LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046376.D
Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.142	4	9	27	rVB	1561328	2648482	89.68%	4.979%
2	3.918	136	141	148	rVV	37789	55582	1.88%	0.104%
3	7.102	677	683	700	rBV	229906	436956	14.80%	0.821%
4	7.267	704	711	729	rVB	191255	326647	11.06%	0.614%
5	7.473	739	746	754	rBV	252124	436138	14.77%	0.820%
6	7.937	818	825	834	rBV	270224	457281	15.48%	0.860%
7	8.642	937	945	956	rBV	282589	488053	16.53%	0.918%
8	9.088	1014	1021	1033	rBV	233822	416761	14.11%	0.783%
9	9.811	1137	1144	1154	rBV	186734	345826	11.71%	0.650%
10	10.357	1229	1237	1248	rBV	309554	568042	19.23%	1.068%
11	10.733	1293	1301	1307	rBV	386166	688475	23.31%	1.294%
12	10.781	1307	1309	1316	rVB	31631	45415	1.54%	0.085%
13	10.863	1316	1323	1334	rBV	167201	337205	11.42%	0.634%
14	12.396	1578	1584	1593	rVB	29959	49950	1.69%	0.094%
15	13.889	1830	1838	1843	rBV2	30531	51008	1.73%	0.096%
16	13.971	1843	1852	1856	rVV	561927	838702	28.40%	1.577%
17	14.018	1856	1860	1866	rVB	246801	338532	11.46%	0.636%
18	14.259	1891	1901	1916	rBV	700063	1150412	38.95%	2.163%
19	14.564	1943	1953	1960	rBV2	640196	1003065	33.96%	1.886%
20	14.629	1960	1964	1972	rVV2	54509	89306	3.02%	0.168%
21	14.764	1980	1987	2001	rVV	119015	244761	8.29%	0.460%
22	14.964	2016	2021	2029	rVV	61794	109023	3.69%	0.205%
23	15.557	2113	2122	2128	rVV	926357	1397054	47.31%	2.626%
24	15.610	2128	2131	2136	rVV2	88242	129423	4.38%	0.243%
25	15.675	2136	2142	2150	rVV	194071	313098	10.60%	0.589%
26	15.910	2177	2182	2190	rVB	39306	68181	2.31%	0.128%
27	16.057	2201	2207	2215	rVB	39707	83120	2.81%	0.156%
28	16.850	2334	2342	2345	rBV5	29701	58807	1.99%	0.111%
29	16.961	2356	2361	2369	rVB	87210	145849	4.94%	0.274%
30	17.044	2369	2375	2385	rBV7	32231	97903	3.32%	0.184%
31	17.126	2385	2389	2399	rVB	58105	98157	3.32%	0.185%
32	17.308	2409	2420	2424	rBV	821775	1315342	44.54%	2.473%
33	17.349	2424	2427	2432	rVV	1099591	1583405	53.62%	2.977%
34	17.408	2432	2437	2441	rVV	945698	1439367	48.74%	2.706%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	17.443	2441	2443	2448	rVV	140396	160349	5.43%	0.301%
36	17.708	2479	2488	2493	rBV	93610	171226	5.80%	0.322%
37	17.831	2503	2509	2513	rBV3	34210	53335	1.81%	0.100%
38	17.890	2515	2519	2528	rVB4	40349	66800	2.26%	0.126%
39	18.184	2564	2569	2571	rBV	184515	267388	9.05%	0.503%
40	18.207	2571	2573	2575	rVV	182582	245777	8.32%	0.462%
41	18.231	2575	2577	2584	rVB	284732	357792	12.12%	0.673%
42	18.313	2587	2591	2596	rVB	49814	74587	2.53%	0.140%
43	18.377	2596	2602	2606	rBV2	232807	431594	14.61%	0.811%
44	18.413	2606	2608	2614	rVB	134435	178722	6.05%	0.336%
45	18.683	2649	2654	2657	rVV	155224	224224	7.59%	0.422%
46	18.718	2657	2660	2667	rVB	216943	299563	10.14%	0.563%
47	18.930	2692	2696	2700	rVV2	55309	72449	2.45%	0.136%
48	18.977	2701	2704	2707	rVV	48207	59059	2.00%	0.111%
49	19.018	2707	2711	2715	rVB	50711	67290	2.28%	0.127%
50	19.100	2720	2725	2729	rBV	146180	223075	7.55%	0.419%
51	19.159	2729	2735	2738	rVV4	49929	105746	3.58%	0.199%
52	19.235	2744	2748	2757	rVB	156503	256530	8.69%	0.482%
53	19.359	2757	2769	2776	rBV	1816781	2732090	92.51%	5.136%
54	19.423	2776	2780	2783	rBV	41710	57444	1.95%	0.108%
55	19.459	2783	2786	2791	rBV4	40122	66036	2.24%	0.124%
56	19.553	2798	2802	2806	rBV2	65402	100365	3.40%	0.189%
57	19.600	2807	2810	2814	rVB	46044	57129	1.93%	0.107%
58	19.694	2820	2826	2828	rBV2	1474719	2128236	72.06%	4.001%
59	19.723	2828	2831	2838	rVV	1729310	2373534	80.37%	4.462%
60	19.793	2839	2843	2849	rVB2	91532	153991	5.21%	0.289%
61	19.899	2856	2861	2866	rBV	95858	146282	4.95%	0.275%
62	19.952	2867	2870	2877	rVB3	57876	95493	3.23%	0.180%
63	20.046	2880	2886	2892	rBV3	149273	382595	12.96%	0.719%
64	20.187	2904	2910	2911	rBV3	98775	174745	5.92%	0.329%
65	20.211	2911	2914	2918	rVB	215582	297673	10.08%	0.560%
66	20.311	2927	2931	2935	rBV	105362	142112	4.81%	0.267%
67	20.369	2935	2941	2945	rVV2	206909	347291	11.76%	0.653%
68	20.410	2945	2948	2952	rVB2	51266	58154	1.97%	0.109%
69	20.451	2952	2955	2960	rVB2	40106	51065	1.73%	0.096%
70	20.510	2961	2965	2969	rBV	128709	174934	5.92%	0.329%
71	20.557	2969	2973	2978	rVB	113972	167362	5.67%	0.315%

LSC Area Percent Report

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Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	20.769	3005	3009	3012	rBV2	96403	131651	4.46%	0.247%
73	20.963	3038	3042	3050	rVB	237249	375443	12.71%	0.706%
74	21.051	3053	3057	3063	rVB2	94814	150211	5.09%	0.282%
75	21.121	3064	3069	3071	rBV2	258931	398549	13.50%	0.749%
76	21.186	3077	3080	3083	rBV	132674	175711	5.95%	0.330%
77	21.221	3083	3086	3093	rVV3	436414	804368	27.24%	1.512%
78	21.292	3094	3098	3108	rVB	213587	362719	12.28%	0.682%
79	21.474	3124	3129	3134	rVB	260636	464420	15.73%	0.873%
80	21.550	3134	3142	3147	rVV4	1177633	2953259	100.00%	5.552%
81	21.603	3147	3151	3163	rVB	854609	1477786	50.04%	2.778%
82	21.756	3172	3177	3182	rBV2	115396	258577	8.76%	0.486%
83	21.950	3206	3210	3216	rBV3	104669	184635	6.25%	0.347%
84	22.267	3261	3264	3270	rVB	144445	229857	7.78%	0.432%
85	22.361	3272	3280	3287	rVV5	167017	519663	17.60%	0.977%
86	22.531	3306	3309	3313	rVB	58828	75695	2.56%	0.142%
87	22.714	3335	3340	3347	rVB2	388370	665085	22.52%	1.250%
88	23.360	3441	3450	3456	rVB2	425485	984371	33.33%	1.851%
89	23.554	3479	3483	3492	rVB2	90103	188631	6.39%	0.355%
90	23.689	3497	3506	3513	rBV	688414	2244992	76.02%	4.220%
91	23.806	3521	3526	3530	rBV	236857	429518	14.54%	0.807%
92	23.859	3530	3535	3543	rVB	639305	1263597	42.79%	2.375%
93	24.382	3617	3624	3629	rBV	336160	854468	28.93%	1.606%
94	24.453	3630	3636	3642	rVV	619227	1604699	54.34%	3.017%
95	24.517	3642	3647	3659	rVB	508891	1342512	45.46%	2.524%
96	24.664	3664	3672	3679	rBV3	507200	1404660	47.56%	2.641%
97	25.211	3759	3765	3775	rVB3	188262	502245	17.01%	0.944%
98	25.810	3859	3867	3877	rVB2	296357	833778	28.23%	1.567%
99	25.916	3879	3885	3895	rBV3	172794	534863	18.11%	1.006%
100	28.178	4263	4270	4288	rVB2	219334	899850	30.47%	1.692%

Sum of corrected areas: 53193178

LSC Report - Integrated Chromatogram

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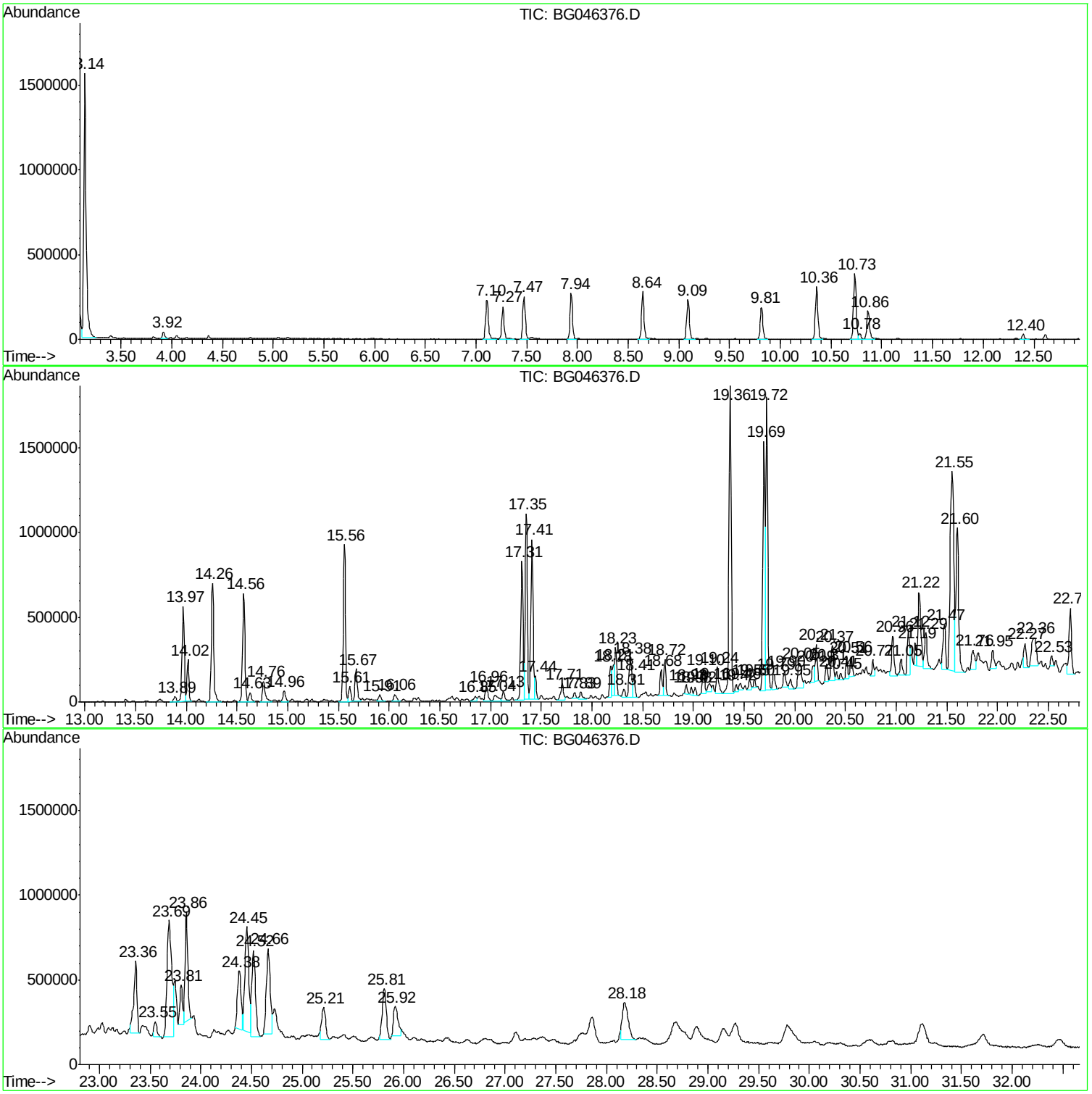
Data File : BG046376.D
Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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 : BG046376.D
Acq On : 20 Aug 2020 13:14
Operator : CG/JU
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Quant Title : SVOA CALIBRATION

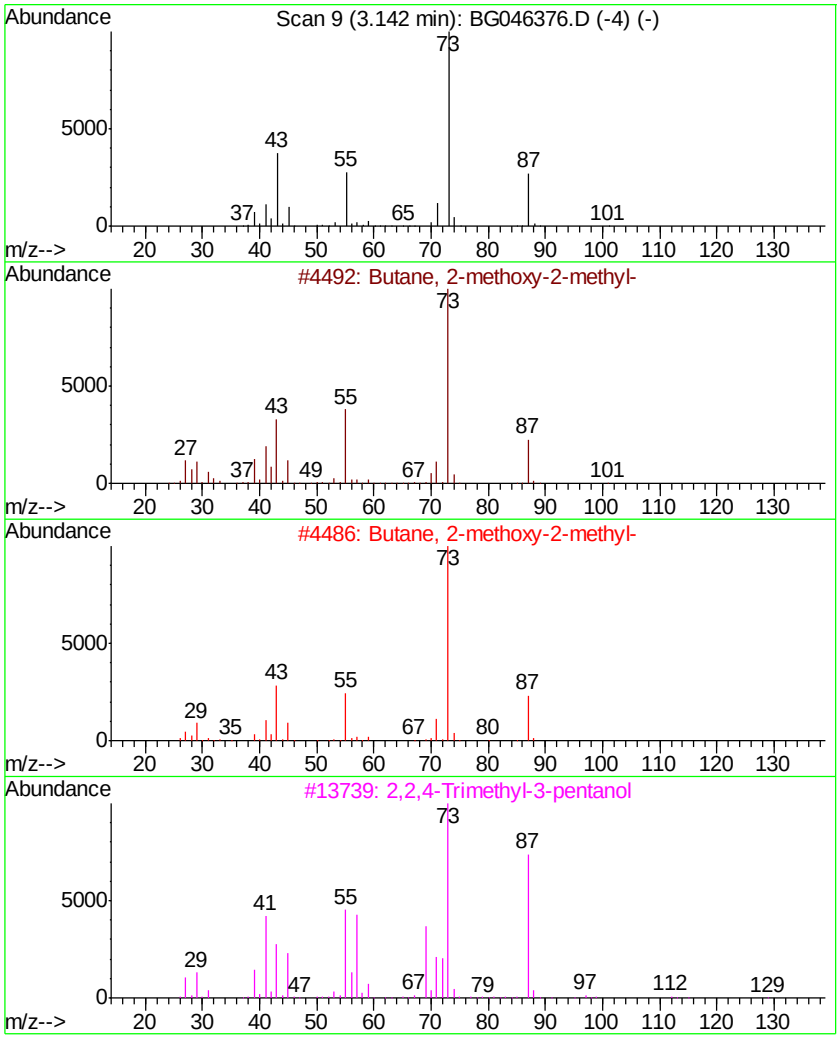
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

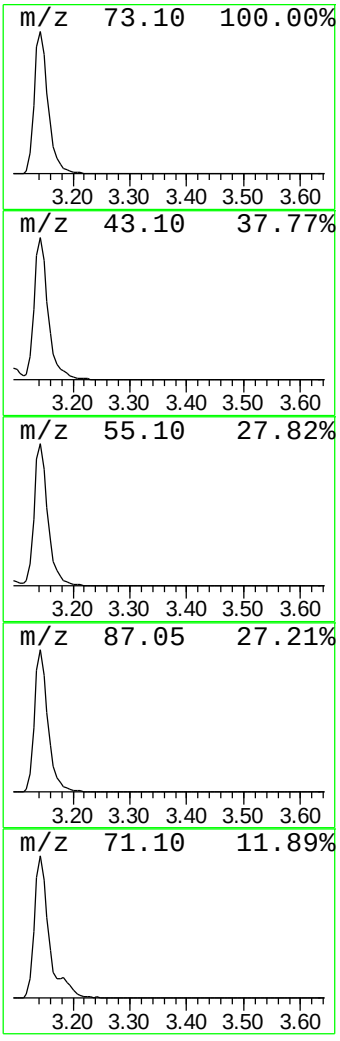
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	115.84 ng/ul	2648480	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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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

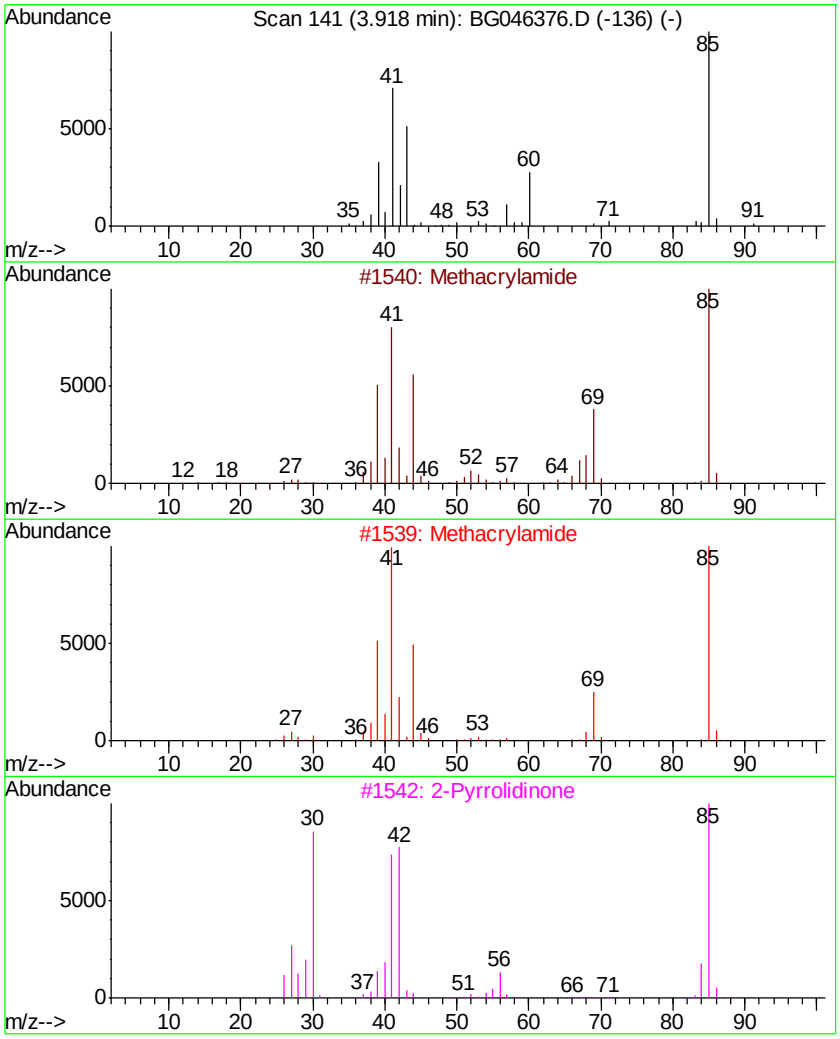
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

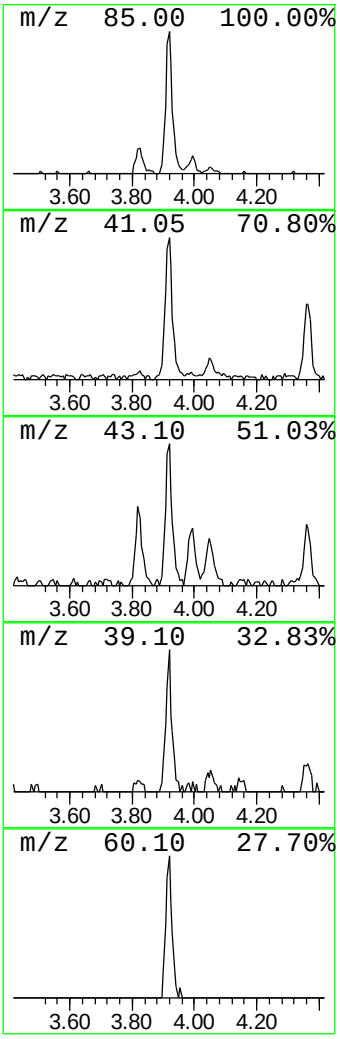
****

Peak Number 2 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	2.43 ng/ul	55582	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	36
2	Methacrylamide	85	C4H7NO	000079-39-0	36
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4	3-Aminopyrrolidine	86	C4H10N2	079286-79-6	9
5	dl-Glyceraldehyde dimer	180	C6H12O6	026793-98-6	9





