LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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	3.143	4	9	38	rVB	1491703	2448583	71.52%	4.281%
2	7.103	675	683	699	rBV	248801	462081	13.50%	0.808%
3	7.262	702	710	720	rBV	202407	345508	10.09%	0.604%
4	7.474	739	746	756	rBV	271424	463086	13.53%	0.810%
5	7.938	818	825	836	rBV	276685	463872	13.55%	0.811%
6	8.643	938	945	955	rBV	324525	565778	16.53%	0.989%
7	9.089	1011	1021	1031	rBV	244688	441346	12.89%	0.772%
8	9.812	1137	1144	1157	rBV	209224	385145	11.25%	0.673%
9	10.358	1229	1237	1250	rBV	350173	641620	18.74%	1.122%
10	10.735	1293	1301	1307	rBV	407083	726783	21.23%	1.271%
11	10.864	1315	1323	1336	rVV	192990	387568	11.32%	0.678%
12	12.391	1576	1583	1590	rBV	34943	58162	1.70%	0.102%
13	12.609	1614	1620	1629	rVB	33982	58750	1.72%	0.103%
14	13.890	1832	1838	1843	rVV2	38372	65374	1.91%	0.114%
15	13.972	1843	1852	1856	rVV	662355	995245	29.07%	1.740%
16	14.019	1856	1860	1865	rVB	191413	271850	7.94%	0.475%
17	14.260	1891	1901	1913	rBV	780952	1329211	38.82%	2.324%
18	14.565	1944	1953	1959	rBV2	677706	1099131	32.10%	1.922%
19	14.630	1959	1964	1971	rVB	114110	174240	5.09%	0.305%
20	14.765	1981	1987	1998	rBV	171705	323653	9.45%	0.566%
21	14.965	2016	2021	2028	rVV	106713	175828	5.14%	0.307%
22	15.558	2114	2122	2127	rVV	1059973	1602084	46.79%	2.801%
23	15.611	2127	2131	2136	rVV	139284	211460	6.18%	0.370%
24	15.676	2136	2142	2150	rVV	252085	412577	12.05%	0.721%
25	15.782	2156	2160	2166	rVV5	26607	62935	1.84%	0.110%
26	15.905	2177	2181	2191	rVB	65696	113069	3.30%	0.198%
27	16.052	2201	2206	2214	rVB	68220	148093	4.33%	0.259%
28	16.616	2299	2302	2307	rVV4	41217	76907	2.25%	0.134%
29	16.851	2333	2342	2345	rBV3	44717	95817	2.80%	0.168%
30	16.886	2345	2348	2352	rVV2	42313	60879	1.78%	0.106%
31	16.962	2356	2361	2369	rVB	115320	194138	5.67%	0.339%
32	17.045	2369	2375	2385	rBV5	53446	154284	4.51%	0.270%
33	17.127	2385	2389	2399	rVB	101308	169971	4.96%	0.297%
34	17.309	2410	2420	2423	rBV	880758	1315133	38.41%	2.299%

LSC Area Percent Report

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Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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	17.350	2423	2427	2432	rVV	1467222	2208107	64.49%	3.861%
36	17.409	2432	2437	2441	rVV	1081978	1709780	49.94%	2.989%
37	17.438	2441	2442	2448	rVB	286287	315500	9.22%	0.552%
38	17.709	2478	2488	2493	rBV2	145577	274547	8.02%	0.480%
39	17.832	2504	2509	2512	rVV2	36888	56594	1.65%	0.099%
40	17.891	2515	2519	2523	rVB2	39787	53682	1.57%	0.094%
41	18.185	2560	2569	2572	rBV	264792	436173	12.74%	0.763%
42	18.232	2572	2577	2586	rVB	366080	658004	19.22%	1.150%
43	18.314	2586	2591	2595	rVB	103546	157176	4.59%	0.275%
44	18.378	2595	2602	2606	rBV2	308393	582892	17.03%	1.019%
45	18.414	2606	2608	2614	rVB	171182	215883	6.31%	0.377%
46	18.684	2649	2654	2657	rBV	204492	302219	8.83%	0.528%
47	18.719	2657	2660	2665	rVB	220157	299571	8.75%	0.524%
48	18.931	2692	2696	2700	rVV2	81175	122323	3.57%	0.214%
49	18.978	2701	2704	2708	rVV	66526	98423	2.87%	0.172%
50	19.019	2708	2711	2715	rVB2	70964	89366	2.61%	0.156%
51	19.101	2717	2725	2729	rBV	177040	319980	9.35%	0.559%
52	19.166	2729	2736	2738	rVV4	91098	211785	6.19%	0.370%
53	19.195	2738	2741	2744	rVV	72601	96240	2.81%	0.168%
54	19.236	2744	2748	2757	rVB	175275	302848	8.85%	0.530%
55	19.360	2762	2769	2775	rVB	2072906	3092140	90.31%	5.406%
56	19.424	2776	2780	2783	rBV	45282	60478	1.77%	0.106%
57	19.460	2783	2786	2791	rVB2	65902	91136	2.66%	0.159%
58	19.507	2791	2794	2798	rBV2	47320	60052	1.75%	0.105%
59	19.554	2798	2802	2806	rBV2	77059	131565	3.84%	0.230%
60	19.606	2807	2811	2813	rVB	52450	62351	1.82%	0.109%
61	19.695	2820	2826	2828	rBV3	1731598	2540818	74.21%	4.442%
62	19.724	2828	2831	2838	rVV	1889878	2693057	78.66%	4.709%
63	19.794	2838	2843	2849	rVB2	139043	216638	6.33%	0.379%
64	19.900	2856	2861	2867	rBV	149576	234294	6.84%	0.410%
65	19.959	2867	2871	2877	rVB2	86562	136697	3.99%	0.239%
66	20.041	2879	2885	2892	rBV2	189958	529389	15.46%	0.926%
67	20.182	2904	2909	2910	rVV2	128322	186995	5.46%	0.327%
68	20.212	2911	2914	2919	rVB	292966	399186	11.66%	0.698%
69	20.317	2927	2932	2935	rBV2	128466	178052	5.20%	0.311%
70	20.370	2935	2941	2946	rVV3	271024	469382	13.71%	0.821%
71	20.411	2946	2948	2951	rVB2	55117	60942	1.78%	0.107%

LSC Area Percent Report

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Data File : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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	20.458	2952	2956	2961	rBV2	83735	128543	3.75%	0.225%
73	20.511	2961	2965	2969	rBV	153168	196561	5.74%	0.344%
74	20.558	2969	2973	2977	rVB2	142950	201757	5.89%	0.353%
75	20.670	2989	2992	2996	rVB5	58833	83392	2.44%	0.146%
76	20.770	3005	3009	3011	rBV3	53295	75189	2.20%	0.131%
77	20.805	3011	3015	3018	rVB4	53352	84007	2.45%	0.147%
78	20.964	3038	3042	3049	rVB	285206	448068	13.09%	0.783%
79	21.146	3066	3073	3077	rBV2	184662	448483	13.10%	0.784%
80	21.187	3077	3080	3083	rVV	213675	321806	9.40%	0.563%
81	21.222	3083	3086	3094	rVV4	497297	1021033	29.82%	1.785%
82	21.293	3094	3098	3107	rVB	281311	486243	14.20%	0.850%
83	21.545	3134	3141	3147	rBV3	1362226	3423730	100.00%	5.986%
84	21.604	3147	3151	3163	rVB	995857	1703636	49.76%	2.979%
85	21.757	3172	3177	3182	rBV2	128101	274501	8.02%	0.480%
86	21.951	3205	3210	3216	rBV2	135916	274270	8.01%	0.480%
87	22.268	3258	3264	3270	rVB	186099	357170	10.43%	0.624%
88	22.350	3272	3278	3279	rBV2	135355	257062	7.51%	0.449%
89	22.532	3305	3309	3313	rBV2	74777	123941	3.62%	0.217%
90	23.361	3446	3450	3460	rVB2	202960	392404	11.46%	0.686%
91	23.690	3497	3506	3513	rBV	658160	2246809	65.62%	3.928%
92	23.807	3521	3526	3530	rBV	247189	428575	12.52%	0.749%
93	23.860	3530	3535	3542	rVB3	273927	533573	15.58%	0.933%
94	24.377	3617	3623	3629	rBV	333897	815896	23.83%	1.427%
95	24.454	3630	3636	3642	rVV	689590	1844396	53.87%	3.225%
96	24.524	3643	3648	3658	rVB	576741	1359562	39.71%	2.377%
97	24.671	3663	3673	3679	rBV2	552410	1589992	46.44%	2.780%
98	25.811	3859	3867	3876	rVB3	243199	694175	20.28%	1.214%
99	25.923	3881	3886	3895	rVB5	86789	230292	6.73%	0.403%
100	28.185	4261	4271	4289	rVB4	210942	994717	29.05%	1.739%

Sum of corrected areas: 57194209

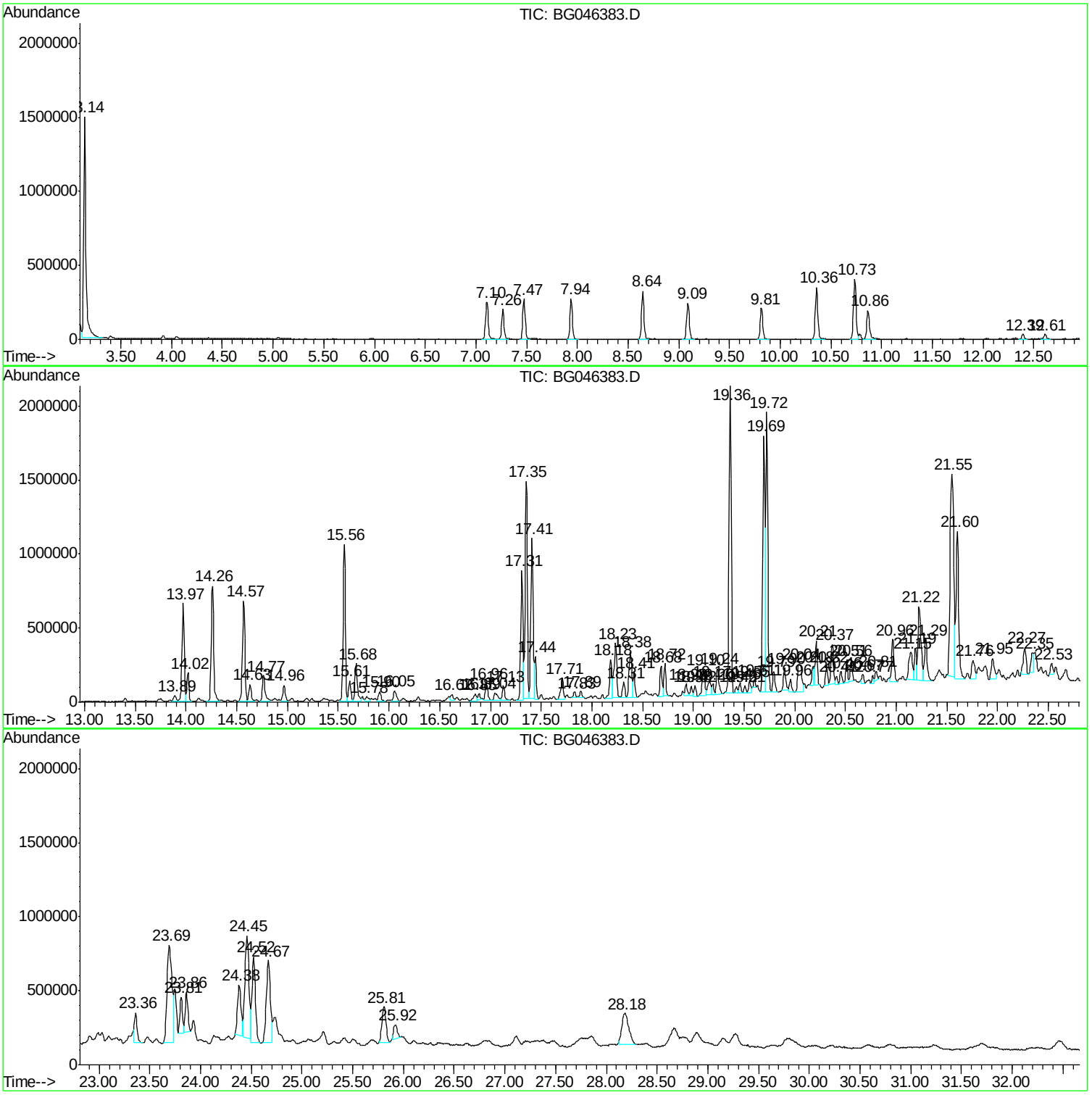
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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 : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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

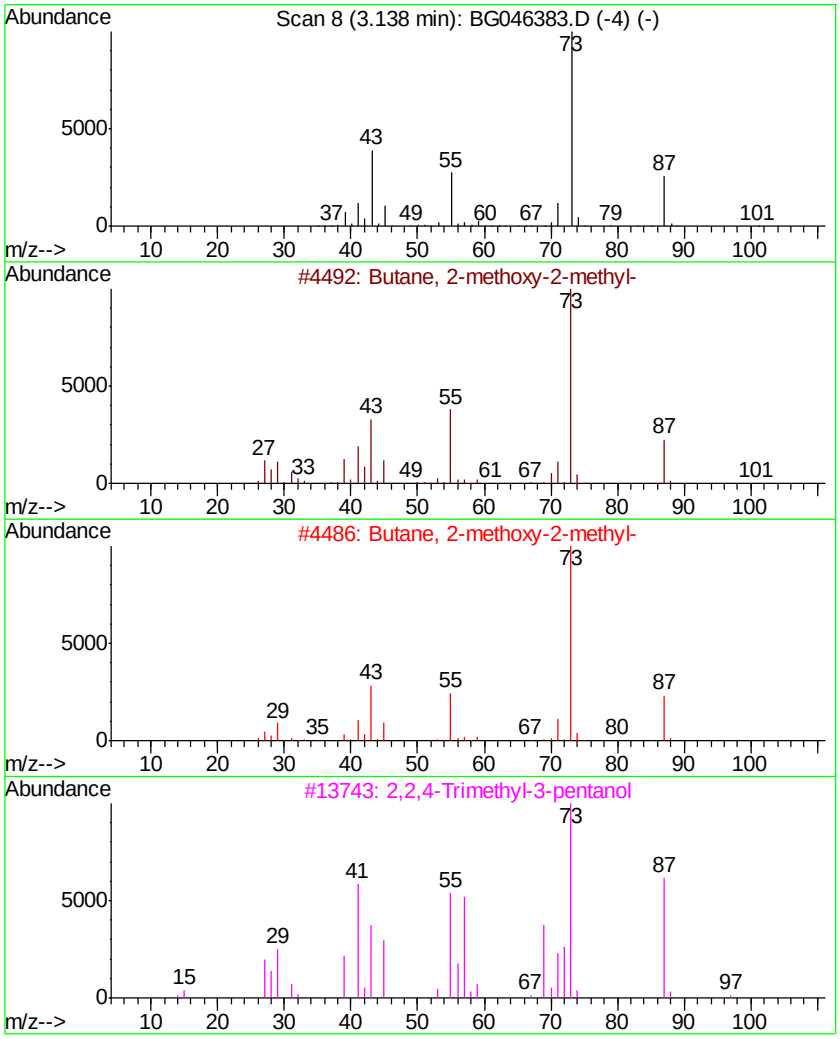
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

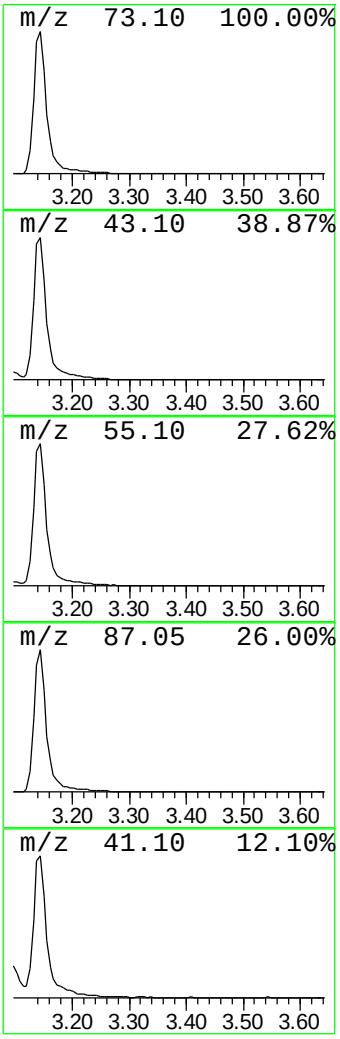
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	105.57 ng/ul	2448580	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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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

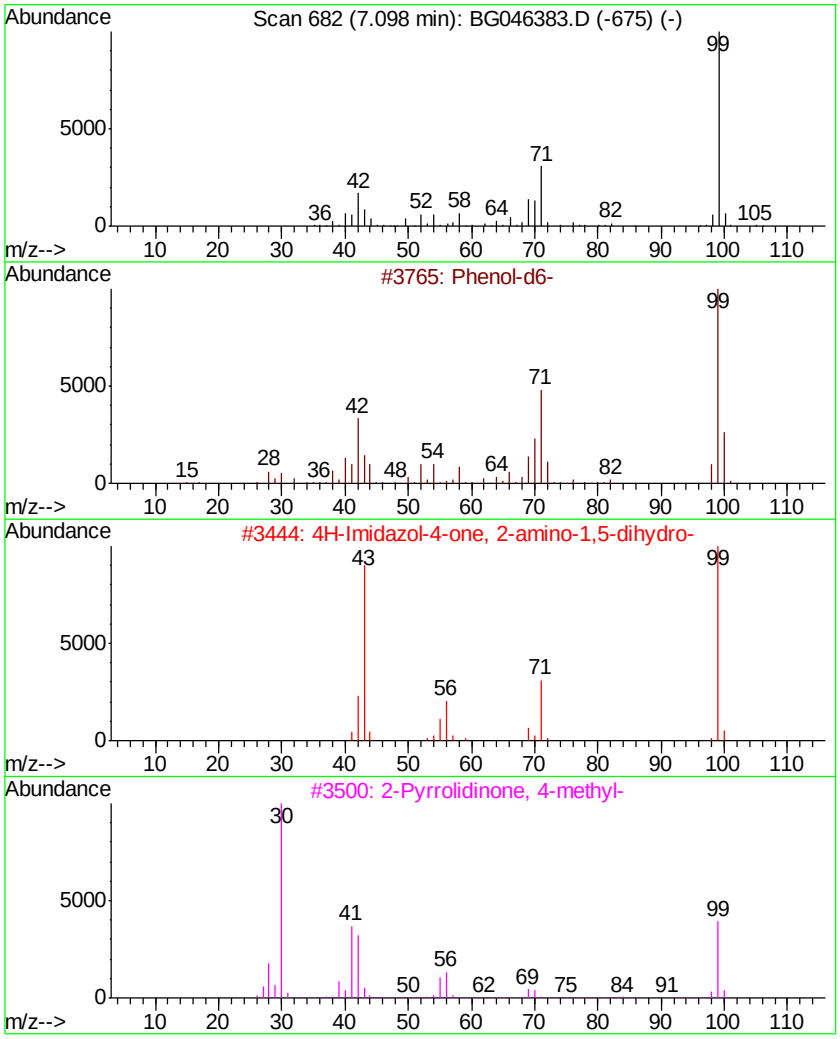
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

