LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046346.D
Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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	3.144	4	9	28	rVB	1433396	2245108	67.16%	4.294%
2	3.396	48	52	59	rBV2	20391	31102	0.93%	0.059%
3	3.913	135	140	149	rBV	51777	76329	2.28%	0.146%
4	7.109	675	684	694	rBV	387690	697347	20.86%	1.334%
5	7.262	703	710	719	rBV	312126	523092	15.65%	1.001%
6	7.474	739	746	752	rBV	412078	698888	20.91%	1.337%
7	7.533	752	756	761	rVV	35295	54627	1.63%	0.104%
8	7.938	818	825	834	rVB	272696	445312	13.32%	0.852%
9	8.643	938	945	955	rBV	466114	808215	24.18%	1.546%
10	9.090	1007	1021	1032	rBV	383523	685027	20.49%	1.310%
11	9.812	1133	1144	1160	rBV	321989	587108	17.56%	1.123%
12	10.359	1229	1237	1252	rBV	530885	951068	28.45%	1.819%
13	10.735	1293	1301	1307	rBV	389867	685104	20.49%	1.310%
14	10.864	1316	1323	1343	rBV	304576	602419	18.02%	1.152%
15	12.392	1577	1583	1591	rBV	14497	24088	0.72%	0.046%
16	13.849	1826	1831	1835	rBV3	22702	36715	1.10%	0.070%
17	13.890	1835	1838	1843	rVV2	19546	29339	0.88%	0.056%
18	13.972	1843	1852	1856	rVV	958179	1396312	41.77%	2.671%
19	14.019	1856	1860	1866	rVV	373110	524613	15.69%	1.003%
20	14.260	1892	1901	1917	rBV	1146411	1874765	56.08%	3.586%
21	14.565	1946	1953	1960	rBV	647654	999782	29.91%	1.912%
22	14.630	1960	1964	1971	rVB2	24627	41275	1.23%	0.079%
23	14.759	1980	1986	1997	rBV	274271	488331	14.61%	0.934%
24	14.971	2017	2022	2029	rVB2	25451	46180	1.38%	0.088%
25	15.188	2052	2059	2062	rBV6	13749	25348	0.76%	0.048%
26	15.558	2115	2122	2128	rBV	1523343	2283272	68.30%	4.367%
27	15.611	2128	2131	2136	rVV3	47366	65075	1.95%	0.124%
28	15.676	2136	2142	2150	rVV	323839	493686	14.77%	0.944%
29	15.793	2156	2162	2166	rBV3	18126	32901	0.98%	0.063%
30	15.911	2177	2182	2191	rVB	22974	43781	1.31%	0.084%
31	16.058	2202	2207	2214	rVB2	21362	44834	1.34%	0.086%
32	16.287	2241	2246	2254	rVV9	25426	56440	1.69%	0.108%
33	16.622	2291	2303	2308	rBV7	18224	62605	1.87%	0.120%
34	16.851	2333	2342	2345	rBV3	25408	51040	1.53%	0.098%

LSC Area Percent Report

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Sample : L3633-20
Misc :
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Instrument : BNA_G
ClientSampleId : BFME8

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	16.963	2356	2361	2369	rVB2	43171	86147	2.58%	0.165%
36	17.045	2369	2375	2379	rBV4	20665	50426	1.51%	0.096%
37	17.127	2386	2389	2396	rVB	30066	52451	1.57%	0.100%
38	17.309	2411	2420	2424	rBV	810114	1263357	37.79%	2.417%
39	17.350	2424	2427	2432	rVV	577782	817730	24.46%	1.564%
40	17.409	2432	2437	2447	rVB2	1517555	2413194	72.19%	4.616%
41	17.497	2448	2452	2458	rVB4	21322	37598	1.12%	0.072%
42	17.621	2470	2473	2479	rVB3	18164	25279	0.76%	0.048%
43	17.709	2480	2488	2492	rBV2	43029	79094	2.37%	0.151%
44	17.826	2504	2508	2514	rVB3	34204	52990	1.59%	0.101%
45	17.891	2515	2519	2528	rVB5	33219	59921	1.79%	0.115%
46	18.185	2565	2569	2571	rBV	124743	169655	5.08%	0.325%
47	18.214	2571	2574	2575	rVV	156599	199570	5.97%	0.382%
48	18.232	2575	2577	2582	rVB	202422	246653	7.38%	0.472%
49	18.314	2587	2591	2596	rVB2	35819	56196	1.68%	0.107%
50	18.379	2596	2602	2606	rBV2	178600	340785	10.19%	0.652%
51	18.414	2606	2608	2616	rVB	105325	133989	4.01%	0.256%
52	18.508	2620	2624	2627	rBV3	20372	32174	0.96%	0.062%
53	18.678	2649	2653	2656	rVV	121726	169443	5.07%	0.324%
54	18.719	2656	2660	2666	rVB	121856	179374	5.37%	0.343%
55	18.931	2692	2696	2700	rVB2	44060	55885	1.67%	0.107%
56	18.984	2700	2705	2707	rBV	39126	50763	1.52%	0.097%
57	19.013	2707	2710	2715	rVB	43738	59619	1.78%	0.114%
58	19.101	2719	2725	2729	rBV	124319	205745	6.15%	0.394%
59	19.142	2729	2732	2733	rBV2	37797	37658	1.13%	0.072%
60	19.189	2738	2740	2744	rVB	42698	47353	1.42%	0.091%
61	19.236	2744	2748	2757	rVB	116053	200979	6.01%	0.384%
62	19.360	2761	2769	2775	rVB	1461646	2018095	60.37%	3.860%
63	19.424	2776	2780	2783	rBV	39566	56866	1.70%	0.109%
64	19.460	2783	2786	2791	rVB3	32949	40414	1.21%	0.077%
65	19.507	2791	2794	2798	rBV	60977	75267	2.25%	0.144%
66	19.554	2798	2802	2805	rBV2	46977	68804	2.06%	0.132%
67	19.695	2819	2826	2829	rBV	2006499	3342872	100.00%	6.394%
68	19.724	2829	2831	2838	rVB	1425452	1587492	47.49%	3.037%
69	19.795	2839	2843	2847	rBV2	60166	101206	3.03%	0.194%
70	19.900	2857	2861	2866	rVV	64753	98056	2.93%	0.188%
71	19.953	2867	2870	2875	rVB2	52358	78766	2.36%	0.151%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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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Peak separation: 5

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

72	20.041	2880	2885	2893	rBV3	137810	354644	10.61%	0.678%
73	20.182	2904	2909	2910	rBV3	95304	132830	3.97%	0.254%
74	20.212	2910	2914	2918	rVB2	199965	302187	9.04%	0.578%
75	20.312	2927	2931	2935	rBV	102500	133205	3.98%	0.255%
76	20.370	2936	2941	2945	rVV2	172407	264354	7.91%	0.506%
77	20.511	2961	2965	2968	rBV	121728	161718	4.84%	0.309%
78	20.564	2968	2974	2978	rVV3	165545	281982	8.44%	0.539%
79	20.964	3038	3042	3049	rVB	206506	310761	9.30%	0.594%
80	21.146	3066	3073	3076	rBV2	121074	286436	8.57%	0.548%
81	21.187	3077	3080	3082	rVV	141012	186451	5.58%	0.357%
82	21.222	3082	3086	3093	rVV3	671117	1160731	34.72%	2.220%
83	21.287	3094	3097	3105	rVB	157571	278770	8.34%	0.533%
84	21.551	3134	3142	3147	rBV2	1071052	2657205	79.49%	5.083%
85	21.598	3147	3150	3163	rVB	685237	1153859	34.52%	2.207%
86	21.763	3172	3178	3182	rBV4	144657	306422	9.17%	0.586%
87	21.951	3206	3210	3216	rBV3	68400	119648	3.58%	0.229%
88	22.268	3261	3264	3269	rVB	138779	213028	6.37%	0.407%
89	22.368	3272	3281	3289	rBV5	238402	680765	20.36%	1.302%
90	23.361	3446	3450	3460	rVB3	152040	309111	9.25%	0.591%
91	23.684	3496	3505	3512	rBV	545304	1727453	51.68%	3.304%
92	23.808	3521	3526	3530	rBV	240188	446885	13.37%	0.855%
93	23.860	3530	3535	3542	rVB	335144	659280	19.72%	1.261%
94	24.378	3616	3623	3628	rBV	308667	731372	21.88%	1.399%
95	24.454	3629	3636	3642	rVV	966046	2446553	73.19%	4.680%
96	24.519	3643	3647	3659	rVB	462869	1087106	32.52%	2.079%
97	24.660	3663	3671	3678	rBV2	473664	1304891	39.04%	2.496%
98	25.811	3859	3867	3877	rVB	274371	776306	23.22%	1.485%
99	25.917	3879	3885	3908	rVB6	169558	711736	21.29%	1.361%
100	28.173	4261	4269	4287	rVB3	174030	790446	23.65%	1.512%

Sum of corrected areas: 52279129

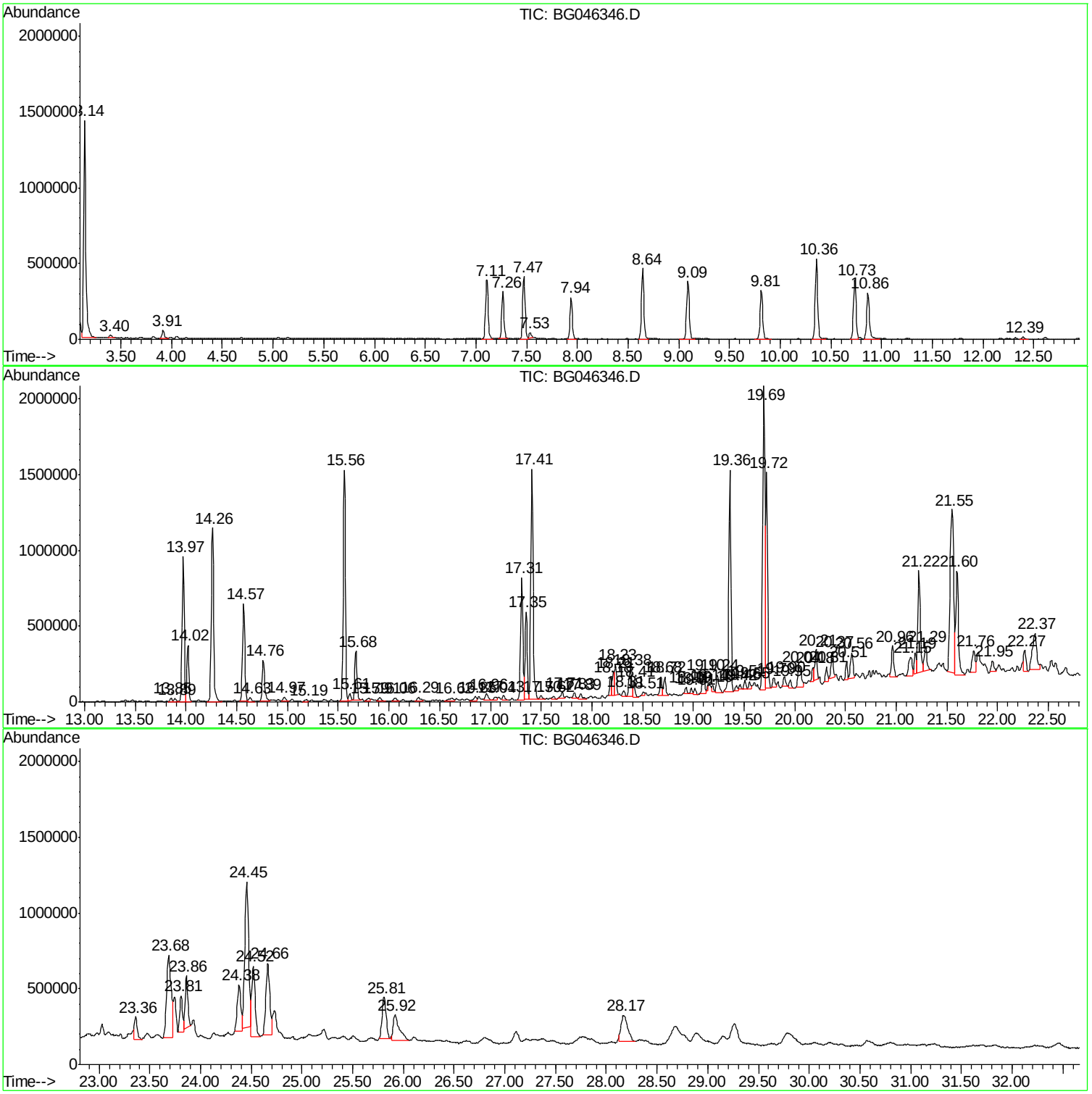
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046346.D
Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Quant Title : SVOA CALIBRATION

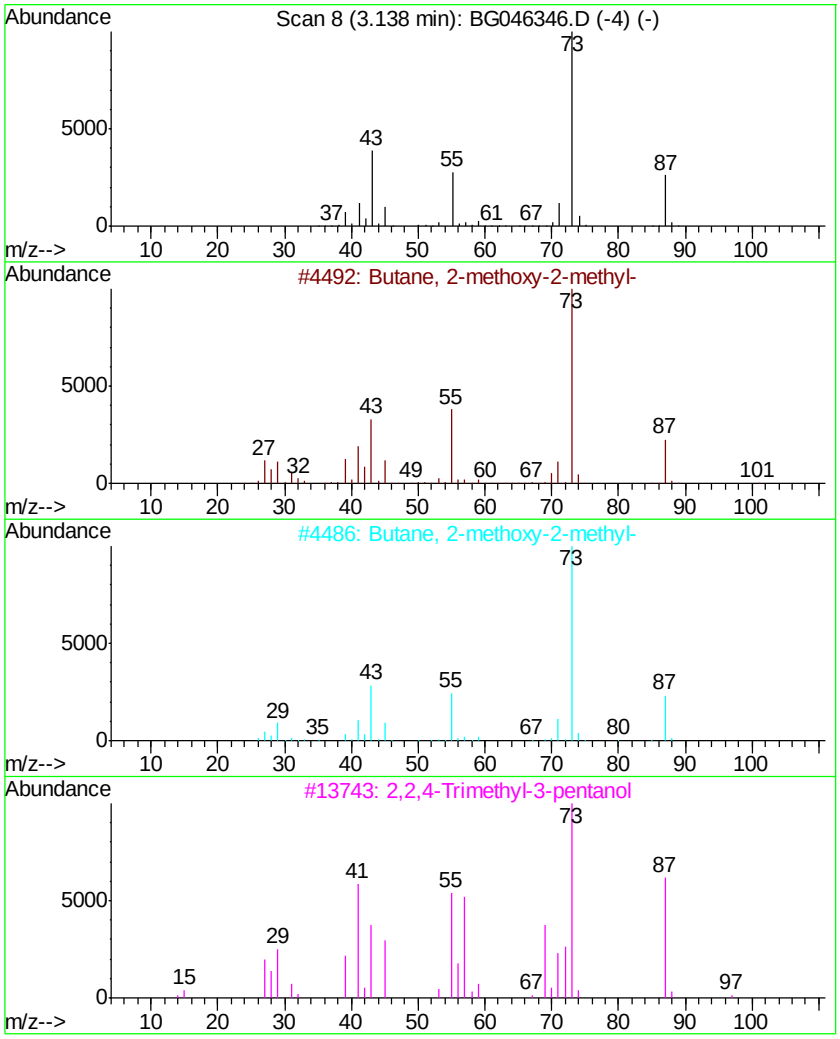
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

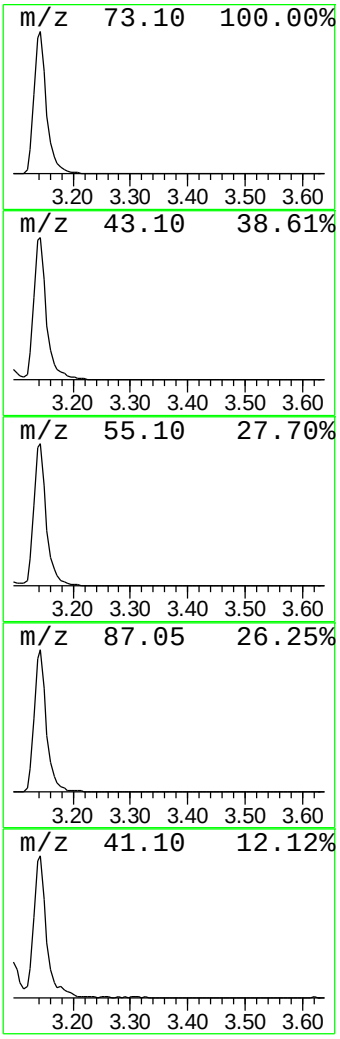
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	100.83 ng/ul	2245110	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





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Instrument : BNA_G
ClientSampleId : BFME8

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

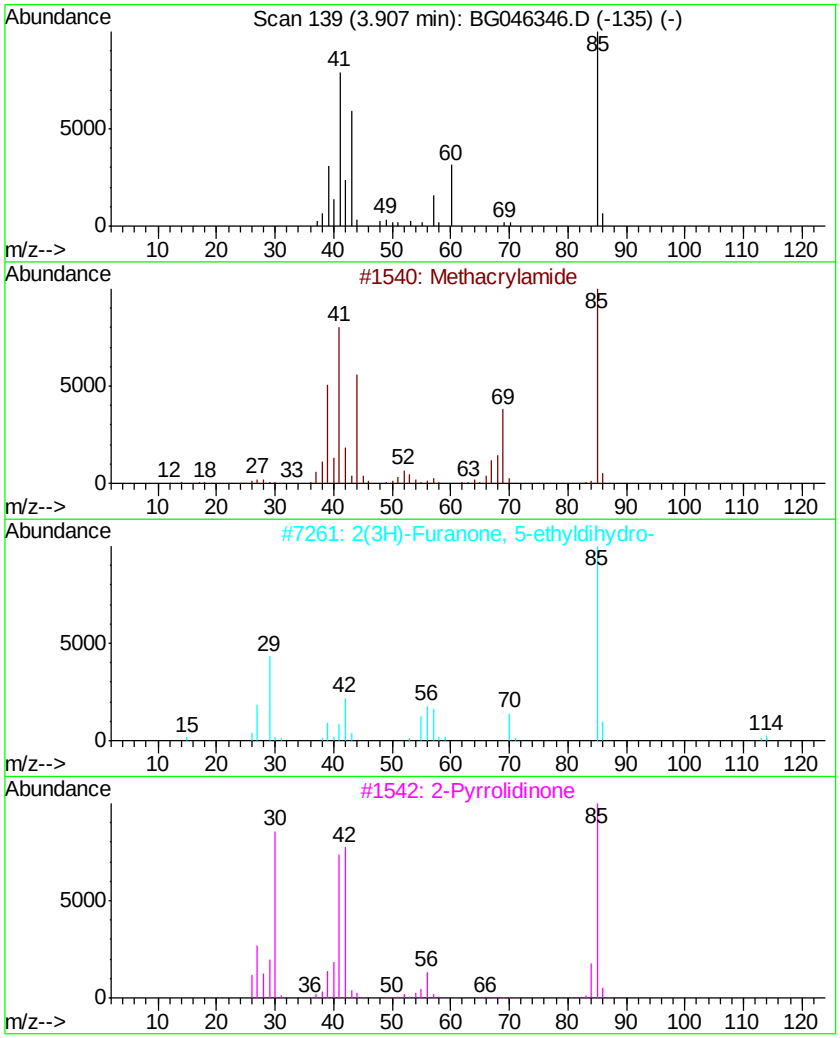
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

