LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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	34	rVB	1236997	1989634	53.95%	3.498%
2	7.108	676	684	694	rBV	179432	342231	9.28%	0.602%
3	7.267	704	711	721	rBV	166109	283720	7.69%	0.499%
4	7.472	740	746	757	rBV	206184	355109	9.63%	0.624%
5	7.937	818	825	836	rBV	304074	526382	14.27%	0.925%
6	8.642	938	945	956	rBV	248966	439333	11.91%	0.772%
7	9.088	1011	1021	1034	rBV	197182	354539	9.61%	0.623%
8	9.817	1138	1145	1154	rBV	149650	279609	7.58%	0.492%
9	10.357	1229	1237	1250	rBV	259080	476065	12.91%	0.837%
10	10.733	1293	1301	1307	rBV	460565	800316	21.70%	1.407%
11	10.863	1316	1323	1338	rBV	147140	298802	8.10%	0.525%
12	13.471	1761	1767	1775	rVV	148104	231883	6.29%	0.408%
13	13.971	1843	1852	1856	rVV	544917	811944	22.02%	1.428%
14	14.018	1856	1860	1866	rVV	191097	279024	7.57%	0.491%
15	14.259	1891	1901	1913	rBV	591731	1013988	27.49%	1.783%
16	14.564	1944	1953	1960	rBV	702605	1134979	30.77%	1.996%
17	14.629	1960	1964	1971	rVB	72956	112142	3.04%	0.197%
18	14.764	1981	1987	1999	rBV2	75254	166231	4.51%	0.292%
19	14.964	2016	2021	2029	rVB	64192	108914	2.95%	0.191%
20	15.557	2113	2122	2127	rVV	812811	1233701	33.45%	2.169%
21	15.610	2127	2131	2136	rVV2	93050	147696	4.00%	0.260%
22	15.675	2136	2142	2150	rVV2	137850	318927	8.65%	0.561%
23	15.910	2177	2182	2191	rVB	51995	90385	2.45%	0.159%
24	16.056	2201	2207	2215	rVB	58195	120003	3.25%	0.211%
25	16.850	2333	2342	2345	rBV3	48446	98478	2.67%	0.173%
26	16.885	2345	2348	2353	rVV	42962	79873	2.17%	0.140%
27	16.961	2356	2361	2369	rVB	102195	178951	4.85%	0.315%
28	17.043	2369	2375	2385	rBV4	53983	156175	4.23%	0.275%
29	17.126	2385	2389	2399	rVB	69160	123191	3.34%	0.217%
30	17.308	2414	2420	2424	rBV	854219	1367181	37.07%	2.404%
31	17.349	2424	2427	2432	rVV	1204923	1750877	47.47%	3.078%
32	17.408	2432	2437	2441	rVV	877809	1381223	37.45%	2.429%
33	17.437	2441	2442	2449	rVB	233308	254289	6.90%	0.447%
34	17.707	2479	2488	2492	rBV	119303	203569	5.52%	0.358%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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	17.890	2515	2519	2528	rVB4	50788	86694	2.35%	0.152%
36	18.183	2564	2569	2573	rBV	246909	398775	10.81%	0.701%
37	18.230	2573	2577	2585	rVB	347293	555360	15.06%	0.976%
38	18.313	2586	2591	2596	rVB	117370	165110	4.48%	0.290%
39	18.377	2596	2602	2606	rBV2	293901	563681	15.28%	0.991%
40	18.412	2606	2608	2614	rVB	187964	235638	6.39%	0.414%
41	18.506	2615	2624	2625	rBV4	30117	72798	1.97%	0.128%
42	18.683	2649	2654	2657	rBV	196596	291015	7.89%	0.512%
43	18.718	2657	2660	2666	rVB	200851	272871	7.40%	0.480%
44	18.930	2688	2696	2701	rBV2	87707	154424	4.19%	0.272%
45	18.977	2701	2704	2707	rVV	66607	90078	2.44%	0.158%
46	19.018	2707	2711	2715	rVB2	71462	97791	2.65%	0.172%
47	19.100	2720	2725	2730	rVV	200690	347751	9.43%	0.611%
48	19.165	2730	2736	2739	rVV3	104015	243870	6.61%	0.429%
49	19.188	2739	2740	2744	rVV	84755	94452	2.56%	0.166%
50	19.235	2744	2748	2757	rVB	192024	331911	9.00%	0.584%
51	19.364	2764	2770	2776	rVB	2011662	2966632	80.44%	5.216%
52	19.423	2776	2780	2783	rBV	51768	66846	1.81%	0.118%
53	19.458	2783	2786	2791	rVB3	58884	86946	2.36%	0.153%
54	19.511	2791	2795	2798	rBV2	58175	79456	2.15%	0.140%
55	19.552	2798	2802	2806	rBV3	73107	109194	2.96%	0.192%
56	19.599	2807	2810	2814	rBV2	58225	83959	2.28%	0.148%
57	19.693	2820	2826	2828	rBV3	1469647	2171366	58.88%	3.818%
58	19.723	2828	2831	2838	rVV	1861374	2594639	70.35%	4.562%
59	19.793	2839	2843	2852	rVB2	134072	241430	6.55%	0.424%
60	19.899	2856	2861	2867	rBV	151776	222301	6.03%	0.391%
61	19.952	2867	2870	2876	rVB4	63751	103257	2.80%	0.182%
62	20.046	2879	2886	2893	rBV3	216406	614350	16.66%	1.080%
63	20.181	2904	2909	2911	rBV3	147558	257770	6.99%	0.453%
64	20.210	2911	2914	2919	rVB	320062	446588	12.11%	0.785%
65	20.310	2927	2931	2935	rBV	147712	205635	5.58%	0.362%
66	20.369	2935	2941	2946	rVV2	307709	519786	14.09%	0.914%
67	20.410	2946	2948	2952	rVB3	62208	65352	1.77%	0.115%
68	20.451	2952	2955	2960	rBV2	68330	95751	2.60%	0.168%
69	20.510	2961	2965	2969	rBV	161778	226113	6.13%	0.398%
70	20.557	2969	2973	2977	rVB2	160758	217322	5.89%	0.382%
71	20.769	3005	3009	3011	rBV3	55284	73678	2.00%	0.130%