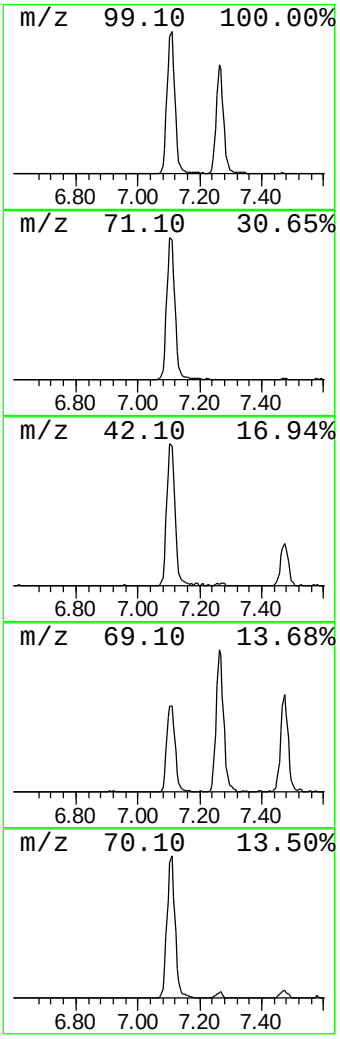
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	19.92 ng/ul	462081	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol-d6-	100	C6D6O	013127-88-3	64
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
3	2-Pyrrolidinone, 4-methyl-	99	C5H9NO	1000197-00-3	50
4	2-Thioxo-dihydropyrimidine-4,6-d...	359	C17H21N5O2S	1000304-28-6	50
5	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	45





Library Search Compound Report

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ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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

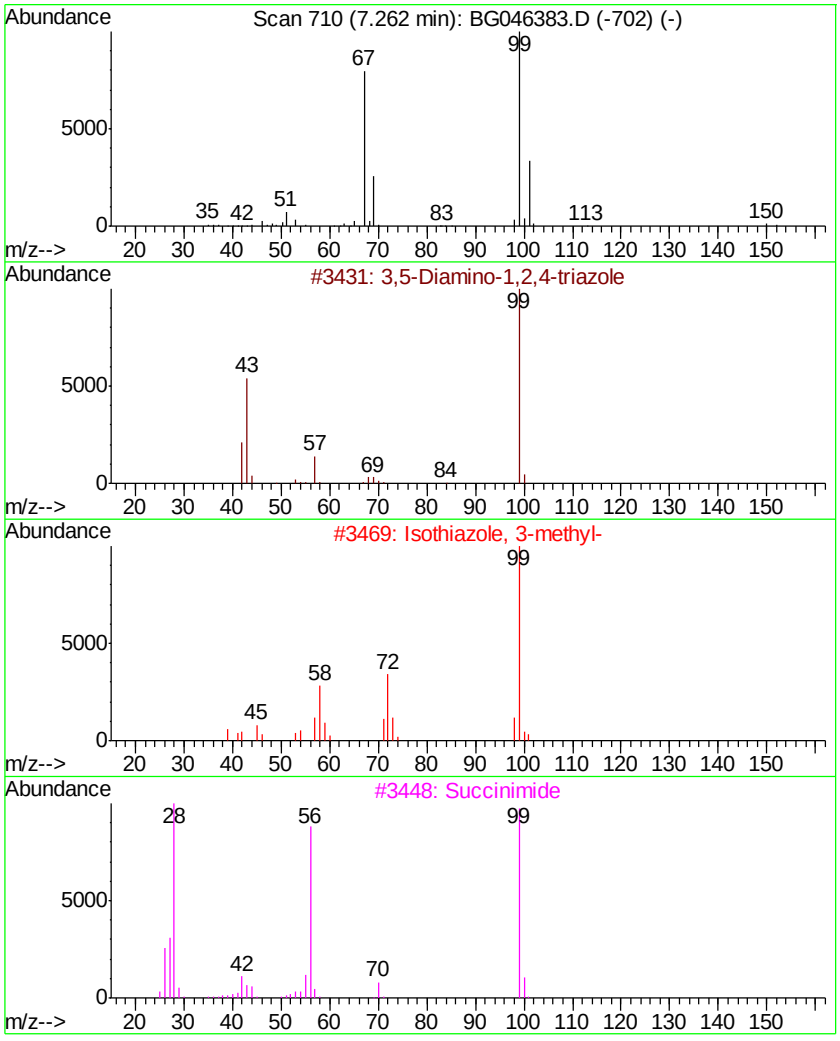
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

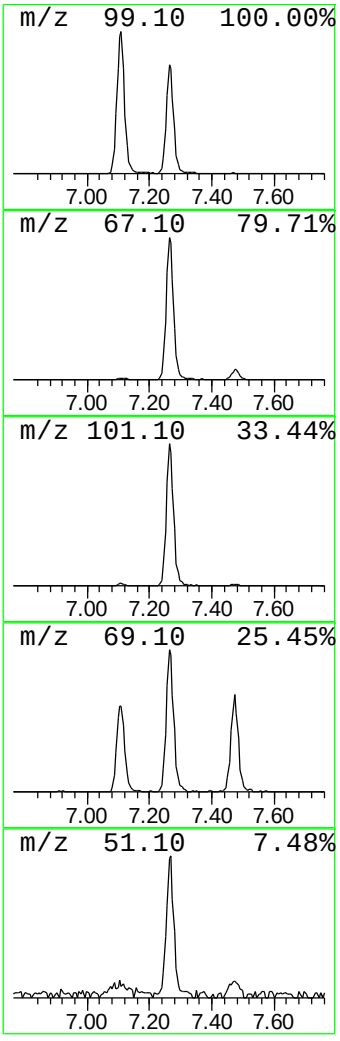
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	14.90 ng/ul	345508	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	Succinimide	99	C4H5NO2	000123-56-8	5
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	5
5	Succinimide	99	C4H5NO2	000123-56-8	5





Library Search Compound Report

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Data File : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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

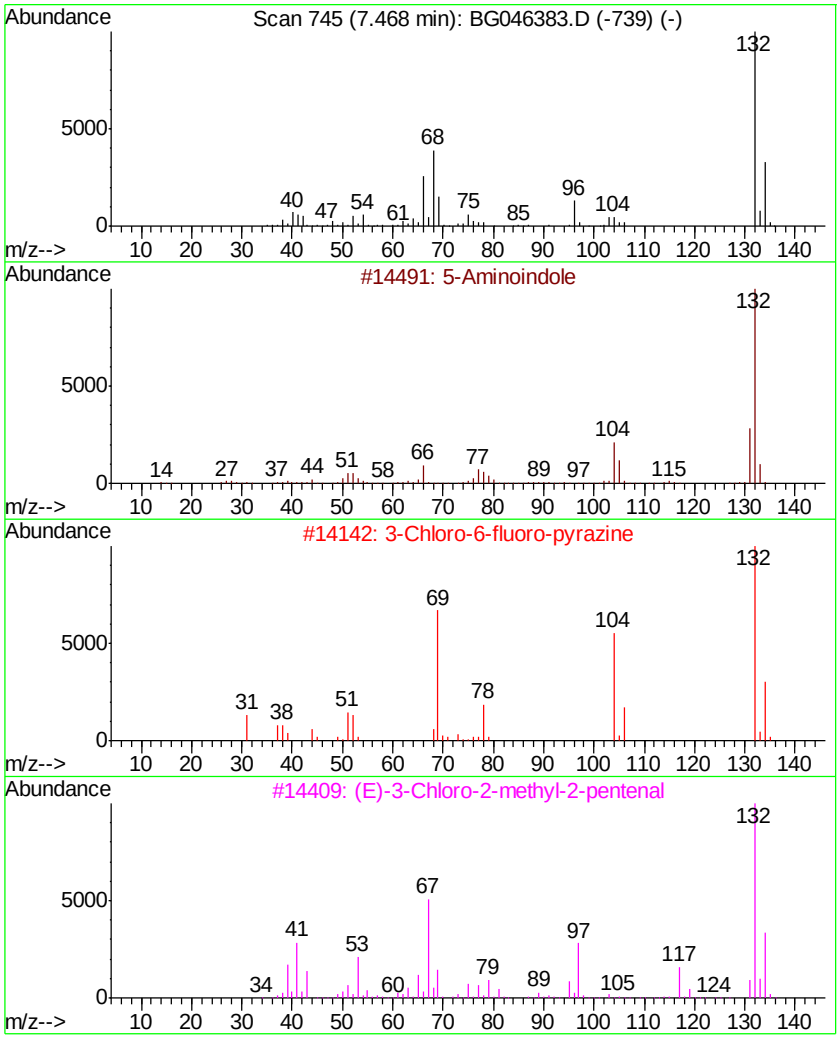
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

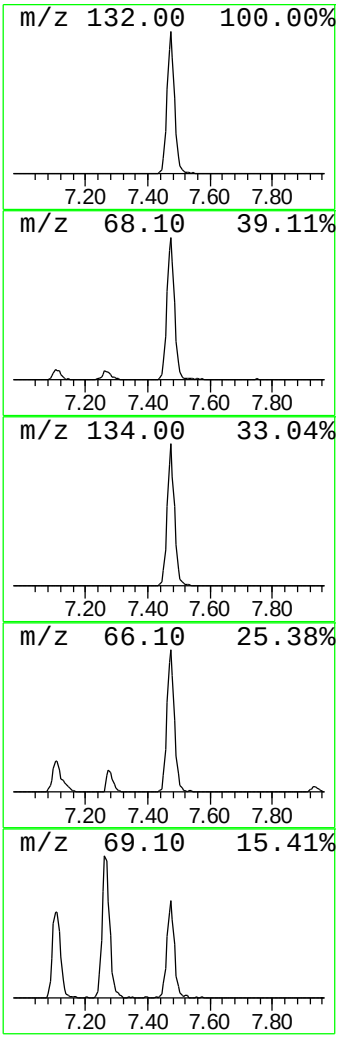
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	19.97 ng/ul	463086	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Data File : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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

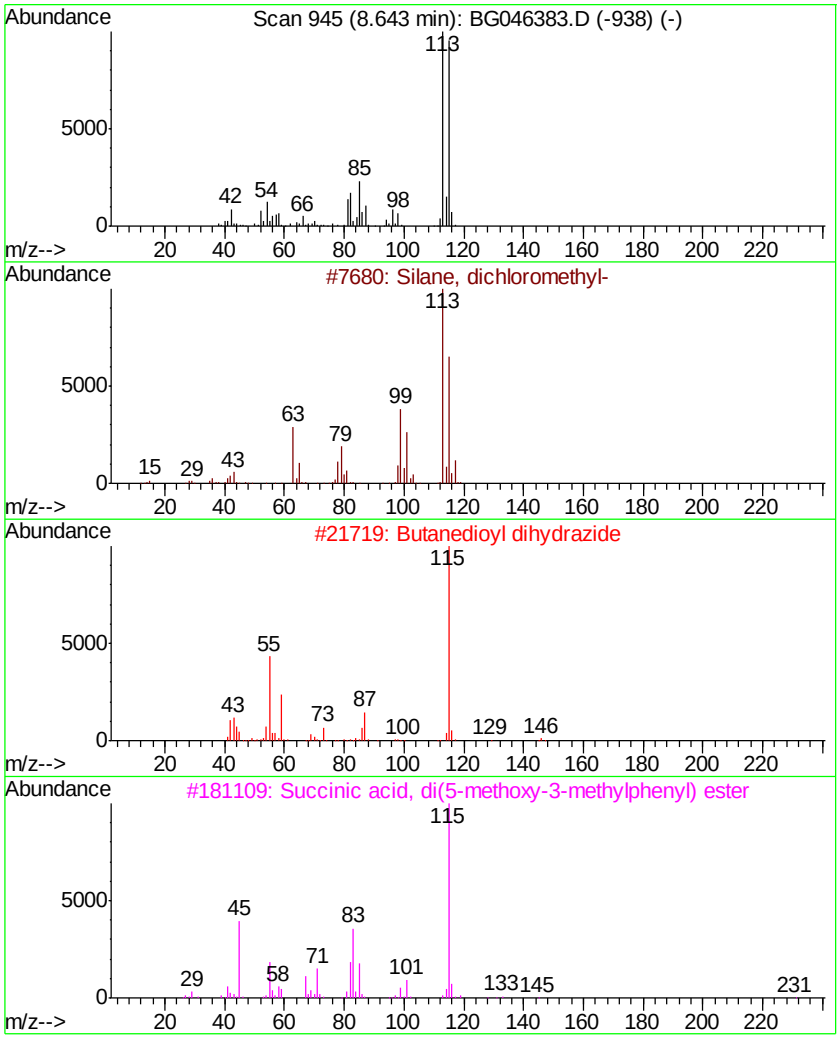
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

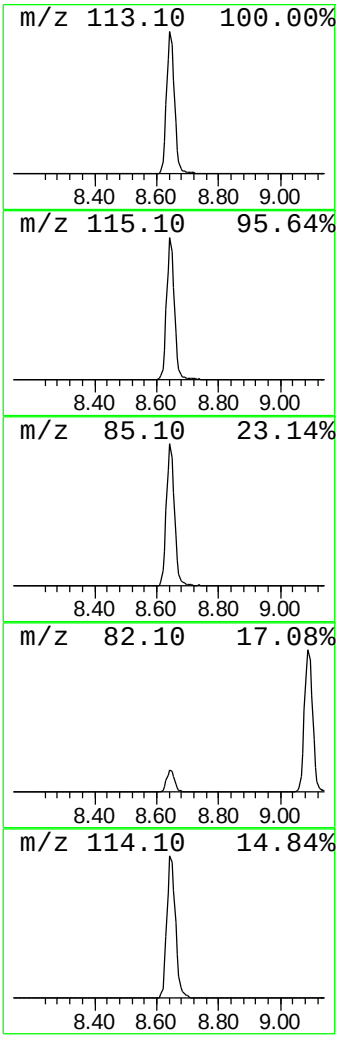
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	24.39 ng/ul	565778	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	35
3	Succinic acid, di(5-methoxy-3-me...	346	C18H34O6	1000330-26-5	32
4	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
5	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	27





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Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
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Instrument : BNA_G
ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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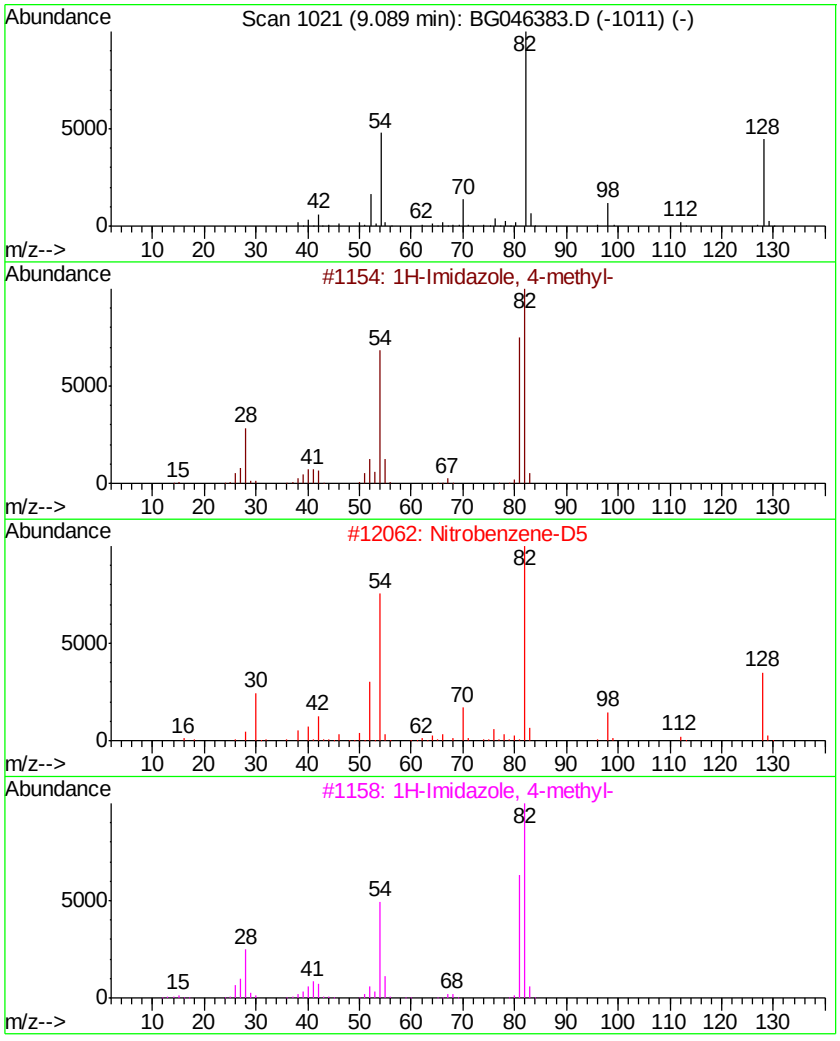
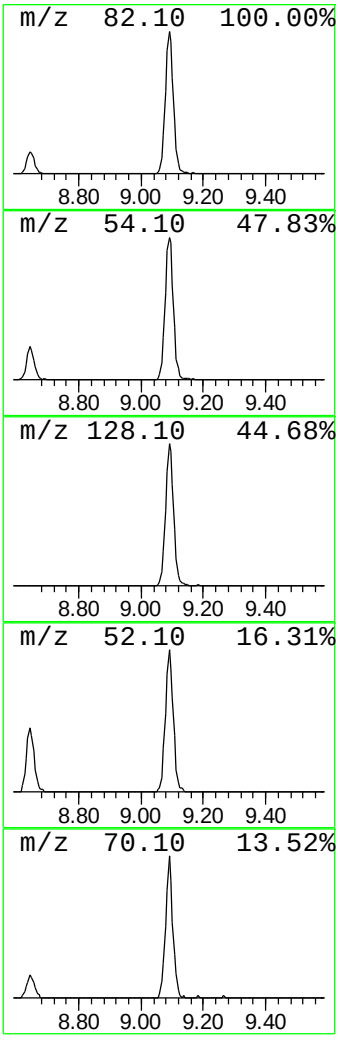
Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	19.03 ng/ul	441346	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
2	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
3	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	32





