LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046385.D
Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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	26	rVB	1372065	2083109	57.98%	3.517%
2	3.917	135	141	148	rVB	48316	73313	2.04%	0.124%
3	7.108	676	684	699	rBV	254431	463795	12.91%	0.783%
4	7.266	703	711	722	rBV	206173	345361	9.61%	0.583%
5	7.472	738	746	755	rBV	269258	463511	12.90%	0.782%
6	7.936	819	825	834	rBV	244834	417280	11.61%	0.704%
7	8.647	939	946	956	rBV	335058	570760	15.89%	0.964%
8	9.094	1013	1022	1031	rBV	255380	456022	12.69%	0.770%
9	9.816	1137	1145	1154	rBV	220274	390291	10.86%	0.659%
10	10.357	1229	1237	1248	rBV	373873	664944	18.51%	1.123%
11	10.733	1294	1301	1307	rBV	365793	648400	18.05%	1.095%
12	10.862	1315	1323	1337	rBV	220931	441925	12.30%	0.746%
13	13.888	1833	1838	1844	rBV	29077	52978	1.47%	0.089%
14	13.970	1844	1852	1857	rVV	723259	1060505	29.52%	1.790%
15	14.017	1857	1860	1866	rVB	192141	261919	7.29%	0.442%
16	14.258	1894	1901	1916	rBV	817377	1377847	38.35%	2.326%
17	14.570	1943	1954	1960	rVV	604525	979801	27.27%	1.654%
18	14.628	1960	1964	1972	rVV	86421	137644	3.83%	0.232%
19	14.764	1981	1987	1999	rVV	202299	381129	10.61%	0.643%
20	14.963	2016	2021	2030	rVV2	79838	142304	3.96%	0.240%
21	15.557	2115	2122	2128	rVV	1115133	1712919	47.68%	2.892%
22	15.610	2128	2131	2137	rVV	105431	162107	4.51%	0.274%
23	15.674	2137	2142	2150	rVV	279981	454290	12.65%	0.767%
24	15.909	2177	2182	2190	rVB2	54721	90499	2.52%	0.153%
25	16.056	2200	2207	2215	rVB	58671	121625	3.39%	0.205%
26	16.614	2300	2302	2308	rVV3	35232	65980	1.84%	0.111%
27	16.849	2334	2342	2345	rBV4	41430	84085	2.34%	0.142%
28	16.890	2345	2349	2352	rVV2	40814	64247	1.79%	0.108%
29	16.961	2356	2361	2370	rVB	111348	184219	5.13%	0.311%
30	17.043	2370	2375	2385	rBV5	46053	143206	3.99%	0.242%
31	17.125	2385	2389	2399	rVB	78504	140138	3.90%	0.237%
32	17.313	2414	2421	2424	rBV	756992	1238880	34.48%	2.091%
33	17.355	2424	2428	2432	rVV	1368629	2004827	55.80%	3.385%
34	17.407	2432	2437	2441	rVV2	1195391	1853047	51.58%	3.128%

LSC Area Percent Report

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Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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	17.443	2441	2443	2448	rVV	238251	283027	7.88%	0.478%
36	17.502	2448	2453	2458	rVB3	35132	58645	1.63%	0.099%
37	17.707	2479	2488	2493	rBV2	143119	267387	7.44%	0.451%
38	17.831	2504	2509	2514	rVV3	44759	78170	2.18%	0.132%
39	17.889	2515	2519	2528	rVB4	46766	79558	2.21%	0.134%
40	18.189	2560	2570	2572	rBV	250605	398431	11.09%	0.673%
41	18.236	2572	2578	2584	rVV	370248	716988	19.96%	1.210%
42	18.312	2586	2591	2596	rVB	102085	151007	4.20%	0.255%
43	18.383	2596	2603	2606	rBV2	283981	544804	15.16%	0.920%
44	18.418	2606	2609	2614	rVB	169900	238574	6.64%	0.403%
45	18.500	2616	2623	2624	rBV3	26483	53335	1.48%	0.090%
46	18.530	2625	2628	2633	rVV3	39116	63425	1.77%	0.107%
47	18.682	2649	2654	2657	rVV	195804	275597	7.67%	0.465%
48	18.718	2657	2660	2666	rVB	220624	317344	8.83%	0.536%
49	18.929	2688	2696	2700	rBV2	79370	136529	3.80%	0.230%
50	18.982	2701	2705	2708	rVV	65679	91197	2.54%	0.154%
51	19.017	2708	2711	2716	rVB2	72557	94625	2.63%	0.160%
52	19.100	2720	2725	2729	rVV2	181962	305893	8.51%	0.516%
53	19.164	2729	2736	2739	rVV3	93877	229570	6.39%	0.388%
54	19.194	2739	2741	2744	rVV	83226	94287	2.62%	0.159%
55	19.241	2744	2749	2757	rVB	181928	314467	8.75%	0.531%
56	19.364	2764	2770	2776	rVB	2215438	3094179	86.13%	5.224%
57	19.429	2777	2781	2783	rBV	41710	55570	1.55%	0.094%
58	19.458	2783	2786	2791	rVB3	63401	92806	2.58%	0.157%
59	19.511	2791	2795	2798	rVB2	61239	70810	1.97%	0.120%
60	19.558	2798	2803	2806	rBV	87469	134369	3.74%	0.227%
61	19.605	2808	2811	2814	rVB	51121	60294	1.68%	0.102%
62	19.693	2820	2826	2829	rBV3	1866462	3068931	85.42%	5.181%
63	19.722	2829	2831	2839	rVV	1940638	2572202	71.60%	4.342%
64	19.793	2839	2843	2851	rVB2	146670	241353	6.72%	0.407%
65	19.899	2857	2861	2868	rBV	137510	219470	6.11%	0.371%
66	19.957	2868	2871	2877	rVB2	87572	130475	3.63%	0.220%
67	20.028	2878	2883	2893	rBV5	678869	1315736	36.62%	2.221%
68	20.181	2905	2909	2911	rBV4	135602	205749	5.73%	0.347%
69	20.210	2911	2914	2919	rVB	282191	408484	11.37%	0.690%
70	20.316	2928	2932	2935	rBV	140394	177872	4.95%	0.300%
71	20.375	2935	2942	2946	rVV2	293597	510672	14.21%	0.862%

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Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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

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Peak separation: 5

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

72	20.410	2946	2948	2952	rVB2	60368	60420	1.68%	0.102%
73	20.451	2952	2955	2960	rVB2	69031	92994	2.59%	0.157%
74	20.510	2961	2965	2969	rBV	169393	238801	6.65%	0.403%
75	20.557	2969	2973	2977	rVB	160621	220392	6.13%	0.372%
76	20.768	3006	3009	3012	rBV4	61162	89042	2.48%	0.150%
77	20.804	3012	3015	3018	rVV3	60701	87401	2.43%	0.148%
78	20.968	3038	3043	3049	rVB	306072	476934	13.28%	0.805%
79	21.144	3066	3073	3077	rBV2	190624	468263	13.03%	0.791%
80	21.191	3077	3081	3083	rVV	251110	369373	10.28%	0.624%
81	21.221	3083	3086	3094	rVV3	668630	1295974	36.07%	2.188%
82	21.291	3094	3098	3107	rVB2	275204	493636	13.74%	0.833%
83	21.544	3135	3141	3148	rBV3	1420310	3592618	100.00%	6.065%
84	21.603	3148	3151	3163	rVB	1096456	1763850	49.10%	2.978%
85	21.761	3173	3178	3183	rBV4	167179	334682	9.32%	0.565%
86	21.955	3206	3211	3217	rBV3	153587	302895	8.43%	0.511%
87	22.272	3261	3265	3270	rVB	237938	399642	11.12%	0.675%
88	22.343	3272	3277	3279	rBV2	191128	327478	9.12%	0.553%
89	22.531	3305	3309	3313	rBV2	99535	169873	4.73%	0.287%
90	23.694	3498	3507	3513	rBV	800222	2601635	72.42%	4.392%
91	23.806	3522	3526	3530	rBV	122012	209036	5.82%	0.353%
92	23.859	3531	3535	3542	rVV3	206459	407880	11.35%	0.689%
93	23.929	3544	3547	3554	rVB	171836	350982	9.77%	0.593%
94	24.388	3617	3625	3630	rBV	422312	1074198	29.90%	1.813%
95	24.458	3630	3637	3643	rVV	807799	2191193	60.99%	3.699%
96	24.523	3643	3648	3660	rVB	719935	1836909	51.13%	3.101%
97	24.670	3665	3673	3679	rBV2	492075	1331268	37.06%	2.247%
98	25.804	3860	3866	3877	rVB2	206151	572852	15.95%	0.967%
99	25.921	3879	3886	3895	rBV3	128185	375867	10.46%	0.635%
100	28.183	4262	4271	4273	rBV	250365	614440	17.10%	1.037%

Sum of corrected areas: 59235267

LSC Report - Integrated Chromatogram

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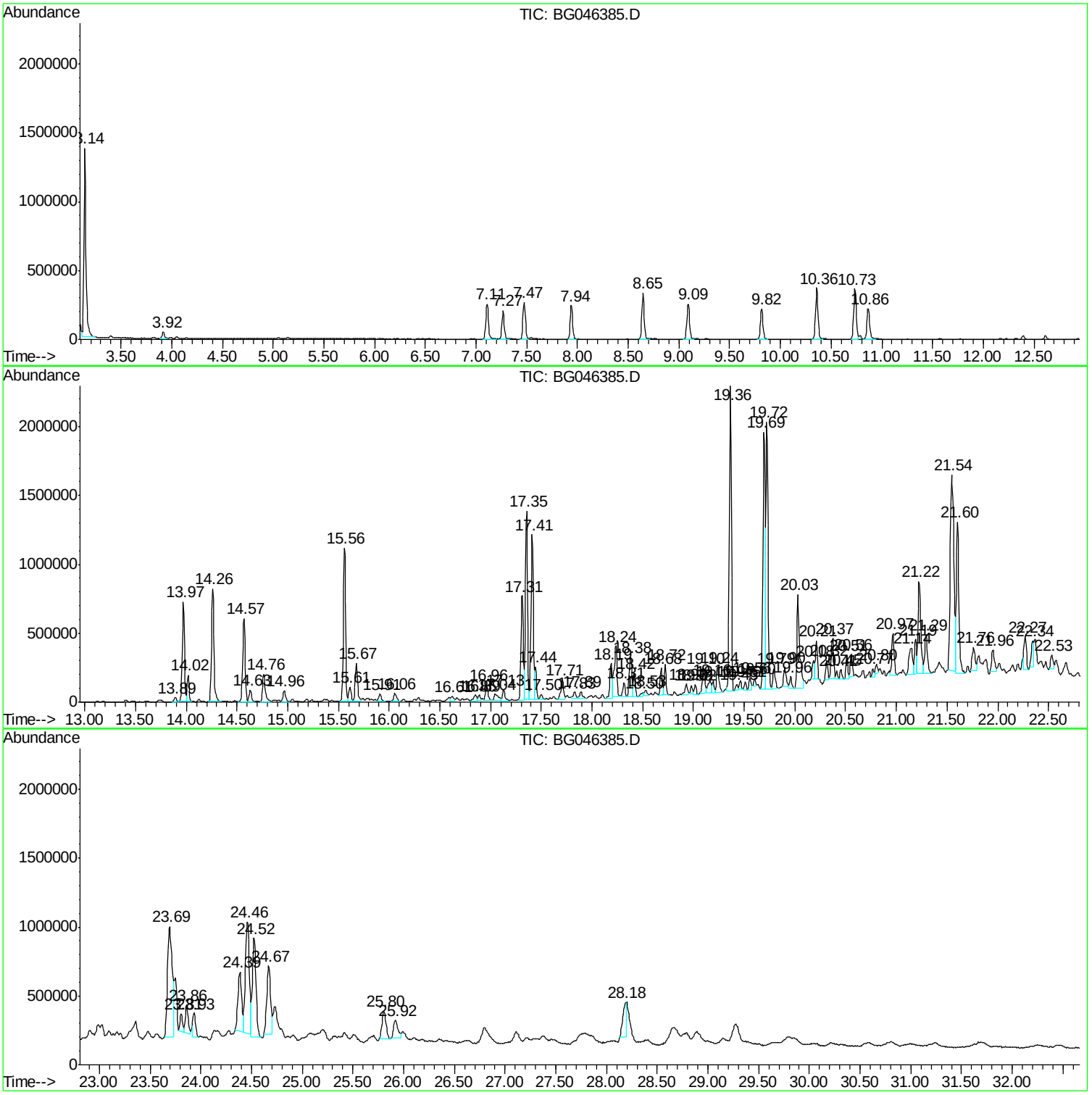
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046385.D
Acq On : 20 Aug 2020 19:15
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Quant Title : SVOA CALIBRATION

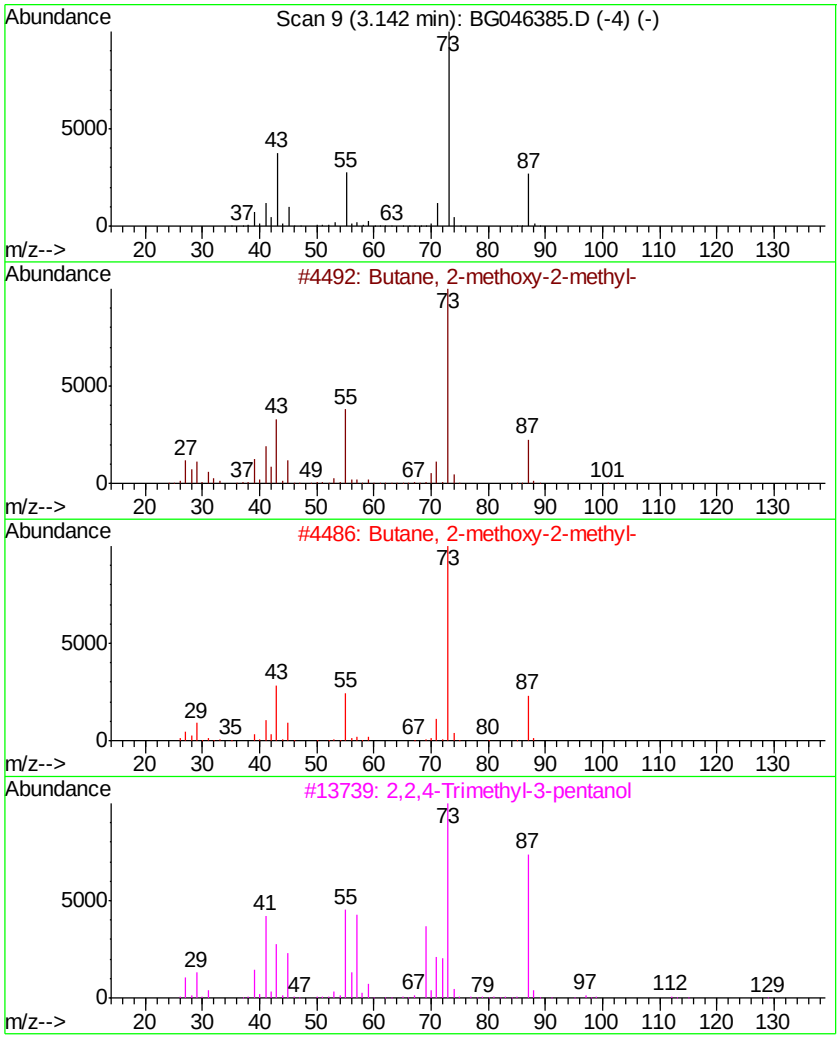
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

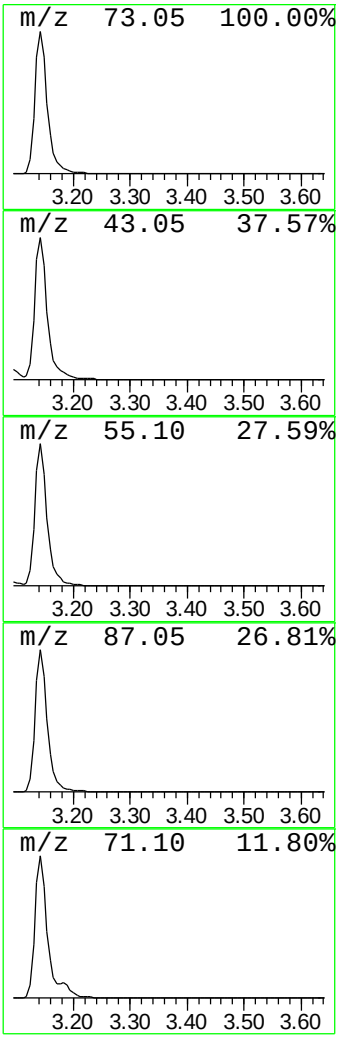
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	99.84 ng/ul	2083110	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-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





Library Search Compound Report

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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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

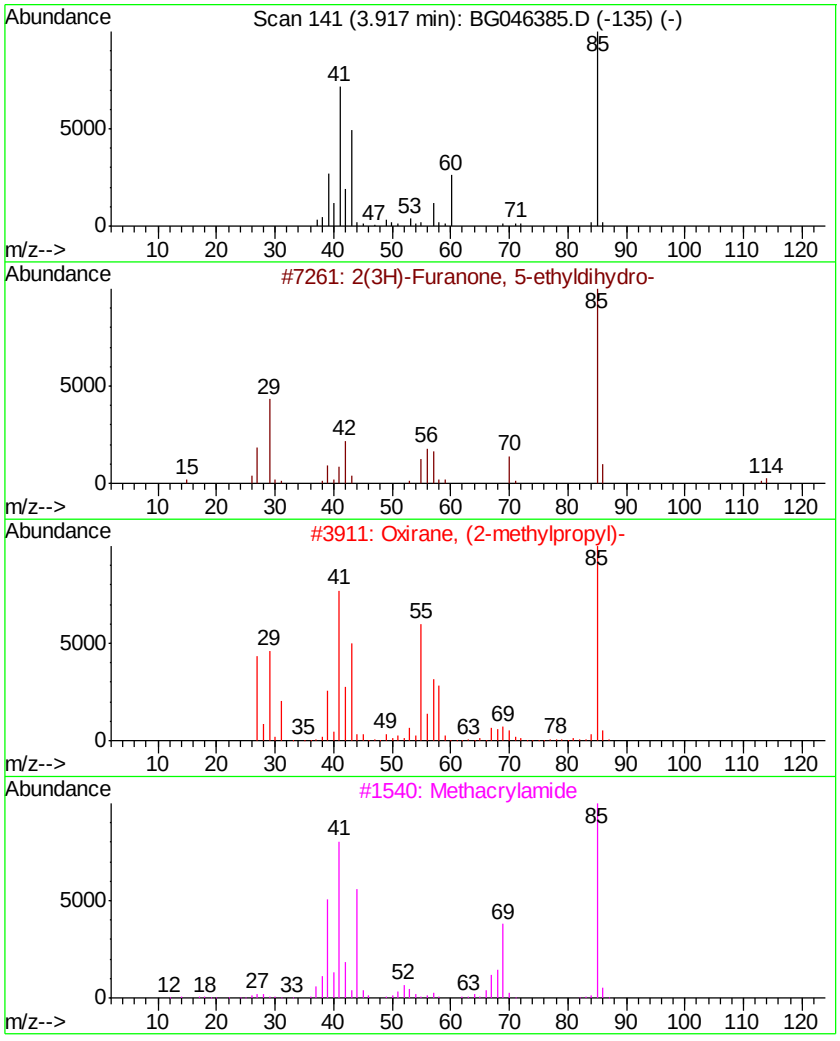
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

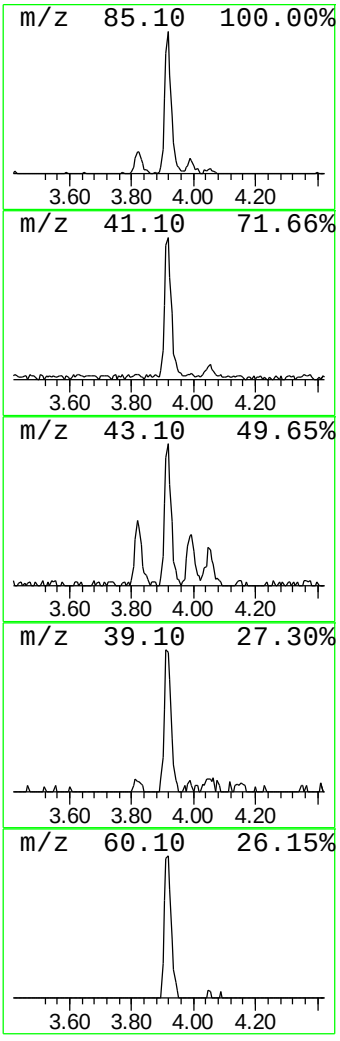
****

Peak Number 2 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	3.51 ng/ul	73313	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	38
2	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
3	Methacrylamide	85	C4H7NO	000079-39-0	36
4	Isothiazole	85	C3H3NS	000288-16-4	9
5	dl-Glyceraldehyde dimer	180	C6H12O6	026793-98-6	9





