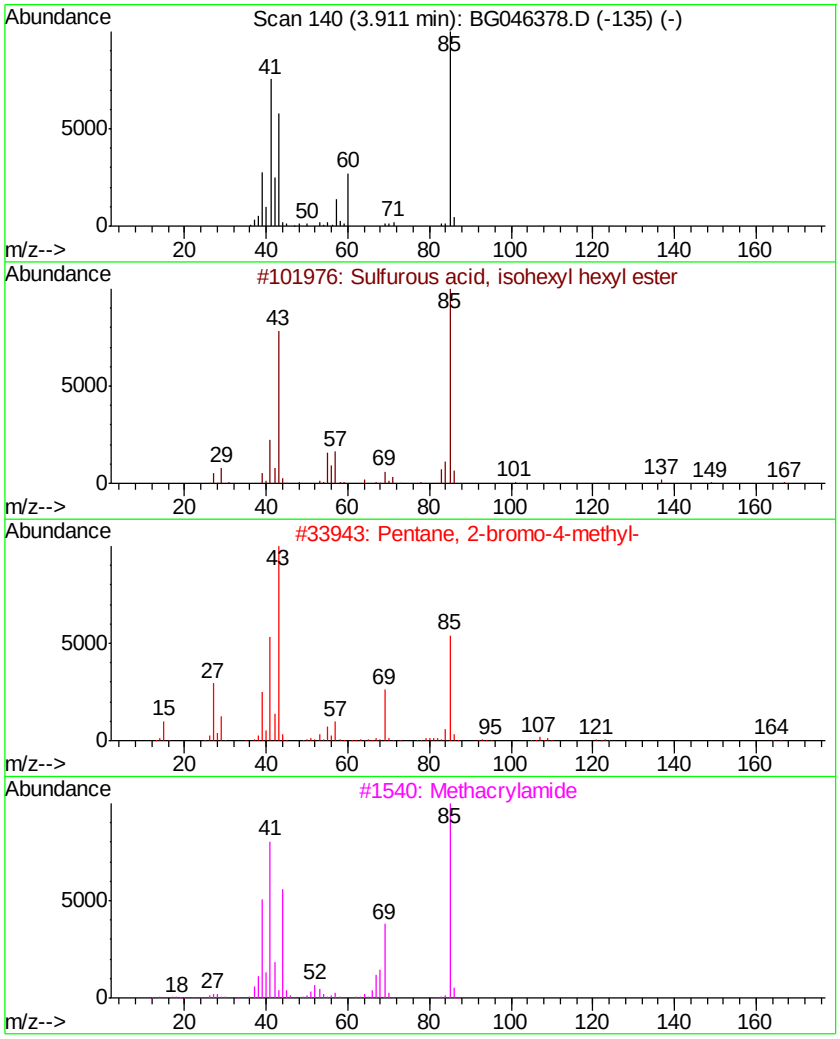
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

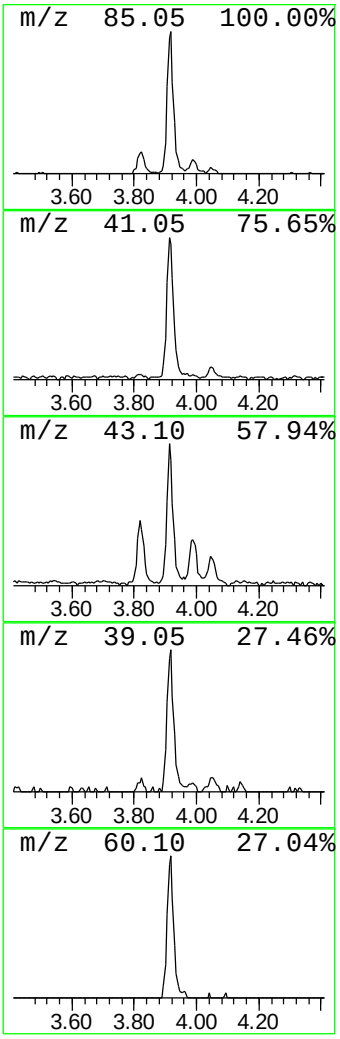
****

Peak Number 2 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	3.82 ng/ul	98100	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	40
2	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	38
3	Methacrylamide	85	C4H7NO	000079-39-0	36
4	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	33
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28





Library Search Compound Report

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ClientSampleId : BFME9

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

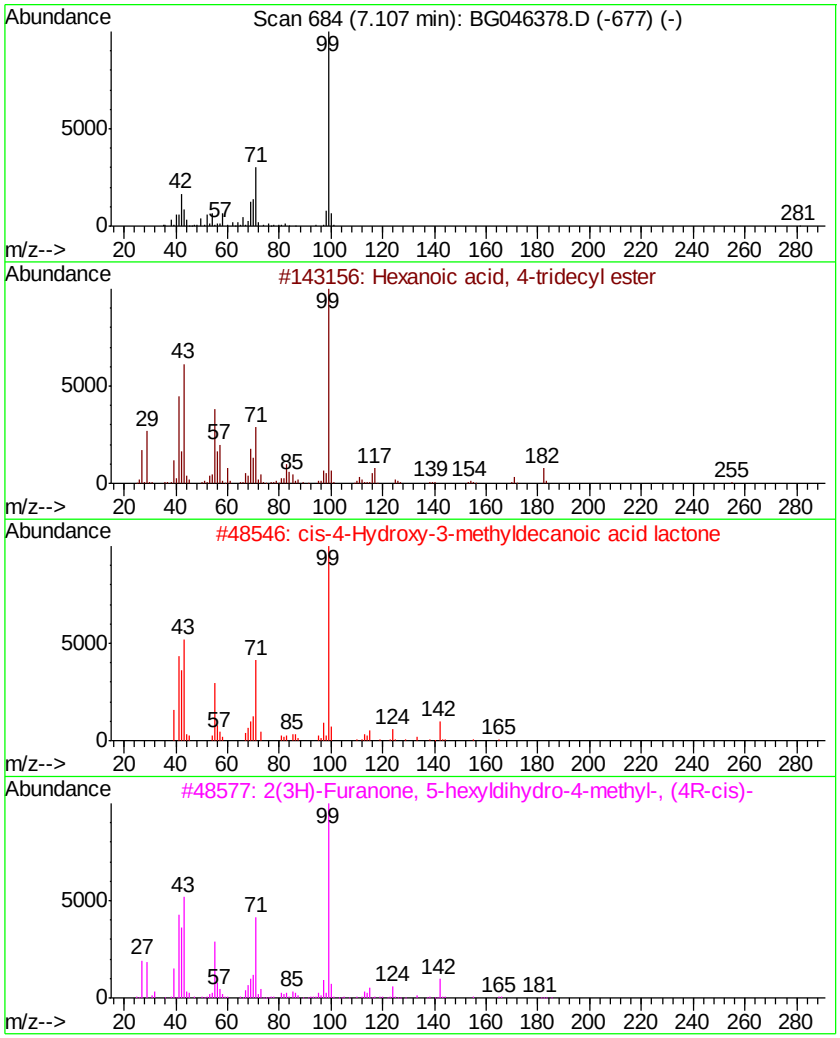
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

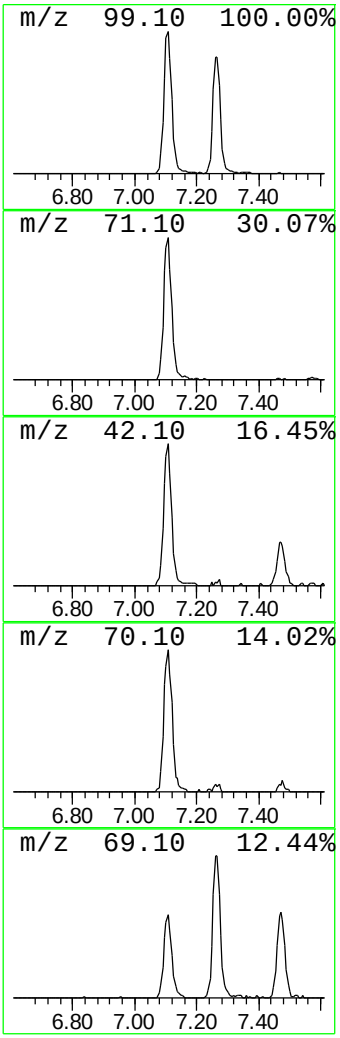
****

Peak Number 3 Hexanoic acid, 4-tridecyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	12.74 ng/ul	326997	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	64
2	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64
3	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
4	Phenol-d6-	100	C6D6O	013127-88-3	64
5	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	56





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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME9

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

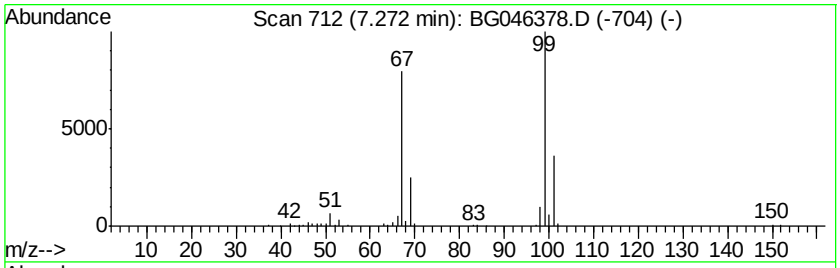
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

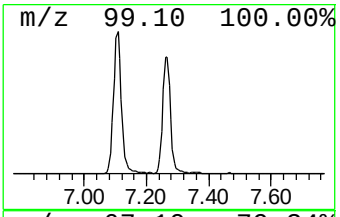
****

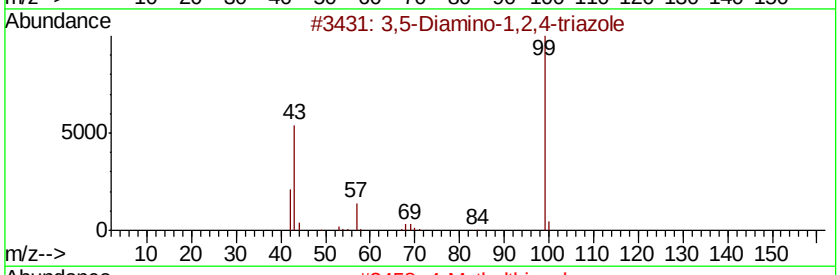
Peak Number 4 unknown-02 Concentration Rank 8

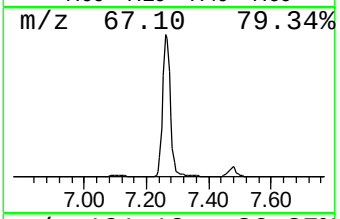
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	9.99 ng/ul	256595	1,4-Dichlorobenzene-d4	7.94

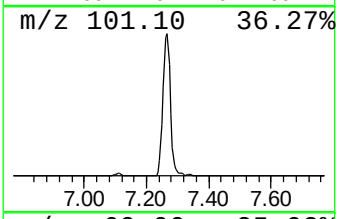
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
2	4-Methylthiazole	99	C4H5NS	000693-95-8	9
3	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
4	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7

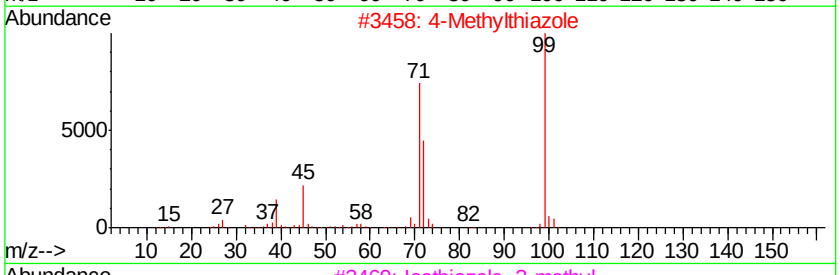


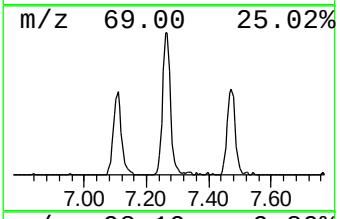


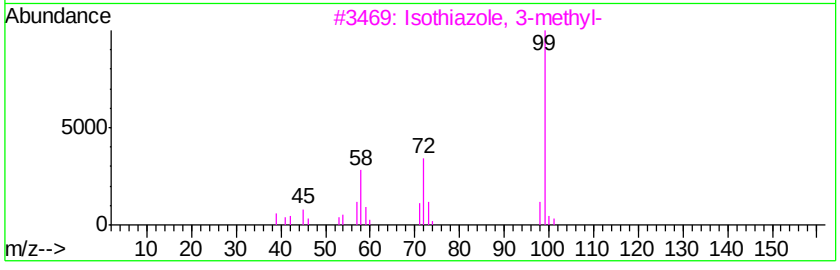


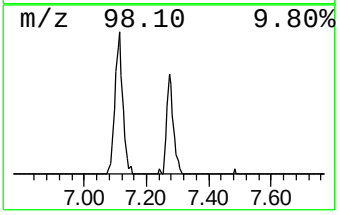












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Data File : BG046378.D
Acq On : 20 Aug 2020 14:33
Operator : CG/JU
Sample : L3634-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME9