LSC Area Percent Report

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Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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	20.804	3012	3015	3018	rVB3	53226	67210	1.82%	0.118%
73	20.962	3038	3042	3050	rVB	309104	481206	13.05%	0.846%
74	21.145	3066	3073	3077	rBV2	191528	472959	12.82%	0.832%
75	21.186	3077	3080	3083	rVV	239486	347625	9.43%	0.611%
76	21.221	3083	3086	3093	rVV3	570528	1099694	29.82%	1.934%
77	21.291	3093	3098	3107	rVB2	281604	548351	14.87%	0.964%
78	21.544	3134	3141	3147	rBV3	1473191	3688000	100.00%	6.484%
79	21.603	3147	3151	3160	rVB	1042108	1733050	46.99%	3.047%
80	21.756	3172	3177	3182	rBV2	125327	292302	7.93%	0.514%
81	21.808	3183	3186	3192	rVB3	65370	129271	3.51%	0.227%
82	21.950	3205	3210	3216	rBV3	156505	321123	8.71%	0.565%
83	22.196	3248	3252	3256	rBV2	66291	114546	3.11%	0.201%
84	22.267	3257	3264	3269	rVB	253079	463366	12.56%	0.815%
85	22.343	3272	3277	3279	rBV2	149902	265020	7.19%	0.466%
86	22.531	3304	3309	3313	rBV	117276	220960	5.99%	0.388%
87	22.572	3313	3316	3323	rVB4	109208	204214	5.54%	0.359%
88	23.360	3446	3450	3461	rVB4	184380	379115	10.28%	0.667%
89	23.689	3497	3506	3513	rBV	813181	2708848	73.45%	4.763%
90	23.806	3521	3526	3530	rBV	157884	278577	7.55%	0.490%
91	23.859	3530	3535	3541	rVV2	311086	705822	19.14%	1.241%
92	23.930	3542	3547	3555	rVB	180841	408725	11.08%	0.719%
93	24.376	3616	3623	3629	rBV	409963	980529	26.59%	1.724%
94	24.452	3629	3636	3641	rVV	494486	1221393	33.12%	2.147%
95	24.517	3641	3647	3659	rVB	703017	1844928	50.03%	3.244%
96	24.664	3662	3672	3678	rBV2	558001	1567419	42.50%	2.756%
97	25.810	3858	3867	3877	rVB3	265381	786452	21.32%	1.383%
98	25.915	3879	3885	3892	rBV5	113589	330884	8.97%	0.582%
99	28.177	4259	4270	4290	rVB3	306564	1447700	39.25%	2.545%
100	29.270	4446	4456	4470	rVB	184279	806315	21.86%	1.418%