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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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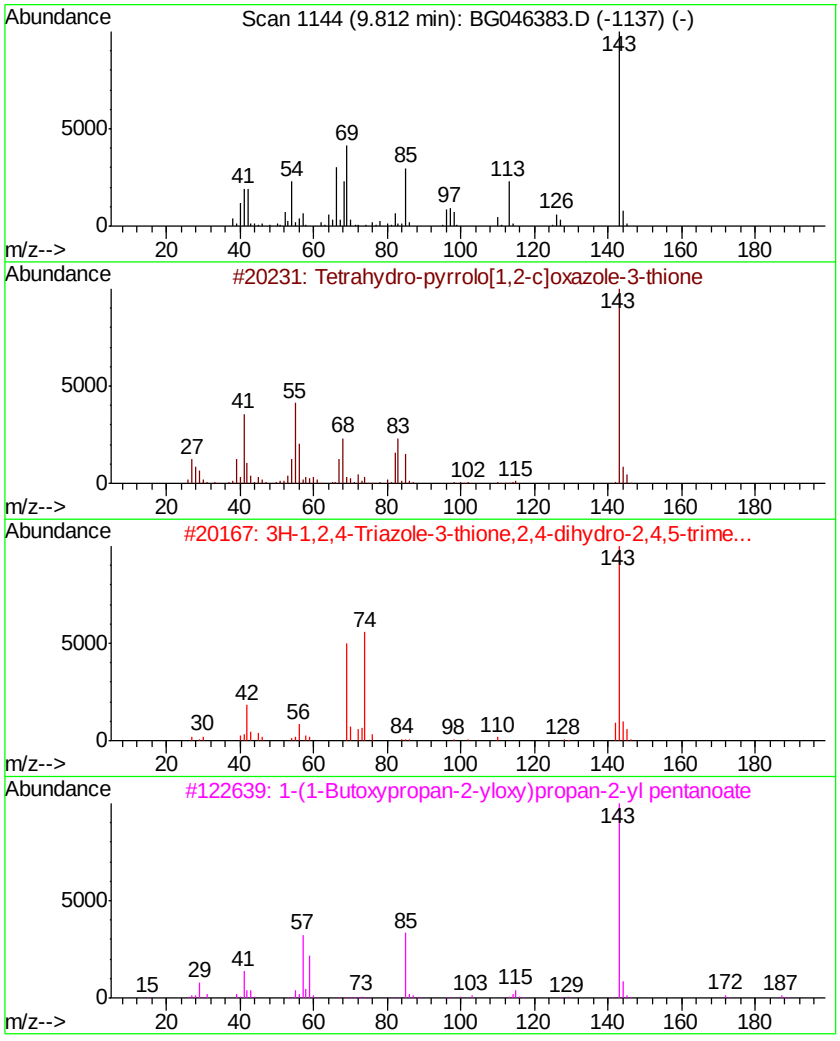
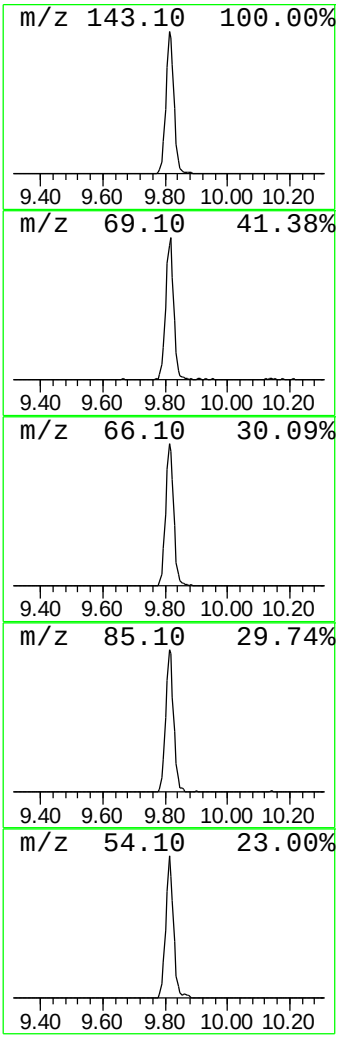
Peak Number 7 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	10.60 ng/ul	385145	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
2	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	14
3	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	12
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12
5	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10





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ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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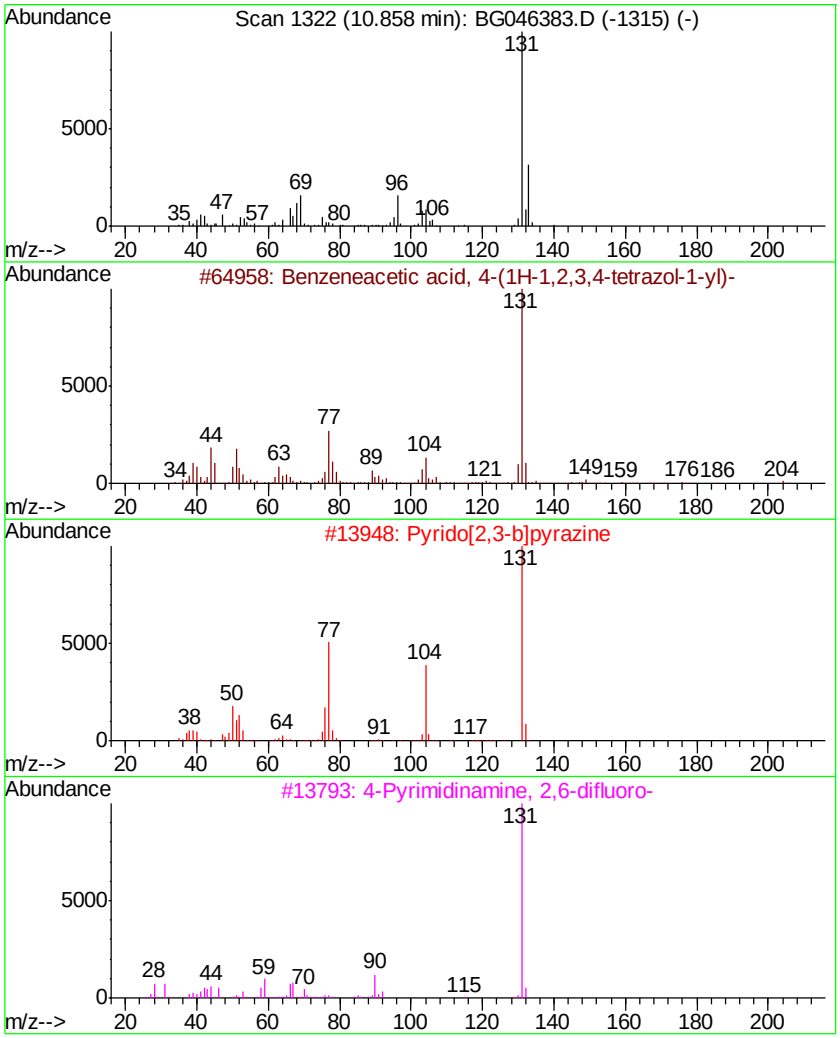
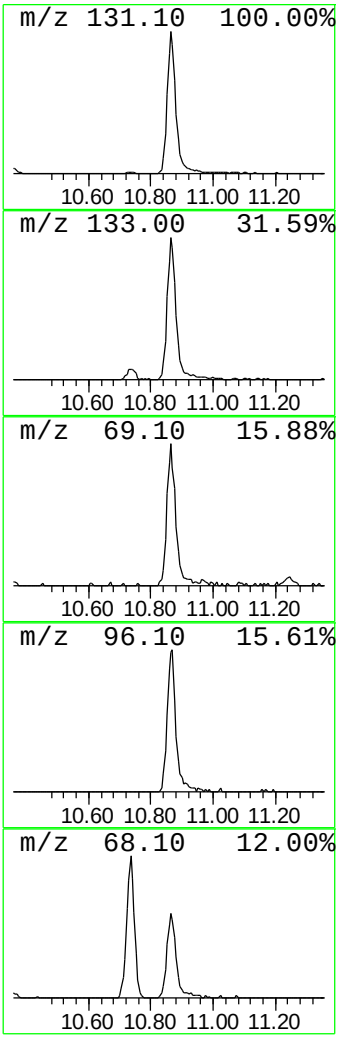
Peak Number 8 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	10.67 ng/ul	387568	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
2	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9
3	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
4	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	9
5	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	9





Library Search Compound Report

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ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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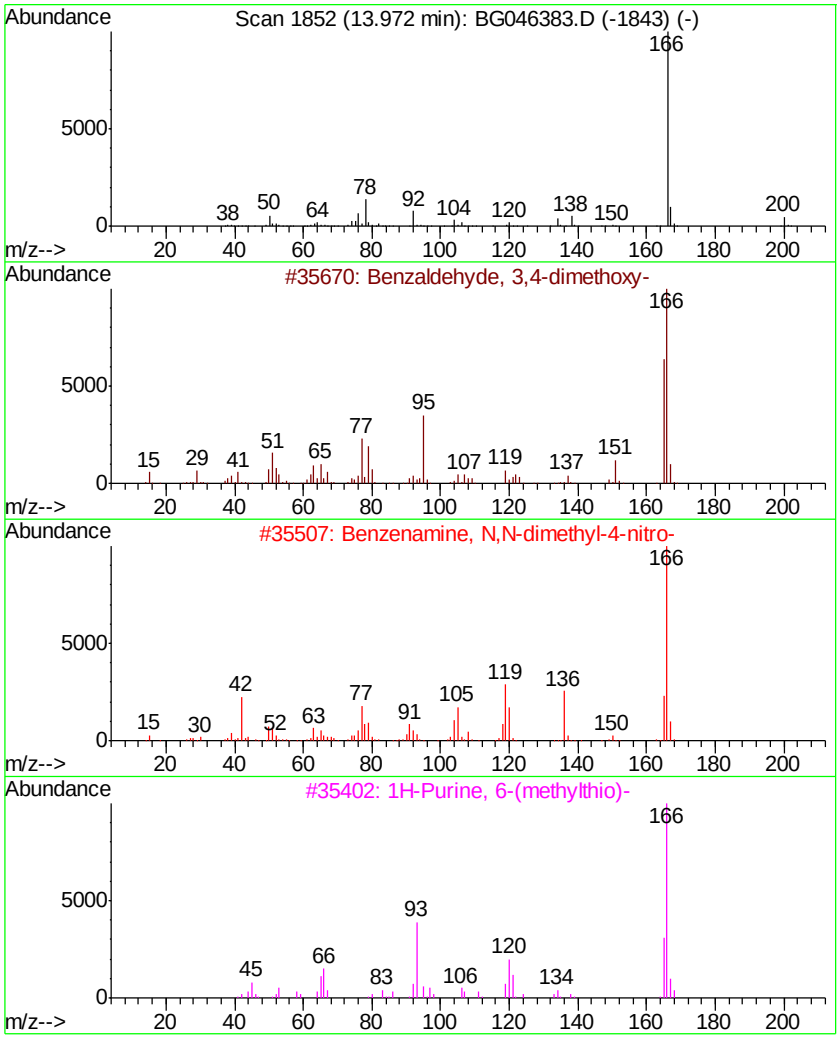
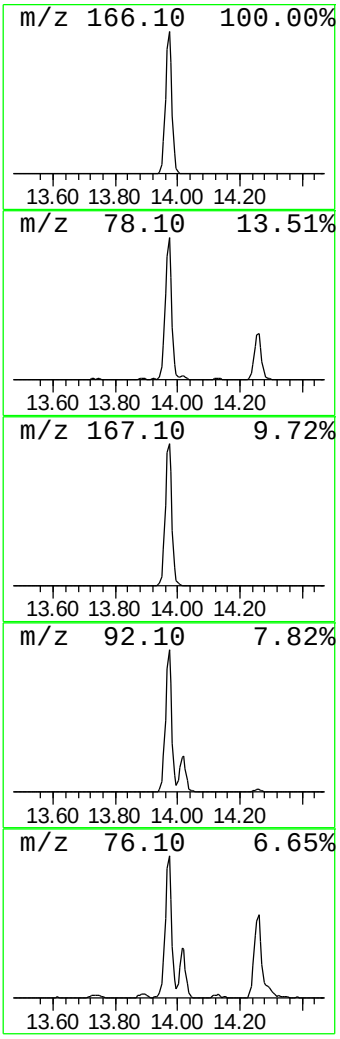
Peak Number 9 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	18.11 ng/ul	995245	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	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
3	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
4	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	38
5	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36





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Instrument : BNA_G
ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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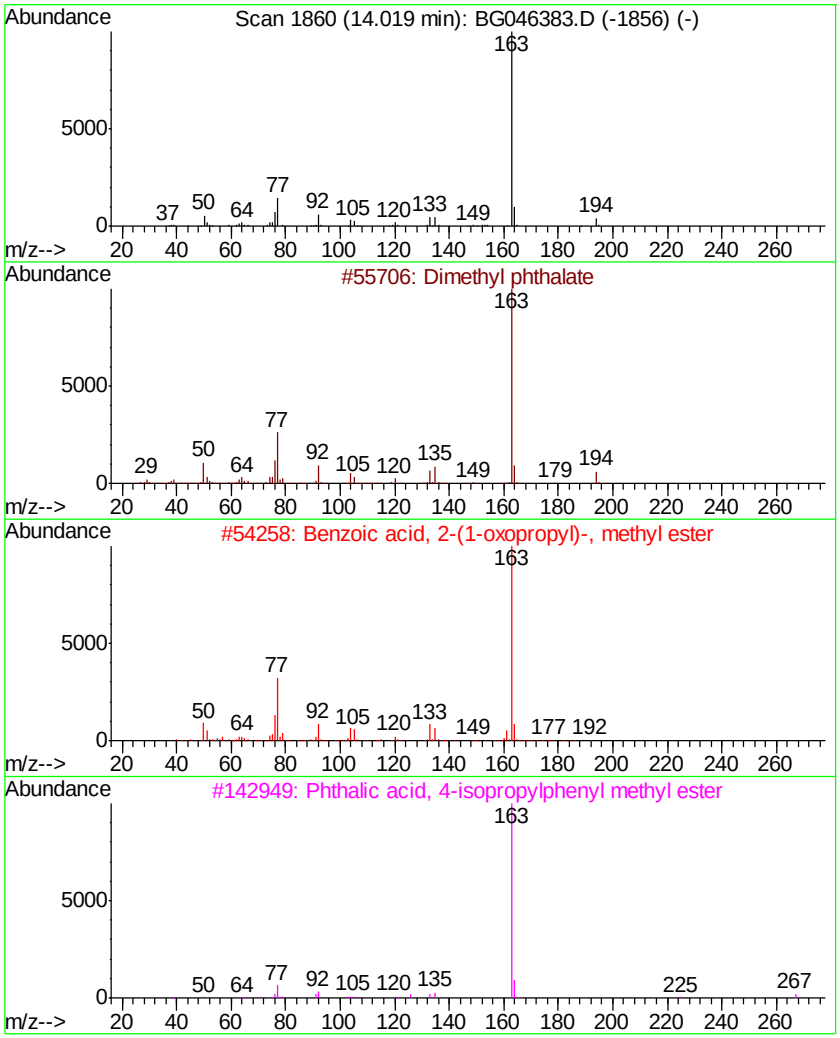
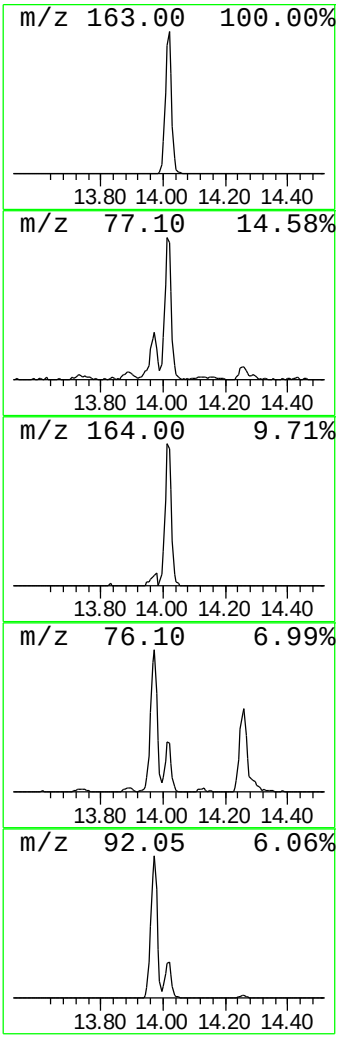
Peak Number 10 Dimethyl phthalate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	4.95 ng/ul	271850	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	93
2	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	83
3	Phthalic acid, 4-isopropylphenyl...	298	C18H18O4	1000315-65-7	83
4	Hexyl methyl phthalate	264	C15H20O4	1000373-89-7	83
5	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	83





Library Search Compound Report

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ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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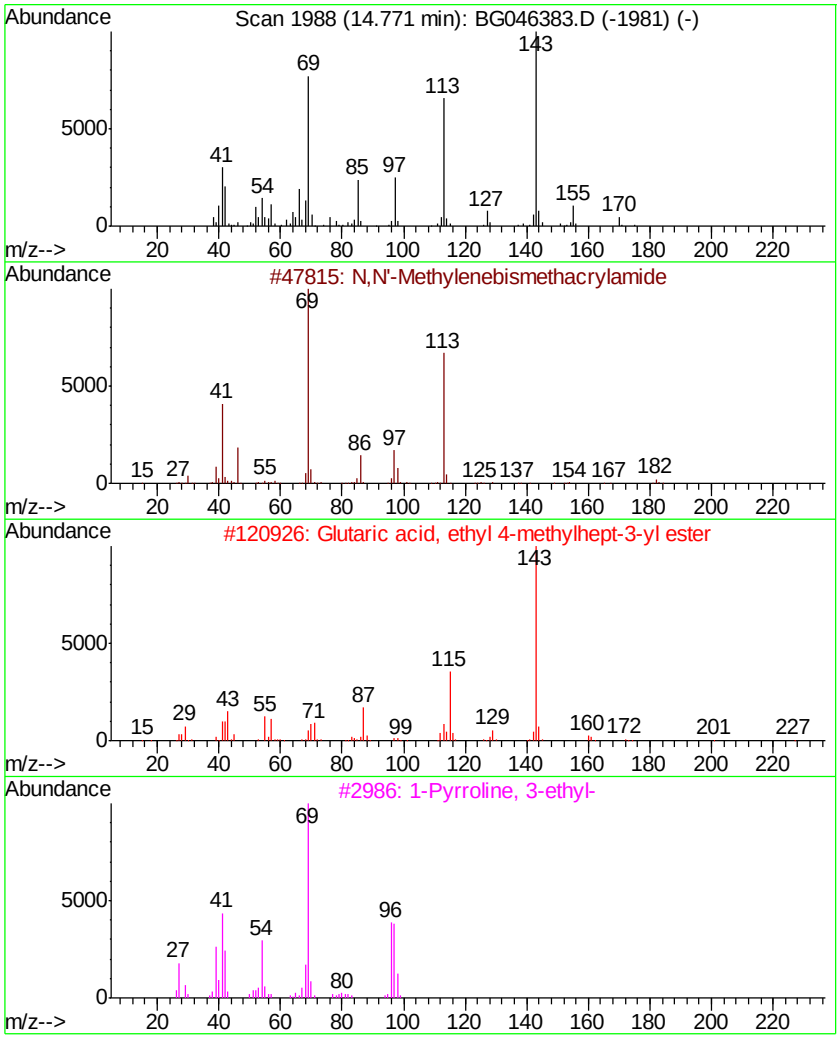
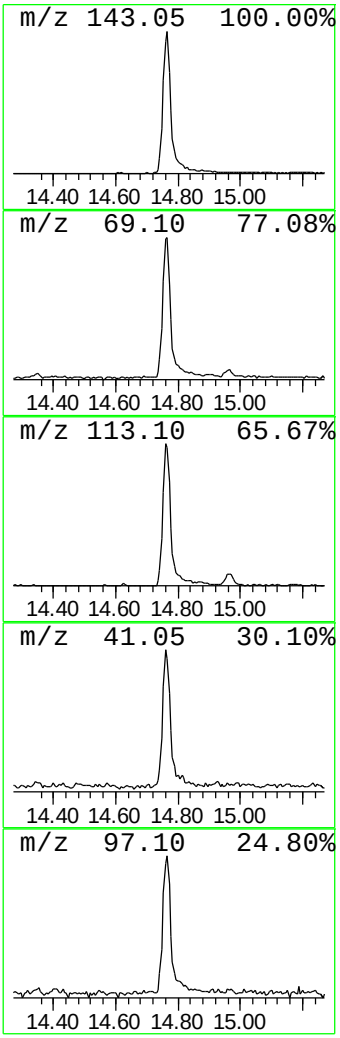
Peak Number 11 unknown-07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.89 ng/ul	323653	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	32
2	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22
3	1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	16
4	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	16
5	2,3-Dimethyl-5-methylamino-1,3,4...	143	C5H9N3S	1000288-97-2	14