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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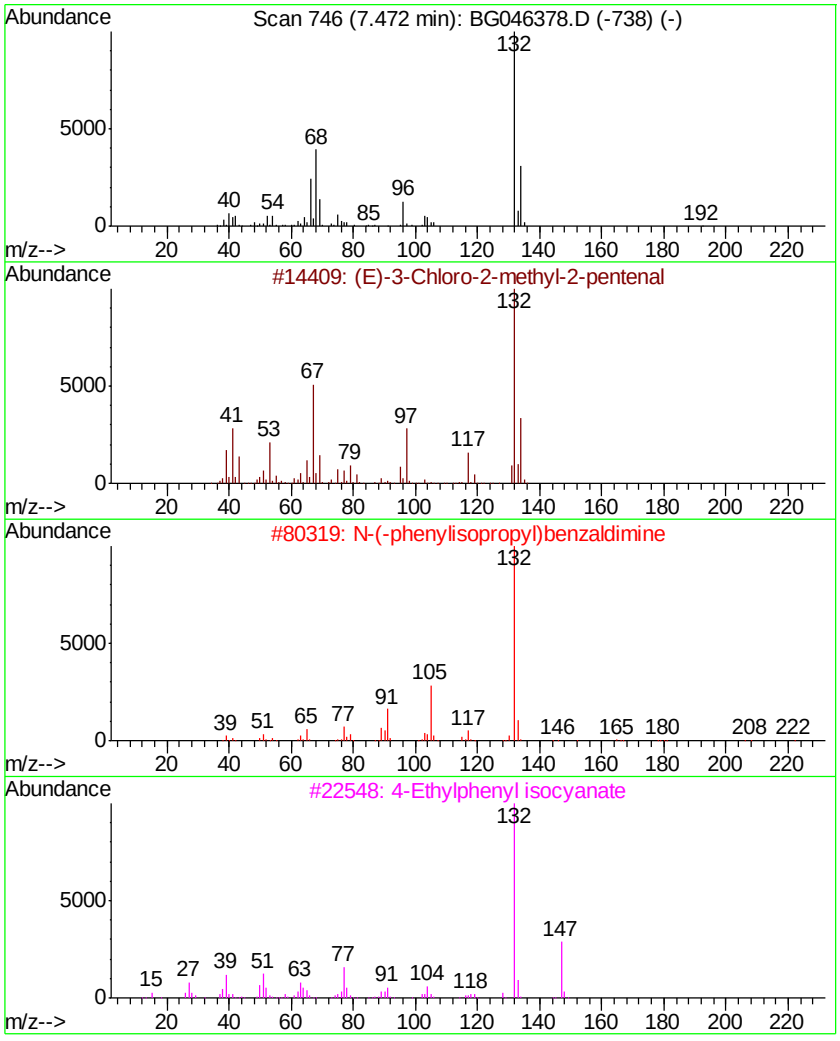
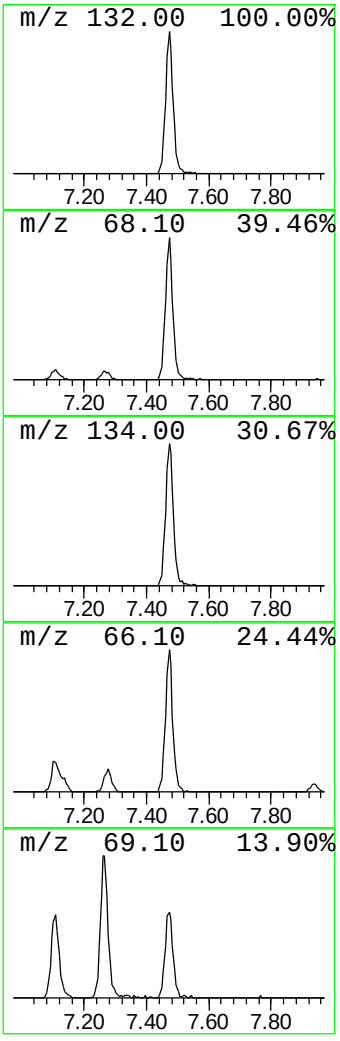
Peak Number 5 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	12.70 ng/ul	326117	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	10
3	4-Ethylphenyl isocyanate	147	C9H9NO	023138-50-3	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Library Search Compound Report

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ClientSampleId : BFME9

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Quant Title : SVOA CALIBRATION

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

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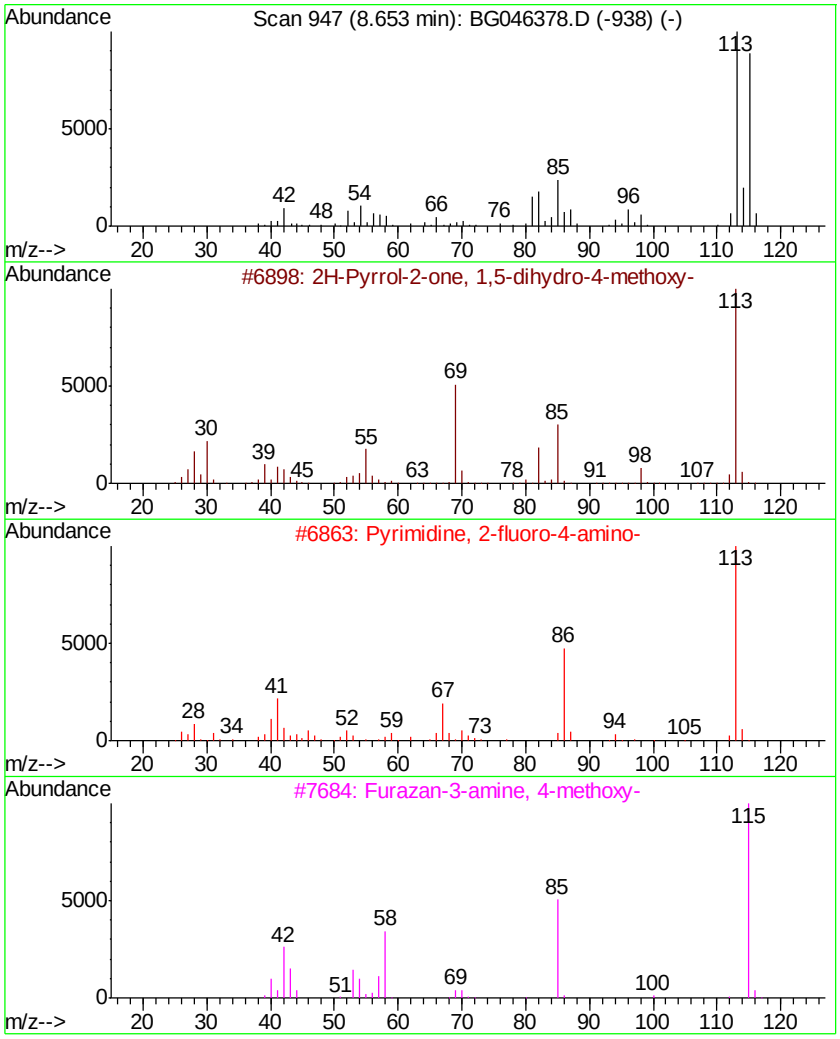
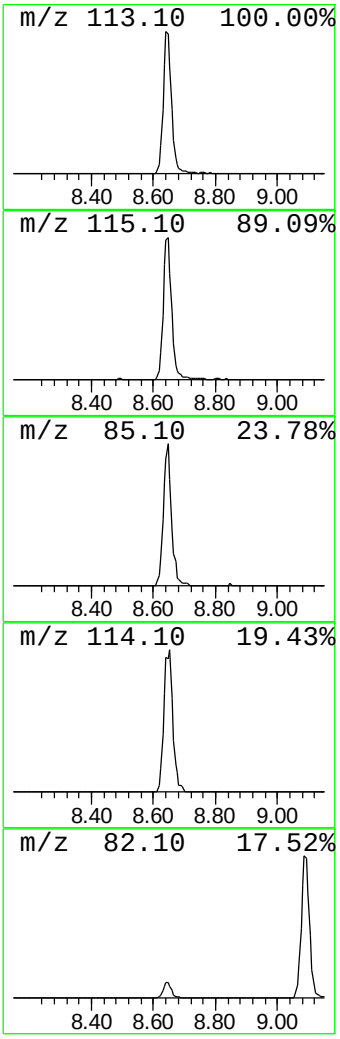
Peak Number 6 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	11.77 ng/ul	302104	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	38
2	Pyrimidine, 2-fluoro-4-amino-	113	C4H4FN3	096548-91-3	35
3	Furazan-3-amine, 4-methoxy-	115	C3H5N3O2	078350-48-8	25
4	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	25
5	3,4-Methylpropylsuccinimide	155	C8H13NO2	1000248-78-0	25





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ClientSampleId : BFME9

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Quant Title : SVOA CALIBRATION

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

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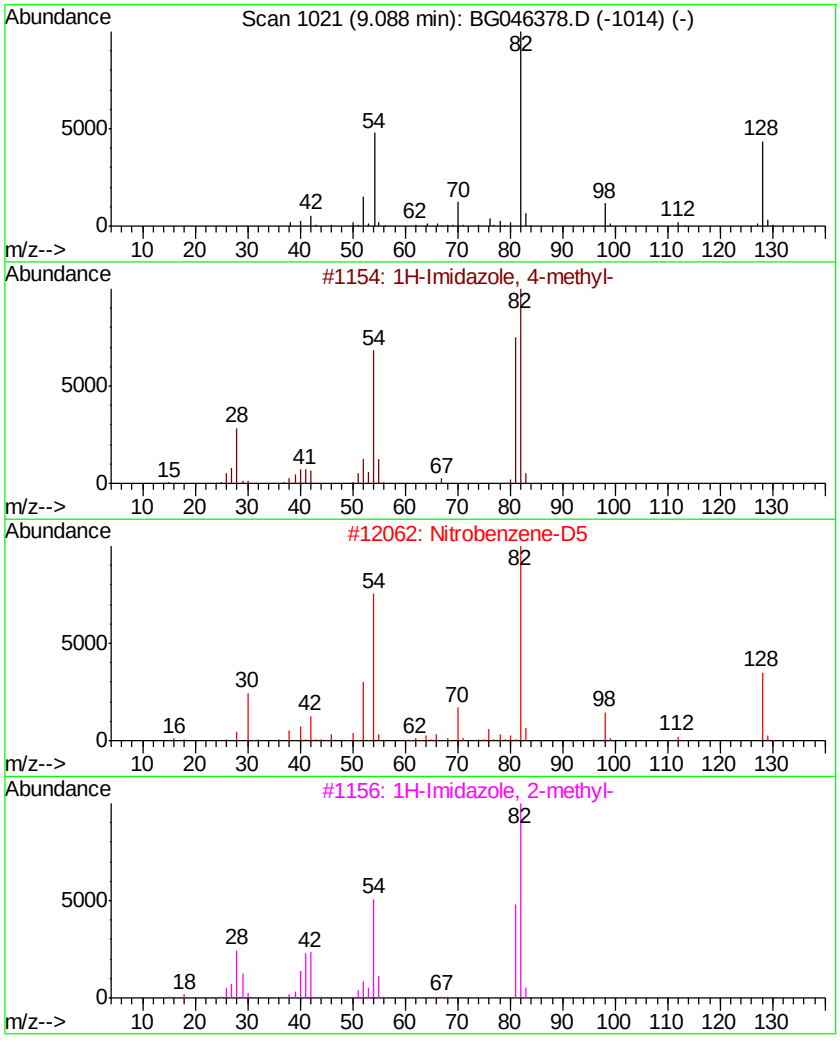
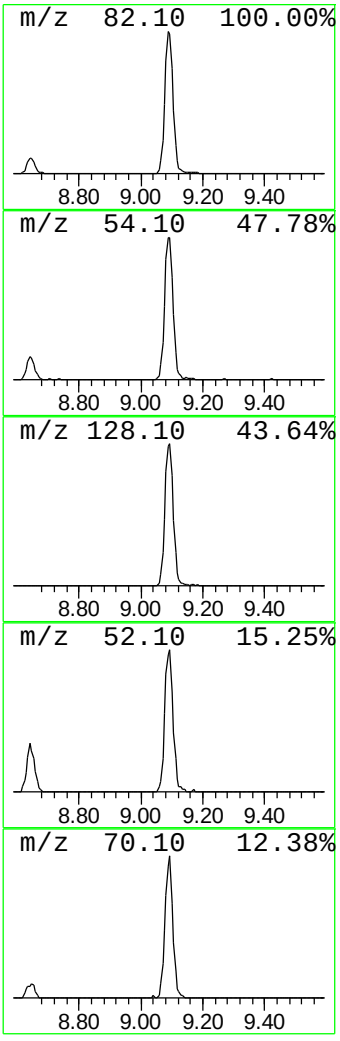
Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	12.65 ng/ul	324900	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	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	40
4	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	16





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Sample : L3634-01
Misc :
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Instrument : BNA_G
ClientSampleId : BFME9

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Quant Title : SVOA CALIBRATION