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Quant Title : SVOA CALIBRATION

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

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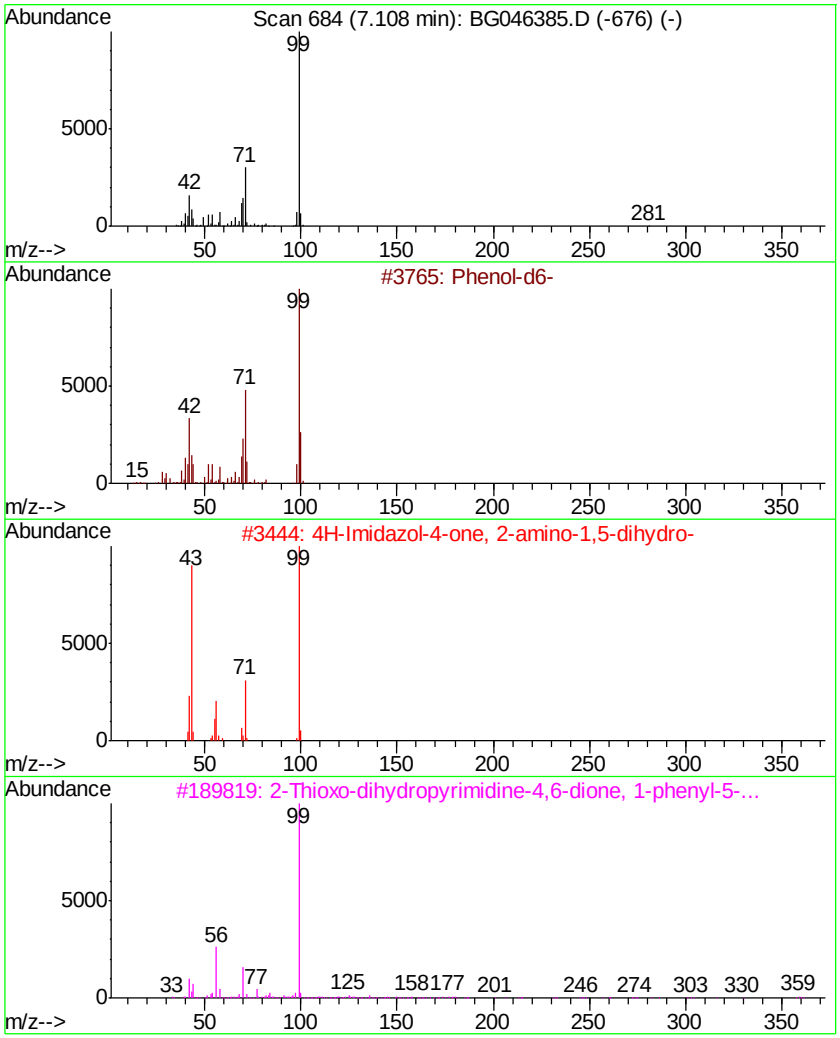
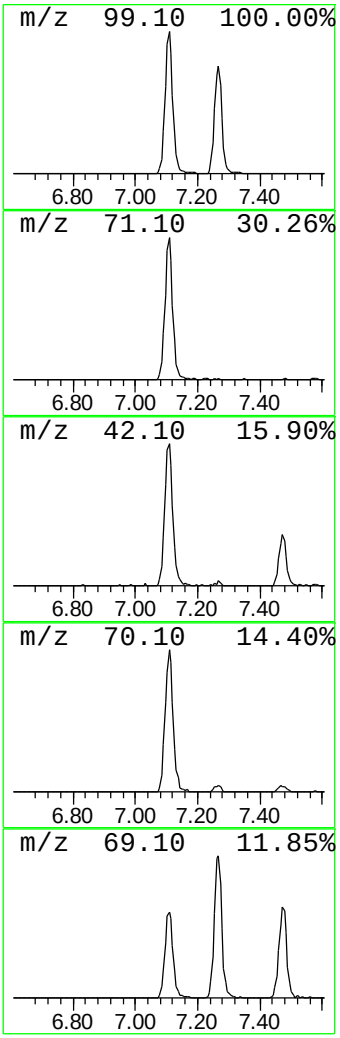
Peak Number 3 4H-Imidazol-4-one, 2-amino-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	22.23 ng/ul	463795	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol-d6-	100	C6D6O	013127-88-3	64
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
3	2-Thioxo-dihydropyrimidine-4,6-d...	359	C17H21N5O2S	1000304-28-6	50
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
5	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	45





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : BFMG4

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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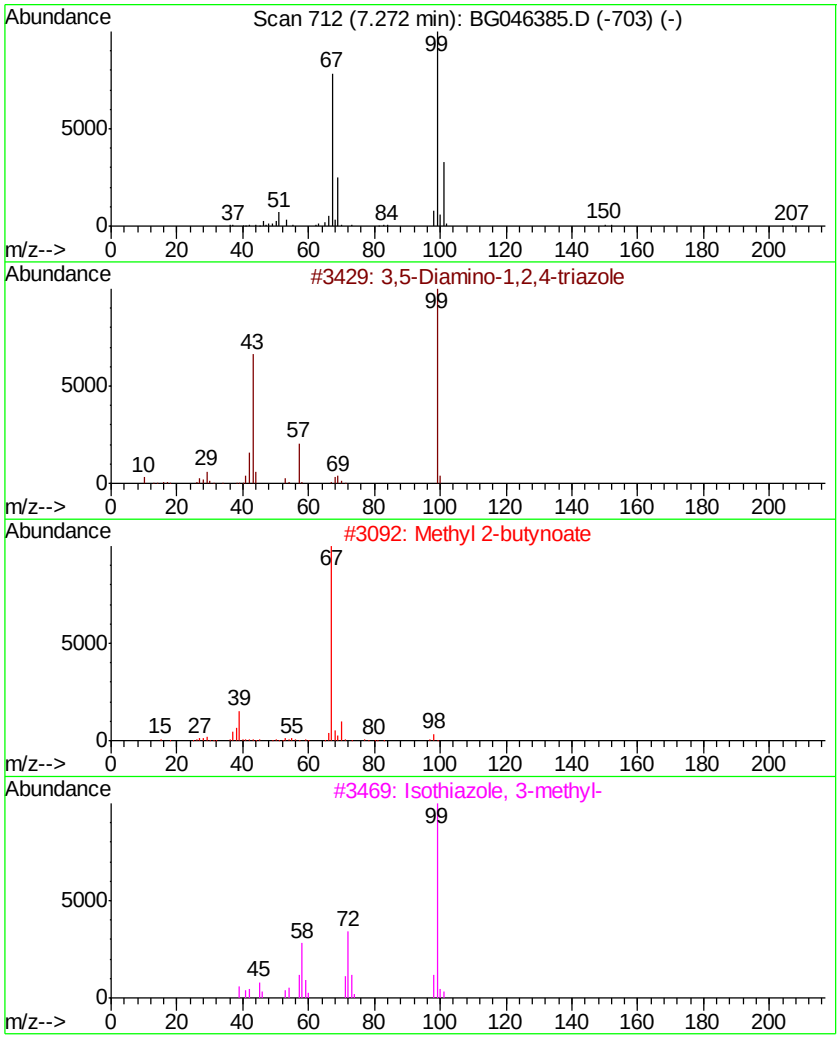
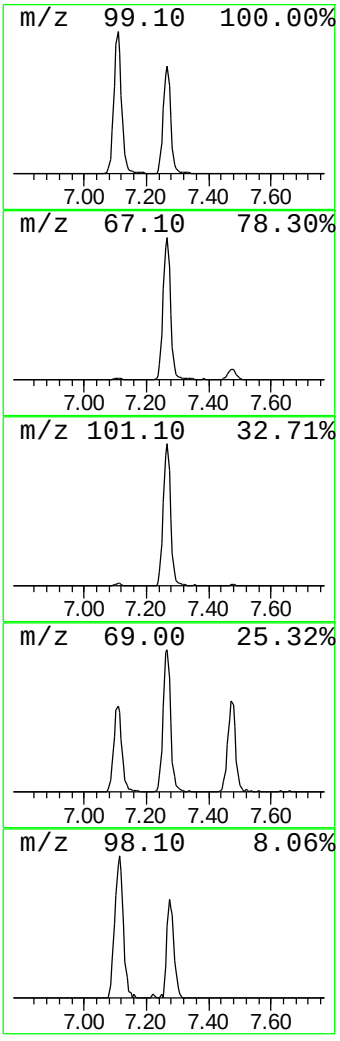
Peak Number 4 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	16.55 ng/ul	345361	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	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
3	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
4	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
5	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9





Library Search Compound Report

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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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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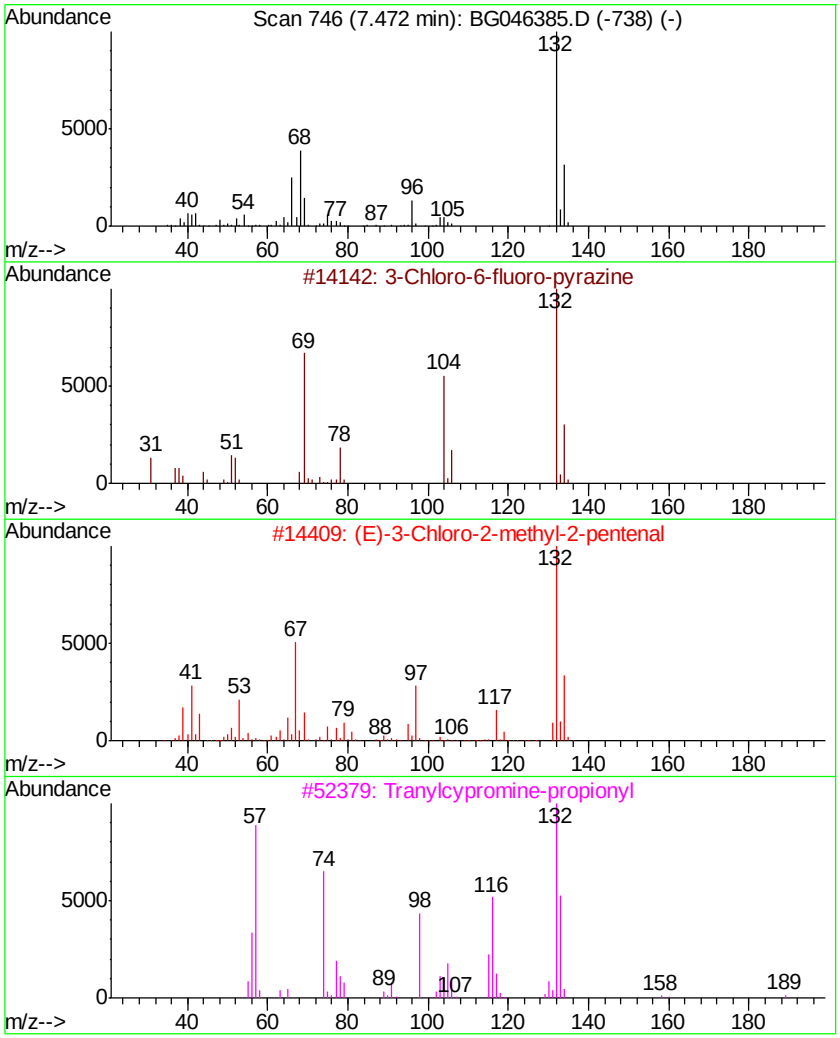
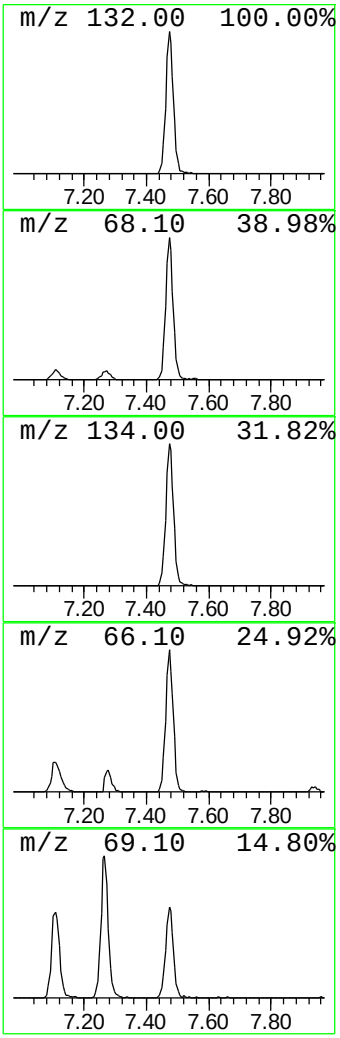
Peak Number 5 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	22.22 ng/ul	463511	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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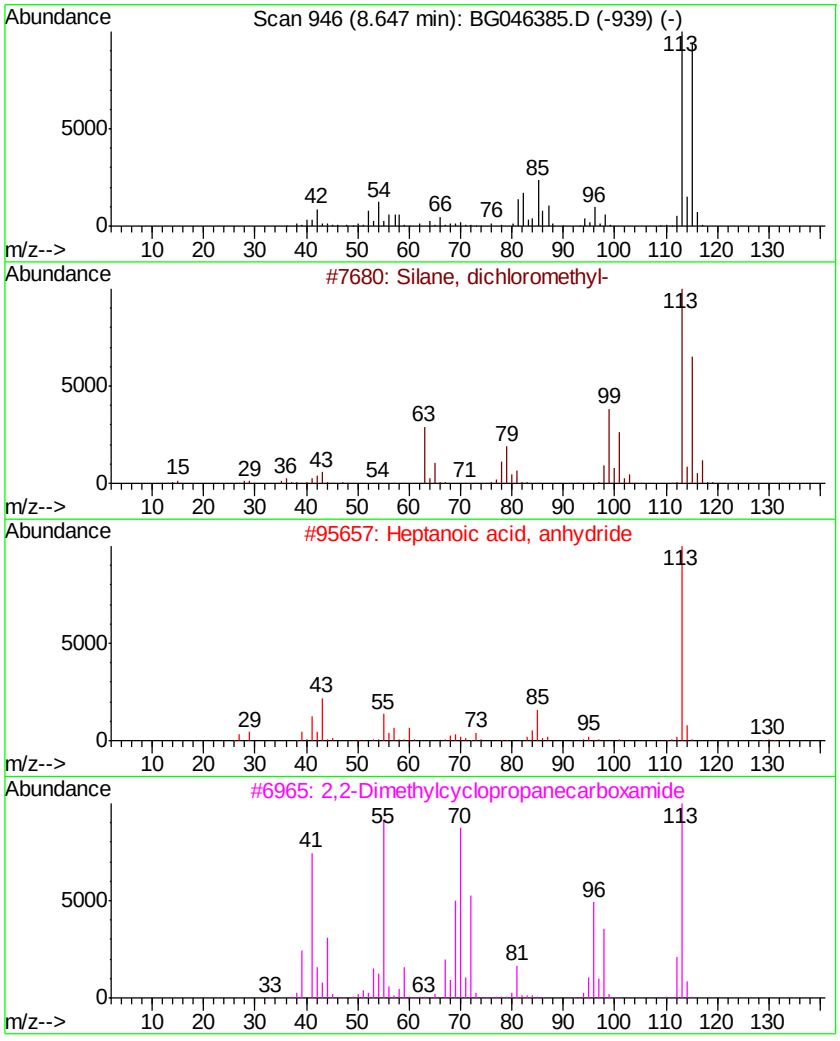
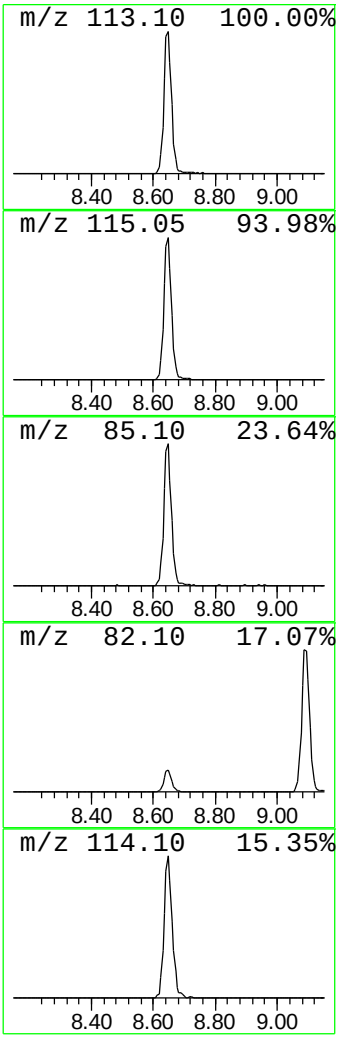
Peak Number 6 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	27.36 ng/ul	570760	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	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
3	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	27
4	Piperidine-2,5-dione	113	C5H7NO2	052065-78-8	17
5	Cyclohexanol, 4-methyl-1-(1-meth...	156	C10H20O	000470-65-5	17





Library Search Compound Report

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Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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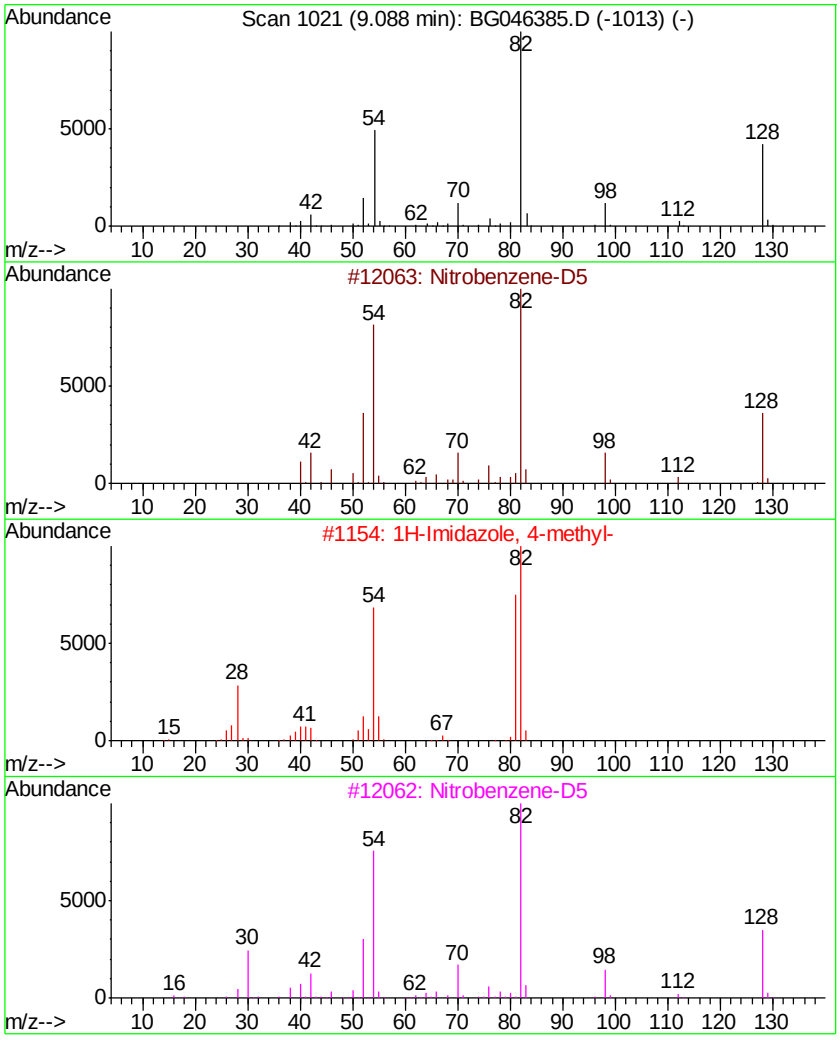
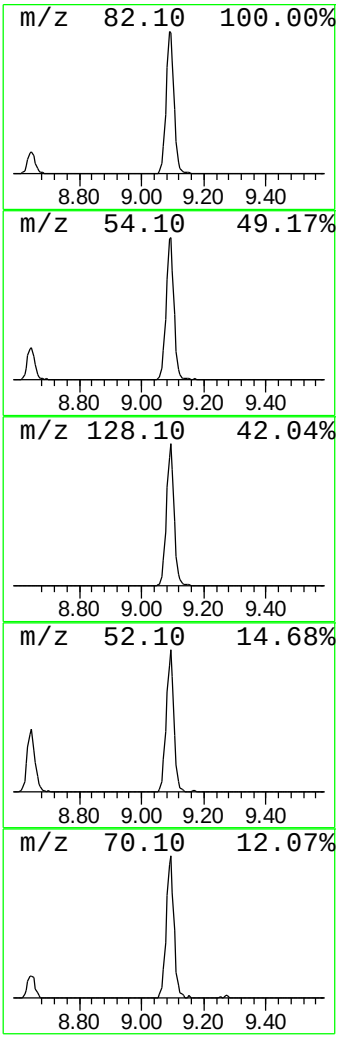
Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	21.86 ng/ul	456022	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	64
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33





