LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046403.D
Acq On : 21 Aug 2020 8:00
Operator : CG/JU
Sample : L3635-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH2

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	1297875	2141665	100.00%	8.427%
2	3.402	48	53	59	rVB3	8582	14601	0.68%	0.057%
3	3.825	121	125	130	rBV4	8457	12667	0.59%	0.050%
4	3.919	136	141	149	rBV	38772	59543	2.78%	0.234%
5	3.996	149	154	159	rVB3	6314	9684	0.45%	0.038%
6	4.049	159	163	169	rBV	12188	19448	0.91%	0.077%
7	5.053	329	334	341	rVB	11754	18692	0.87%	0.074%
8	7.110	677	684	698	rBV	124935	230236	10.75%	0.906%
9	7.268	704	711	724	rVB	115205	195645	9.14%	0.770%
10	7.474	739	746	757	rVV	138653	245040	11.44%	0.964%
11	7.938	819	825	833	rBV	238756	412718	19.27%	1.624%
12	8.649	939	946	955	rBV2	97468	174241	8.14%	0.686%
13	9.096	1014	1022	1034	rBV	131015	247201	11.54%	0.973%
14	9.818	1138	1145	1152	rBV	111732	202038	9.43%	0.795%
15	10.365	1230	1238	1250	rBV	163817	308728	14.42%	1.215%
16	10.735	1293	1301	1308	rBV	344316	600396	28.03%	2.362%
17	10.870	1317	1324	1331	rBV	88991	179060	8.36%	0.705%
18	13.972	1844	1852	1857	rVV	388408	585371	27.33%	2.303%
19	14.019	1857	1860	1866	rVB	62469	81603	3.81%	0.321%
20	14.260	1894	1901	1913	rBV	431221	700486	32.71%	2.756%
21	14.566	1945	1953	1960	rBV	524448	840803	39.26%	3.308%
22	14.630	1960	1964	1971	rVB3	6655	11286	0.53%	0.044%
23	14.771	1981	1988	2004	rBV	44148	101037	4.72%	0.398%
24	14.971	2017	2022	2028	rVV	10022	17938	0.84%	0.071%
25	15.559	2114	2122	2128	rBV	610554	907260	42.36%	3.570%
26	15.612	2128	2131	2137	rVV4	18673	25502	1.19%	0.100%
27	15.676	2137	2142	2151	rVV	125128	189363	8.84%	0.745%
28	15.794	2157	2162	2167	rBV6	5542	10625	0.50%	0.042%
29	15.911	2178	2182	2185	rBV	8909	11790	0.55%	0.046%
30	16.058	2201	2207	2214	rBV2	8916	18021	0.84%	0.071%
31	16.287	2241	2246	2251	rVV6	7040	12874	0.60%	0.051%
32	16.616	2301	2302	2308	rVV4	5680	10536	0.49%	0.041%
33	16.851	2338	2342	2346	rBV3	18001	26370	1.23%	0.104%
34	16.887	2346	2348	2353	rVV4	7658	11179	0.52%	0.044%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3635-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH2

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	rVV	25776	42992	2.01%	0.169%
36	17.045	2371	2375	2381	rVV5	10023	21962	1.03%	0.086%
37	17.127	2386	2389	2394	rVV	13300	21394	1.00%	0.084%
38	17.310	2414	2420	2424	rBV	710491	1081400	50.49%	4.255%
39	17.351	2424	2427	2432	rVV	286945	429321	20.05%	1.689%
40	17.409	2432	2437	2448	rVB2	665368	1035010	48.33%	4.072%
41	17.503	2448	2453	2457	rBV6	7536	11924	0.56%	0.047%
42	17.709	2480	2488	2493	rBV2	18965	36673	1.71%	0.144%
43	17.756	2493	2496	2502	rVB4	7024	11043	0.52%	0.043%
44	17.827	2504	2508	2515	rVB4	10943	17959	0.84%	0.071%
45	17.891	2515	2519	2523	rBV	15708	19614	0.92%	0.077%
46	17.991	2529	2536	2539	rBV8	7559	14970	0.70%	0.059%
47	18.103	2552	2555	2560	rVB4	9187	12314	0.57%	0.048%
48	18.191	2564	2570	2573	rBV	58914	99159	4.63%	0.390%
49	18.238	2573	2578	2582	rVV	83373	134366	6.27%	0.529%
50	18.279	2582	2585	2587	rVV	10048	12292	0.57%	0.048%
51	18.320	2587	2592	2596	rVB2	17748	26071	1.22%	0.103%
52	18.379	2596	2602	2606	rBV2	69341	131131	6.12%	0.516%
53	18.414	2606	2608	2616	rVB	45486	65138	3.04%	0.256%
54	18.502	2619	2623	2625	rBV4	9106	14057	0.66%	0.055%
55	18.532	2625	2628	2633	rVV5	10017	15089	0.70%	0.059%
56	18.684	2650	2654	2657	rBV	55125	77736	3.63%	0.306%
57	18.720	2657	2660	2666	rVB	80033	108320	5.06%	0.426%
58	18.814	2674	2676	2682	rVB7	6417	9914	0.46%	0.039%
59	18.931	2692	2696	2700	rVV4	23700	33205	1.55%	0.131%
60	18.984	2701	2705	2708	rVV	19938	25973	1.21%	0.102%
61	19.019	2708	2711	2715	rVB3	16577	22626	1.06%	0.089%
62	19.102	2720	2725	2730	rVV2	56903	91760	4.28%	0.361%
63	19.166	2730	2736	2738	rVV5	23181	49489	2.31%	0.195%
64	19.190	2738	2740	2744	rVV	17244	22862	1.07%	0.090%
65	19.237	2744	2748	2756	rVB	61053	104568	4.88%	0.411%
66	19.360	2762	2769	2775	rVB	683315	972869	45.43%	3.828%
67	19.425	2777	2780	2783	rBV3	14566	16871	0.79%	0.066%
68	19.460	2783	2786	2790	rVB5	20370	28319	1.32%	0.111%
69	19.513	2791	2795	2798	rBV2	28823	36420	1.70%	0.143%
70	19.560	2799	2803	2806	rBV2	25026	34129	1.59%	0.134%
71	19.601	2808	2810	2814	rVB2	13257	17363	0.81%	0.068%

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Sample : L3635-06
Misc :
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Instrument : BNA_G
ClientSampleId : BFMH2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

72	19.695	2820	2826	2829	rBV	1013162	1573009	73.45%	6.189%
73	19.724	2829	2831	2839	rVV	637735	729393	34.06%	2.870%
74	19.801	2839	2844	2848	rVB2	34677	60503	2.83%	0.238%
75	19.901	2857	2861	2867	rBV	33643	53023	2.48%	0.209%
76	19.954	2868	2870	2877	rVB4	19689	29527	1.38%	0.116%
77	20.030	2877	2883	2895	rBV4	313119	563993	26.33%	2.219%
78	20.183	2904	2909	2910	rBV3	42576	61129	2.85%	0.241%
79	20.212	2911	2914	2919	rVB2	78635	115477	5.39%	0.454%
80	20.318	2928	2932	2936	rBV	30932	44140	2.06%	0.174%
81	20.377	2936	2942	2946	rVV2	78003	135913	6.35%	0.535%
82	20.512	2962	2965	2969	rBV	46563	62759	2.93%	0.247%
83	20.559	2969	2973	2977	rVV2	42953	65188	3.04%	0.256%
84	20.970	3039	3043	3050	rVB	94562	146707	6.85%	0.577%
85	21.140	3067	3072	3077	rBV2	48634	116182	5.42%	0.457%
86	21.193	3077	3081	3083	rVV	66851	108557	5.07%	0.427%
87	21.223	3083	3086	3094	rVV4	278515	507040	23.68%	1.995%
88	21.293	3094	3098	3107	rVB	93611	164861	7.70%	0.649%
89	21.464	3123	3127	3133	rVB	114275	161451	7.54%	0.635%
90	21.558	3135	3143	3148	rVV3	881202	1861153	86.90%	7.323%
91	21.605	3148	3151	3159	rVB	295987	464353	21.68%	1.827%
92	23.684	3498	3505	3513	rBV	216885	700615	32.71%	2.757%
93	23.808	3521	3526	3530	rBV	93582	161268	7.53%	0.635%
94	23.861	3530	3535	3542	rVB2	105933	218840	10.22%	0.861%
95	24.384	3617	3624	3629	rBV	107080	285885	13.35%	1.125%
96	24.454	3629	3636	3643	rVV	460678	1248383	58.29%	4.912%
97	24.519	3643	3647	3658	rVB	176341	426256	19.90%	1.677%
98	24.666	3664	3672	3681	rBV2	453619	1279046	59.72%	5.032%
99	25.805	3859	3866	3876	rVB2	134105	380937	17.79%	1.499%
100	25.917	3880	3885	3894	rBV7	53160	150196	7.01%	0.591%

Sum of corrected areas: 25415734

LSC Report - Integrated Chromatogram

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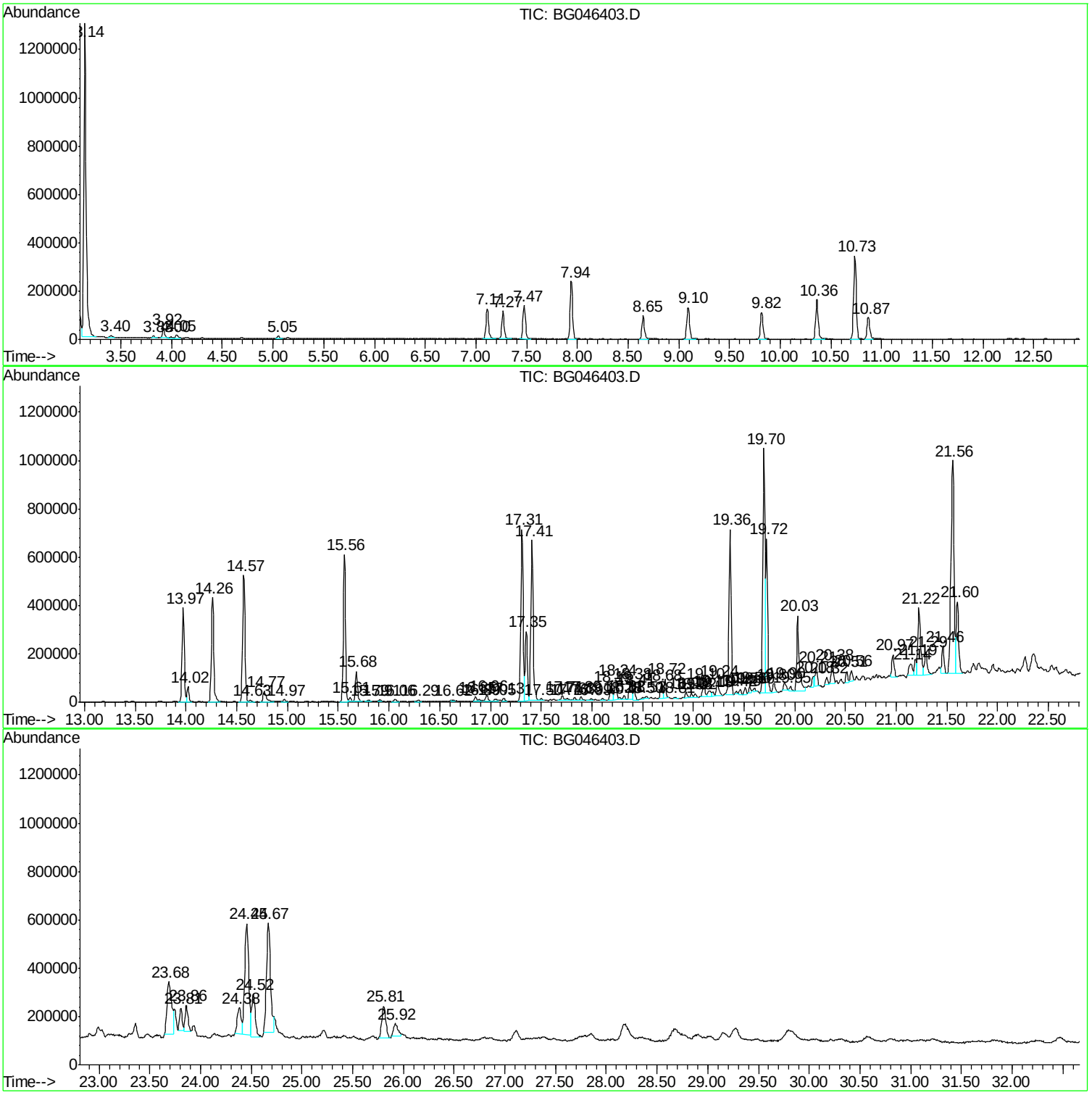
Data File : BG046403.D
Acq On : 21 Aug 2020 8:00
Operator : CG/JU
Sample : L3635-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH2

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 : BG046403.D
Acq On : 21 Aug 2020 8:00
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Instrument : BNA_G
ClientSampleId : BFMH2