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

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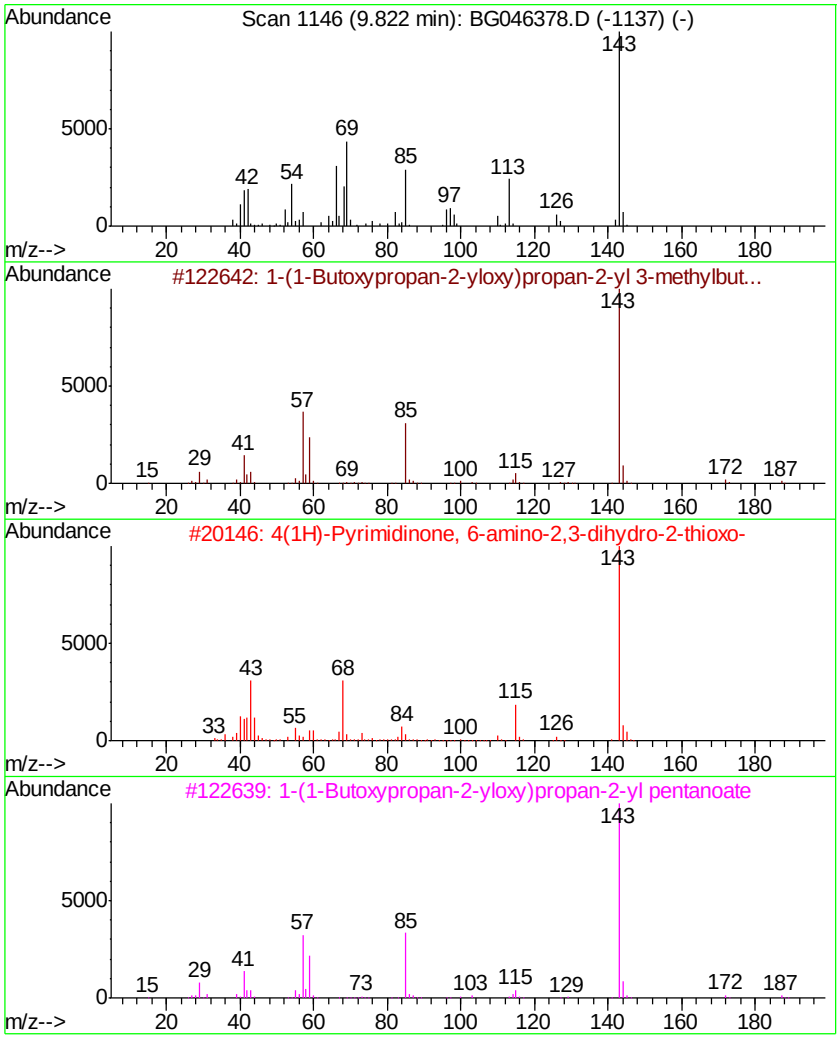
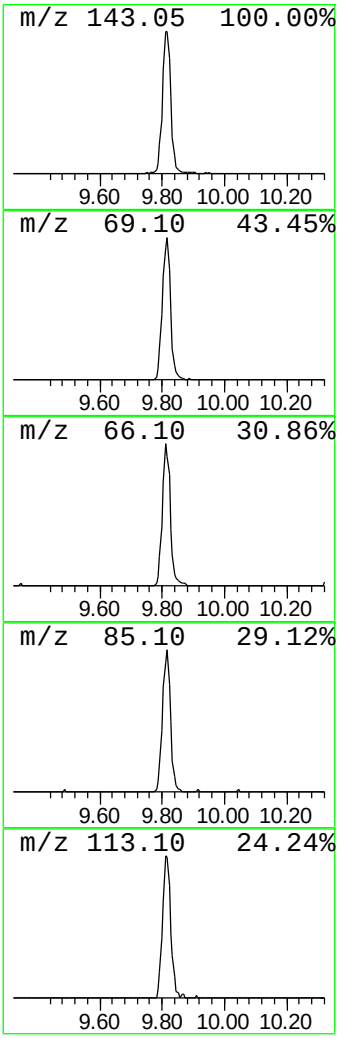
Peak Number 8 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	7.00 ng/ul	274516	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	16
2	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	16
3	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	12
4	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10
5	2,3-Dimethyl-5-methylamino-1,3,4...	143	C5H9N3S	1000288-97-2	10





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Operator : CG/JU
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Quant Title : SVOA CALIBRATION

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

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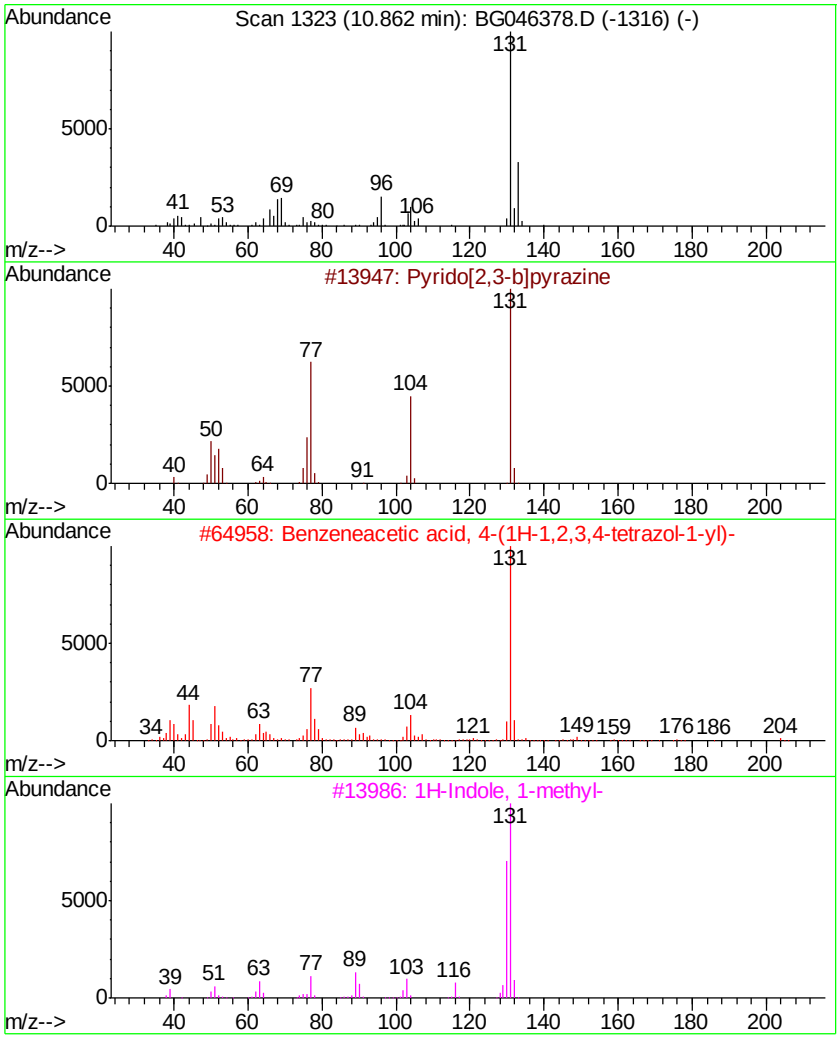
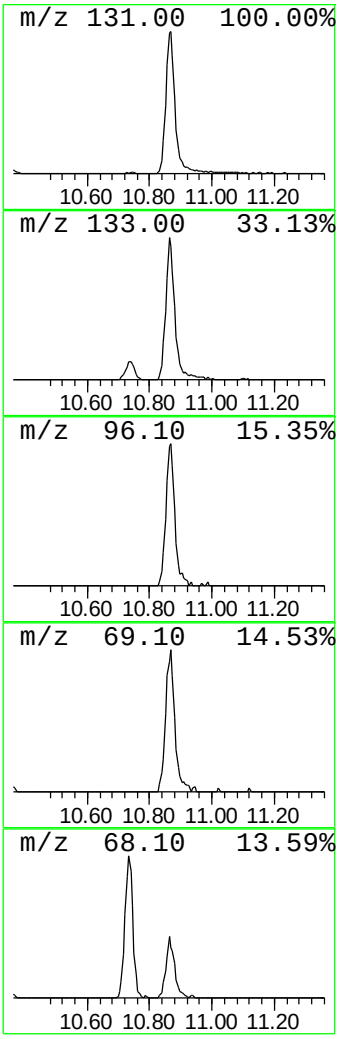
Peak Number 9 unknown-06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	6.81 ng/ul	266837	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	40
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
4	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	9





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Sample : L3634-01
Misc :
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Instrument : BNA_G
ClientSampleId : BFME9

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Quant Title : SVOA CALIBRATION

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

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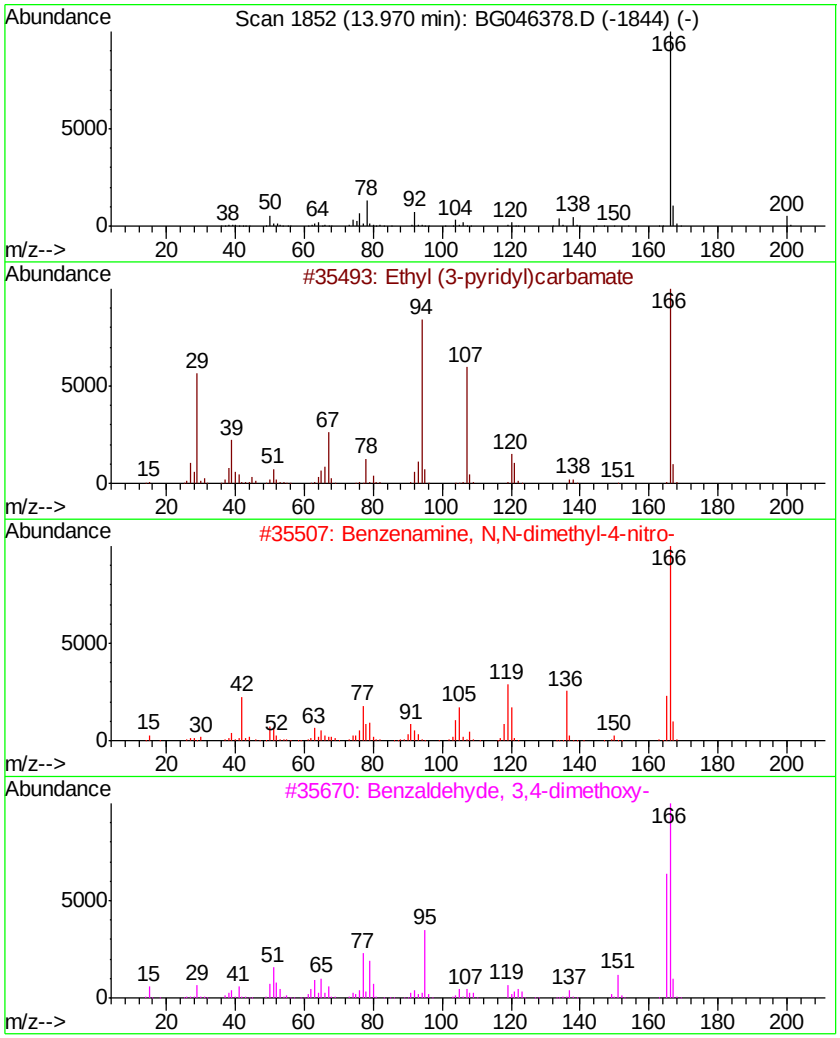
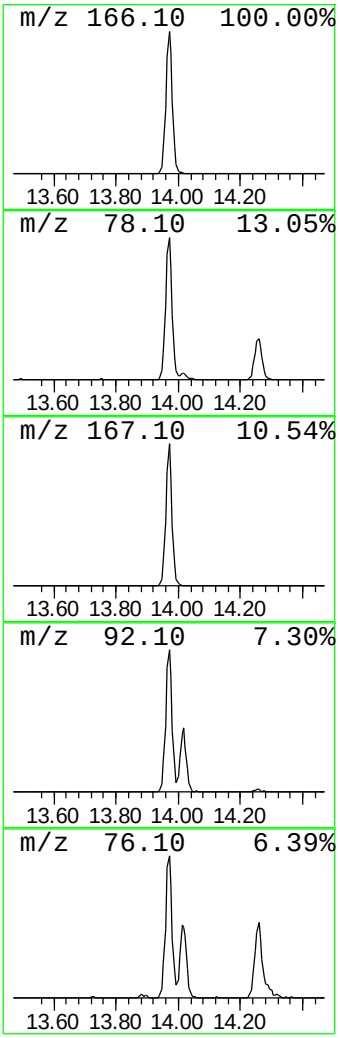
Peak Number 10 unknown-07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	12.54 ng/ul	710408	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
2	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
3	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	38
4	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
5	6H-Purine-6-thione, 1,7-dihydro-...	166	C6H6N4S	001126-23-4	9





Library Search Compound Report

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Sample : L3634-01
Misc :
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Instrument : BNA_G
ClientSampleId : BFME9

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Quant Title : SVOA CALIBRATION

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

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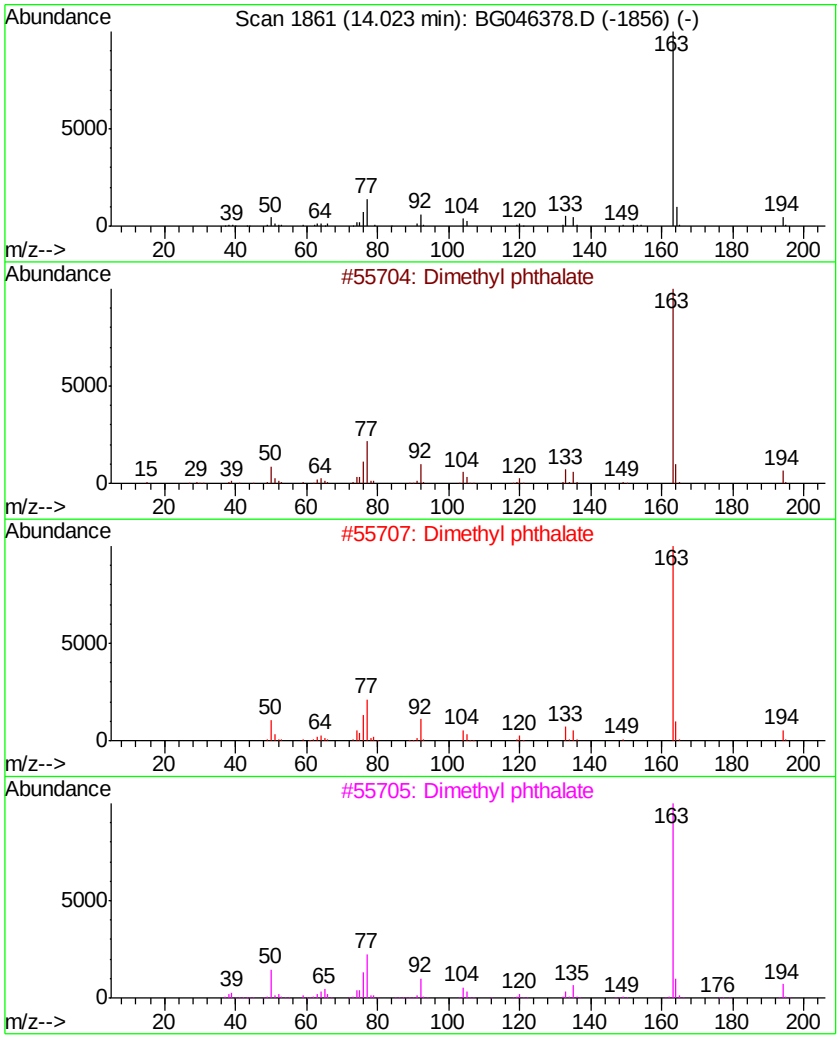
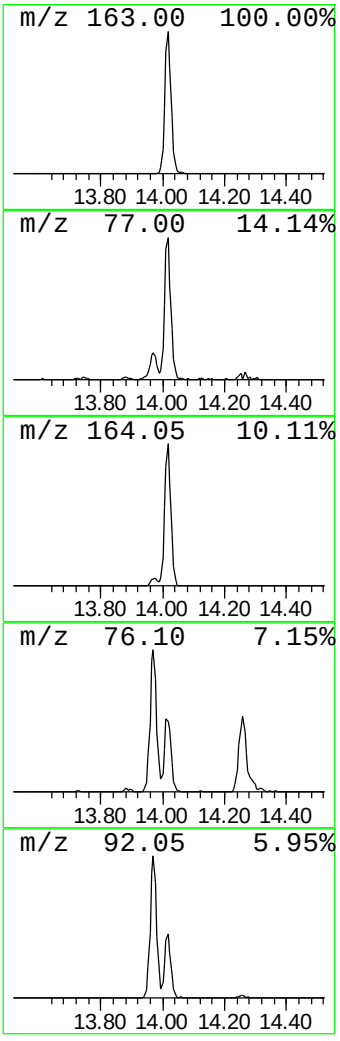
Peak Number 11 Dimethyl phthalate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	5.39 ng/ul	305249	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	95
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	94
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
4	Phthalic acid, 4-isopropylphenyl...	298	C18H18O4	1000315-65-7	83
5	Phthalic acid, methyl 2-nitrophe...	301	C15H11NO6	1000315-68-3	83