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Instrument : BNA_G
ClientSampleId : BFMF2

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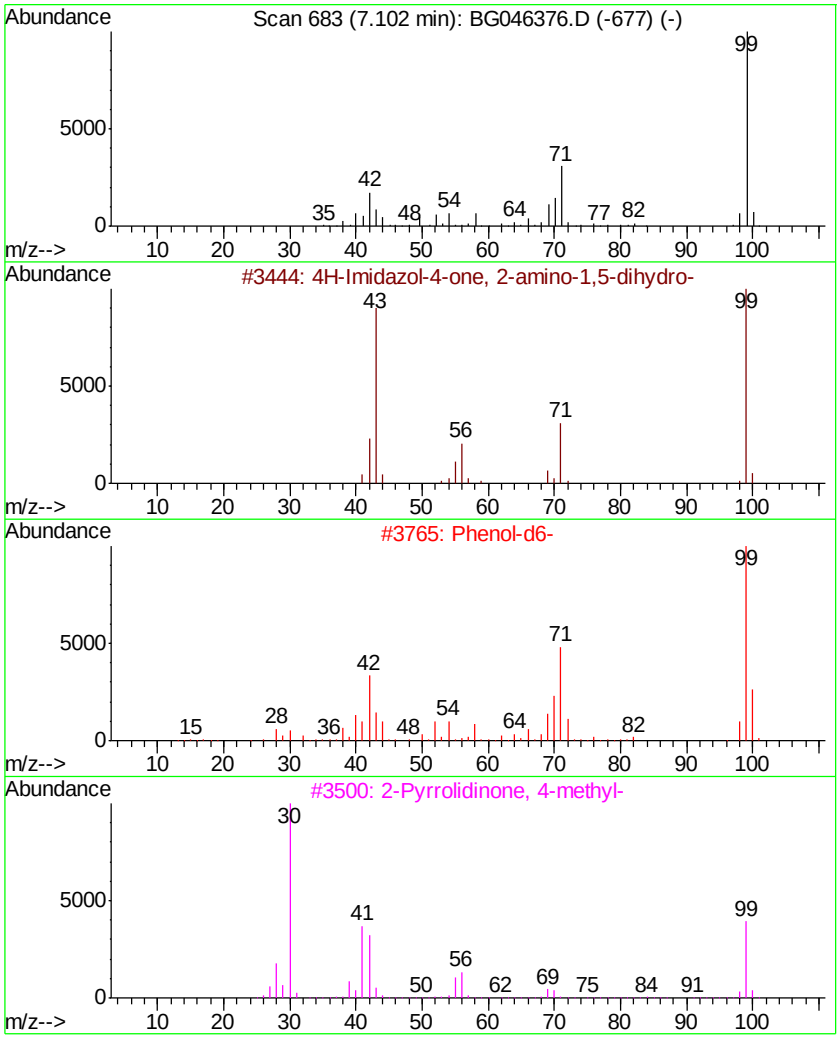
Quant Title : SVOA CALIBRATION

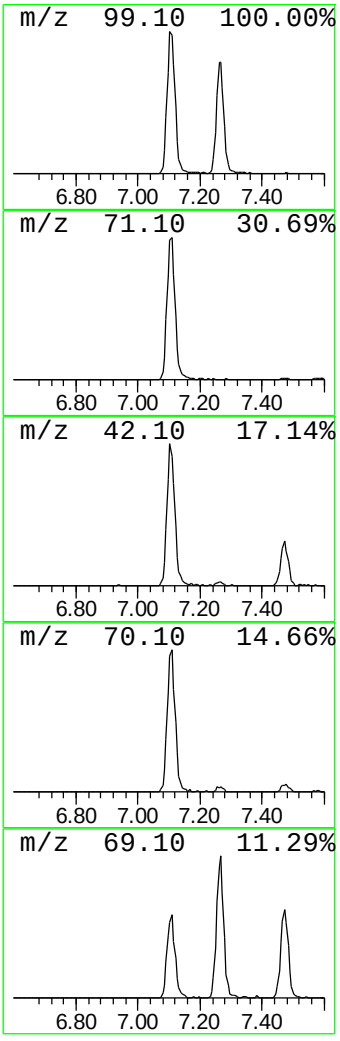
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	19.11 ng/ul	436956	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	72
2	Phenol-d6-	100	C6D6O	013127-88-3	56
3	2-Pyrrolidinone, 4-methyl-	99	C5H9NO	1000197-00-3	53
4	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	45
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	42





Library Search Compound Report

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Data File : BG046376.D
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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

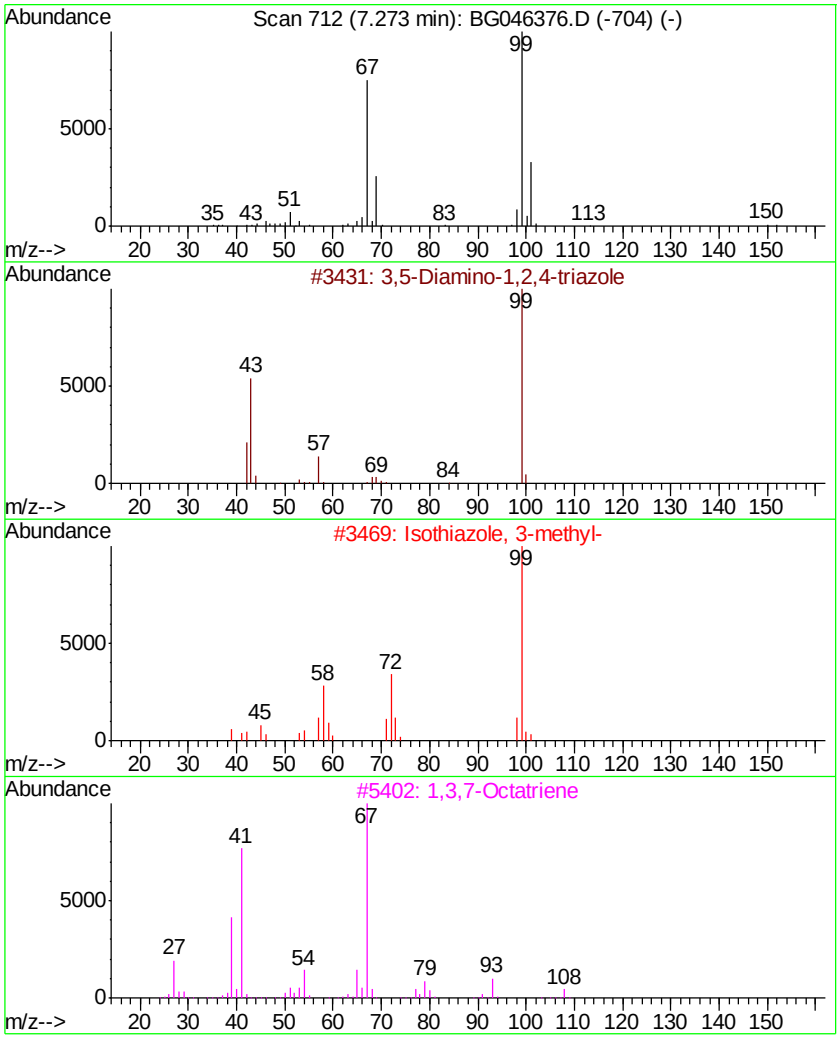
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

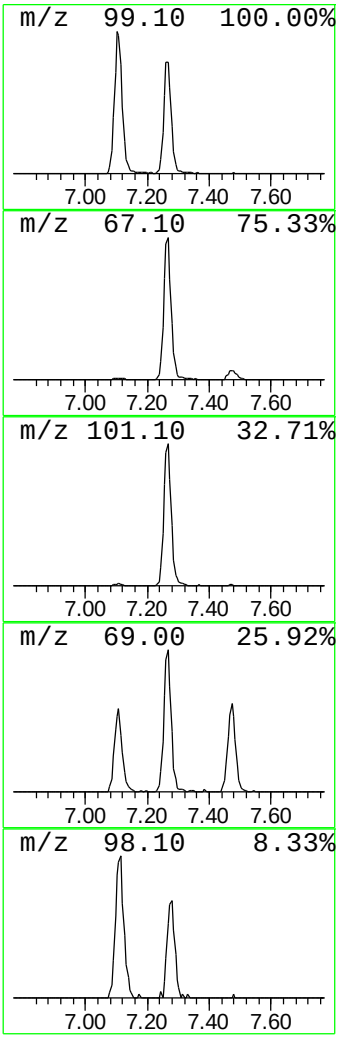
****

Peak Number 4 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	14.29 ng/ul	326647	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	1,3,7-Octatriene	108	C8H12	001002-35-3	9
4	Acetamide, N-2-thienyl-	141	C6H7NOS	013053-81-1	9
5	Methyl 2-butynoate	98	C5H6O2	023326-27-4	5





Library Search Compound Report

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Data File : BG046376.D
Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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

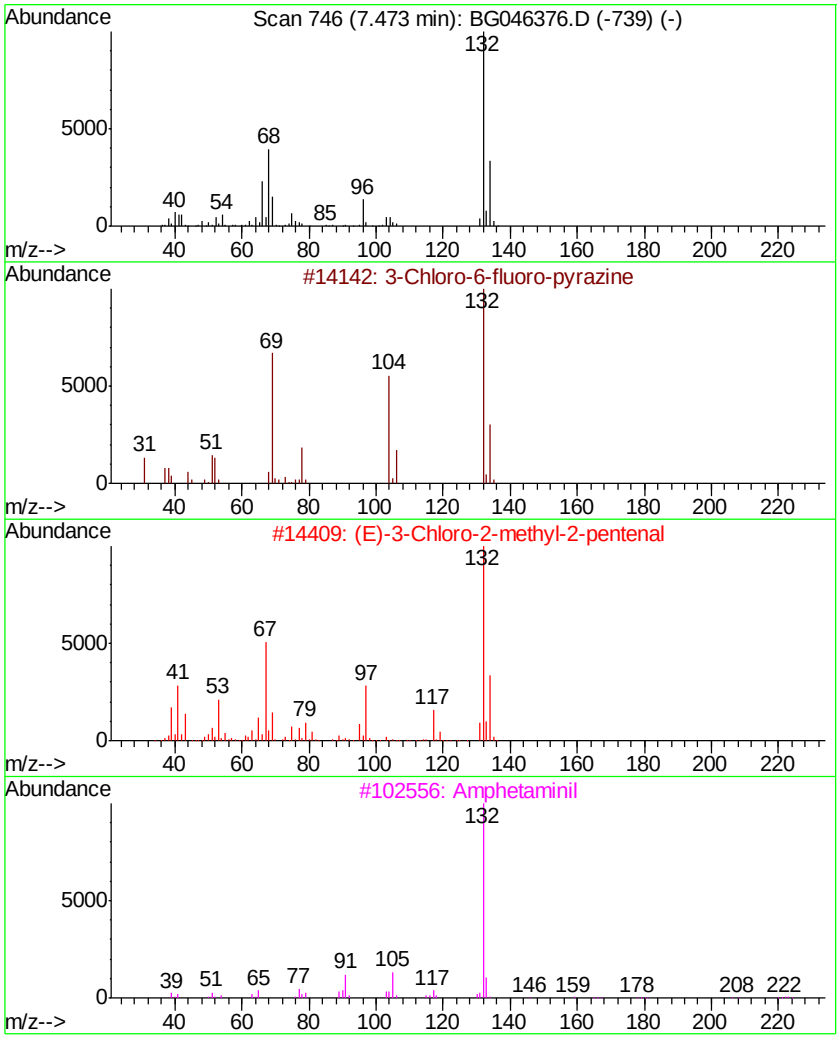
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

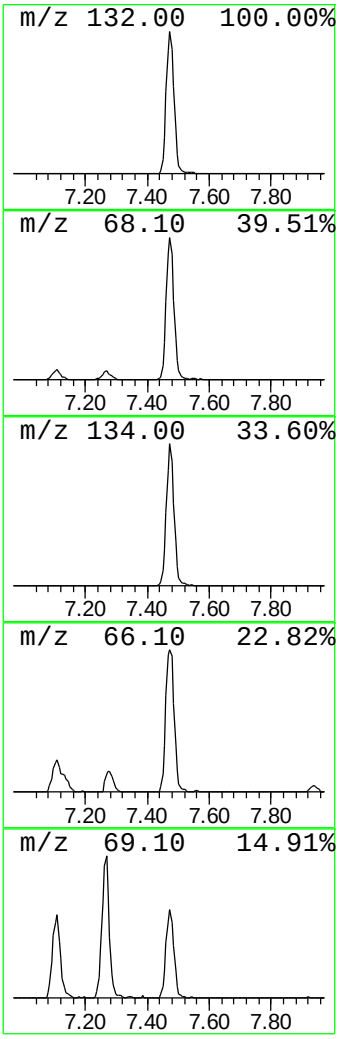
****

Peak Number 5 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	19.08 ng/ul	436138	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
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Instrument : BNA_G
ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

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

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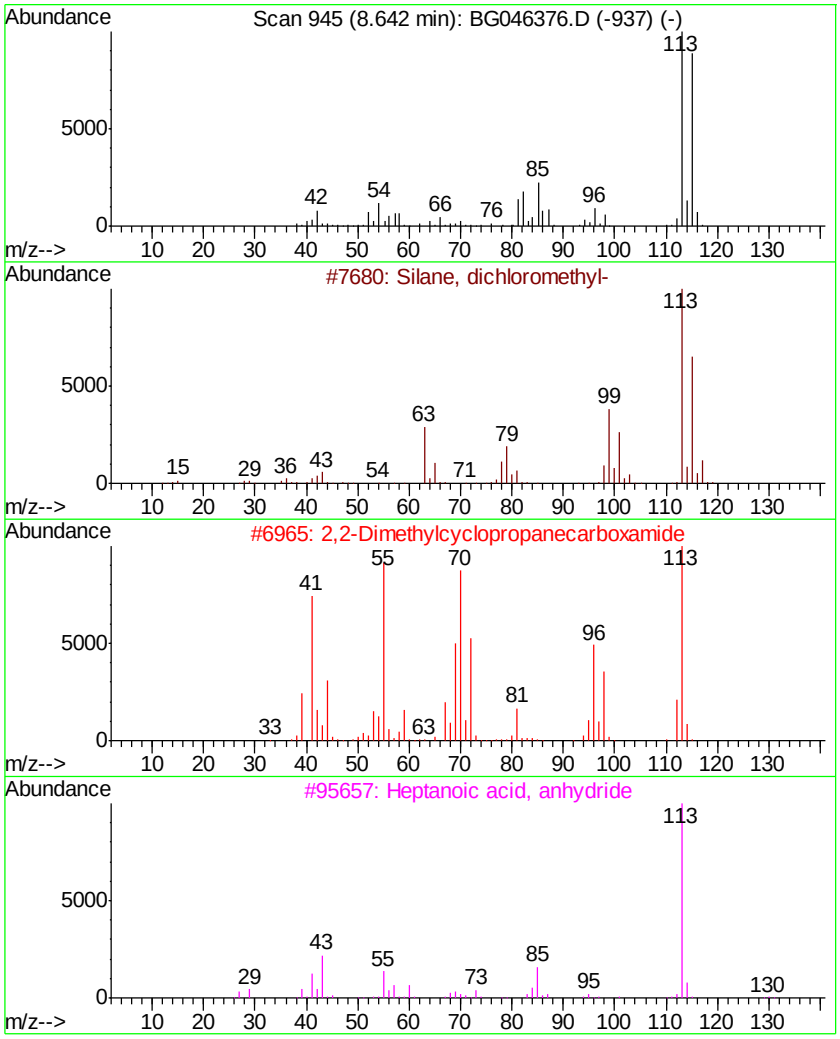
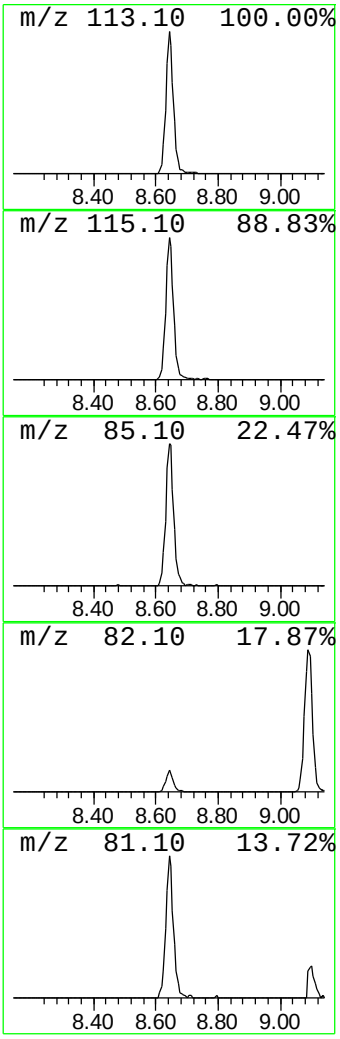
Peak Number 6 Silane, dichloromethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	21.35 ng/ul	488053	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	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	35
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25
4	Thiazole, 2,5-dimethyl-	113	C5H7NS	004175-66-0	25
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25





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Misc :
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ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

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

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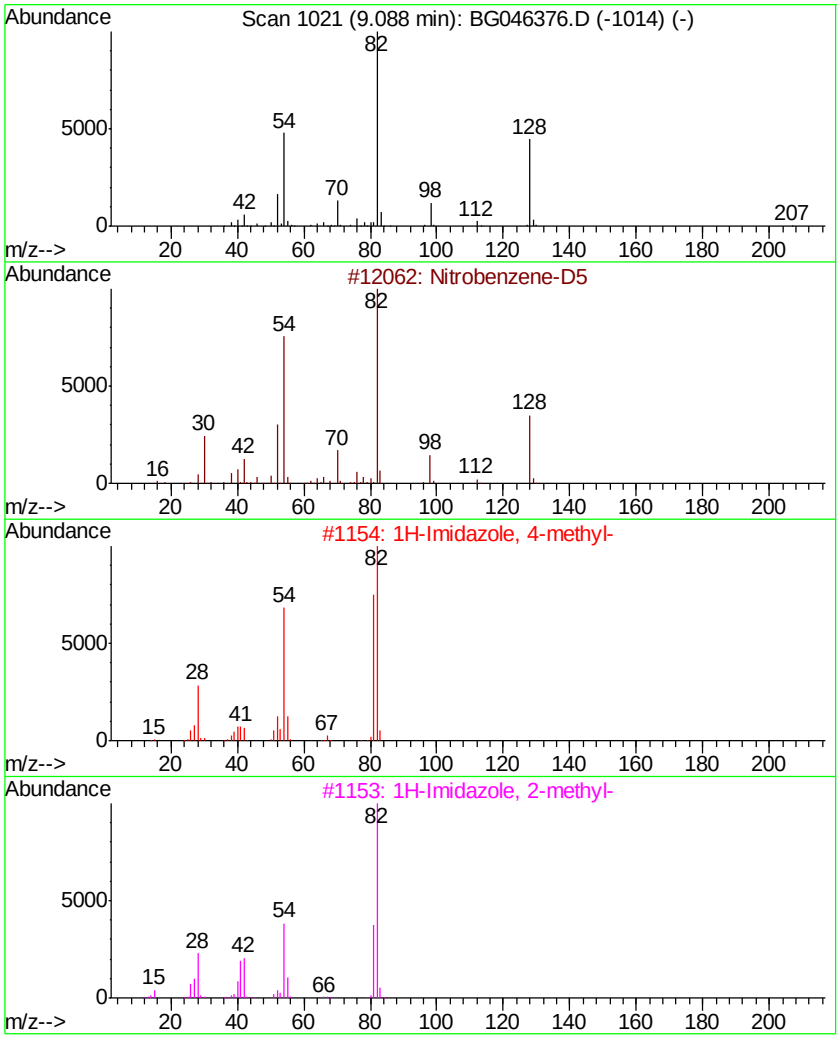
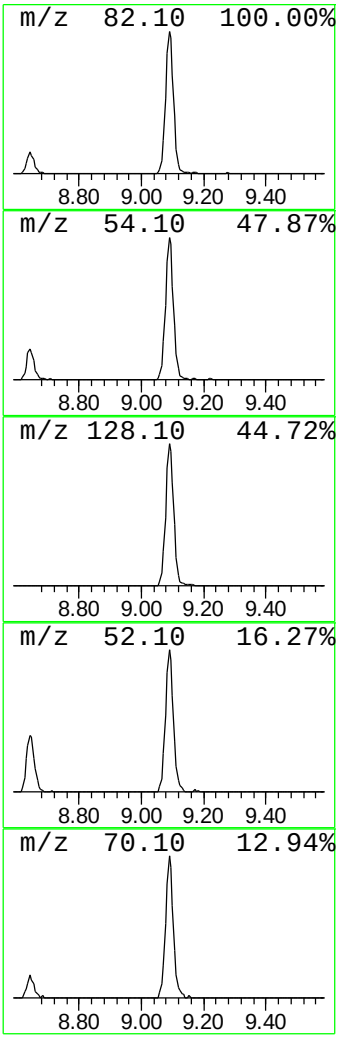
Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	18.23 ng/ul	416761	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	64
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	16