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

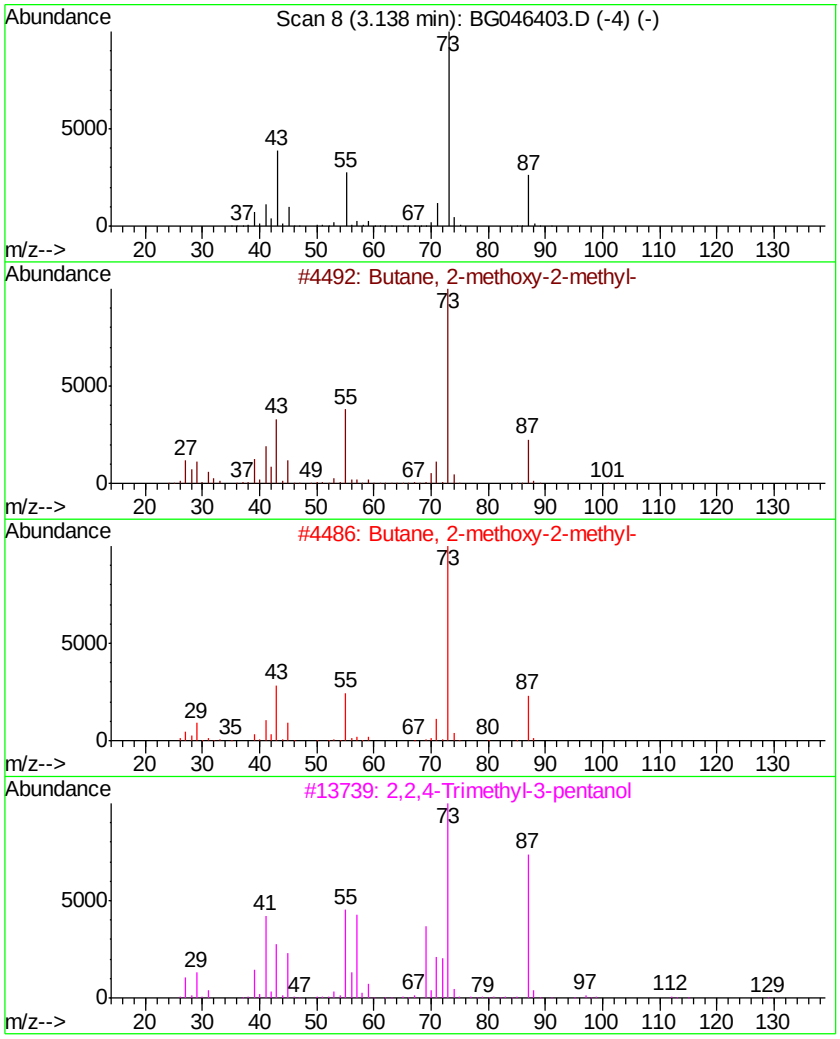
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

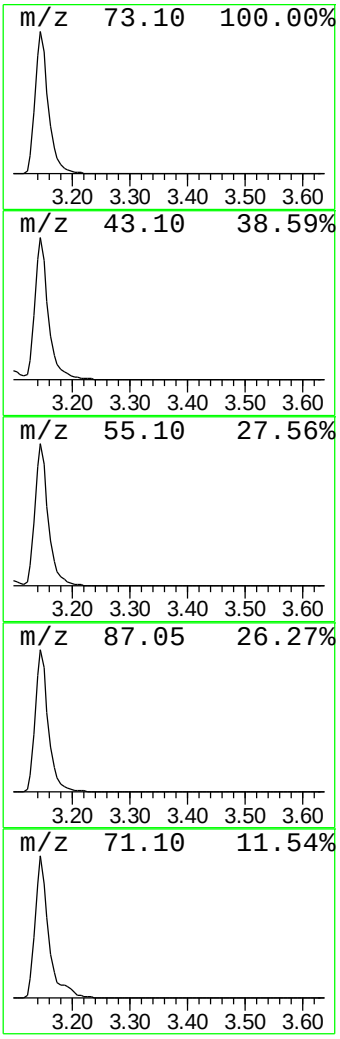
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	103.78 ng/ul	2141670	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH2

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

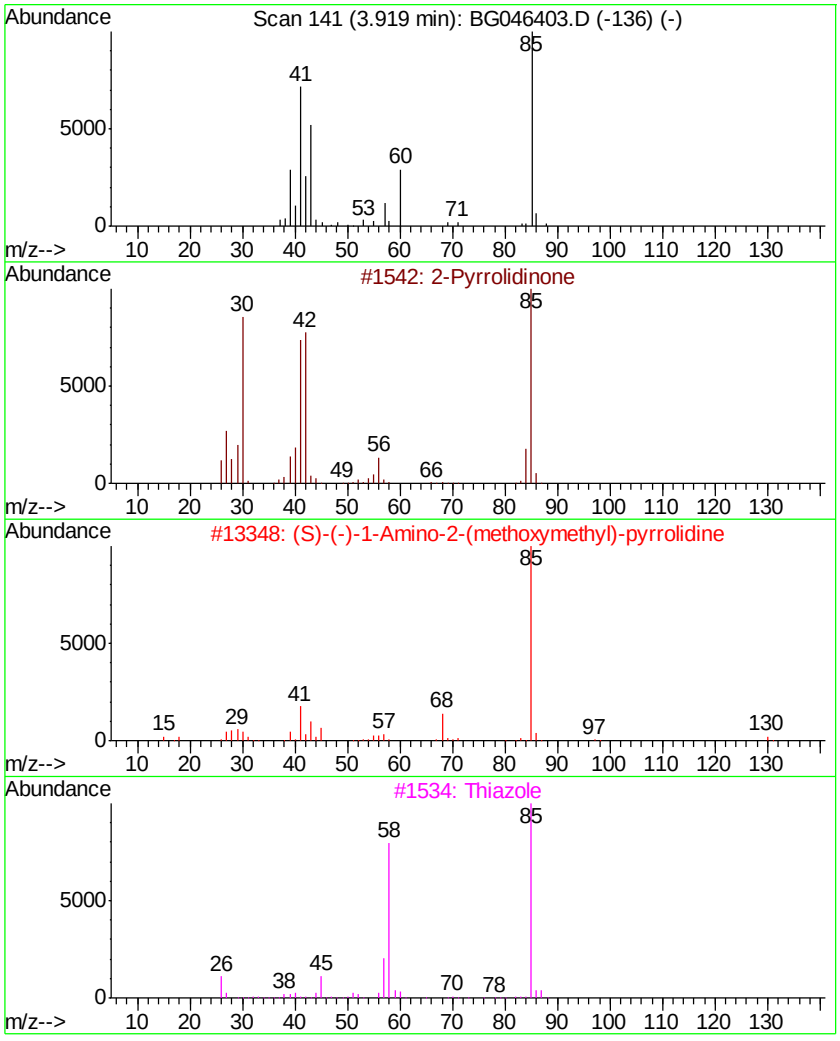
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

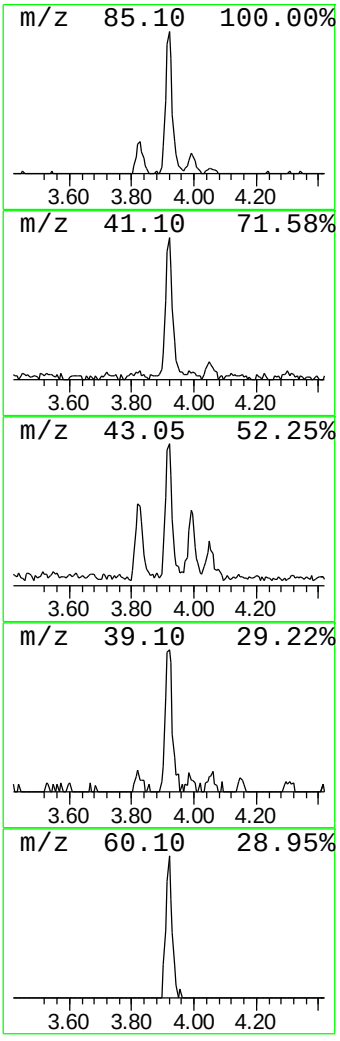
****

Peak Number 2 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	2.89 ng/ul	59543	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
2	(S)-(-)-1-Amino-2-(methoxymethyl...	130	C6H14N2O	059983-39-0	28
3	Thiazole	85	C3H3NS	000288-47-1	9
4	Thiazole	85	C3H3NS	000288-47-1	9
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Library Search Compound Report

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

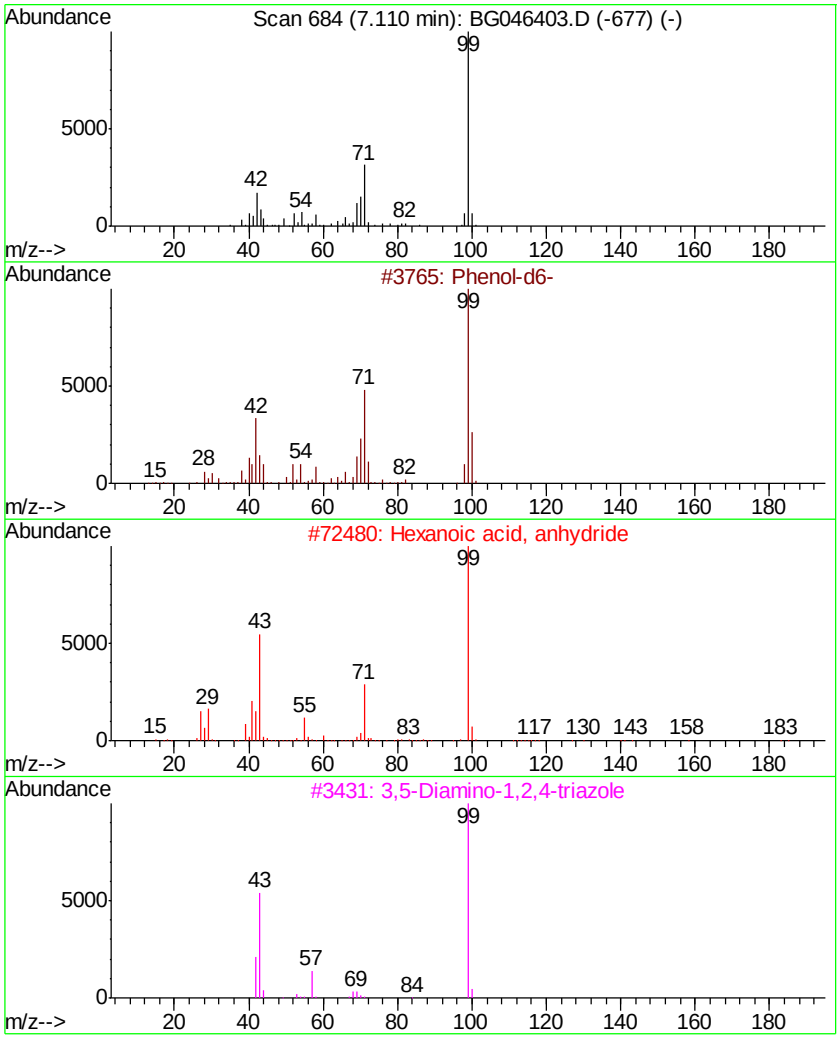
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

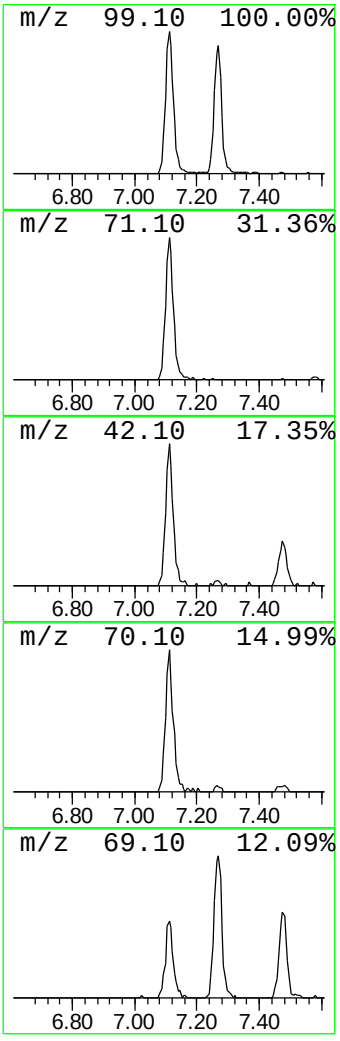
****

Peak Number 3 Hexanoic acid, anhydride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	11.16 ng/ul	230236	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol-d6-	100	C6D6O	013127-88-3	56
2	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
3	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	50
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	45
5	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	45