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Operator : CG/JU
Sample : L3634-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME9

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Quant Title : SVOA CALIBRATION

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

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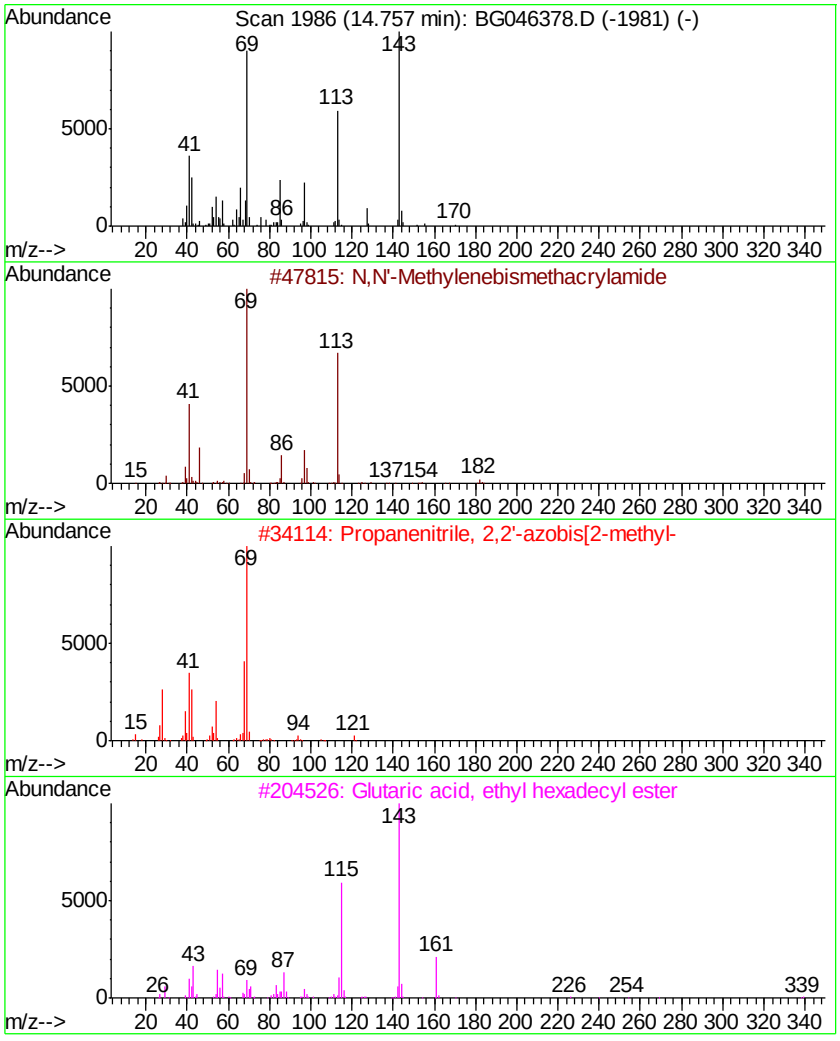
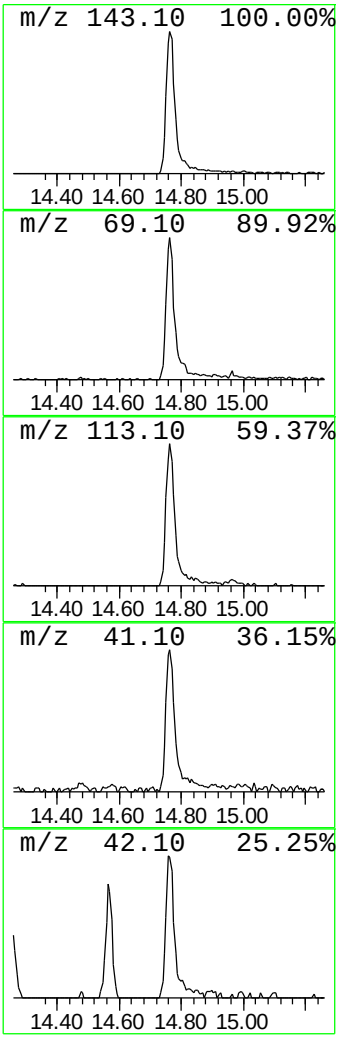
Peak Number 12 unknown-08 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.28 ng/ul	242357	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
2	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	22
3	Glutaric acid, ethyl hexadecyl e...	384	C23H44O4	1000358-35-6	22
4	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22
5	Glutaric acid, ethyl pentadecyl ...	370	C22H42O4	1000358-64-4	22





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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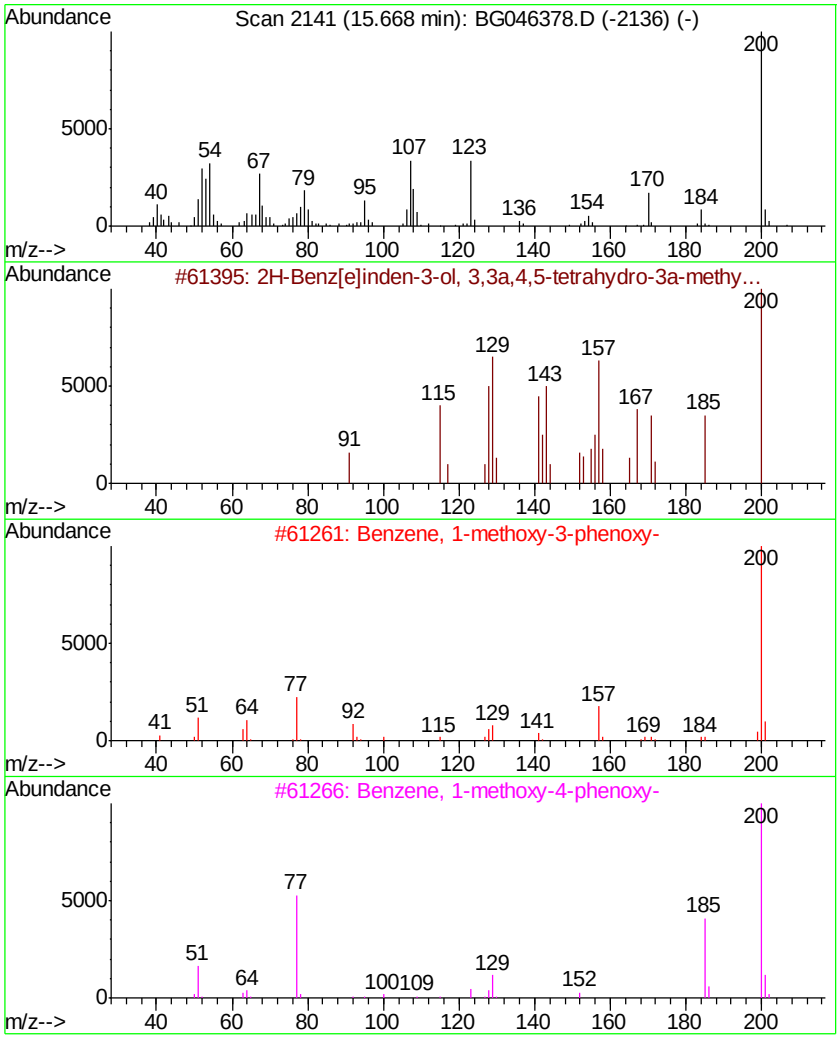
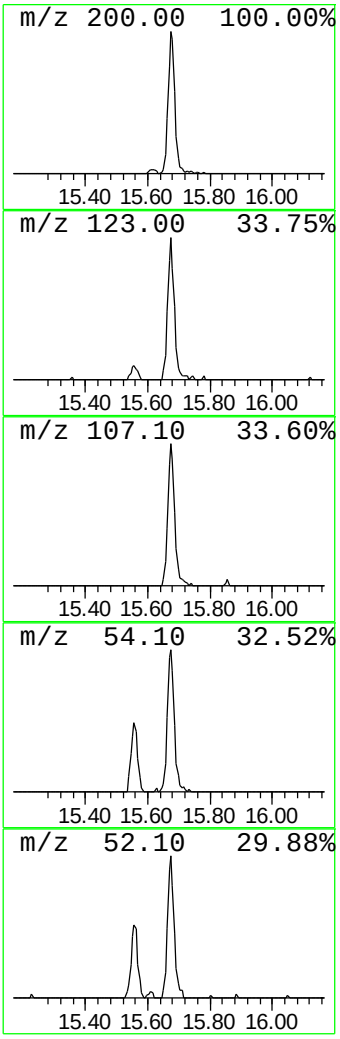
Peak Number 13 unknown-09 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	4.07 ng/ul	230776	Acenaphthene-d10	14.56

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	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
3	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	14
4	N-[2-Methyl-4-pyridyl]-4-aminoph...	200	C12H12N2O	1000252-23-9	12
5	Benzenamine, 3-(4-aminophenoxy)-	200	C12H12N2O	002657-87-6	10





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Quant Title : SVOA CALIBRATION

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

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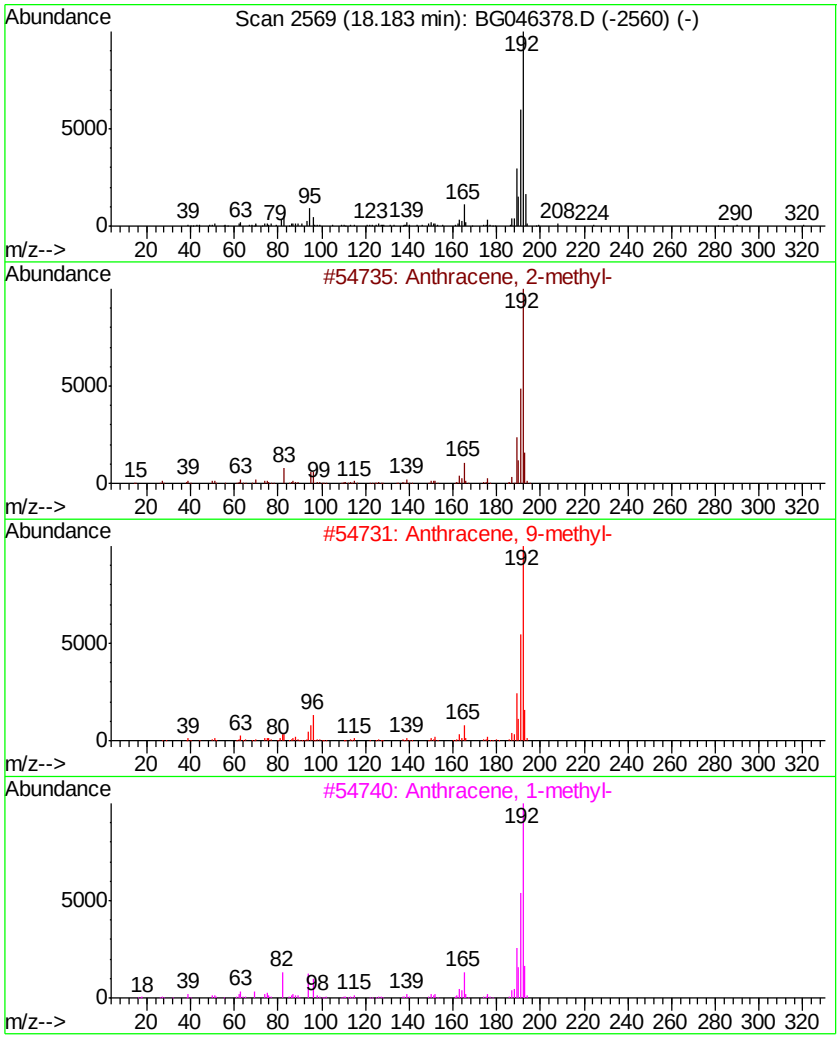
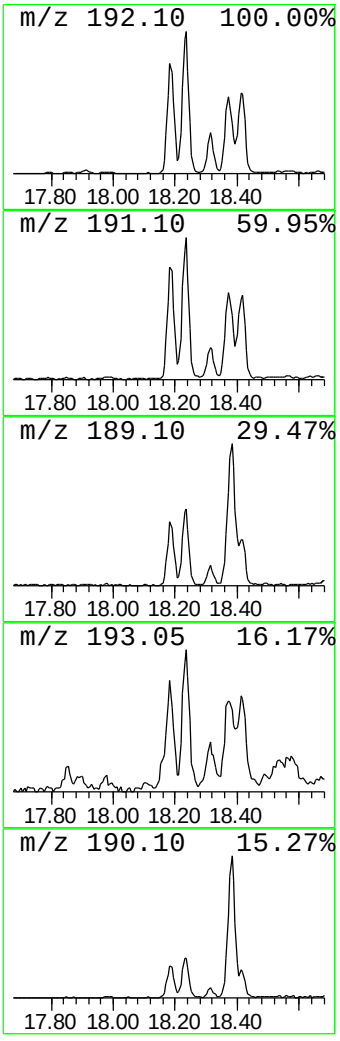
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.83 ng/ul	193837	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Instrument : BNA_G
ClientSampleId : BFME9