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Instrument : BNA_G
ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

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

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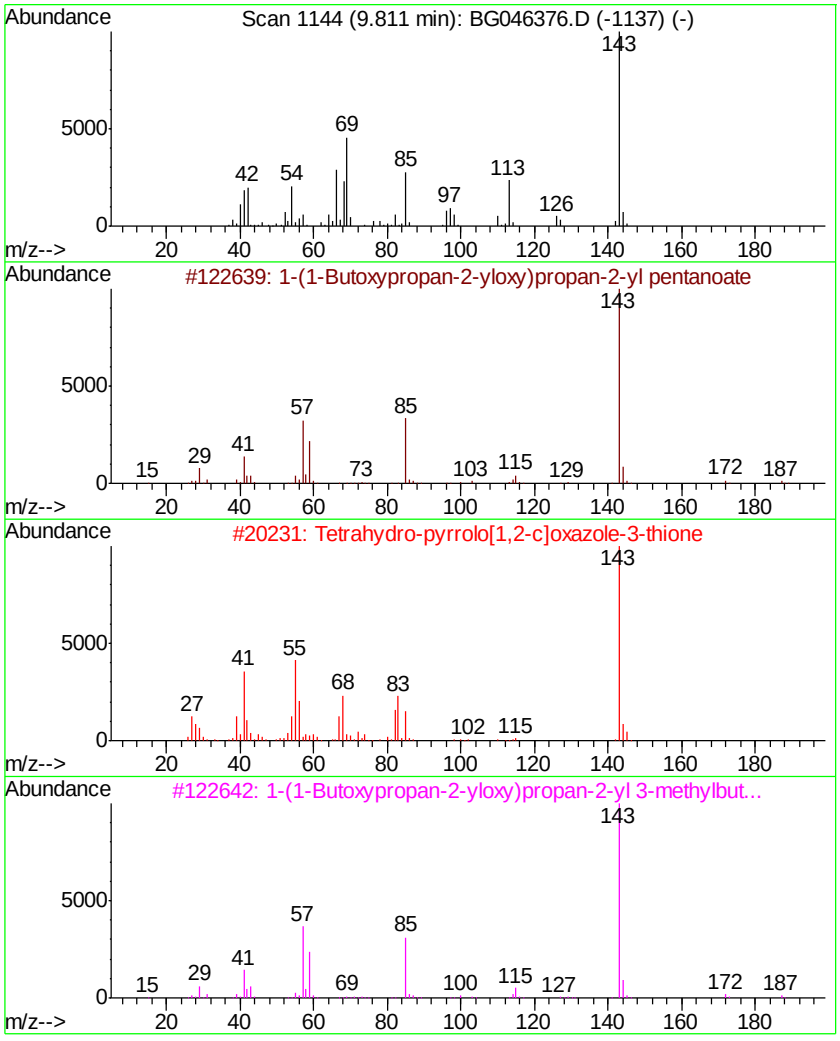
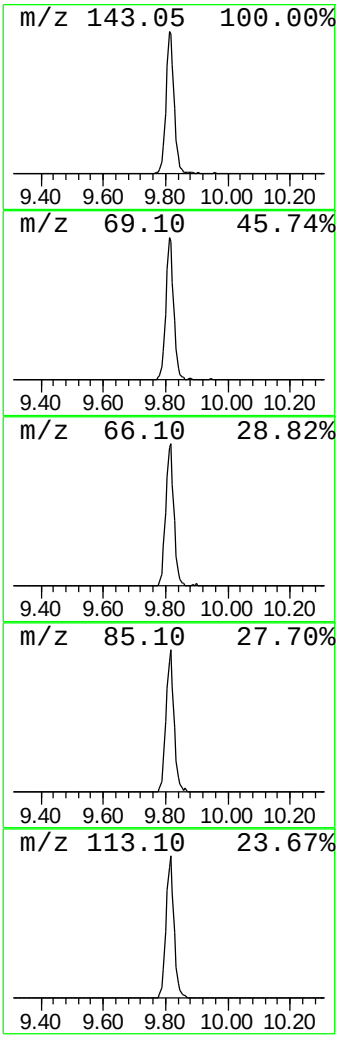
Peak Number 8 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	10.05 ng/ul	345826	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	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	16
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12
5	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12





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Operator : CG/JU
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ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

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

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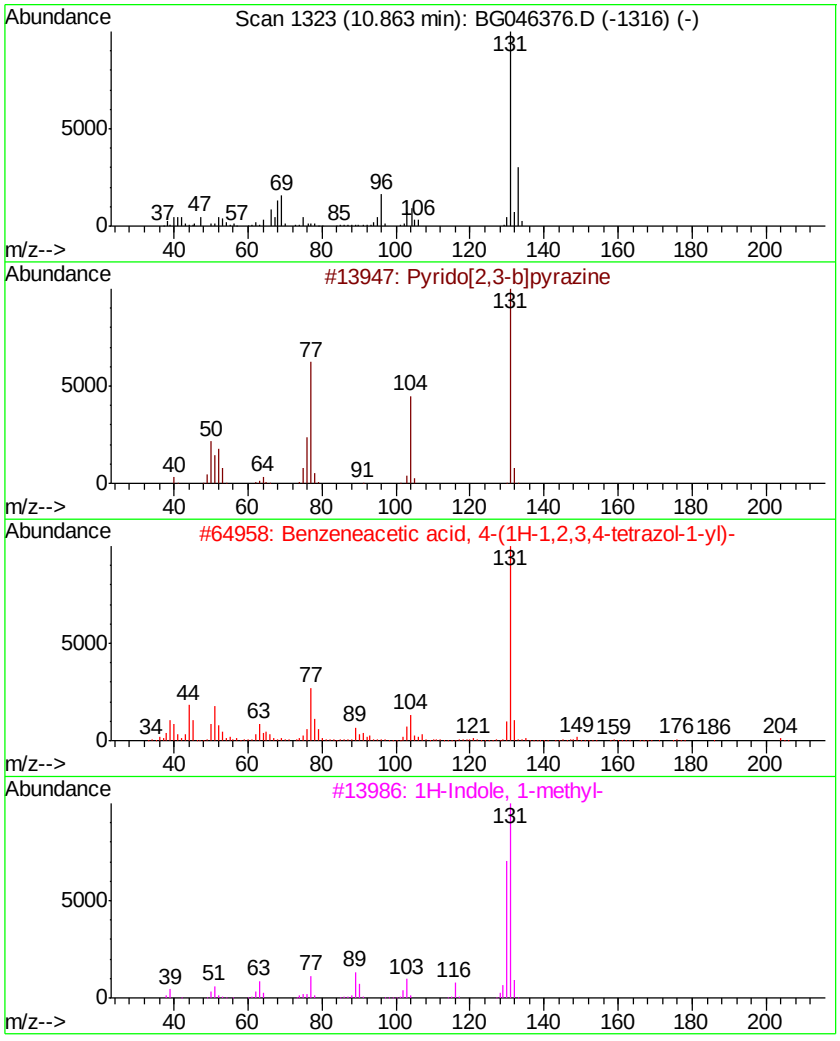
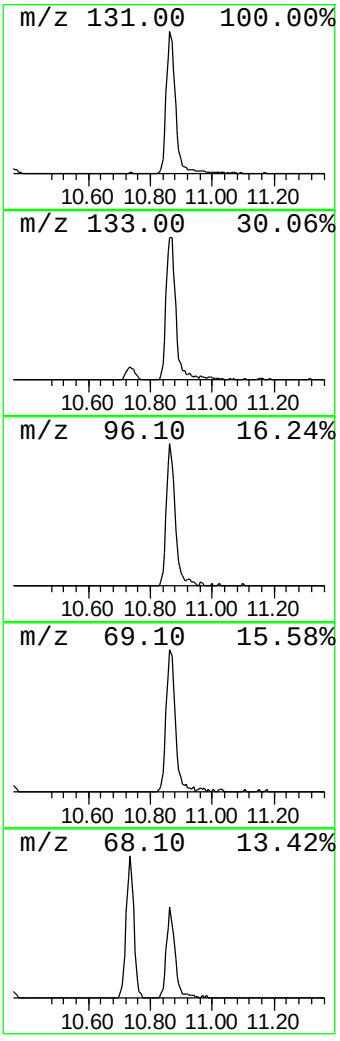
Peak Number 9 unknown-05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	9.80 ng/ul	337205	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
4	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5	4-Pentenoic acid, 2,2-diethyl-3-...	274	C17H22O3	337503-48-7	9





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Operator : CG/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

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

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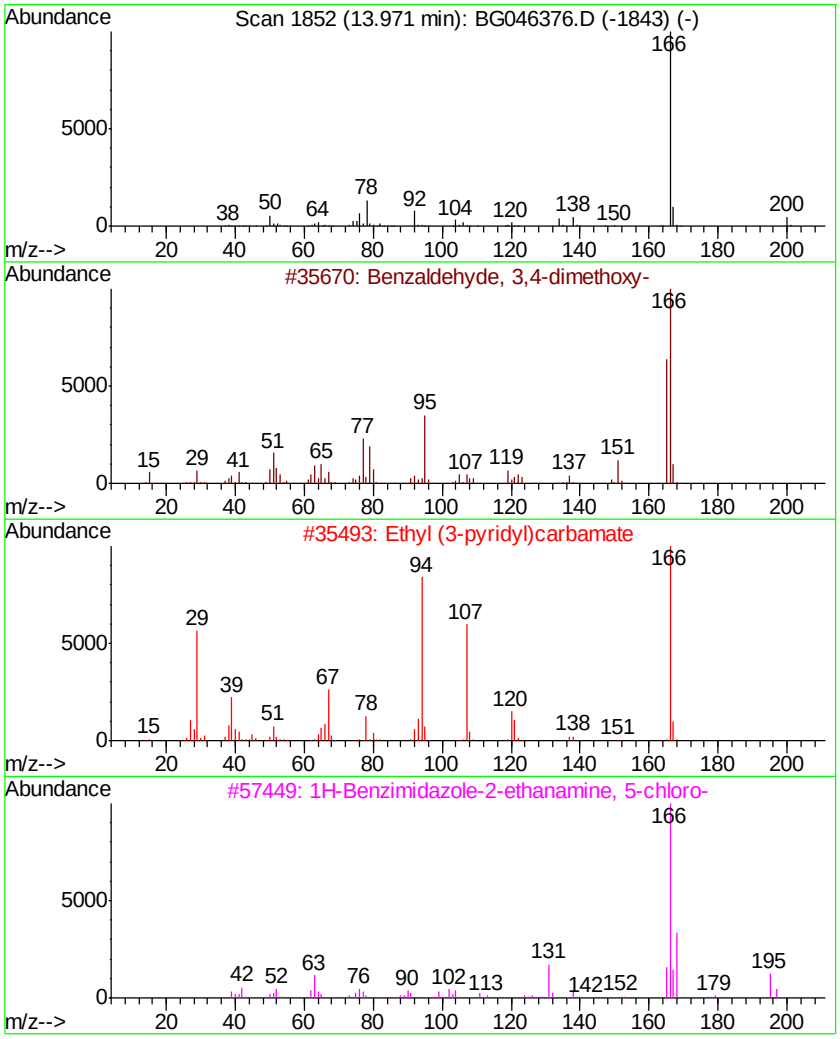
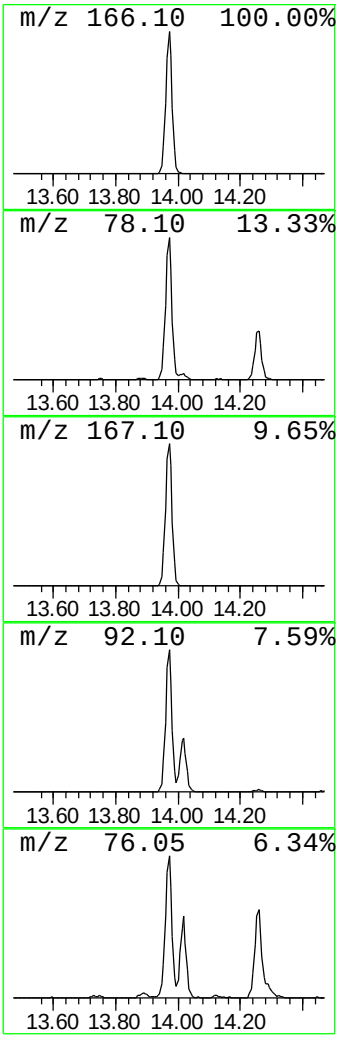
Peak Number 10 unknown-06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	16.72 ng/ul	838702	Acenaphthene-d10	14.56

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	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36





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ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

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

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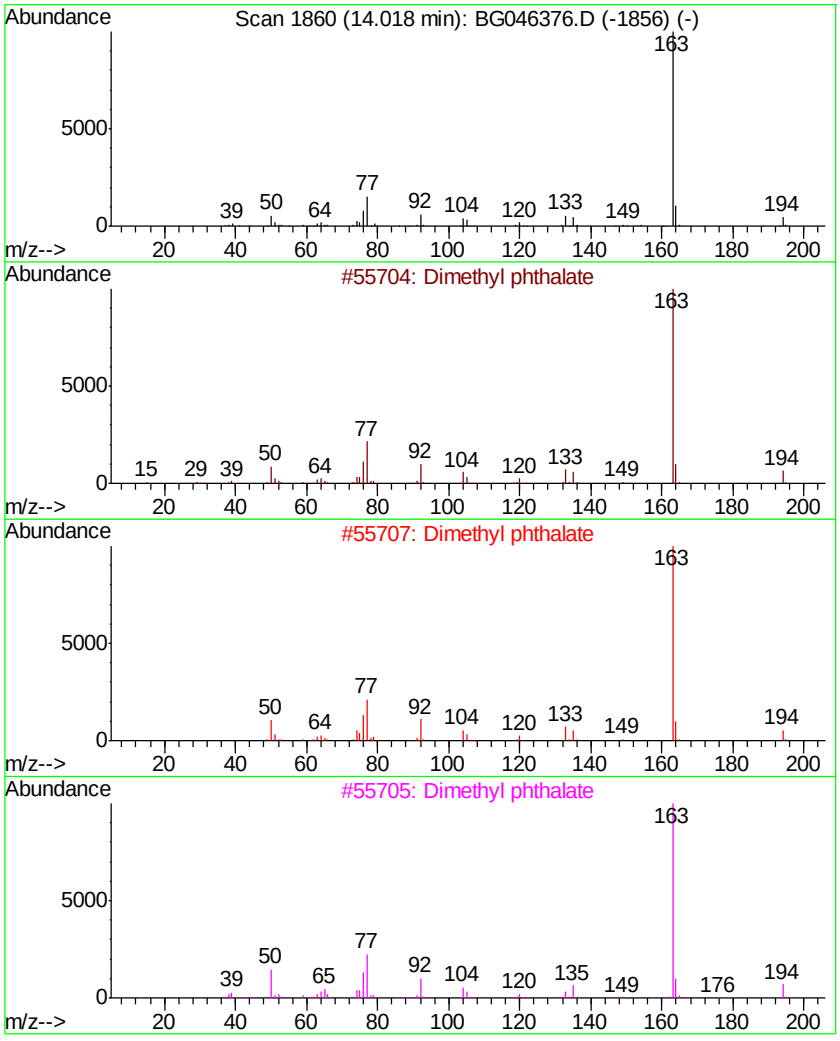
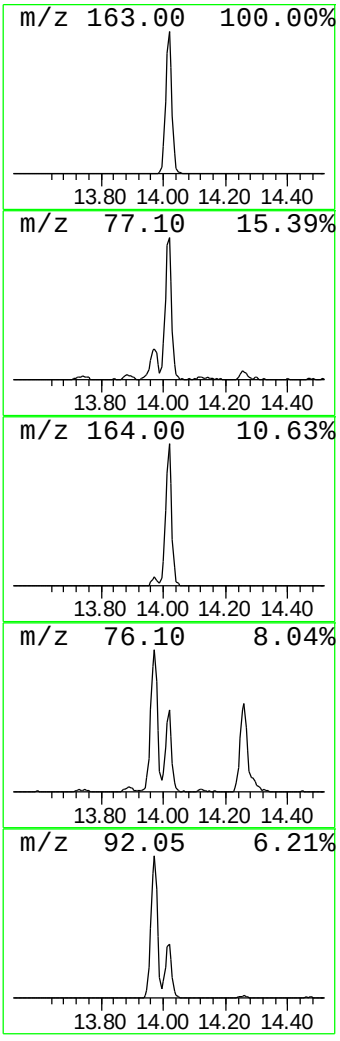
Peak Number 11 Dimethyl phthalate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	6.75 ng/ul	338532	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	93
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
4	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
5	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	83





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Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

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

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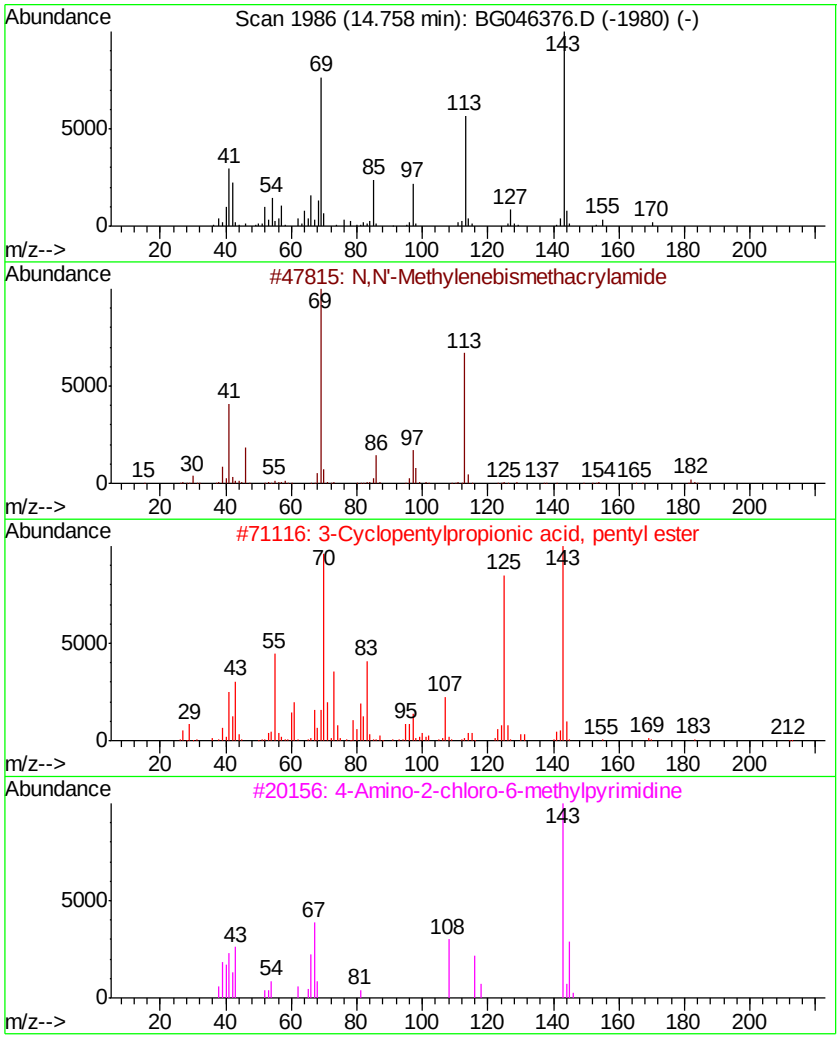
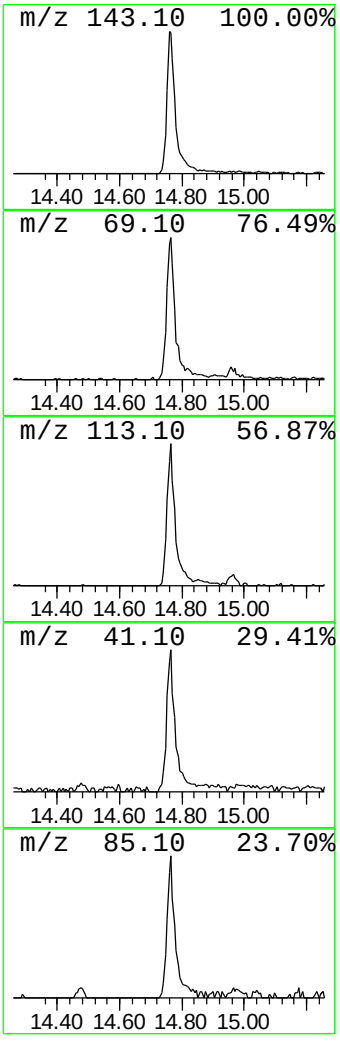
Peak Number 12 unknown-07 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.88 ng/ul	244761	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	27
2	3-Cyclopentylpropionic acid, pen...	212	C13H24O2	1000292-33-2	14
3	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	14
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	14
5	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	14