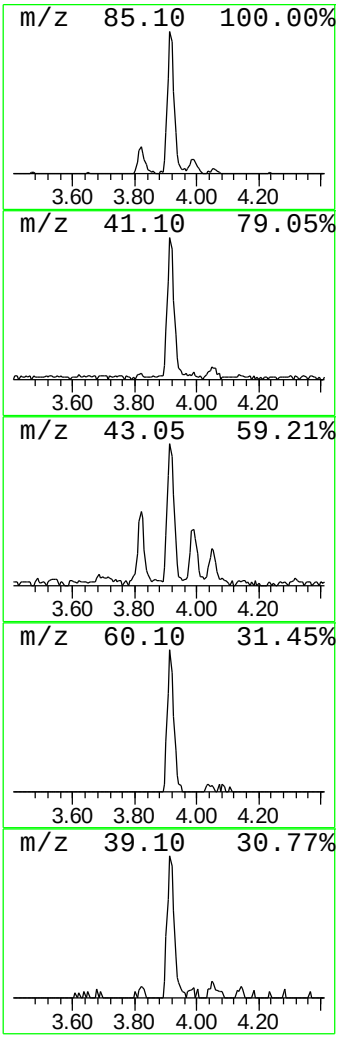
****

Peak Number 2 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	3.43 ng/ul	76329	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	42
2	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	40
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
4	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	38
5	2-Furanmethanol, tetrahydro-5-me...	116	C6H12O2	054774-28-6	38





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Instrument : BNA_G
ClientSampleId : BFME8

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

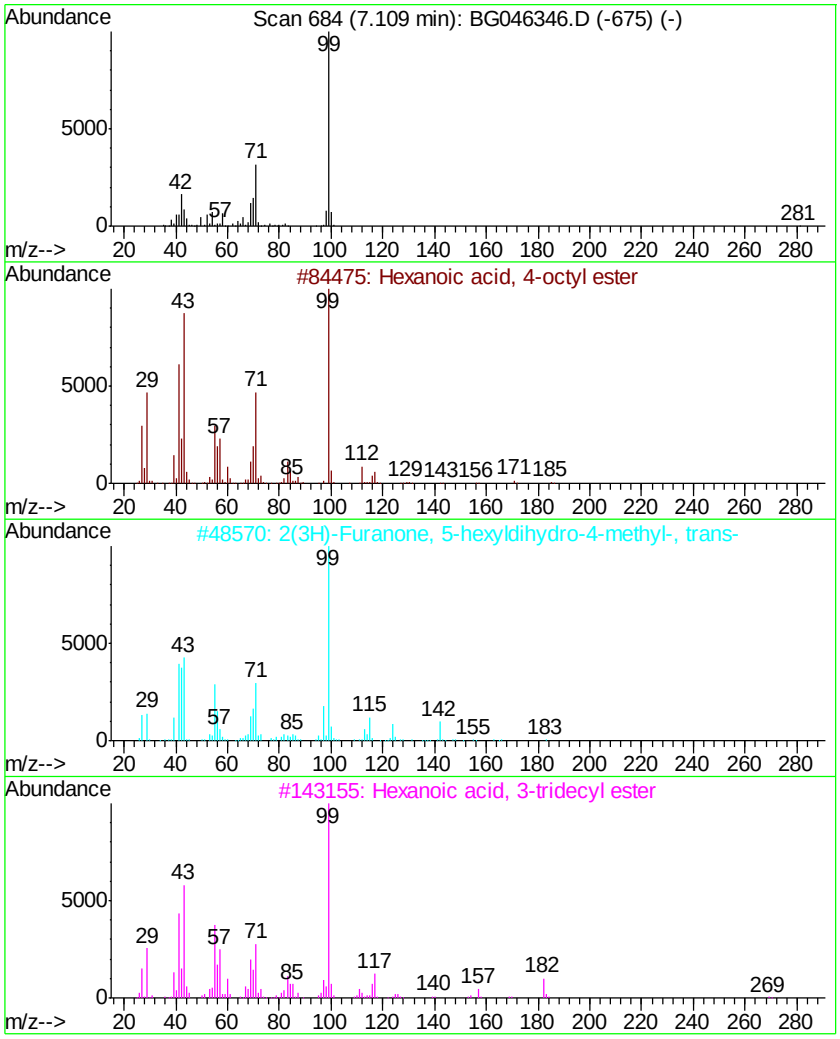
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

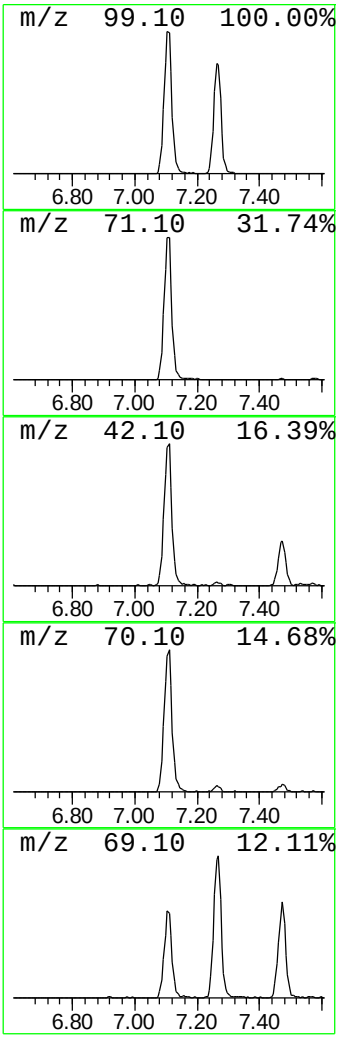
****

Peak Number 3 Hexanoic acid, 4-octyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	31.32 ng/ul	697347	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-octyl ester	228	C14H28O2	1000160-13-3	72
2	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56
3	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56
4	2H-Pyran-2-one, tetrahydro-6-octyl-	212	C13H24O2	007370-92-5	56
5	2-Pyrrolidinone, 4-methyl-	99	C5H9NO	1000197-00-3	53





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : BFME8

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

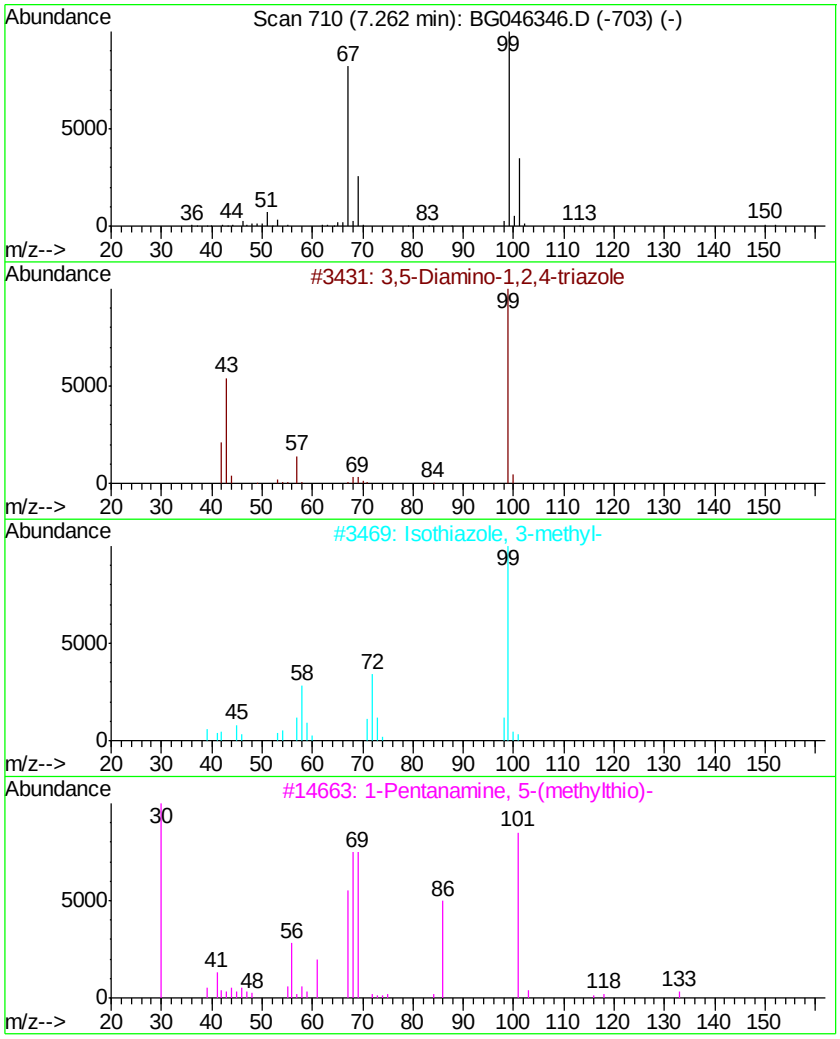
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

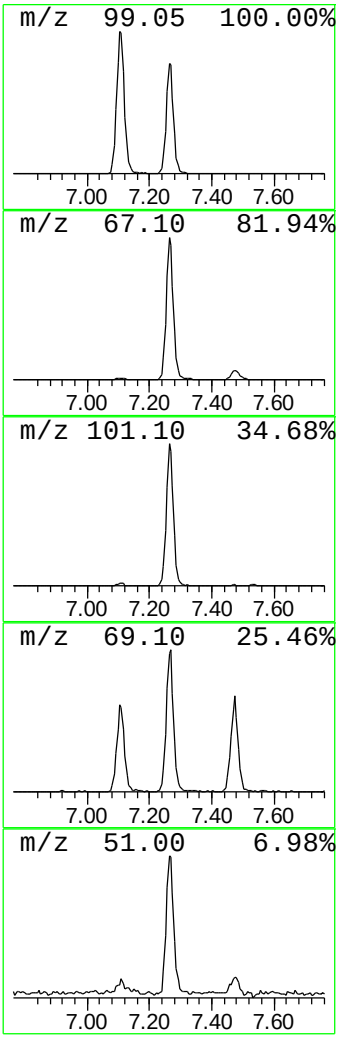
****

Peak Number 4 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	23.49 ng/ul	523092	1,4-Dichlorobenzene-d4	7.94

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





Library Search Compound Report

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Sample : L3633-20
Misc :
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Instrument : BNA_G
ClientSampleId : BFME8

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

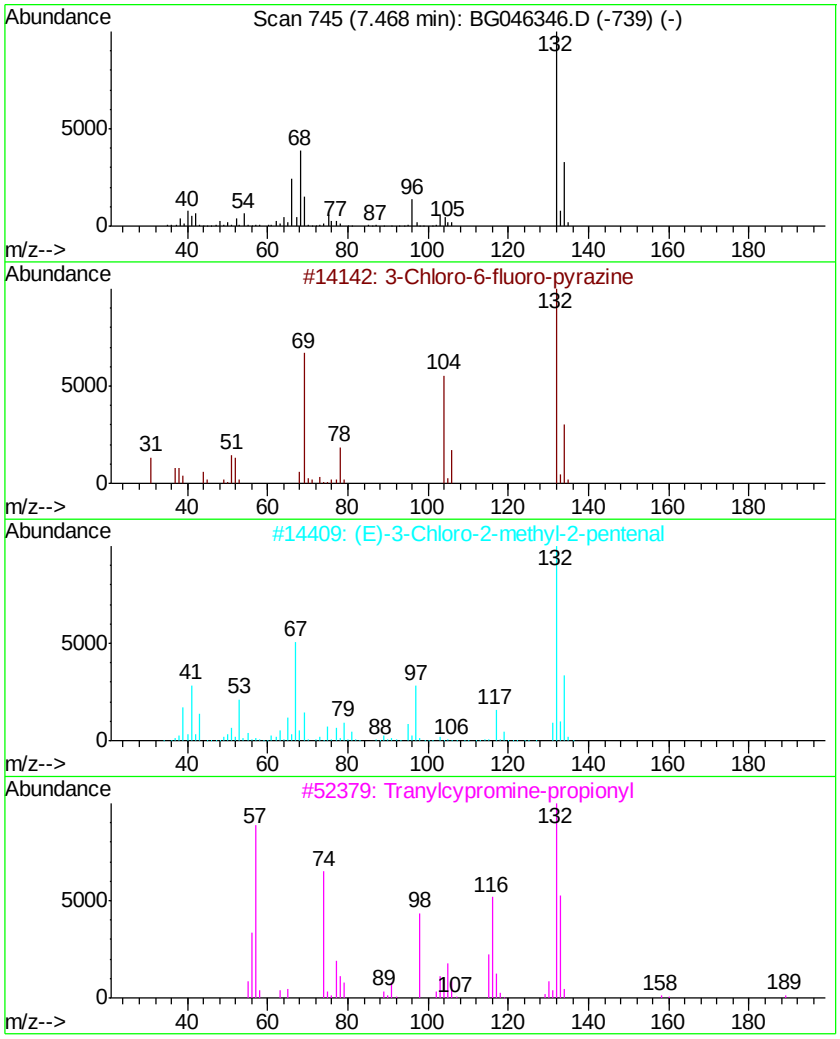
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

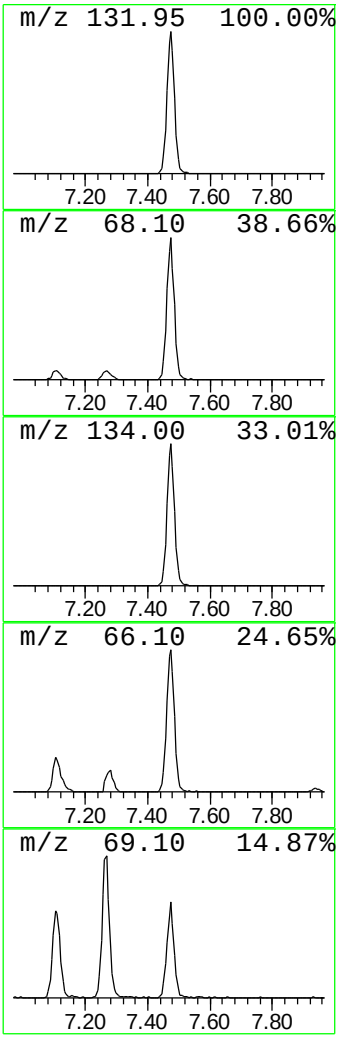
****

Peak Number 5 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	31.39 ng/ul	698888	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	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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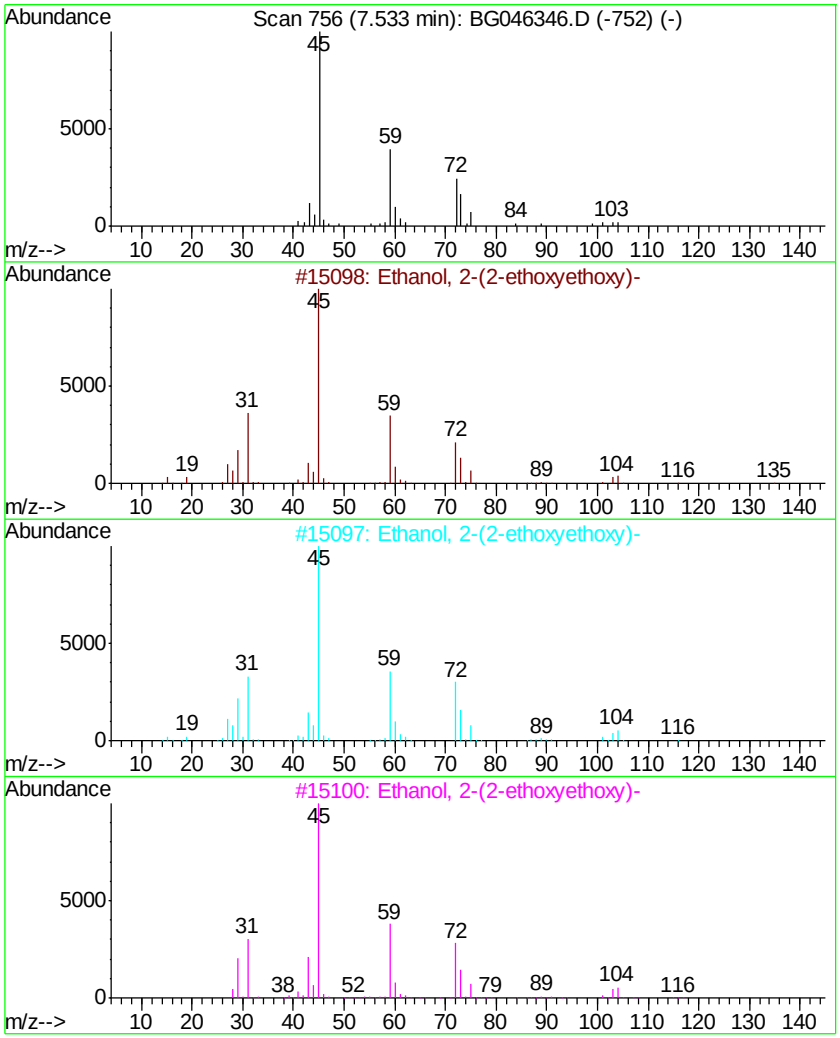
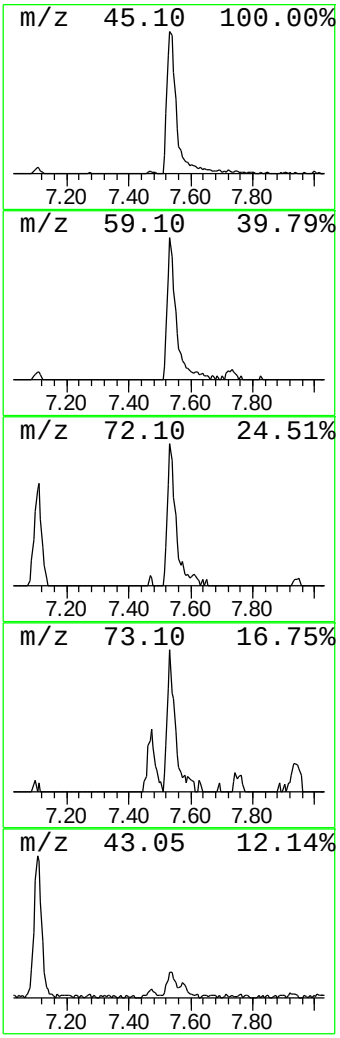
Peak Number 6 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	2.45 ng/ul	54627	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	74
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	50