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Quant Title : SVOA CALIBRATION

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

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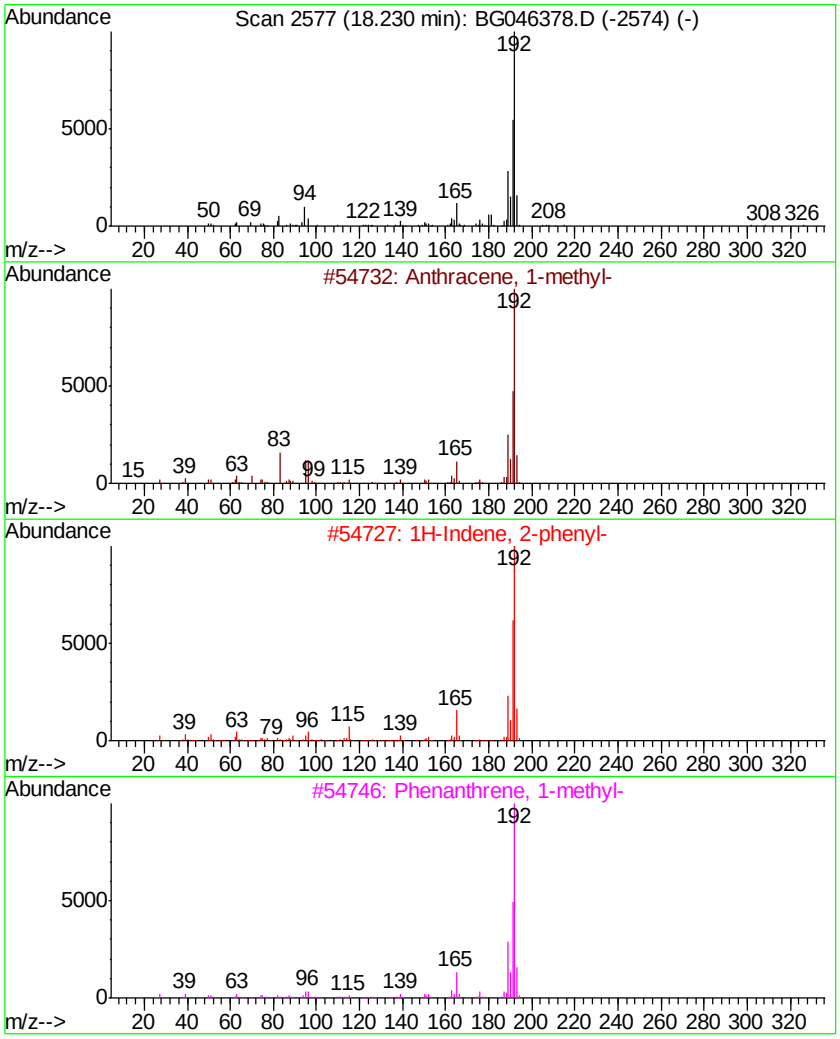
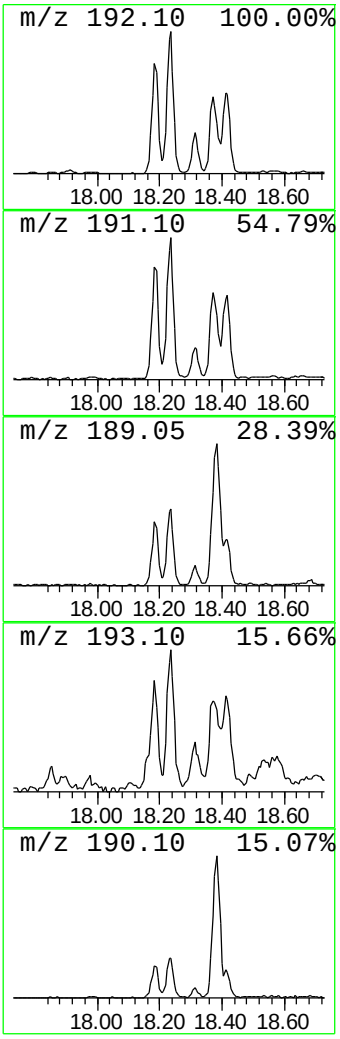
Peak Number 15 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.70 ng/ul	253858	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Library Search Compound Report

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Acq On : 20 Aug 2020 14:33
Operator : CG/JU
Sample : L3634-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME9

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Quant Title : SVOA CALIBRATION

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

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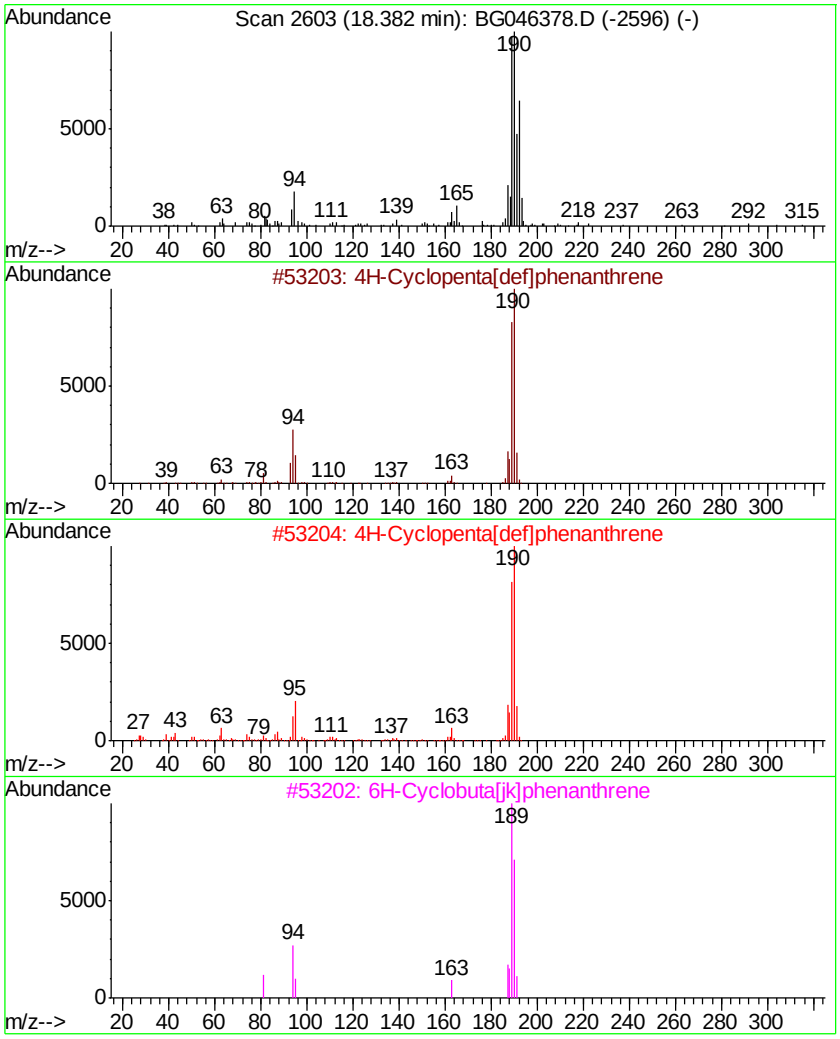
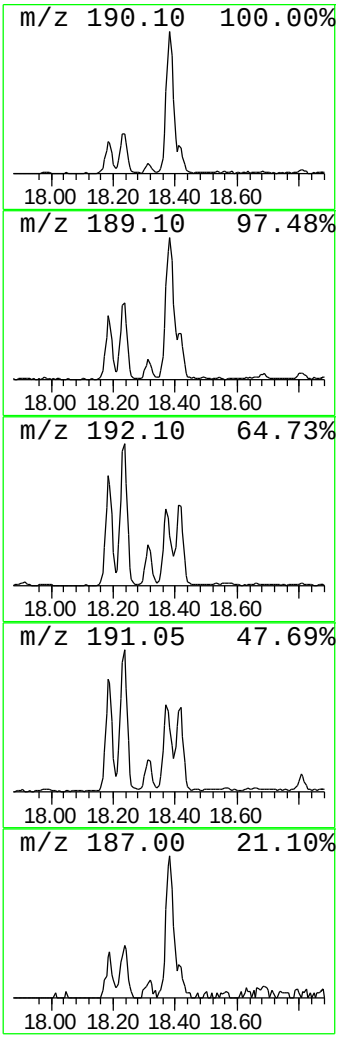
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.40 ng/ul	233046	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





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Operator : CG/JU
Sample : L3634-01
Misc :
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Instrument : BNA_G
ClientSampleId : BFME9

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Quant Title : SVOA CALIBRATION

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

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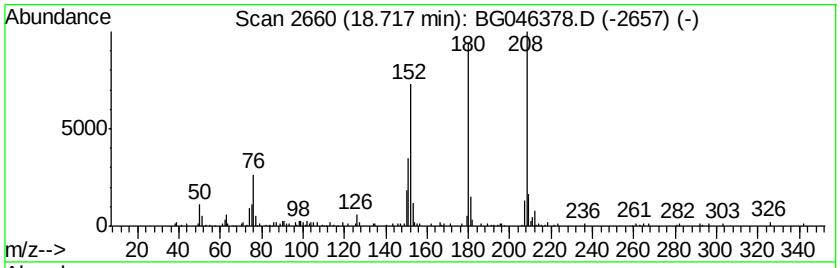
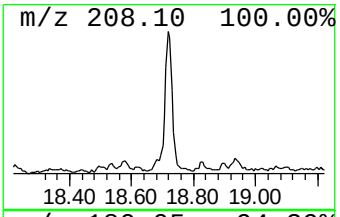
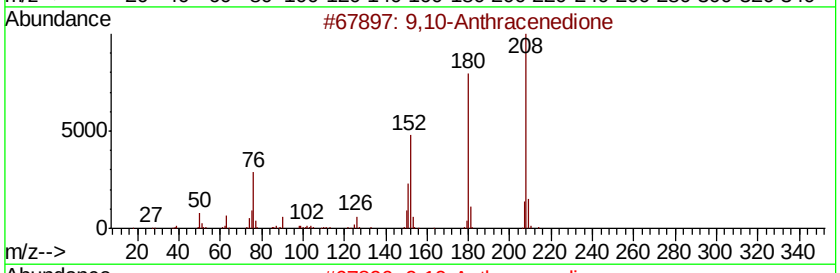
Peak Number 17 9,10-Anthracenedione Concentration Rank 26

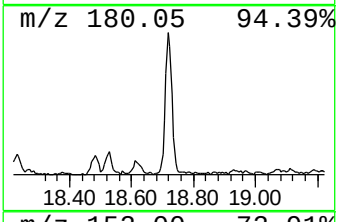
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.11 ng/ul	144581	Phenanthrene-d10	17.31

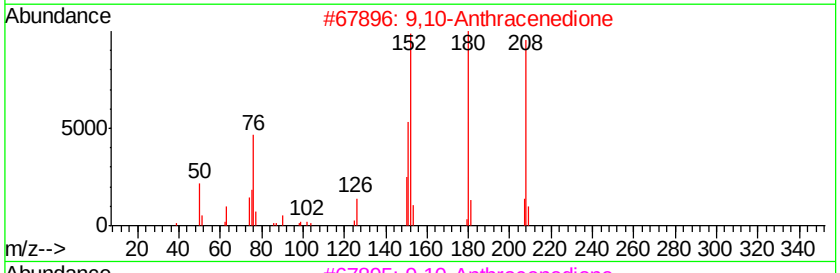
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60

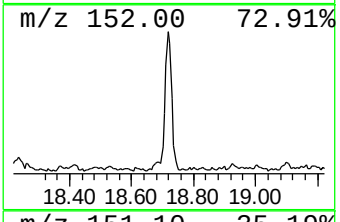


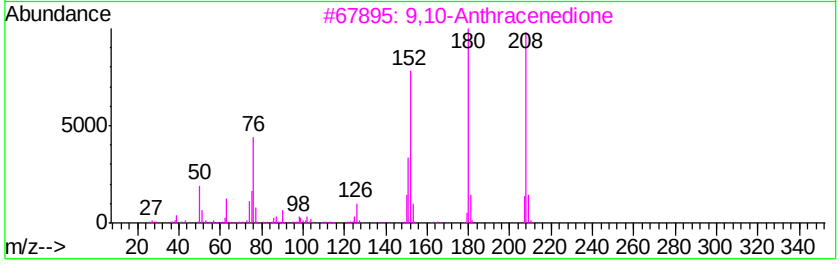


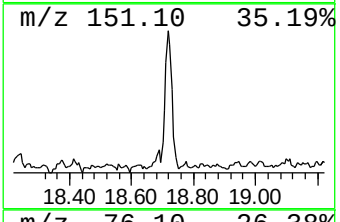


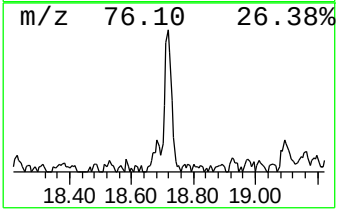












Library Search Compound Report

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Acq On : 20 Aug 2020 14:33
Operator : CG/JU
Sample : L3634-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME9