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Operator : CG/JU
Sample : L3634-16
Misc :
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Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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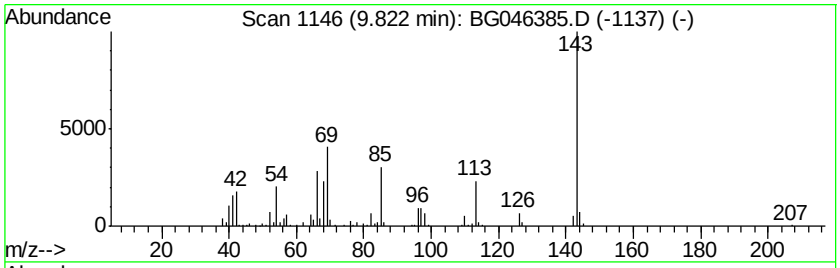
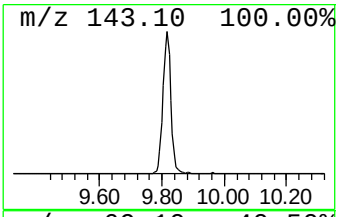
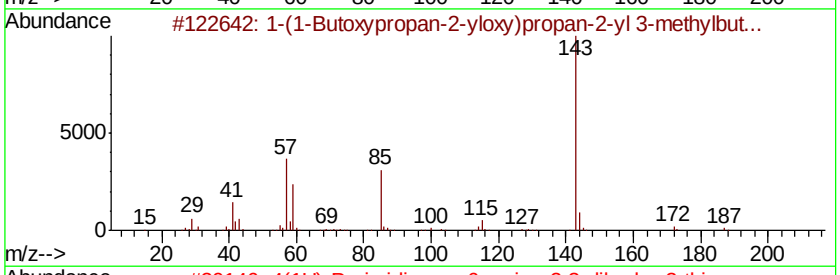
Peak Number 8 unknown-05 Concentration Rank 10

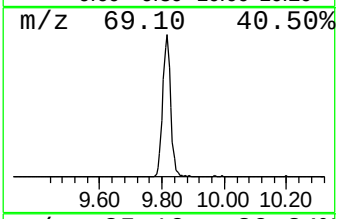
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	12.04 ng/ul	390291	Naphthalene-d8	10.73

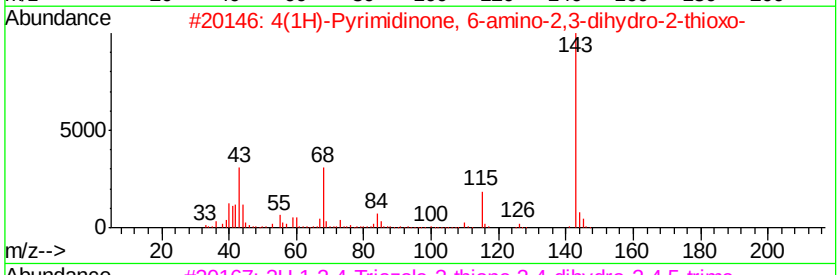
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	16
2	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	16
3	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12
4	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12
5	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	10

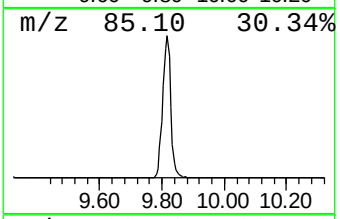


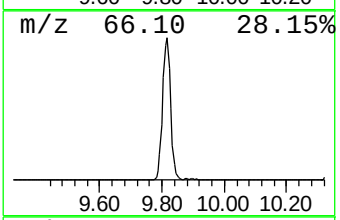


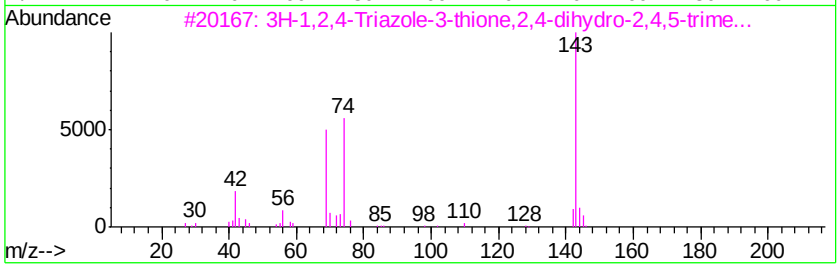


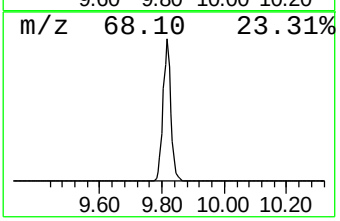












Library Search Compound Report

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Data File : BG046385.D
Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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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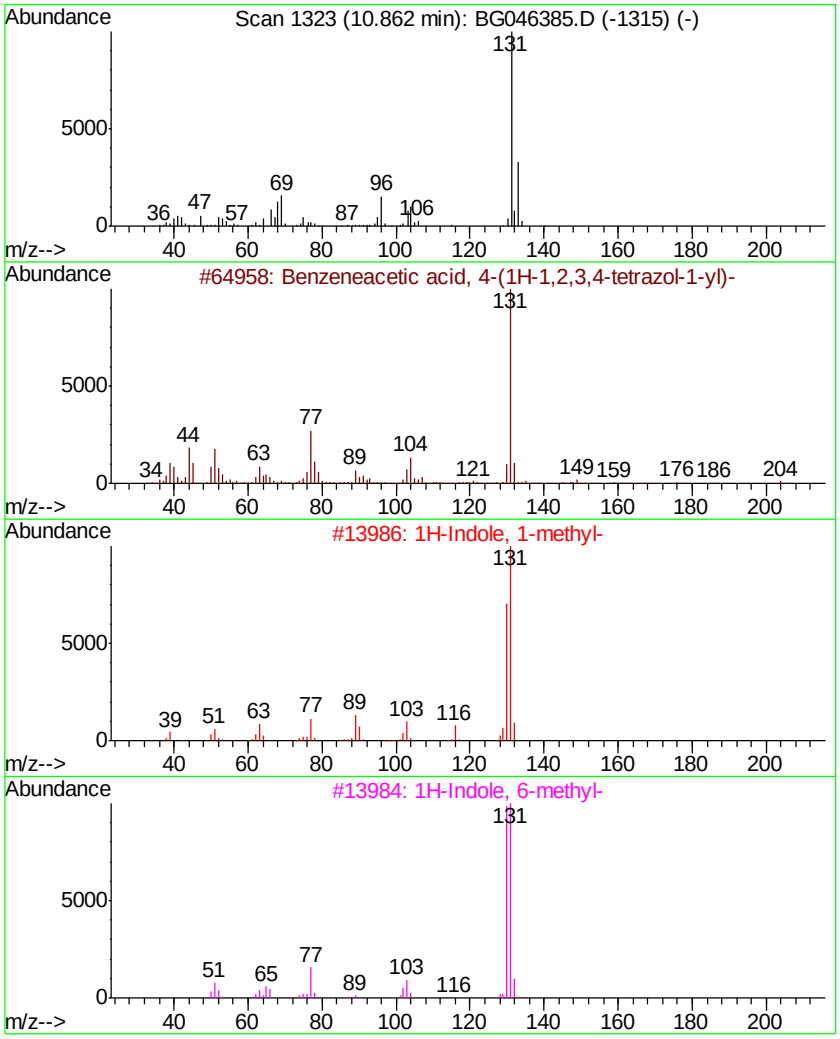
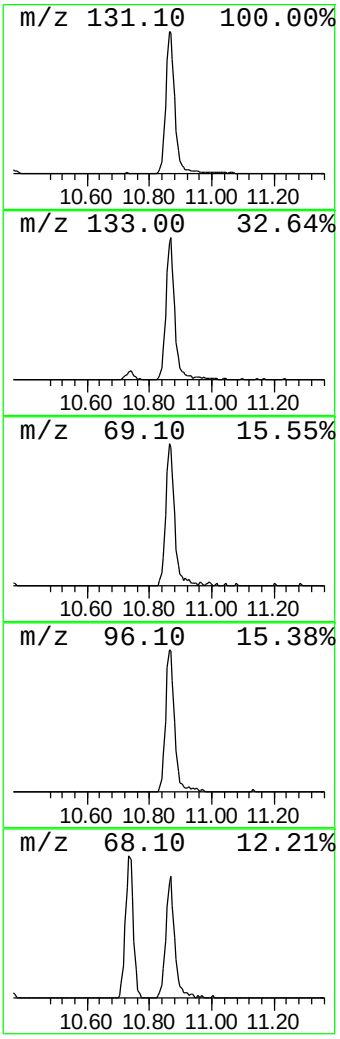
Peak Number 9 unknown-06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	13.63 ng/ul	441925	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
3	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	9
4	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	9
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	9





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Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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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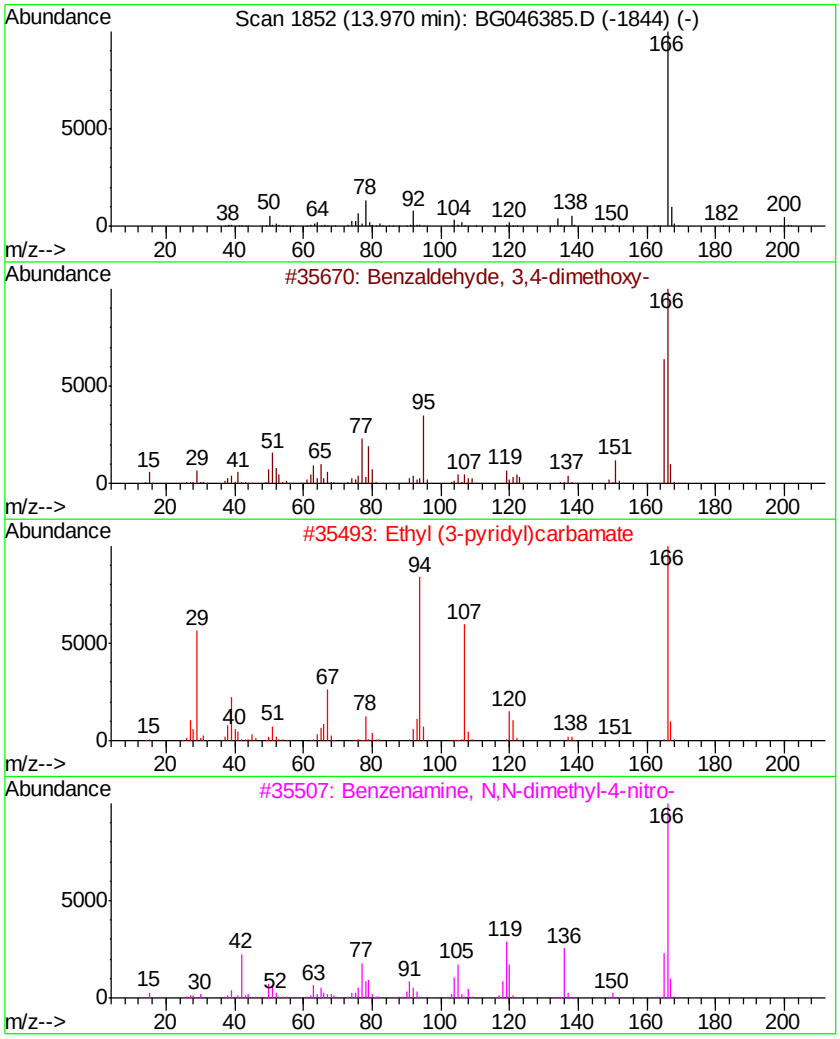
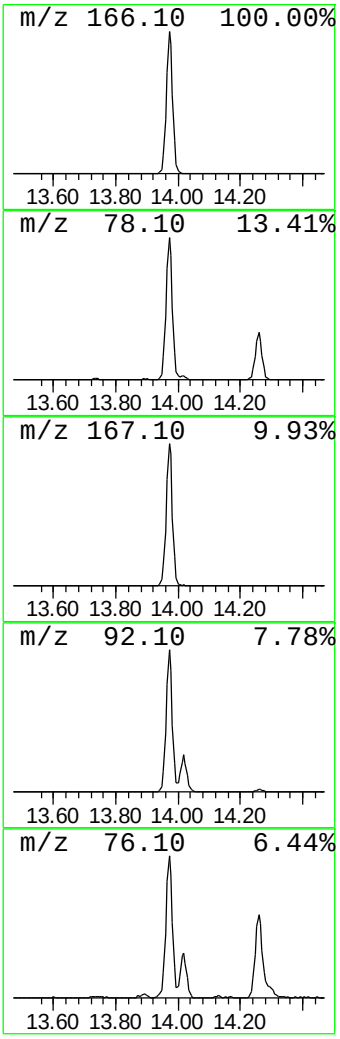
Peak Number 10 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	21.65 ng/ul	1060510	Acenaphthene-d10	14.57

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





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Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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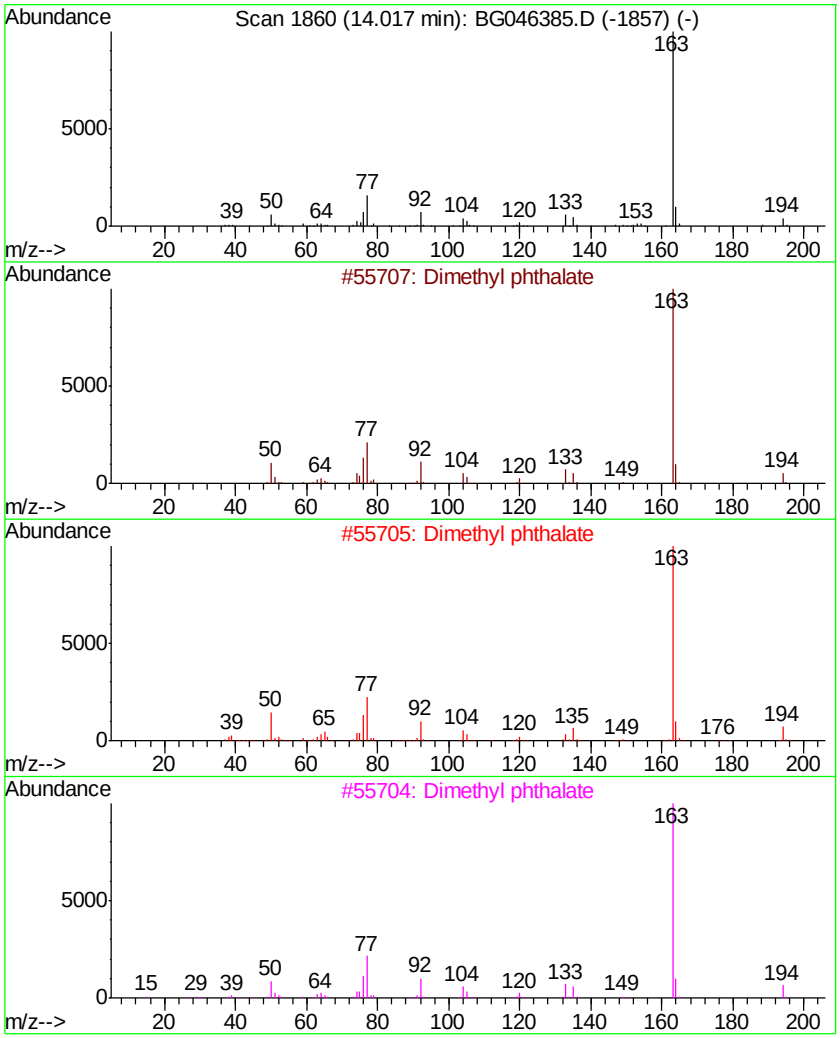
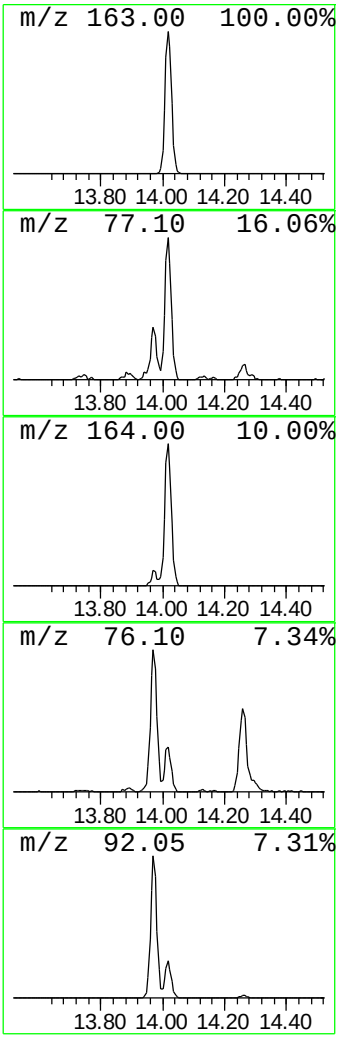
Peak Number 11 Dimethyl phthalate Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	5.35 ng/ul	261919	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
4	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	78
5	Phthalic acid, methyl neopentyl ...	250	C14H18O4	1000315-53-9	78