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : BFMH2

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

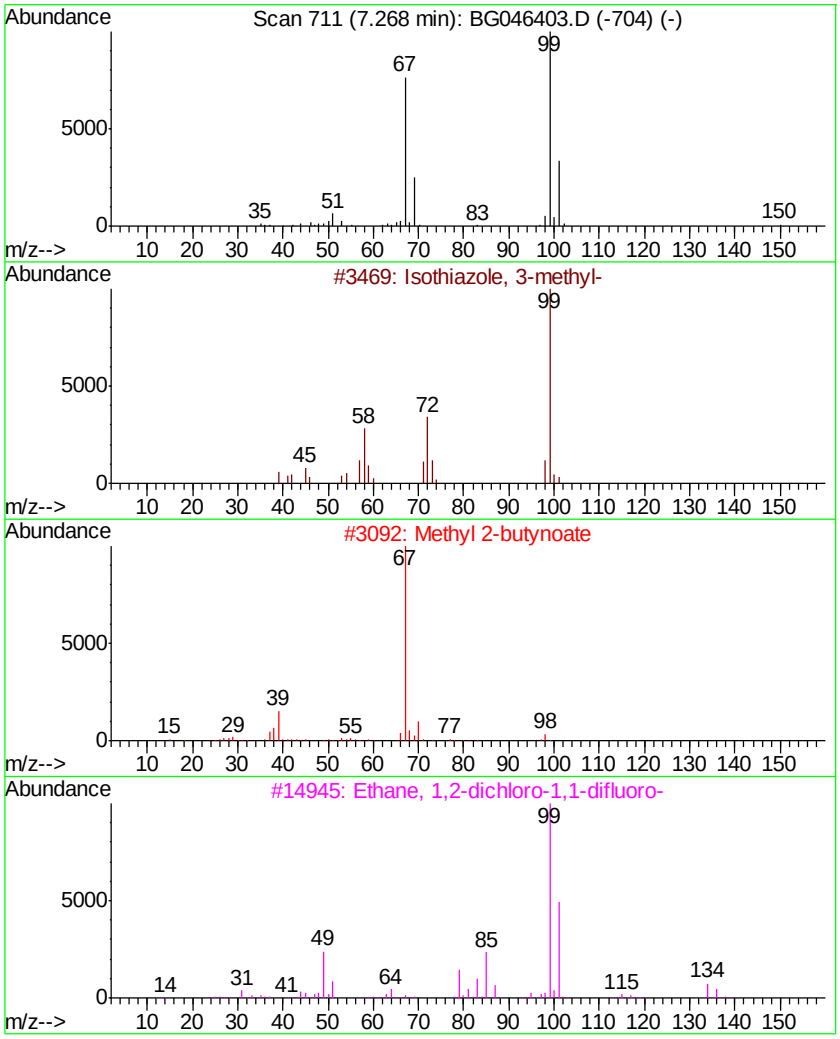
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

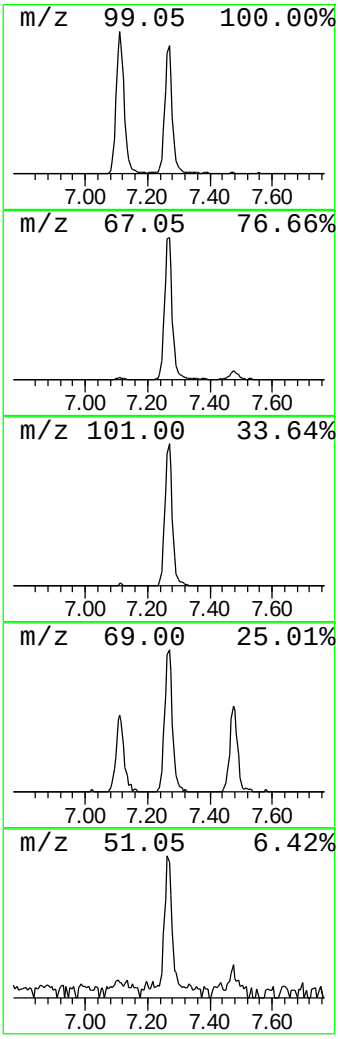
****

Peak Number 4 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	9.48 ng/ul	195645	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
3	Ethane, 1,2-dichloro-1,1-difluoro-	134	C2H2Cl2F2	001649-08-7	9
4	Trifluoroacetamide, N-dimethylam...	168	C5H7F3N2O	1000334-54-6	9
5	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9





Library Search Compound Report

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Data File : BG046403.D
Acq On : 21 Aug 2020 8:00
Operator : CG/JU
Sample : L3635-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH2

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

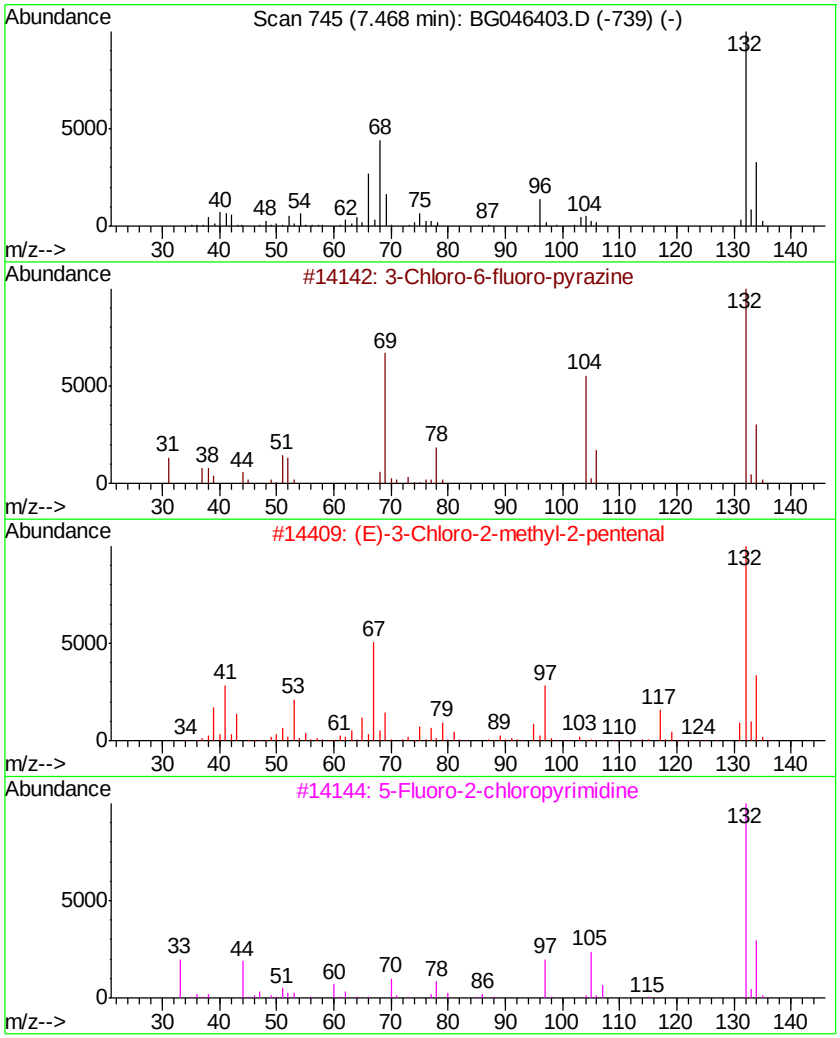
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

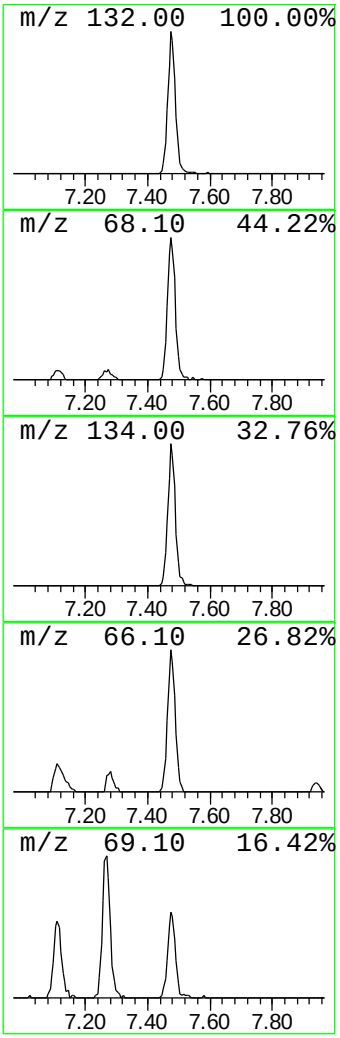
****

Peak Number 5 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	11.87 ng/ul	245040	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : L3635-06
Misc :
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Instrument : BNA_G
ClientSampleId : BFMH2

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Quant Title : SVOA CALIBRATION

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

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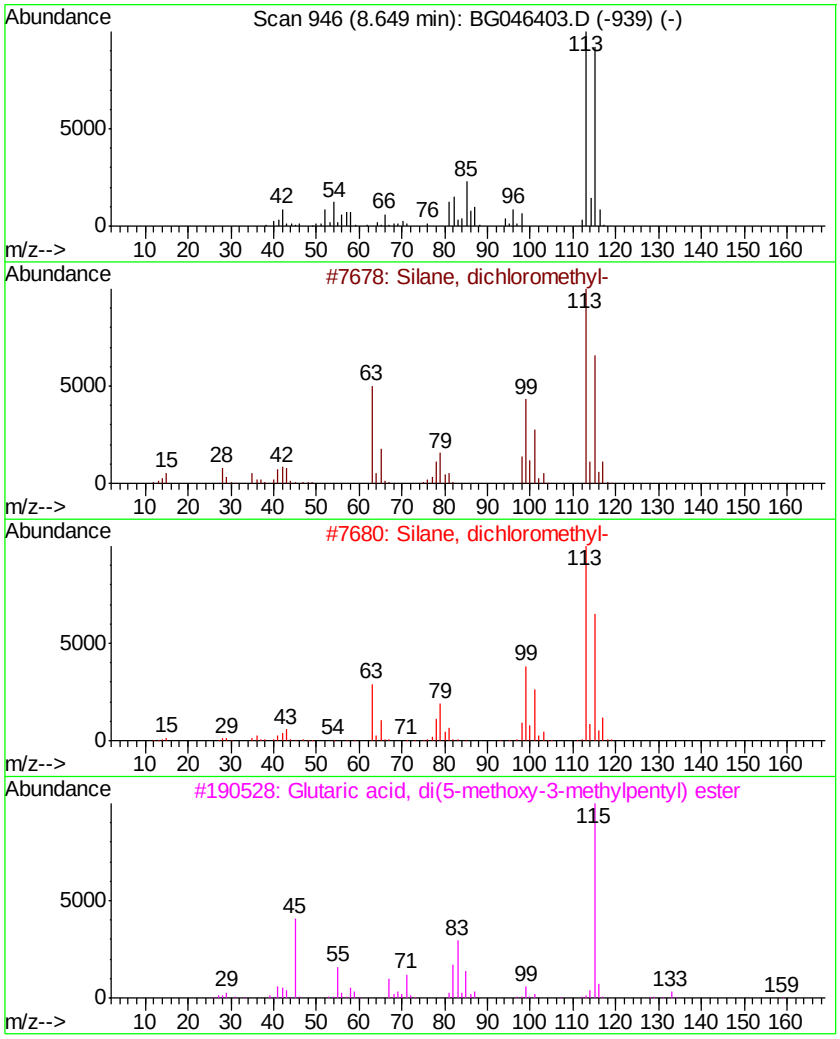
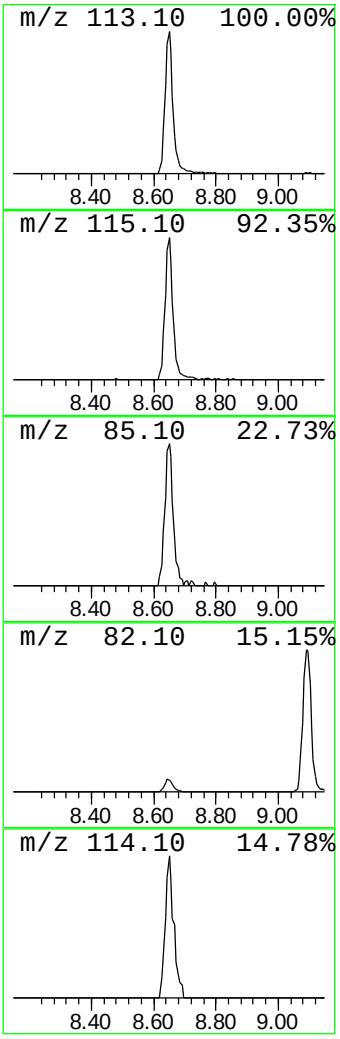
Peak Number 6 Silane, dichloromethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	8.44 ng/ul	174241	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	64
2	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
3	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	35
4	Furazan-3-amine, 4-methoxy-	115	C3H5N3O2	078350-48-8	35
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32





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ClientSampleId : BFMH2

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Quant Title : SVOA CALIBRATION