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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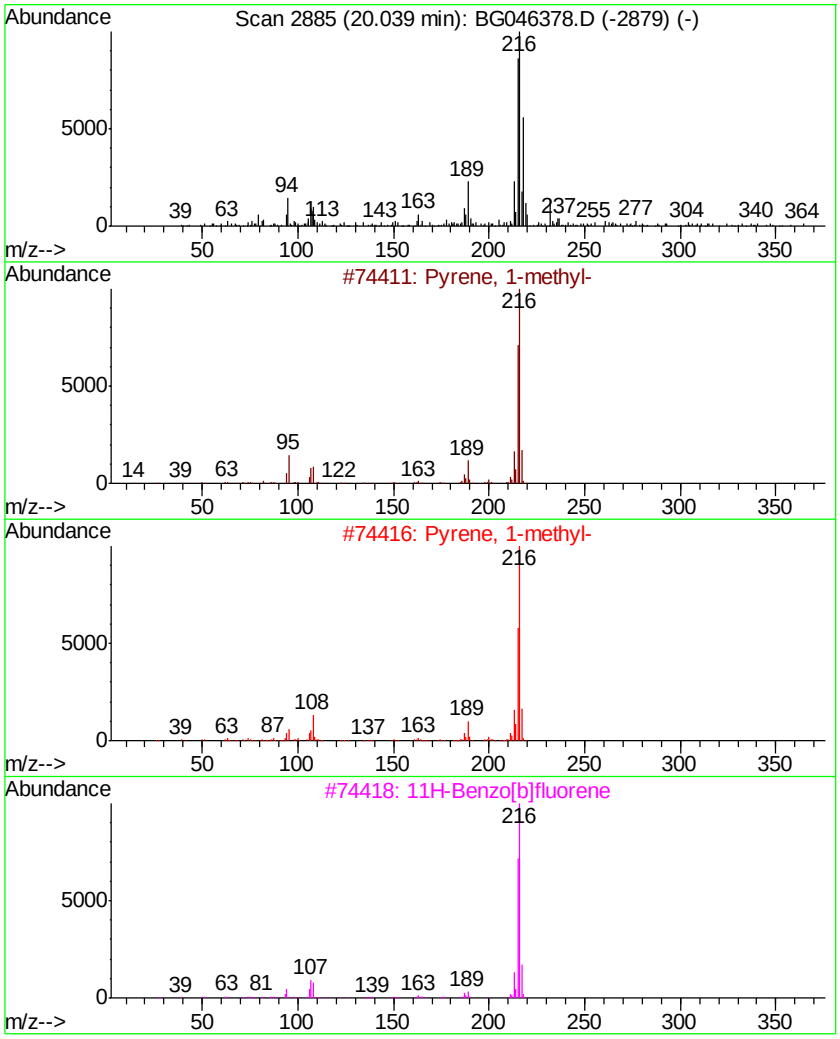
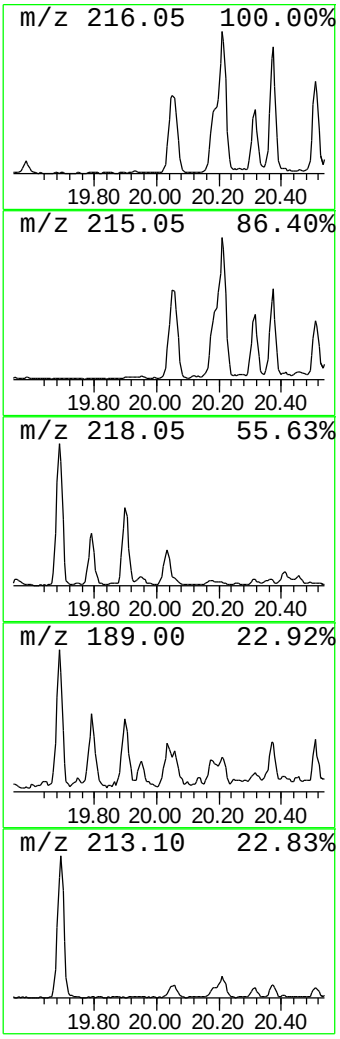
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.57 ng/ul	295977	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	53





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Operator : CG/JU
Sample : L3634-01
Misc :
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ClientSampleId : BFME9

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Quant Title : SVOA CALIBRATION

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

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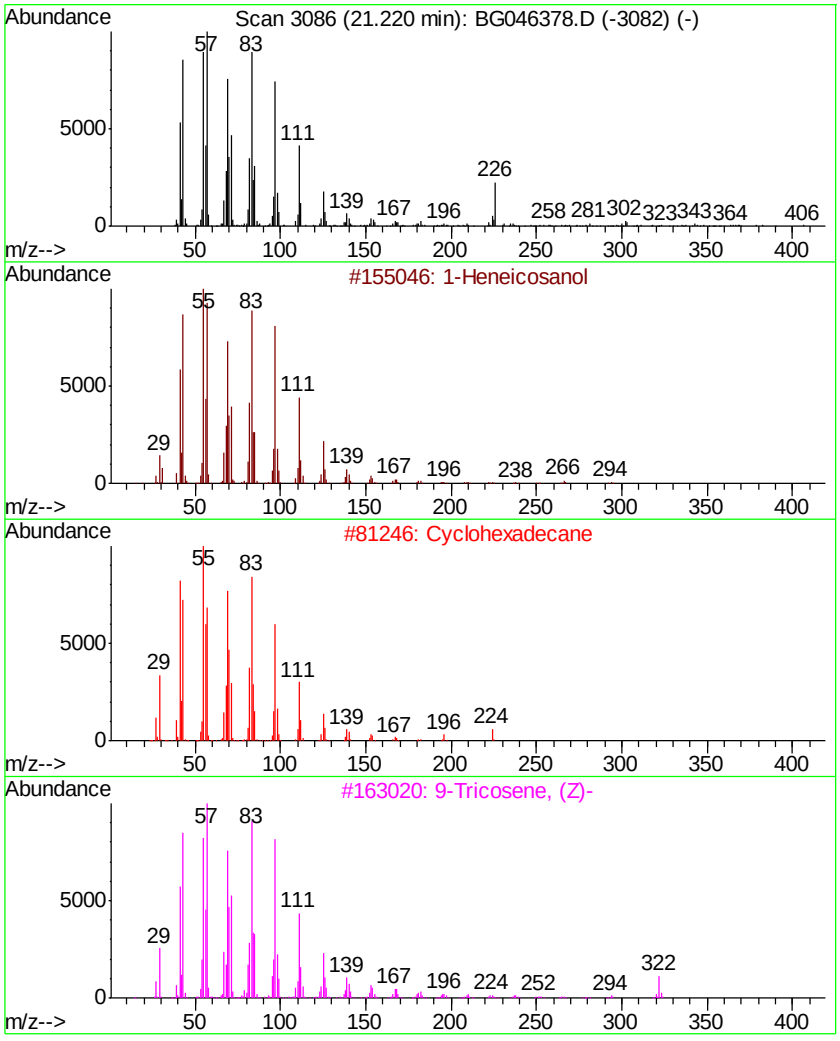
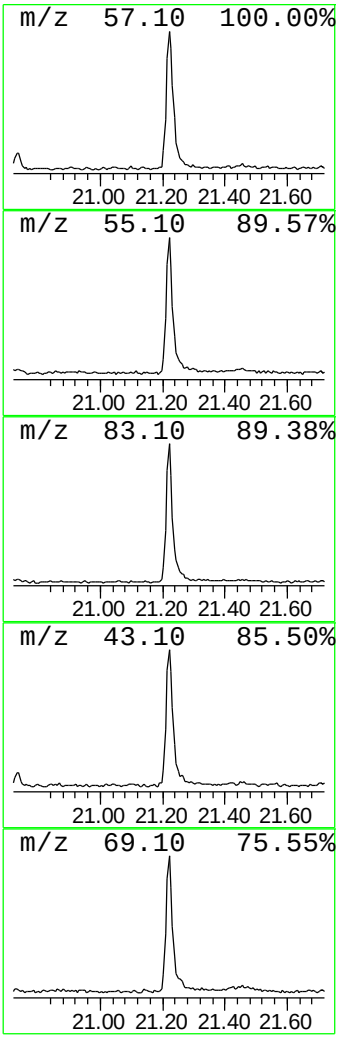
Peak Number 19 1-Heneicosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	6.69 ng/ul	770549	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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Sample : L3634-01
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

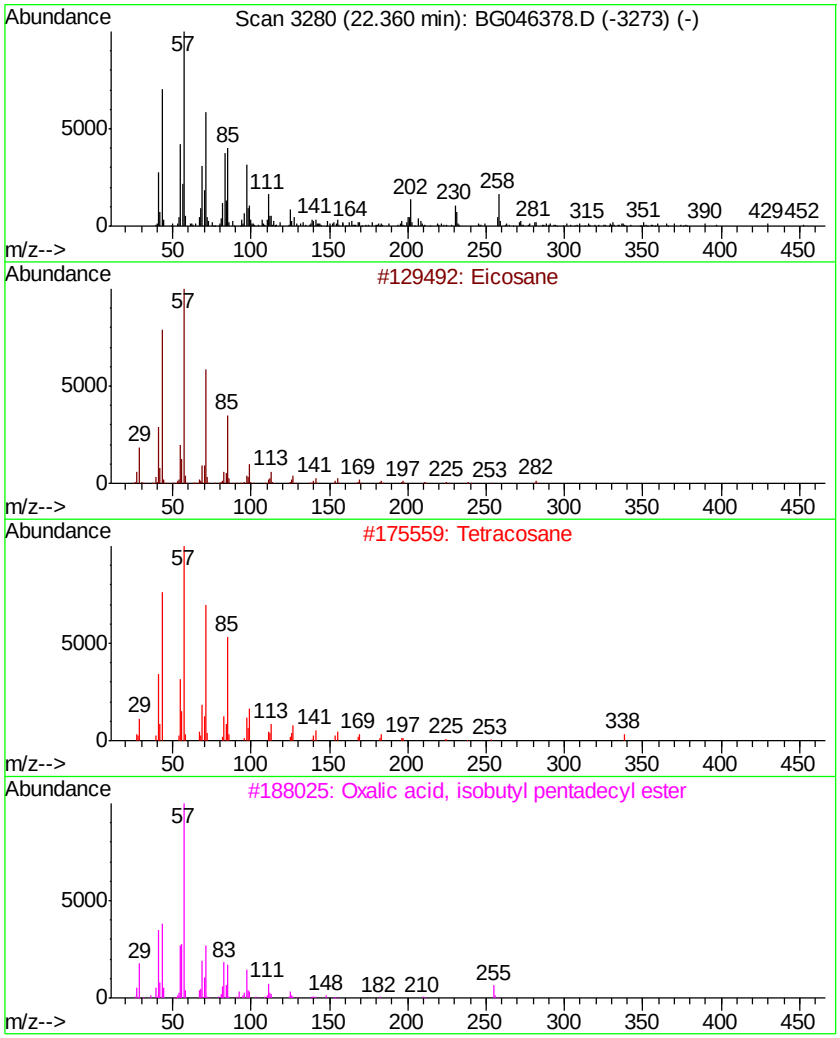
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

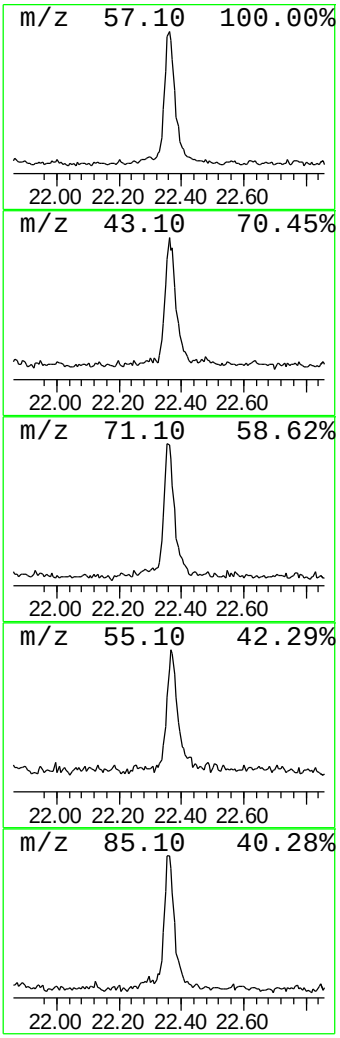
****

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.96 ng/ul	340550	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetracosane	338	C24H50	000646-31-1	78
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	74
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	74
5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	74





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Misc :
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ClientSampleId : BFME9

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Quant Title : SVOA CALIBRATION