Library Search Compound Report

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Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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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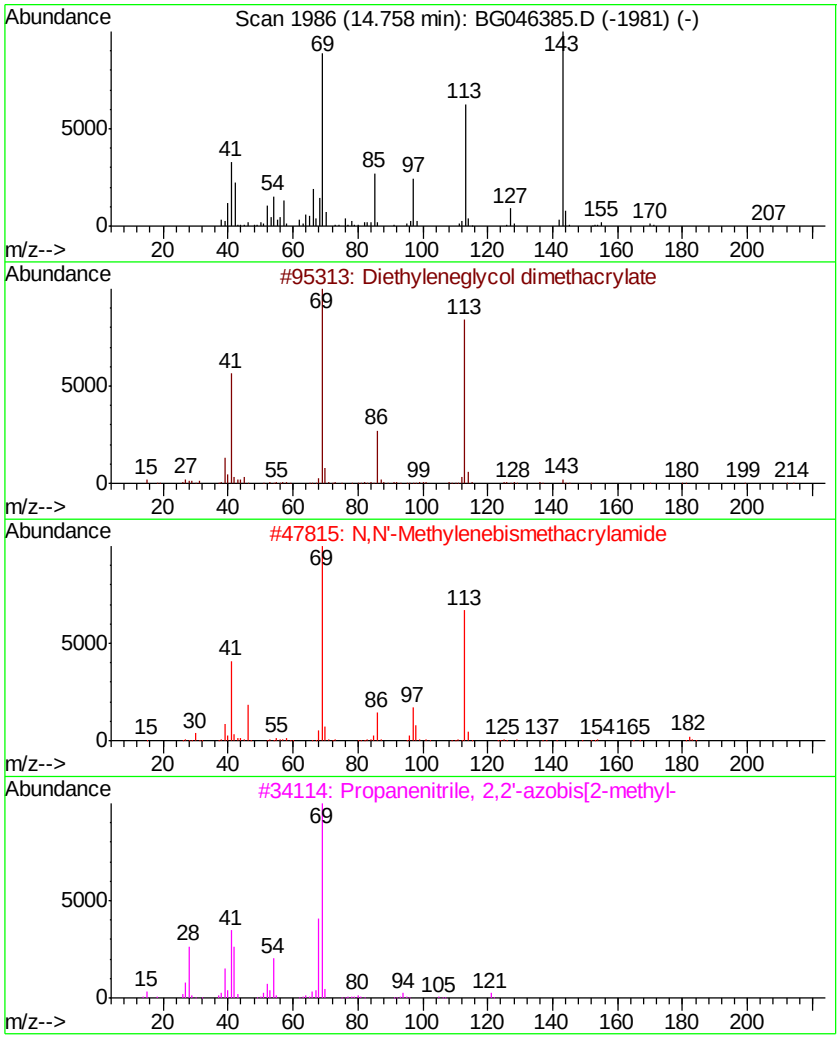
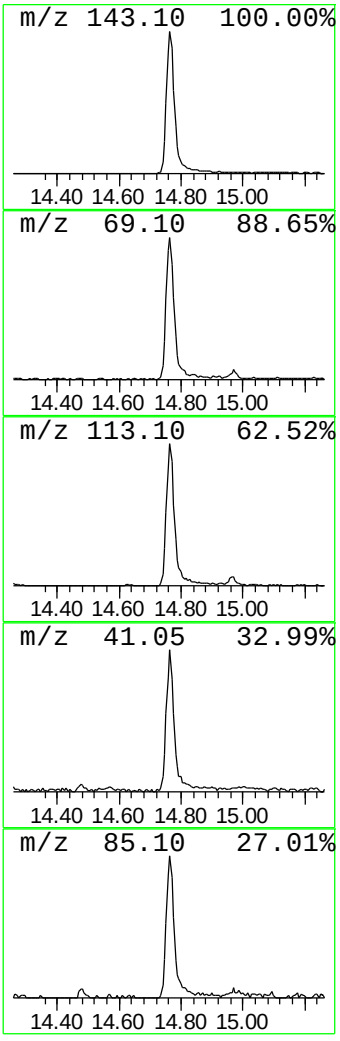
Peak Number 12 unknown-08 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	7.78 ng/ul	381129	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	25
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
3	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	22
4	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	16
5	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14





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Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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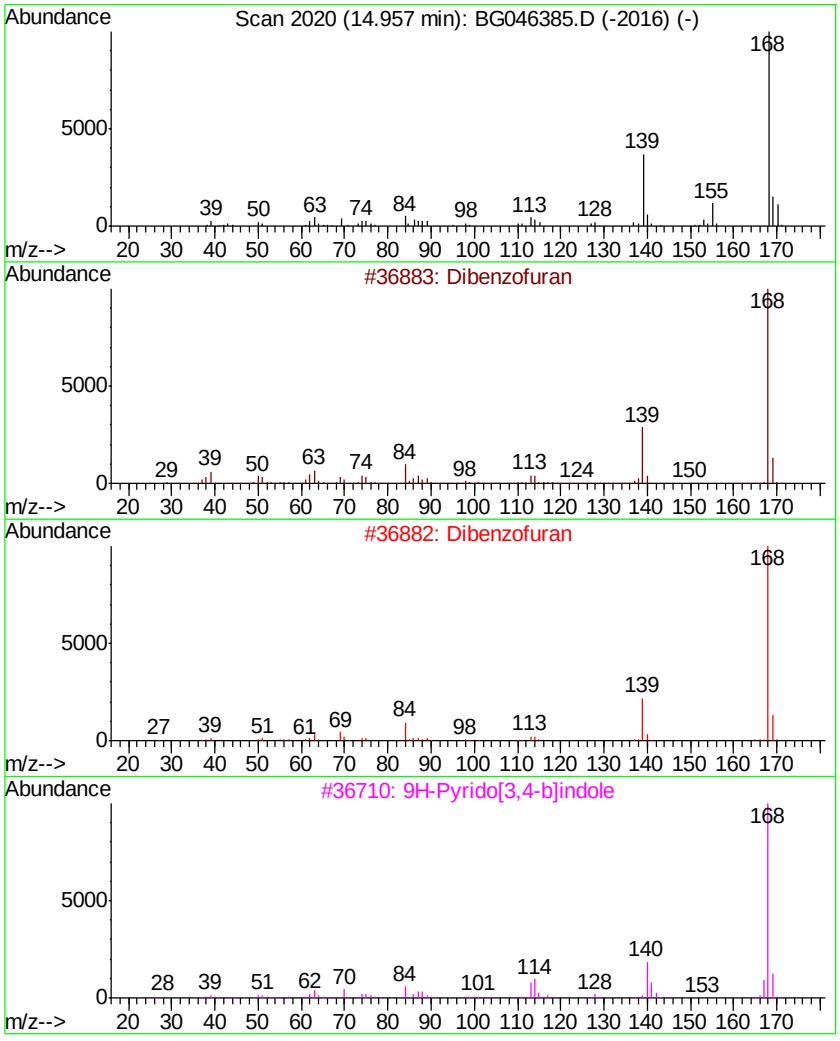
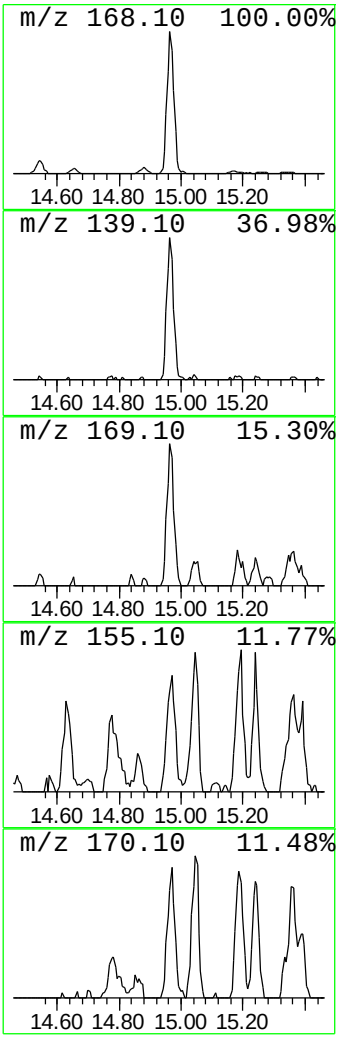
Peak Number 13 Dibenzofuran Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.90 ng/ul	142304	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	81
2	Dibenzofuran	168	C12H8O	000132-64-9	74
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	50
4	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50
5	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	47





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Quant Title : SVOA CALIBRATION

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

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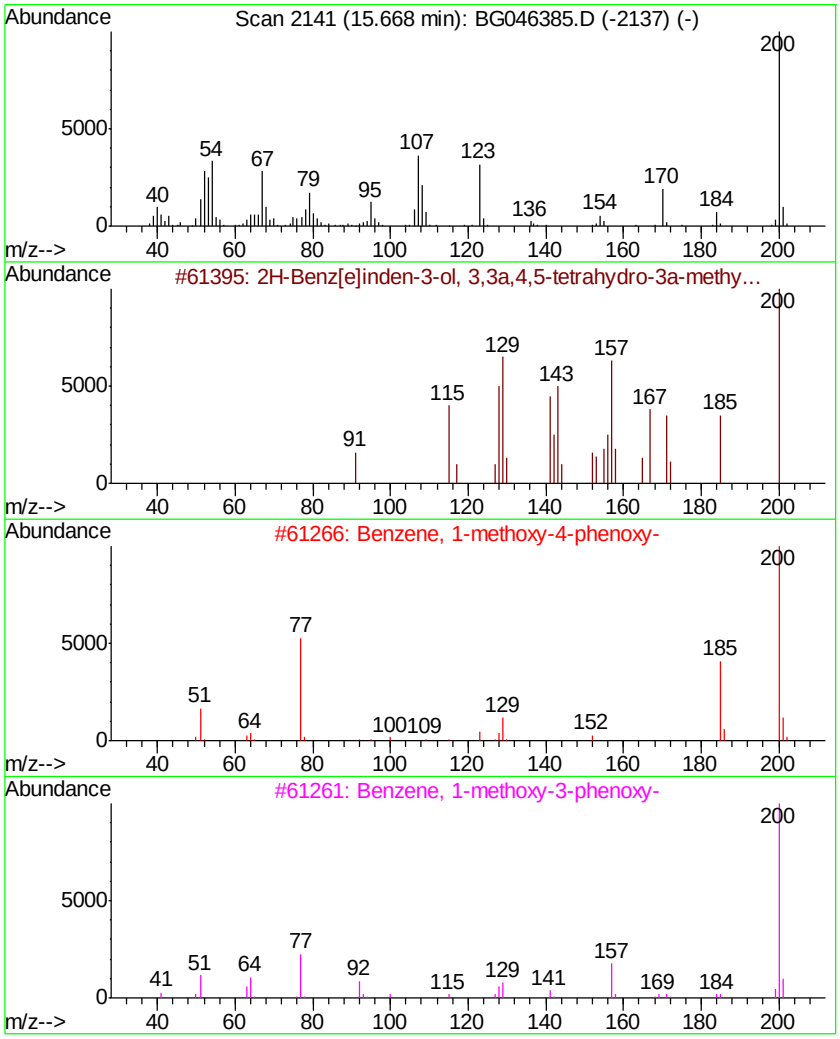
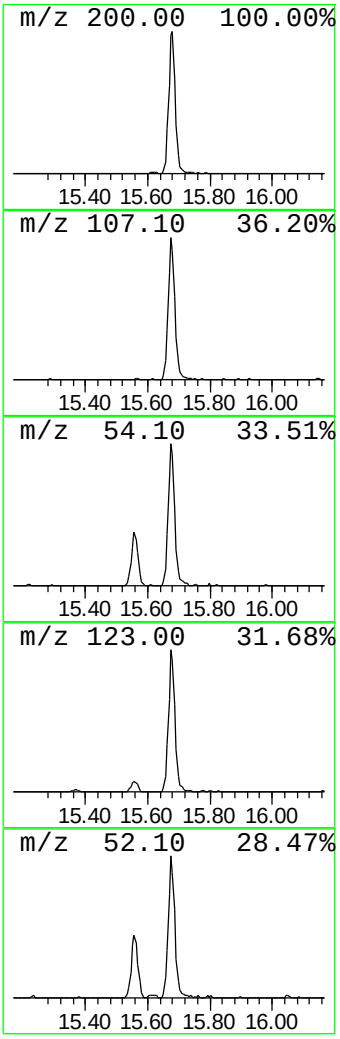
Peak Number 14 unknown-09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	9.27 ng/ul	454290	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	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	14
3	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
4	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	10
5	1,3-Dichloro-2,4,6-trifluorobenzene	200	C6HCl2F3	002368-53-8	9





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Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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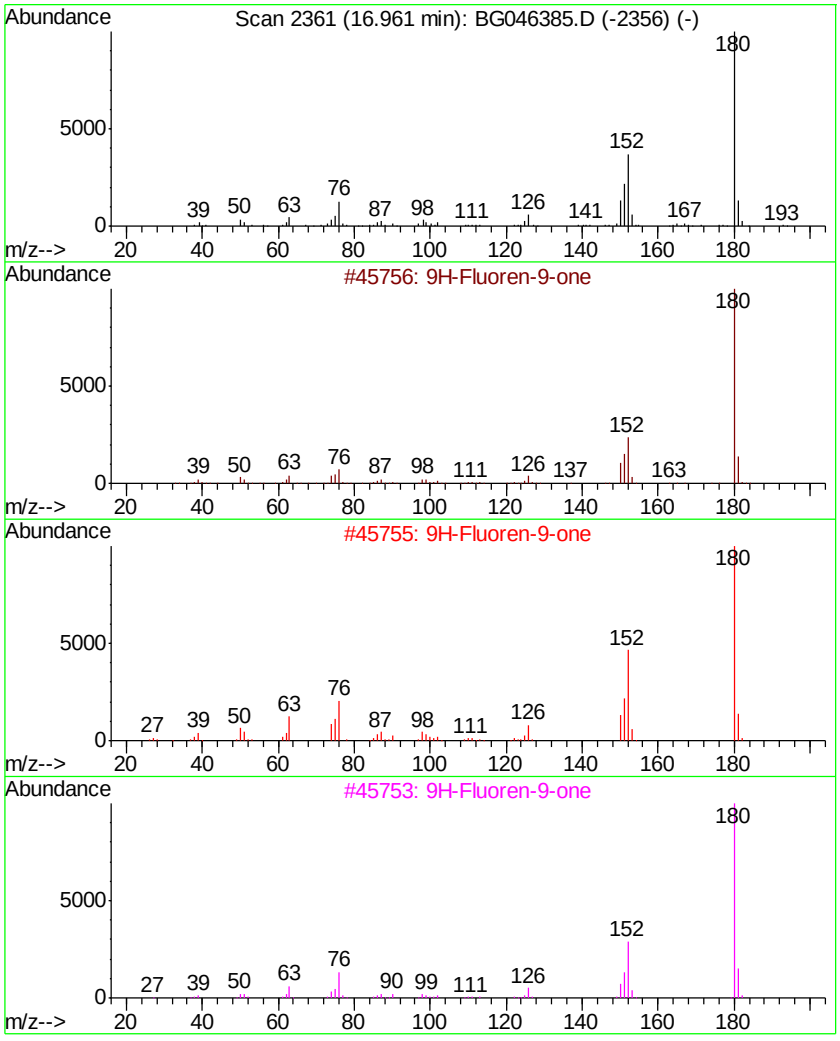
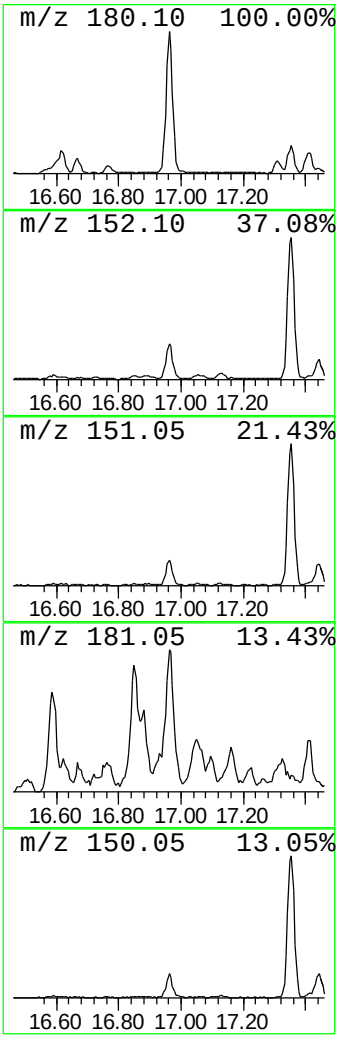
Peak Number 15 9H-Fluoren-9-one Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	2.97 ng/ul	184219	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	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	72





Library Search Compound Report

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Data File : BG046385.D
Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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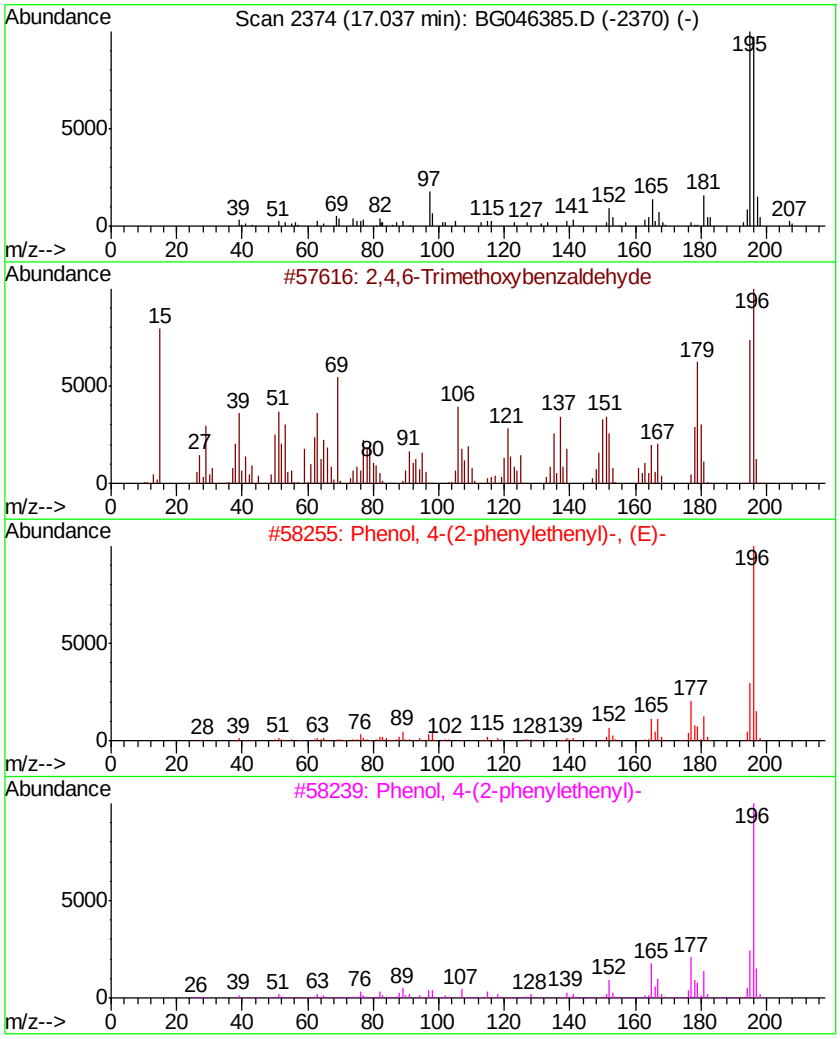
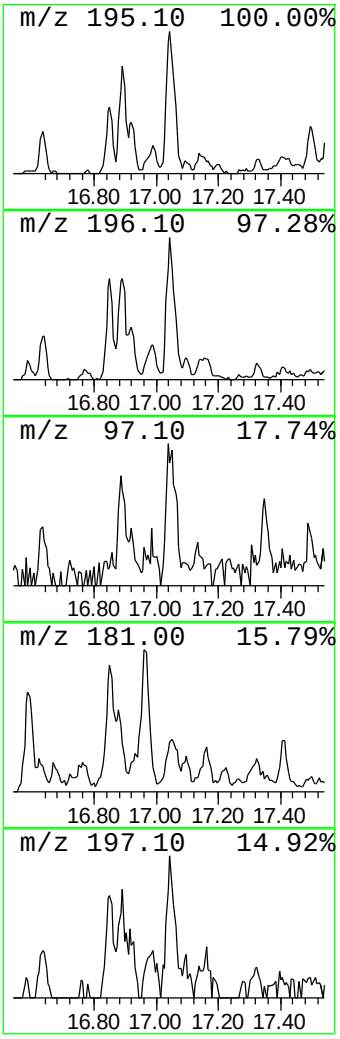
Peak Number 16 2,4,6-Trimethoxybenzaldehyde Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	2.31 ng/ul	143206	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	58
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	53
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	52
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52