Sum of corrected areas: 56875558

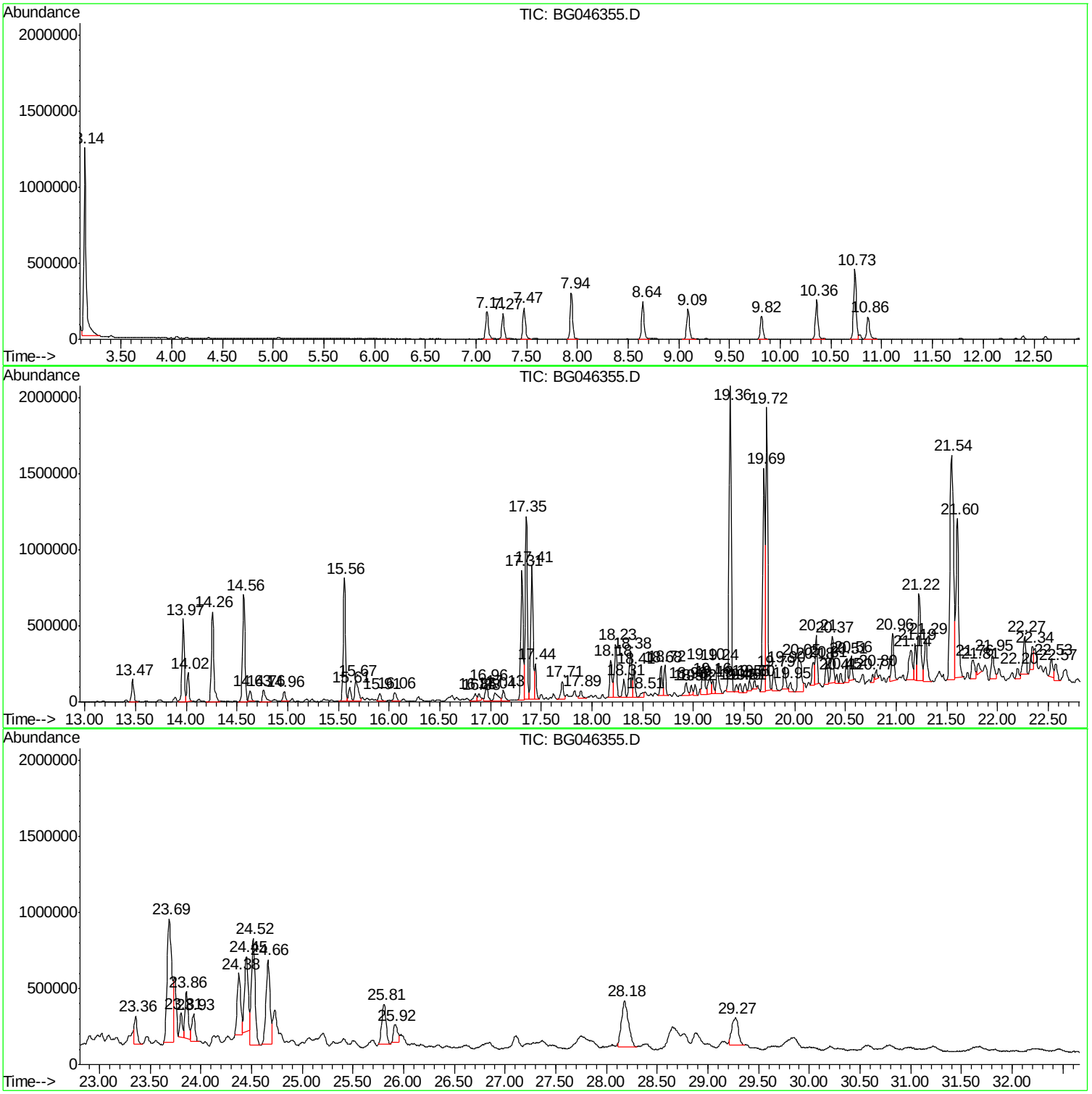
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