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

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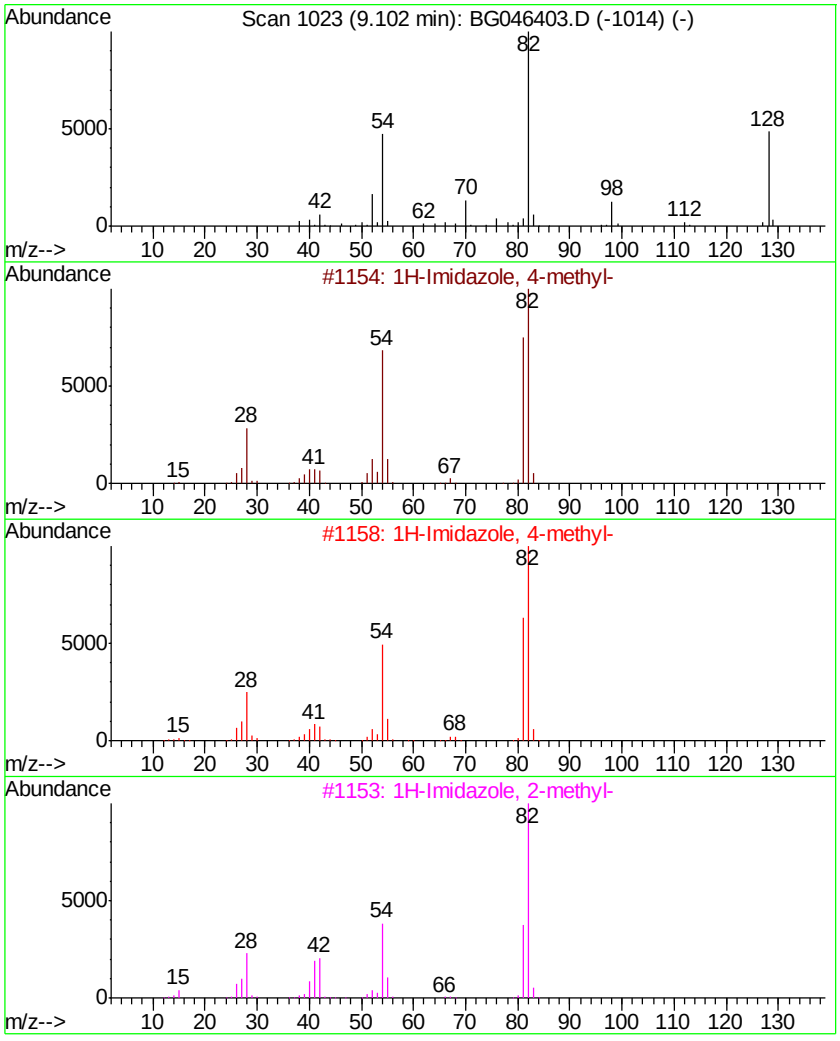
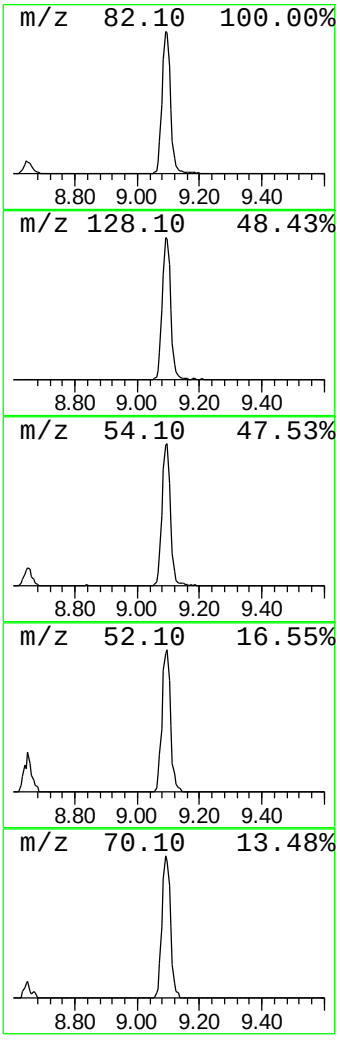
Peak Number 7 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	11.98 ng/ul	247201	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	37





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ClientSampleId : BFMH2

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Quant Title : SVOA CALIBRATION

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

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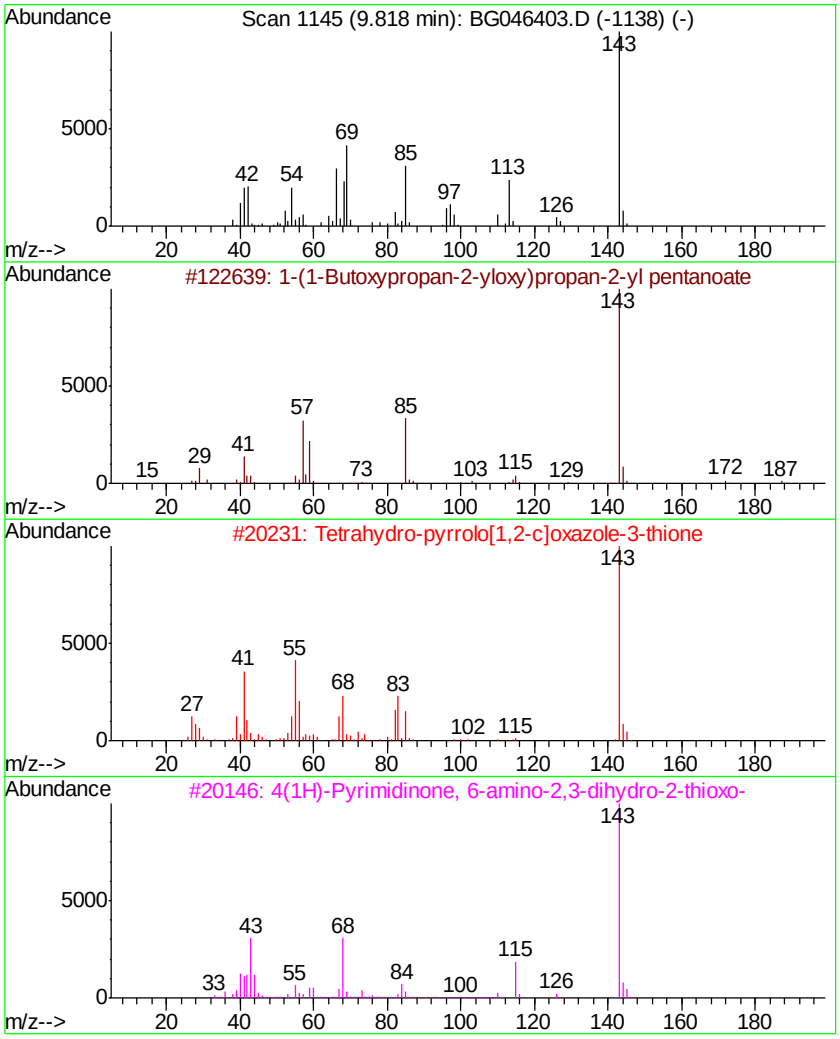
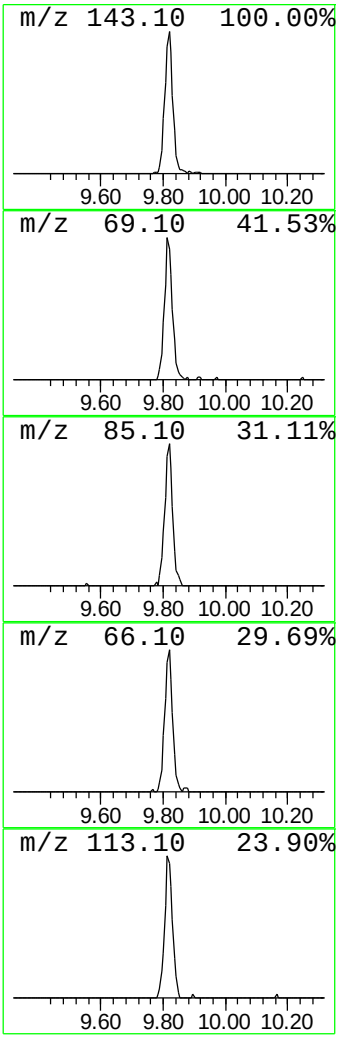
Peak Number 8 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	6.73 ng/ul	202038	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	22
2	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
3	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	16
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12
5	3-Cyclopentylpropionic acid, pen...	212	C13H24O2	1000292-33-2	10





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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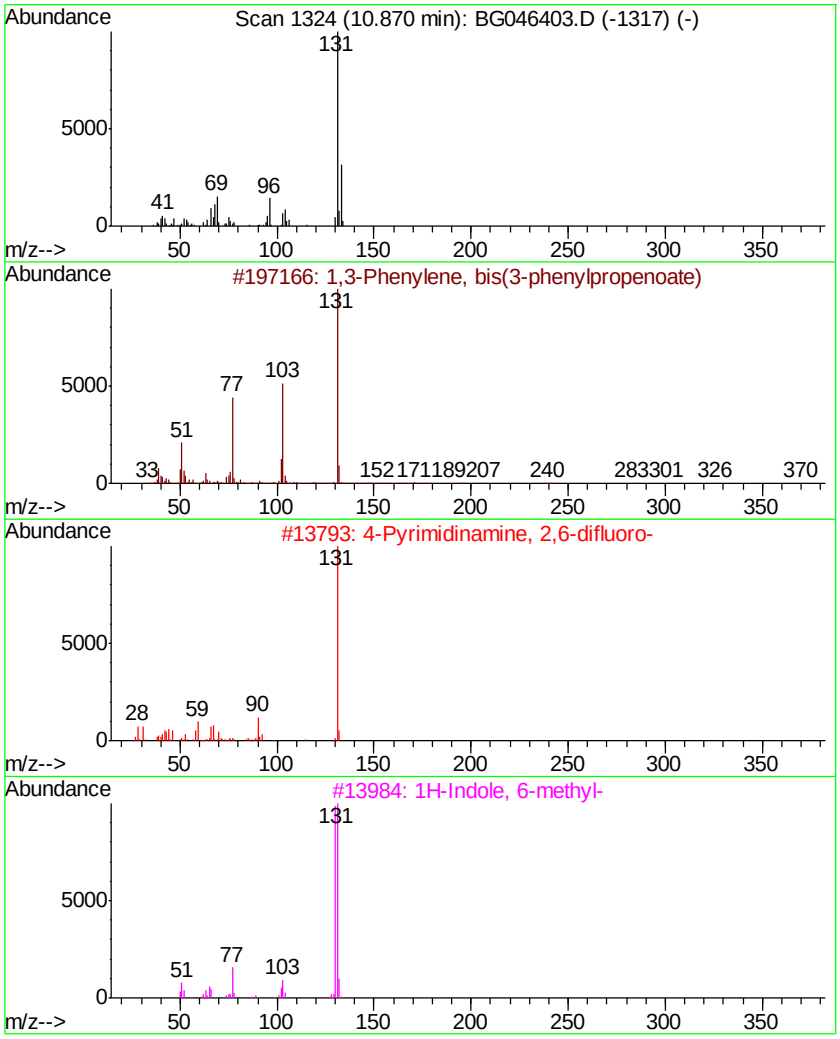
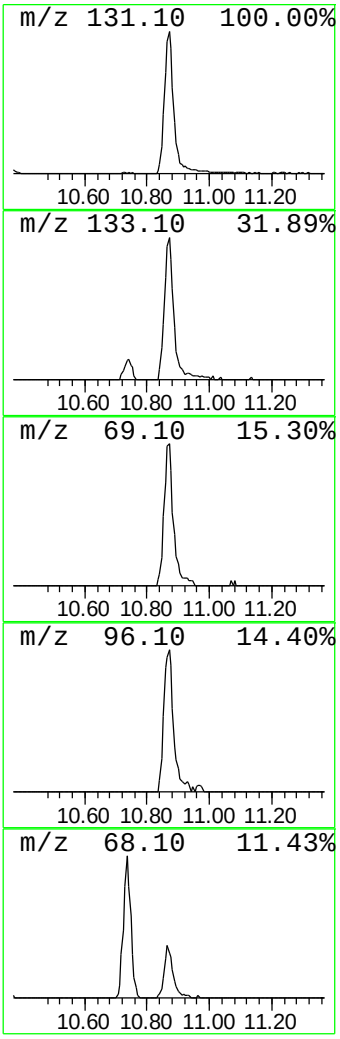
Peak Number 9 unknown-06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	5.96 ng/ul	179060	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Phenylene, bis(3-phenylprope...	370	C24H18O4	1000259-62-4	25
2	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
3	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	9
4	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	9
5	1H-Indole, 7-methyl-	131	C9H9N	000933-67-5	9





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Misc :
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Instrument : BNA_G
ClientSampleId : BFMH2

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Quant Title : SVOA CALIBRATION