Library Search Compound Report

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Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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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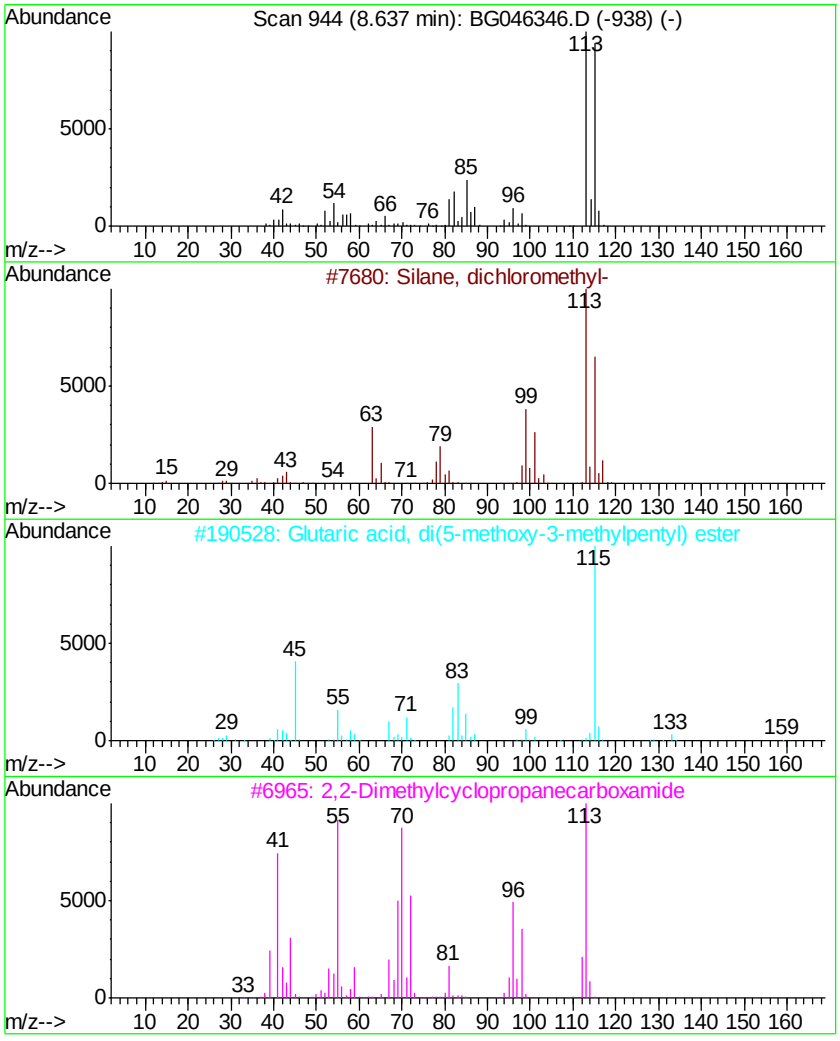
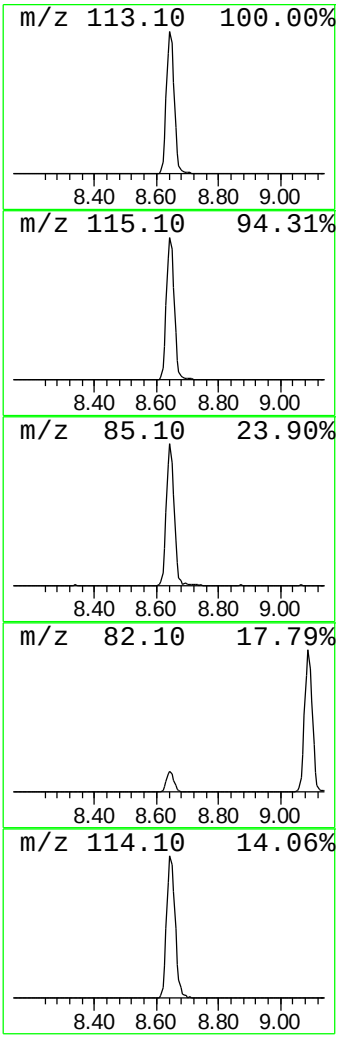
Peak Number 7 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	36.30 ng/ul	808215	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	35
3	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	27
4	Butanediovl dihydrazide	146	C4H10N4O2	004146-43-4	25
5	3,4-Methylpropylsuccinimide	155	C8H13NO2	1000248-78-0	25





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Sample : L3633-20
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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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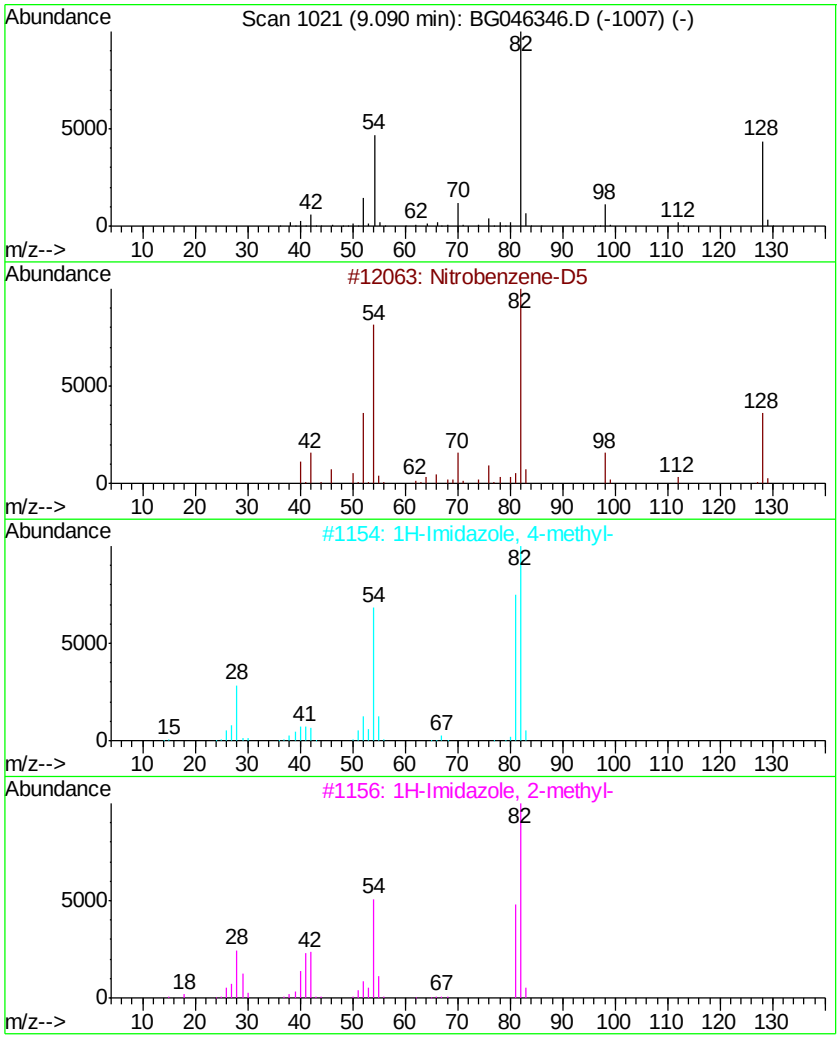
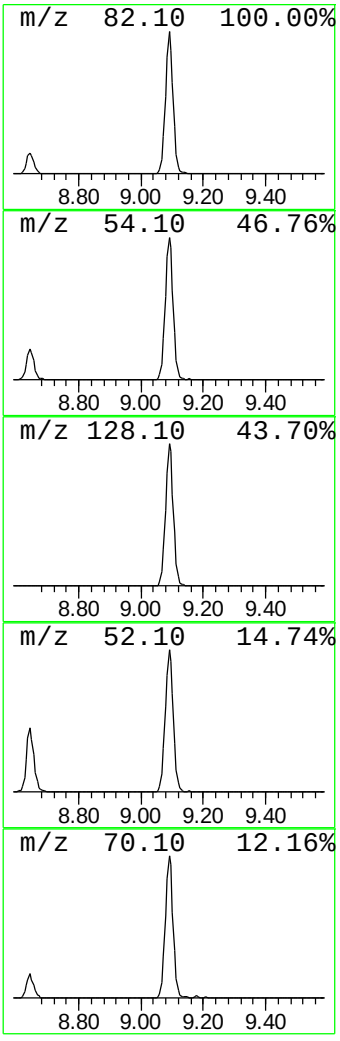
Peak Number 8 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	30.77 ng/ul	685027	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	56
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	40
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
5	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38





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Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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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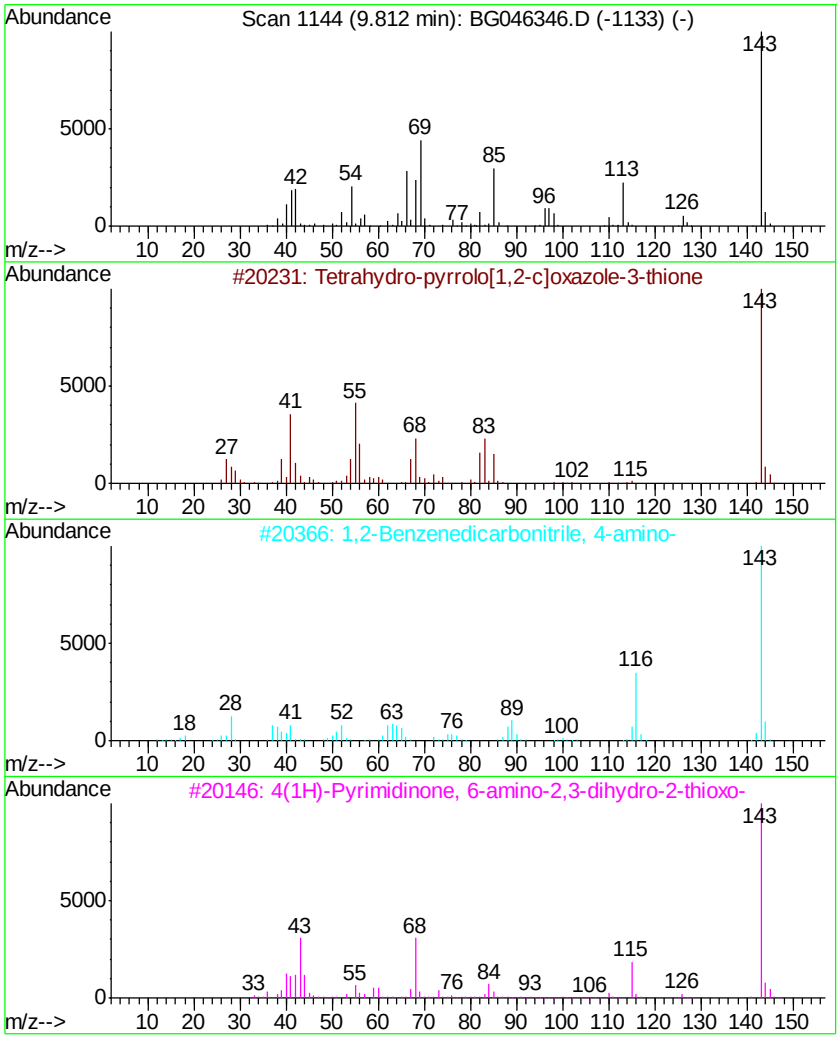
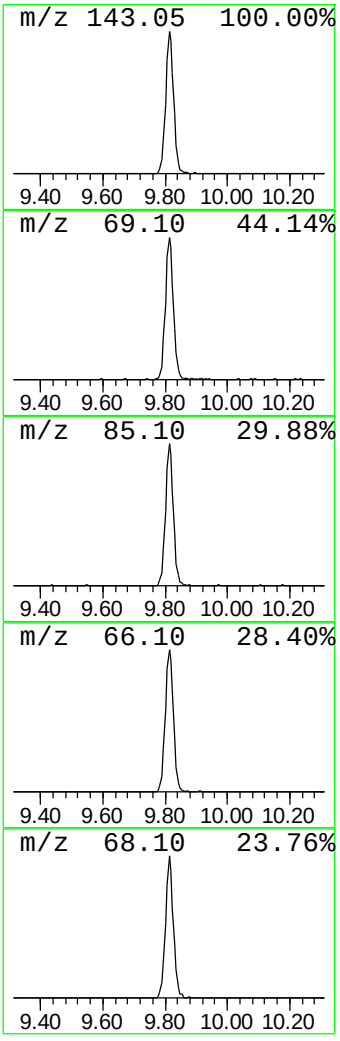
Peak Number 9 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	17.14 ng/ul	587108	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
2	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
3	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	10
5	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	10





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Acq On : 19 Aug 2020 14:05
Operator : CG/JU
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Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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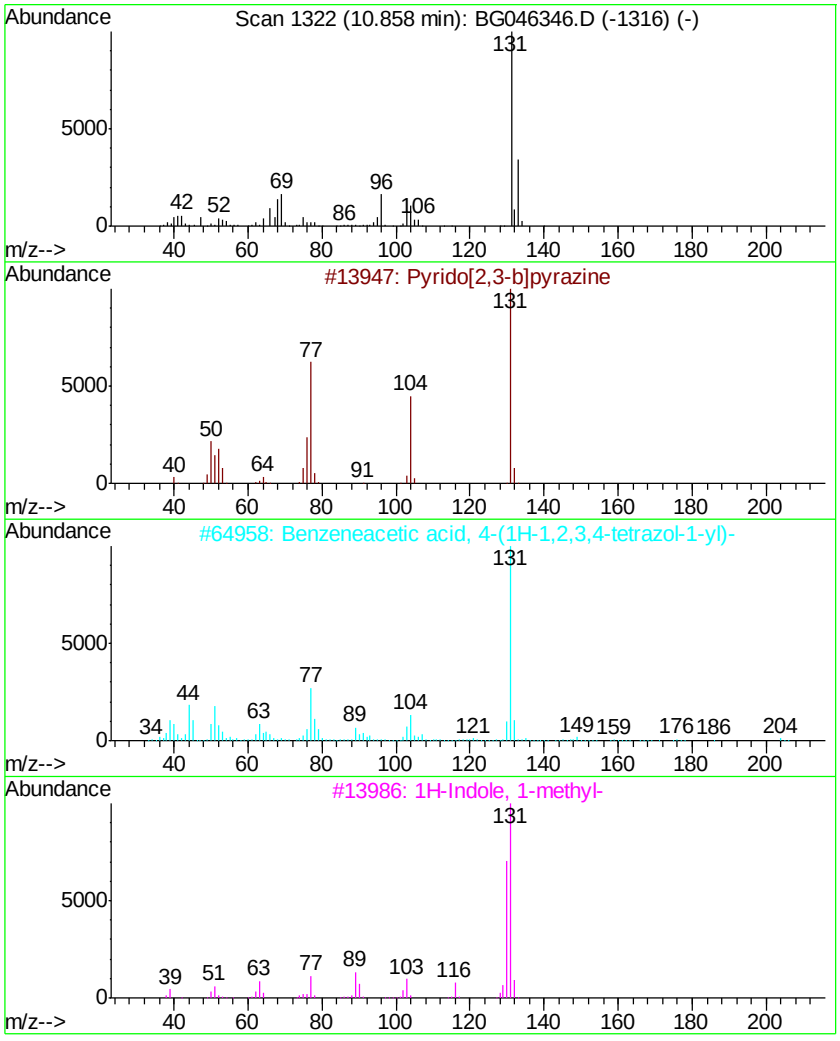
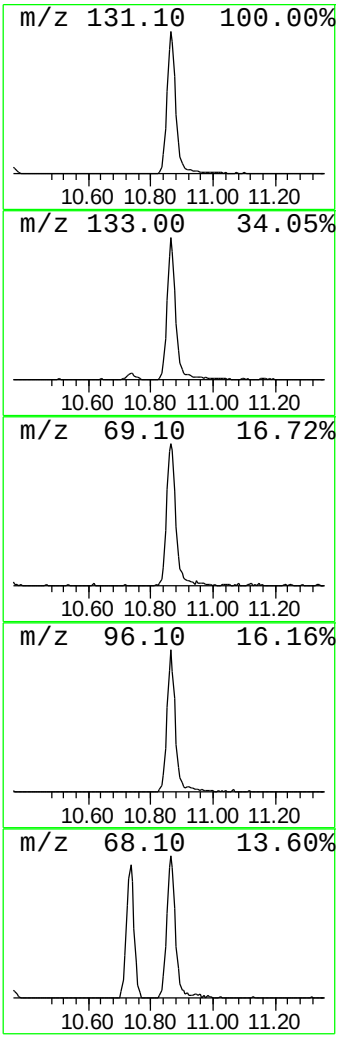
Peak Number 10 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	17.59 ng/ul	602419	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	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9
5	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9





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Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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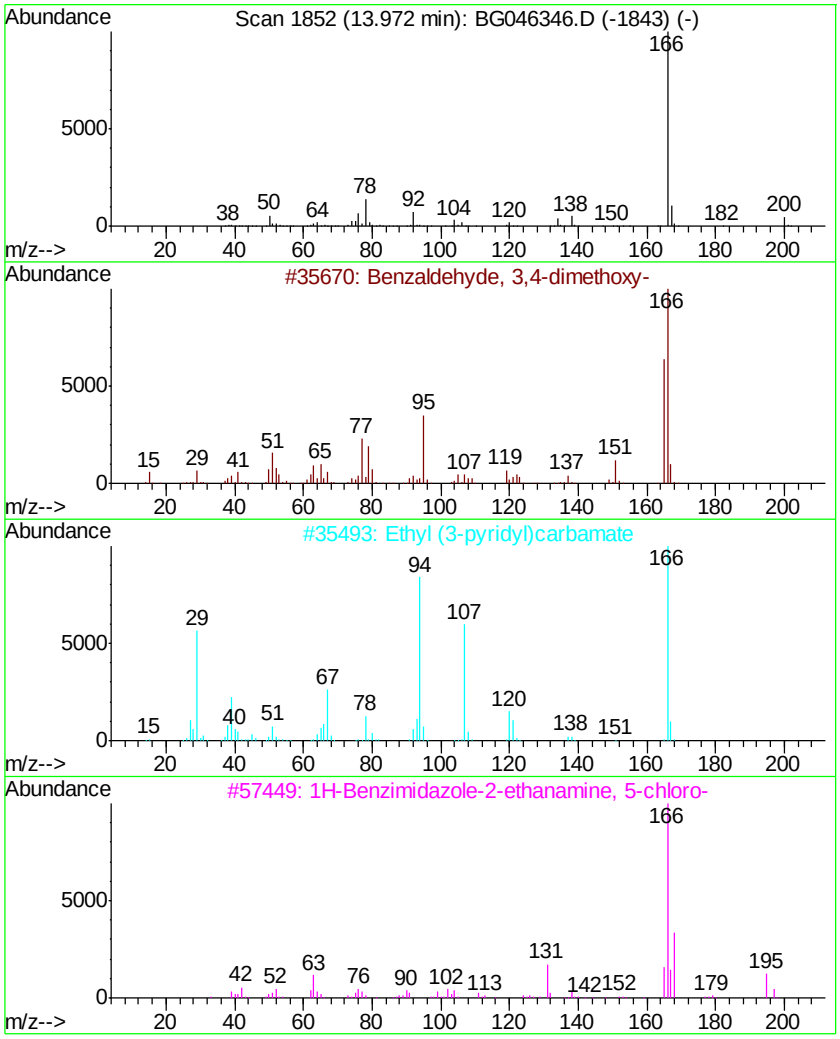
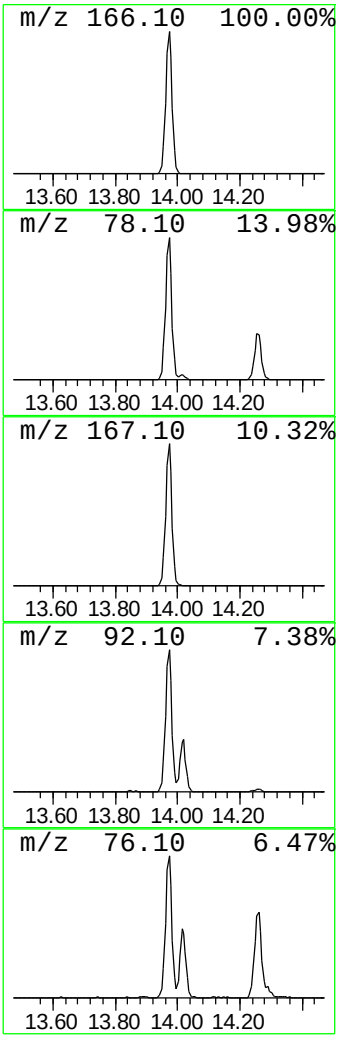
Peak Number 11 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	27.93 ng/ul	1396310	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
3	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
4	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
5	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38