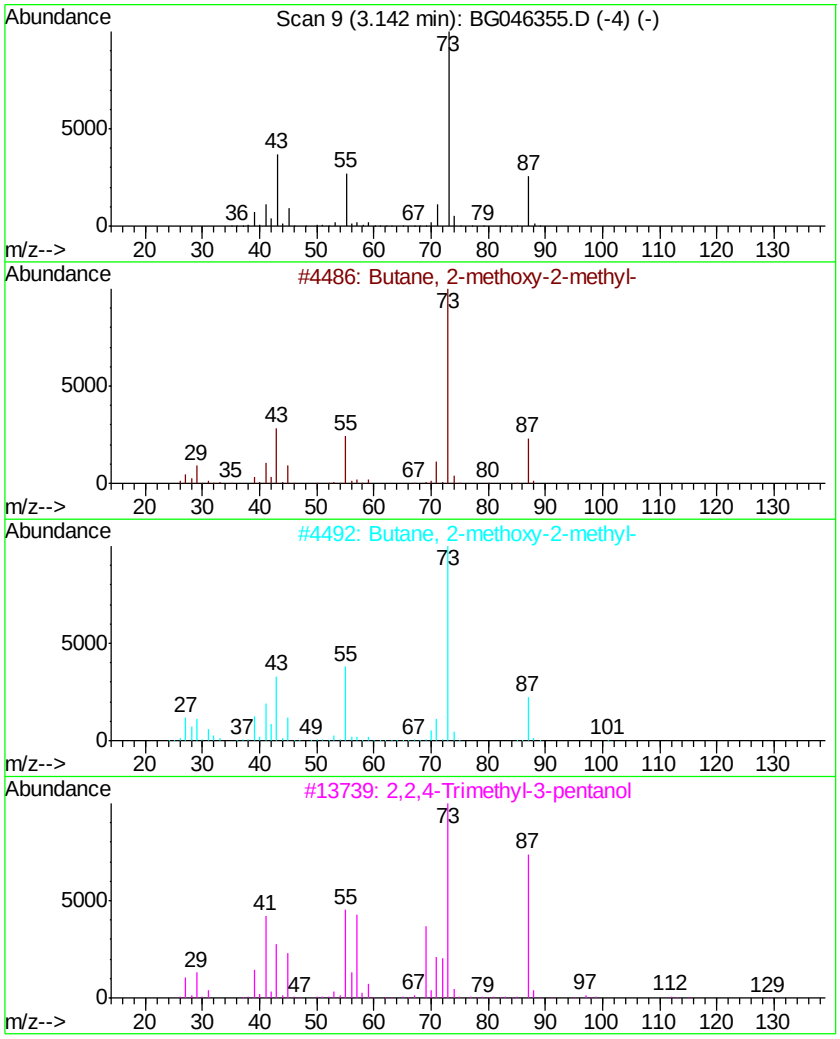
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

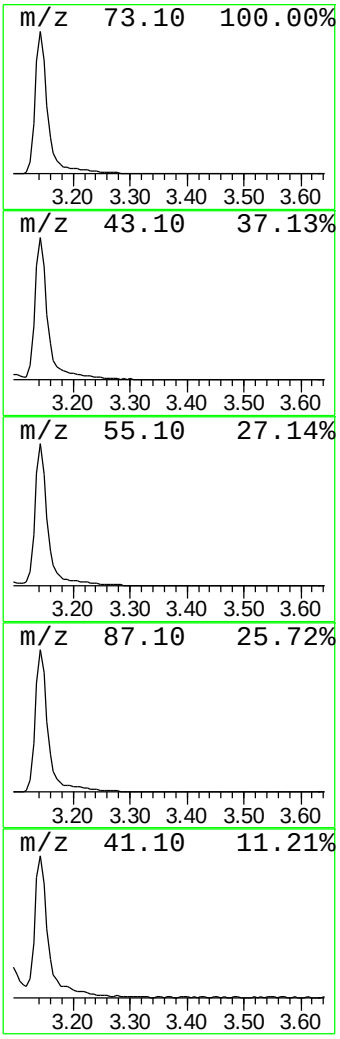
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	75.60 ng/ul	1989630	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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