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

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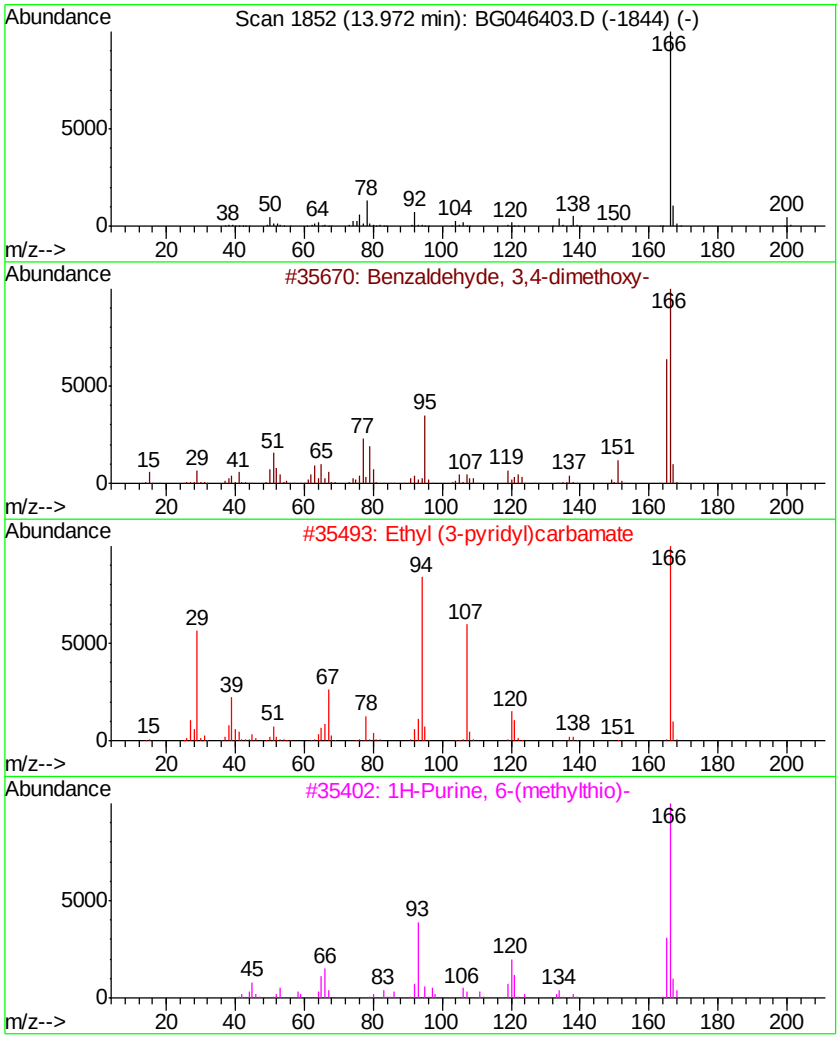
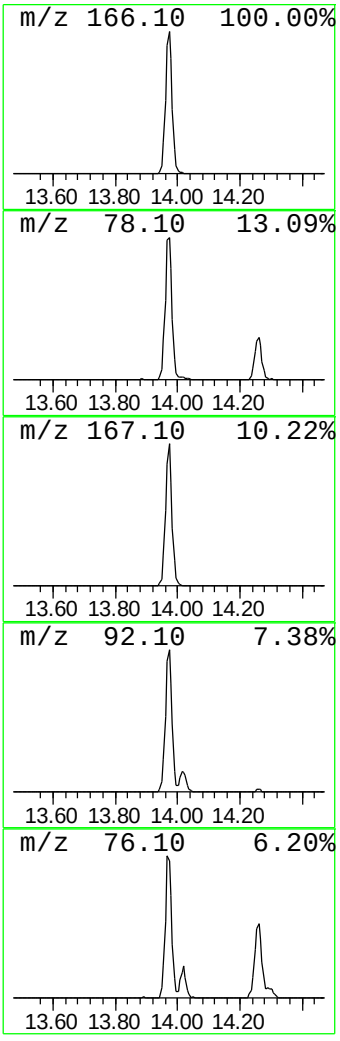
Peak Number 10 unknown-07 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	13.92 ng/ul	585371	Acenaphthene-d10	14.57

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





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Instrument : BNA_G
ClientSampleId : BFMH2

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Quant Title : SVOA CALIBRATION

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

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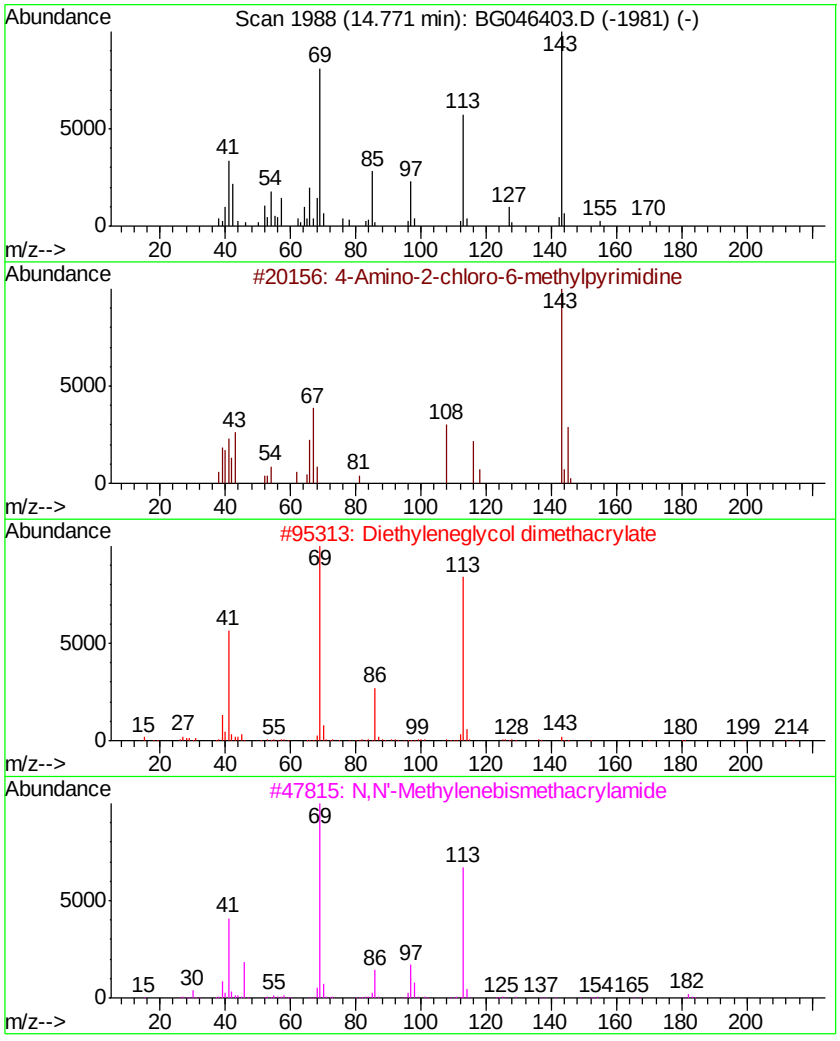
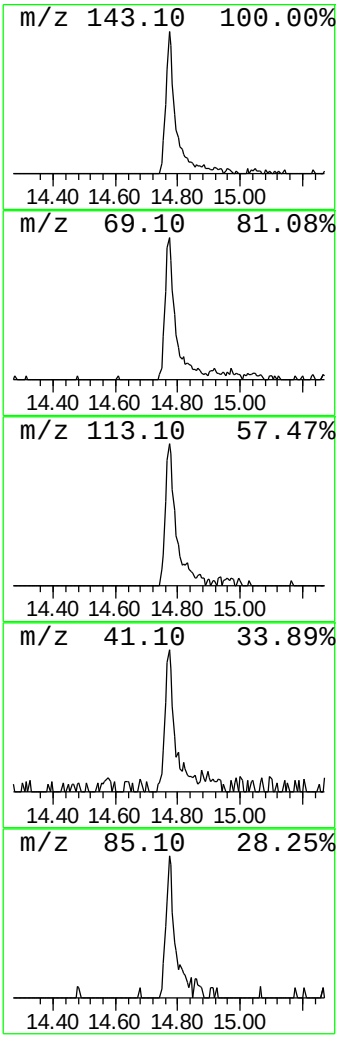
Peak Number 11 unknown-08 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.40 ng/ul	101037	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	35
2	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	12
3	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	12
4	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	10
5	1-Cyclopentylethanol, trifluoroa...	210	C9H13F3O2	1000364-11-9	10





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Misc :
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Instrument : BNA_G
ClientSampleId : BFMH2

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Quant Title : SVOA CALIBRATION

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

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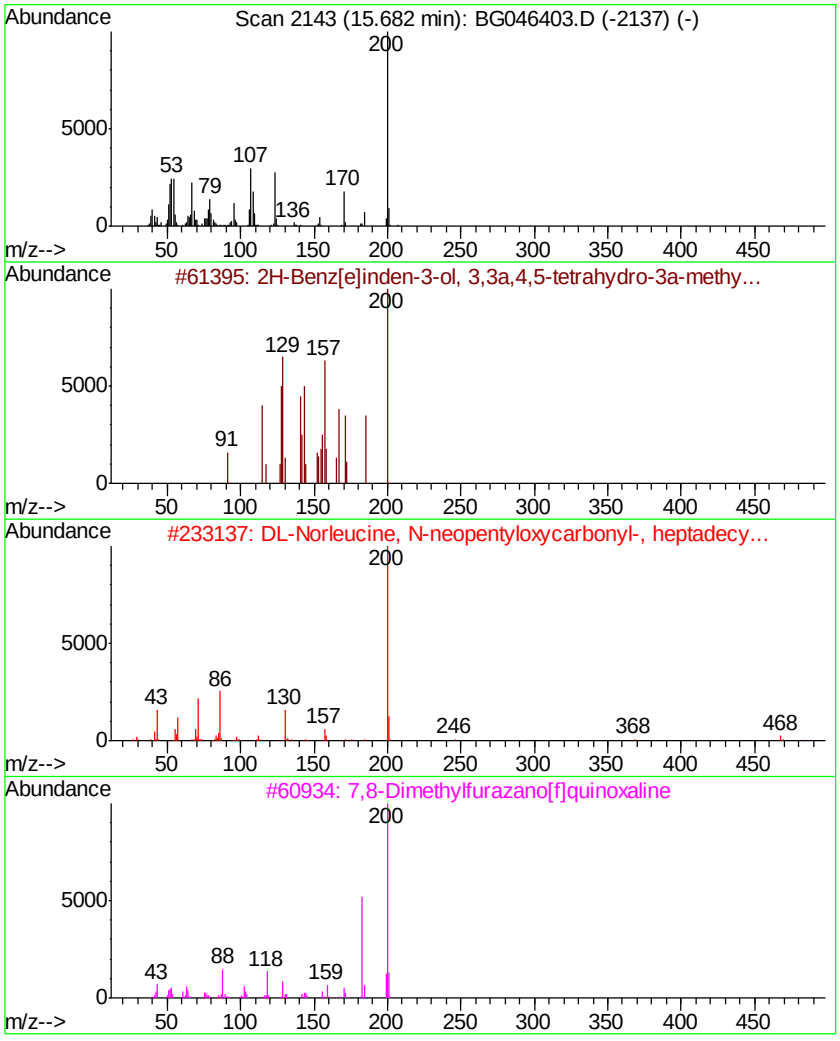
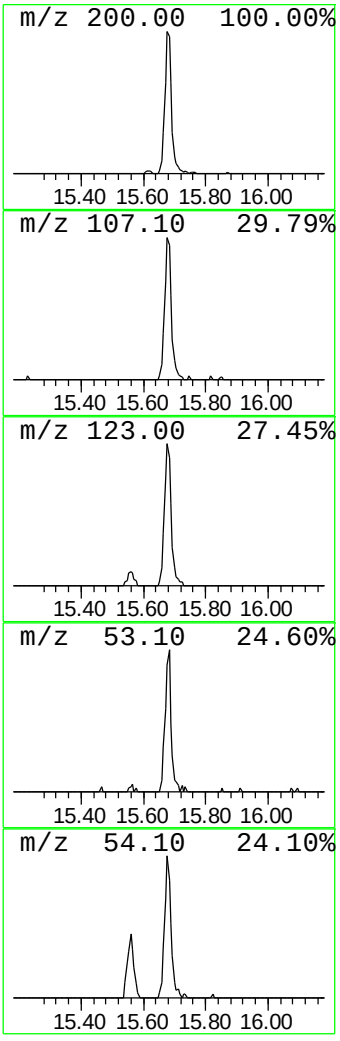
Peak Number 12 unknown-09 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	4.50 ng/ul	189363	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	DL-Norleucine, N-neopentyloxycar...	483	C29H57NO4	1000339-05-9	14
3	7,8-Dimethylfurazano[f]quinoxaline	200	C10H8N4O	1000110-74-6	12
4	Phosphine, methyldiphenyl-	200	C13H13P	001486-28-8	12
5	Benzenamine, 3-(4-aminophenoxy)-	200	C12H12N2O	002657-87-6	12





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ClientSampleId : BFMH2

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Quant Title : SVOA CALIBRATION