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Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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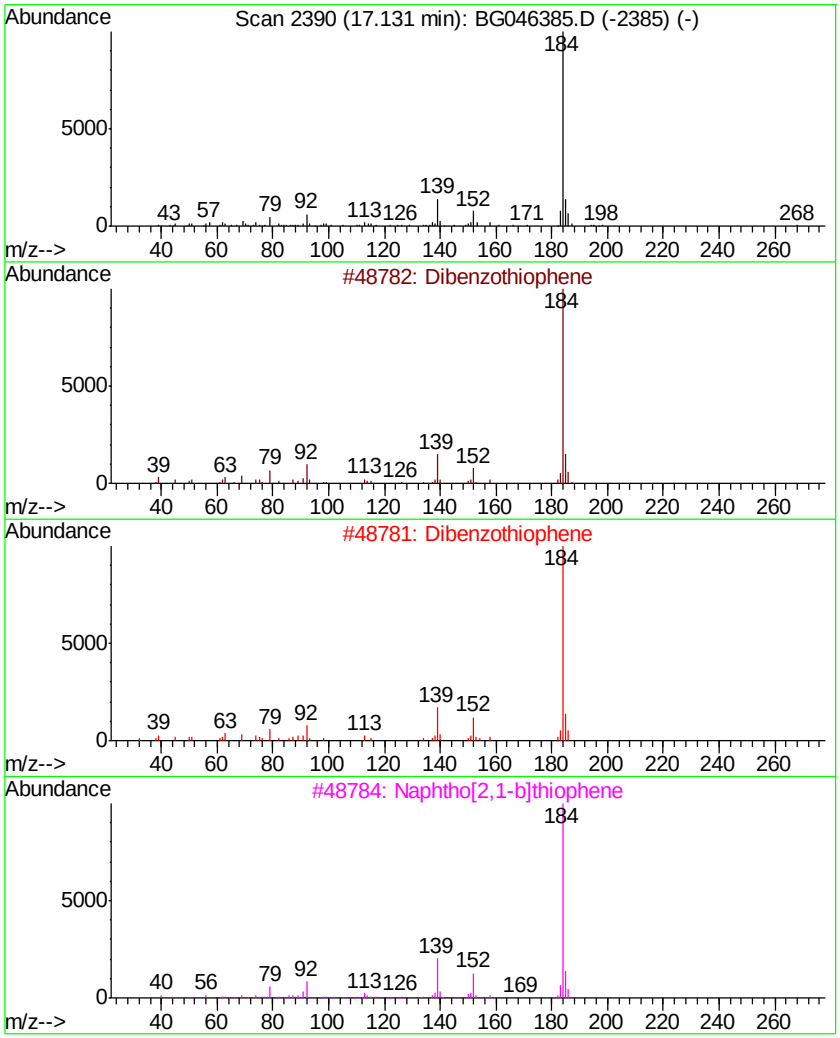
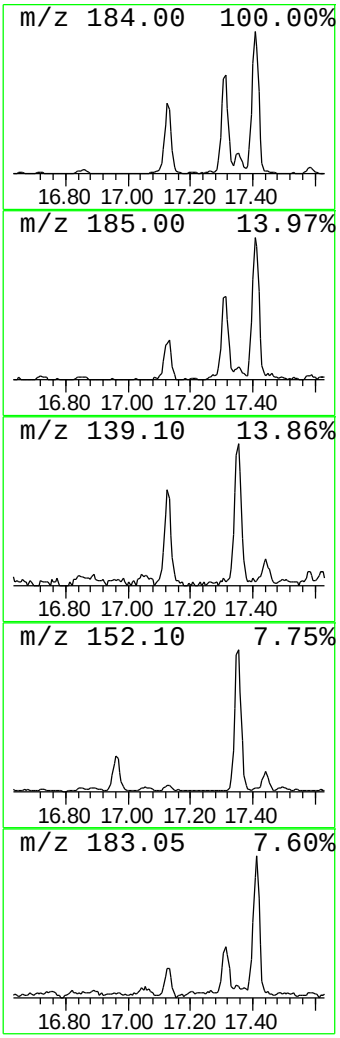
Peak Number 17 Dibenzothiophene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	2.26 ng/ul	140138	Phenanthrene-d10	17.31

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





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Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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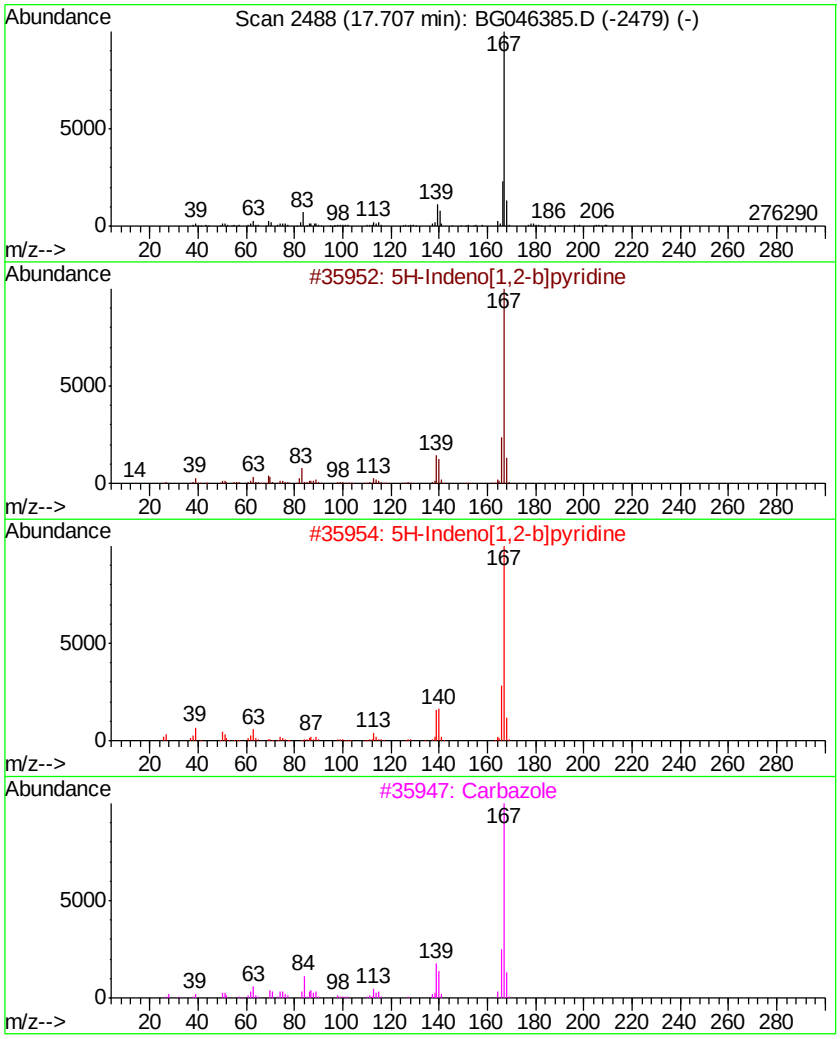
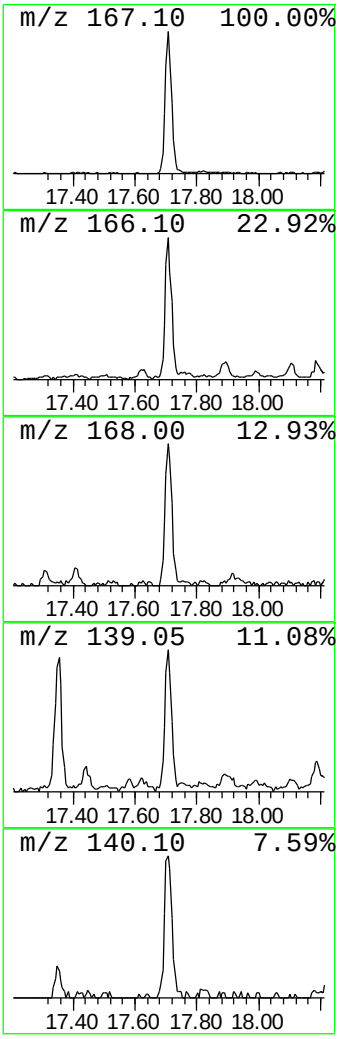
Peak Number 18 5H-Indeno[1,2-b]pyridine Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	4.32 ng/ul	267387	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	90
3	Carbazole	167	C12H9N	000086-74-8	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	Carbazole	167	C12H9N	000086-74-8	86





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Operator : CG/JU
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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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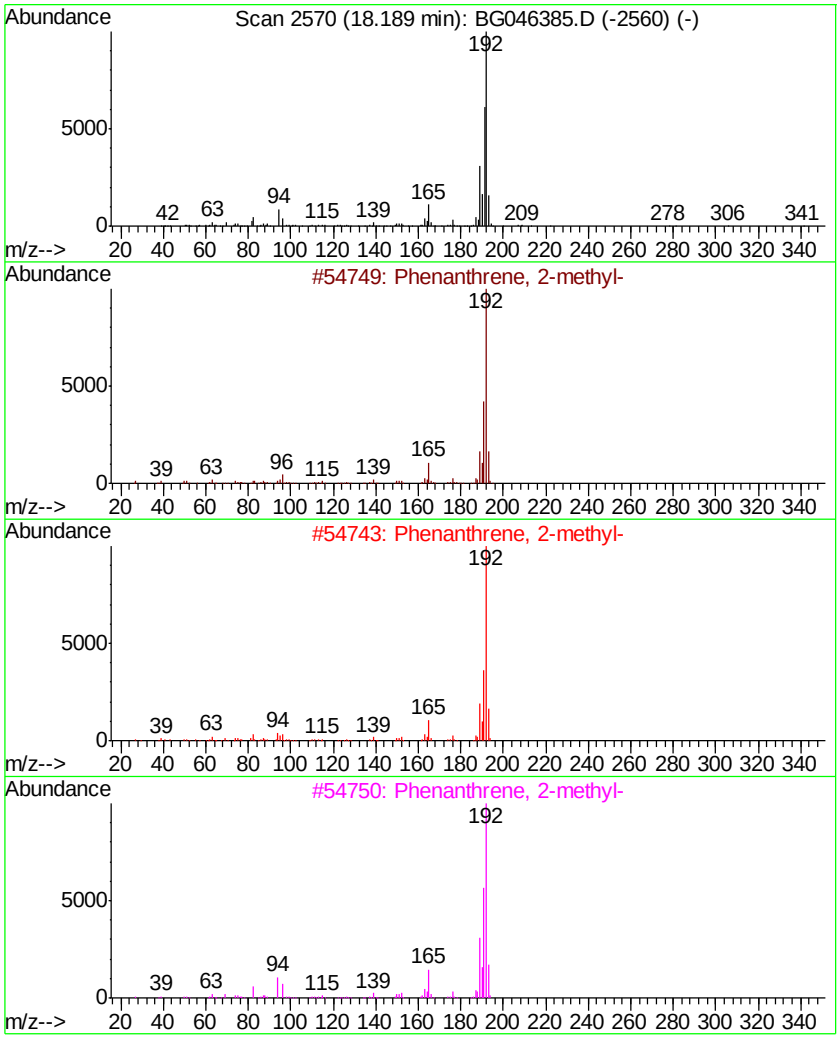
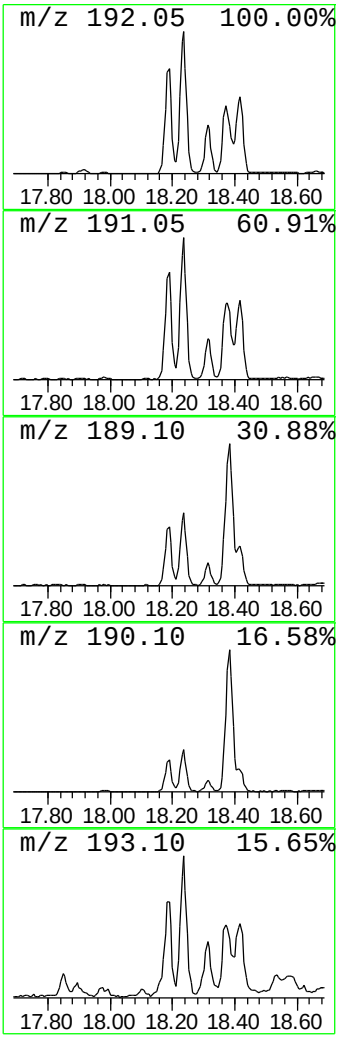
Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	6.43 ng/ul	398431	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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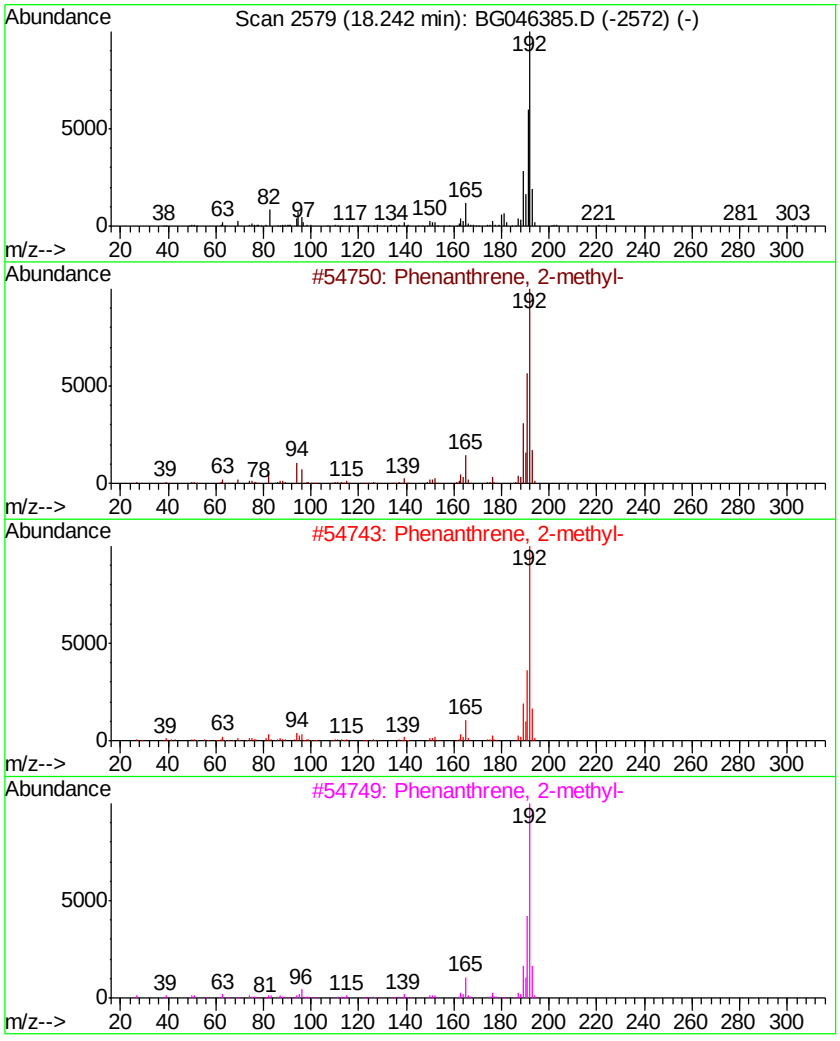
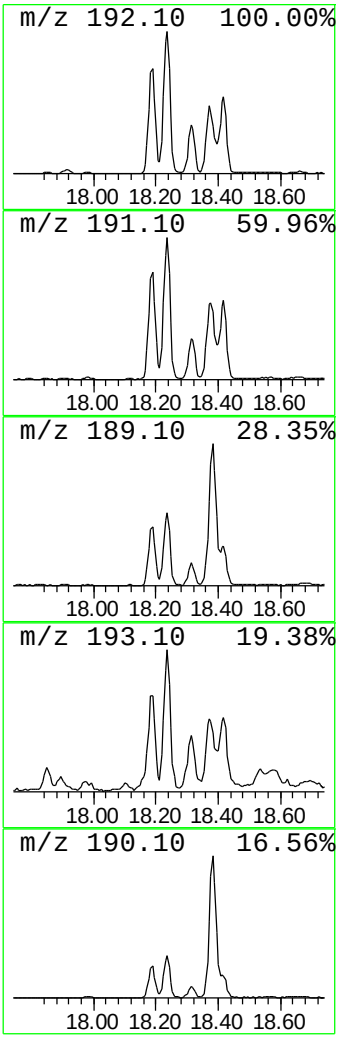
Peak Number 20 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	11.57 ng/ul	716988	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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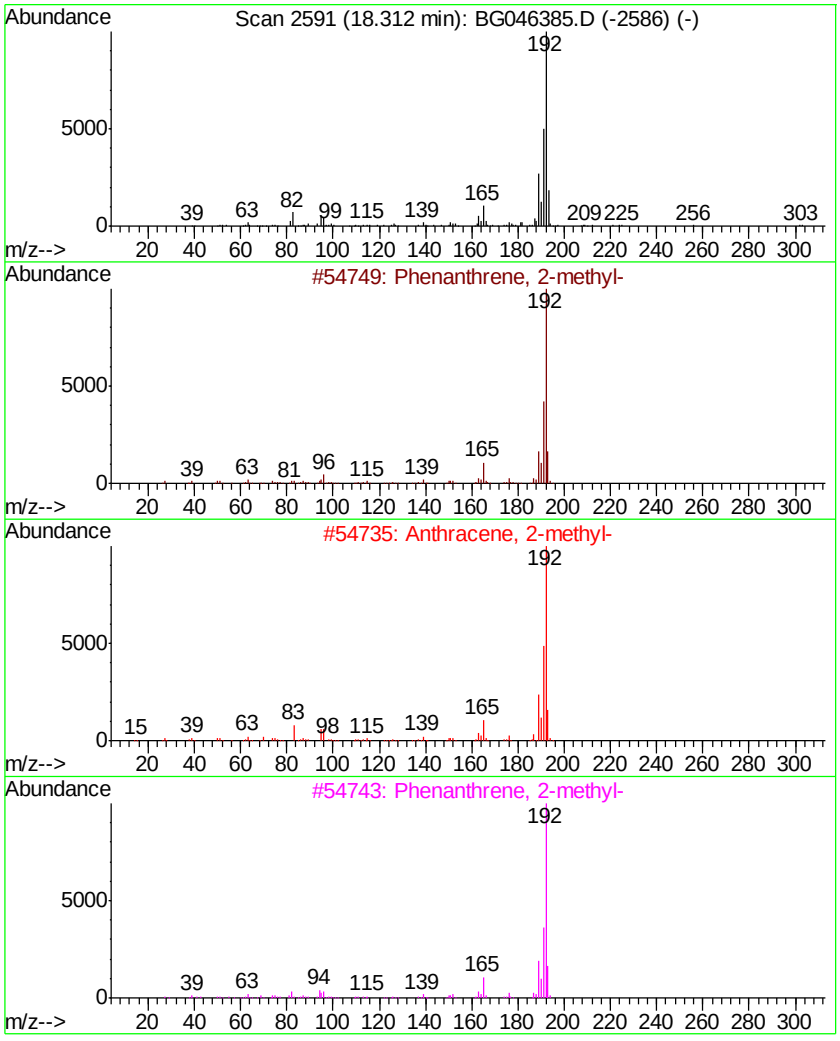
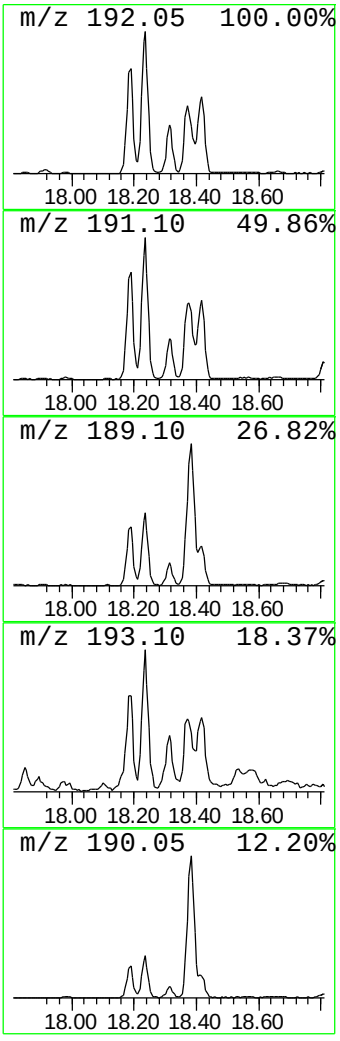
Peak Number 21 Anthracene, 2-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.44 ng/ul	151007	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Sample : L3634-16
Misc :
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Instrument : BNA_G
ClientSampleId : BFMG4