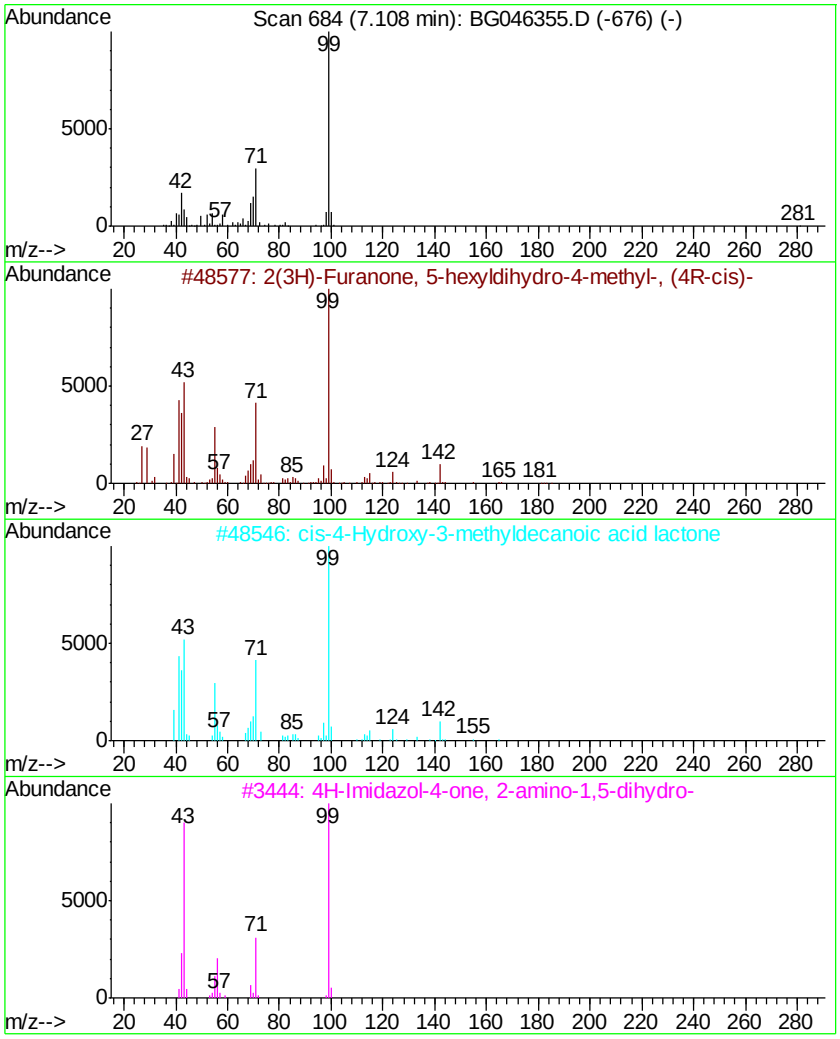
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

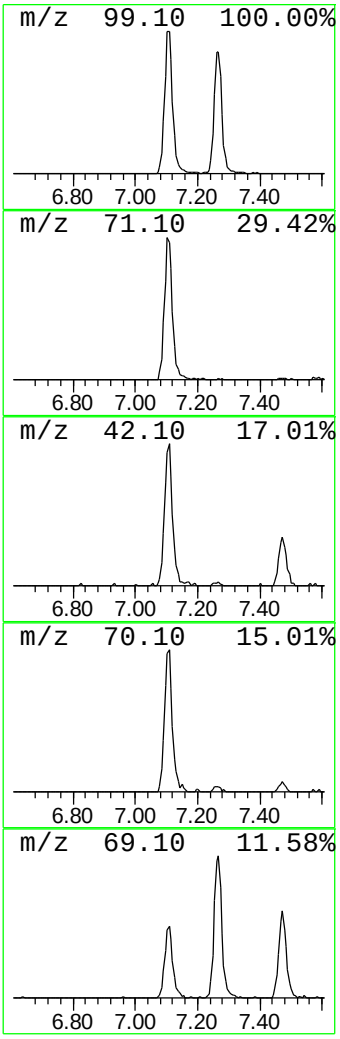
****

Peak Number 2 2(3H)-Furanone, 5-hexyldihy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	13.00 ng/ul	342231	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
2	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64
3	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	59
4	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56
5	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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