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Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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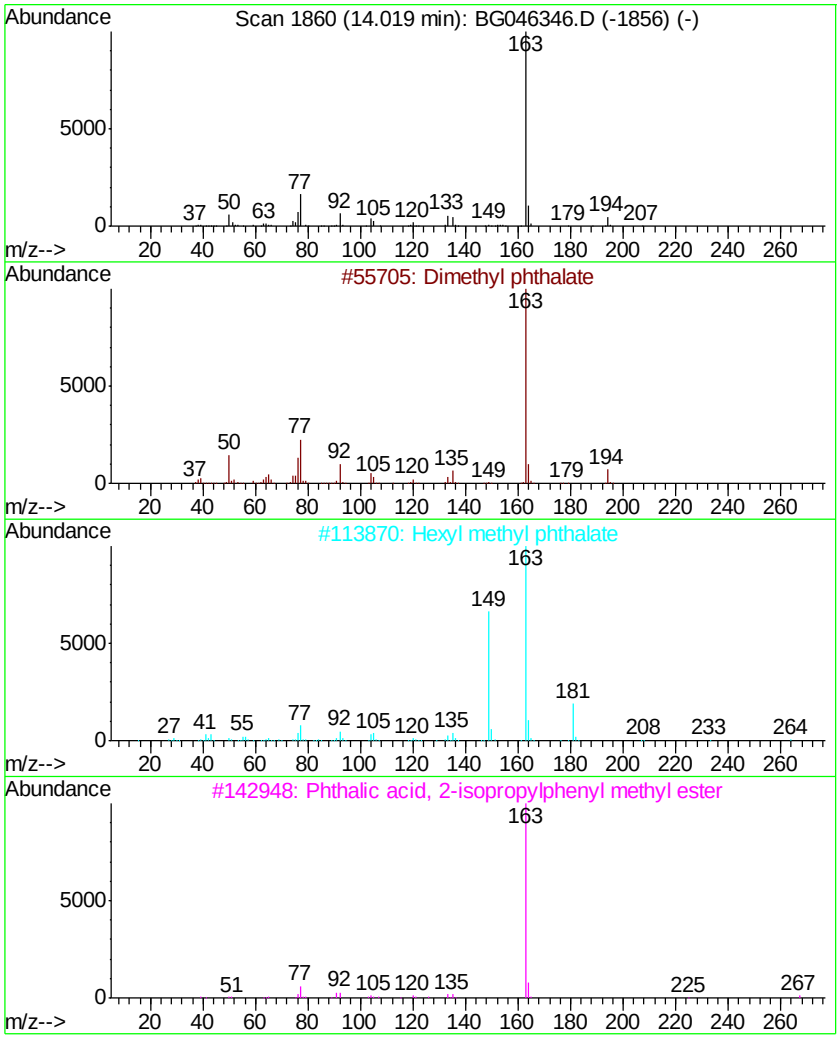
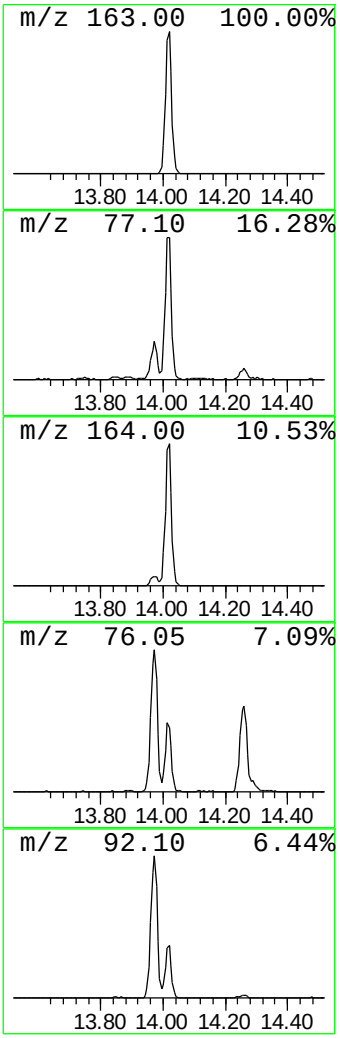
Peak Number 12 Dimethyl phthalate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	10.49 ng/ul	524613	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
2	Hexyl methyl phthalate	264	C15H20O4	1000373-89-7	83
3	Phthalic acid, 2-isopropylphenyl...	298	C18H18O4	1000315-52-2	83
4	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	83
5	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	83





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Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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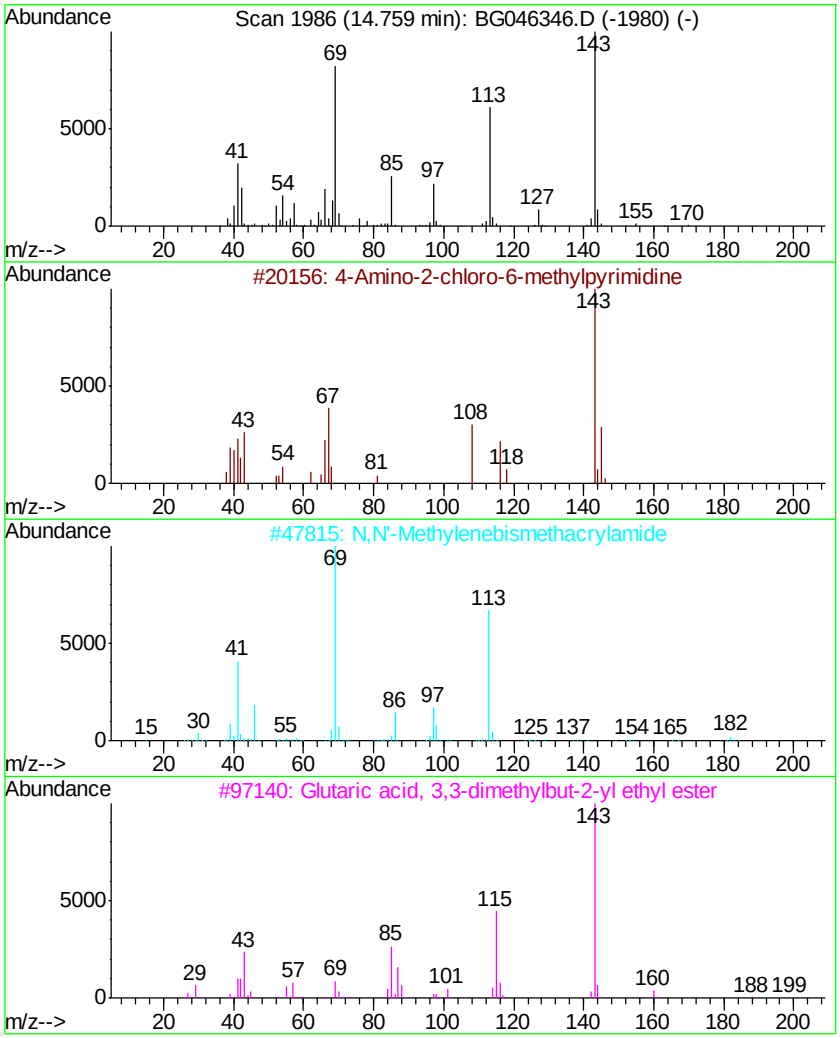
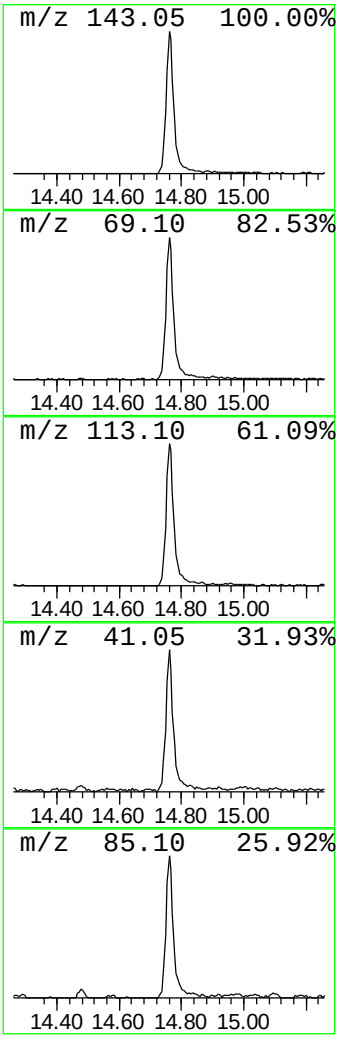
Peak Number 13 unknown-08 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	9.77 ng/ul	488331	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	38
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	22
3	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	22
4	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	11
5	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	10





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Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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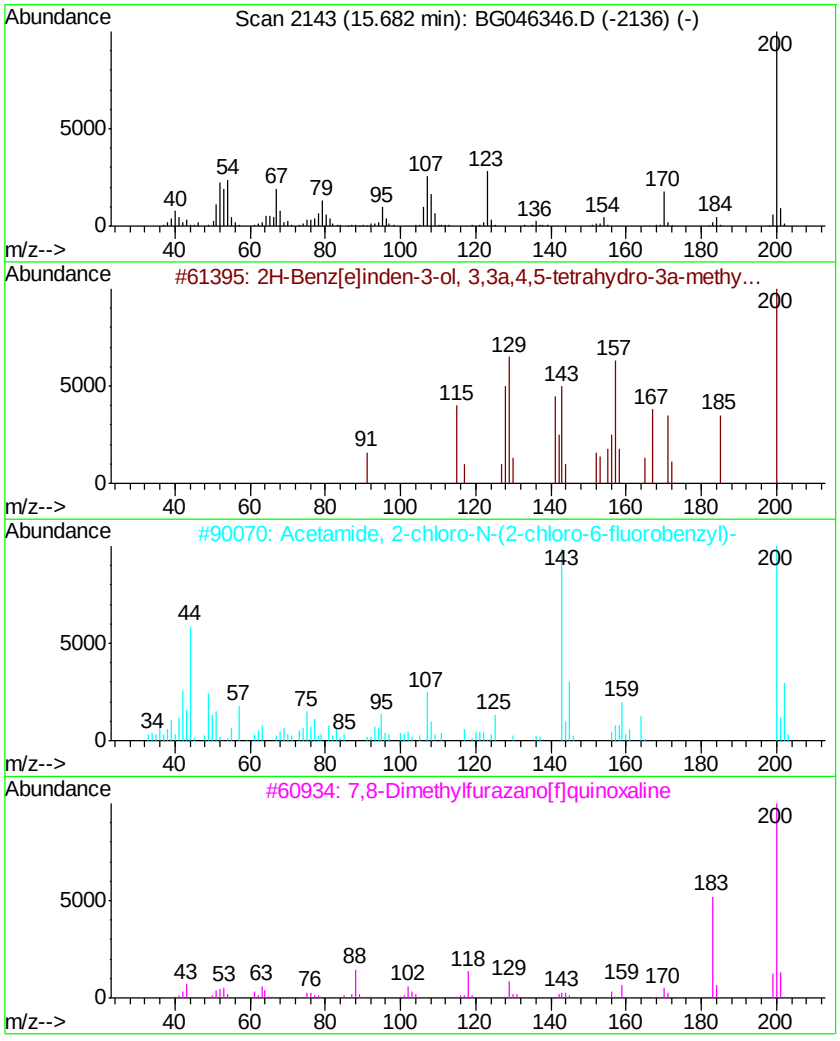
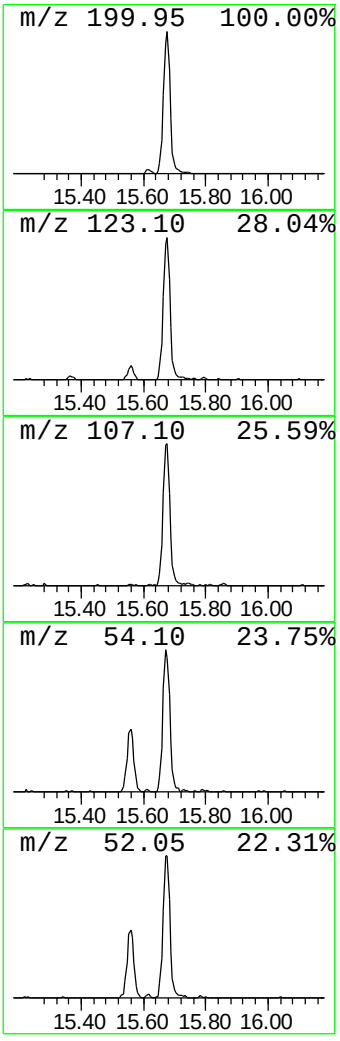
Peak Number 14 unknown-09 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	9.88 ng/ul	493686	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	Acetamide, 2-chloro-N-(2-chloro-...	235	C9H8Cl2FNO	1000268-05-5	32
3	7,8-Dimethylfurazano[f]quinoxaline	200	C10H8N4O	1000110-74-6	27
4	1,6-Dioxaspiro[4.4]non-3-ene, 2-...	200	C13H12O2	016863-61-9	27
5	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	25





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Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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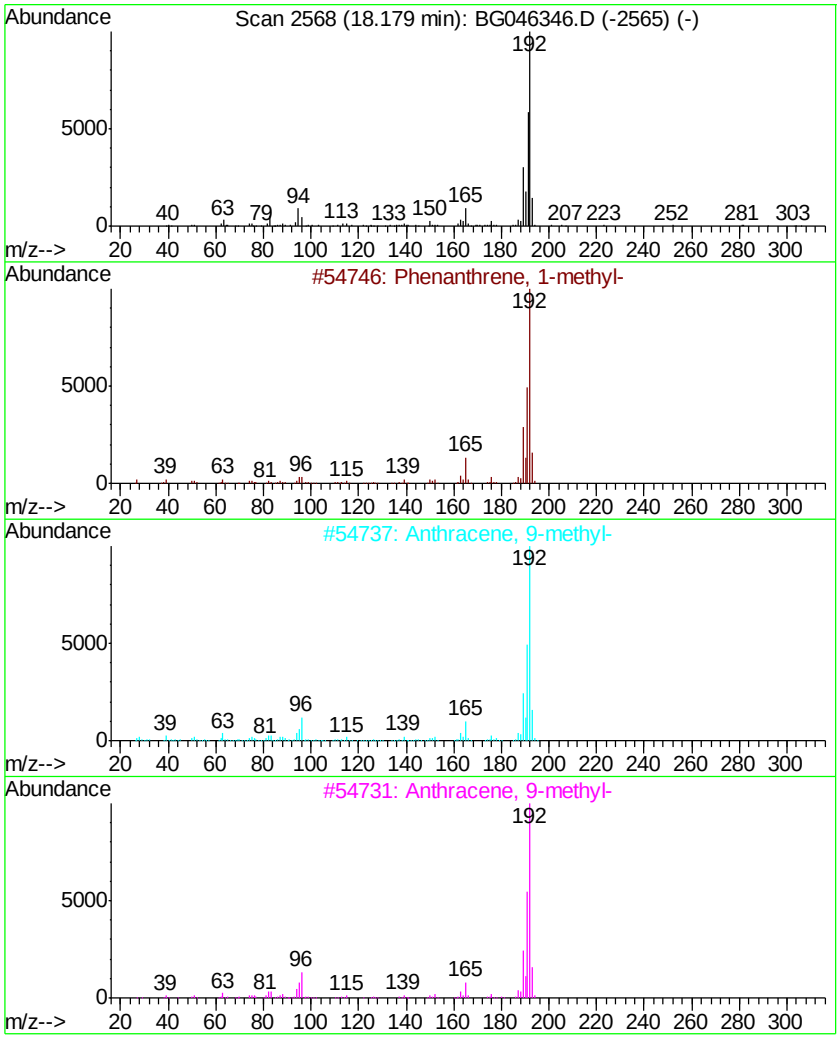
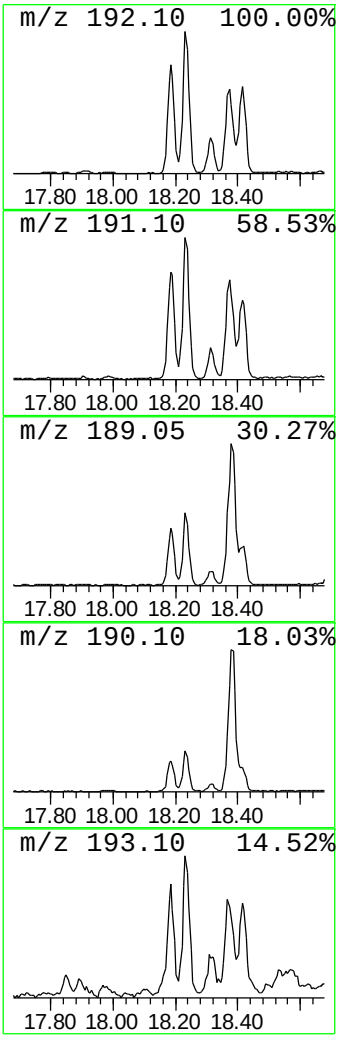
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.69 ng/ul	169655	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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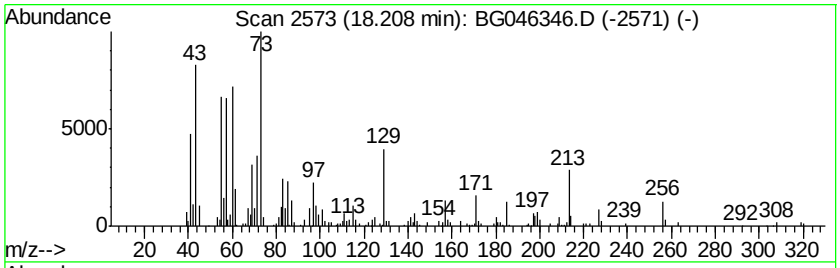
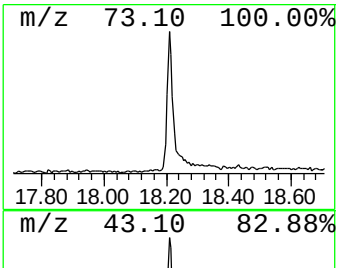
Peak Number 16 n-Hexadecanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	3.16 ng/ul	199570	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





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Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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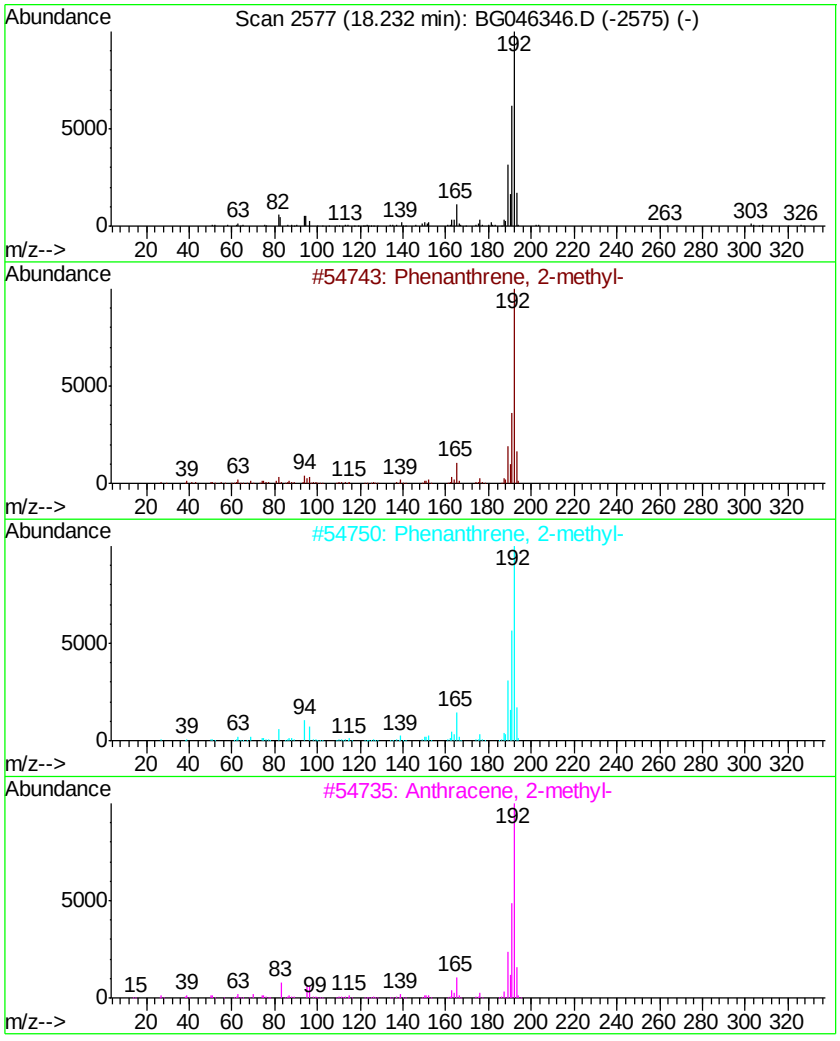
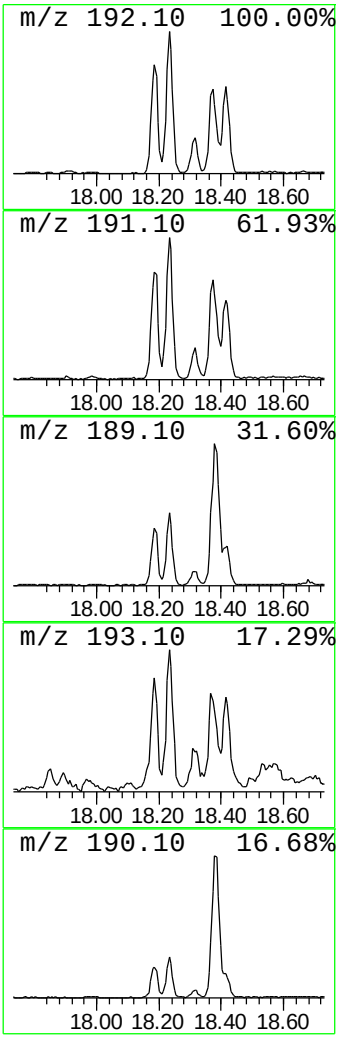
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.90 ng/ul	246653	Phenanthrene-d10	17.31