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

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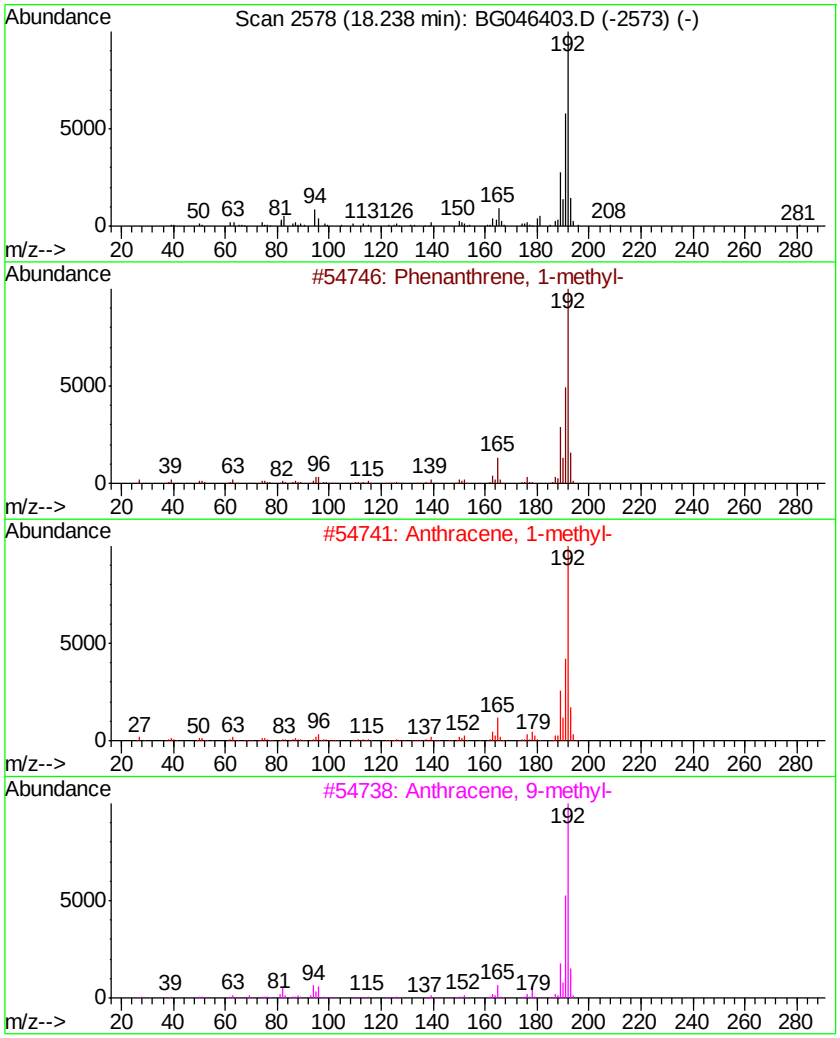
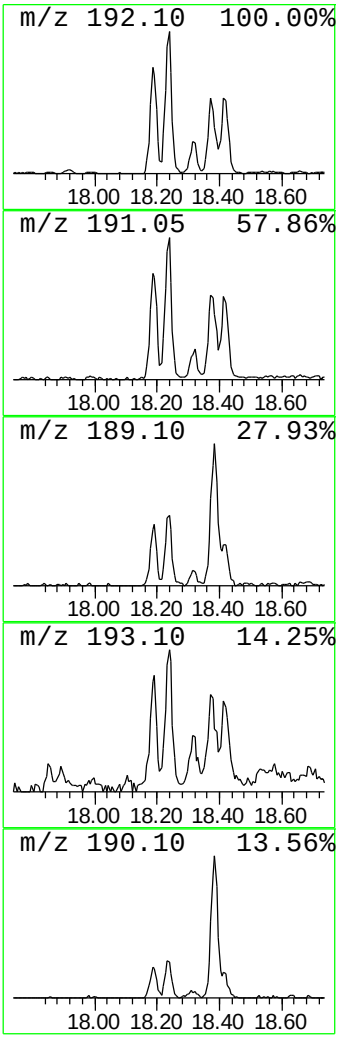
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.49 ng/ul	134366	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





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Quant Title : SVOA CALIBRATION

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

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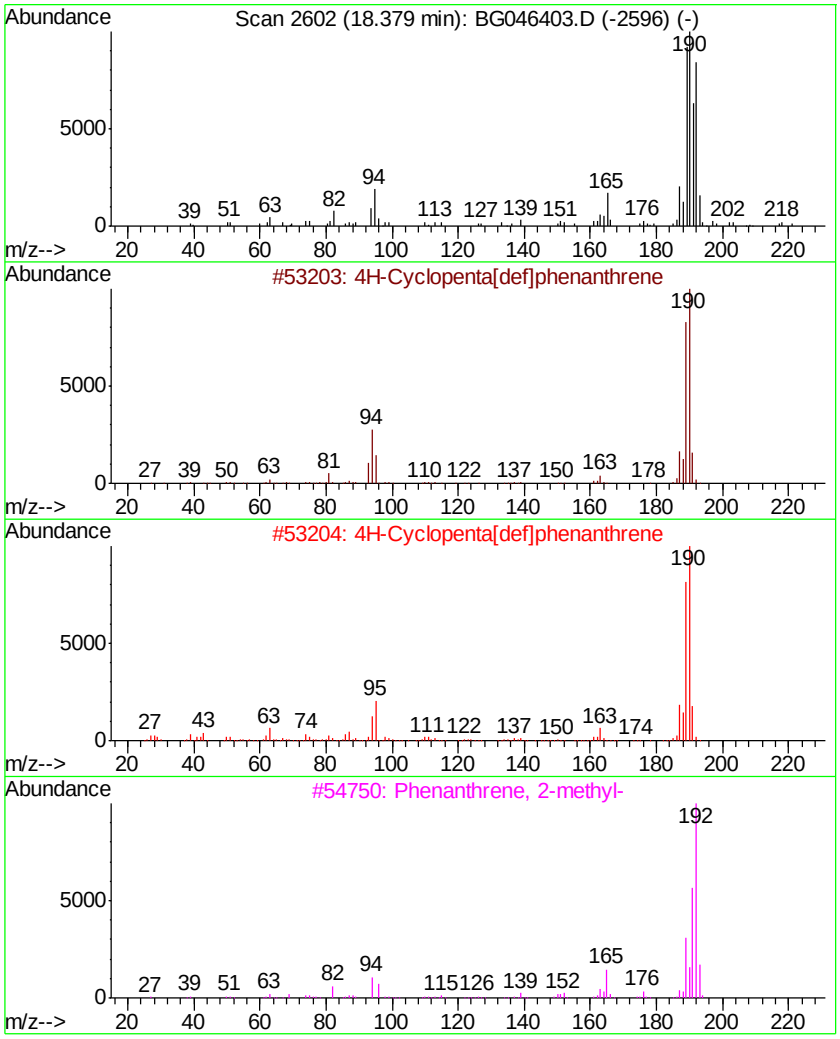
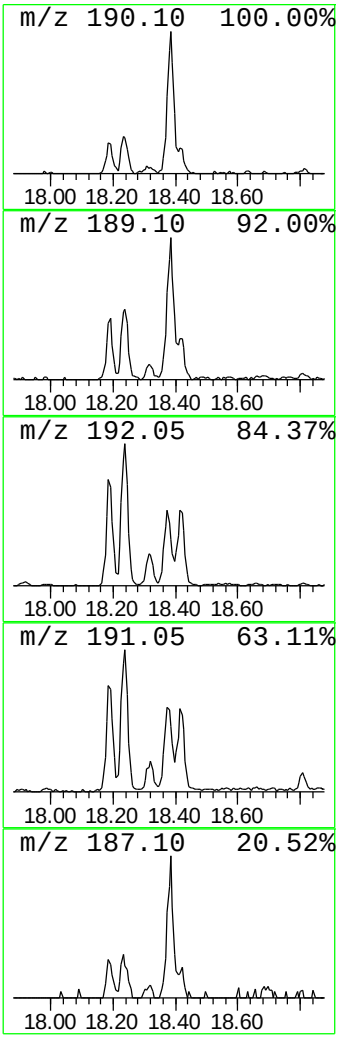
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.43 ng/ul	131131	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





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Quant Title : SVOA CALIBRATION

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

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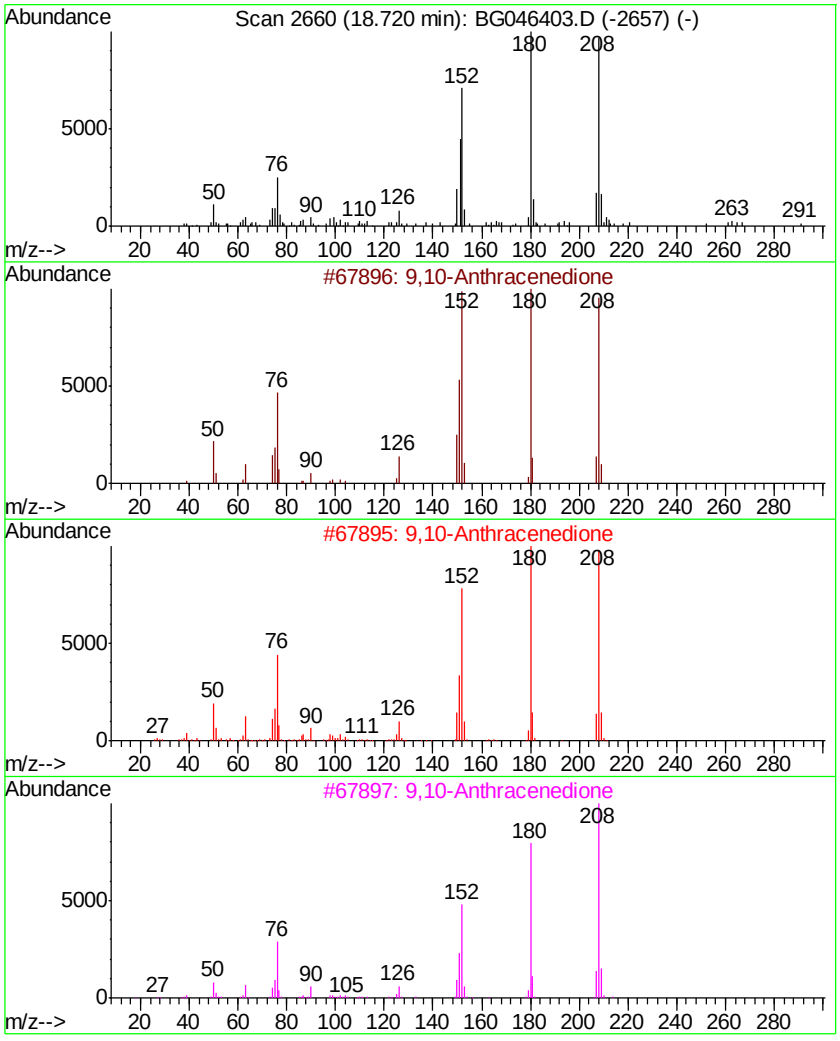
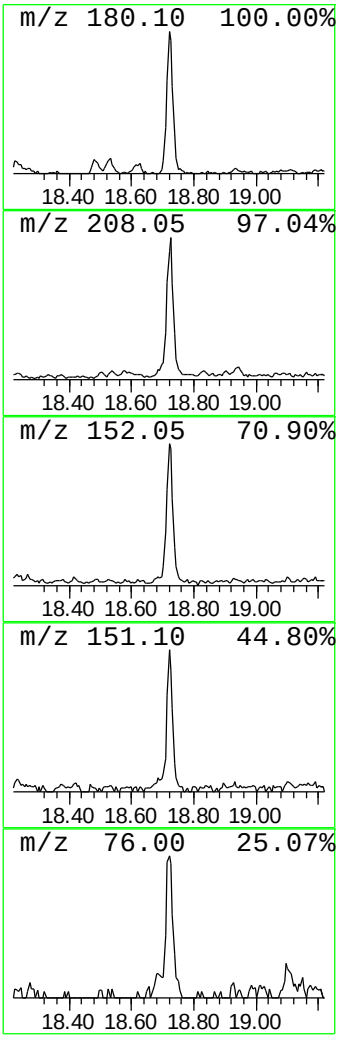
Peak Number 15 9,10-Anthracenedione Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.00 ng/ul	108320	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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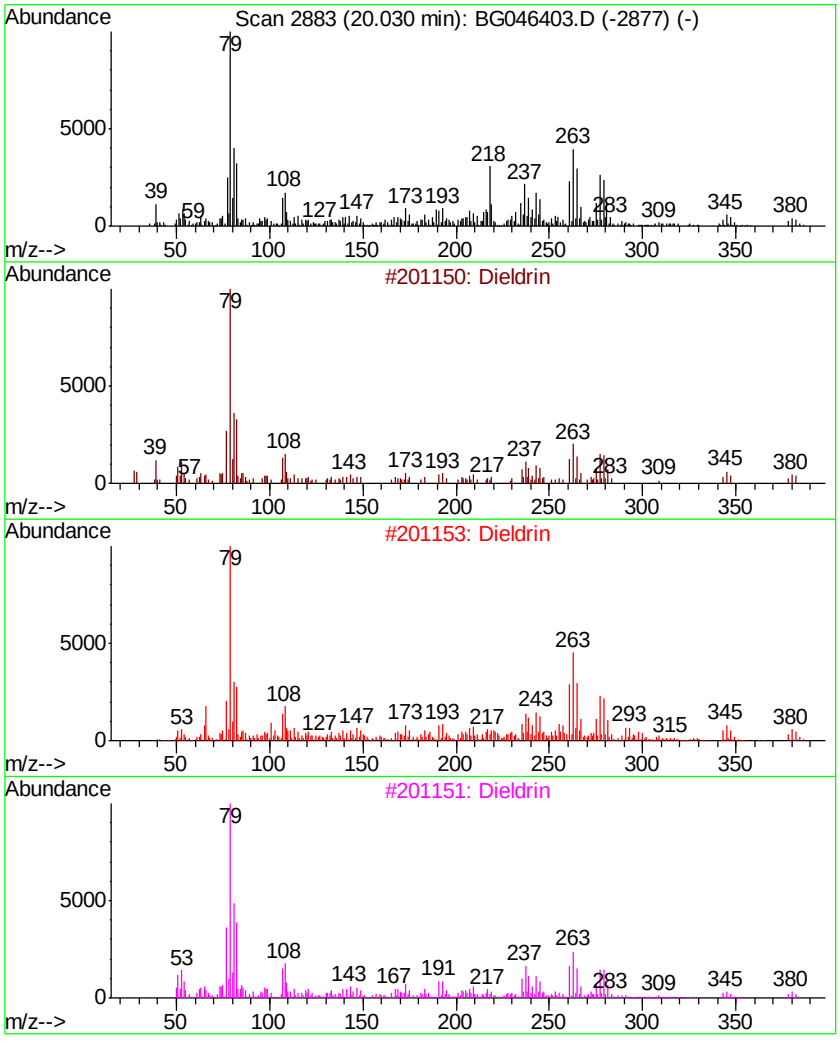
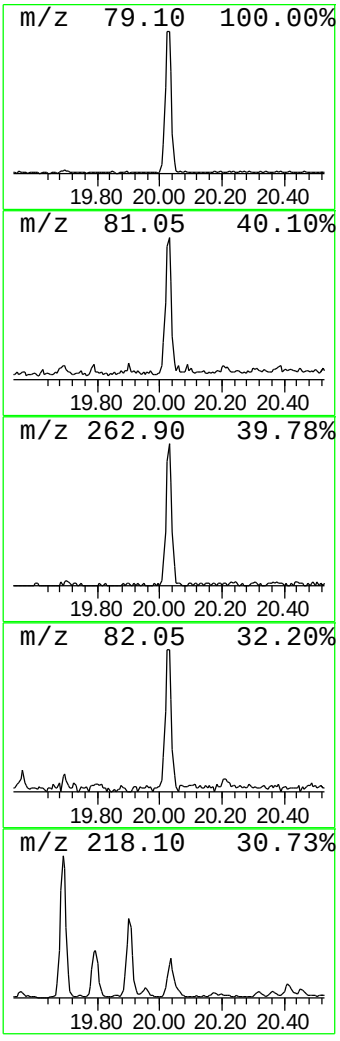
Peak Number 16 Dieldrin Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	6.06 ng/ul	563993	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	94
3	Dieldrin	378	C12H8Cl6O	000060-57-1	90
4	Dieldrin	378	C12H8Cl6O	000060-57-1	42
5	2-Cyclohexene-1-carboxylic acid,...	194	C12H18O2	062338-58-3	10