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Misc :
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Instrument : BNA_G
ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

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

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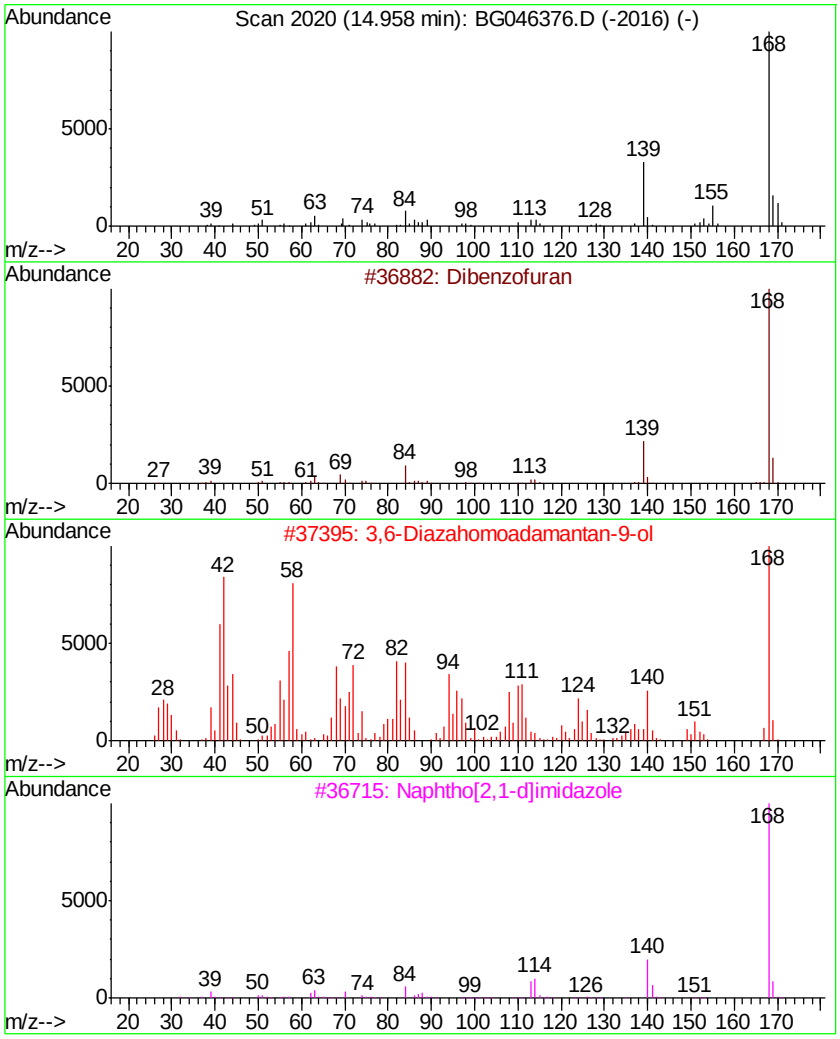
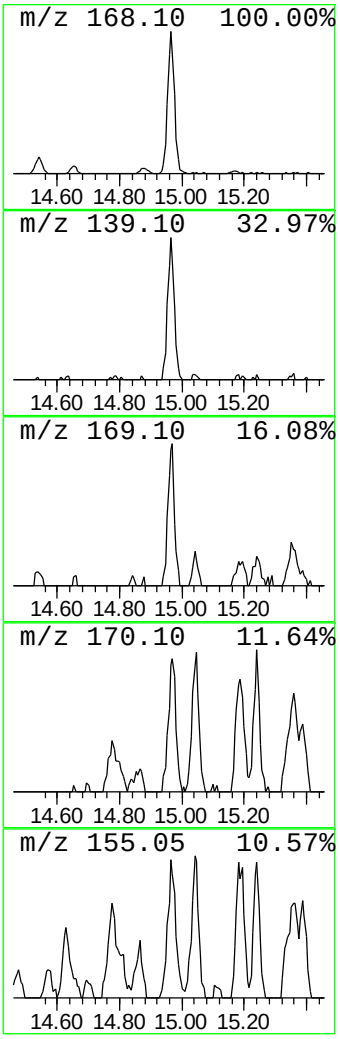
Peak Number 13 Dibenzofuran Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.17 ng/ul	109023	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	81
2	3,6-Diazahomoadamantan-9-ol	168	C9H16N2O	138023-21-9	49
3	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	47
4	Tioxolone	168	C7H4O3S	004991-65-5	40
5	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	40





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ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

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

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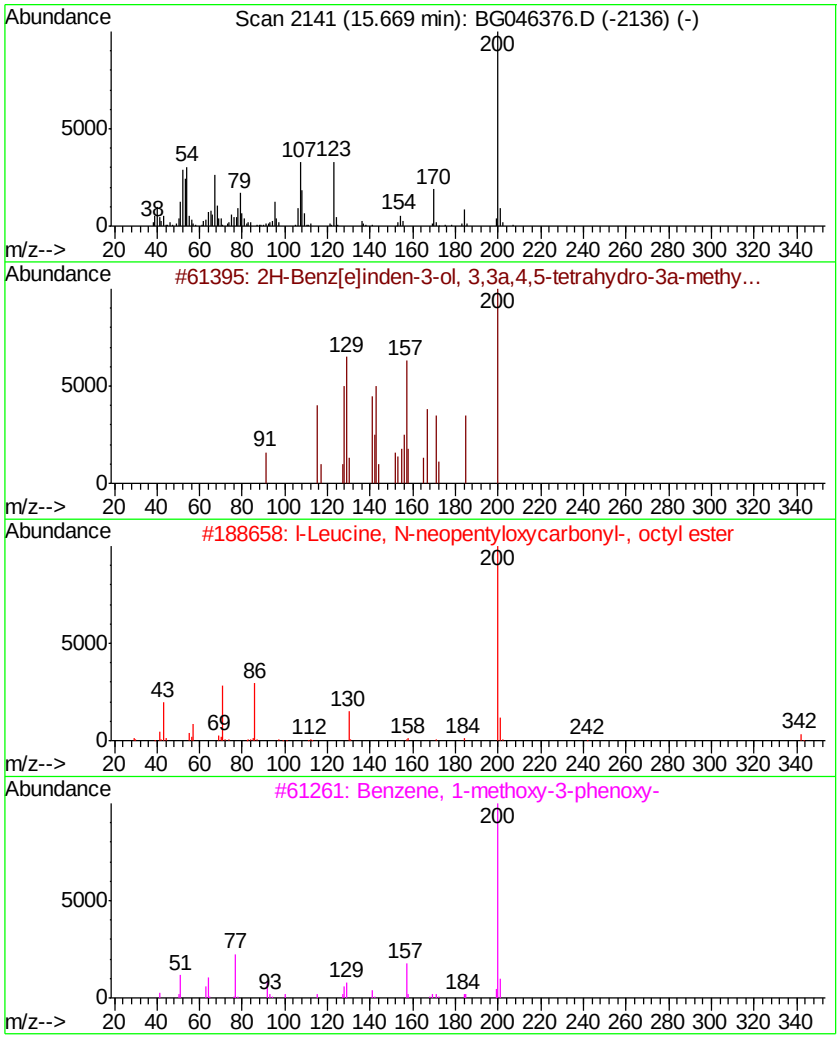
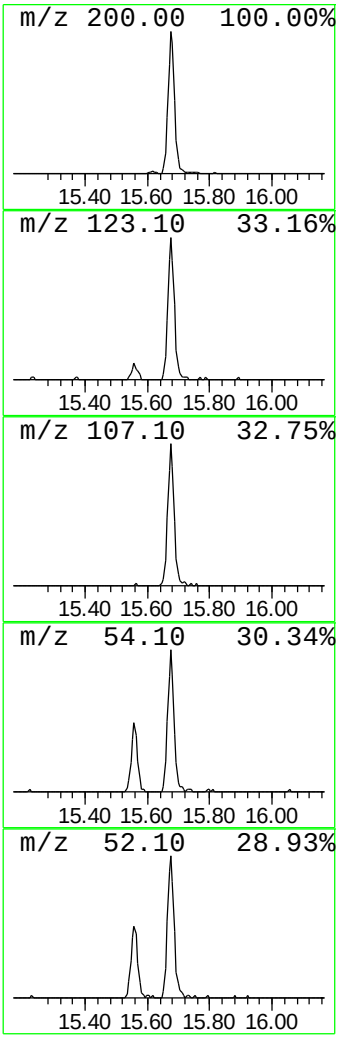
Peak Number 14 unknown-08 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	6.24 ng/ul	313098	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	35
2	l-Leucine, N-neopentyloxycarbony...	357	C20H39NO4	1000328-02-5	10
3	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	9
4	l-Norleucine, N-neopentyloxycarb...	371	C21H41NO4	1000329-64-7	8
5	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	8





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Quant Title : SVOA CALIBRATION

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

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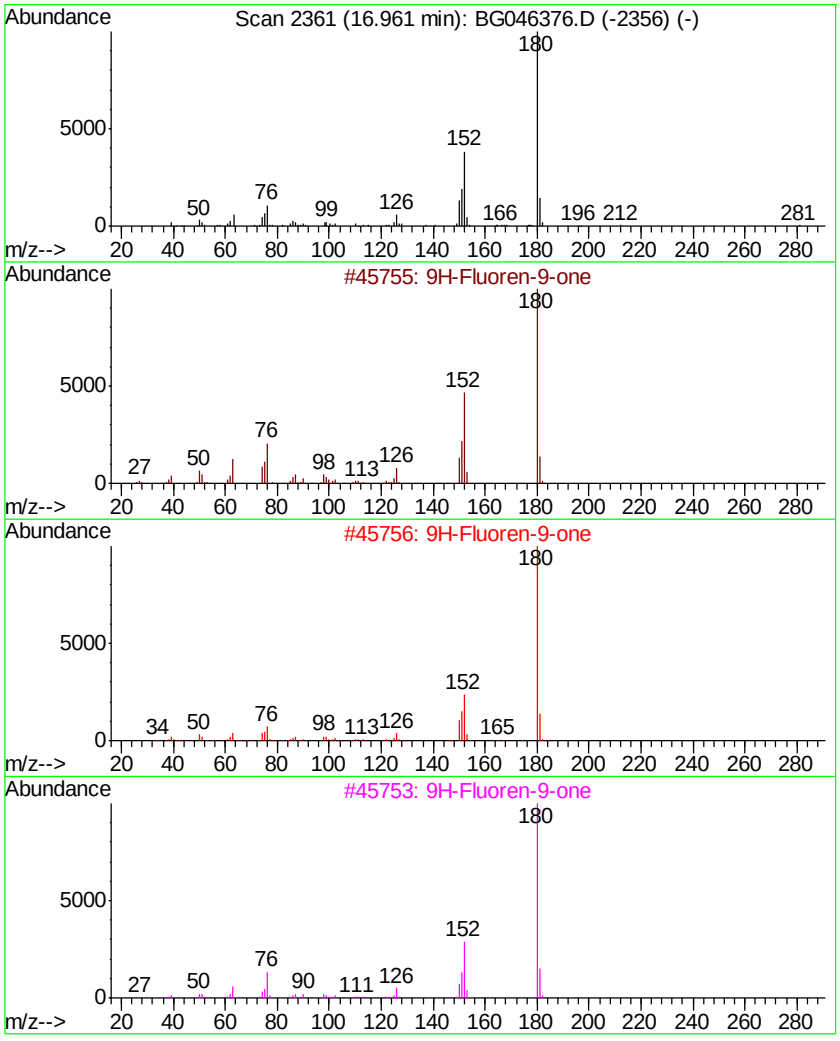
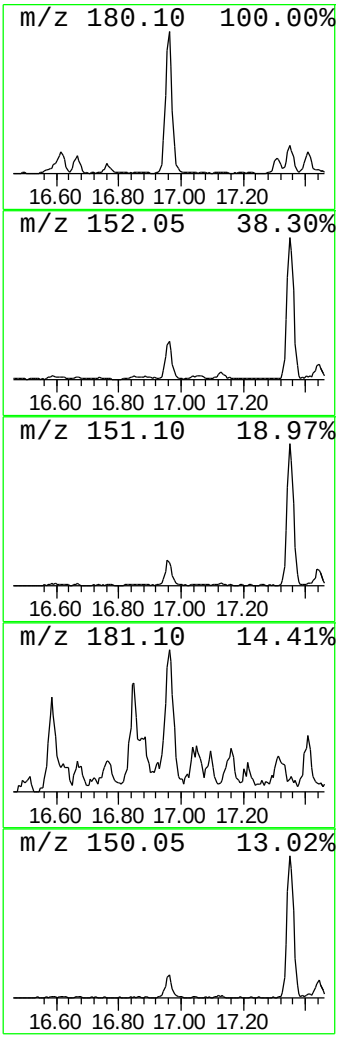
Peak Number 15 9H-Fluoren-9-one Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	2.22 ng/ul	145849	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





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Quant Title : SVOA CALIBRATION

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

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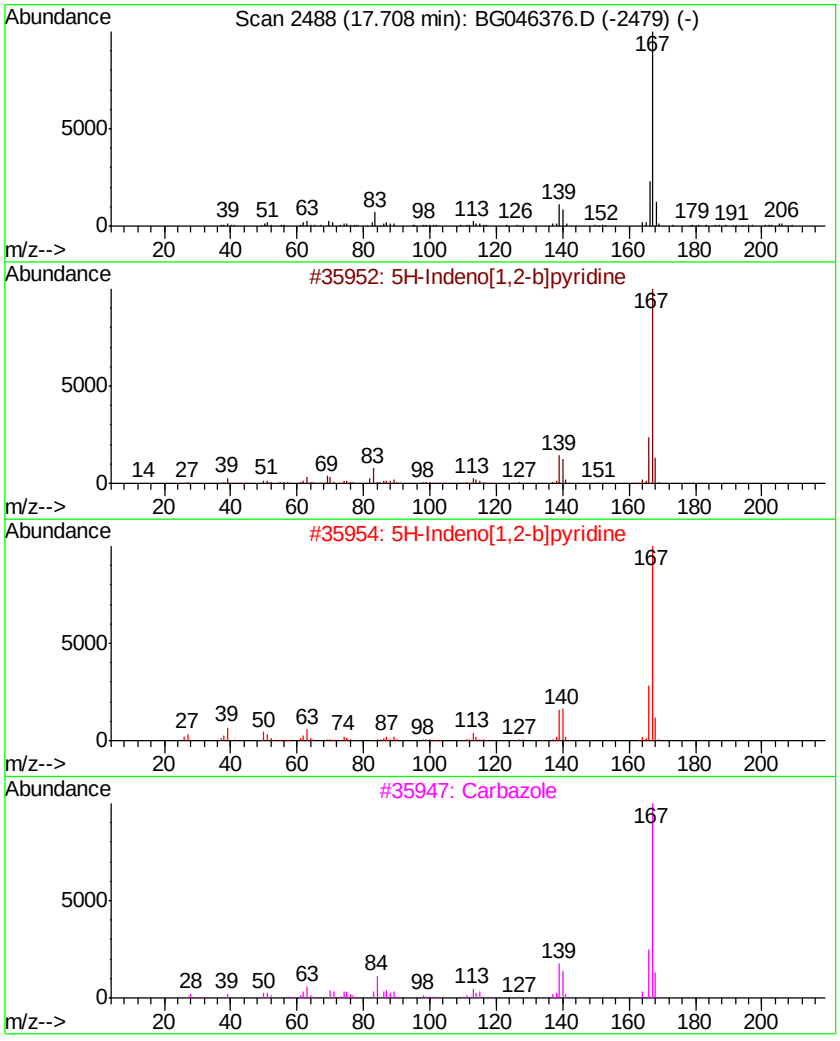
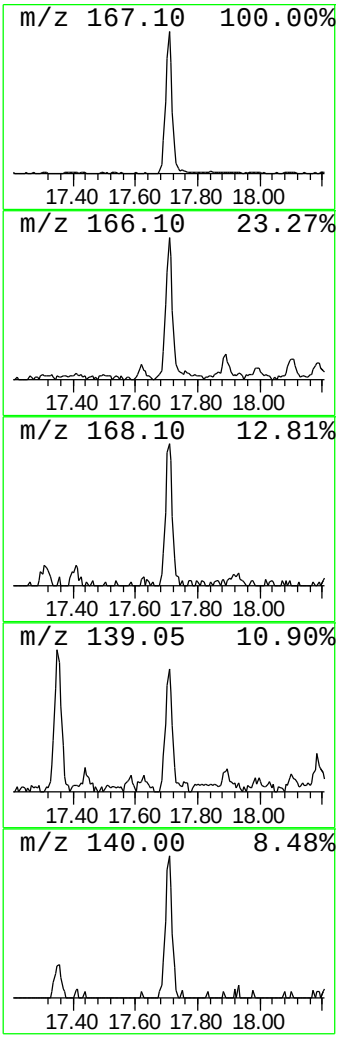
Peak Number 16 5H-Indeno[1,2-b]pyridine Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	2.60 ng/ul	171226	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
3	Carbazole	167	C12H9N	000086-74-8	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80





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Data File : BG046376.D
Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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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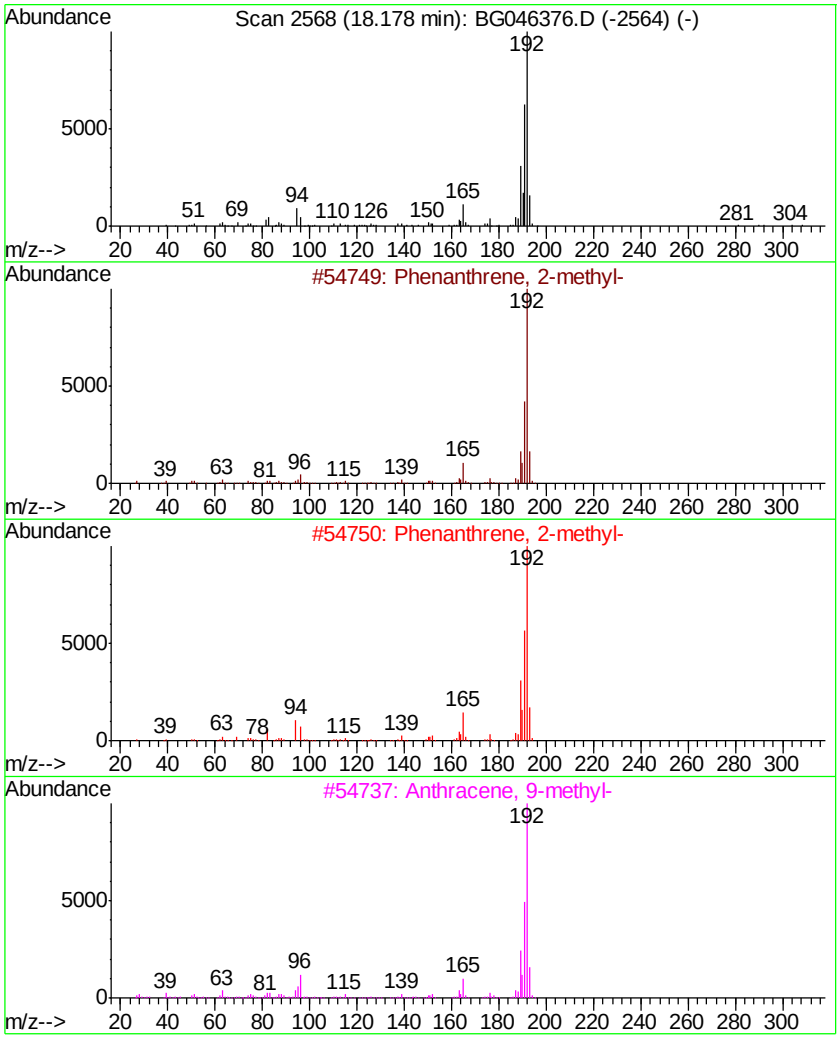
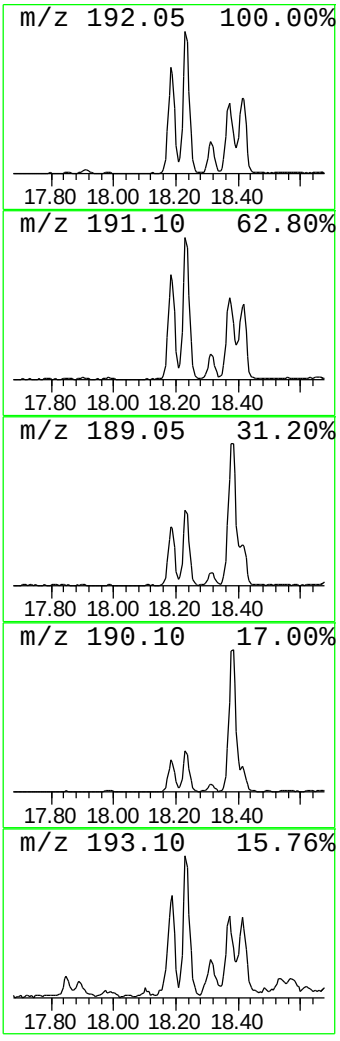
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	4.07 ng/ul	267388	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83