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Misc :
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Instrument : BNA_G
ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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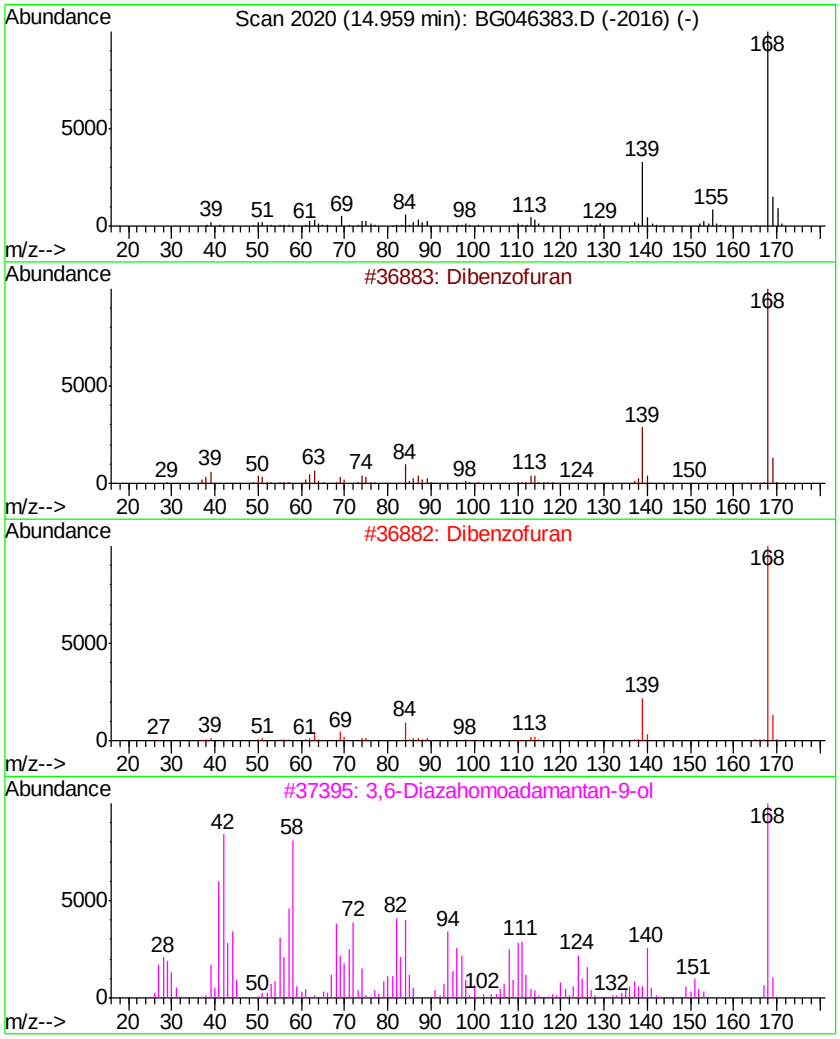
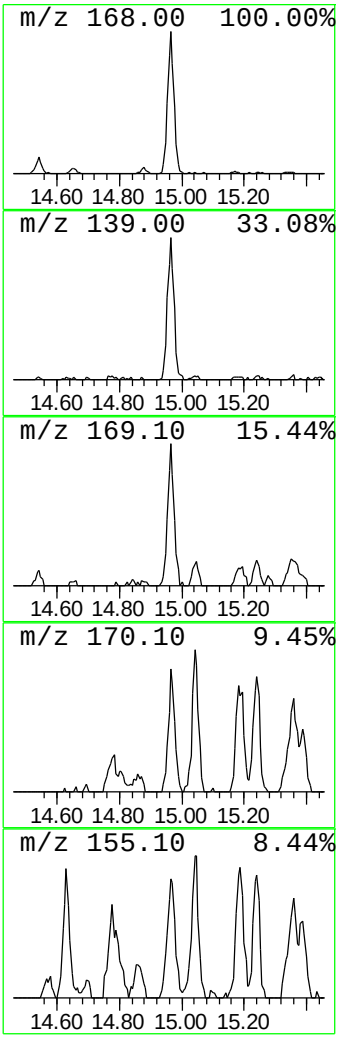
Peak Number 12 Dibenzofuran Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	3.20 ng/ul	175828	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	87
2	Dibenzofuran	168	C12H8O	000132-64-9	80
3	3,6-Diazahomoadamantan-9-ol	168	C9H16N2O	138023-21-9	52
4	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	47
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	47





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Misc :
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Instrument : BNA_G
ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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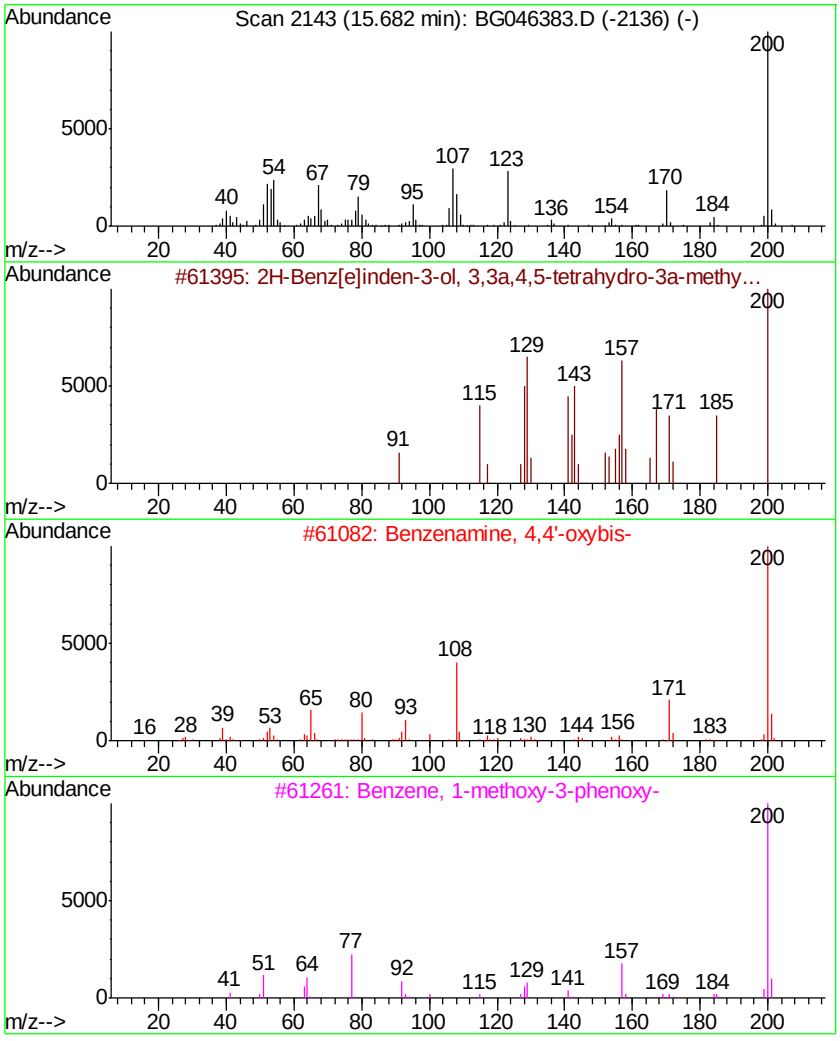
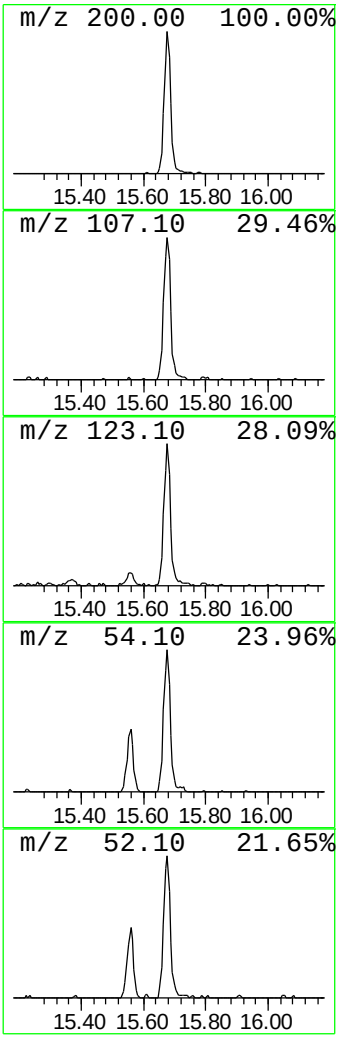
Peak Number 13 unknown-08 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	7.51 ng/ul	412577	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	38
2	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	14
3	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
4	4,6(1H,5H)-Pyrimidinedione, 1,3-...	200	C8H12N2O2S	005217-47-0	14
5	2-Aminocaprylic acid, N-propoxyc...	329	C18H35NO4	1000325-42-2	10





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Quant Title : SVOA CALIBRATION

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

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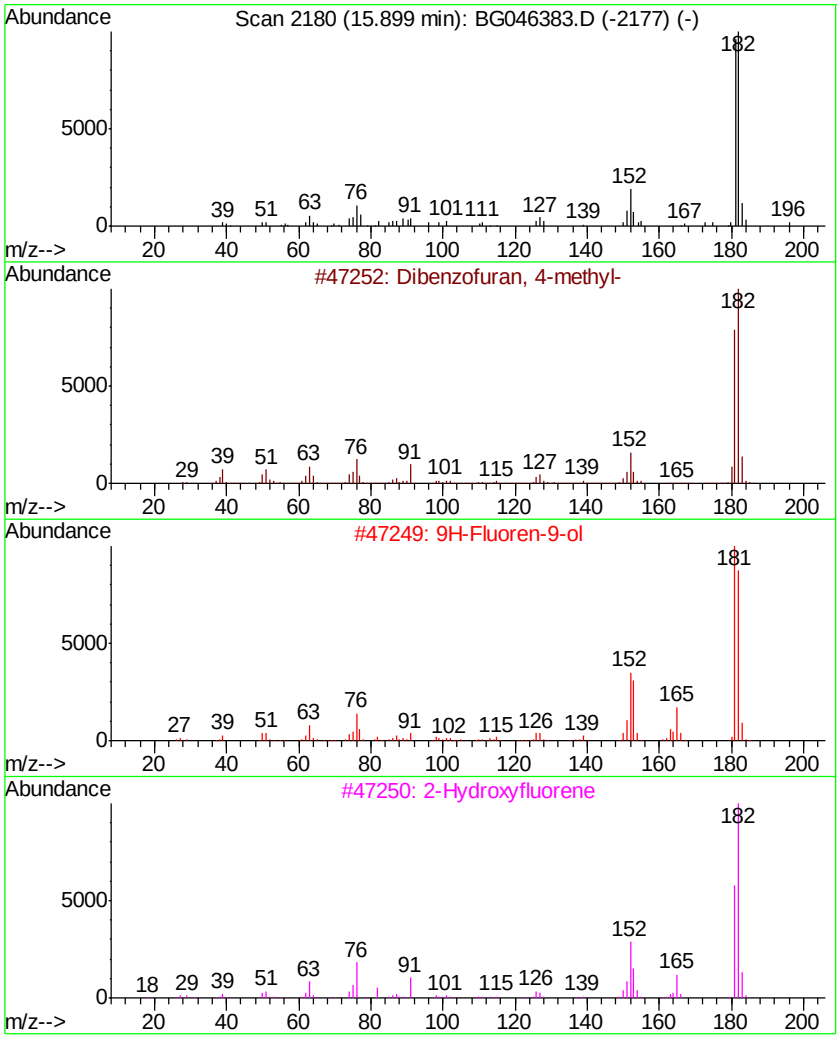
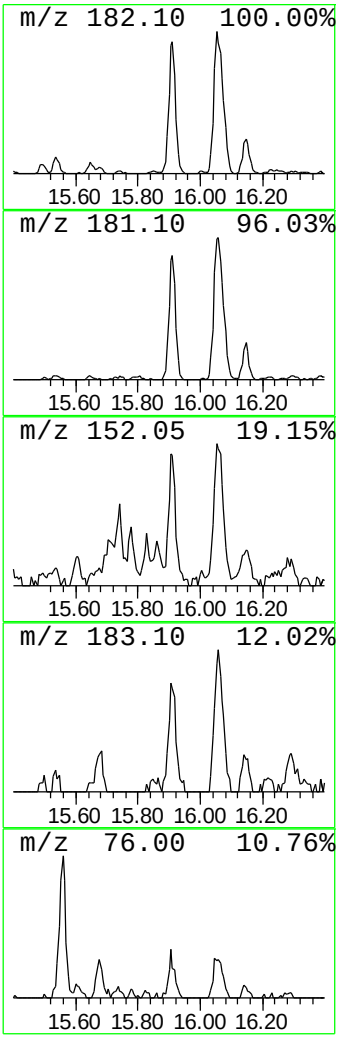
Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.06 ng/ul	113069	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	72
4	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	64
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	64





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Quant Title : SVOA CALIBRATION

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

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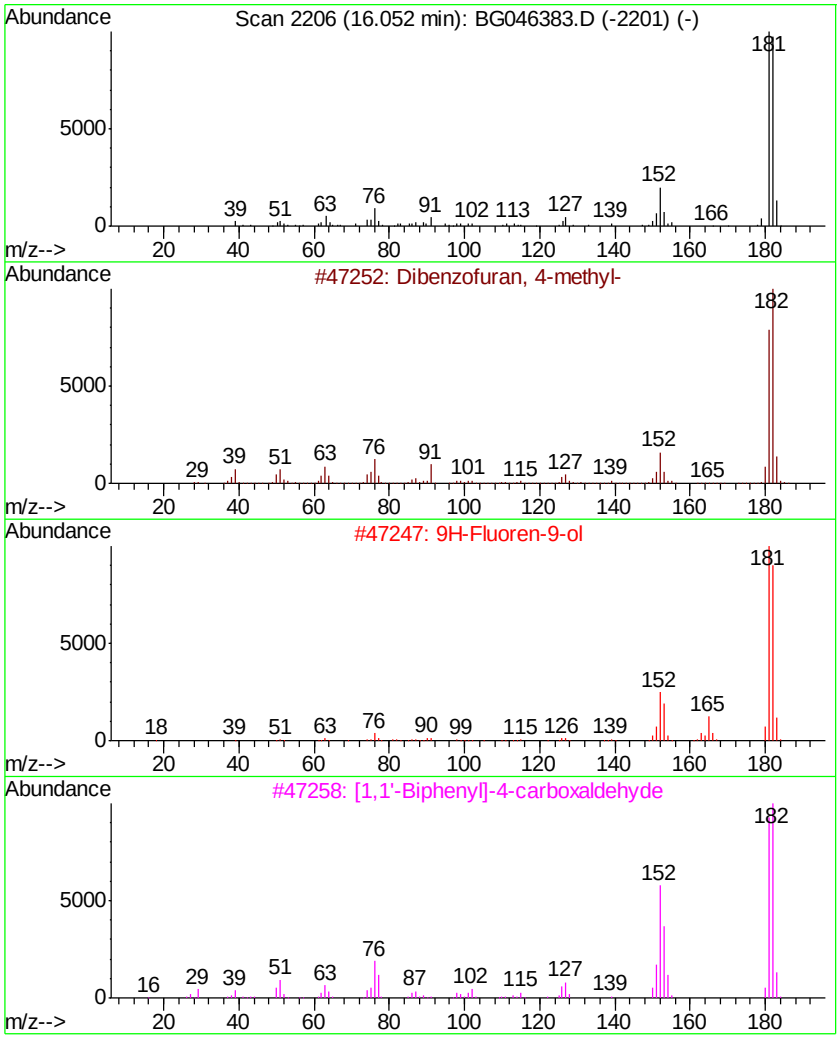
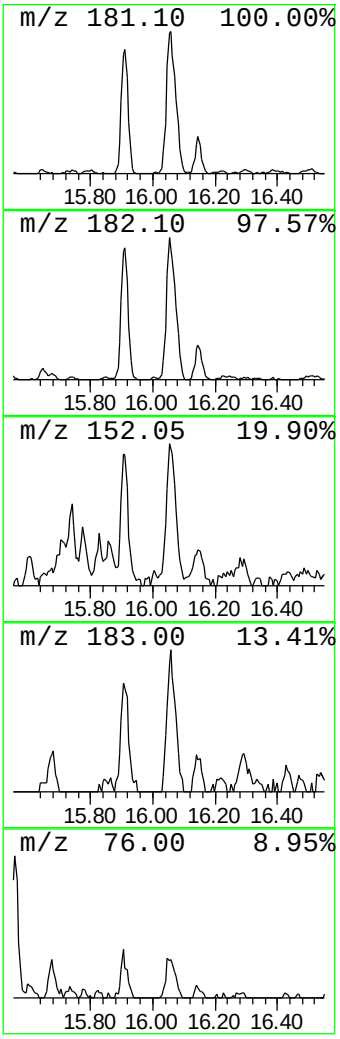
Peak Number 15 9H-Fluoren-9-ol Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	2.25 ng/ul	148093	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Quant Title : SVOA CALIBRATION

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

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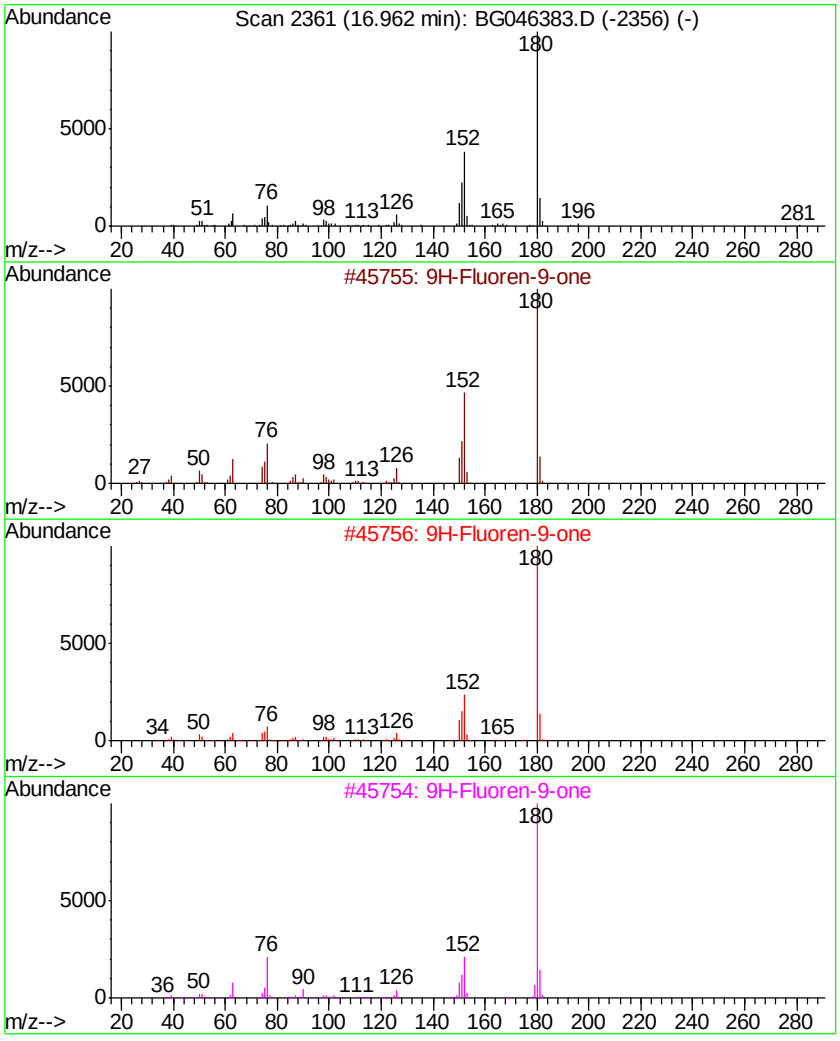
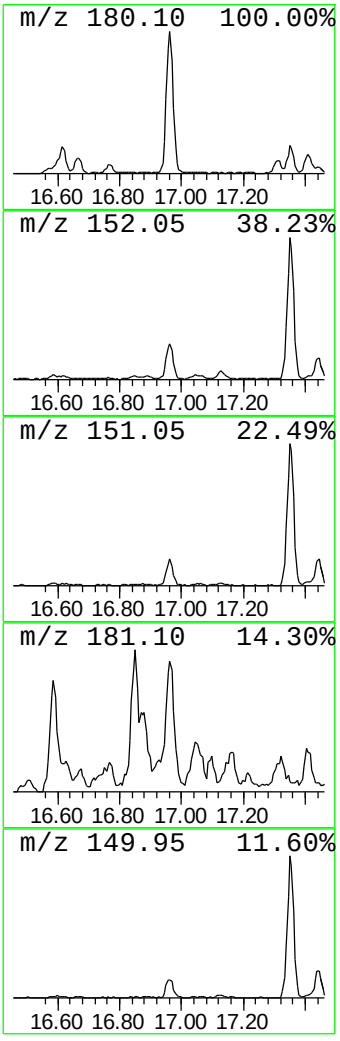
Peak Number 16 9H-Fluoren-9-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	2.95 ng/ul	194138	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