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Instrument : BNA_G
ClientSampleId : BFMH2

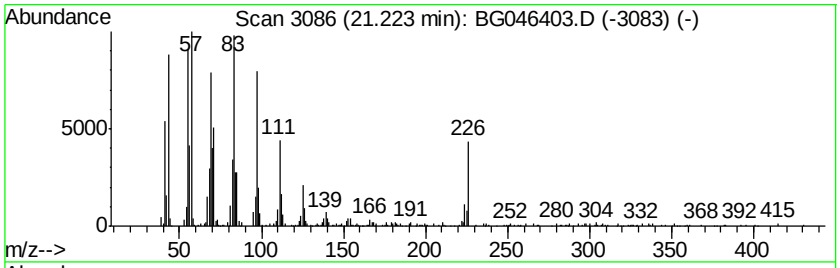
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

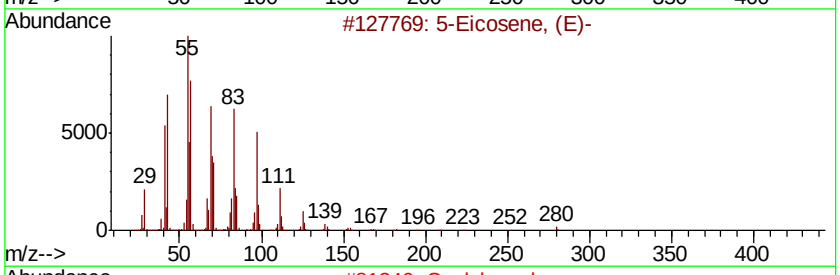
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

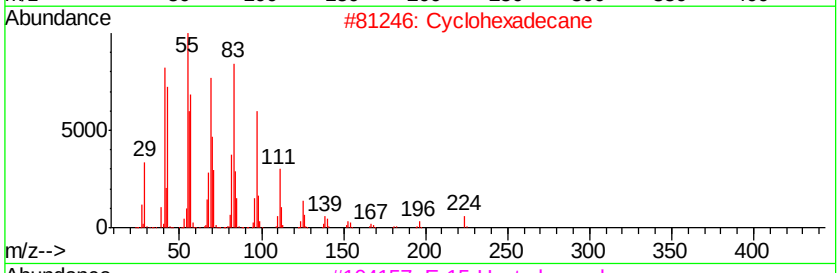
****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 12

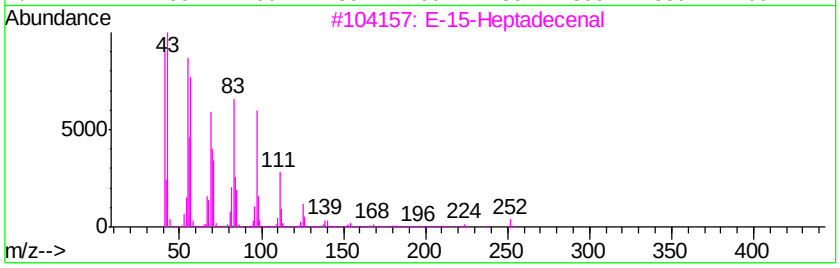
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	5.45 ng/ul	507040	Chrysene-d12	21.56

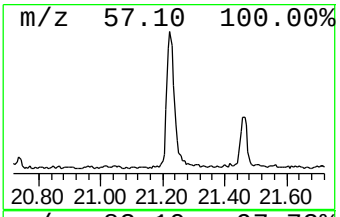
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Cyclohexadecane	224	C16H32	000295-65-8	98
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91

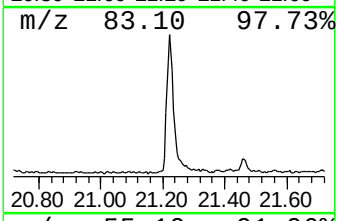


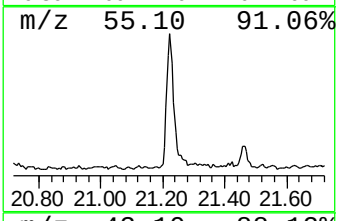


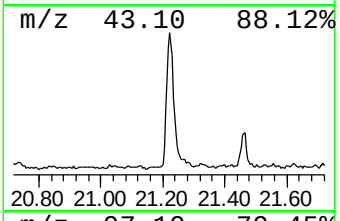


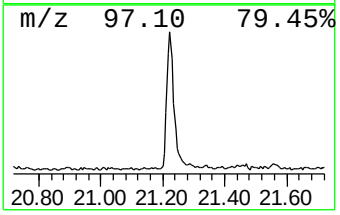












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046403.D
Acq On : 21 Aug 2020 8:00
Operator : CG/JU
Sample : L3635-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH2

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

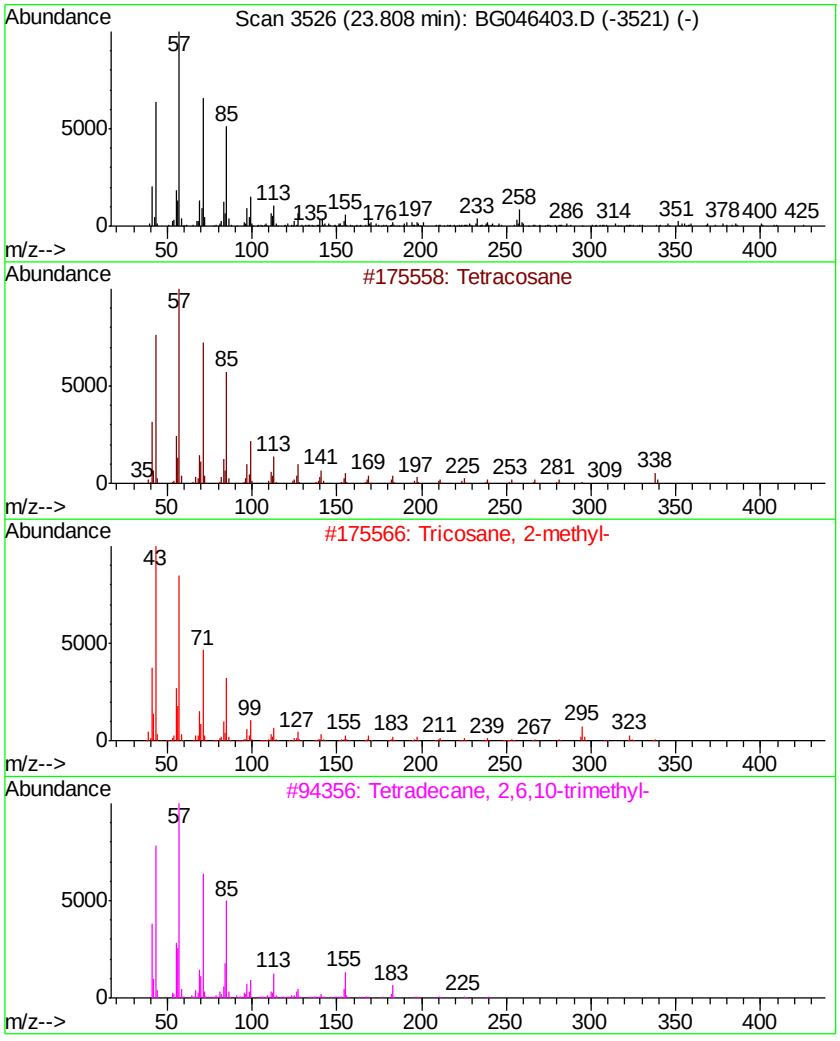
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

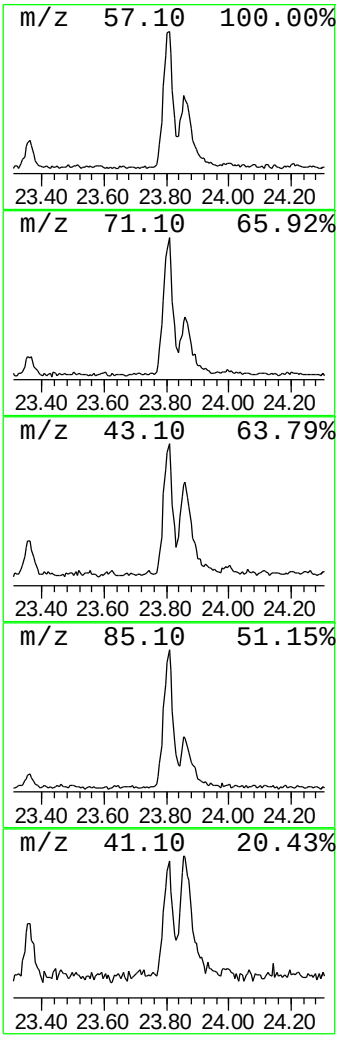
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	2.52 ng/ul	161268	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046403.D
Acq On : 21 Aug 2020 8:00
Operator : CG/JU
Sample : L3635-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH2

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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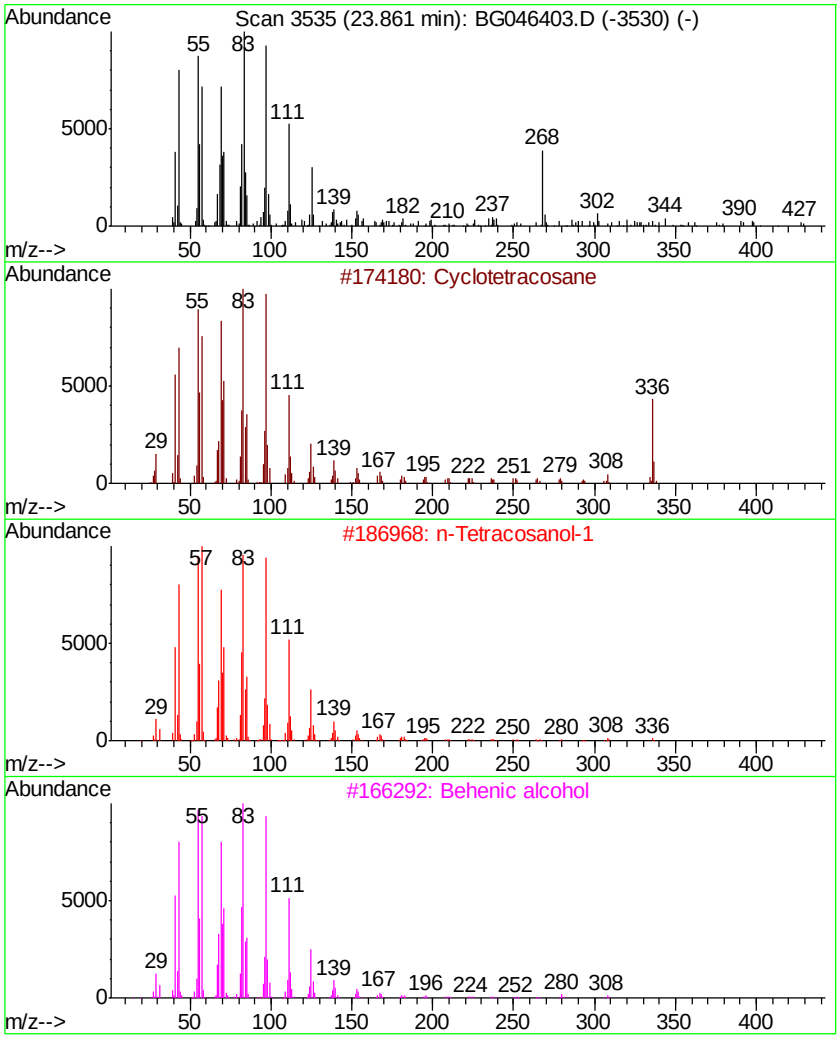
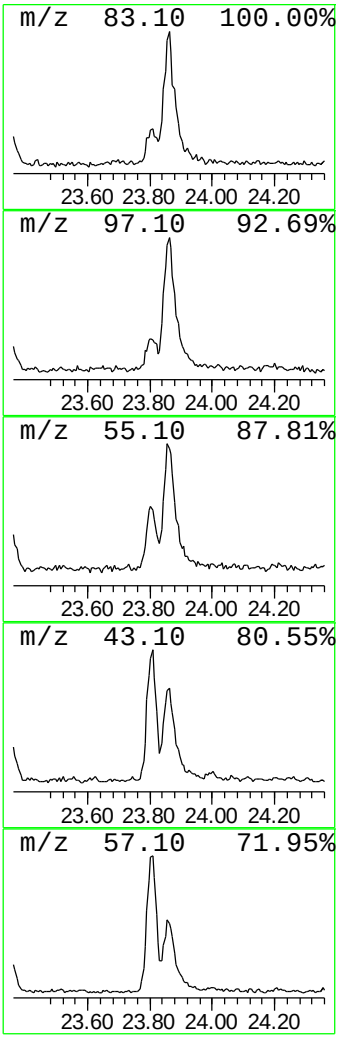
Peak Number 19 (DEL) Alkane: Cyclic23.86 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	3.42 ng/ul	218840	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Docosene	308	C22H44	001599-67-3	91
5	1-Heptadecene	238	C17H34	006765-39-5	89