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





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Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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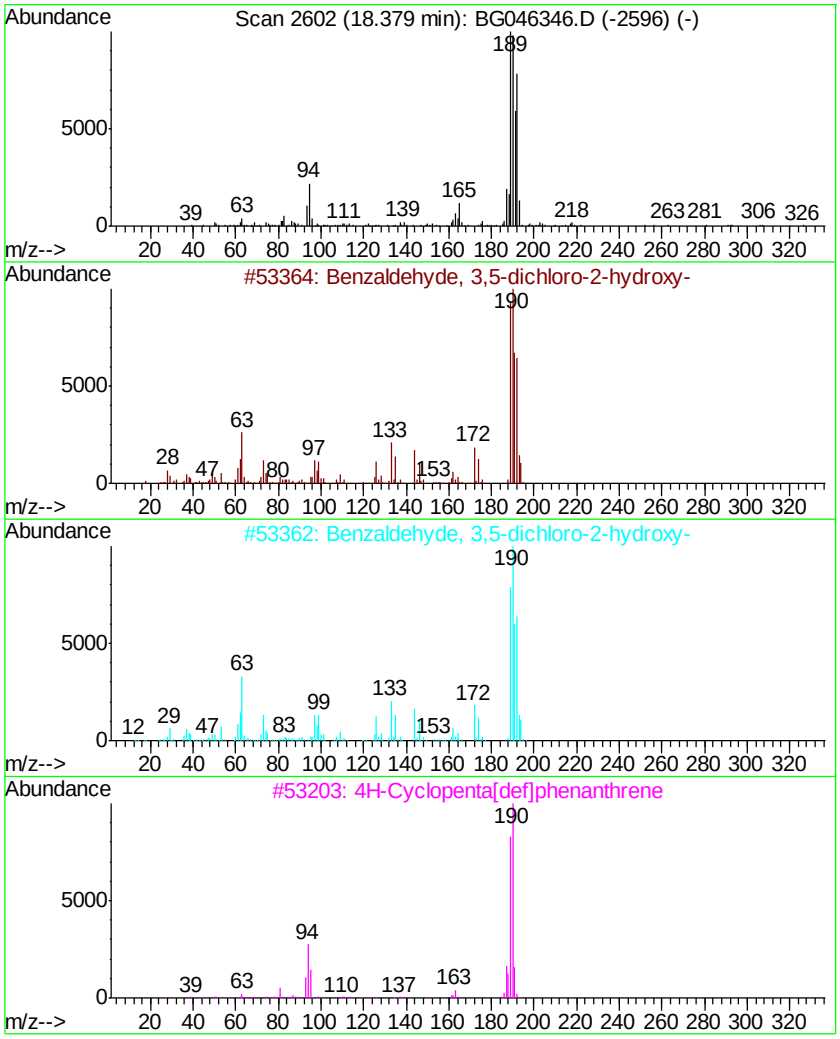
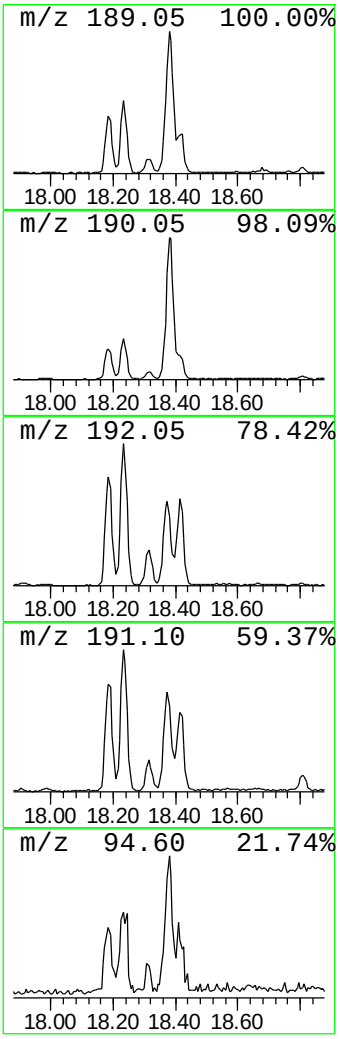
Peak Number 18 Benzaldehyde, 3,5-dichloro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	5.39 ng/ul	340785	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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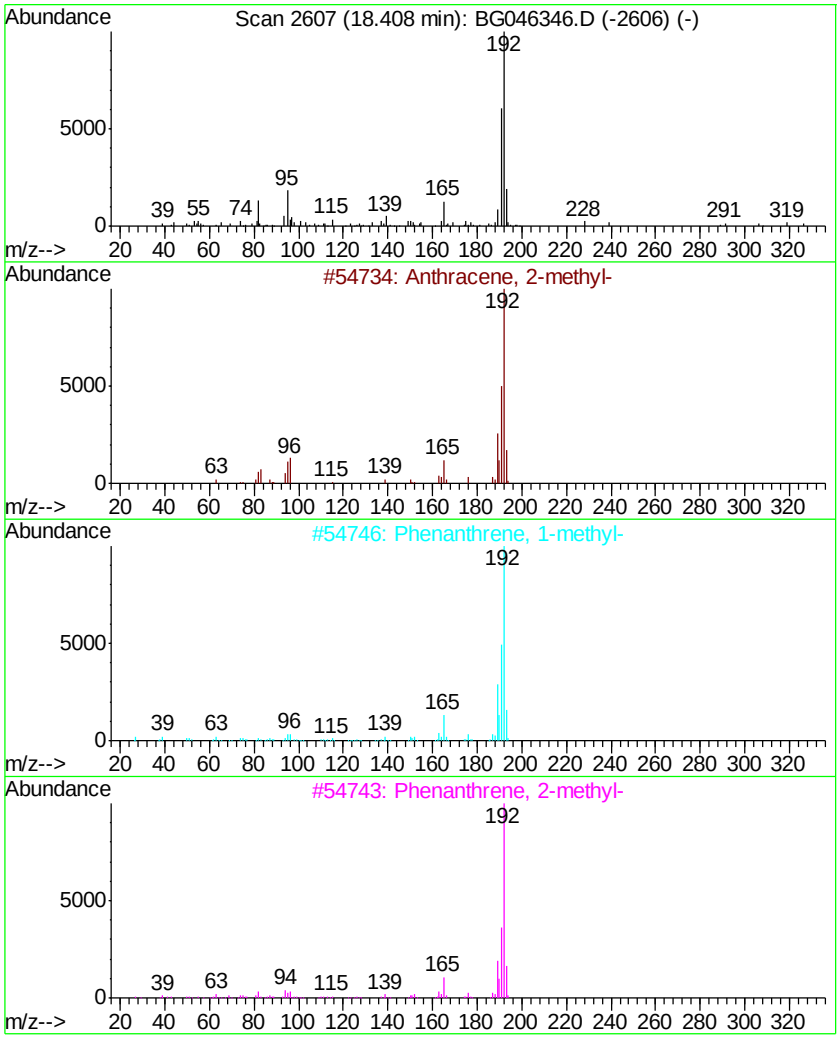
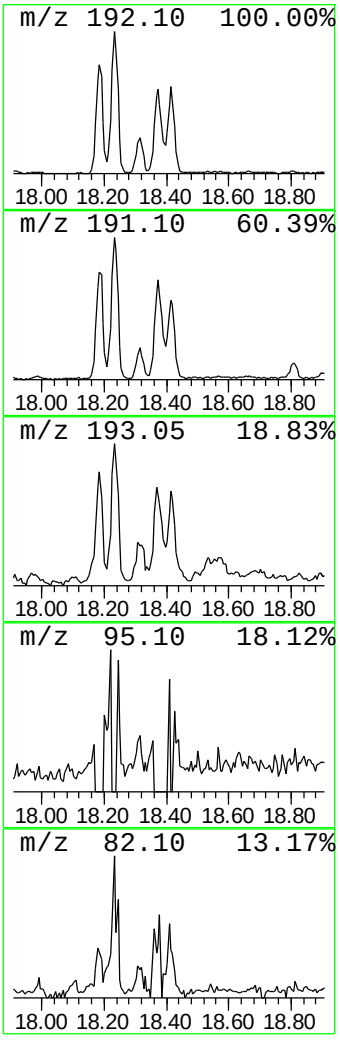
Peak Number 19 Anthracene, 2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.12 ng/ul	133989	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





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Sample : L3633-20
Misc :
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Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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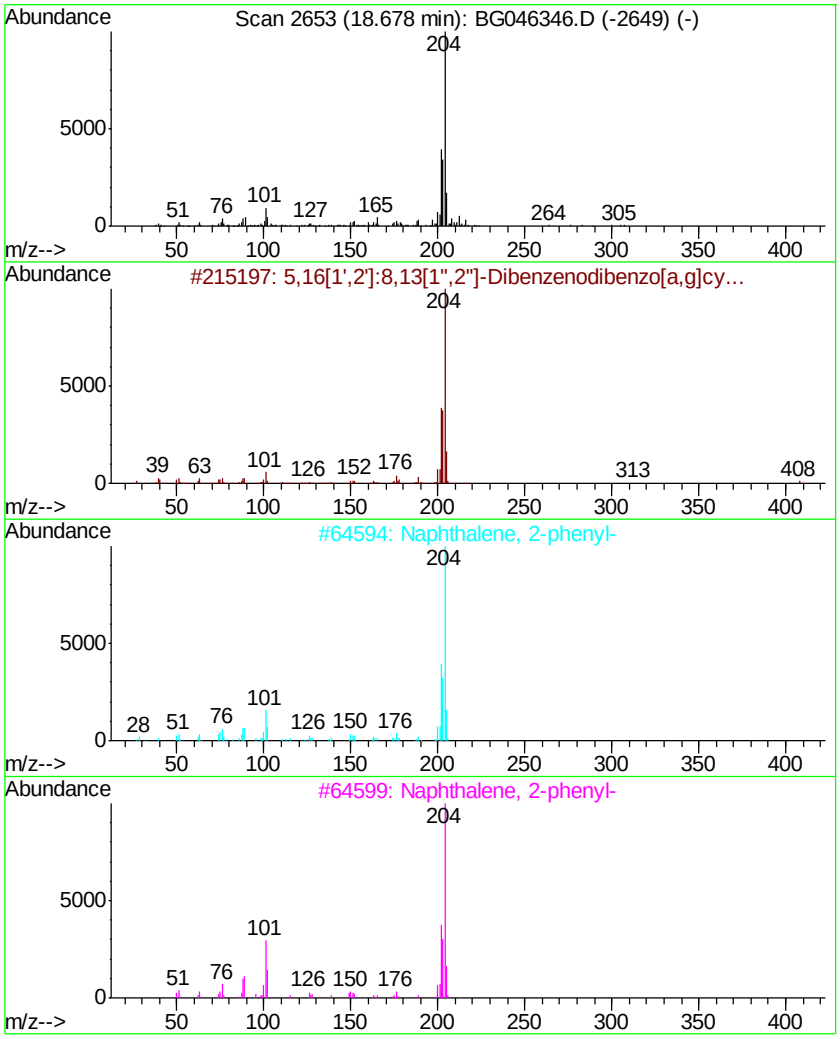
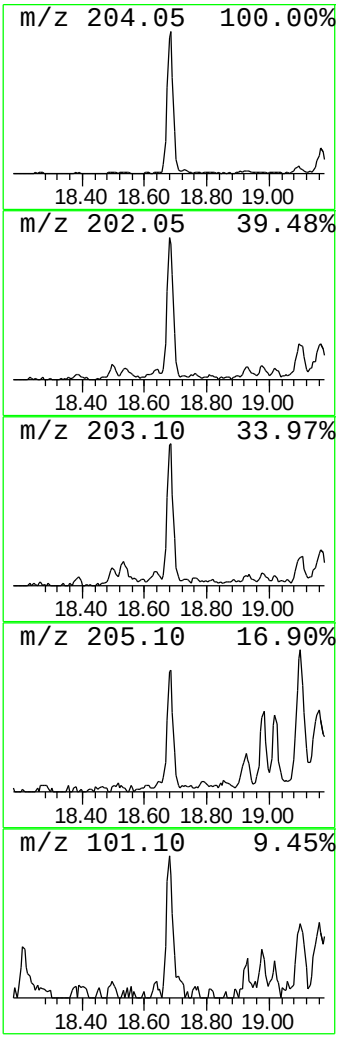
Peak Number 20 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	2.68 ng/ul	169443	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	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





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Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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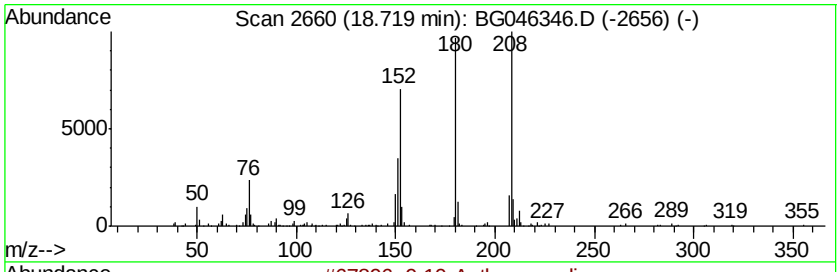
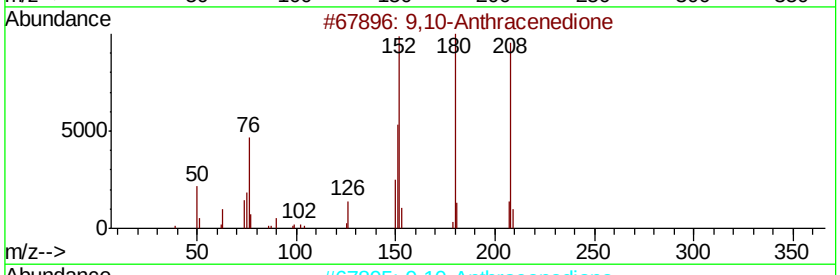
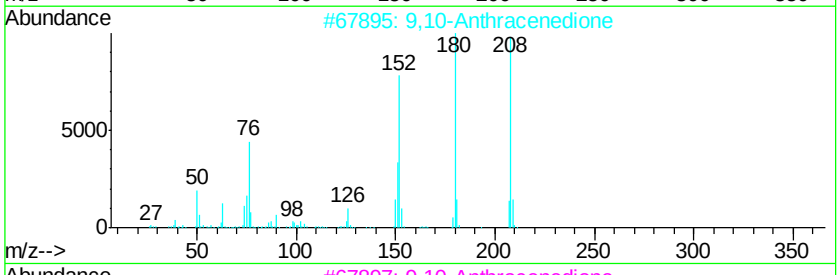
Peak Number 21 9,10-Anthracenedione Concentration Rank 27

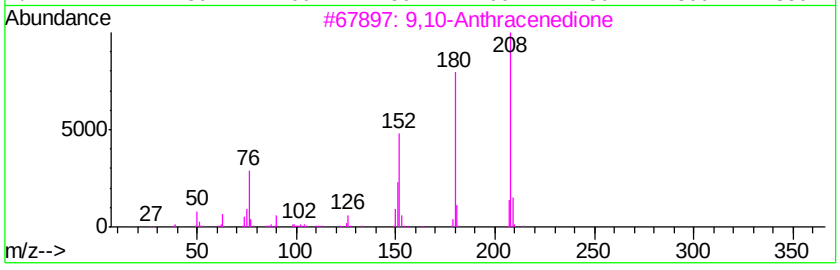
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.84 ng/ul	179374	Phenanthrene-d10	17.31

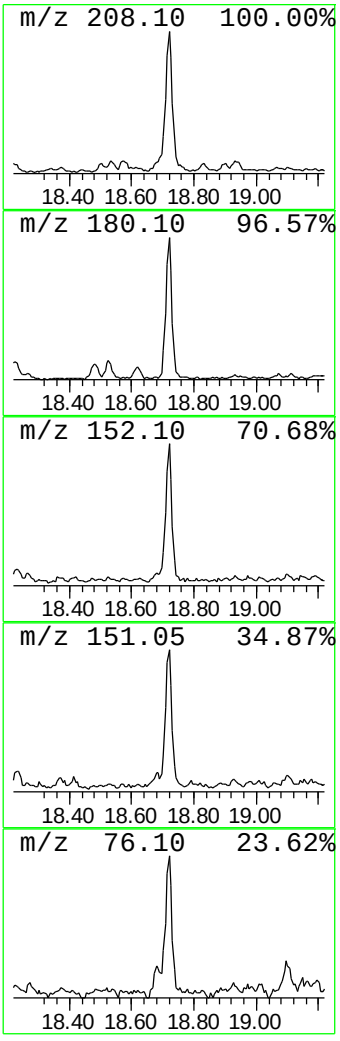
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60