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Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

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

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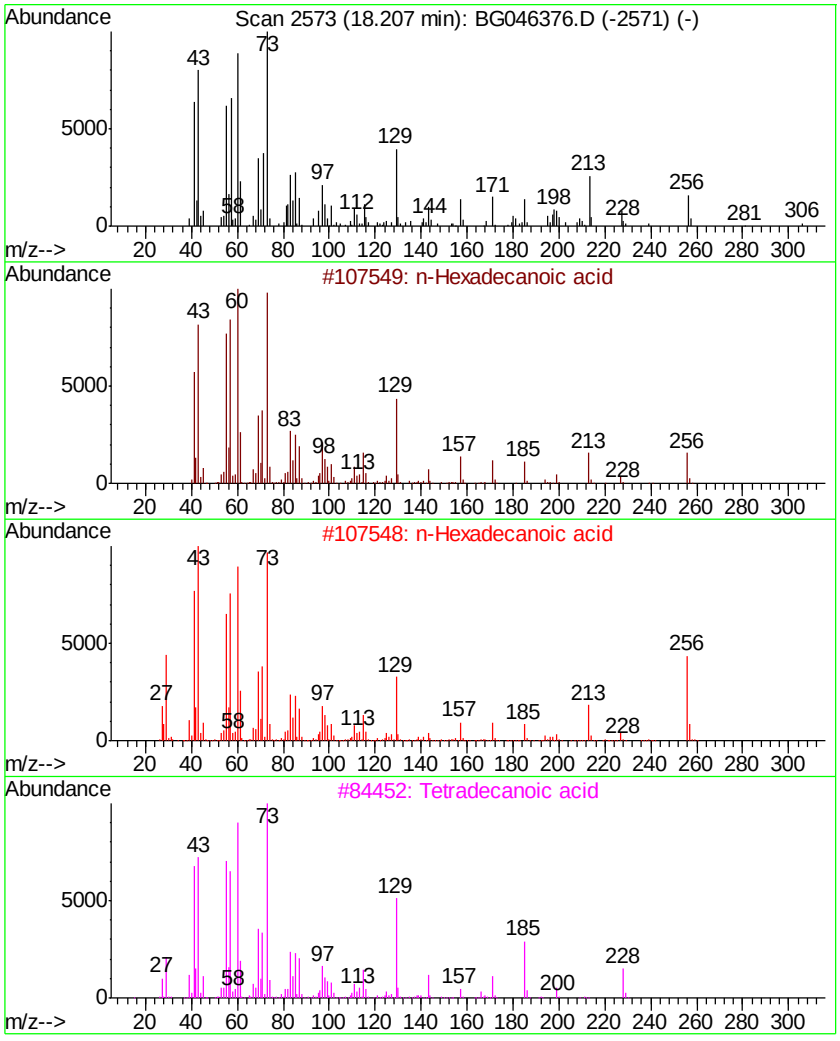
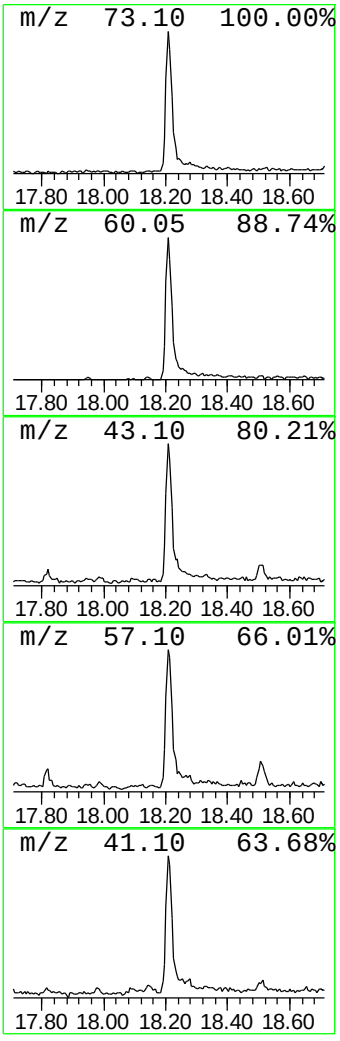
Peak Number 18 n-Hexadecanoic acid Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	3.74 ng/ul	245777	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Library Search Compound Report

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Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

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

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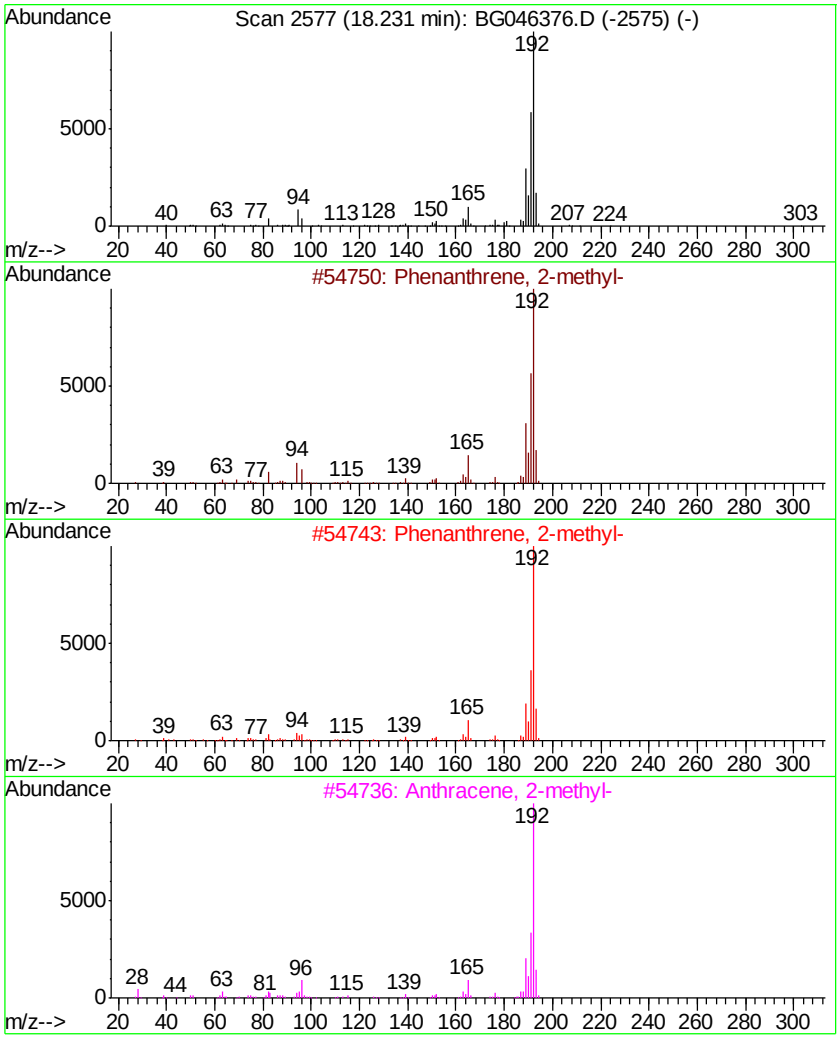
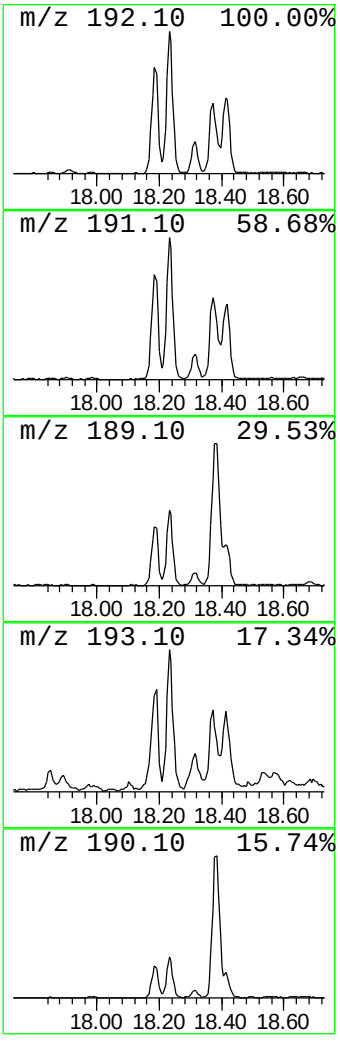
Peak Number 19 Anthracene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	5.44 ng/ul	357792	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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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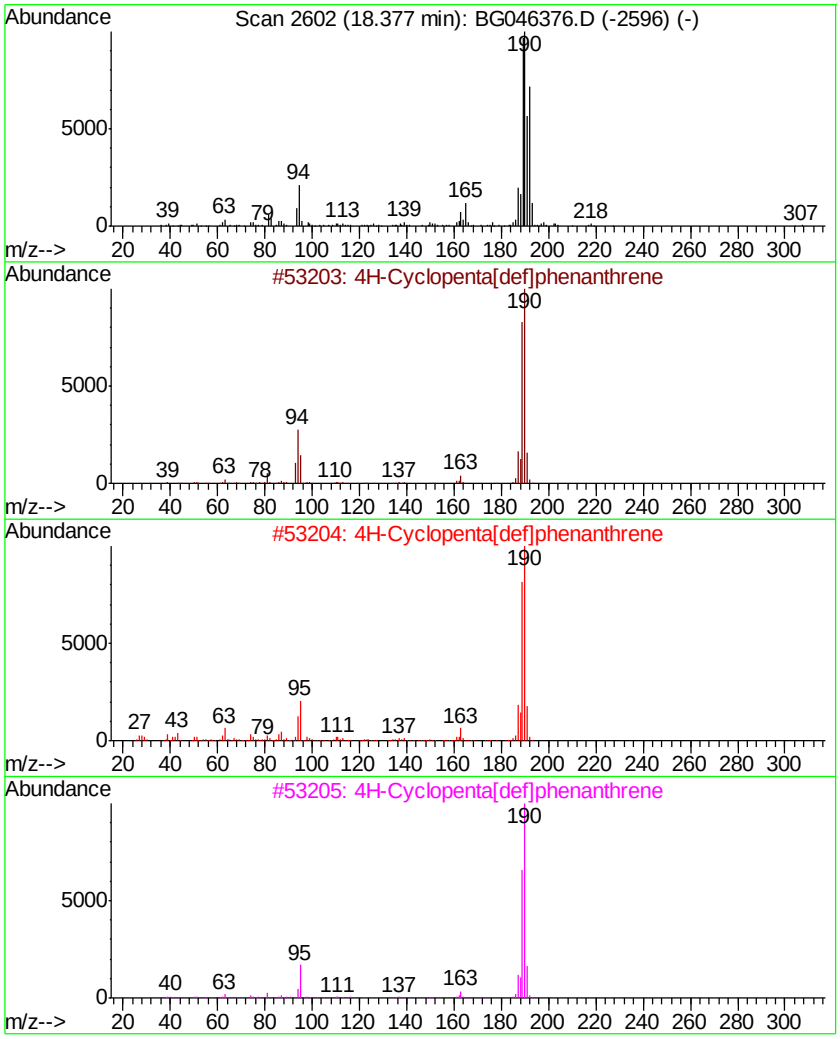
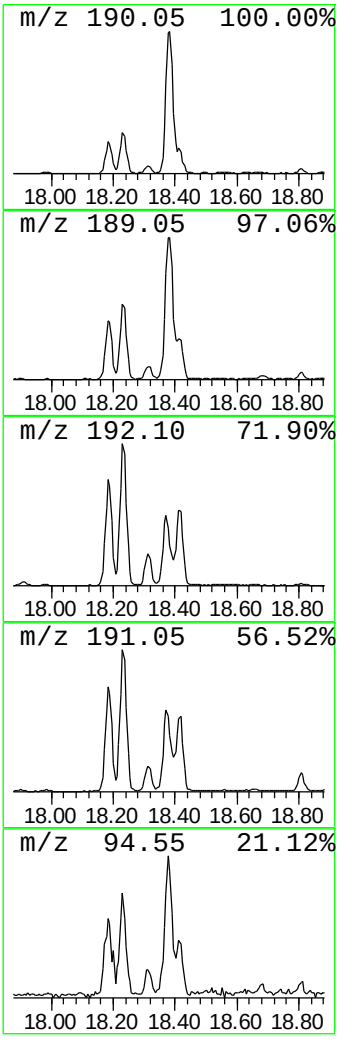
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	6.56 ng/ul	431594	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	25





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Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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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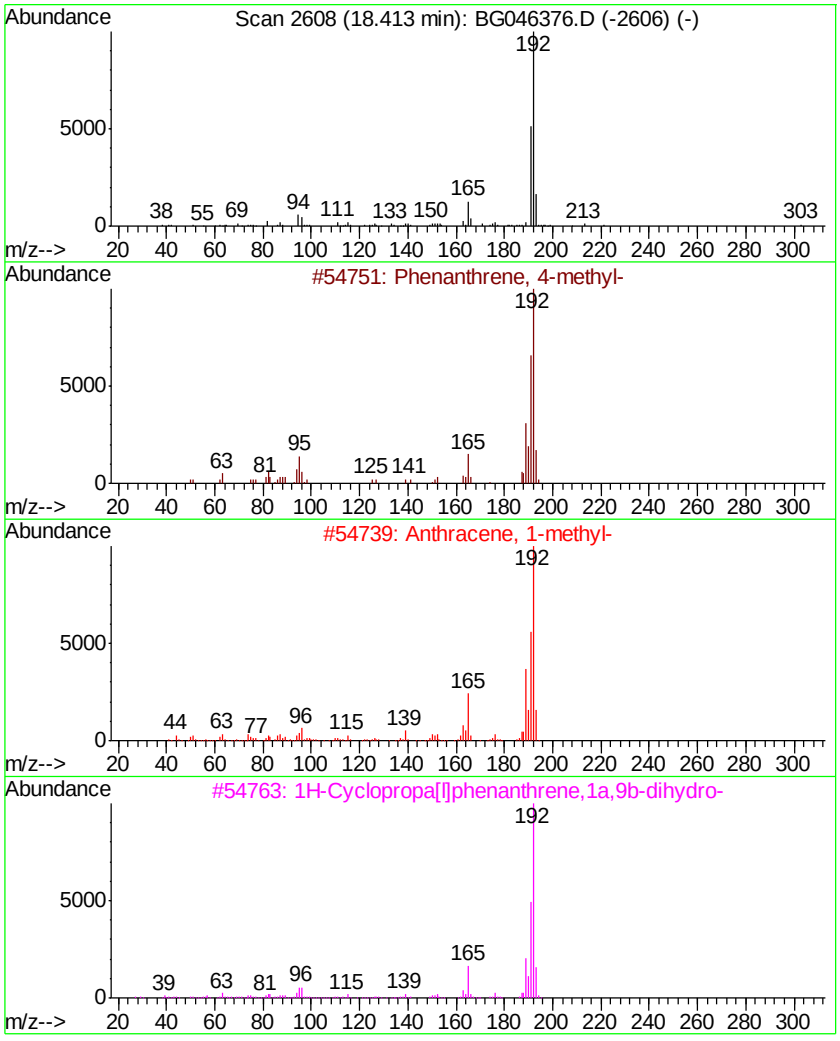
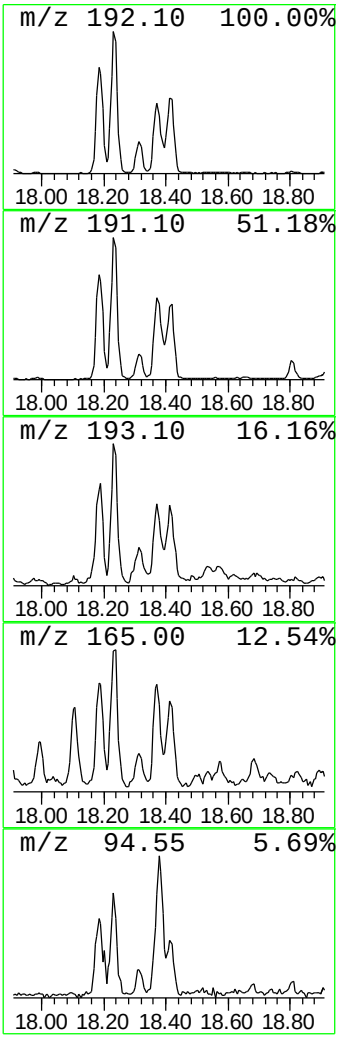
Peak Number 21 Phenanthrene, 4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.72 ng/ul	178722	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





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Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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

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

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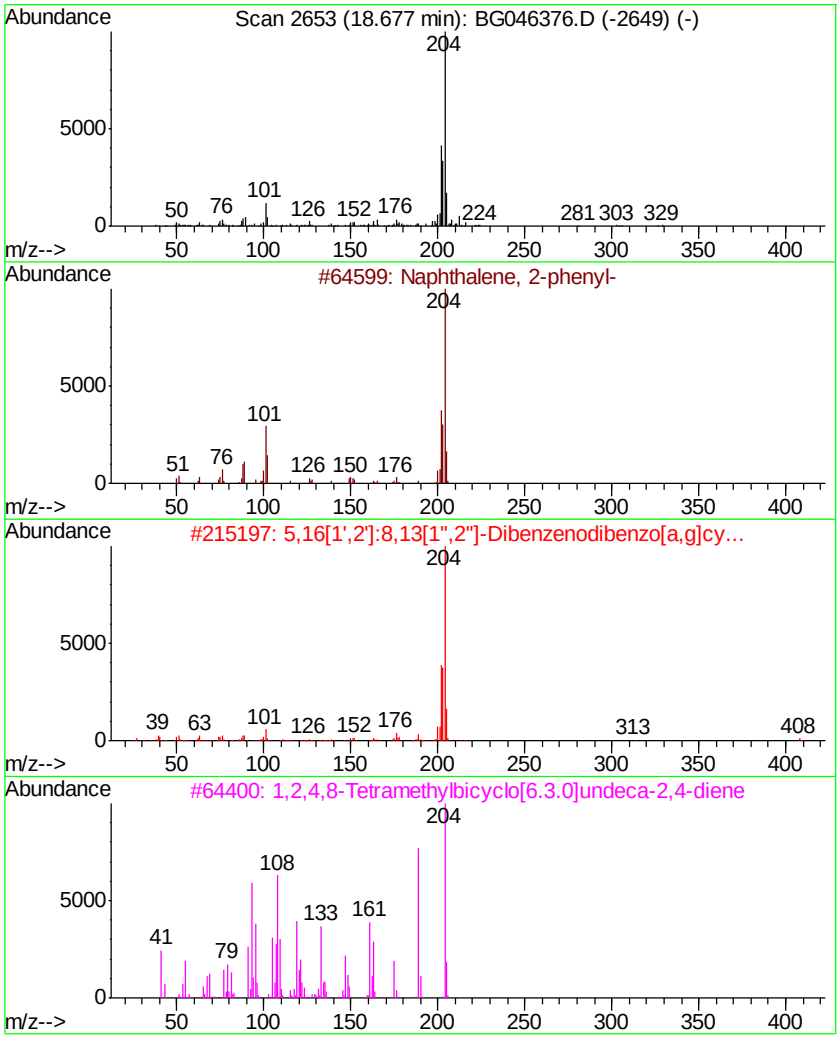
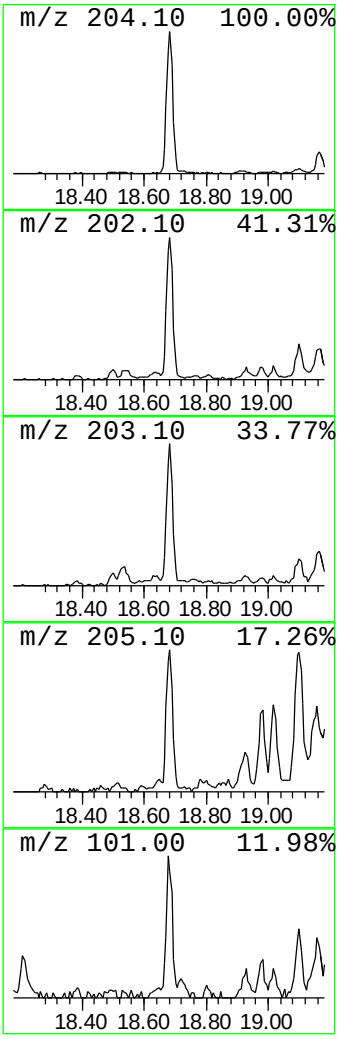
Peak Number 22 Naphthalene, 2-phenyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	3.41 ng/ul	224224	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86