Library Search Compound Report

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Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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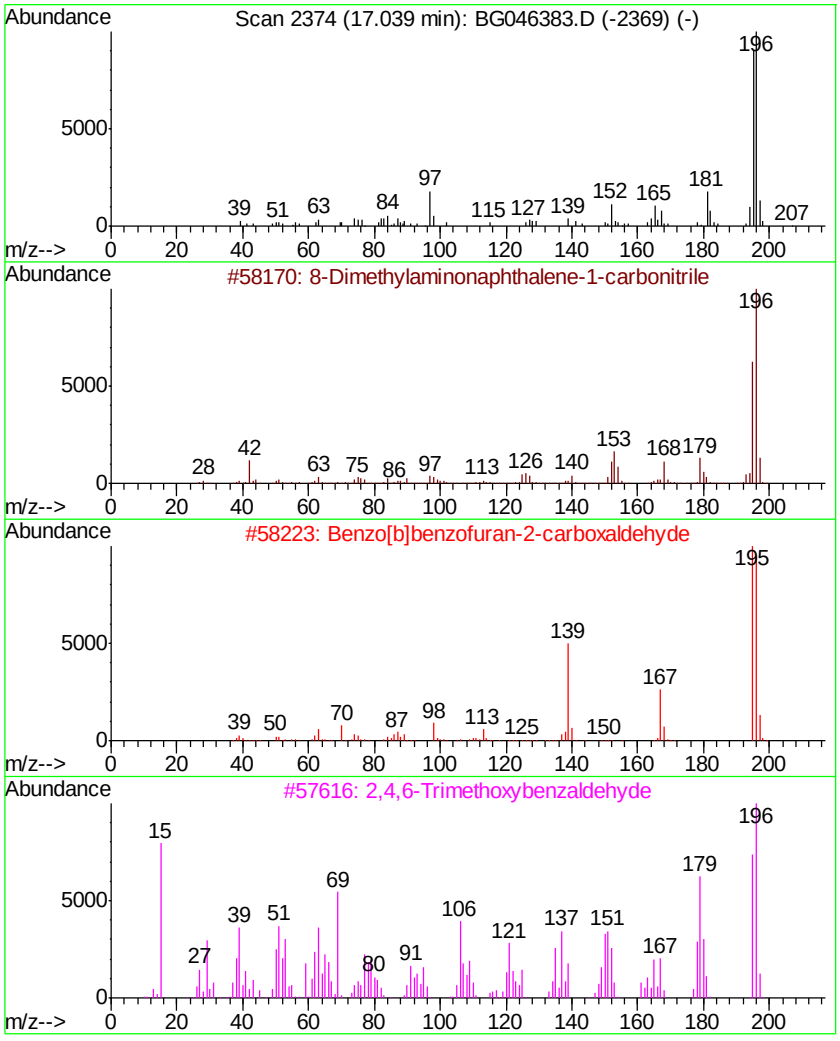
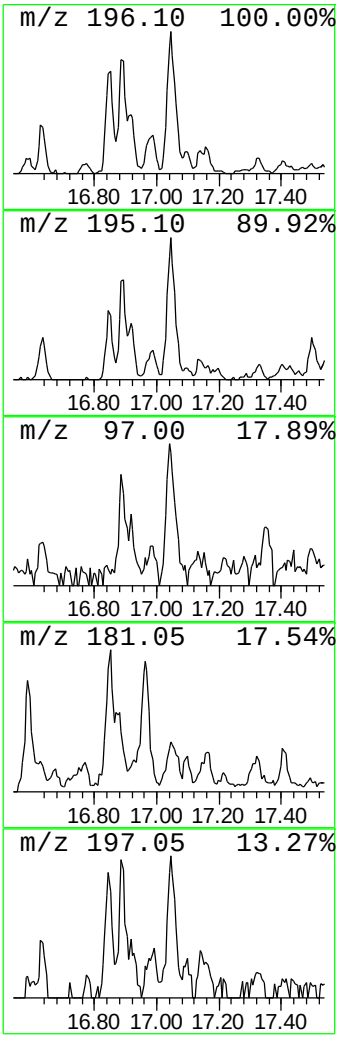
Peak Number 17 8-Dimethylaminonaphthalene-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	2.35 ng/ul	154284	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	59
3	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	58
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	50
5	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	49





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Quant Title : SVOA CALIBRATION

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

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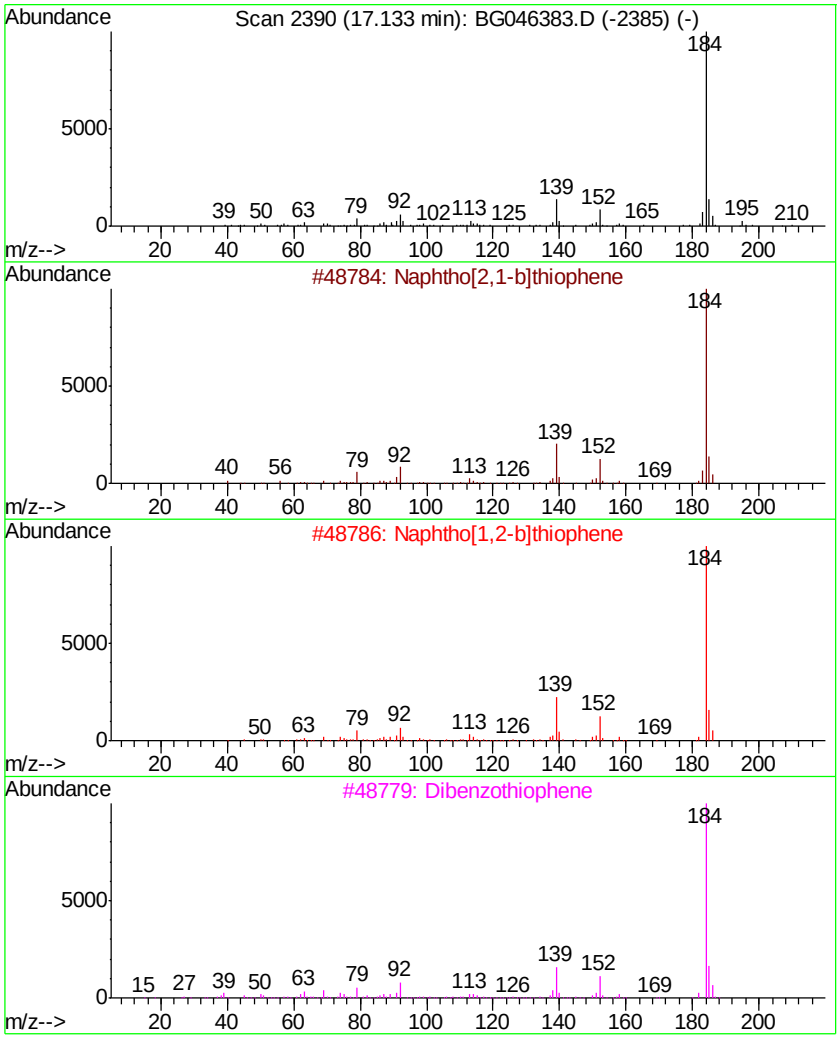
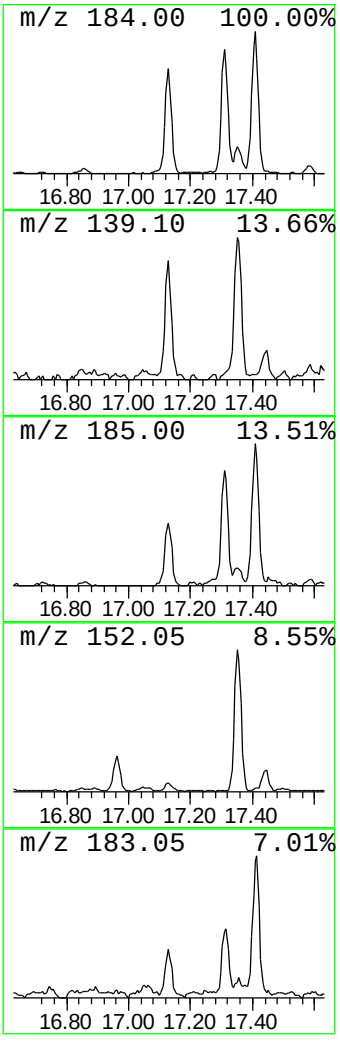
Peak Number 18 Naphtho[2,1-b]thiophene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	2.58 ng/ul	169971	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Instrument : BNA_G
ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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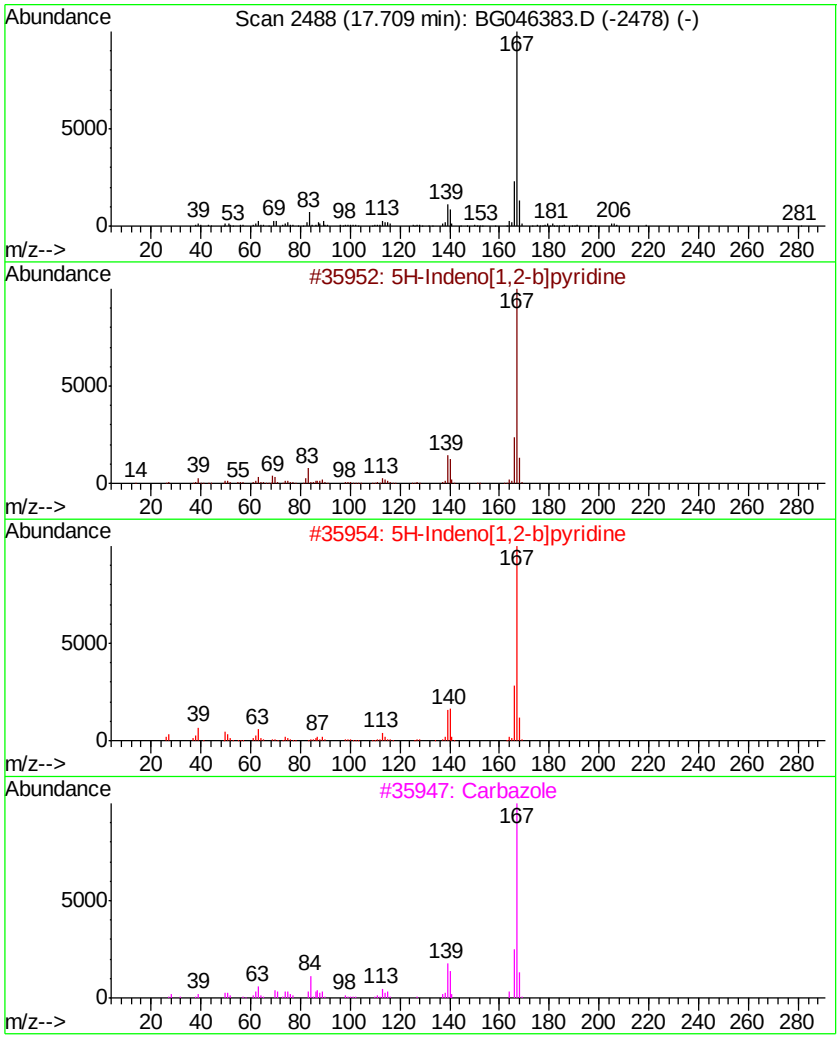
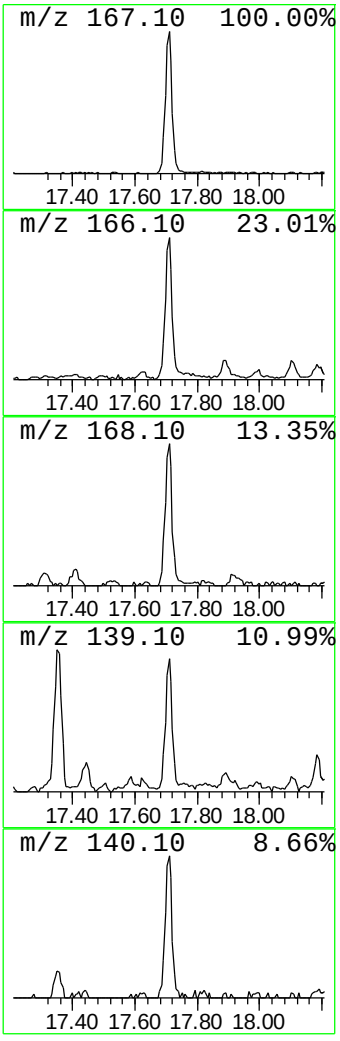
Peak Number 19 5H-Indeno[1,2-b]pyridine Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	4.18 ng/ul	274547	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	94
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
3	Carbazole	167	C12H9N	000086-74-8	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	Carbazole	167	C12H9N	000086-74-8	86





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Quant Title : SVOA CALIBRATION

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

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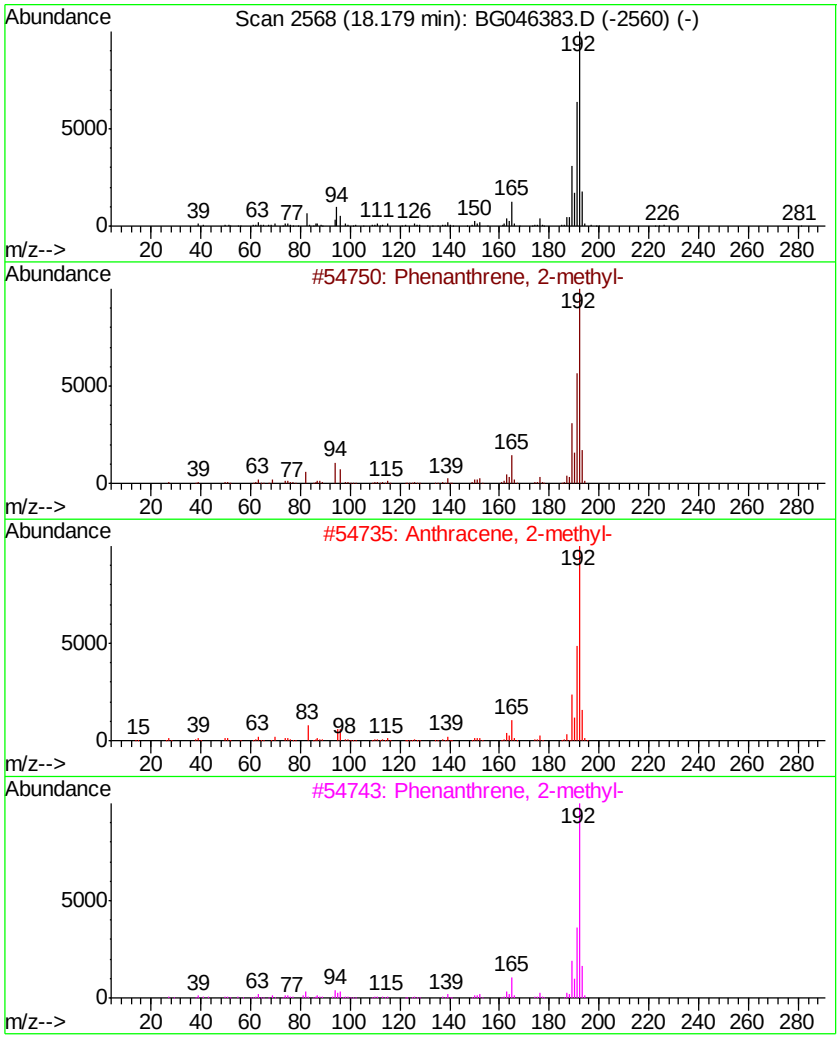
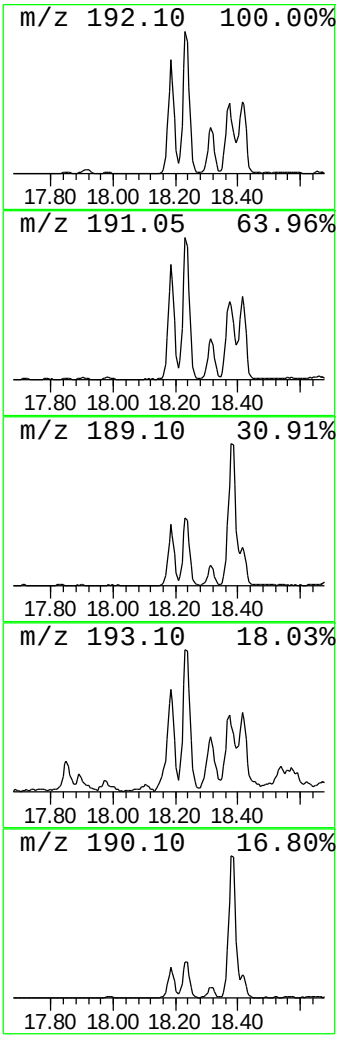
Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	6.63 ng/ul	436173	Phenanthrene-d10	17.31

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





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Operator : CG/JU
Sample : L3634-10
Misc :
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Instrument : BNA_G
ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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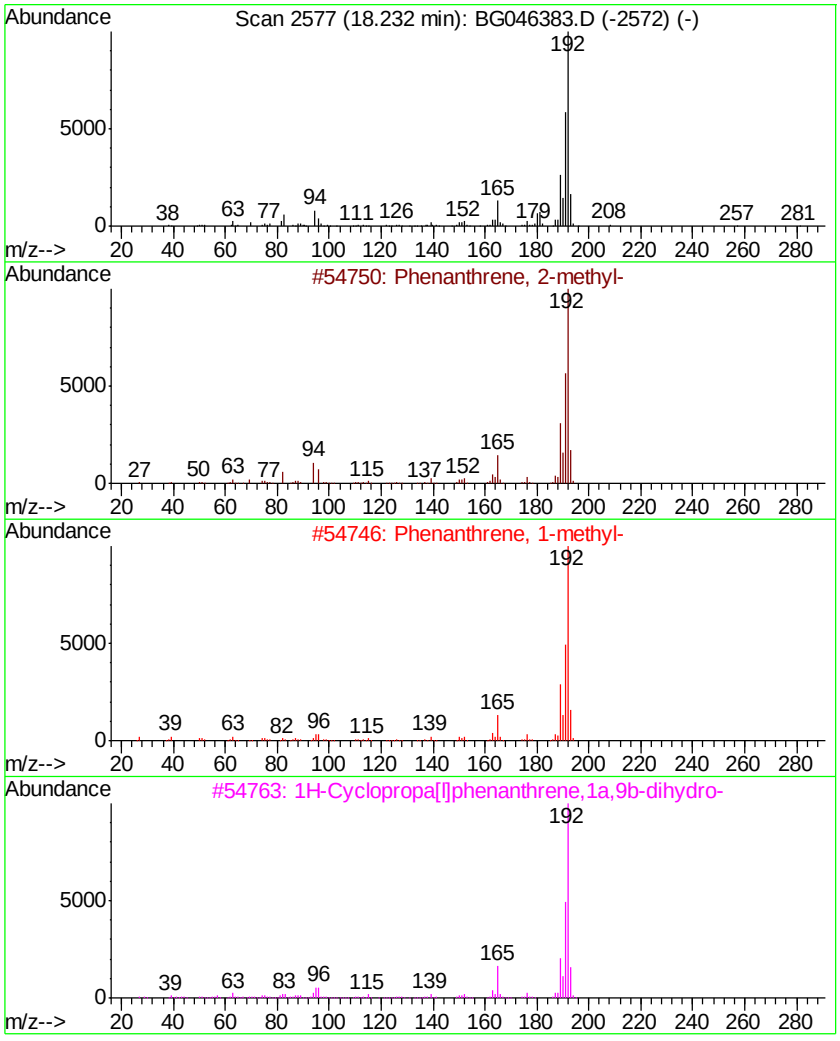
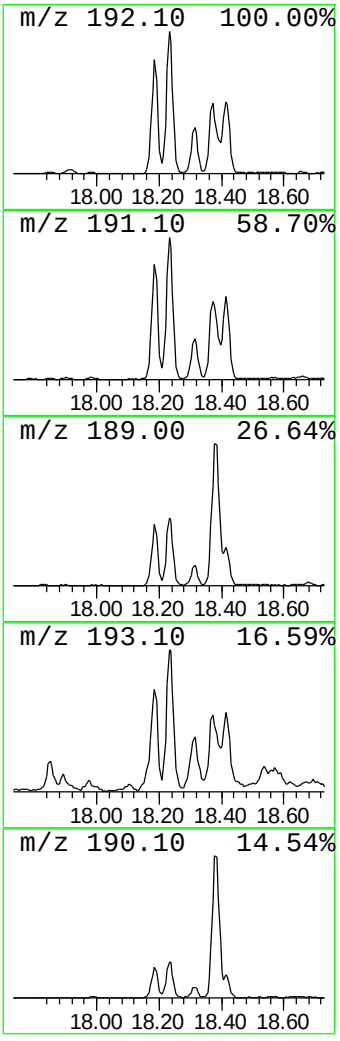
Peak Number 21 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	10.01 ng/ul	658004	Phenanthrene-d10	17.31