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Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
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Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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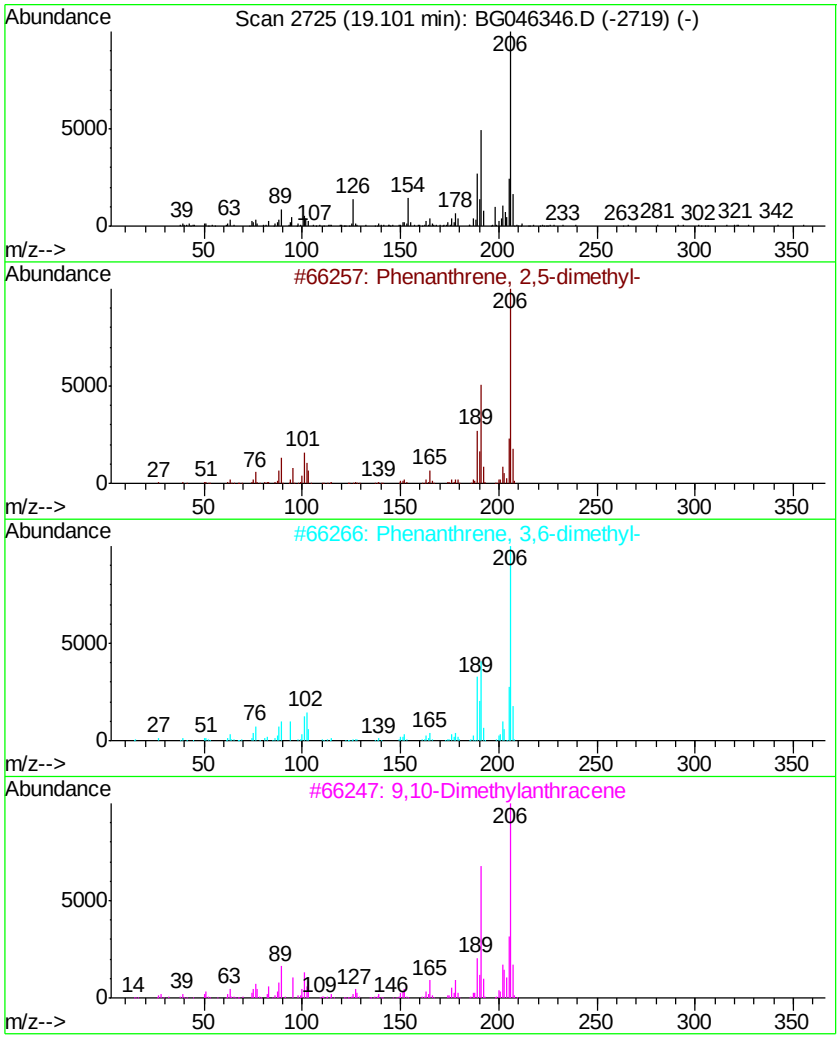
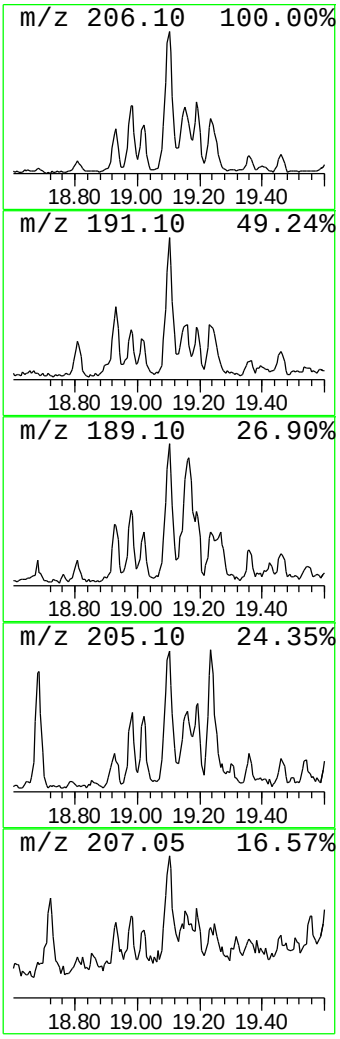
Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	3.26 ng/ul	205745	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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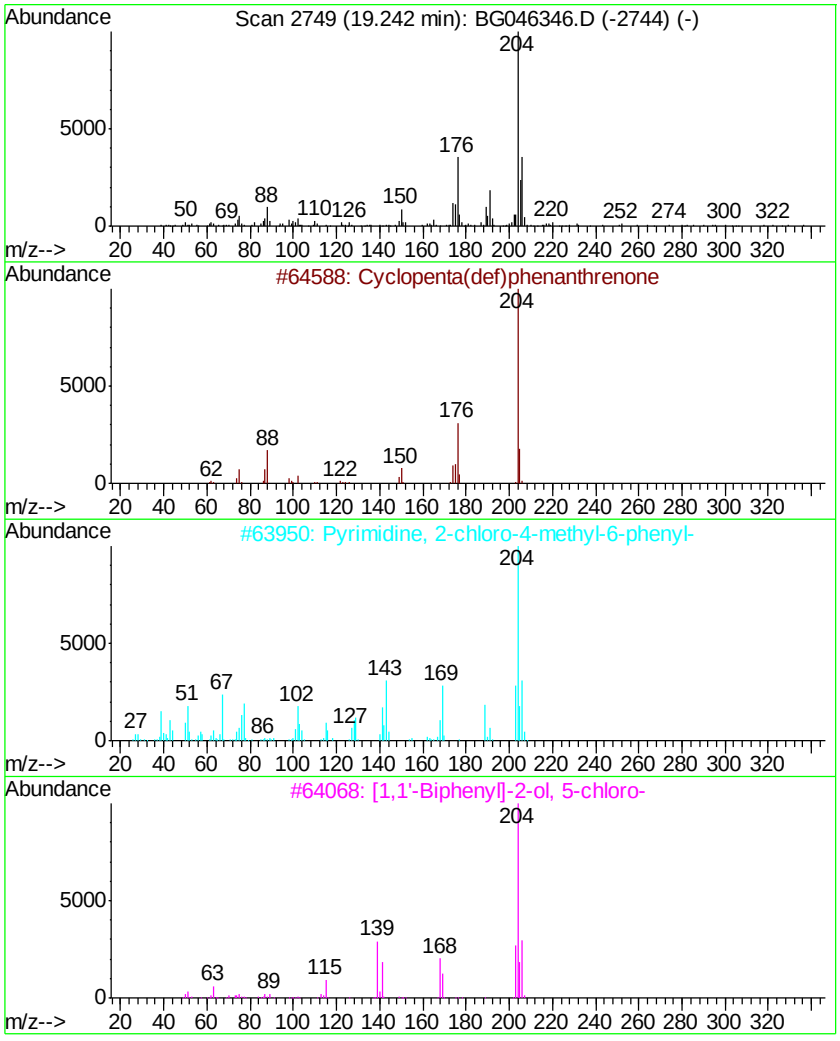
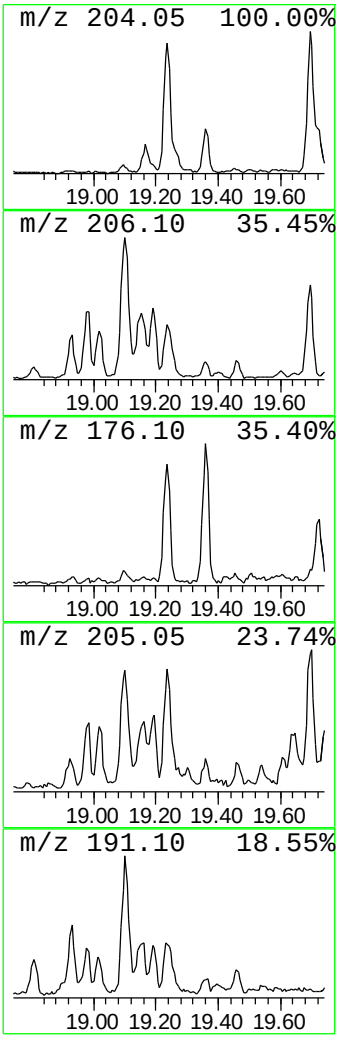
Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.18 ng/ul	200979	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	53
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47





Library Search Compound Report

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Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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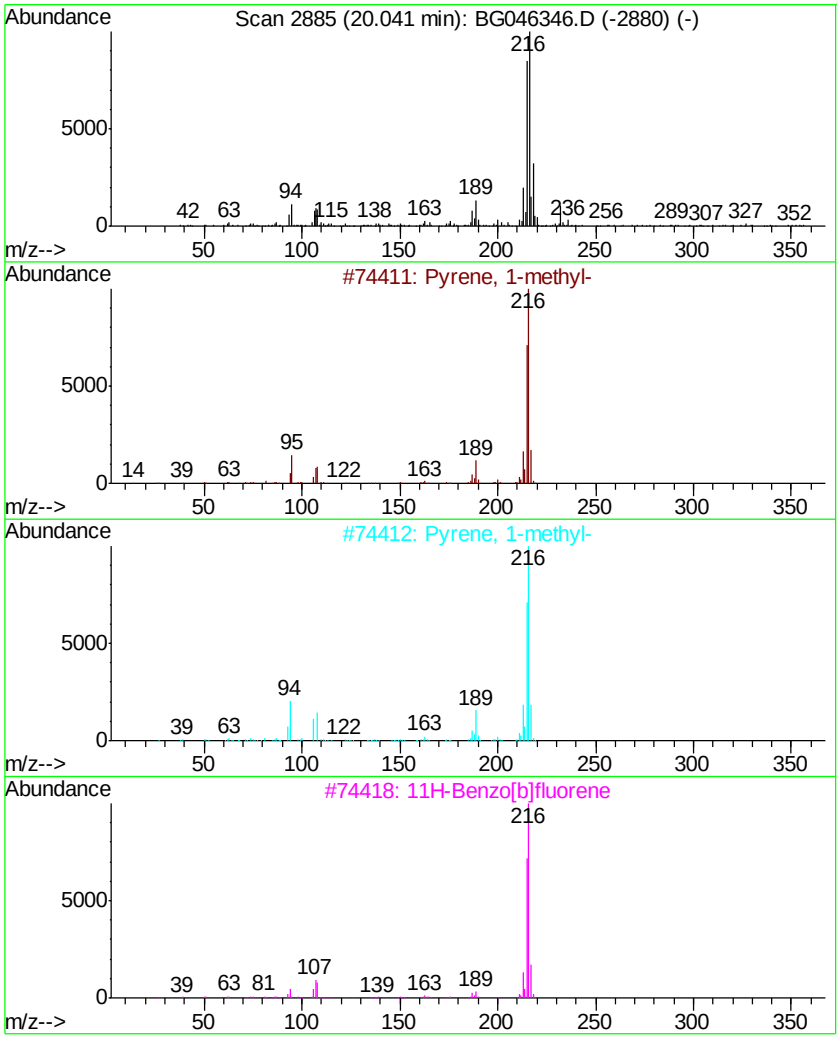
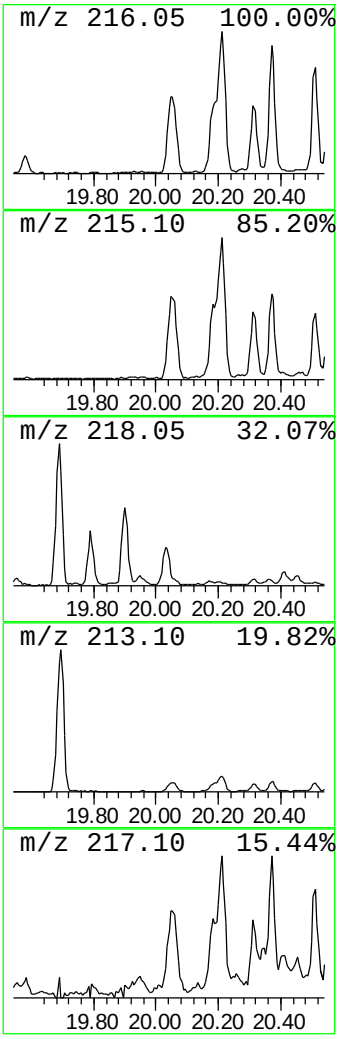
Peak Number 24 Pyrene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.67 ng/ul	354644	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89





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Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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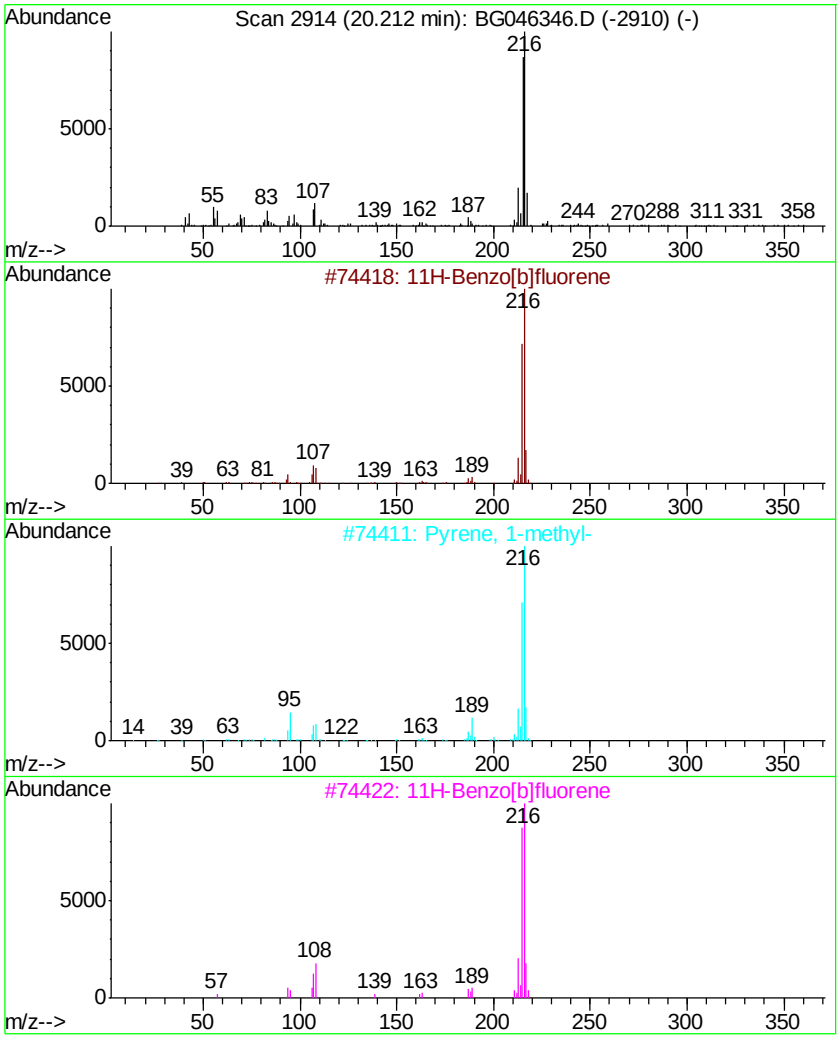
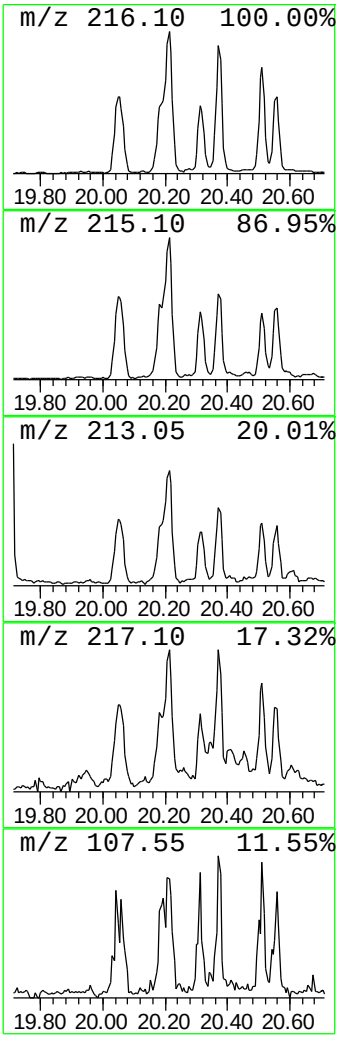
Peak Number 25 11H-Benzo[b]fluorene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.27 ng/ul	302187	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





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Instrument : BNA_G
ClientSampleId : BFME8

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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 unknown-10 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	2.12 ng/ul	281982	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	50
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	46
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	45
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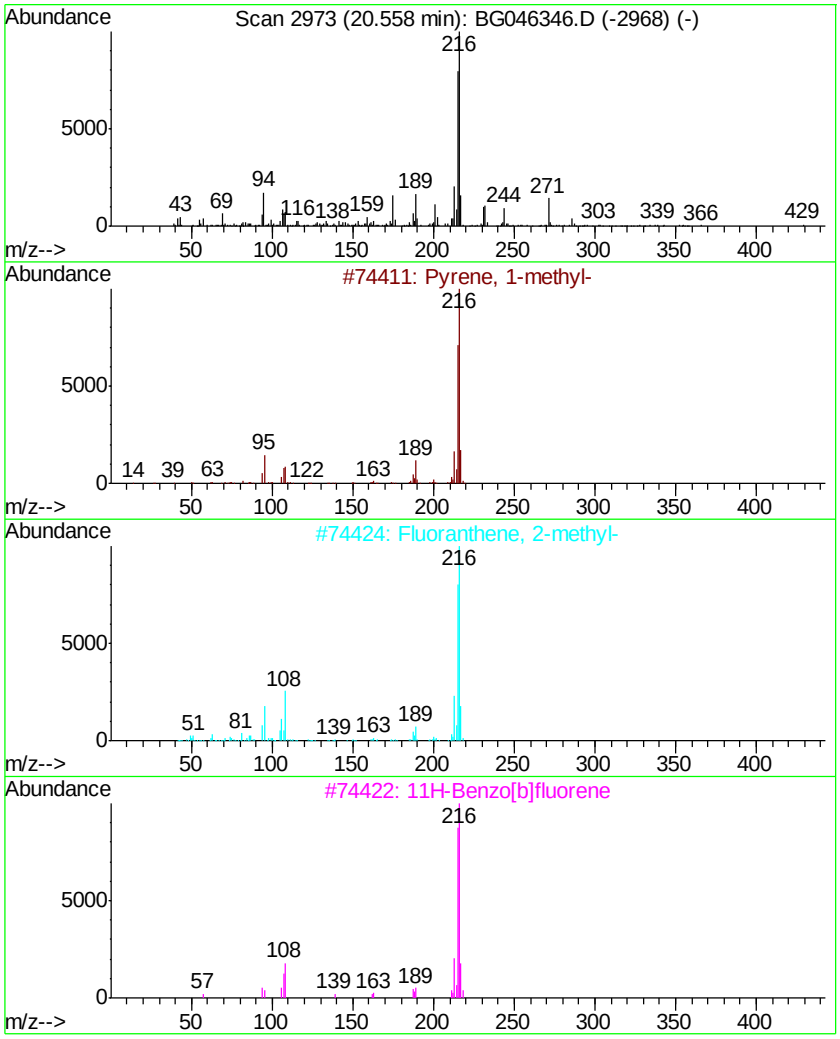

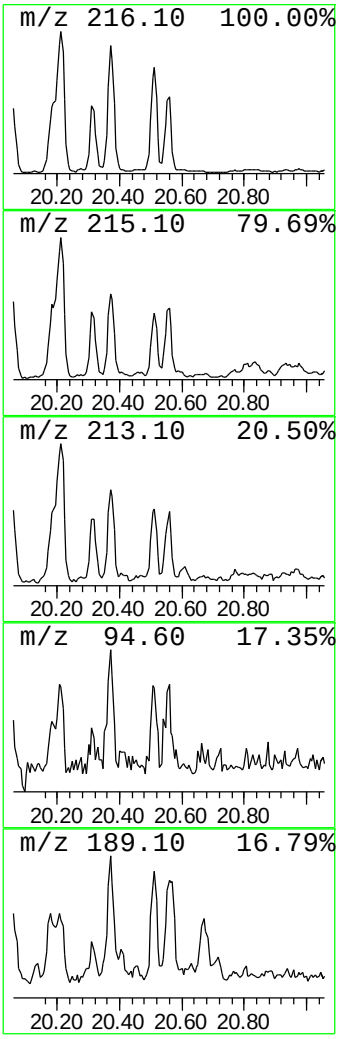

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Instrument : BNA_G
ClientSampleId : BFME8

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Quant Title : SVOA CALIBRATION