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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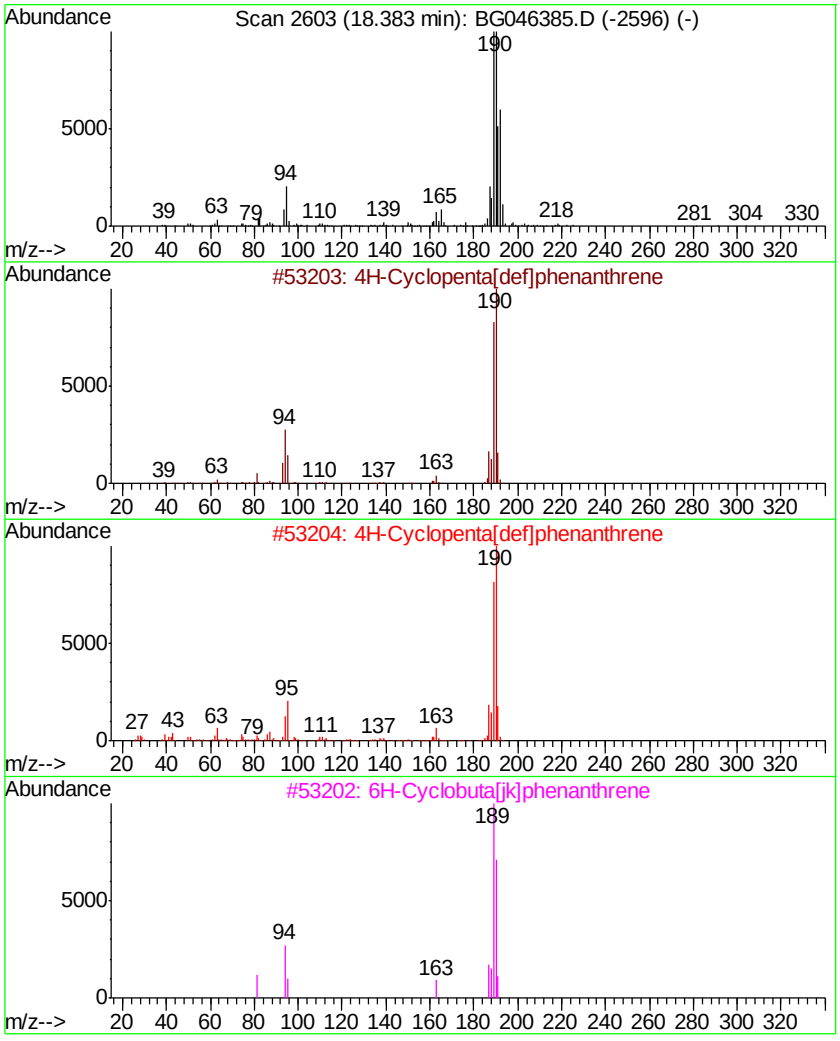
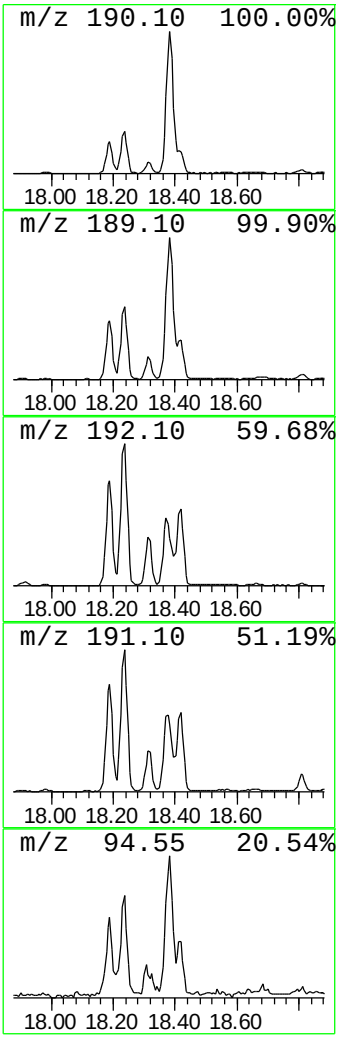
Peak Number 22 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	8.80 ng/ul	544804	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





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Sample : L3634-16
Misc :
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Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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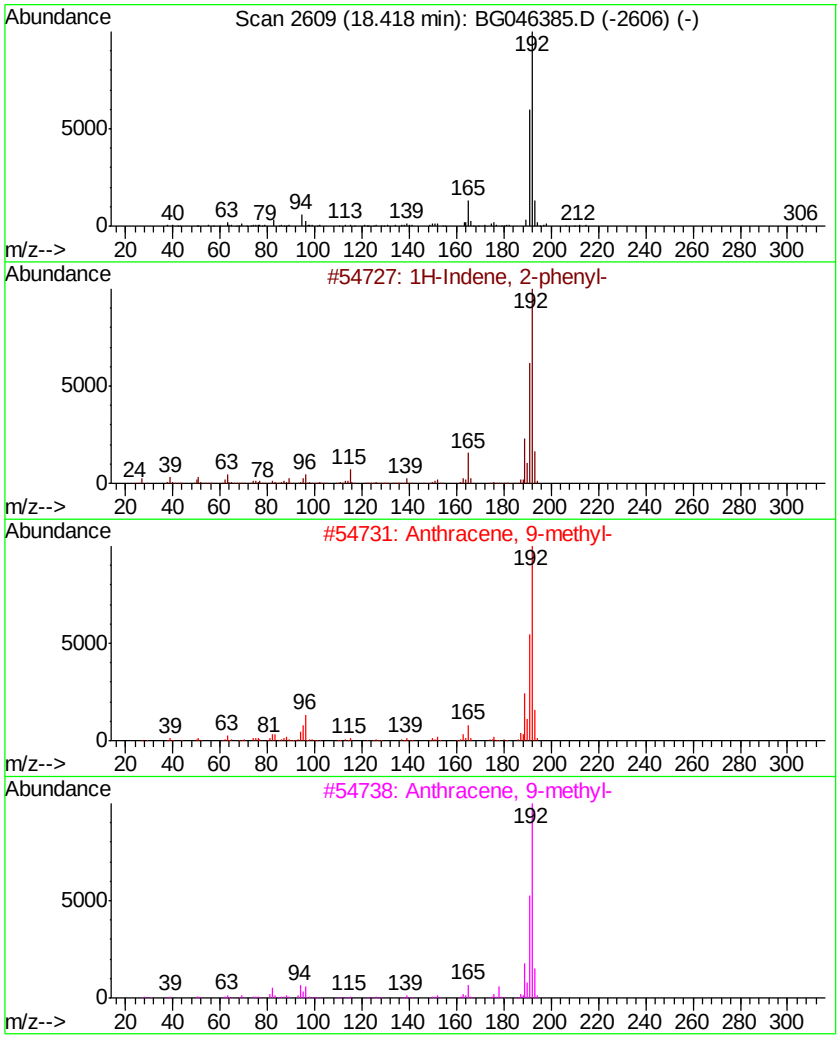
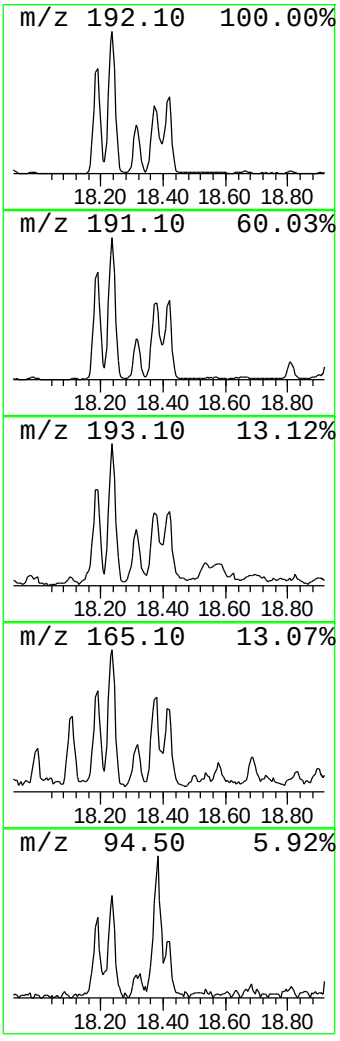
Peak Number 23 1H-Indene, 2-phenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.85 ng/ul	238574	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





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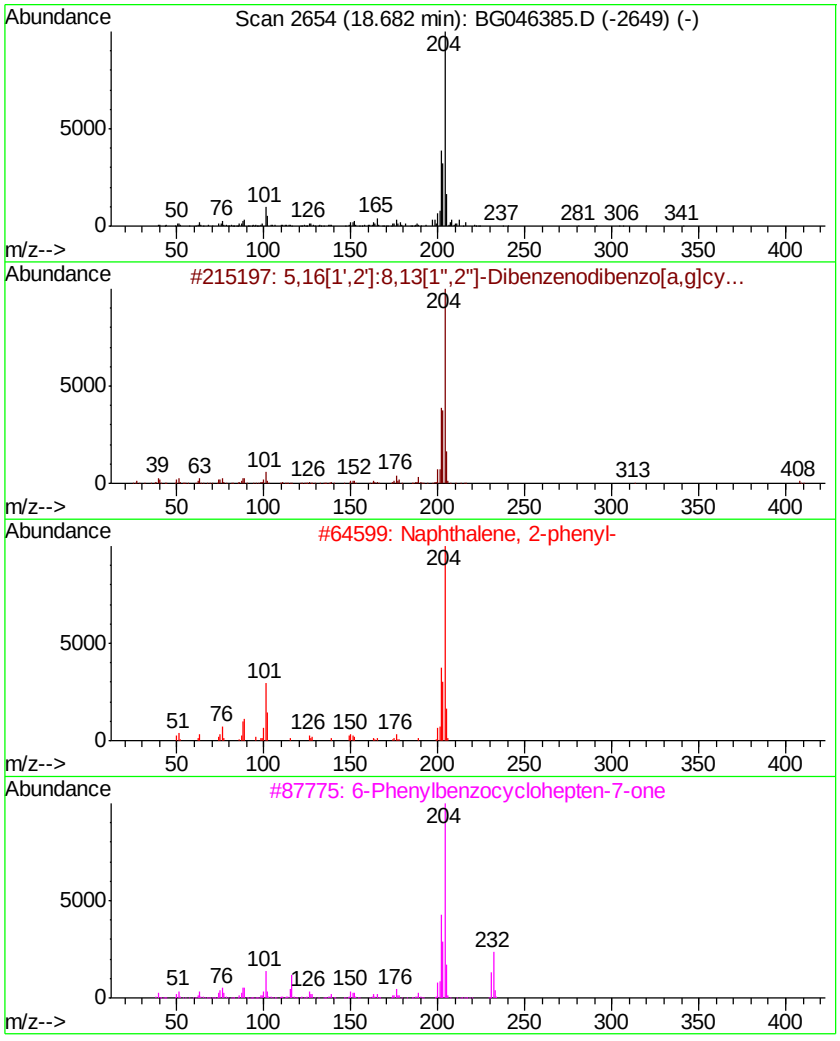
Quant Title : SVOA CALIBRATION

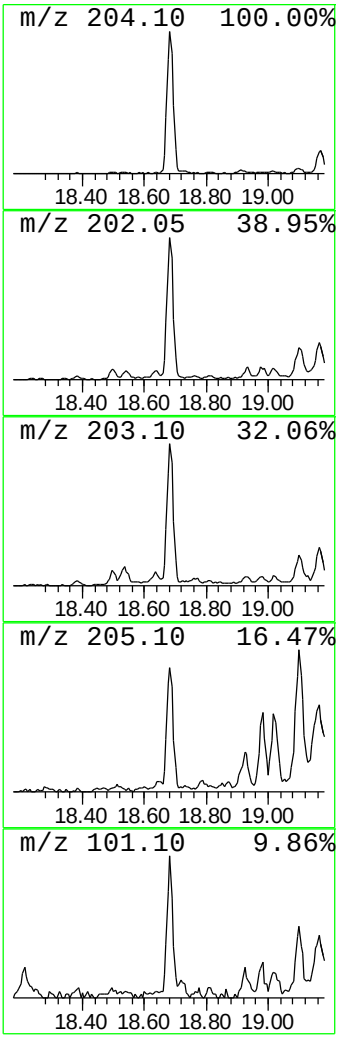
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	4.45 ng/ul	275597	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	74
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Quant Title : SVOA CALIBRATION

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

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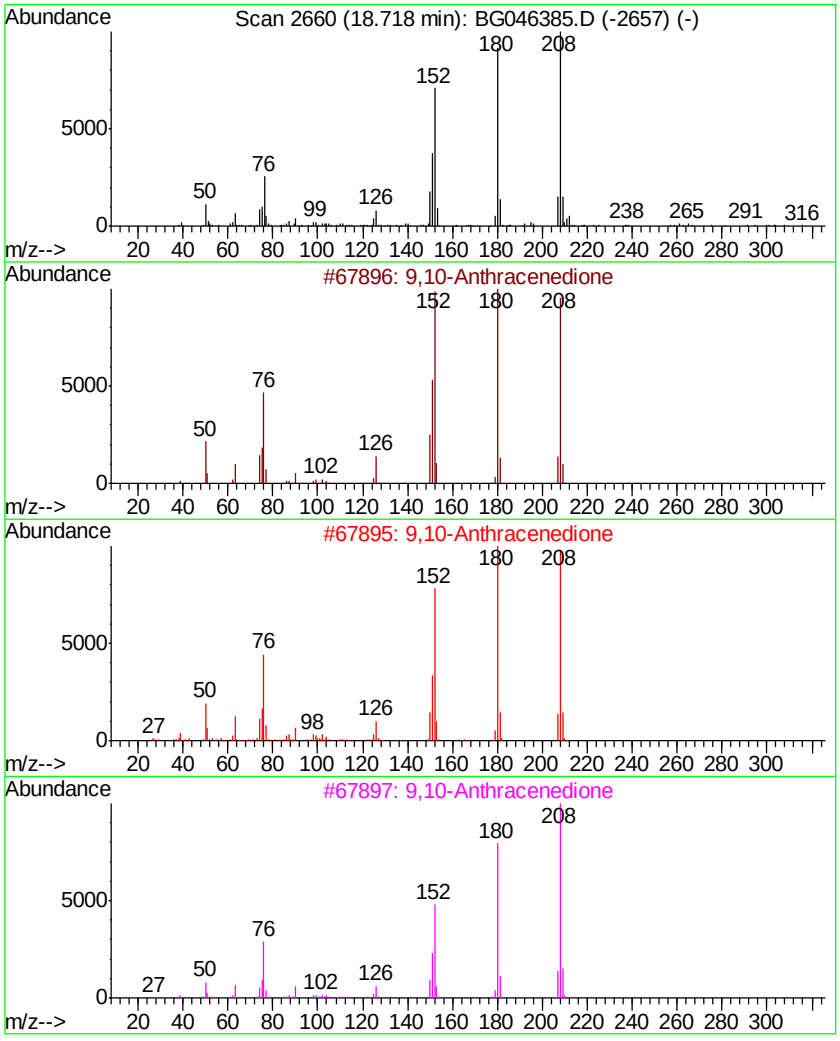
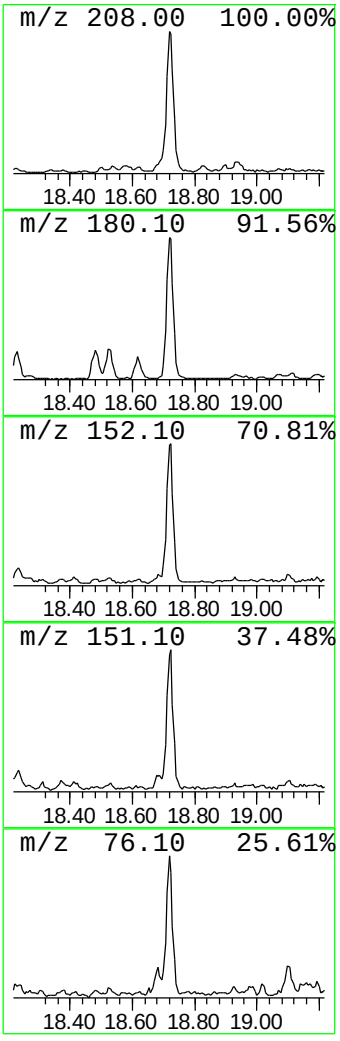
Peak Number 25 9,10-Anthracenedione Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	5.12 ng/ul	317344	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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55





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Quant Title : SVOA CALIBRATION