Library Search Compound Report

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Data File : BG046403.D
Acq On : 21 Aug 2020 8:00
Operator : CG/JU
Sample : L3635-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH2

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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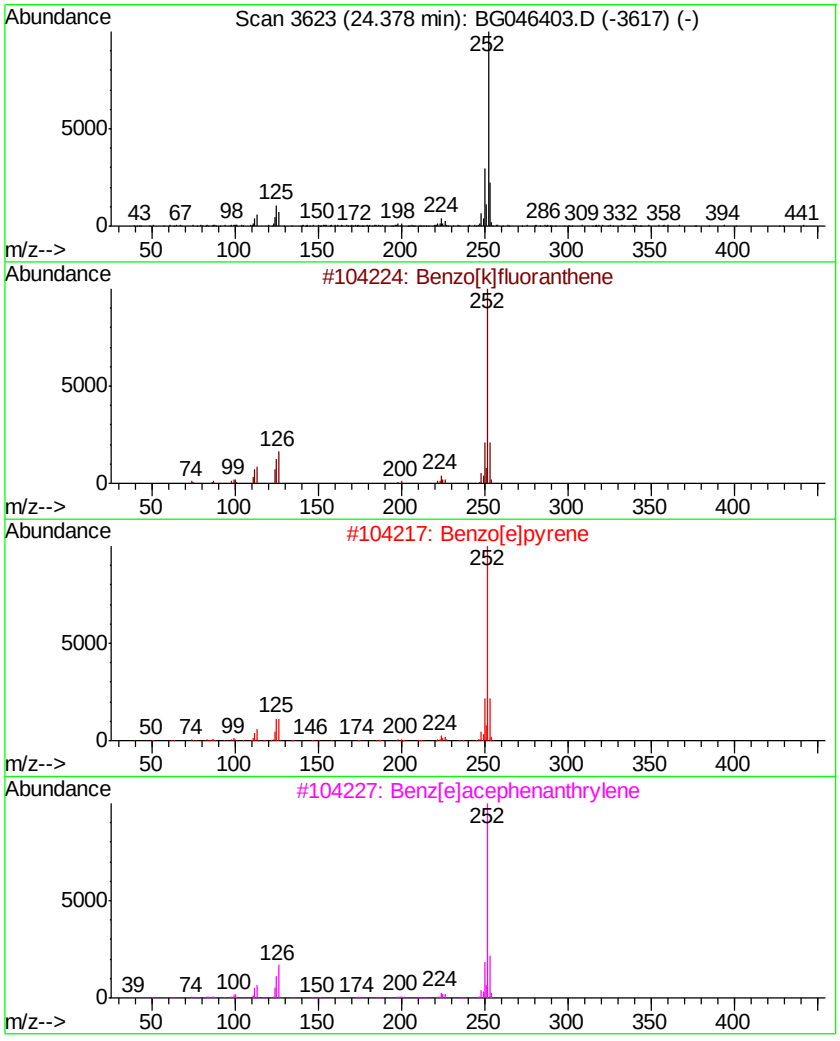
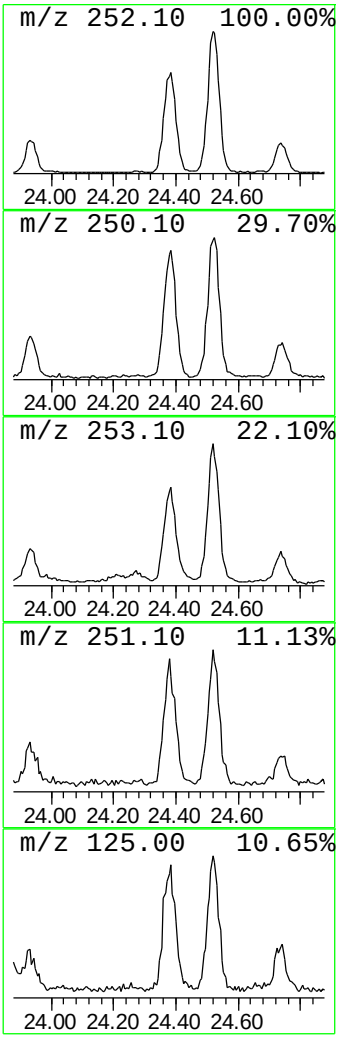
Peak Number 20 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	4.47 ng/ul	285885	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046403.D
Acq On : 21 Aug 2020 8:00
Operator : CG/JU
Sample : L3635-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH2

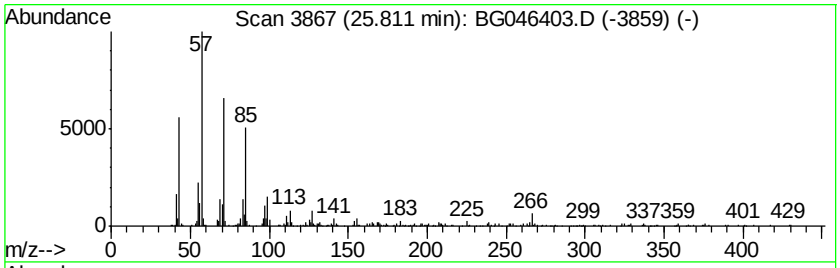
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

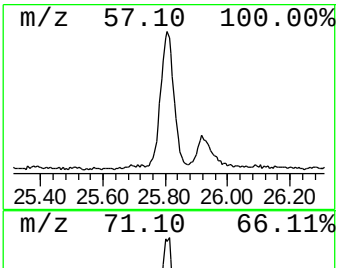
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	5.96 ng/ul	380937	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046403.D
Acq On : 21 Aug 2020 8:00
Operator : CG/JU
Sample : L3635-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH2

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

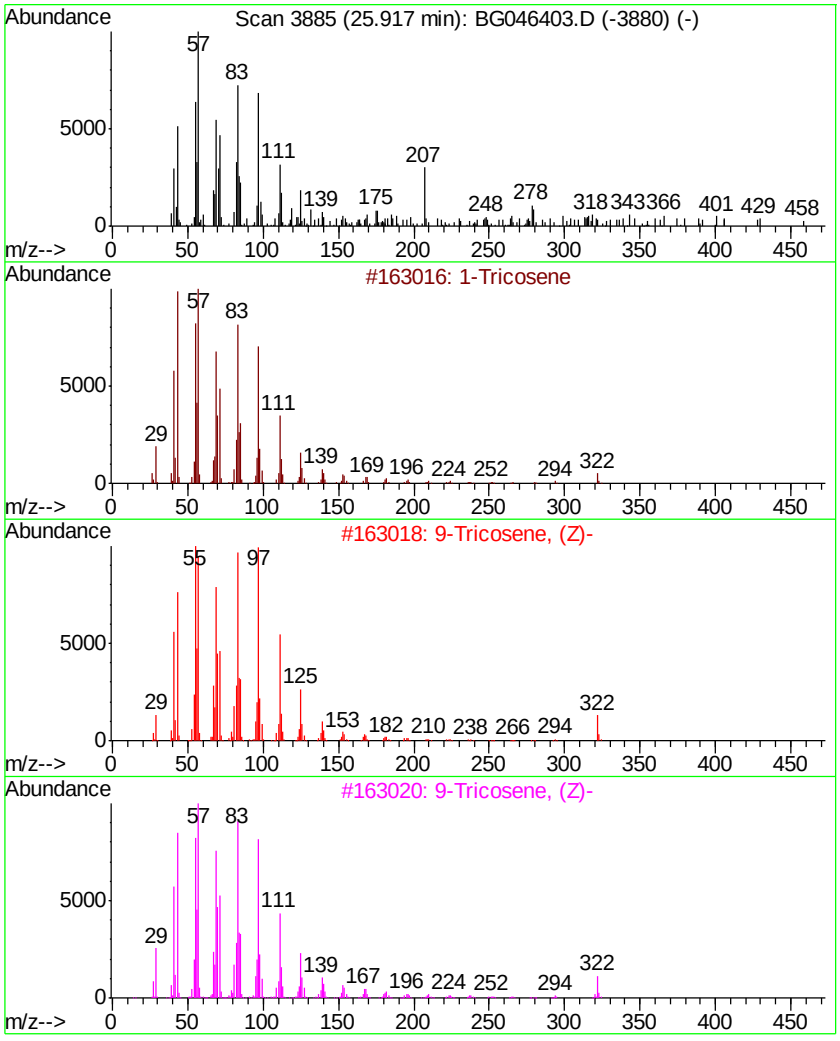
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

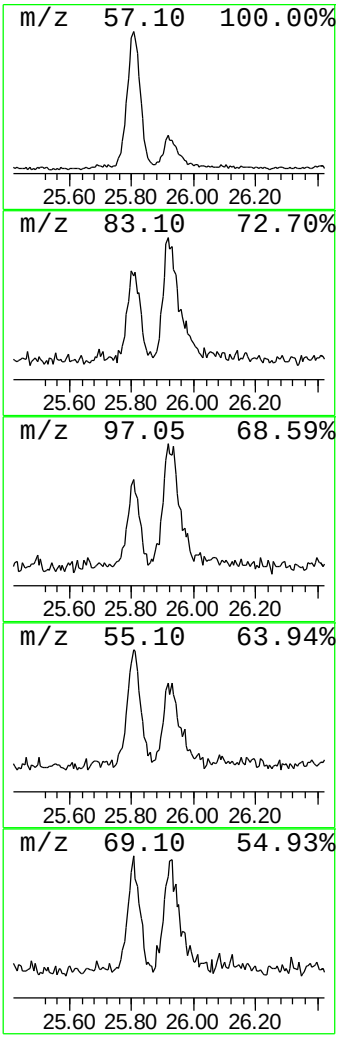
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.92	2.35 ng/ul	150196	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	97
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	92
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
4	Cyclotetracosane	336	C24H48	000297-03-0	83
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046403.D
Acq On : 21 Aug 2020 8:00
Operator : CG/JU
Sample : L3635-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH2

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	103.8	ng/ul	2141670	1	7.94	412718	20.0
unknown-01	3.92	2.9	ng/ul	59543	1	7.94	412718	20.0
Hexanoic acid, an...	7.11	11.2	ng/ul	230236	1	7.94	412718	20.0
unknown-02	7.27	9.5	ng/ul	195645	1	7.94	412718	20.0
unknown-03	7.47	11.9	ng/ul	245040	1	7.94	412718	20.0
Silane, dichlorom...	8.65	8.4	ng/ul	174241	1	7.94	412718	20.0
unknown-04	9.10	12.0	ng/ul	247201	1	7.94	412718	20.0
unknown-05	9.82	6.7	ng/ul	202038	2	10.73	600396	20.0
unknown-06	10.87	6.0	ng/ul	179060	2	10.73	600396	20.0
unknown-07	13.97	13.9	ng/ul	585371	3	14.57	840803	20.0
unknown-08	14.77	2.4	ng/ul	101037	3	14.57	840803	20.0
unknown-09	15.68	4.5	ng/ul	189363	3	14.57	840803	20.0
Phenanthrene, 1-m...	18.24	2.5	ng/ul	134366	4	17.31	1081400	20.0
4H-Cyclopenta[def...	18.38	2.4	ng/ul	131131	4	17.31	1081400	20.0
9,10-Anthracenedione	18.72	2.0	ng/ul	108320	4	17.31	1081400	20.0
Dieldrin	20.03	6.1	ng/ul	563993	5	21.56	1861150	20.0
(DEL) Alkane: Str...	21.22	5.5	ng/ul	507040	5	21.56	1861150	20.0
(DEL) Alkane: Str...	23.81	2.5	ng/ul	161268	6	24.67	1279050	20.0
(DEL) Alkane: Cyc...	23.86	3.4	ng/ul	218840	6	24.67	1279050	20.0
Benzo[e]pyrene	24.38	4.5	ng/ul	285885	6	24.67	1279050	20.0
(DEL) Alkane: Str...	25.81	6.0	ng/ul	380937	6	24.67	1279050	20.0
(DEL) Alkane: Str...	25.92	2.4	ng/ul	150196	6	24.67	1279050	20.0