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

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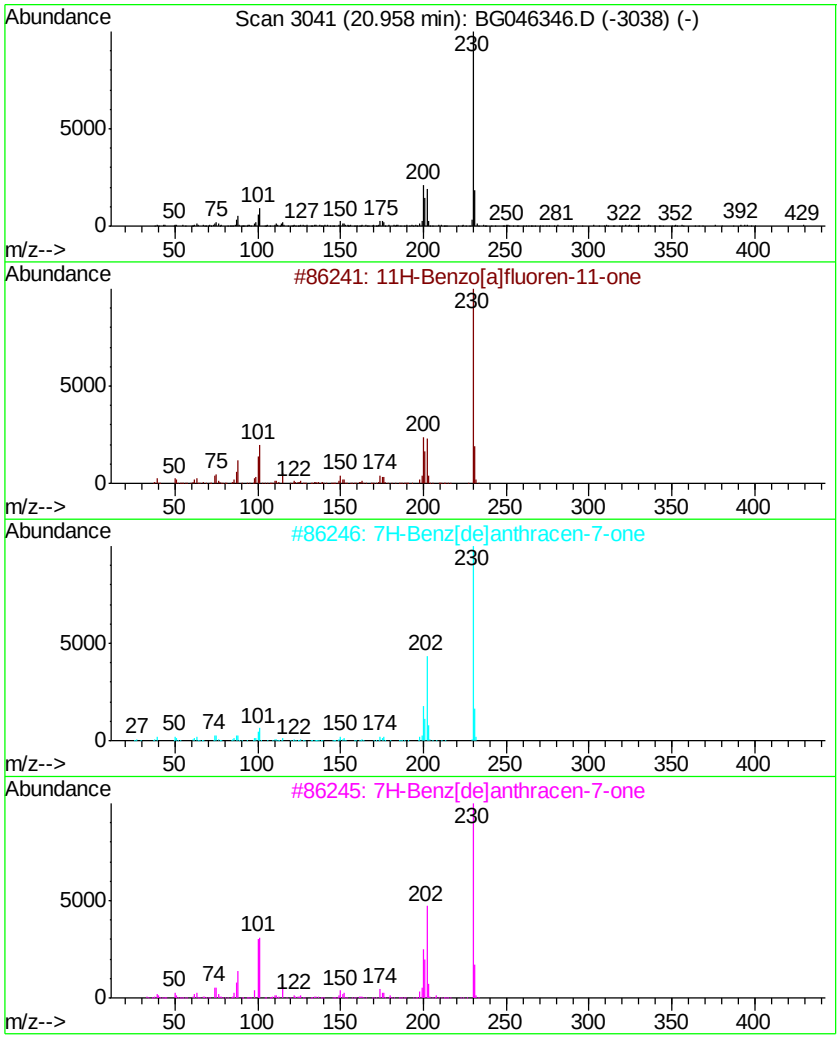
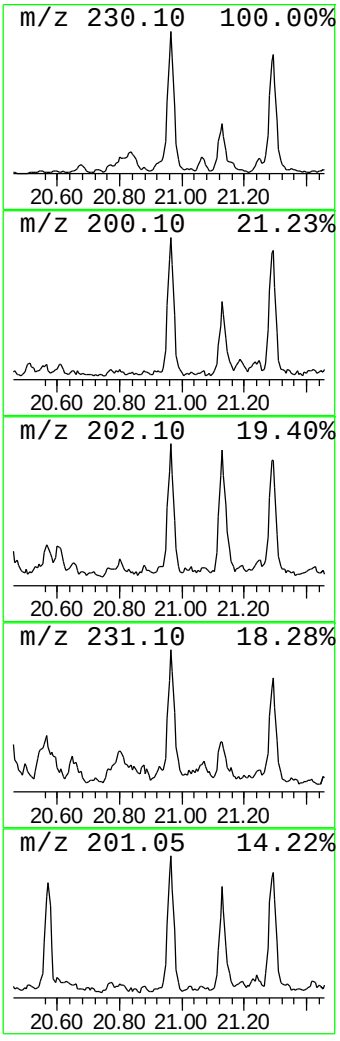
Peak Number 27 11H-Benzo[a]fluoren-11-one Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.34 ng/ul	310761	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046346.D
Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

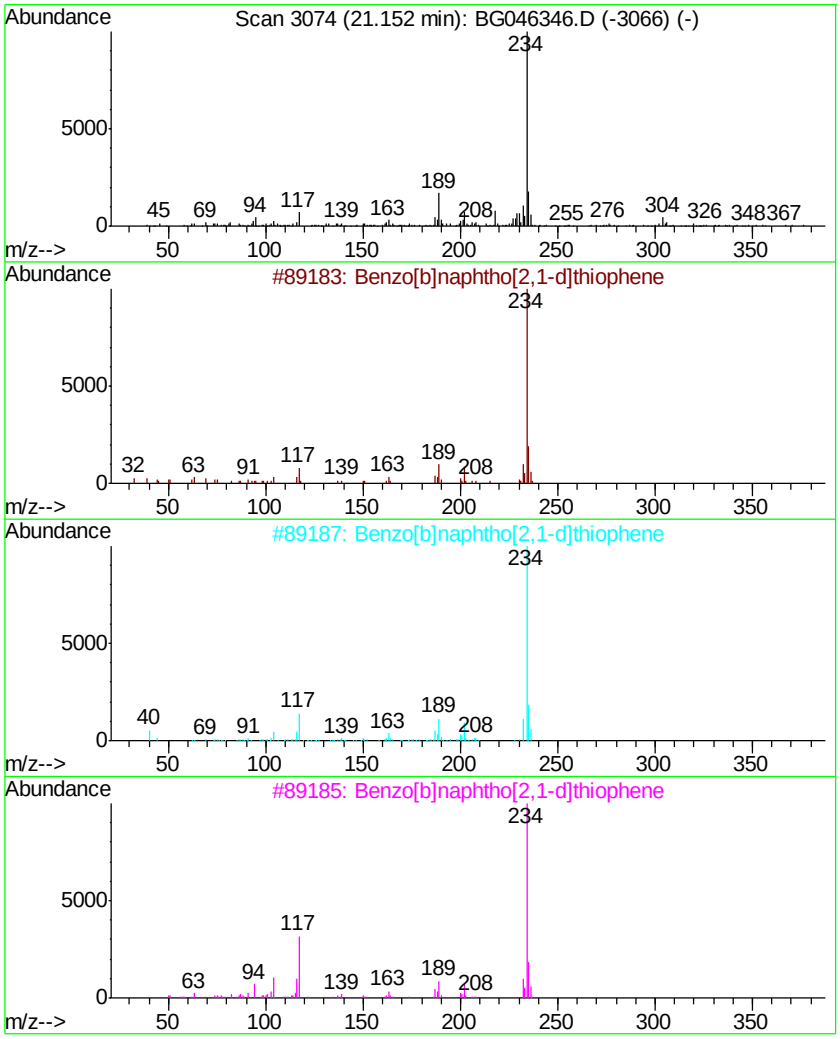
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

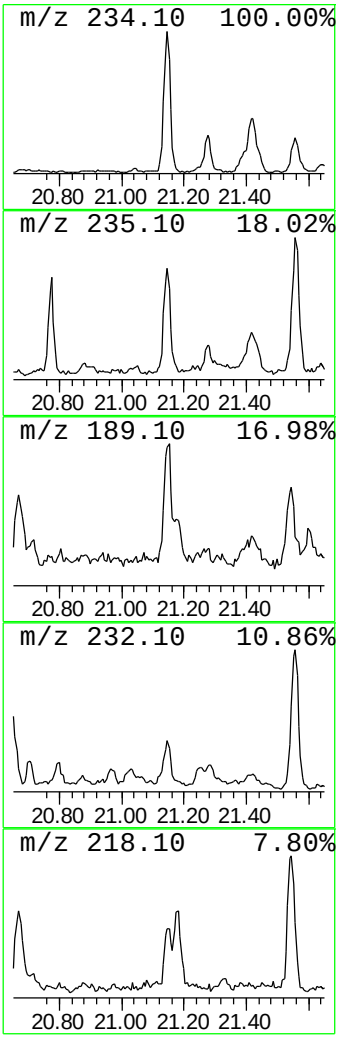
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.16 ng/ul	286436	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046346.D
Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

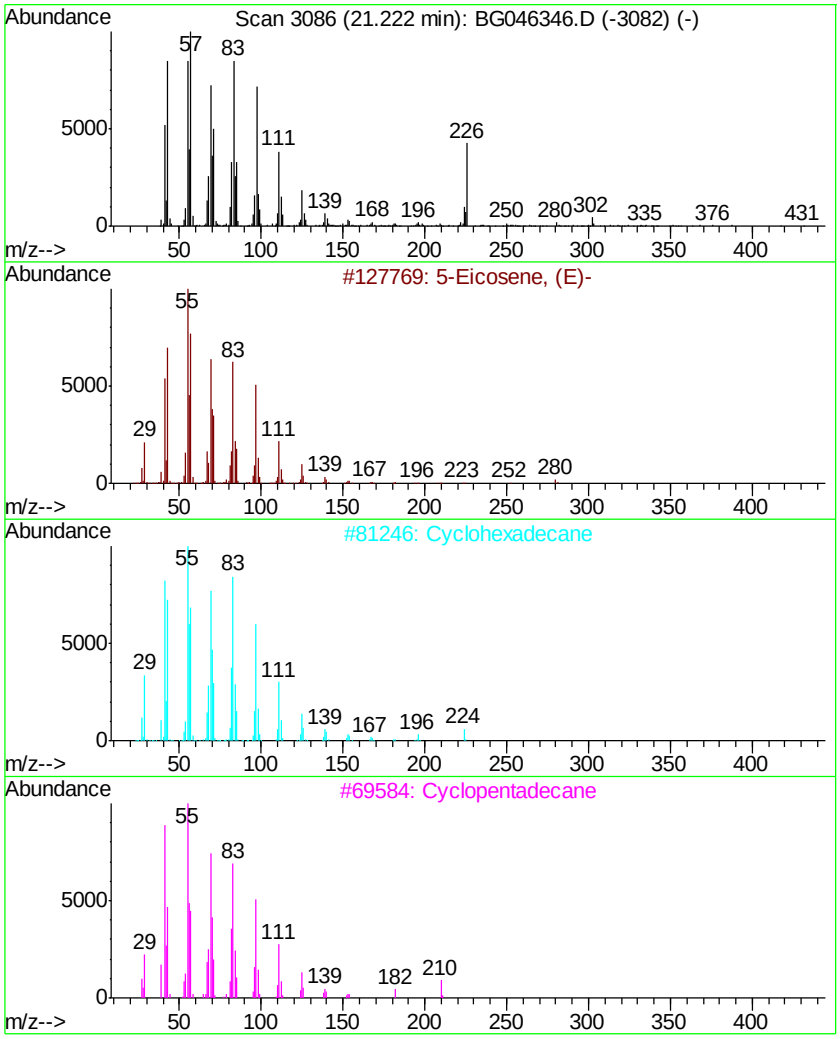
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

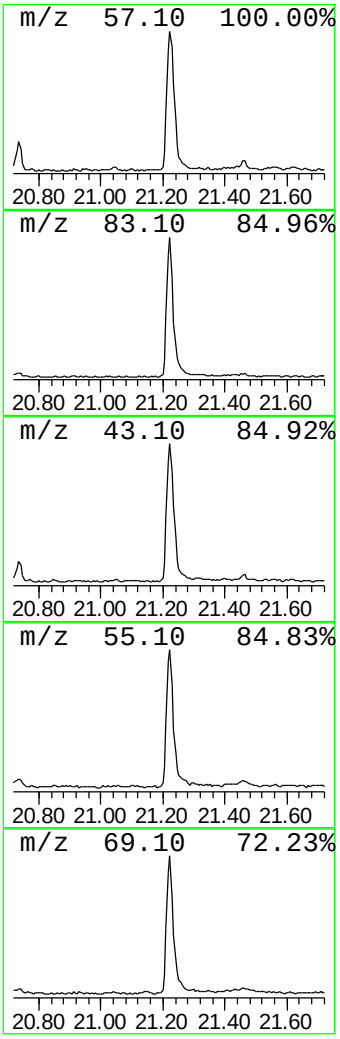
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	8.74 ng/ul	1160730	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	Z-8-Hexadecene	224	C16H32	1000130-87-5	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046346.D
Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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

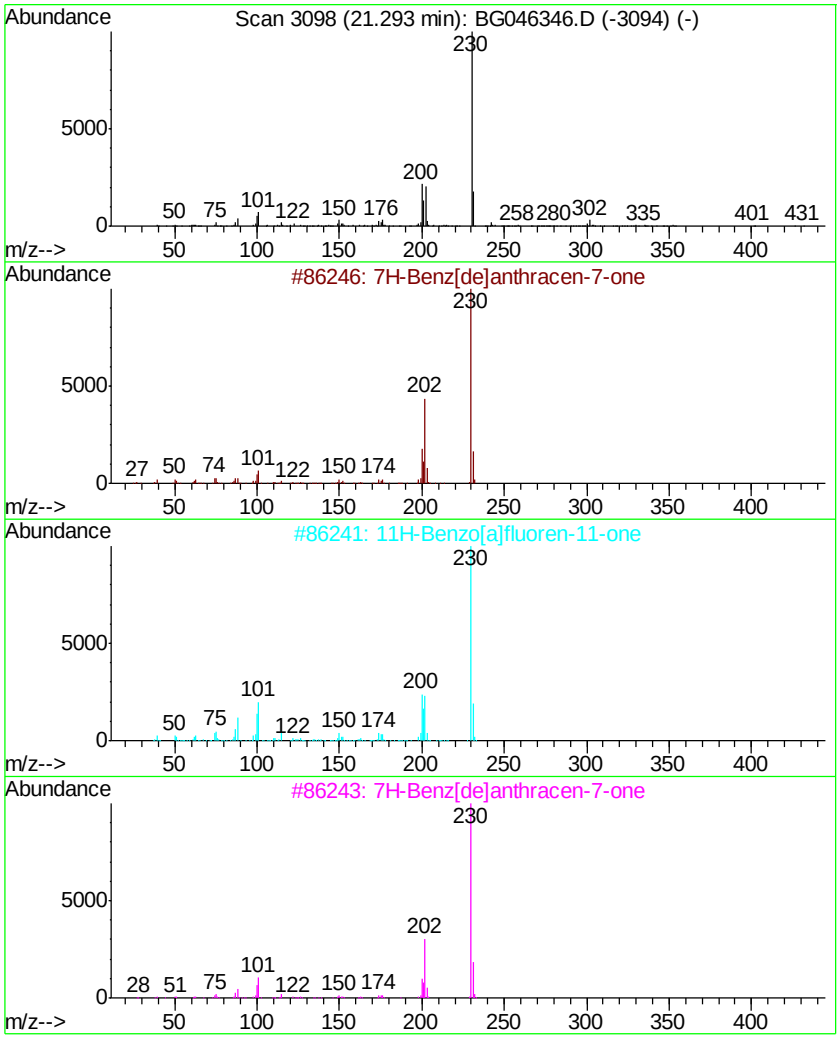
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

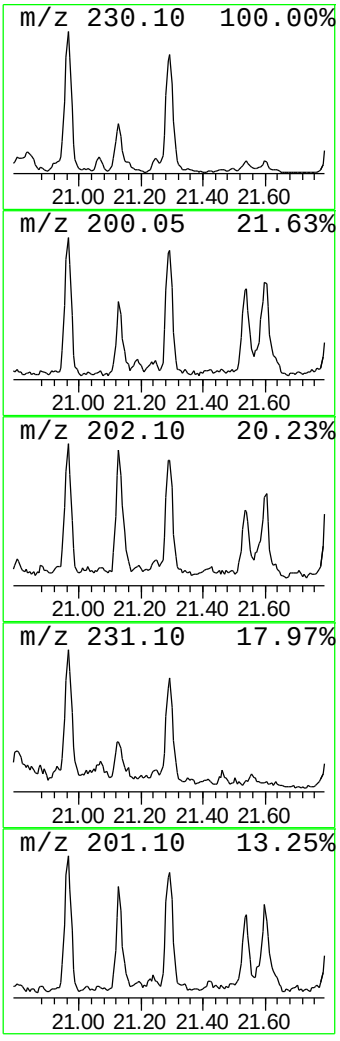
****

Peak Number 30 7H-Benz[de]anthracen-7-one Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.10 ng/ul	278770	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
5	o-Terphenyl	230	C18H14	000084-15-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046346.D
Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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

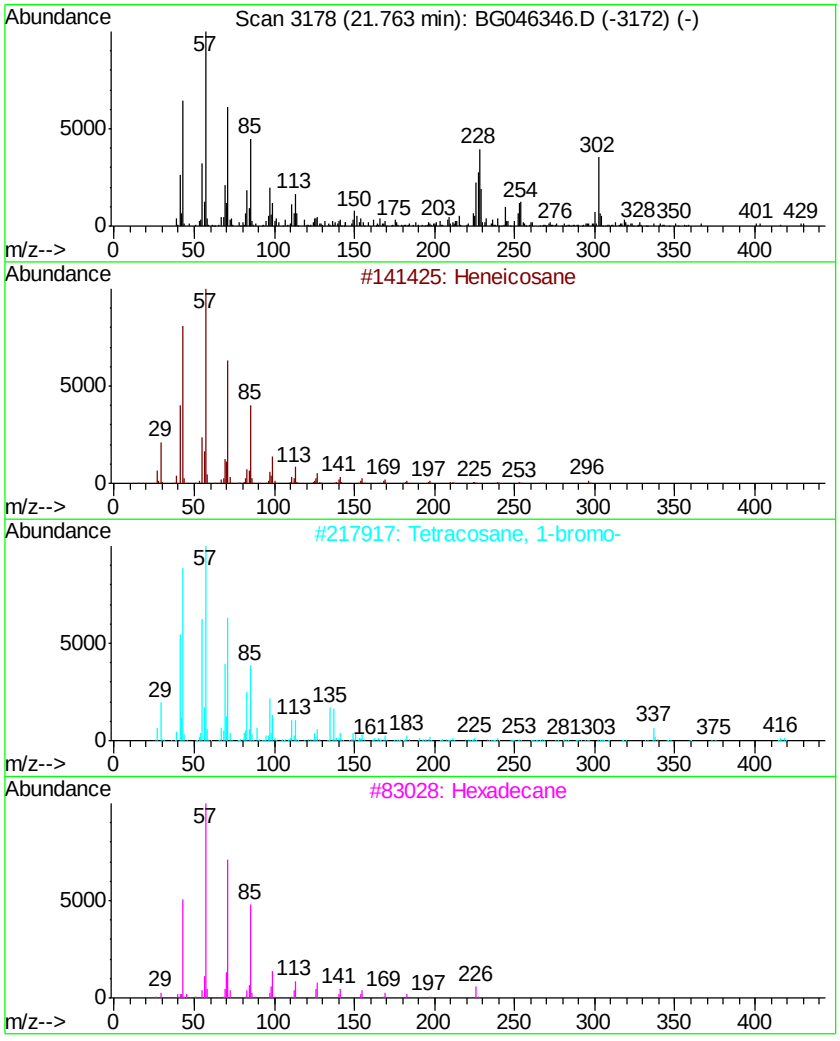
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

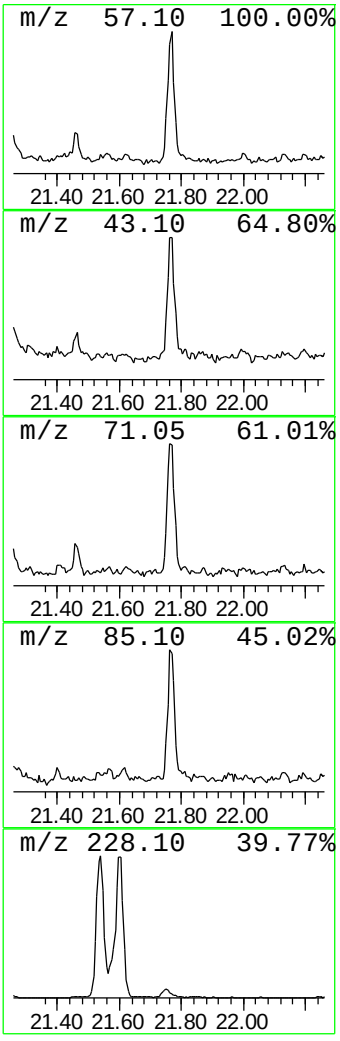
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.31 ng/ul	306422	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	55
2	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	52
3	Hexadecane	226	C16H34	000544-76-3	46
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	46
5	Octadecane	254	C18H38	000593-45-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046346.D
Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