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

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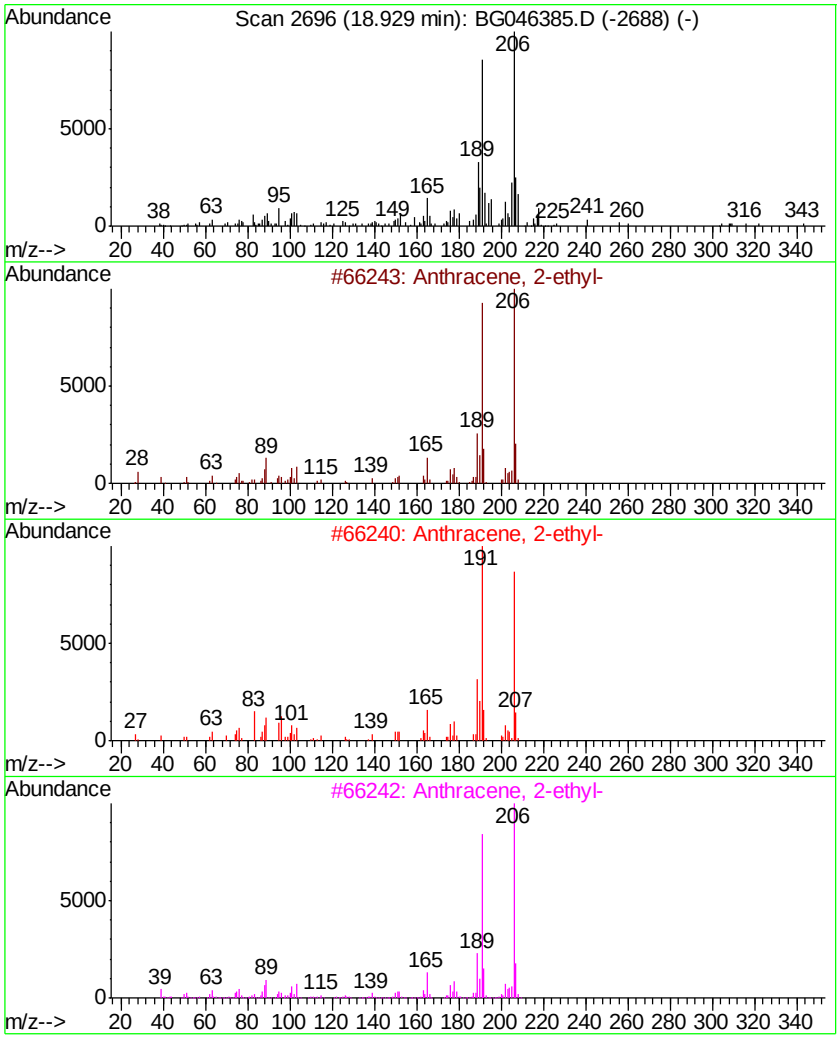
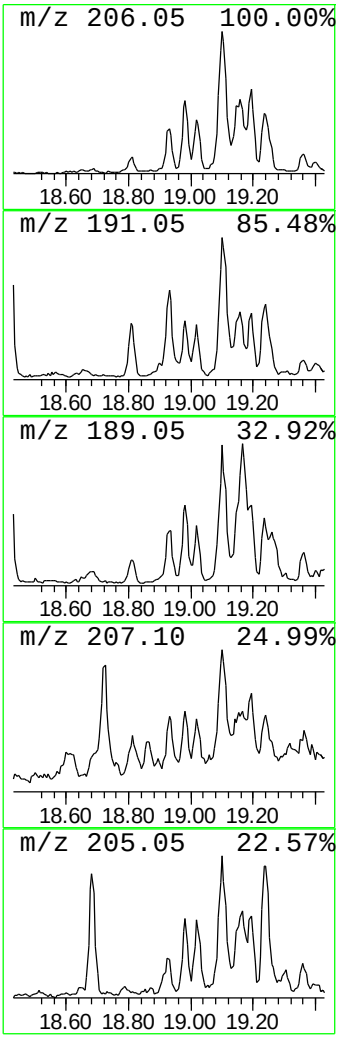
Peak Number 26 Anthracene, 2-ethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.20 ng/ul	136529	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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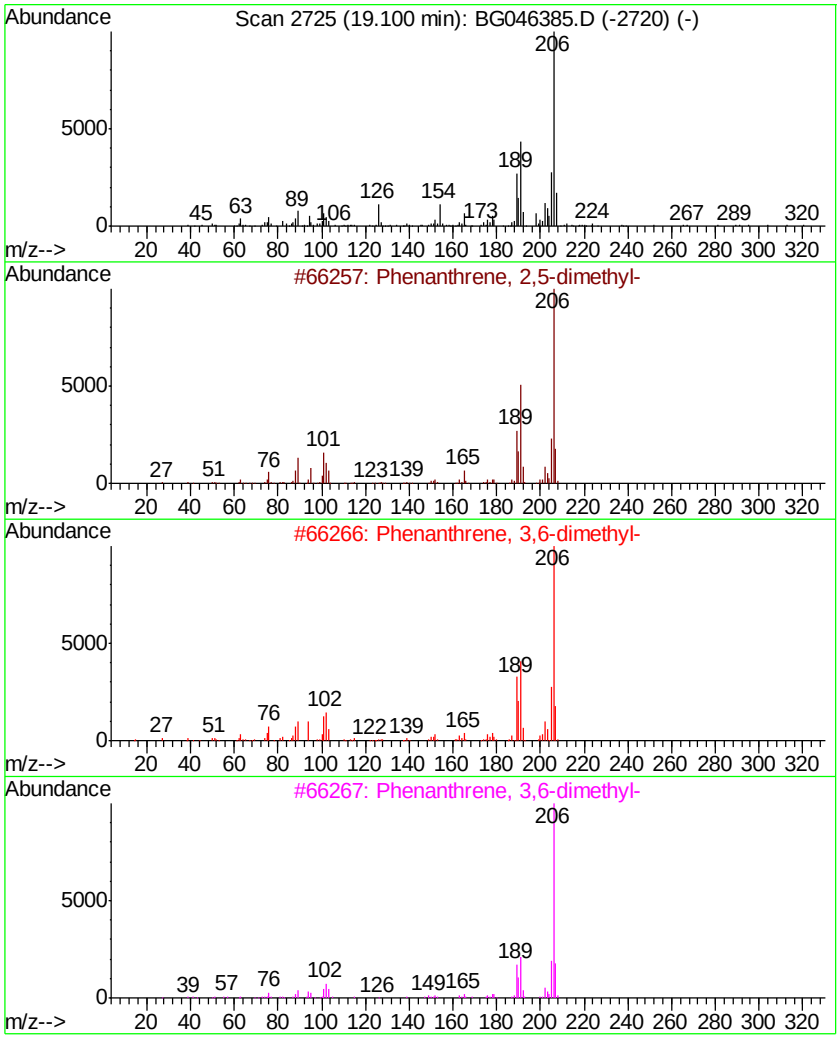
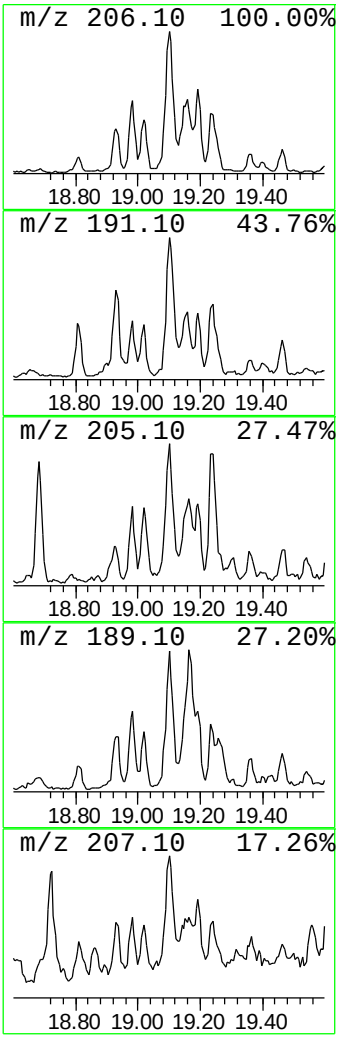
Peak Number 27 Phenanthrene, 2,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	4.94 ng/ul	305893	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Data File : BG046385.D
Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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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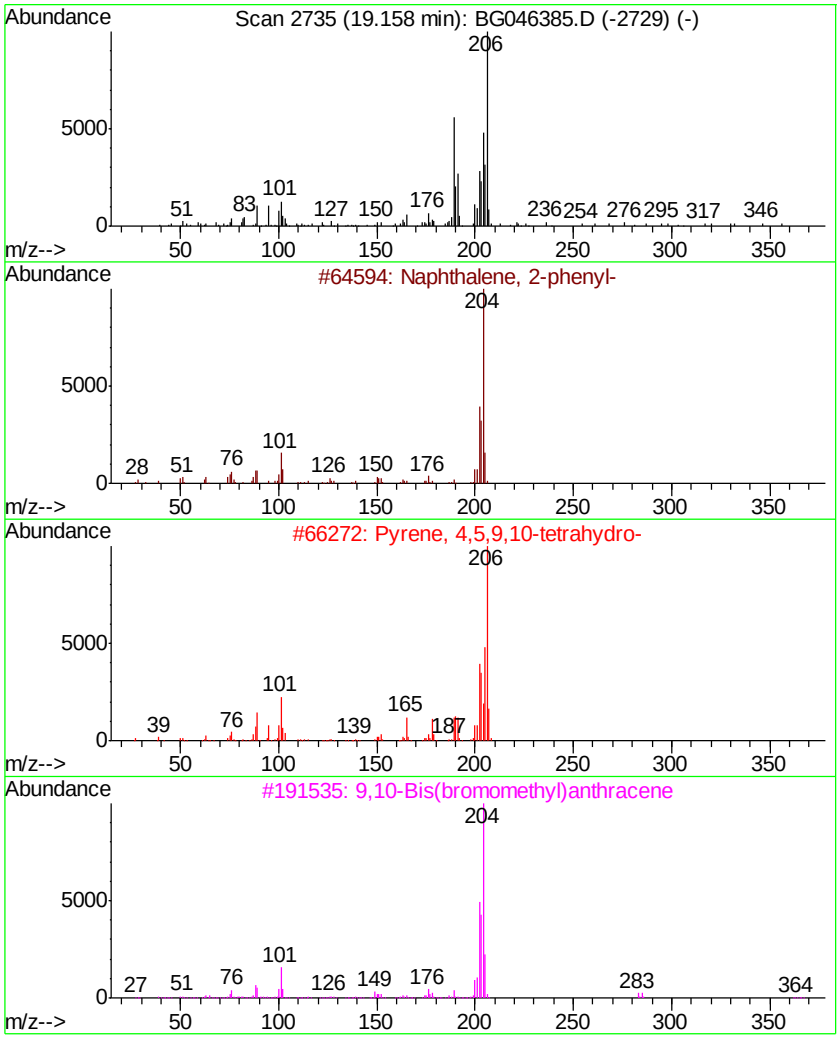
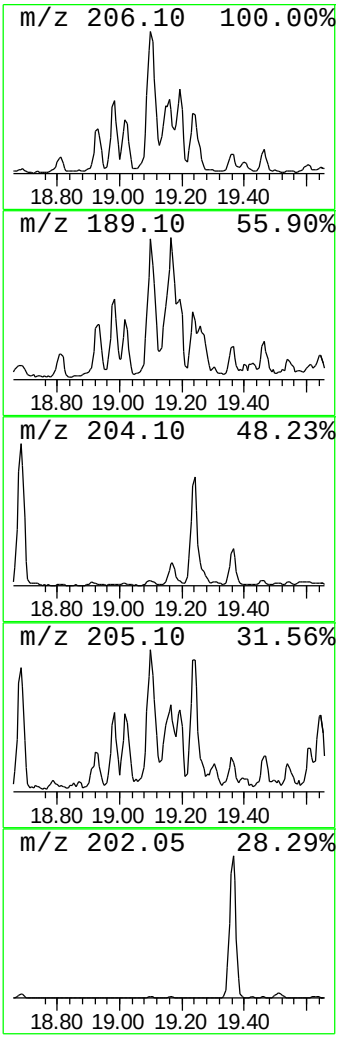
Peak Number 28 unknown-10 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.71 ng/ul	229570	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4	Propanehydrazide, N2-(4-bromo-2-...	260	C9H10BrFN2O	1000272-78-2	35
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30





Library Search Compound Report

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Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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Quant Title : SVOA CALIBRATION

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

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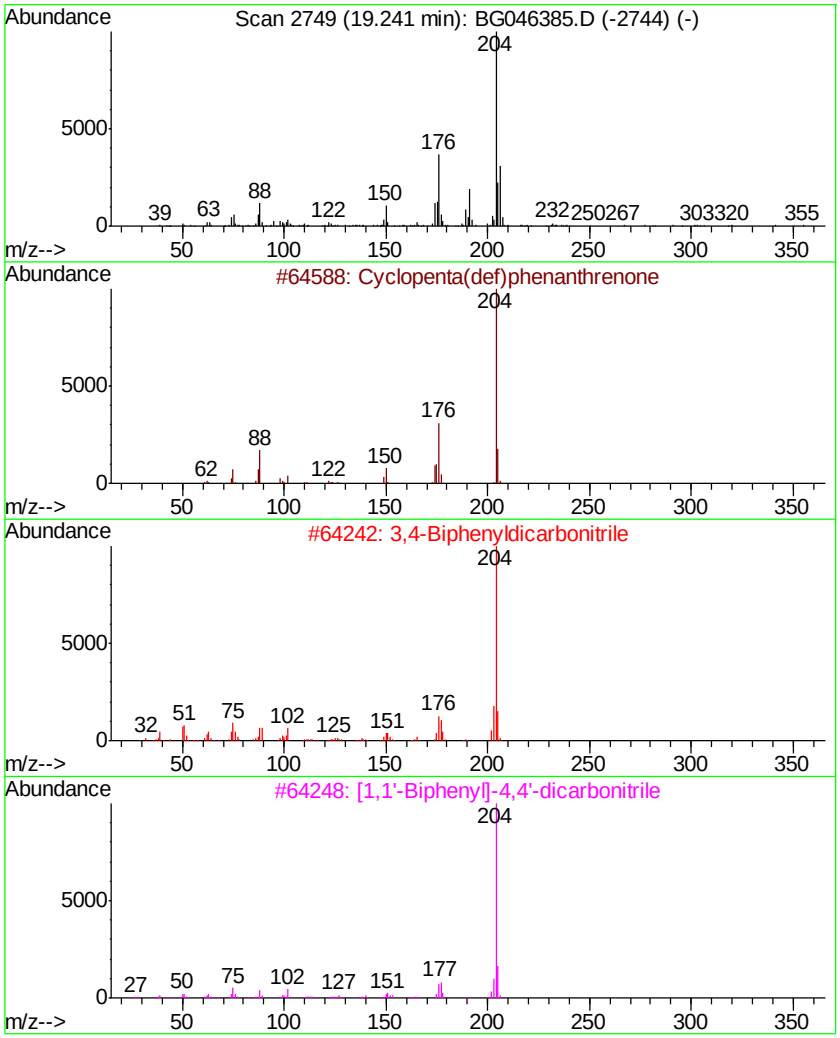
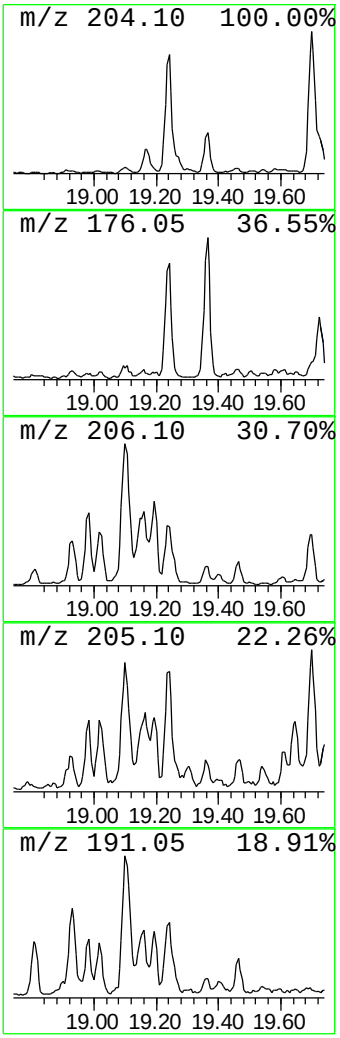
Peak Number 29 Cyclopenta(def)phenanthrenone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	5.08 ng/ul	314467	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47





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Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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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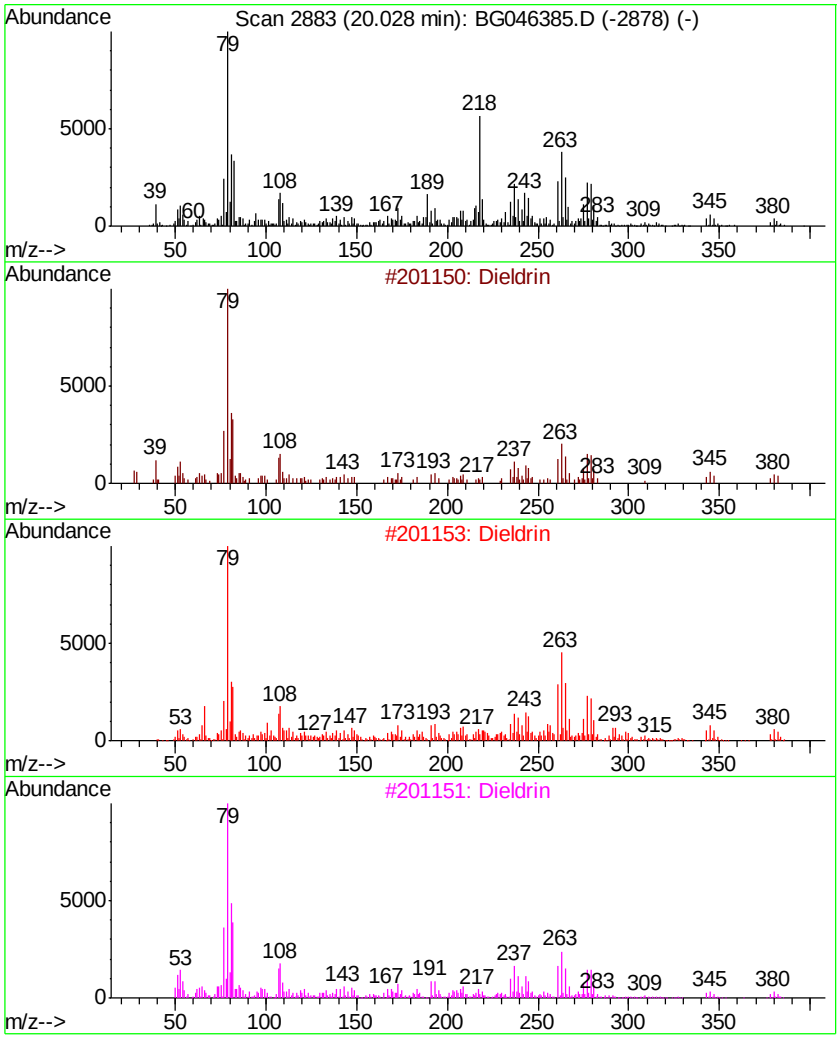
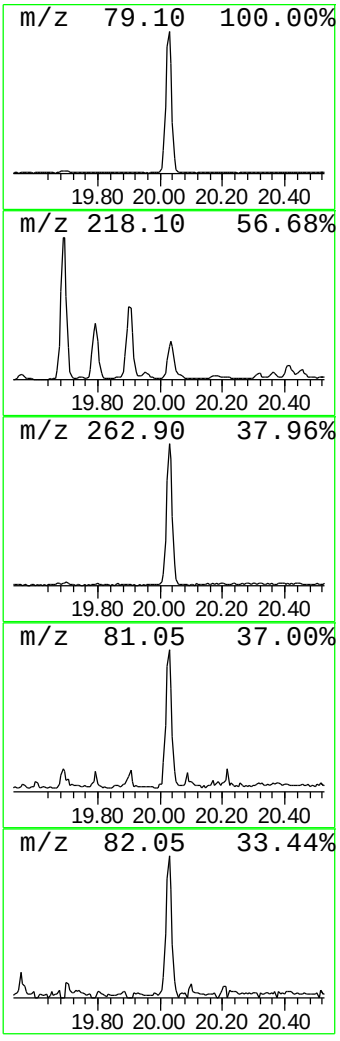
Peak Number 30 Dieldrin Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	7.32 ng/ul	1315740	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	99
2	Dieldrin	378	C12H8Cl6O	000060-57-1	98
3	Dieldrin	378	C12H8Cl6O	000060-57-1	89
4	Dieldrin	378	C12H8Cl6O	000060-57-1	62
5	3-Oxabicyclo[3.3.0]oct-7-en-2-on...	138	C8H10O2	1000155-62-4	14





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Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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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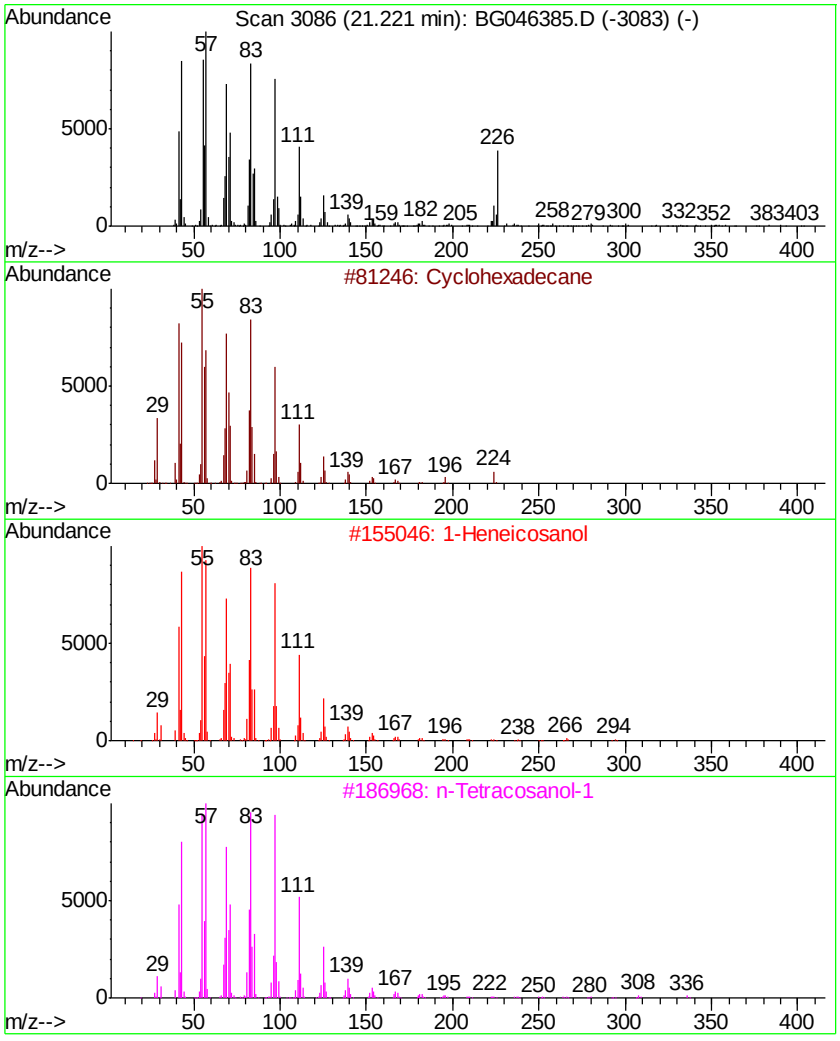
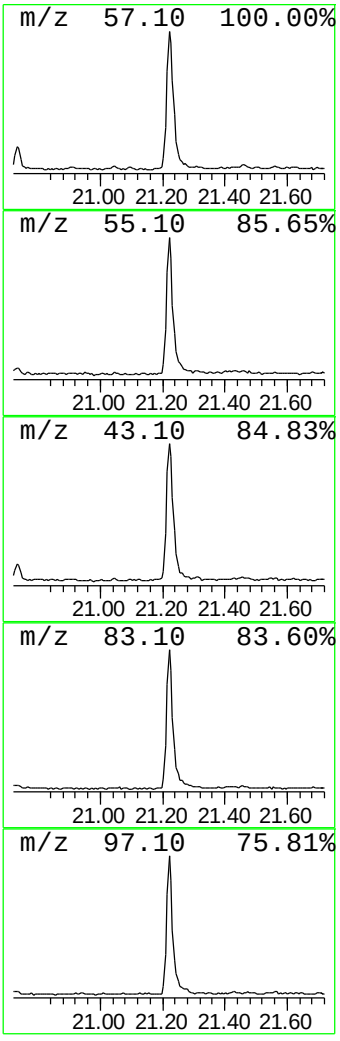
Peak Number 36 (DEL) Alkane: Cyclic21.22 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	7.21 ng/ul	1295970	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	89