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Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

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

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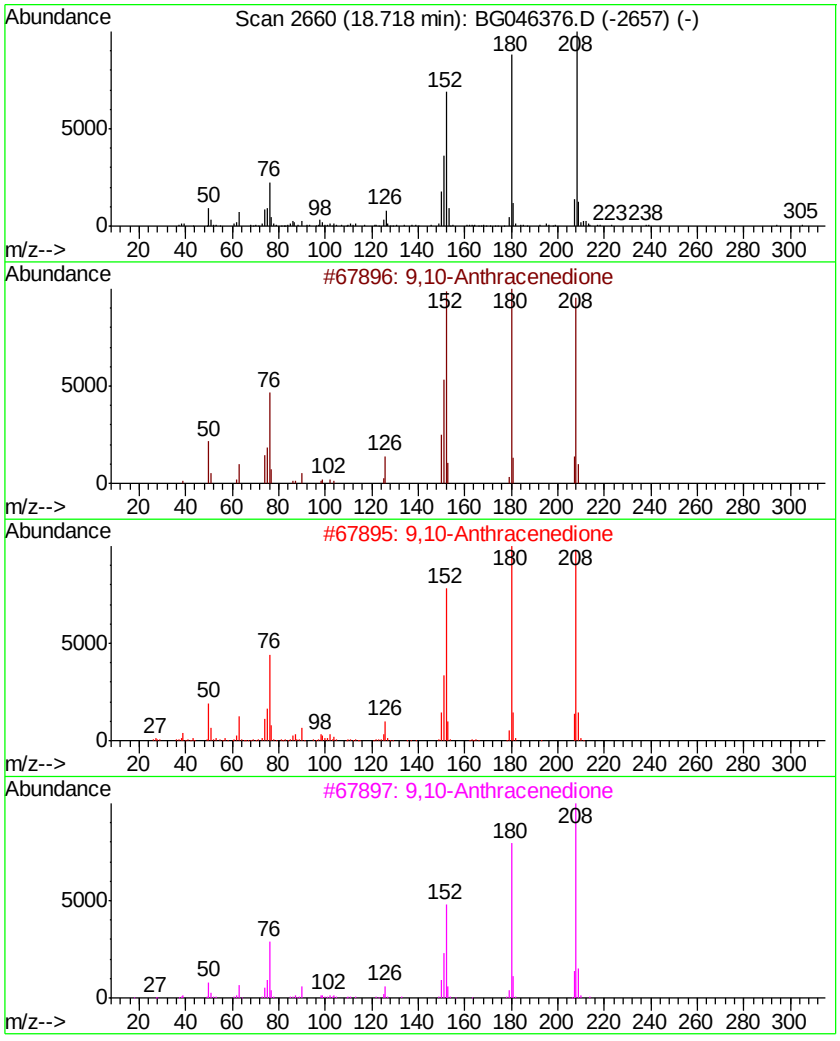
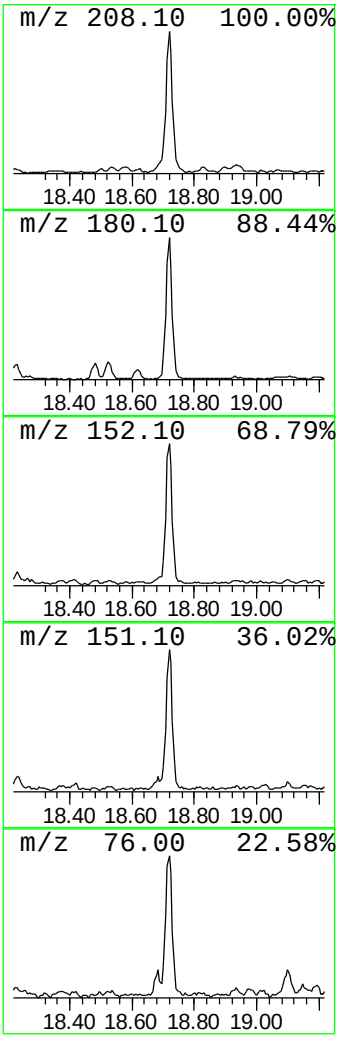
Peak Number 23 9,10-Anthracenedione Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	4.55 ng/ul	299563	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	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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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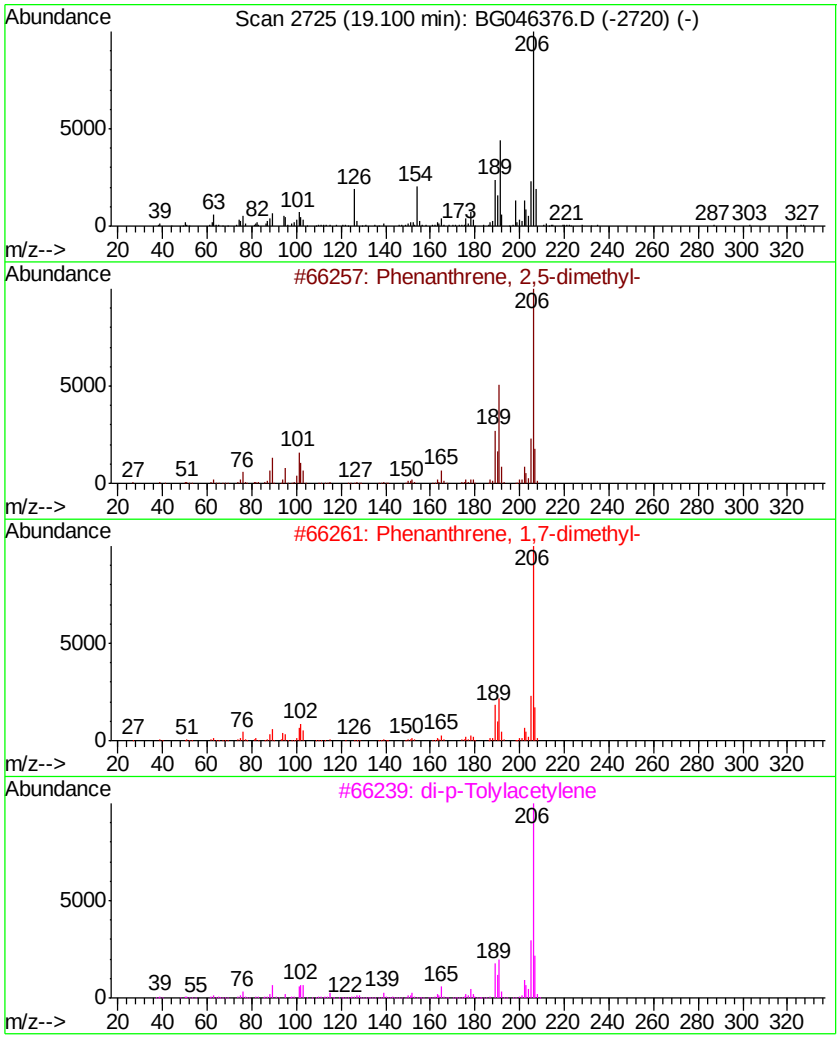
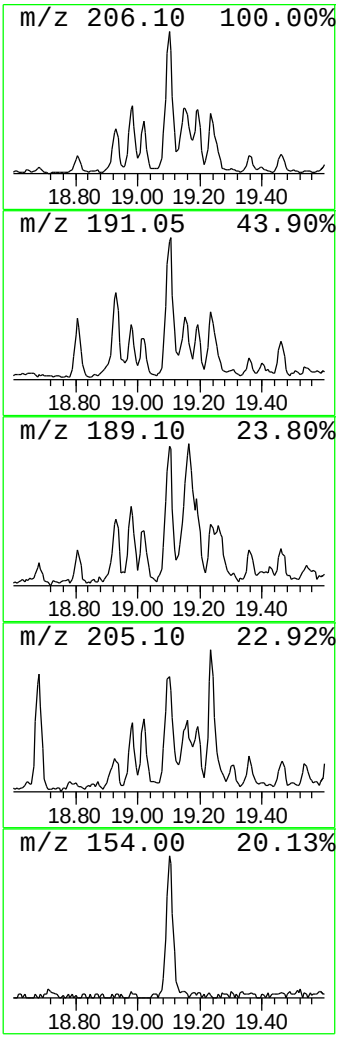
Peak Number 24 Phenanthrene, 2,5-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	3.39 ng/ul	223075	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81





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Misc :
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Instrument : BNA_G
ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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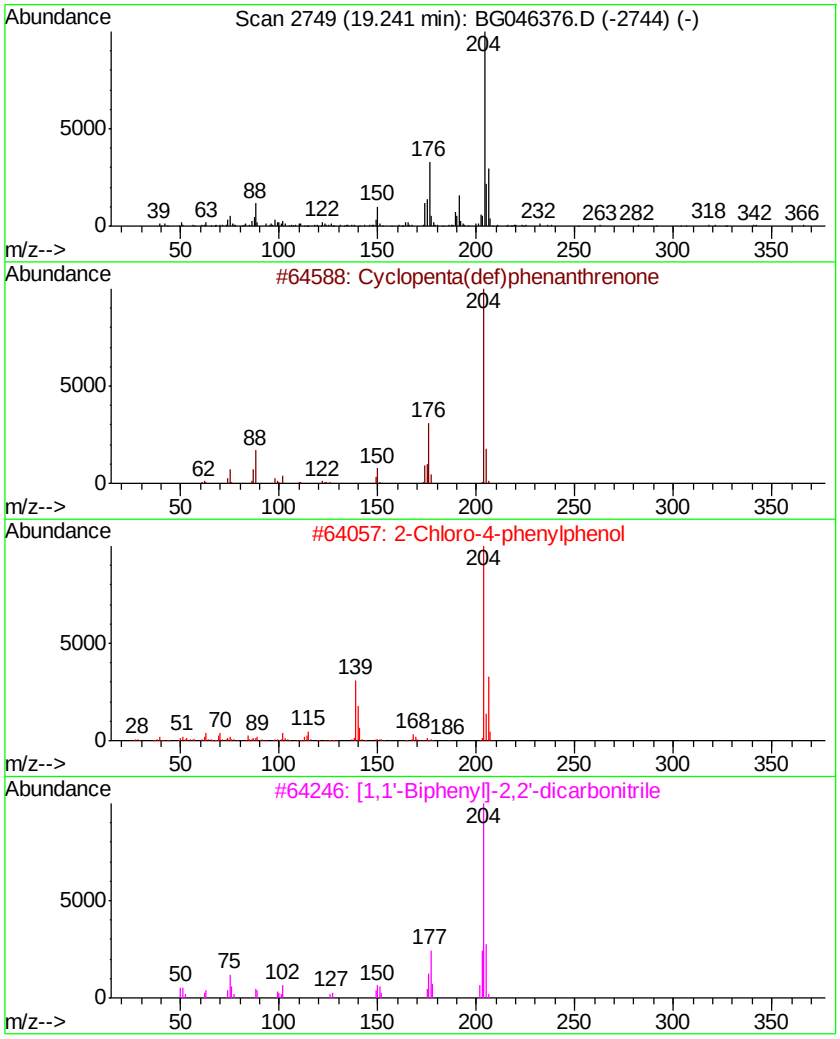
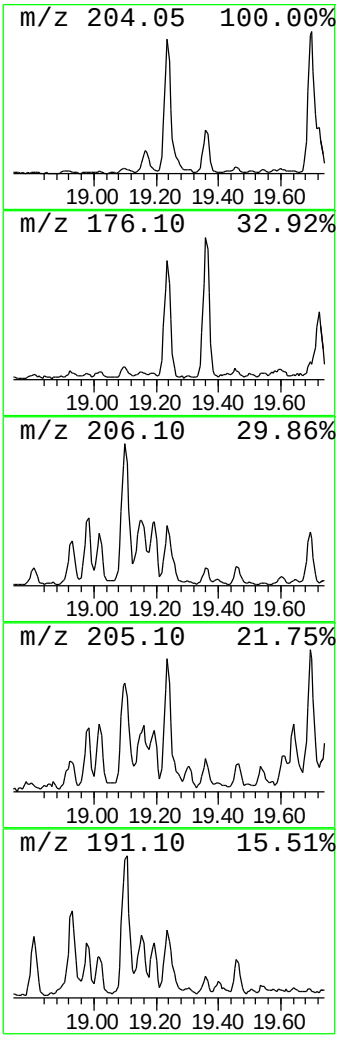
Peak Number 25 Cyclopenta(def)phenanthrenone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.90 ng/ul	256530	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	49
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	40





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Instrument : BNA_G
ClientSampleId : BFMF2

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Quant Title : SVOA CALIBRATION

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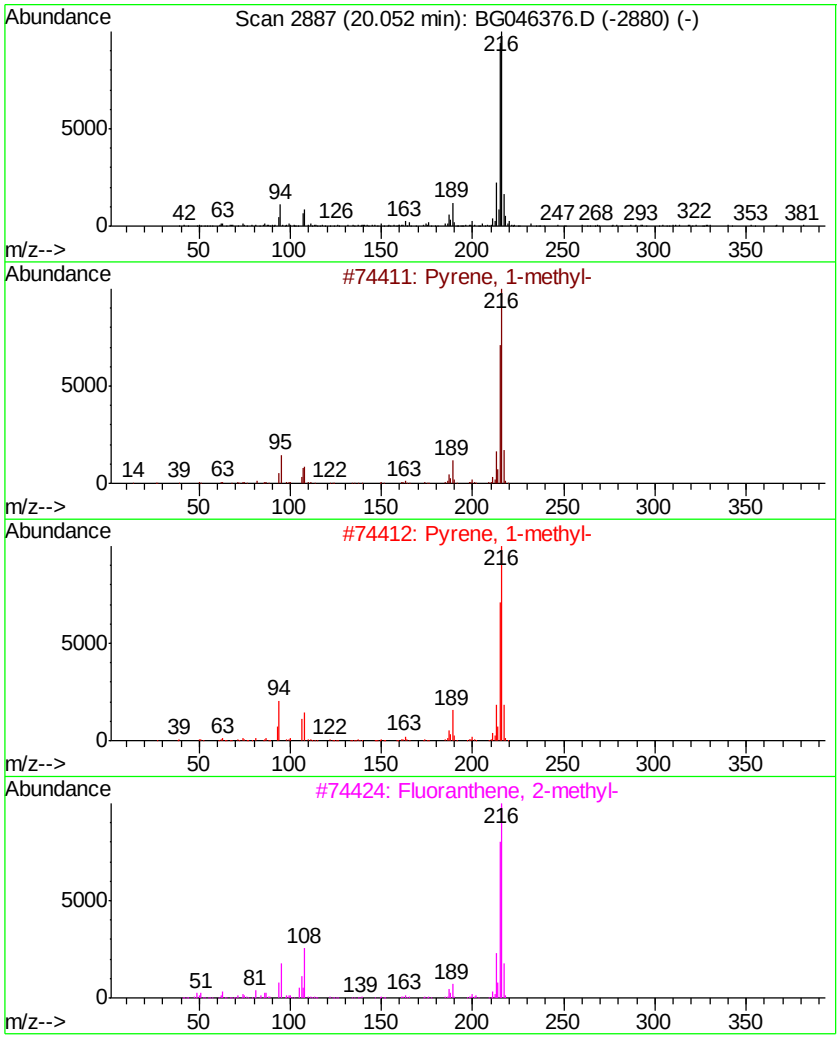
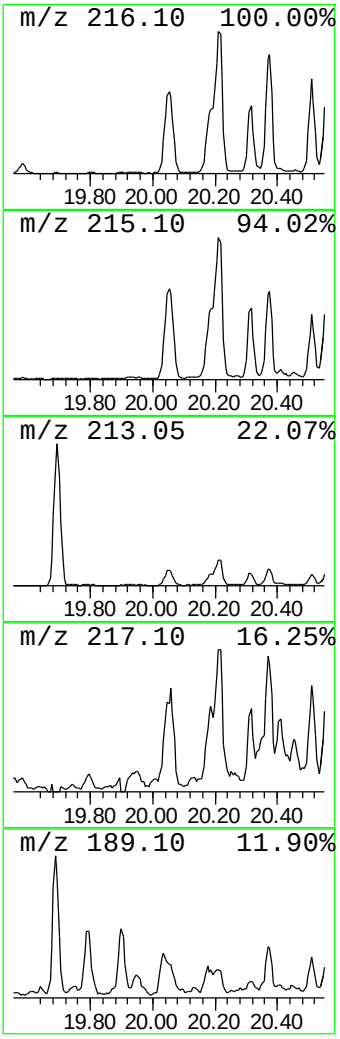
Peak Number 26 Pyrene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.59 ng/ul	382595	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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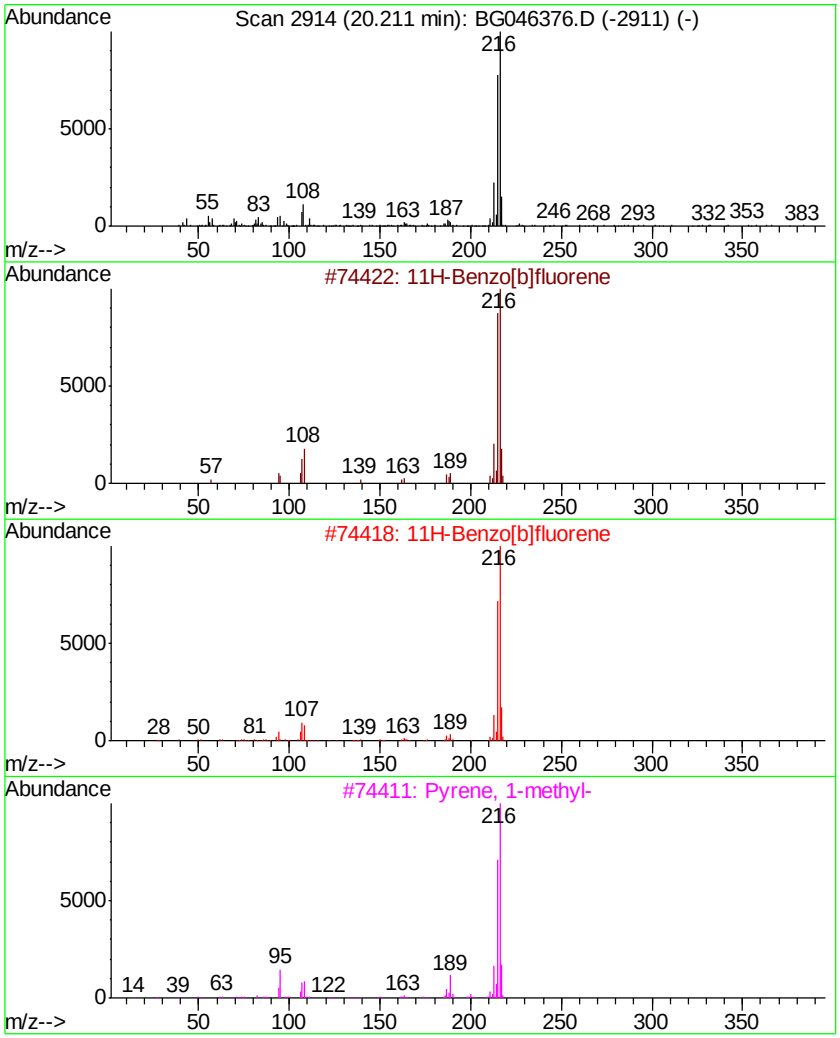
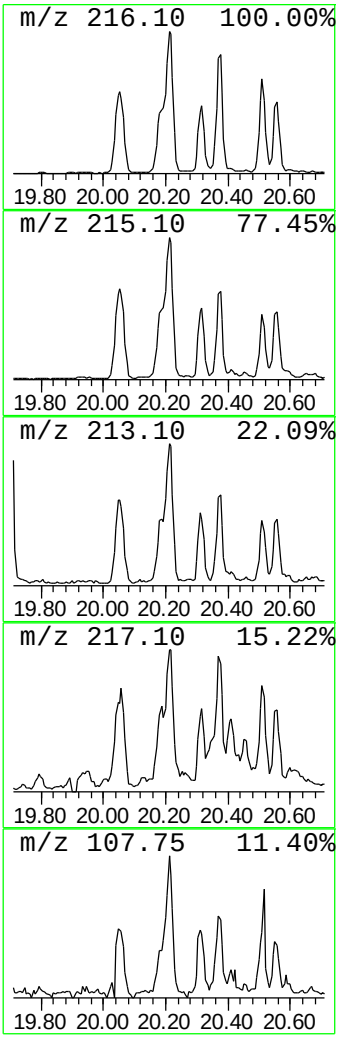
Peak Number 27 11H-Benzo[b]fluorene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.02 ng/ul	297673	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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