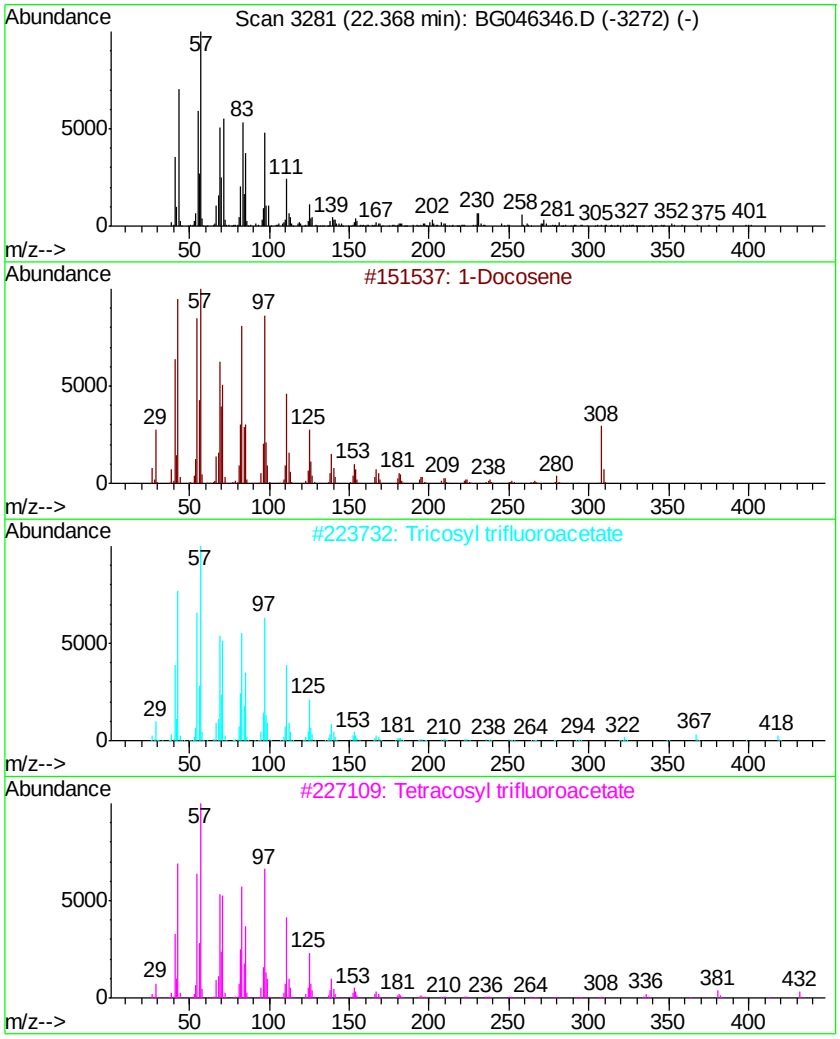
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

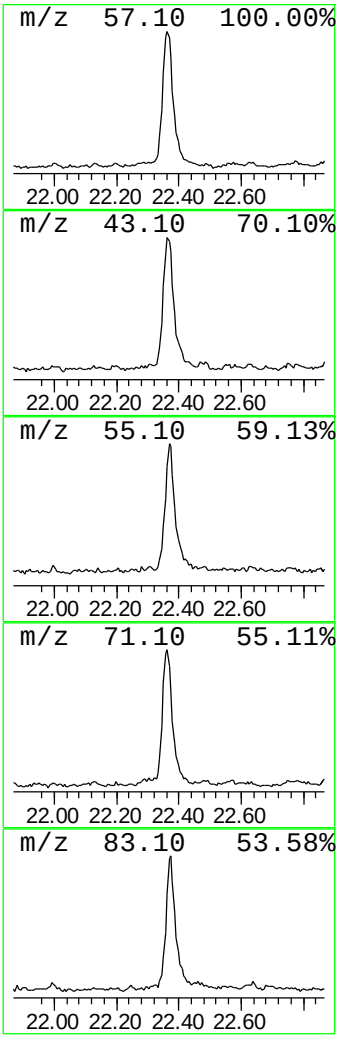
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	5.12 ng/ul	680765	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
3	Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	91
4	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	91
5	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046346.D
Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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

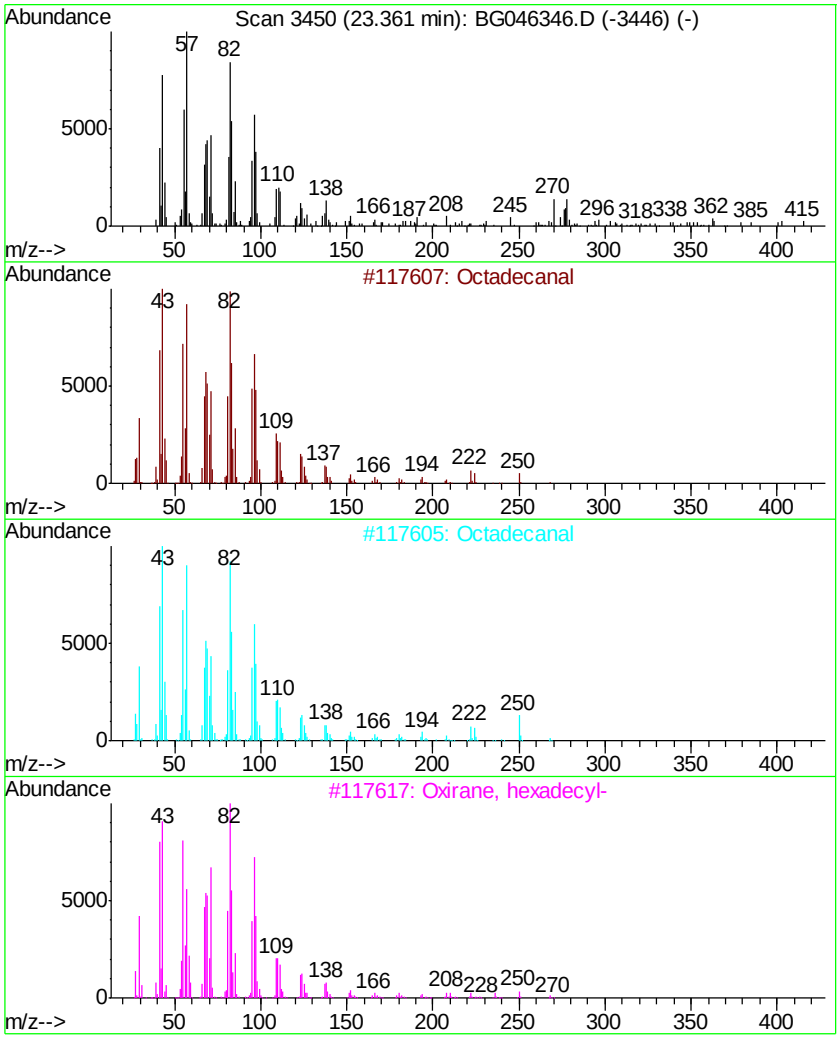
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

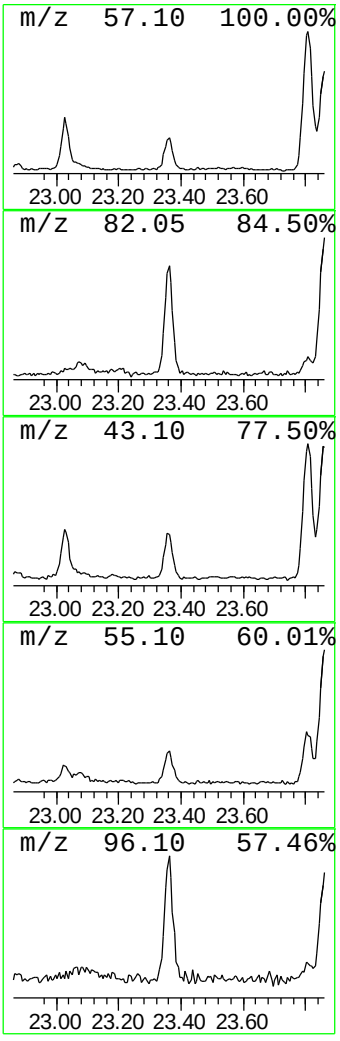
****

Peak Number 33 Octadecanal Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	4.74 ng/ul	309111	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	90
2	Octadecanal	268	C18H36O	000638-66-4	87
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
4	17-Octadecenal	266	C18H34O	056554-86-0	87
5	Octadecanal	268	C18H36O	000638-66-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046346.D
Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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

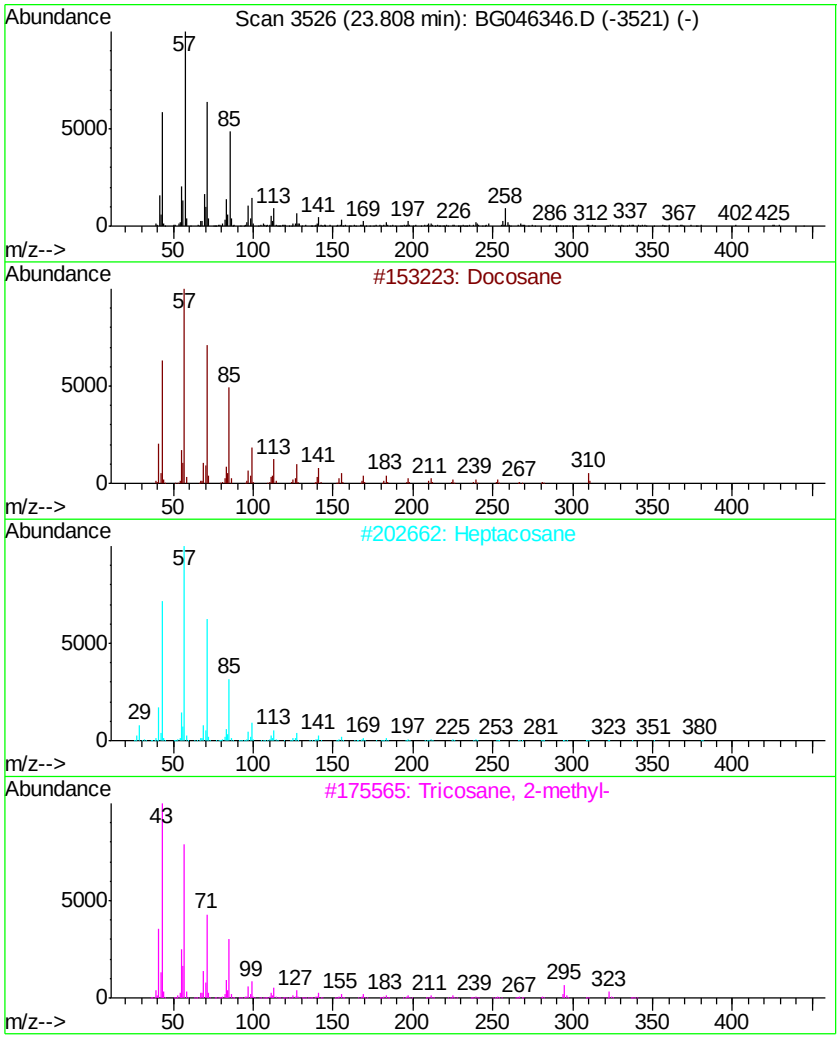
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

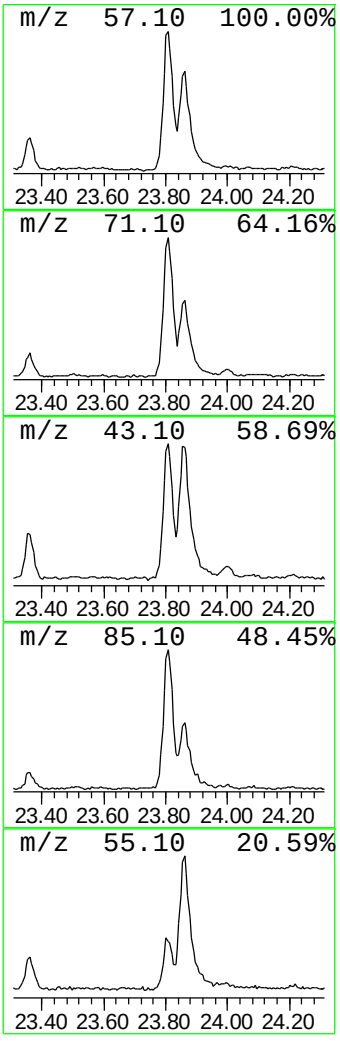
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	6.85 ng/ul	446885	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Heptacosane	380	C27H56	000593-49-7	94
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
5	Tetracosane	338	C24H50	000646-31-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046346.D
Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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

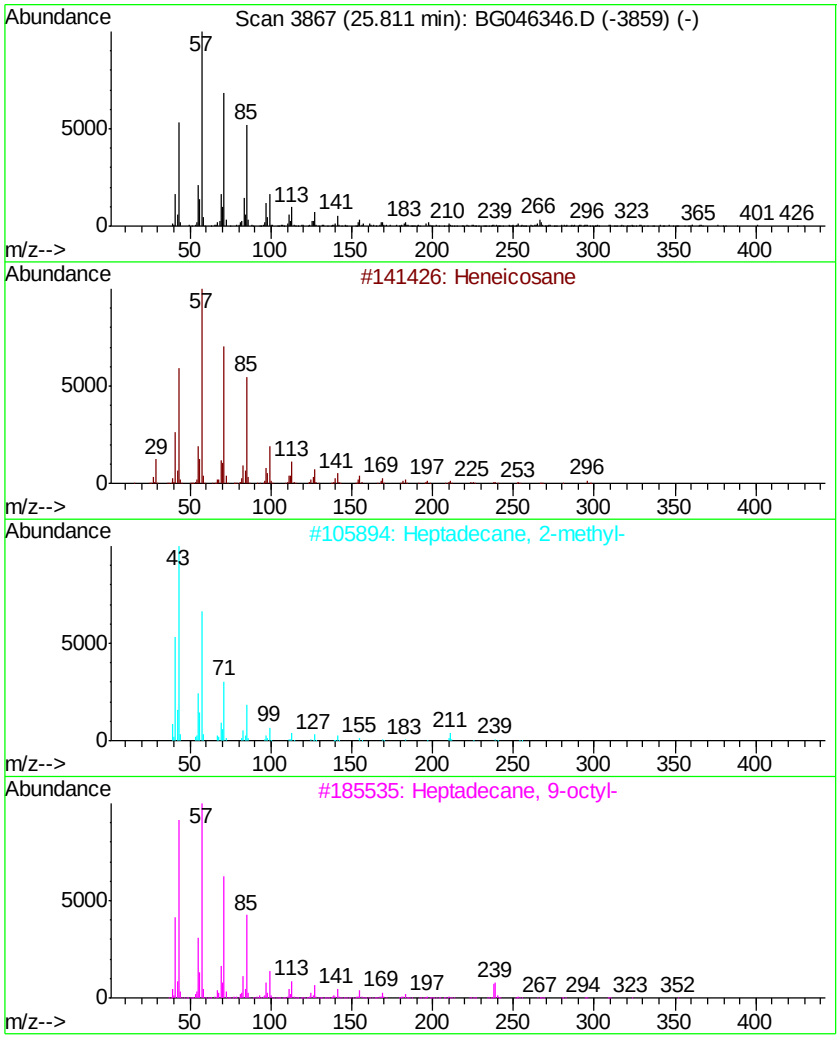
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

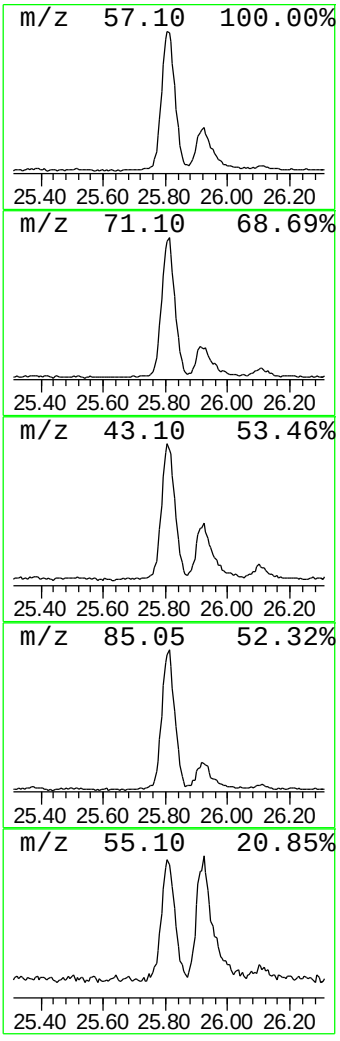
****

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	11.90 ng/ul	776306	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	96
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Tetracosane	338	C24H50	000646-31-1	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046346.D
Acq On : 19 Aug 2020 14:05
Operator : CG/JU
Sample : L3633-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME8

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	100.8	ng/ul	2245110	1	7.94	445312	20.0
unknown-01	3.91	3.4	ng/ul	76329	1	7.94	445312	20.0
Hexanoic acid, 4-...	7.11	31.3	ng/ul	697347	1	7.94	445312	20.0
unknown-02	7.26	23.5	ng/ul	523092	1	7.94	445312	20.0
unknown-03	7.47	31.4	ng/ul	698888	1	7.94	445312	20.0
Ethanol, 2-(2-eth...	7.53	2.5	ng/ul	54627	1	7.94	445312	20.0
unknown-04	8.64	36.3	ng/ul	808215	1	7.94	445312	20.0
1H-Imidazole, 4-m...	9.09	30.8	ng/ul	685027	1	7.94	445312	20.0
unknown-05	9.81	17.1	ng/ul	587108	2	10.73	685104	20.0
unknown-06	10.86	17.6	ng/ul	602419	2	10.73	685104	20.0
unknown-07	13.97	27.9	ng/ul	1396310	3	14.57	999782	20.0
Dimethyl phthalate	14.02	10.5	ng/ul	524613	3	14.57	999782	20.0
unknown-08	14.76	9.8	ng/ul	488331	3	14.57	999782	20.0
unknown-09	15.68	9.9	ng/ul	493686	3	14.57	999782	20.0
Phenanthrene, 1-m...	18.18	2.7	ng/ul	169655	4	17.31	1263360	20.0
n-Hexadecanoic acid	18.21	3.2	ng/ul	199570	4	17.31	1263360	20.0
Phenanthrene, 2-m...	18.23	3.9	ng/ul	246653	4	17.31	1263360	20.0
Benzaldehyde, 3,5...	18.38	5.4	ng/ul	340785	4	17.31	1263360	20.0
Anthracene, 2-met...	18.41	2.1	ng/ul	133989	4	17.31	1263360	20.0
5,16[1',2']:8,13[...	18.68	2.7	ng/ul	169443	4	17.31	1263360	20.0
9,10-Anthracenedione	18.72	2.8	ng/ul	179374	4	17.31	1263360	20.0
Phenanthrene, 2,5...	19.10	3.3	ng/ul	205745	4	17.31	1263360	20.0
Cyclopenta(def)ph...	19.24	3.2	ng/ul	200979	4	17.31	1263360	20.0
Pyrene, 1-methyl-	20.04	2.7	ng/ul	354644	5	21.56	2657210	20.0
11H-Benzo[b]fluorene	20.21	2.3	ng/ul	302187	5	21.56	2657210	20.0
unknown-10	20.56	2.1	ng/ul	281982	5	21.56	2657210	20.0
11H-Benzo[a]fluor...	20.96	2.3	ng/ul	310761	5	21.56	2657210	20.0
Benzo[b]naphtho[2...	21.15	2.2	ng/ul	286436	5	21.56	2657210	20.0
(DEL) Alkane: Str...	21.22	8.7	ng/ul	1160730	5	21.56	2657210	20.0
7H-Benz[de]anthra...	21.29	2.1	ng/ul	278770	5	21.56	2657210	20.0
(DEL) Alkane: Str...	21.76	2.3	ng/ul	306422	5	21.56	2657210	20.0
(DEL) Alkane: Str...	22.37	5.1	ng/ul	680765	5	21.56	2657210	20.0
Octadecanal	23.36	4.7	ng/ul	309111	6	24.66	1304890	20.0
(DEL) Alkane: Str...	23.81	6.8	ng/ul	446885	6	24.66	1304890	20.0
(DEL) Alkane: Str...	25.81	11.9	ng/ul	776306	6	24.66	1304890	20.0