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





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ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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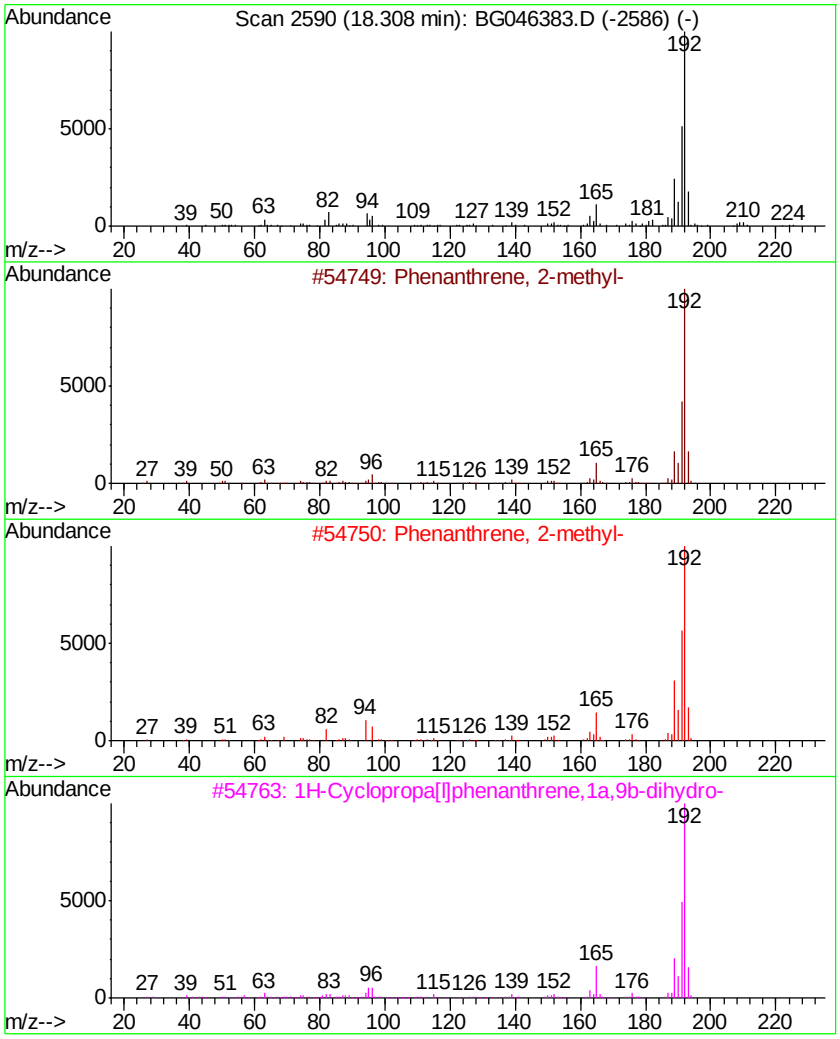
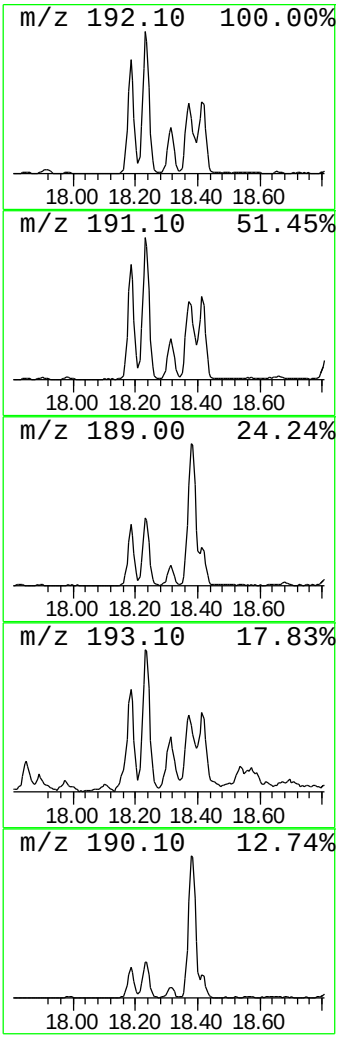
Peak Number 22 1H-Cyclopropa[l]phenanthren... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.39 ng/ul	157176	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93





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Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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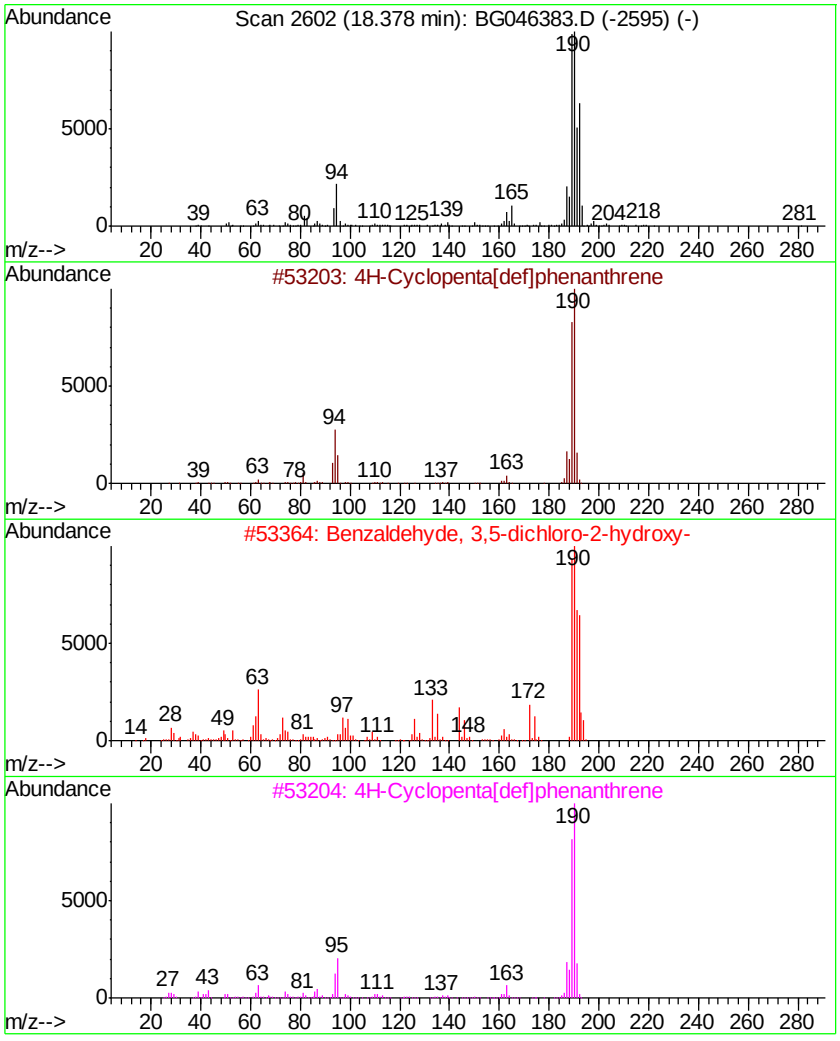
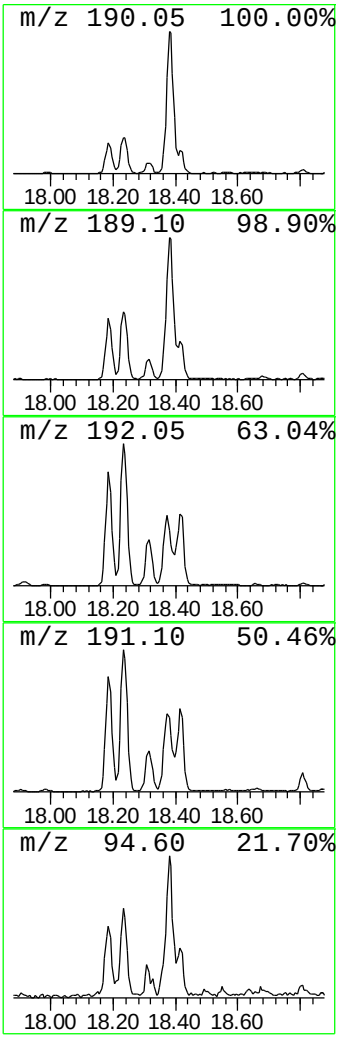
Peak Number 23 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	8.86 ng/ul	582892	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	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52





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Instrument : BNA_G
ClientSampleId : BFMF8

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Quant Title : SVOA CALIBRATION

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

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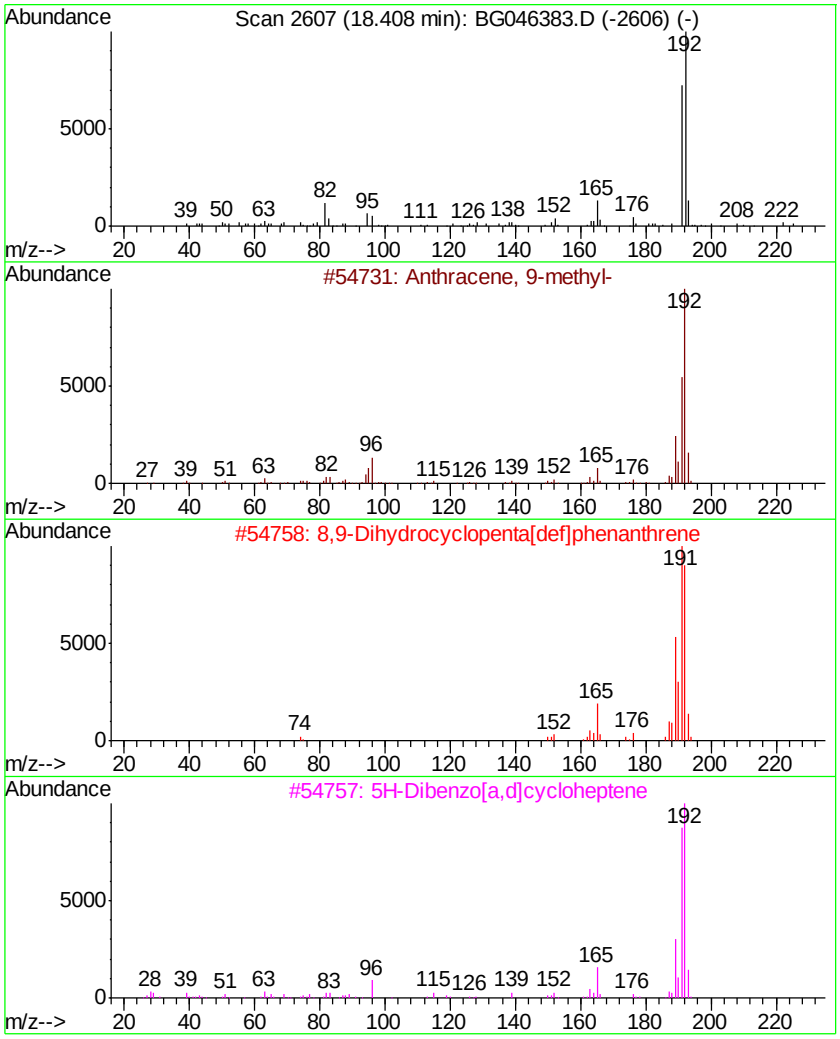
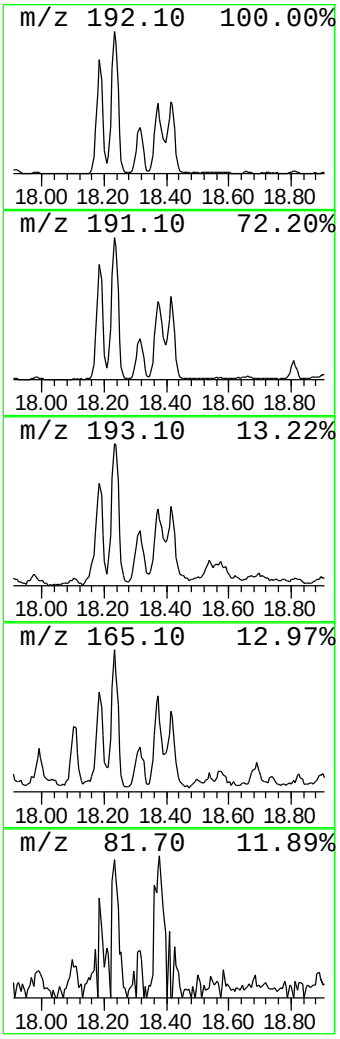
Peak Number 24 Anthracene, 9-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.28 ng/ul	215883	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	90
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Quant Title : SVOA CALIBRATION

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

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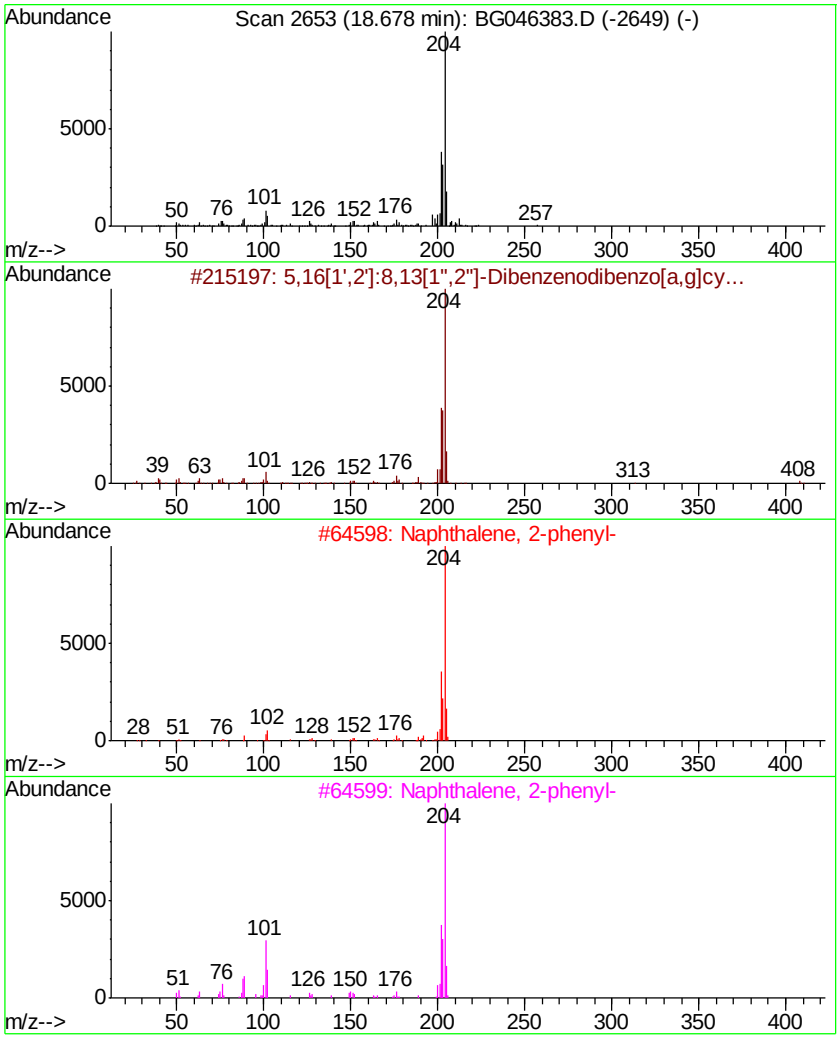
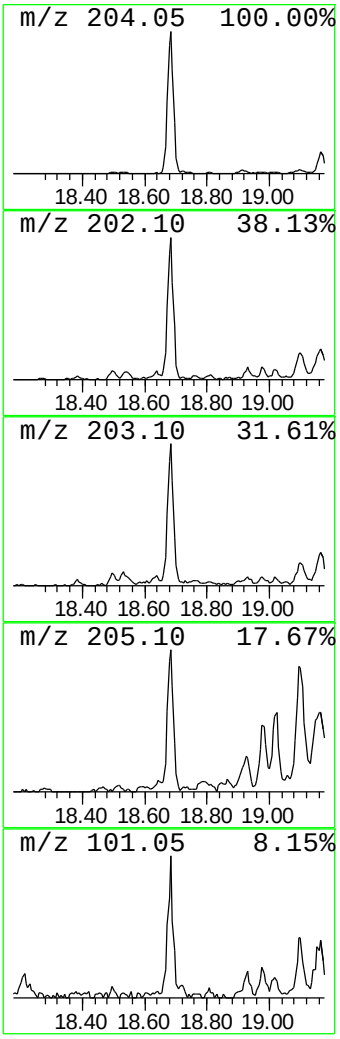
Peak Number 25 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	4.60 ng/ul	302219	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Quant Title : SVOA CALIBRATION