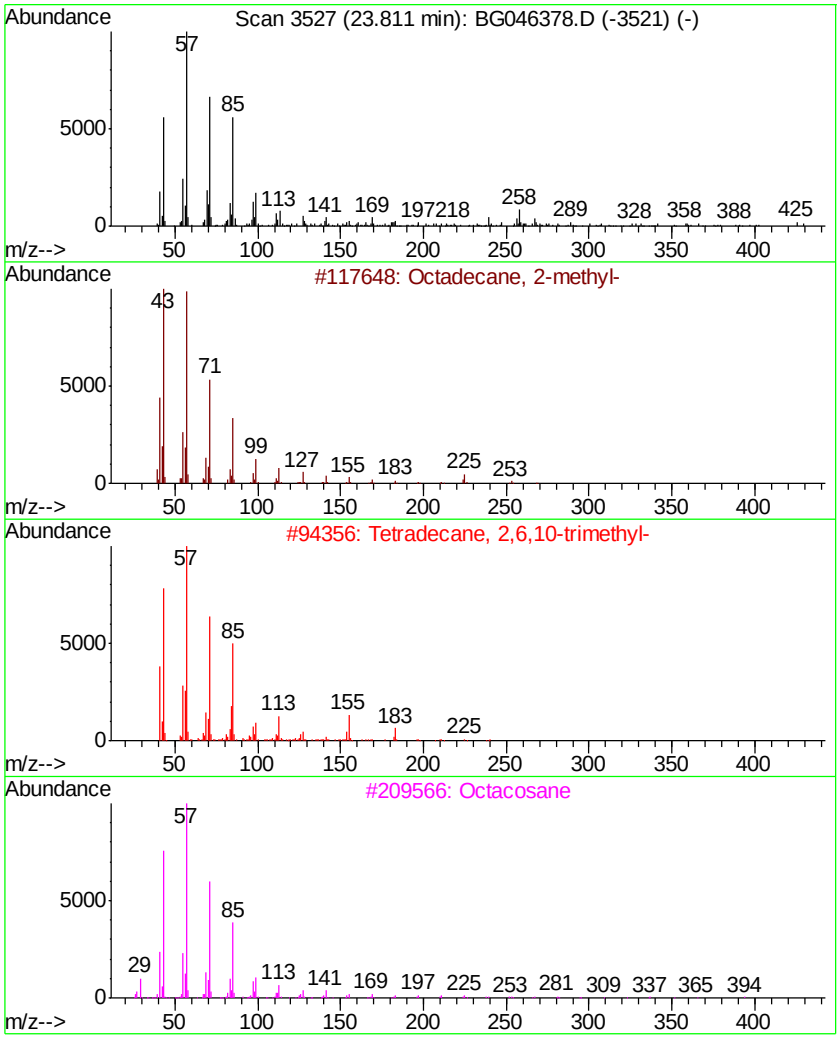
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

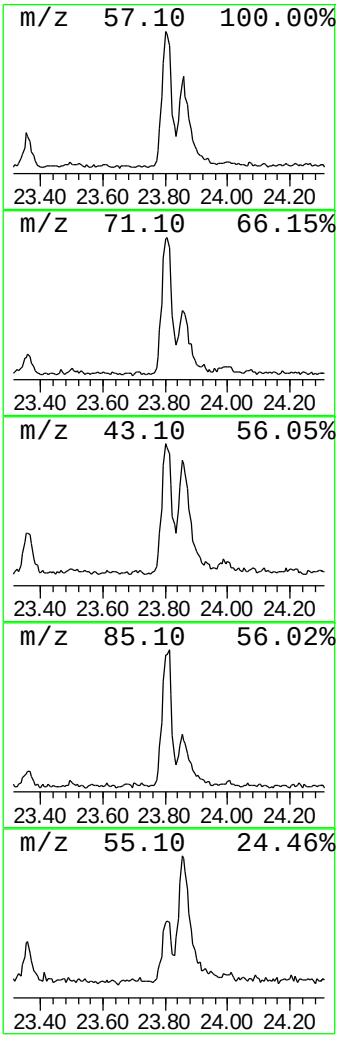
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	2.49 ng/ul	182766	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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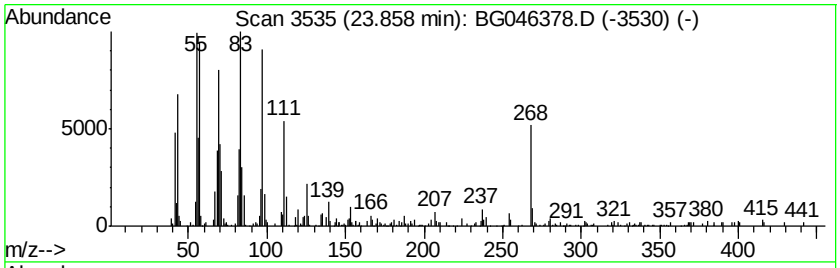
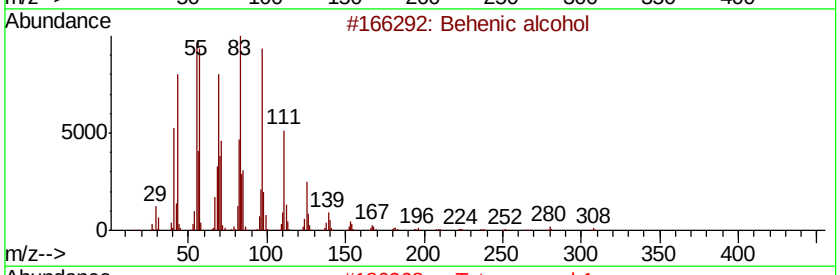
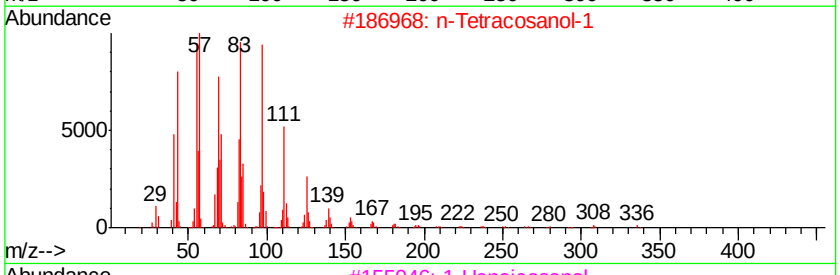
Peak Number 22 Behenic alcohol Concentration Rank 21

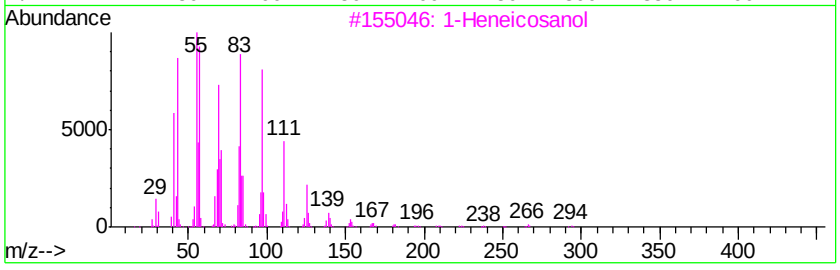
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	3.36 ng/ul	246313	Perylene-d12	24.66

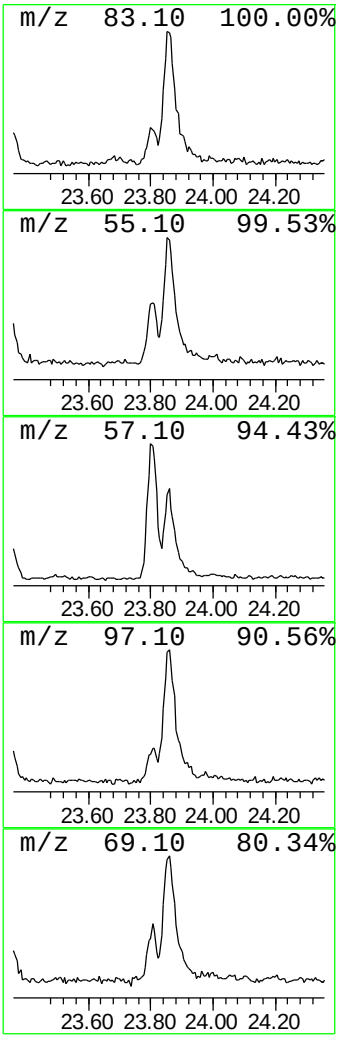
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	90
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
3	1-Heneicosanol	312	C21H44O	015594-90-8	86
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83
5	Isoheptadecanol	256	C17H36O	057289-07-3	80











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Acq On : 20 Aug 2020 14:33
Operator : CG/JU
Sample : L3634-01
Misc :
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Instrument : BNA_G
ClientSampleId : BFME9

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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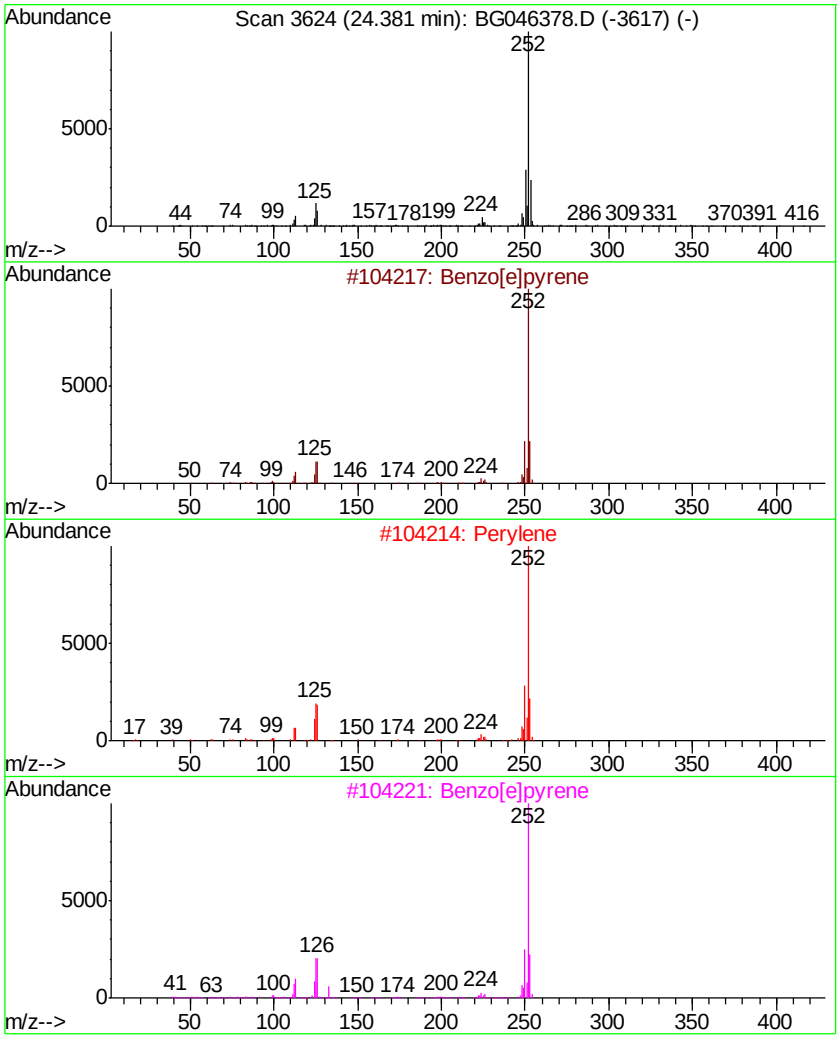
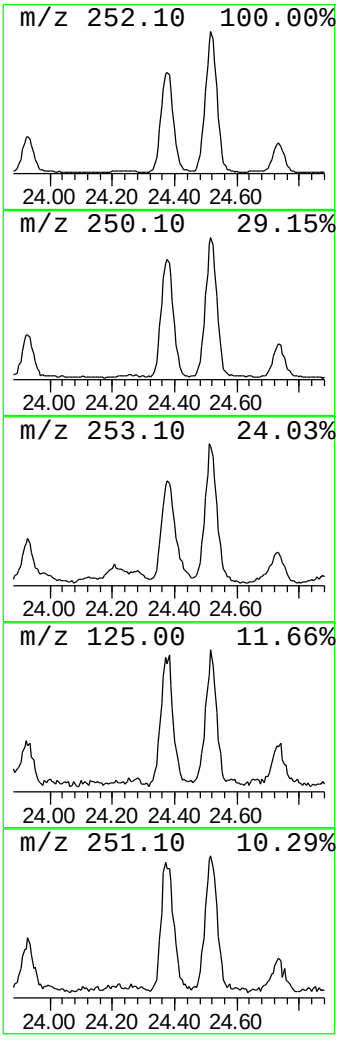
Peak Number 23 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	4.76 ng/ul	348728	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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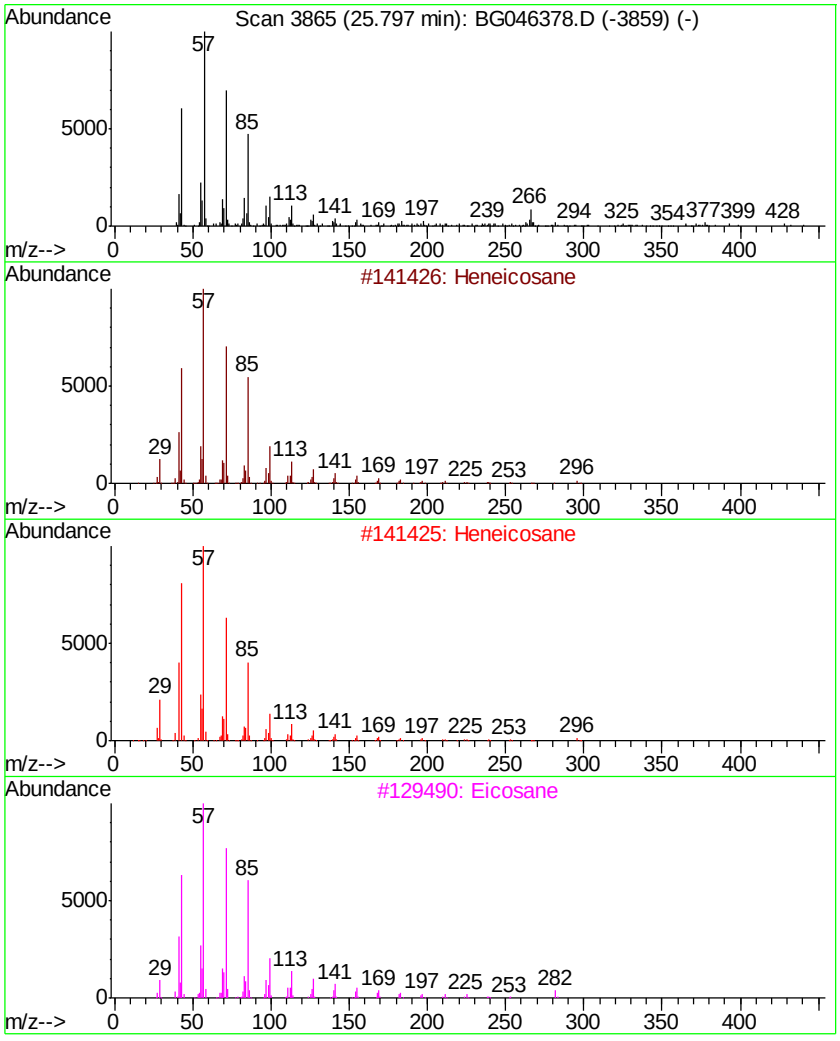
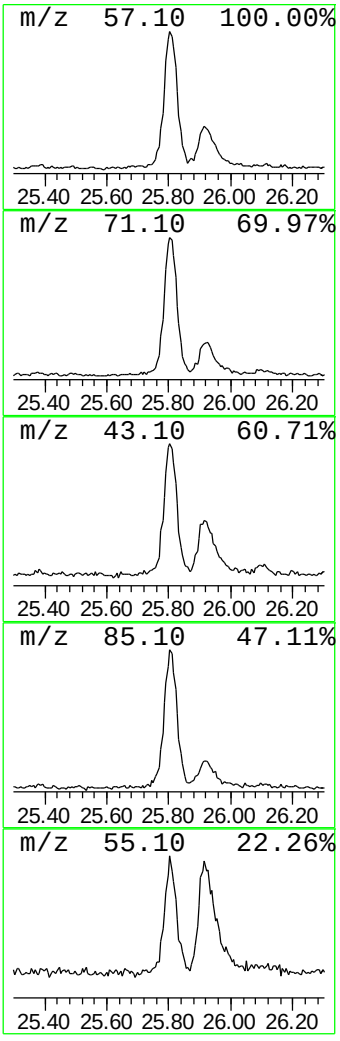
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	4.82 ng/ul	353392	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heneicosane	296	C21H44	000629-94-7	96
3	Eicosane	282	C20H42	000112-95-8	95
4	Nonadecane	268	C19H40	000629-92-5	94
5	Eicosane	282	C20H42	000112-95-8	92