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

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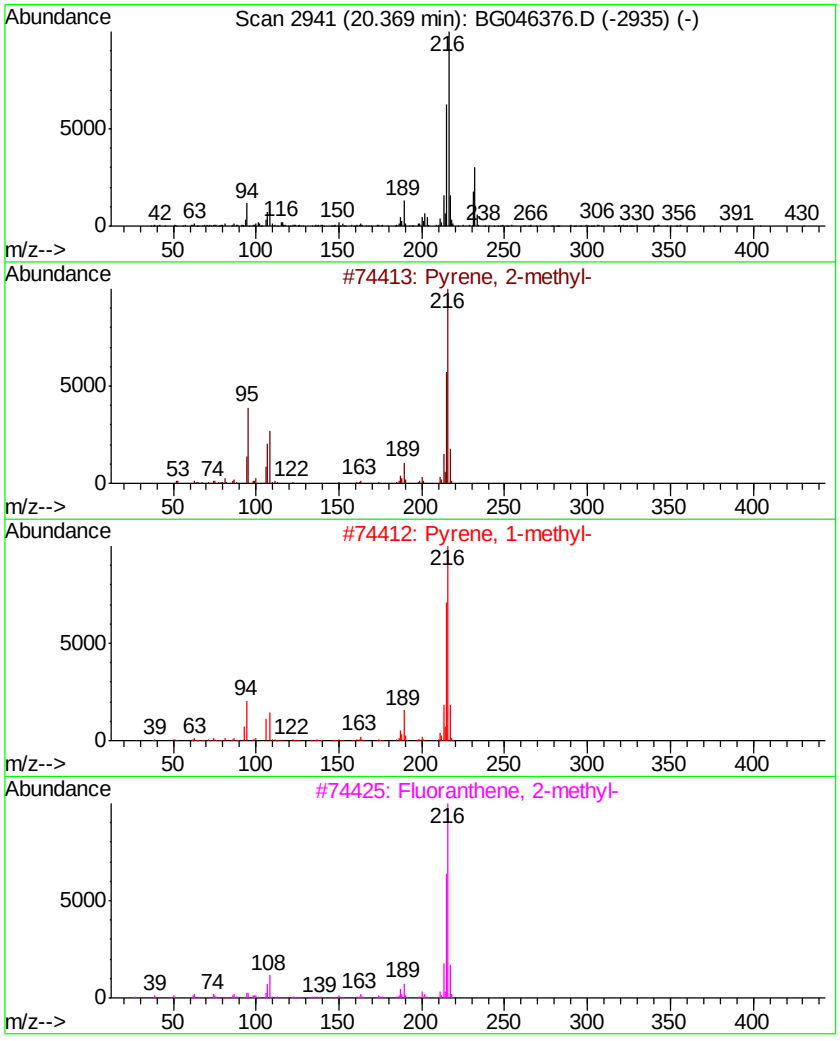
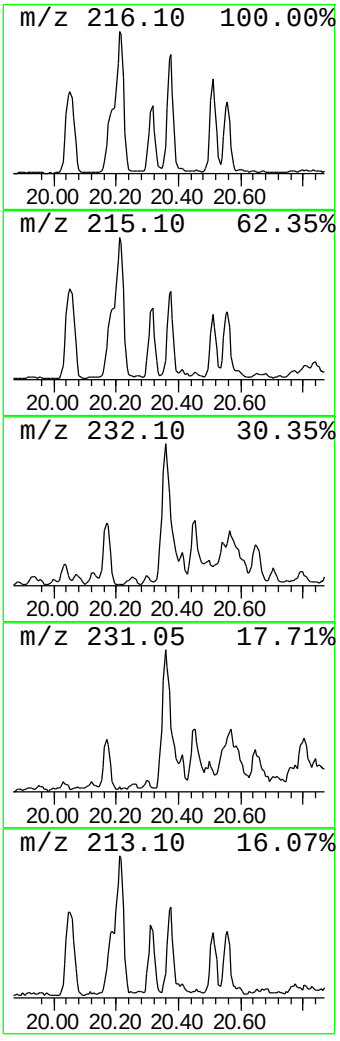
Peak Number 28 Pyrene, 2-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.35 ng/ul	347291	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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Data File : BG046376.D
Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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

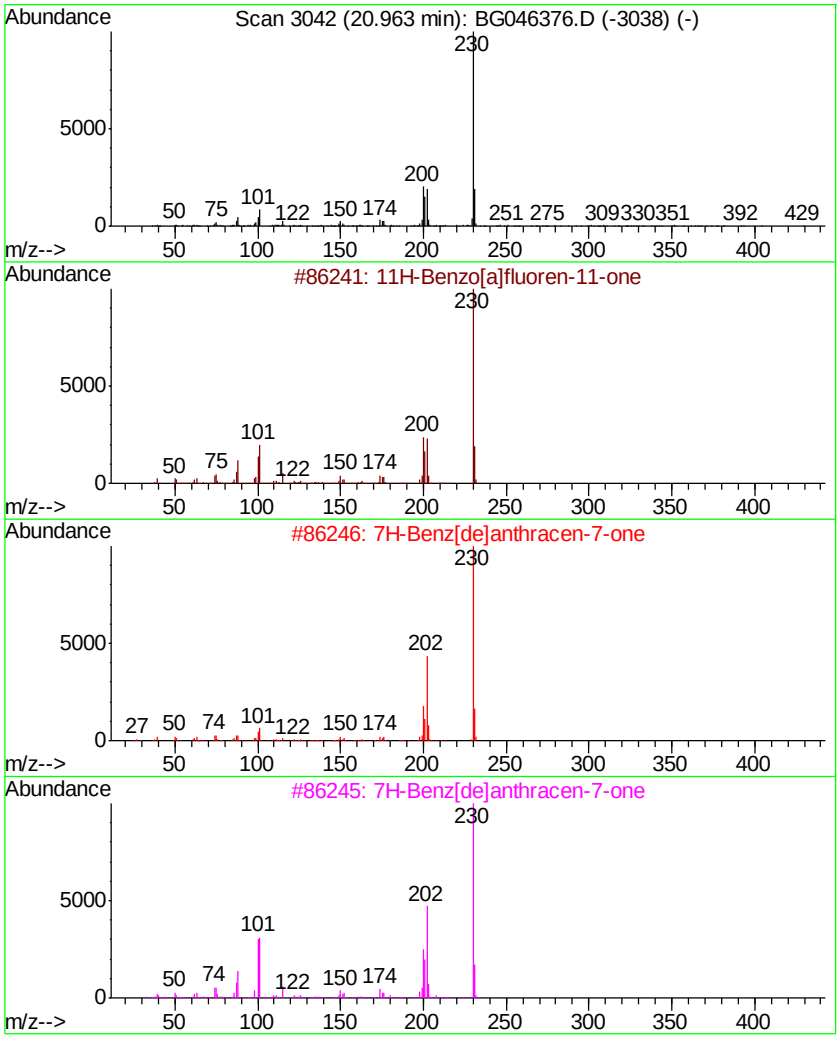
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

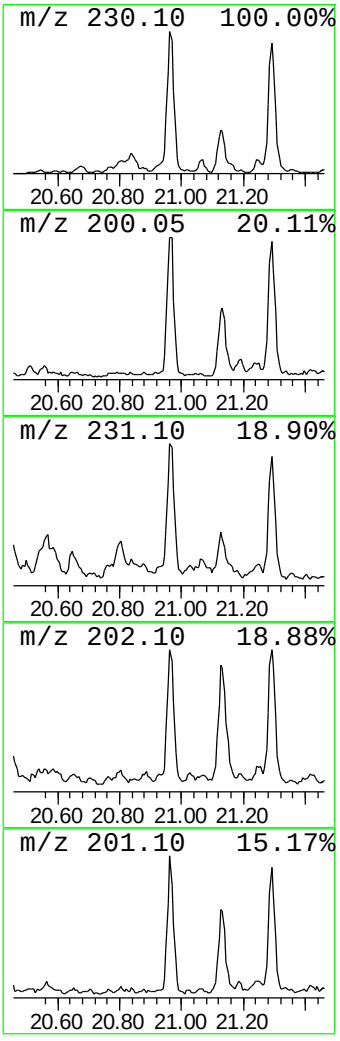
****

Peak Number 29 11H-Benzo[a]fluoren-11-one Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.54 ng/ul	375443	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	93
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	64
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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Data File : BG046376.D
Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

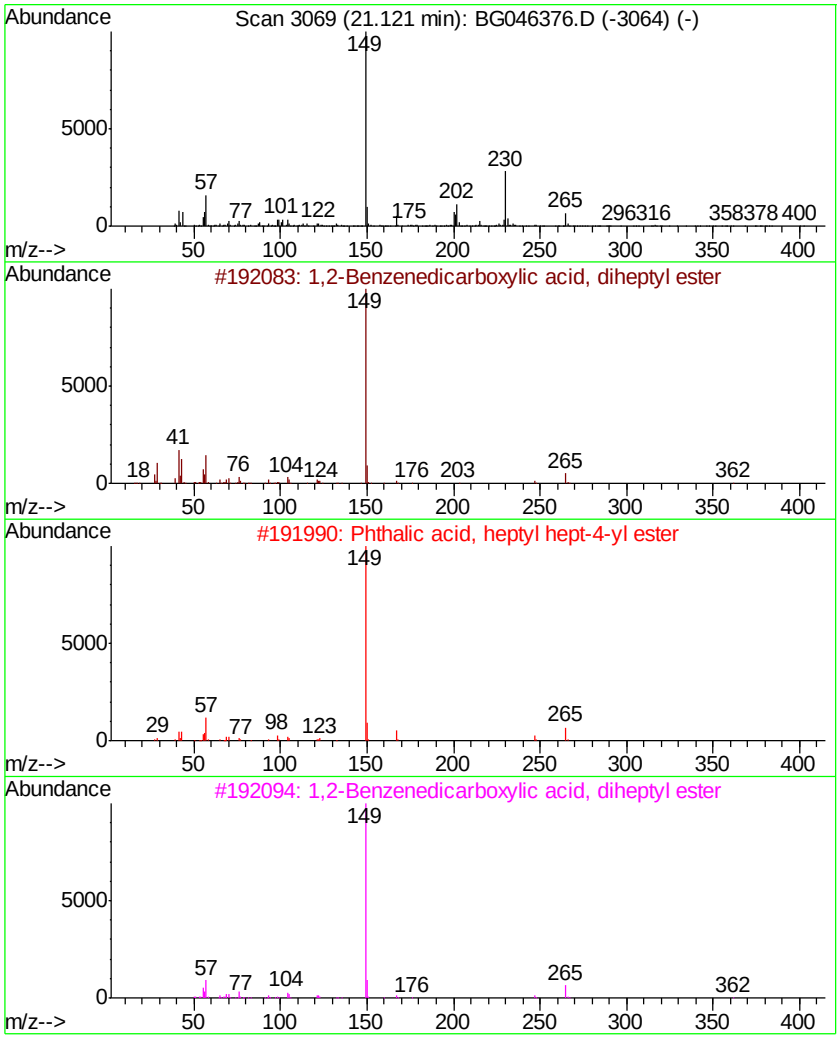
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

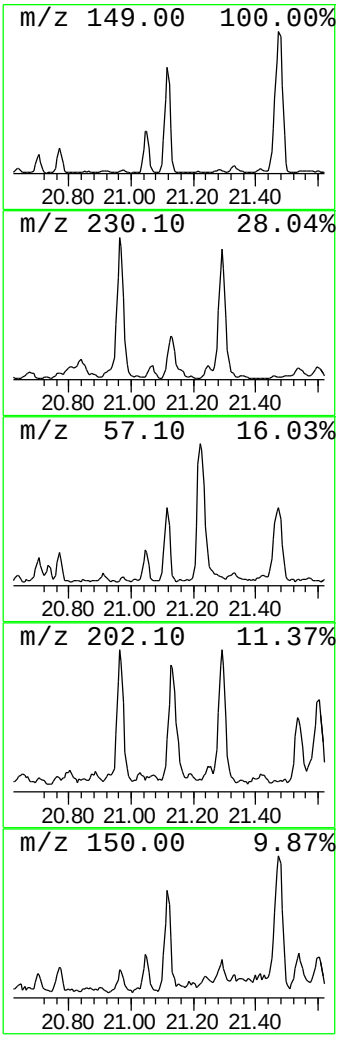
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1,2-Benzenedicarboxylic aci... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.70 ng/ul	398549	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	58
2	Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	52
3	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	52
4	Phthalic acid, 2-cyclohexylethyl...	374	C23H34O4	1000309-87-7	52
5	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046376.D
Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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

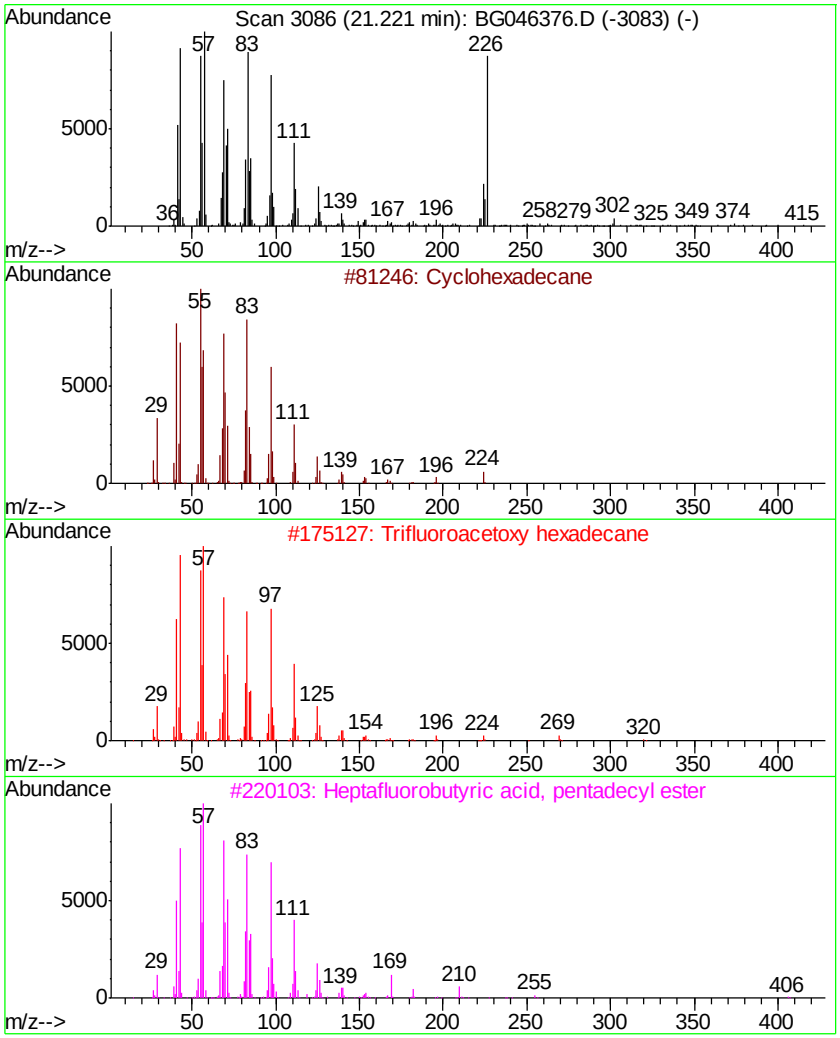
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

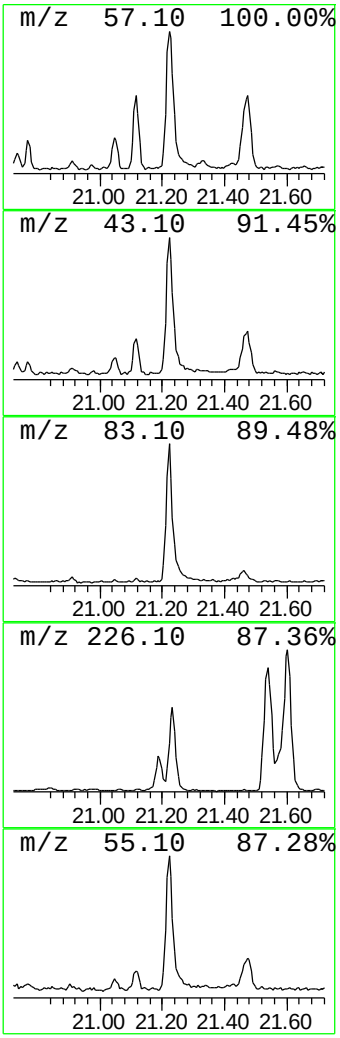
****

Peak Number 31 (DEL) Alkane: Cyclic21.22 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	5.45 ng/ul	804368	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046376.D
Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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

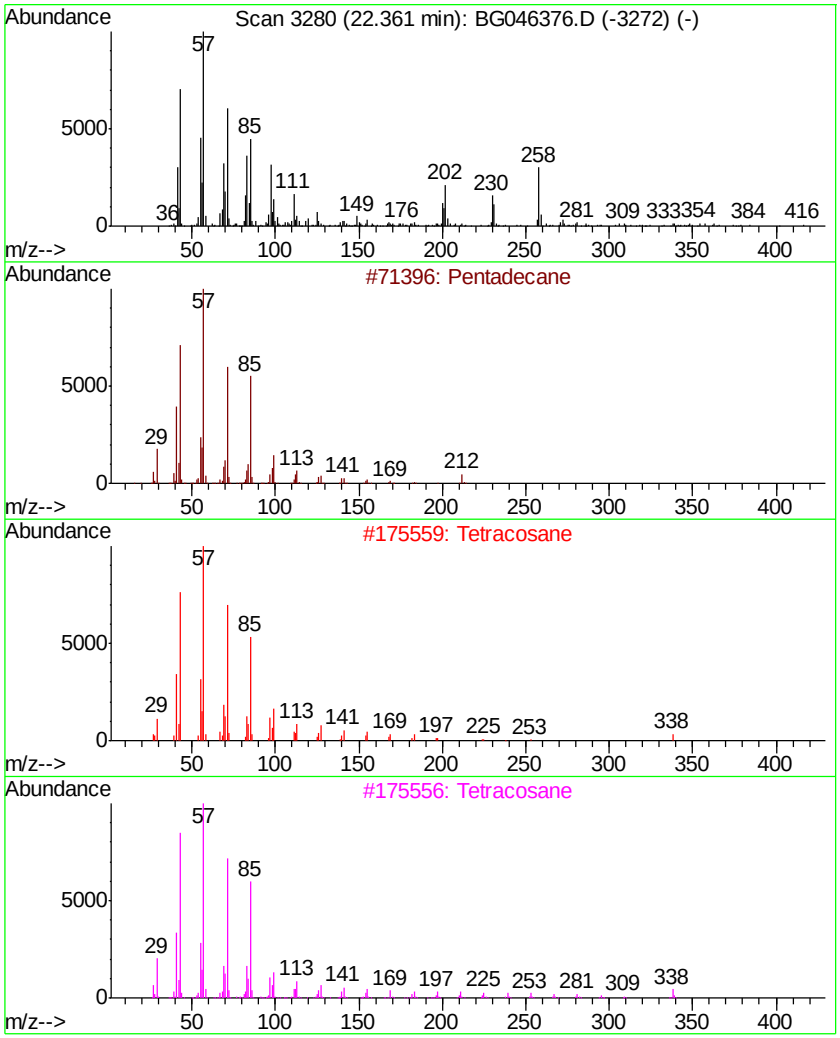
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

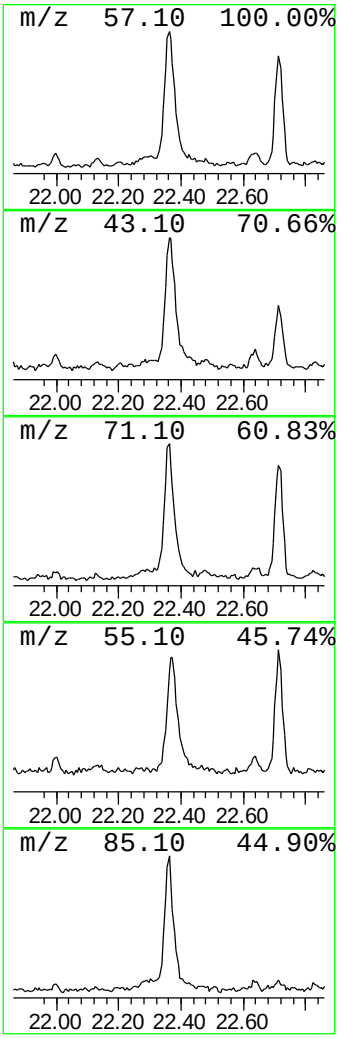
****

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	3.52 ng/ul	519663	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Tetracosane	338	C24H50	000646-31-1	46
3	Tetracosane	338	C24H50	000646-31-1	46
4	Tetradecane	198	C14H30	000629-59-4	46
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046376.D
Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