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

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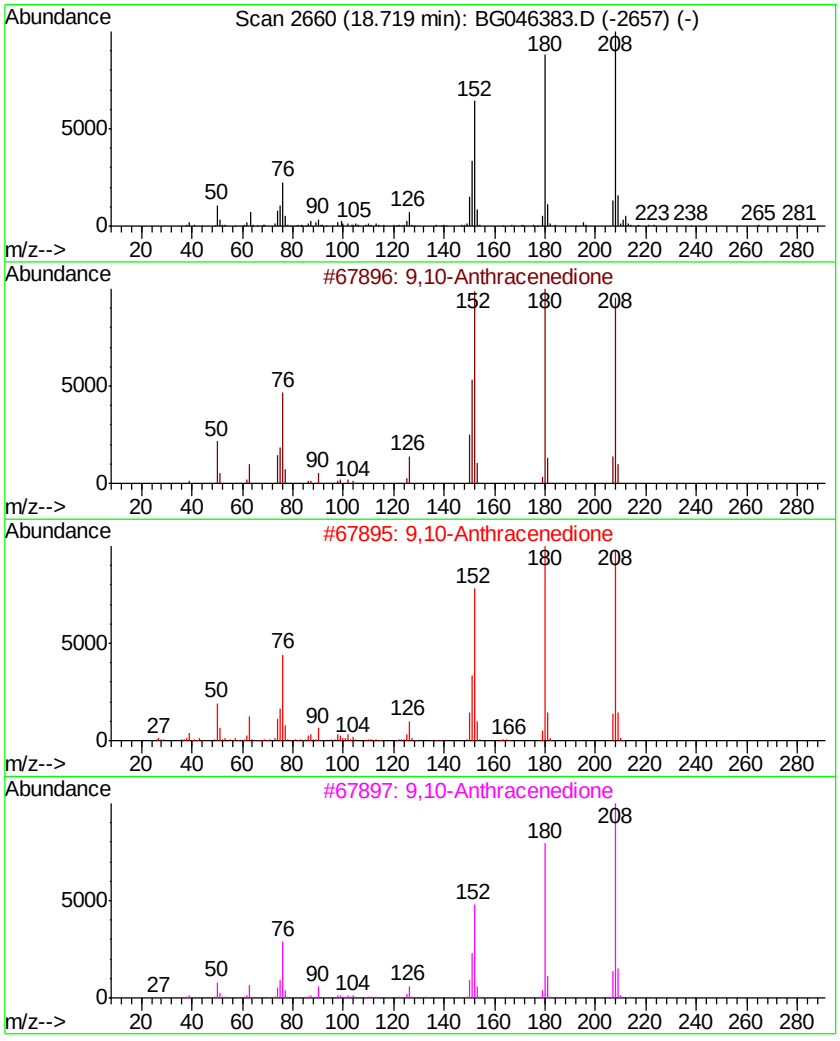
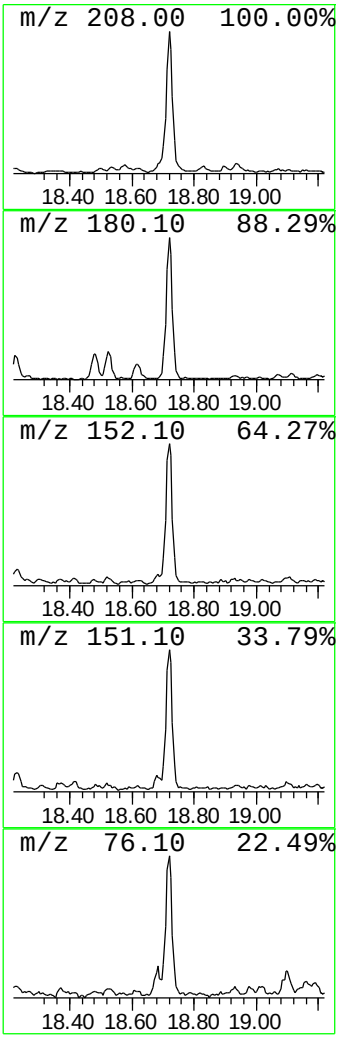
Peak Number 26 9,10-Anthracenedione Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	4.56 ng/ul	299571	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	91
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Quant Title : SVOA CALIBRATION

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

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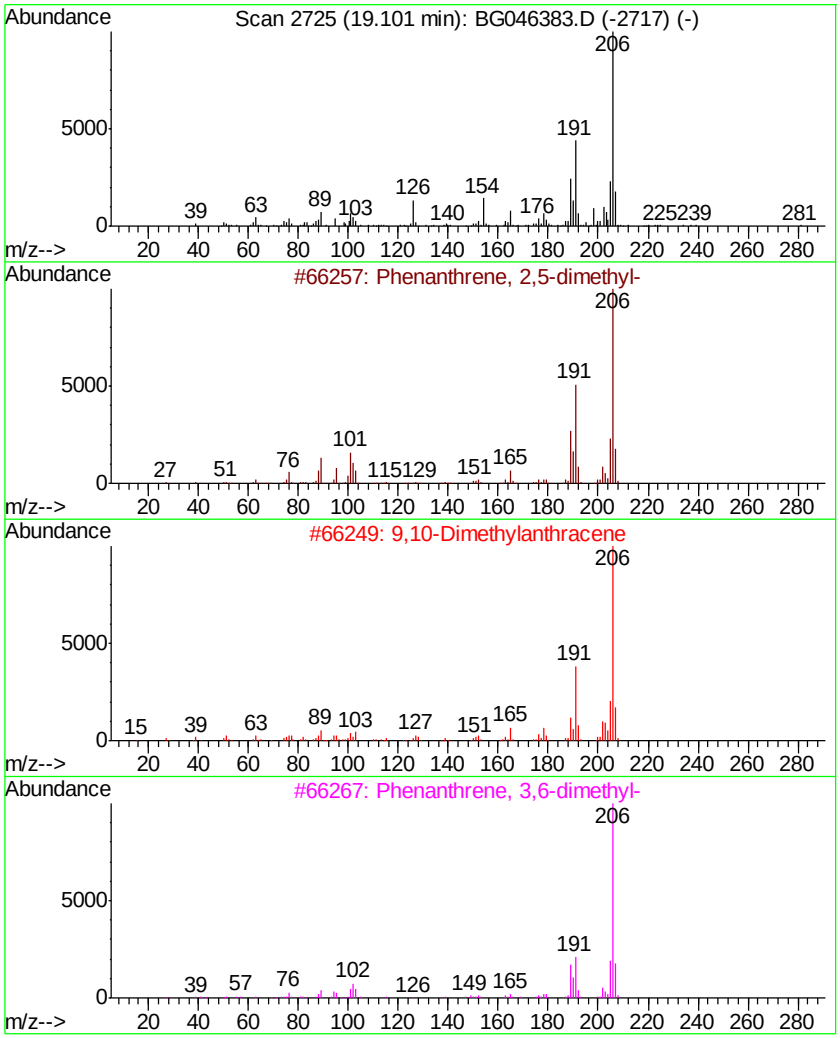
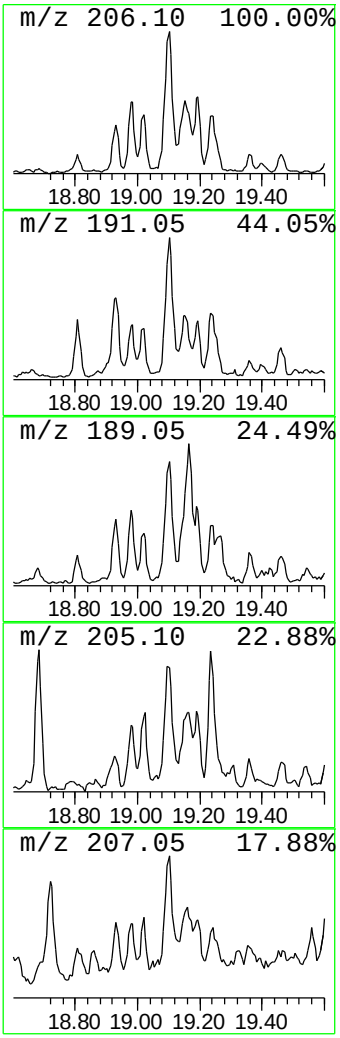
Peak Number 27 Phenanthrene, 2,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	4.87 ng/ul	319980	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





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ClientSampleId : BFMF8

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

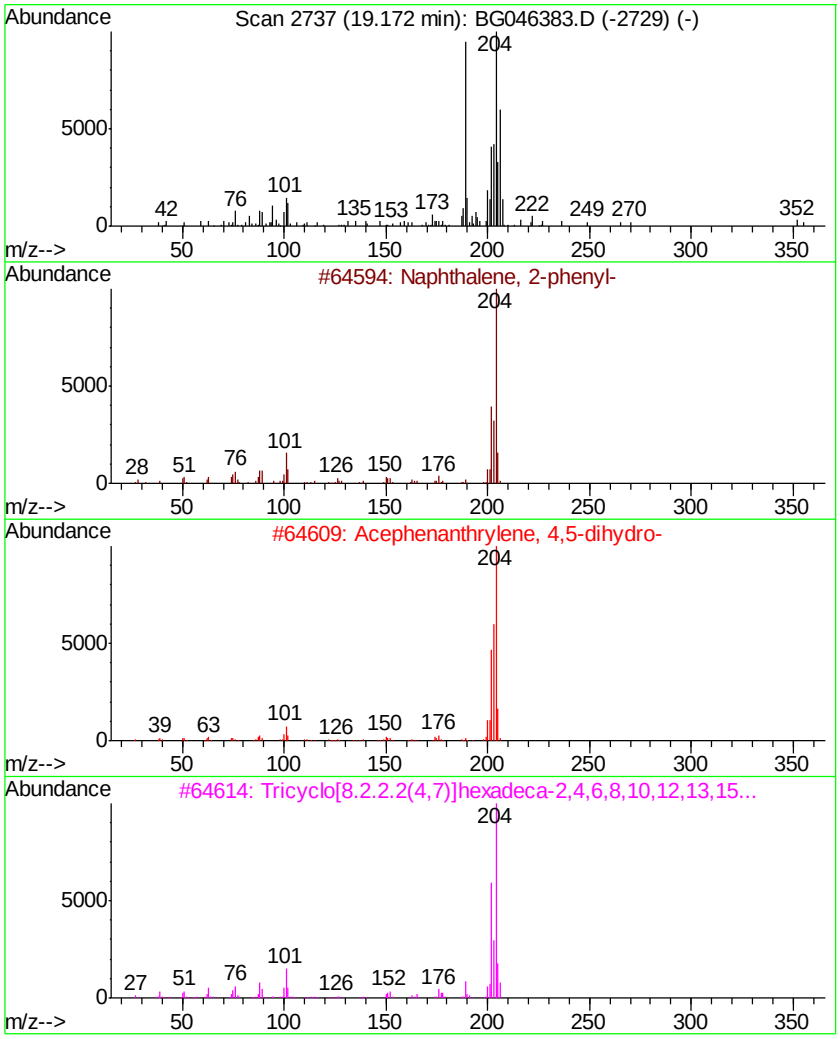
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

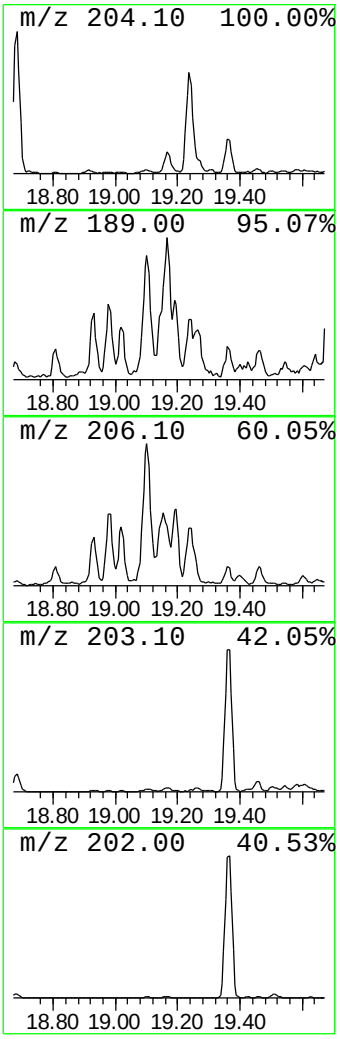
****

Peak Number 28 unknown-09 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.22 ng/ul	211785	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	42
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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

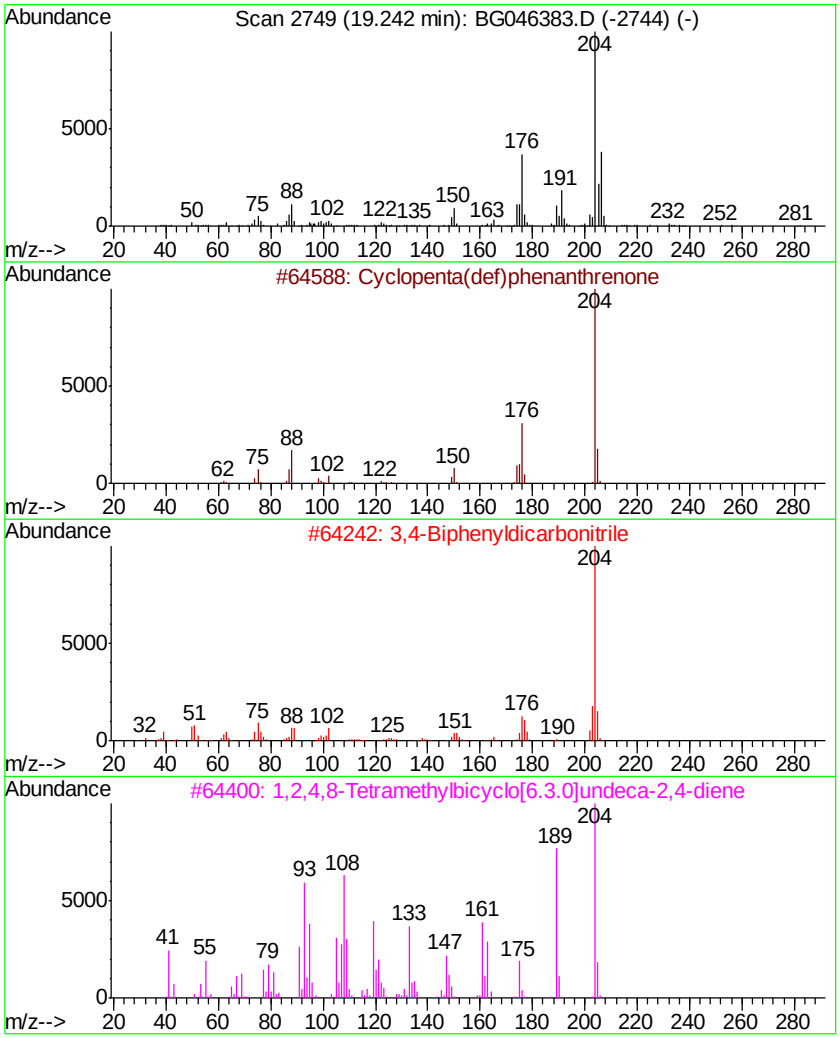
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

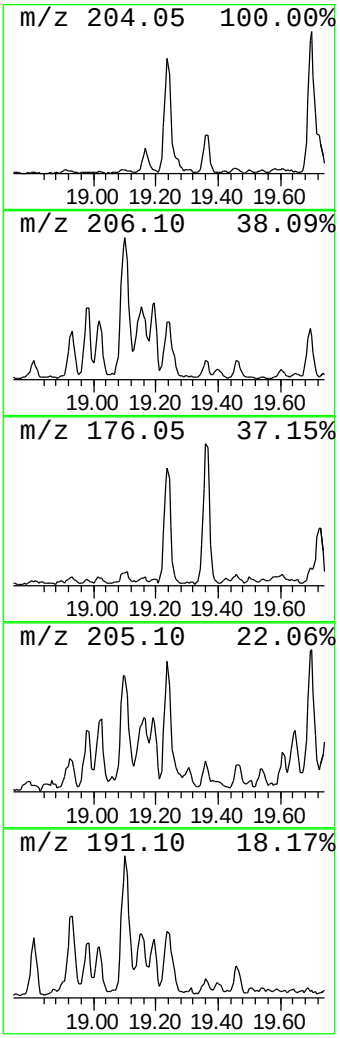
****

Peak Number 29 Cyclopenta(def)phenanthrenone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	4.61 ng/ul	302848	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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Data File : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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

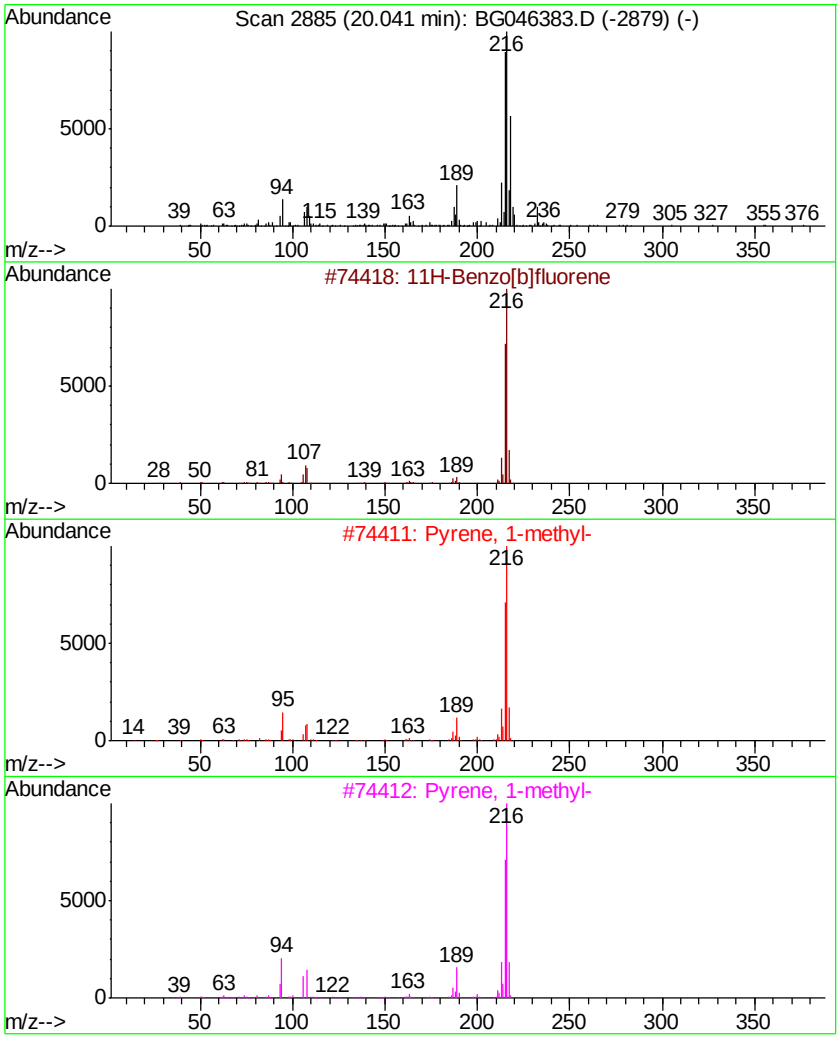
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