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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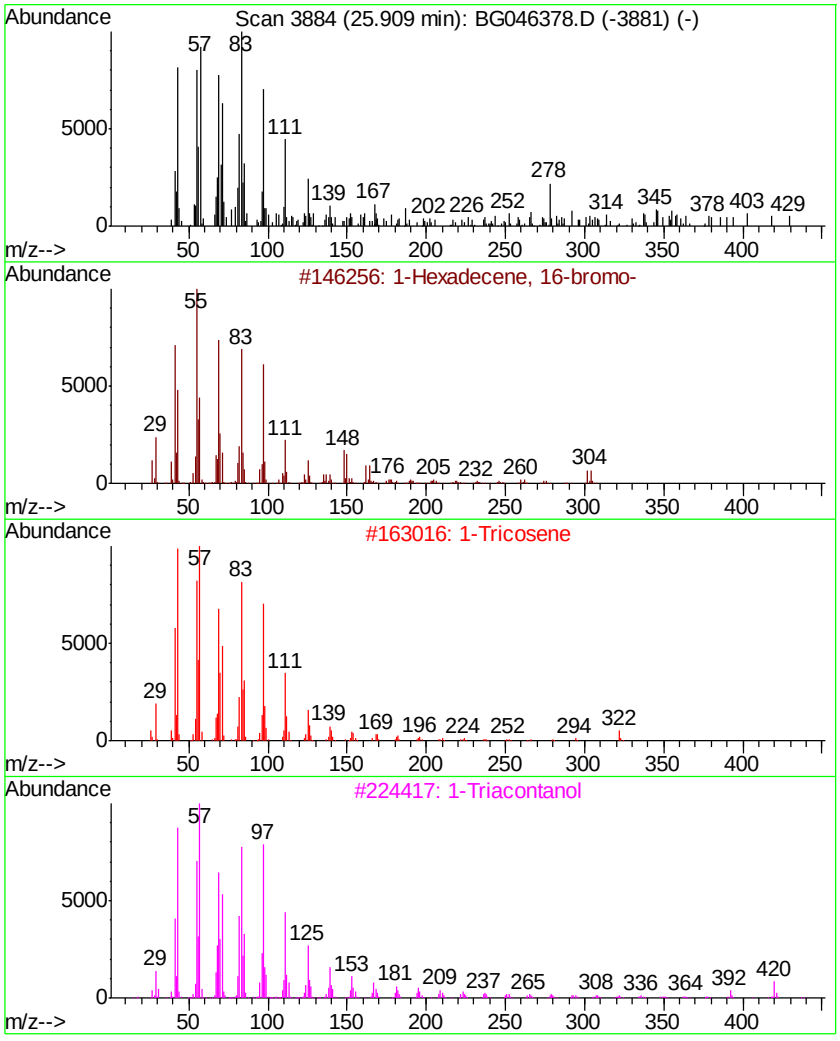
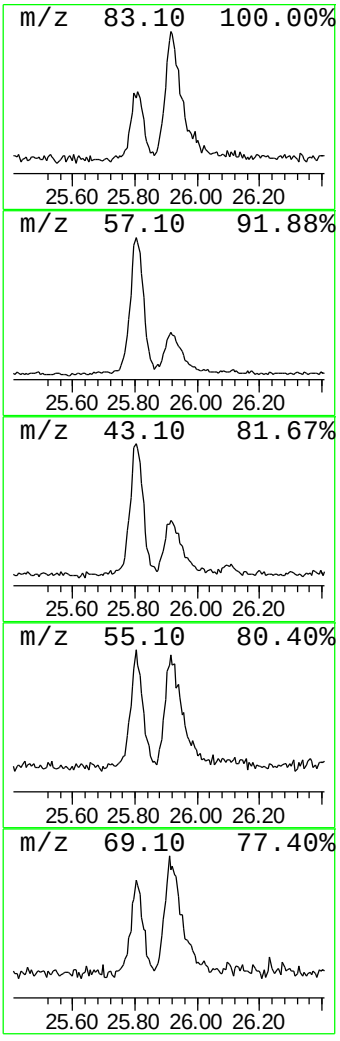
Peak Number 25 1-Hexadecene, 16-bromo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	4.41 ng/ul	322813	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	89
2	1-Tricosene	322	C23H46	018835-32-0	70
3	1-Triacontanol	438	C30H62O	000593-50-0	68
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	68
5	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046378.D
Acq On : 20 Aug 2020 14:33
Operator : CG/JU
Sample : L3634-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME9

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

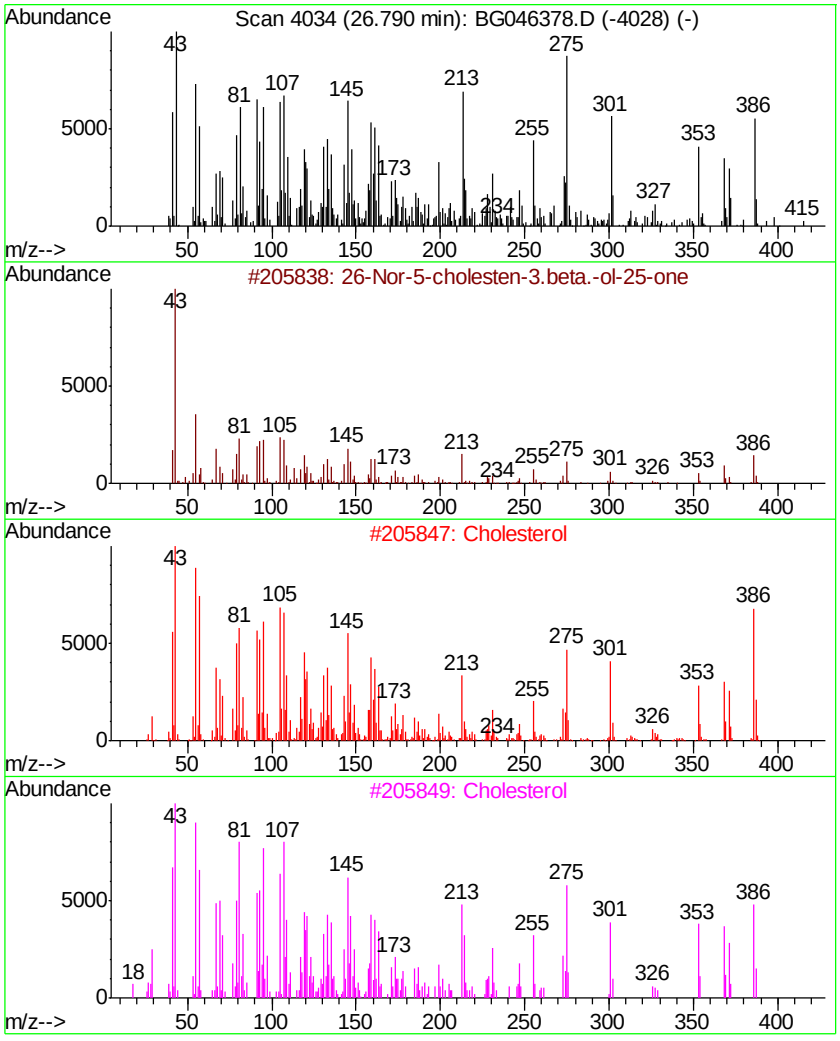
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

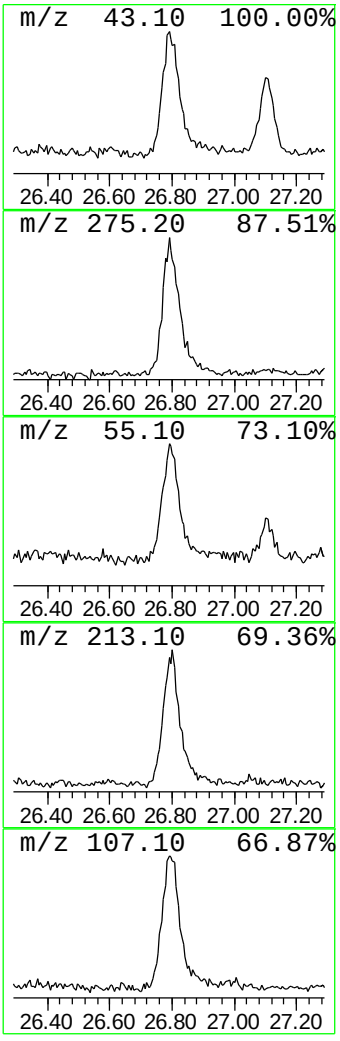
****

Peak Number 26 26-Nor-5-cholesten-3.beta.-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.79	11.67 ng/ul	854714	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	96
2	Cholesterol	386	C27H46O	000057-88-5	90
3	Cholesterol	386	C27H46O	000057-88-5	89
4	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	83
5	Cholesterol	386	C27H46O	000057-88-5	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046378.D
Acq On : 20 Aug 2020 14:33
Operator : CG/JU
Sample : L3634-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME9

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	99.5	ng/ul	2553960	1	7.94	513486	20.0
unknown-01	3.91	3.8	ng/ul	98100	1	7.94	513486	20.0
Hexanoic acid, 4-...	7.11	12.7	ng/ul	326997	1	7.94	513486	20.0
unknown-02	7.27	10.0	ng/ul	256595	1	7.94	513486	20.0
unknown-03	7.47	12.7	ng/ul	326117	1	7.94	513486	20.0
unknown-04	8.65	11.8	ng/ul	302104	1	7.94	513486	20.0
1H-Imidazole, 4-m...	9.09	12.7	ng/ul	324900	1	7.94	513486	20.0
unknown-05	9.82	7.0	ng/ul	274516	2	10.73	783874	20.0
unknown-06	10.86	6.8	ng/ul	266837	2	10.73	783874	20.0
unknown-07	13.97	12.5	ng/ul	710408	3	14.56	1132650	20.0
Dimethyl phthalate	14.02	5.4	ng/ul	305249	3	14.56	1132650	20.0
unknown-08	14.76	4.3	ng/ul	242357	3	14.56	1132650	20.0
unknown-09	15.67	4.1	ng/ul	230776	3	14.56	1132650	20.0
Anthracene, 2-met...	18.18	2.8	ng/ul	193837	4	17.31	1371880	20.0
Anthracene, 1-met...	18.23	3.7	ng/ul	253858	4	17.31	1371880	20.0
4H-Cyclopenta[def...	18.38	3.4	ng/ul	233046	4	17.31	1371880	20.0
9,10-Anthracenedione	18.72	2.1	ng/ul	144581	4	17.31	1371880	20.0
Pyrene, 1-methyl-	20.04	2.6	ng/ul	295977	5	21.56	2304890	20.0
1-Heneicosanol	21.22	6.7	ng/ul	770549	5	21.56	2304890	20.0
(DEL) Alkane: Str...	22.36	3.0	ng/ul	340550	5	21.56	2304890	20.0
(DEL) Alkane: Str...	23.81	2.5	ng/ul	182766	6	24.66	1465080	20.0
Behenic alcohol	23.86	3.4	ng/ul	246313	6	24.66	1465080	20.0
Benzo[e]pyrene	24.38	4.8	ng/ul	348728	6	24.66	1465080	20.0
(DEL) Alkane: Str...	25.80	4.8	ng/ul	353392	6	24.66	1465080	20.0
1-Hexadecene, 16-...	25.91	4.4	ng/ul	322813	6	24.66	1465080	20.0
26-Nor-5-choleste...	26.79	11.7	ng/ul	854714	6	24.66	1465080	20.0