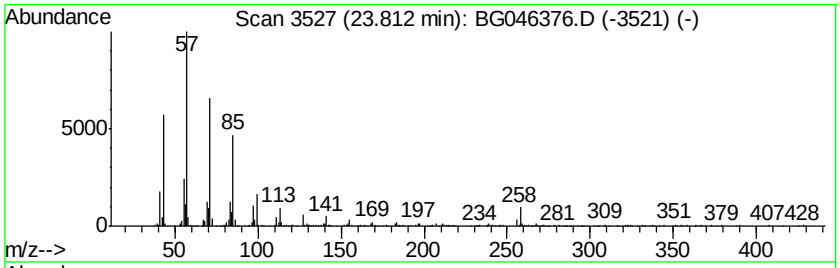
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

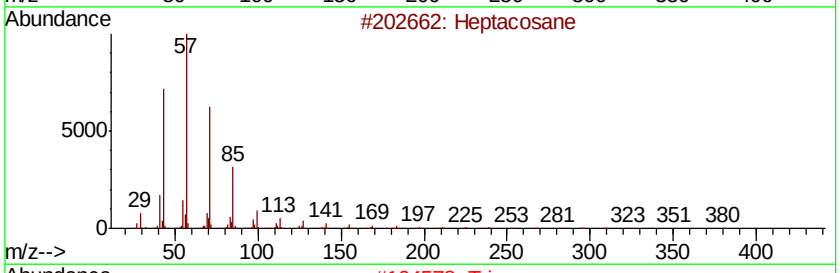
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

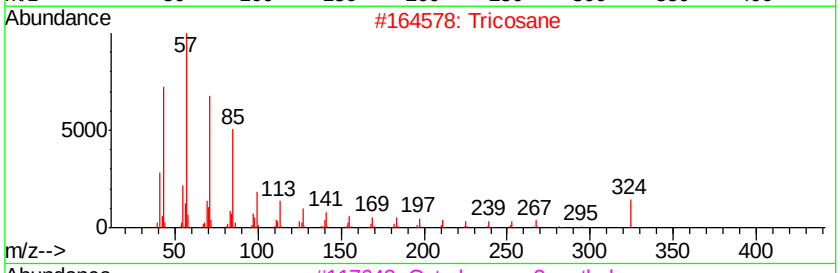
****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 19

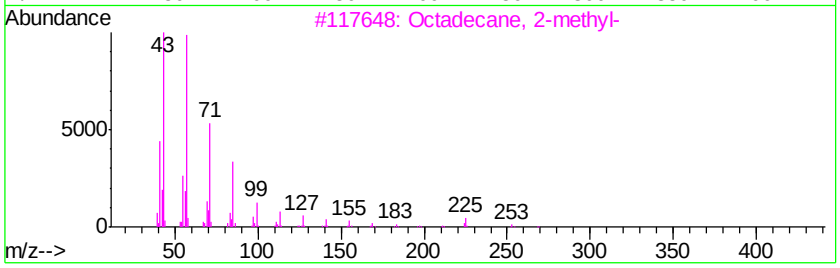
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	6.12 ng/ul	429518	Perylene-d12	24.66

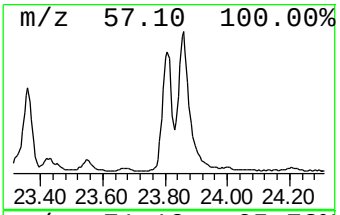
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Tricosane	324	C23H48	000638-67-5	93
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90

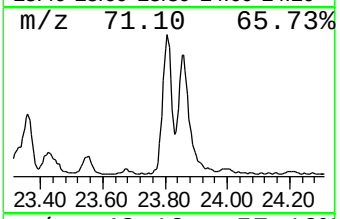


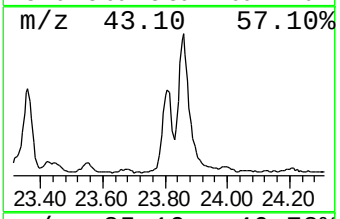


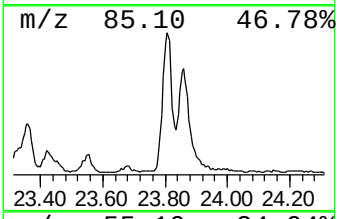


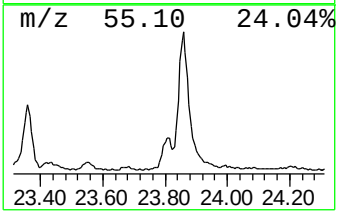












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046376.D
Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

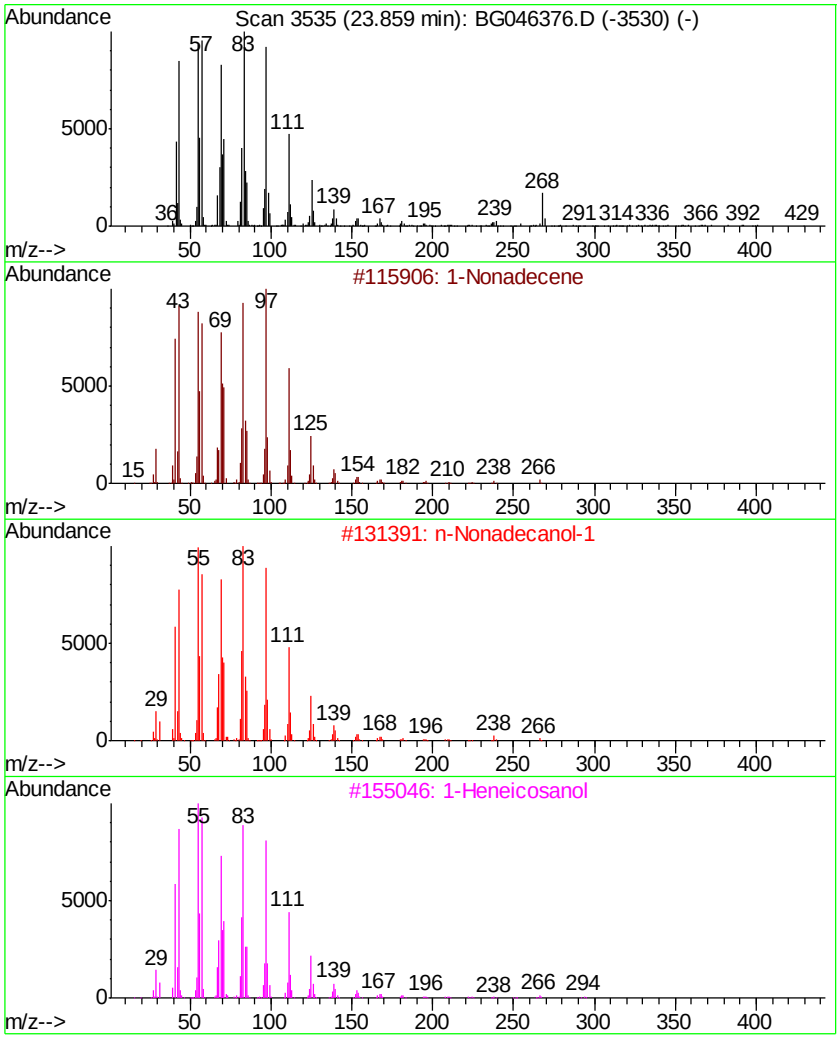
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

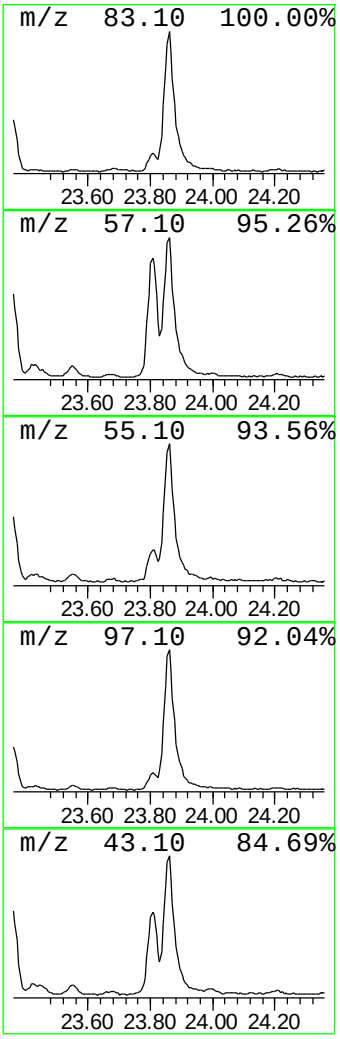
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	17.99 ng/ul	1263600	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	95
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046376.D
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Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

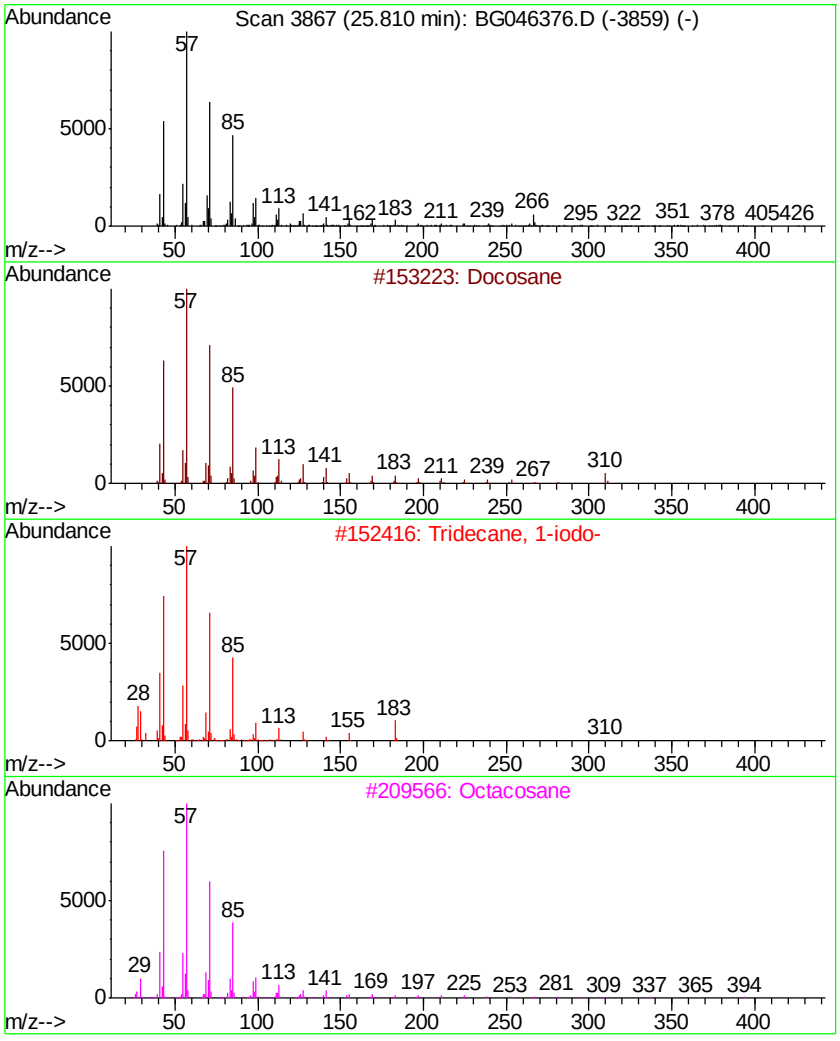
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

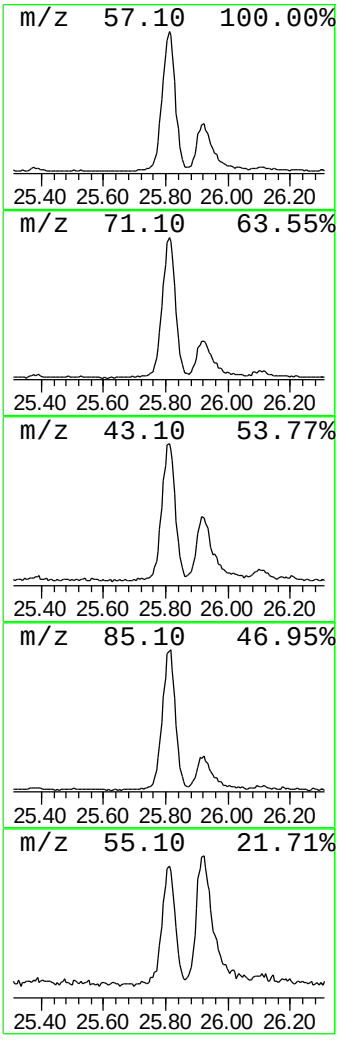
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	11.87 ng/ul	833778	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	92
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Octacosane	394	C28H58	000630-02-4	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046376.D
Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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

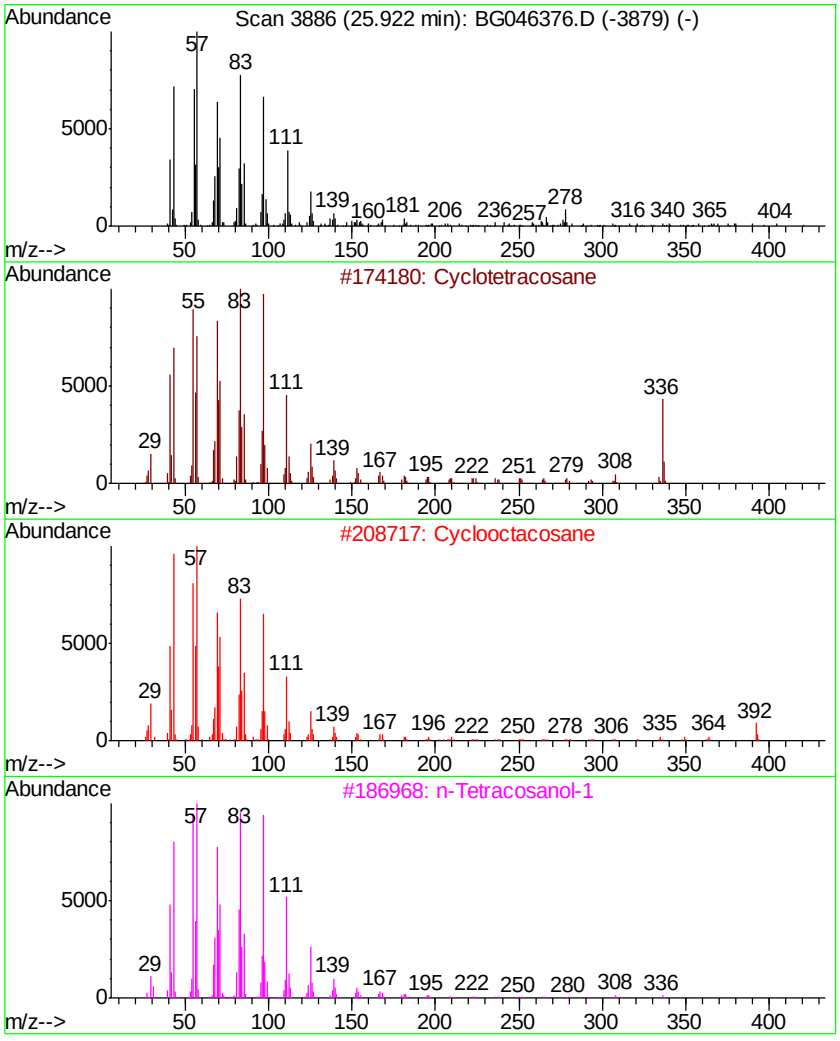
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

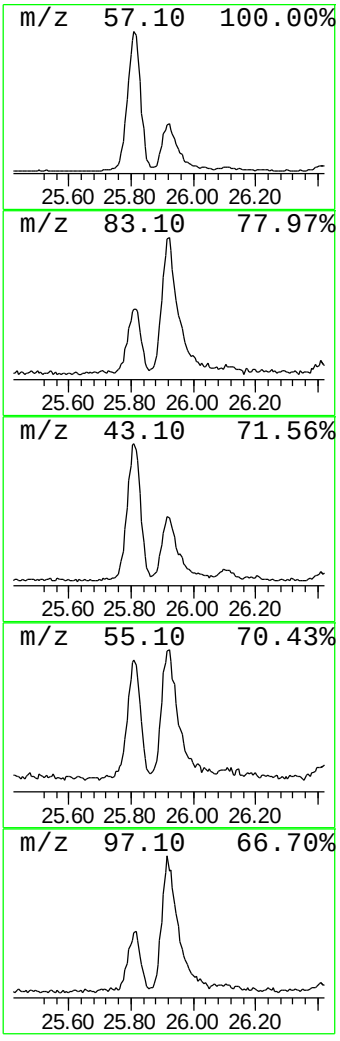
****

Peak Number 43 (DEL) Alkane: Cyclic25.92 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.92	7.62 ng/ul	534863	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	Cyclooctacosane	392	C28H56	000297-24-5	96
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046376.D
Acq On : 20 Aug 2020 13:14
Operator : CG/JU
Sample : L3634-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF2

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	115.8	ng/ul	2648480	1	7.94	457281	20.0
unknown-01	3.92	2.4	ng/ul	55582	1	7.94	457281	20.0
4H-Imidazol-4-one...	7.10	19.1	ng/ul	436956	1	7.94	457281	20.0
unknown-02	7.27	14.3	ng/ul	326647	1	7.94	457281	20.0
unknown-03	7.47	19.1	ng/ul	436138	1	7.94	457281	20.0
Silane, dichlorom...	8.64	21.4	ng/ul	488053	1	7.94	457281	20.0
1H-Imidazole, 4-m...	9.09	18.2	ng/ul	416761	1	7.94	457281	20.0
unknown-04	9.81	10.1	ng/ul	345826	2	10.73	688475	20.0
unknown-05	10.86	9.8	ng/ul	337205	2	10.73	688475	20.0
unknown-06	13.97	16.7	ng/ul	838702	3	14.56	1003070	20.0
Dimethyl phthalate	14.02	6.8	ng/ul	338532	3	14.56	1003070	20.0
unknown-07	14.76	4.9	ng/ul	244761	3	14.56	1003070	20.0
Dibenzofuran	14.96	2.2	ng/ul	109023	3	14.56	1003070	20.0
unknown-08	15.67	6.2	ng/ul	313098	3	14.56	1003070	20.0
9H-Fluoren-9-one	16.96	2.2	ng/ul	145849	4	17.31	1315340	20.0
5H-Indeno[1,2-b]p...	17.71	2.6	ng/ul	171226	4	17.31	1315340	20.0
Phenanthrene, 2-m...	18.18	4.1	ng/ul	267388	4	17.31	1315340	20.0
n-Hexadecanoic acid	18.21	3.7	ng/ul	245777	4	17.31	1315340	20.0
Anthracene, 2-met...	18.23	5.4	ng/ul	357792	4	17.31	1315340	20.0
4H-Cyclopenta[def...	18.38	6.6	ng/ul	431594	4	17.31	1315340	20.0
Phenanthrene, 4-m...	18.41	2.7	ng/ul	178722	4	17.31	1315340	20.0
Naphthalene, 2-ph...	18.68	3.4	ng/ul	224224	4	17.31	1315340	20.0
9,10-Anthracenedione	18.72	4.5	ng/ul	299563	4	17.31	1315340	20.0
Phenanthrene, 2,5...	19.10	3.4	ng/ul	223075	4	17.31	1315340	20.0
Cyclopenta(def)ph...	19.24	3.9	ng/ul	256530	4	17.31	1315340	20.0
Pyrene, 1-methyl-	20.05	2.6	ng/ul	382595	5	21.56	2953260	20.0
11H-Benzo[b]fluorene	20.21	2.0	ng/ul	297673	5	21.56	2953260	20.0
Pyrene, 2-methyl-	20.37	2.4	ng/ul	347291	5	21.56	2953260	20.0
11H-Benzo[a]fluor...	20.96	2.5	ng/ul	375443	5	21.56	2953260	20.0
1,2-Benzenedicarb...	21.12	2.7	ng/ul	398549	5	21.56	2953260	20.0
(DEL) Alkane: Cyc...	21.22	5.5	ng/ul	804368	5	21.56	2953260	20.0
(DEL) Alkane: Str...	22.36	3.5	ng/ul	519663	5	21.56	2953260	20.0
(DEL) Alkane: Str...	23.81	6.1	ng/ul	429518	6	24.66	1404660	20.0
(DEL) Alkane: Str...	23.86	18.0	ng/ul	1263600	6	24.66	1404660	20.0
(DEL) Alkane: Str...	25.81	11.9	ng/ul	833778	6	24.66	1404660	20.0
(DEL) Alkane: Cyc...	25.92	7.6	ng/ul	534863	6	24.66	1404660	20.0