Library Search Compound Report

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Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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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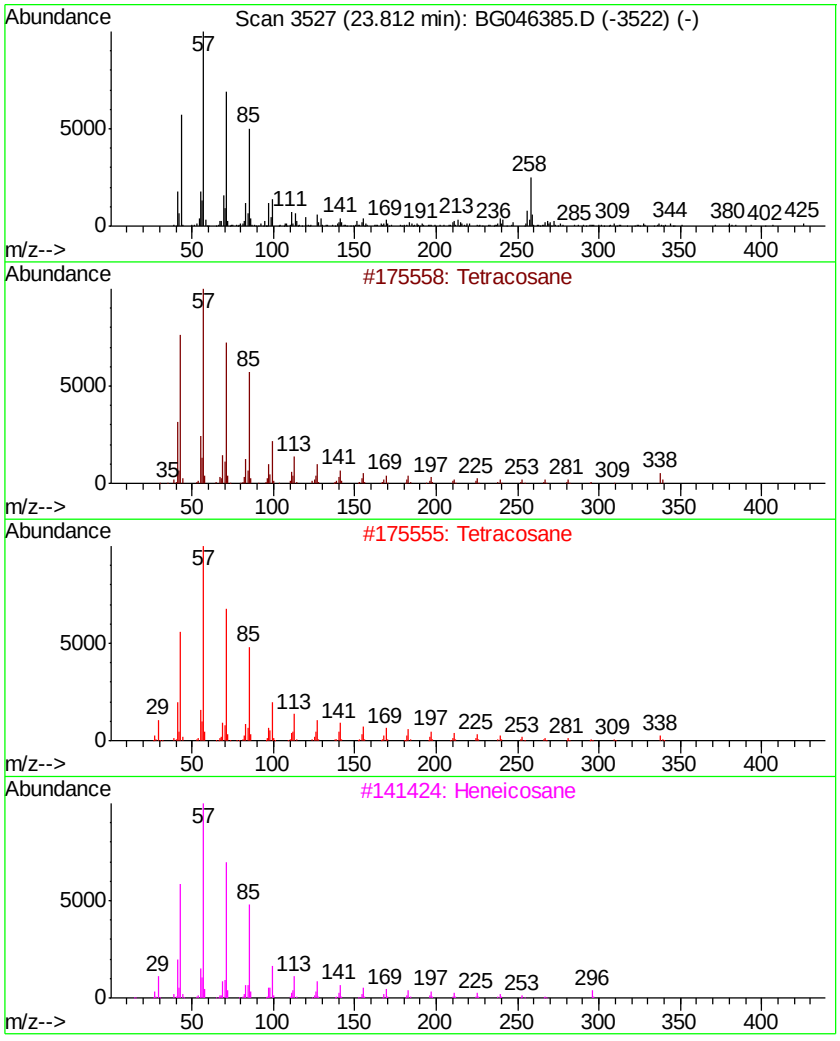
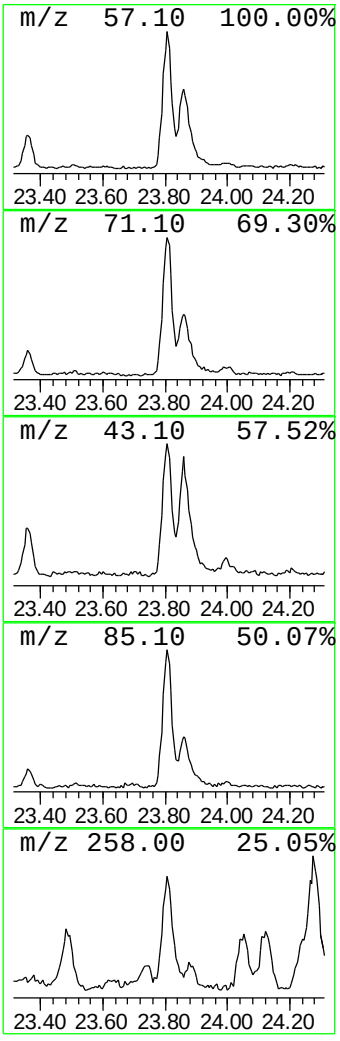
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	3.14 ng/ul	209036	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Tetracosane	338	C24H50	000646-31-1	70
3	Heneicosane	296	C21H44	000629-94-7	70
4	Heneicosane	296	C21H44	000629-94-7	70
5	Tetracosane	338	C24H50	000646-31-1	68





Library Search Compound Report

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Data File : BG046385.D
Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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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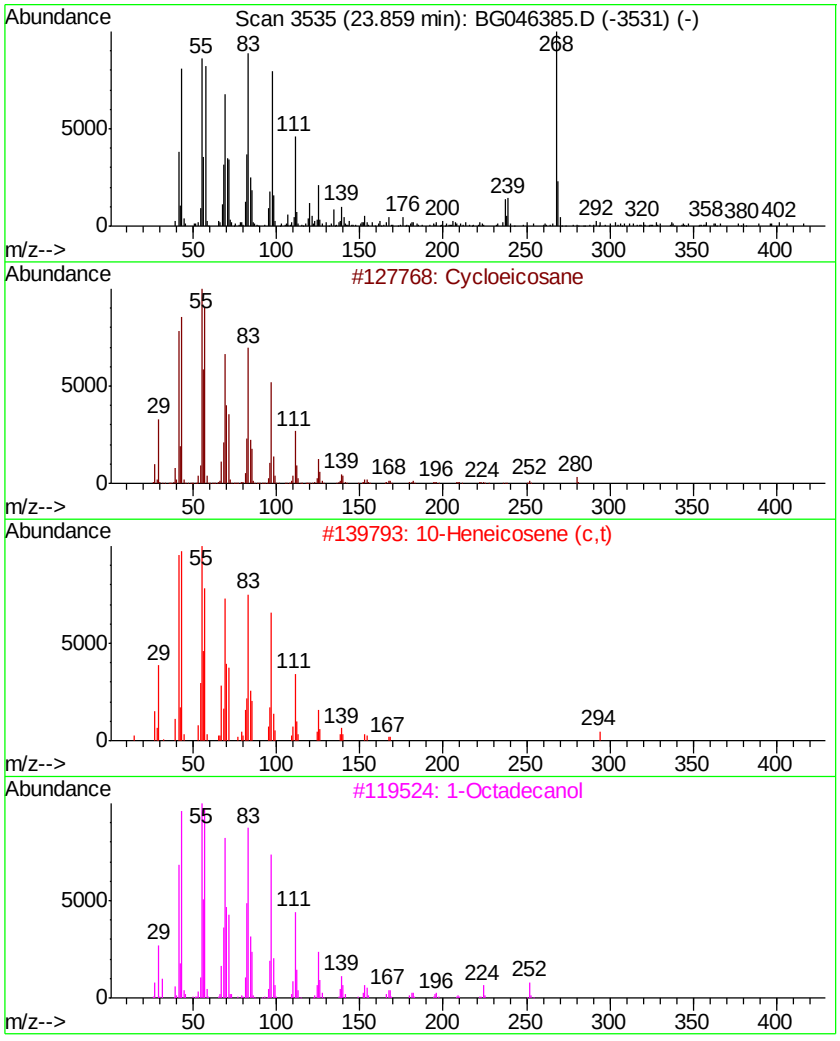
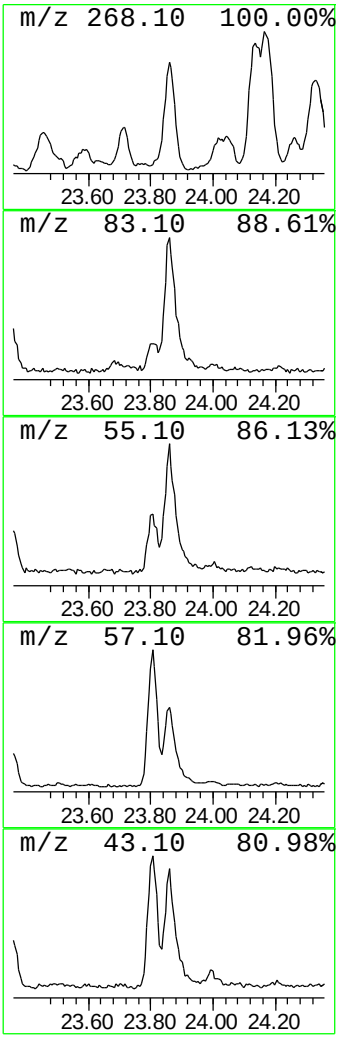
Peak Number 40 (DEL) Alkane: Cyclic23.86 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	6.13 ng/ul	407880	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	91
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	83
3	1-Octadecanol	270	C18H38O	000112-92-5	64
4	1-Nonadecene	266	C19H38	018435-45-5	64
5	Behenic alcohol	326	C22H46O	000661-19-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

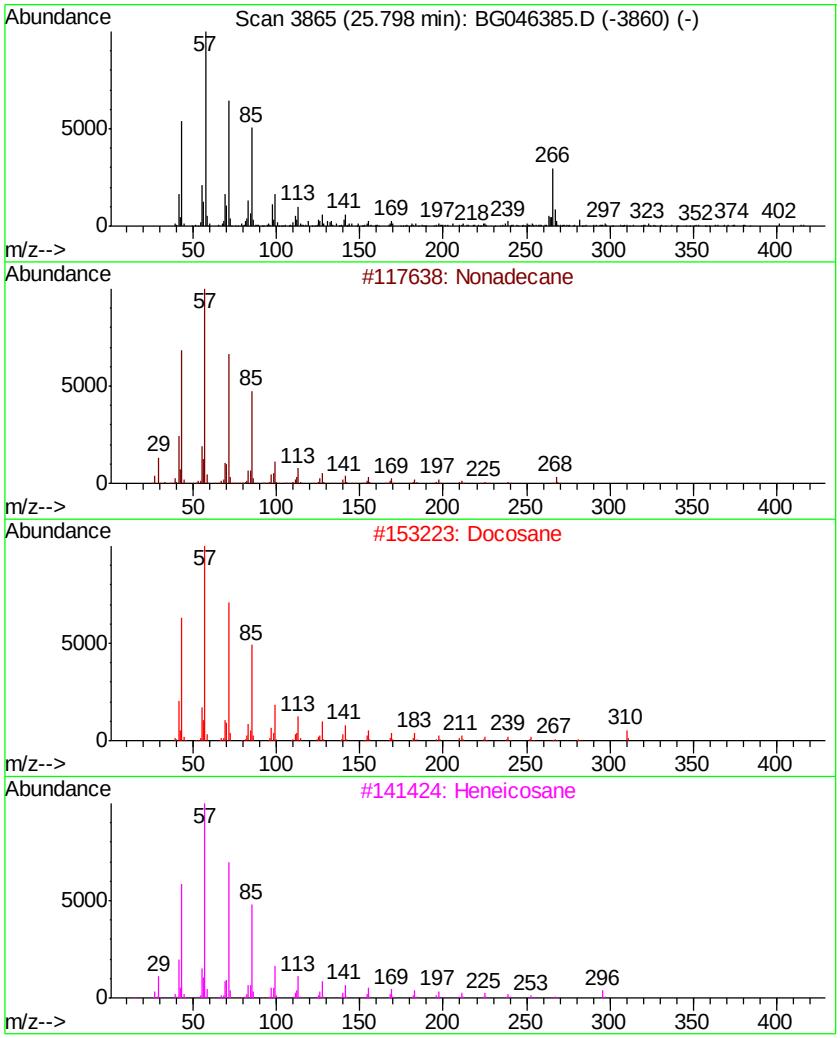
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

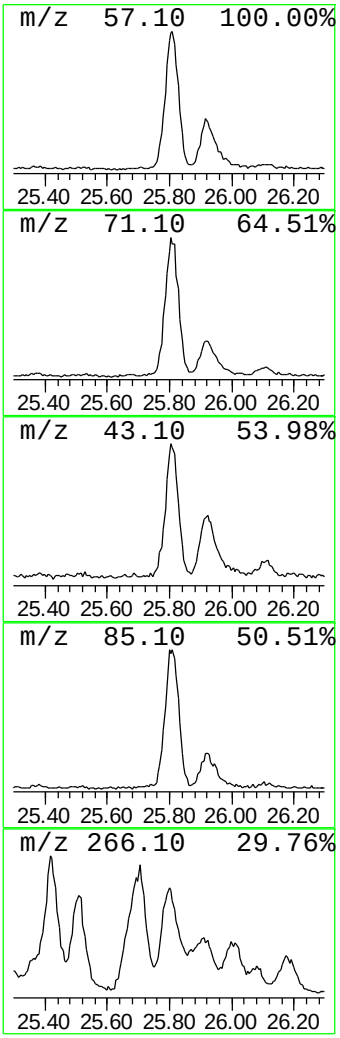
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	8.61 ng/ul	572852	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	Docosane	310	C22H46	000629-97-0	97
3	Heneicosane	296	C21H44	000629-94-7	97
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
5	Octacosane	394	C28H58	000630-02-4	95





Library Search Compound Report

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Data File : BG046385.D
Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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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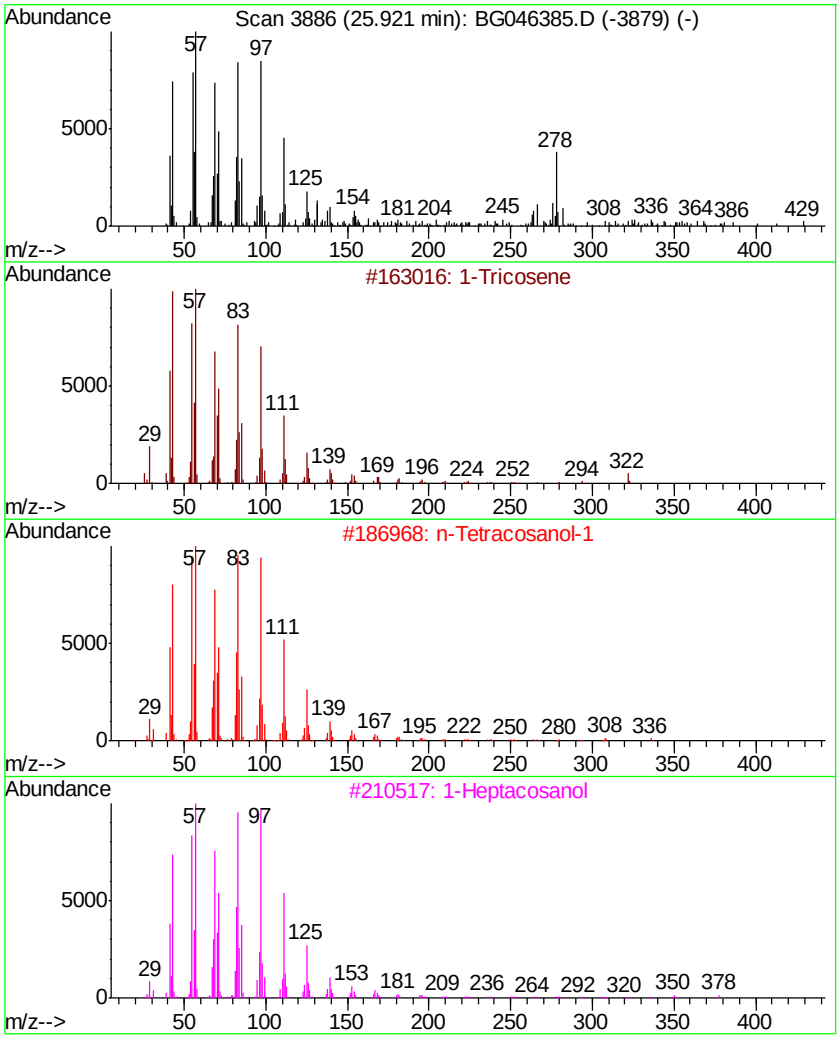
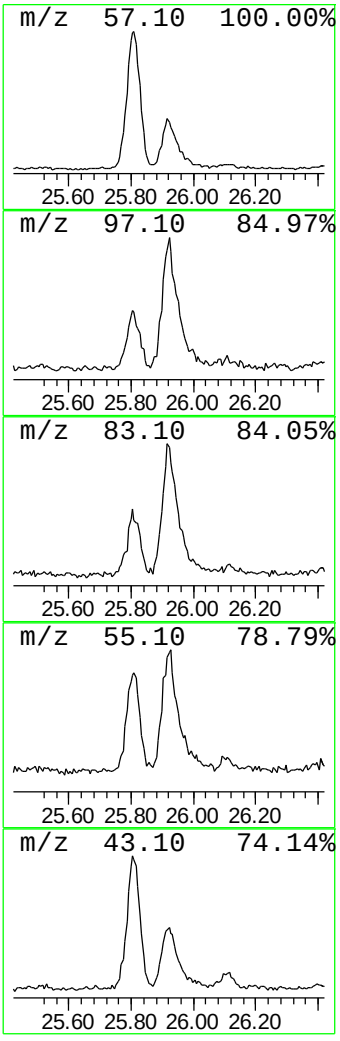
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.92	5.65 ng/ul	375867	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	99
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	93
4	Cyclotetracosane	336	C24H48	000297-03-0	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Tentatively Identified Compound (LSC) summary

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Data File : BG046385.D
Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG4

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	99.8	ng/ul	2083110	1	7.94	417280	20.0
unknown-01	3.92	3.5	ng/ul	73313	1	7.94	417280	20.0
4H-Imidazol-4-one...	7.11	22.2	ng/ul	463795	1	7.94	417280	20.0
unknown-02	7.27	16.6	ng/ul	345361	1	7.94	417280	20.0
unknown-03	7.47	22.2	ng/ul	463511	1	7.94	417280	20.0
unknown-04	8.65	27.4	ng/ul	570760	1	7.94	417280	20.0
1H-Imidazole, 4-m...	9.09	21.9	ng/ul	456022	1	7.94	417280	20.0
unknown-05	9.82	12.0	ng/ul	390291	2	10.73	648400	20.0
unknown-06	10.86	13.6	ng/ul	441925	2	10.73	648400	20.0
unknown-07	13.97	21.6	ng/ul	1060510	3	14.57	979801	20.0
Dimethyl phthalate	14.02	5.3	ng/ul	261919	3	14.57	979801	20.0
unknown-08	14.76	7.8	ng/ul	381129	3	14.57	979801	20.0
Dibenzofuran	14.96	2.9	ng/ul	142304	3	14.57	979801	20.0
unknown-09	15.67	9.3	ng/ul	454290	3	14.57	979801	20.0
9H-Fluoren-9-one	16.96	3.0	ng/ul	184219	4	17.31	1238880	20.0
2,4,6-Trimethoxyb...	17.04	2.3	ng/ul	143206	4	17.31	1238880	20.0
Dibenzothiophene	17.13	2.3	ng/ul	140138	4	17.31	1238880	20.0
5H-Indeno[1,2-b]p...	17.71	4.3	ng/ul	267387	4	17.31	1238880	20.0
Phenanthrene, 2-m...	18.19	6.4	ng/ul	398431	4	17.31	1238880	20.0
Anthracene, 9-met...	18.24	11.6	ng/ul	716988	4	17.31	1238880	20.0
Anthracene, 2-met...	18.31	2.4	ng/ul	151007	4	17.31	1238880	20.0
4H-Cyclopenta[def...	18.38	8.8	ng/ul	544804	4	17.31	1238880	20.0
1H-Indene, 2-phenyl-	18.42	3.9	ng/ul	238574	4	17.31	1238880	20.0
5,16[1',2']:8,13[...	18.68	4.5	ng/ul	275597	4	17.31	1238880	20.0
9,10-Anthracenedione	18.72	5.1	ng/ul	317344	4	17.31	1238880	20.0
Anthracene, 2-ethyl-	18.93	2.2	ng/ul	136529	4	17.31	1238880	20.0
Phenanthrene, 2,5...	19.10	4.9	ng/ul	305893	4	17.31	1238880	20.0
unknown-10	19.16	3.7	ng/ul	229570	4	17.31	1238880	20.0
Cyclopenta(def)ph...	19.24	5.1	ng/ul	314467	4	17.31	1238880	20.0
Dieldrin	20.03	7.3	ng/ul	1315740	5	21.56	3592620	20.0
(DEL) Alkane: Cyc...	21.22	7.2	ng/ul	1295970	5	21.56	3592620	20.0
(DEL) Alkane: Str...	23.81	3.1	ng/ul	209036	6	24.67	1331270	20.0
(DEL) Alkane: Cyc...	23.86	6.1	ng/ul	407880	6	24.67	1331270	20.0
(DEL) Alkane: Str...	25.80	8.6	ng/ul	572852	6	24.67	1331270	20.0
(DEL) Alkane: Str...	25.92	5.7	ng/ul	375867	6	24.67	1331270	20.0