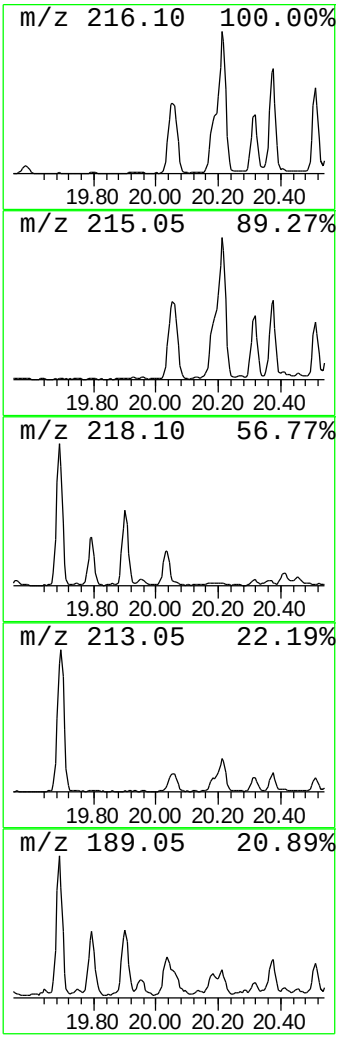
****

Peak Number 30 11H-Benzo[b]fluorene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	3.09 ng/ul	529389	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	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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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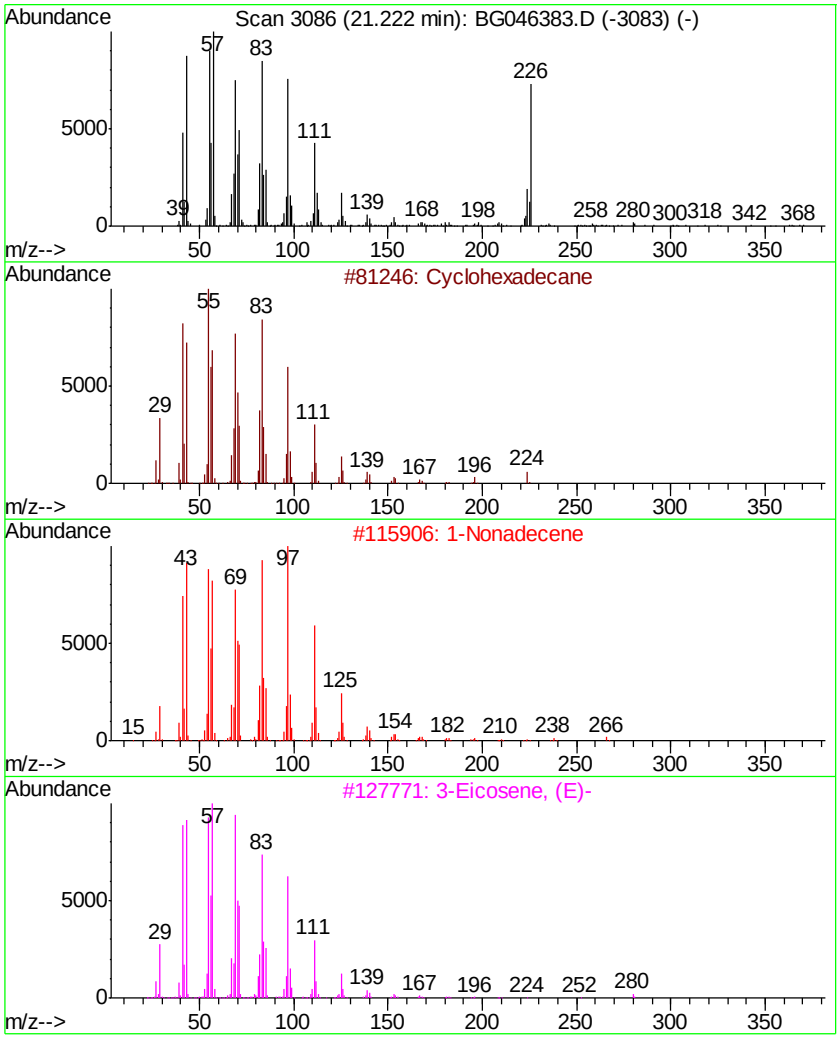
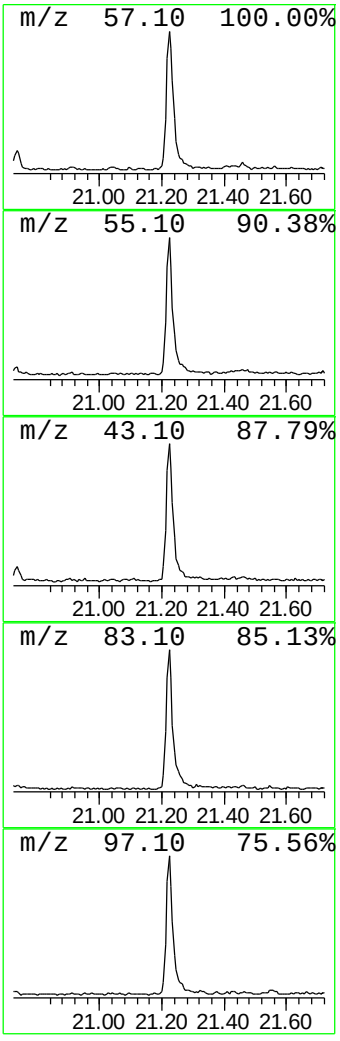
Peak Number 35 (DEL) Alkane: Cyclic21.22 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	5.96 ng/ul	1021030	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Nonadecene	266	C19H38	018435-45-5	97
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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

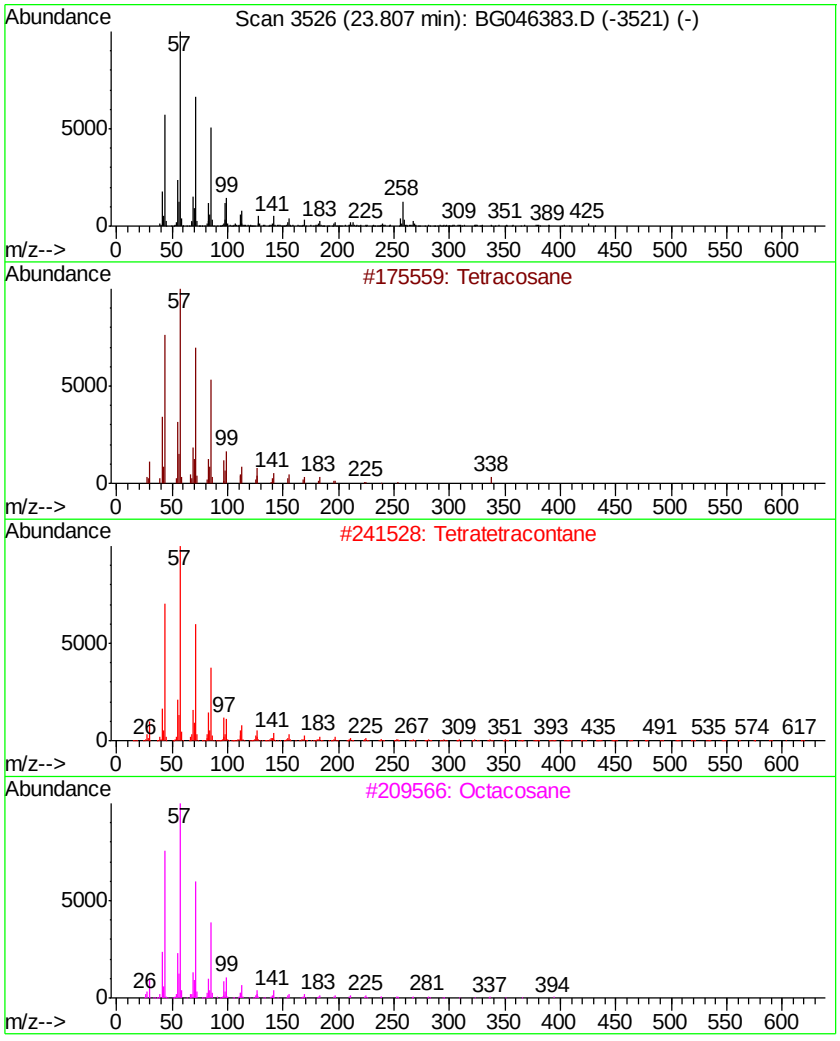
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

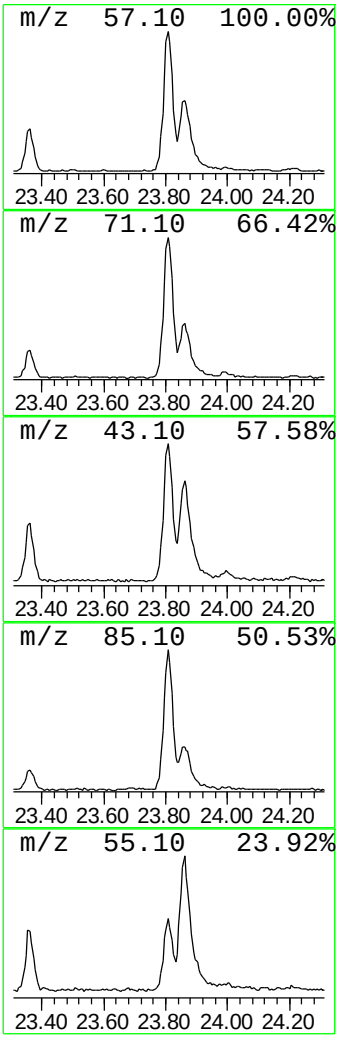
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	5.39 ng/ul	428575	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	86
5	Triacontane	422	C30H62	000638-68-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

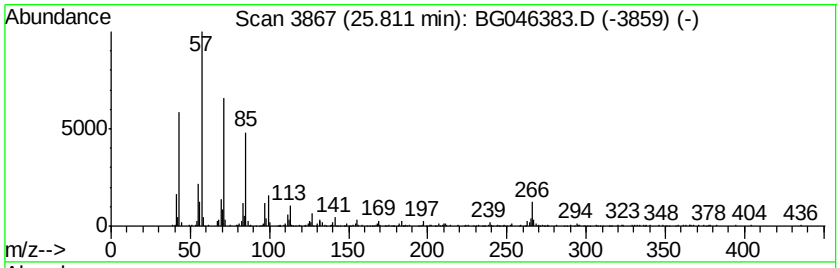
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

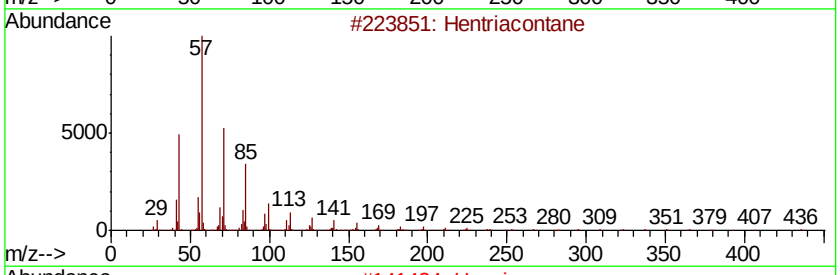
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

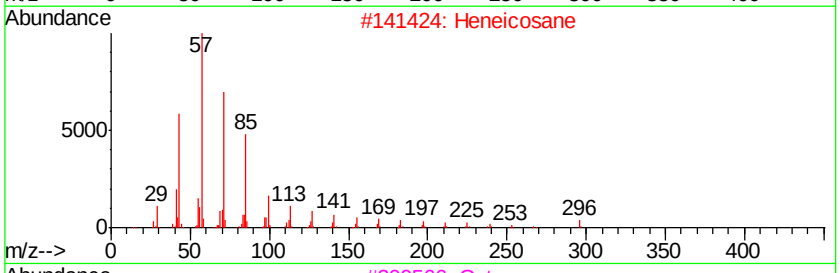
****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 13

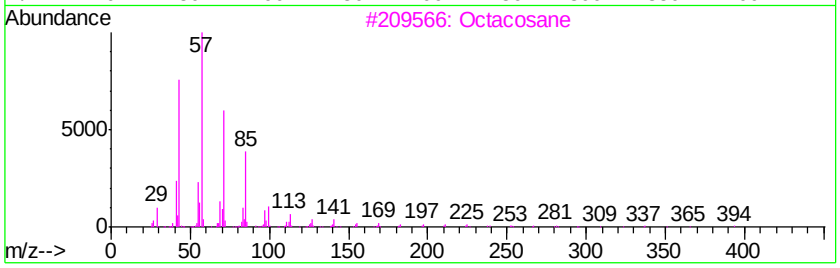
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	8.73 ng/ul	694175	Perylene-d12	24.67

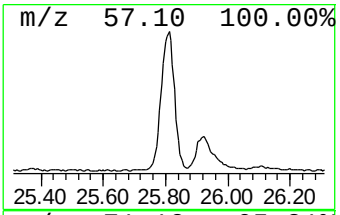
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	98
2	Heneicosane	296	C21H44	000629-94-7	97
3	Octacosane	394	C28H58	000630-02-4	97
4	Docosane	310	C22H46	000629-97-0	93
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89

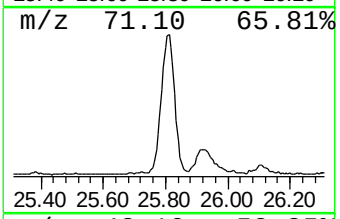


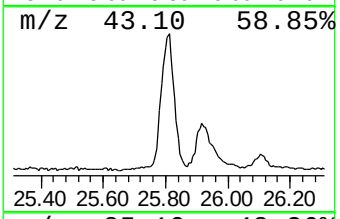


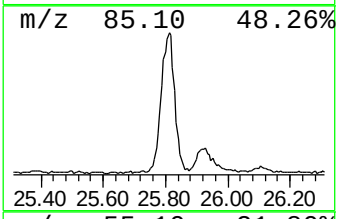


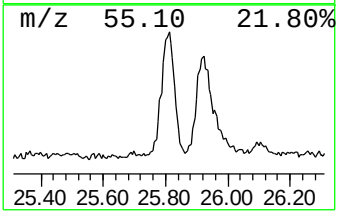












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

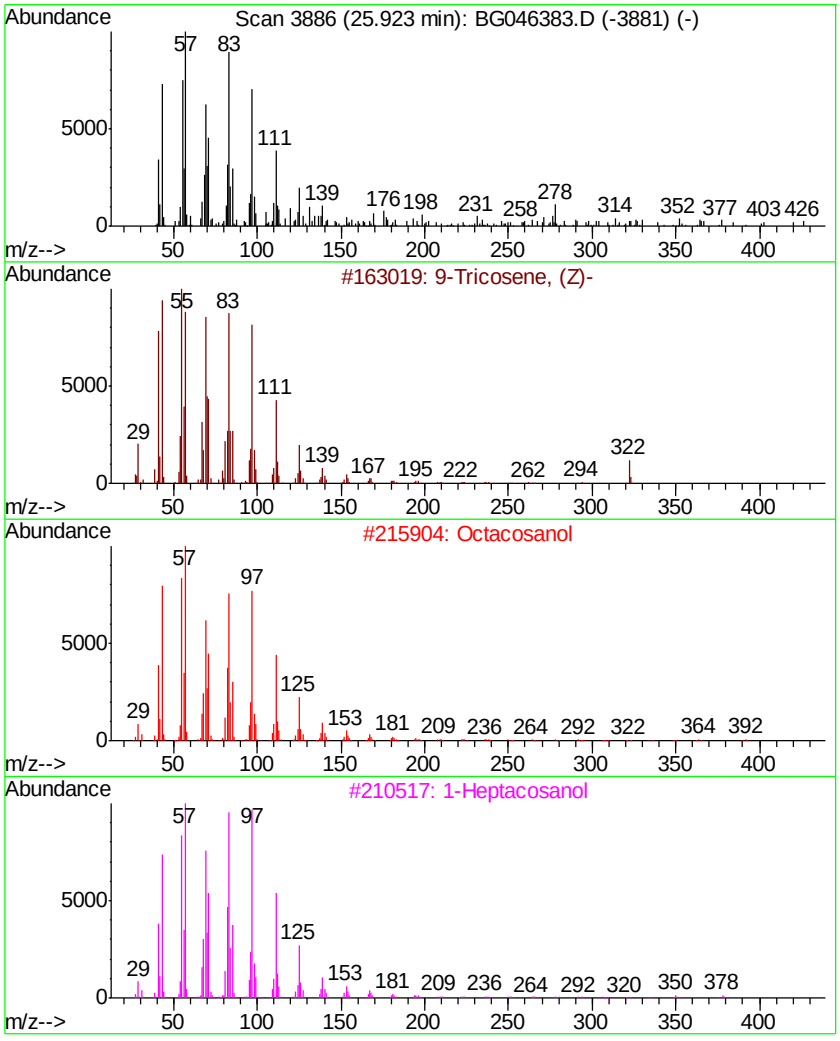
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

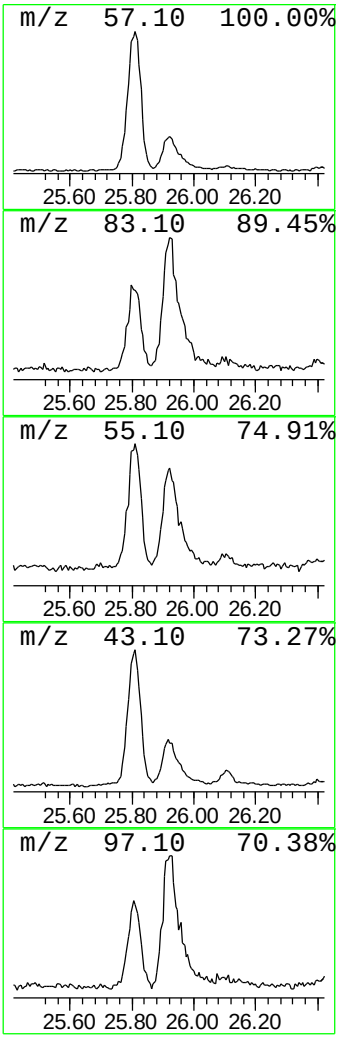
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.92	2.90 ng/ul	230292	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2	Octacosanol	410	C28H58O	000557-61-9	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	9-Hexacosene	364	C26H52	071502-22-2	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046383.D
Acq On : 20 Aug 2020 17:55
Operator : CG/JU
Sample : L3634-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF8

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	105.6	ng/ul	2448580	1	7.94	463872	20.0
4H-Imidazol-4-one...	7.10	19.9	ng/ul	462081	1	7.94	463872	20.0
unknown-01	7.26	14.9	ng/ul	345508	1	7.94	463872	20.0
unknown-02	7.47	20.0	ng/ul	463086	1	7.94	463872	20.0
unknown-03	8.64	24.4	ng/ul	565778	1	7.94	463872	20.0
1H-Imidazole, 4-m...	9.09	19.0	ng/ul	441346	1	7.94	463872	20.0
unknown-04	9.81	10.6	ng/ul	385145	2	10.73	726783	20.0
unknown-05	10.86	10.7	ng/ul	387568	2	10.73	726783	20.0
unknown-06	13.97	18.1	ng/ul	995245	3	14.57	1099130	20.0
Dimethyl phthalate	14.02	5.0	ng/ul	271850	3	14.57	1099130	20.0
unknown-07	14.77	5.9	ng/ul	323653	3	14.57	1099130	20.0
Dibenzofuran	14.96	3.2	ng/ul	175828	3	14.57	1099130	20.0
unknown-08	15.68	7.5	ng/ul	412577	3	14.57	1099130	20.0
Dibenzofuran, 4-m...	15.90	2.1	ng/ul	113069	3	14.57	1099130	20.0
9H-Fluoren-9-ol	16.05	2.3	ng/ul	148093	4	17.31	1315130	20.0
9H-Fluoren-9-one	16.96	3.0	ng/ul	194138	4	17.31	1315130	20.0
8-Dimethylaminona...	17.04	2.4	ng/ul	154284	4	17.31	1315130	20.0
Naphtho[2,1-b]thi...	17.13	2.6	ng/ul	169971	4	17.31	1315130	20.0
5H-Indeno[1,2-b]p...	17.71	4.2	ng/ul	274547	4	17.31	1315130	20.0
Phenanthrene, 2-m...	18.18	6.6	ng/ul	436173	4	17.31	1315130	20.0
Phenanthrene, 1-m...	18.23	10.0	ng/ul	658004	4	17.31	1315130	20.0
1H-Cyclopropa[l]p...	18.31	2.4	ng/ul	157176	4	17.31	1315130	20.0
4H-Cyclopenta[def...	18.38	8.9	ng/ul	582892	4	17.31	1315130	20.0
Anthracene, 9-met...	18.41	3.3	ng/ul	215883	4	17.31	1315130	20.0
5,16[1',2']:8,13[...	18.68	4.6	ng/ul	302219	4	17.31	1315130	20.0
9,10-Anthracenedione	18.72	4.6	ng/ul	299571	4	17.31	1315130	20.0
Phenanthrene, 2,5...	19.10	4.9	ng/ul	319980	4	17.31	1315130	20.0
unknown-09	19.17	3.2	ng/ul	211785	4	17.31	1315130	20.0
Cyclopenta(def)ph...	19.24	4.6	ng/ul	302848	4	17.31	1315130	20.0
11H-Benzo[b]fluorene	20.04	3.1	ng/ul	529389	5	21.56	3423730	20.0
(DEL) Alkane: Cyc...	21.22	6.0	ng/ul	1021030	5	21.56	3423730	20.0
(DEL) Alkane: Str...	23.81	5.4	ng/ul	428575	6	24.67	1589990	20.0
(DEL) Alkane: Str...	25.81	8.7	ng/ul	694175	6	24.67	1589990	20.0
(DEL) Alkane: Str...	25.92	2.9	ng/ul	230292	6	24.67	1589990	20.0