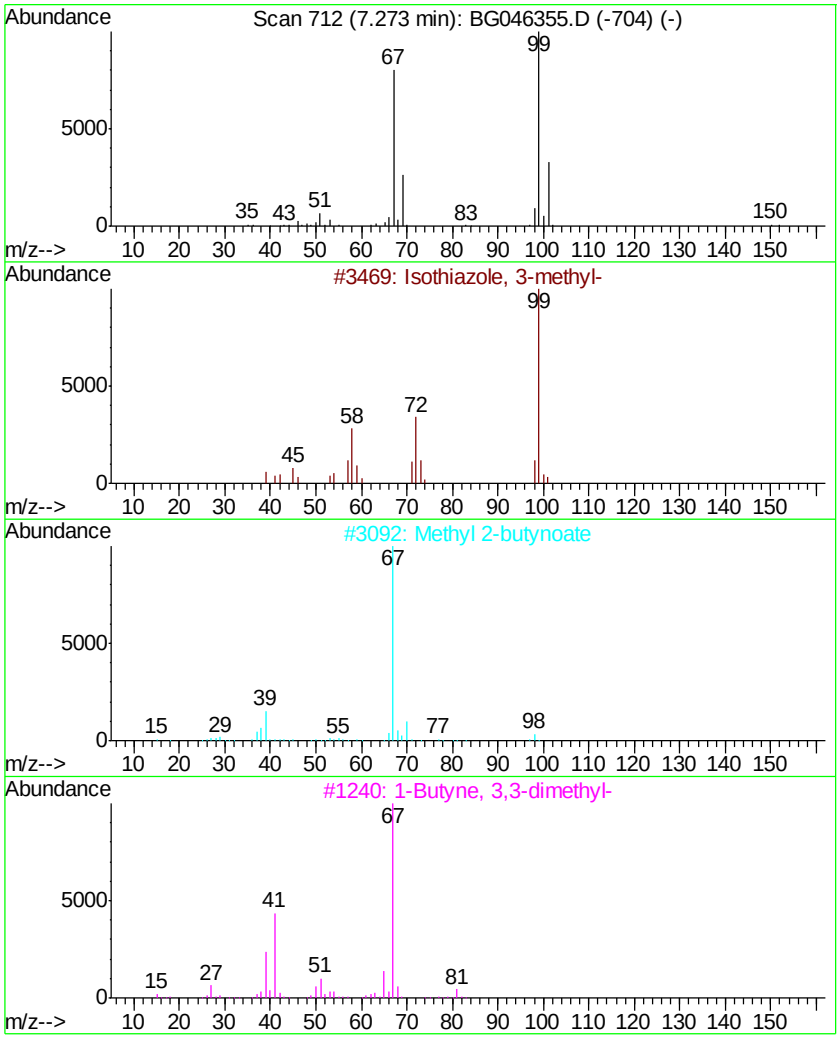
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

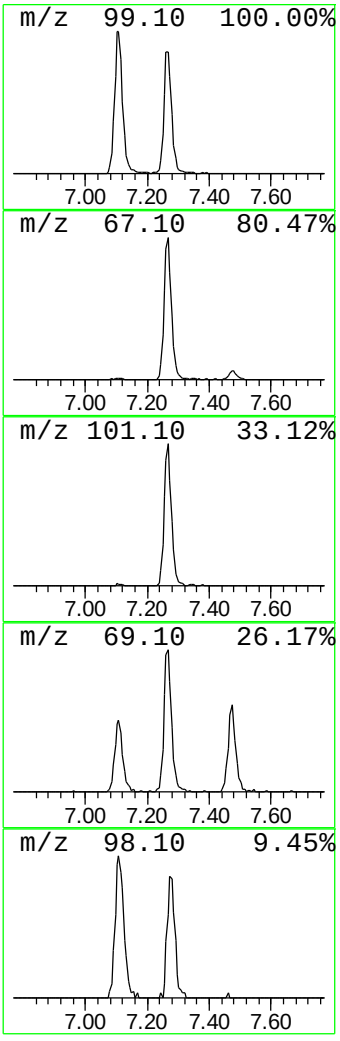
****

Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	10.78 ng/ul	283720	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
3	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
4	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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

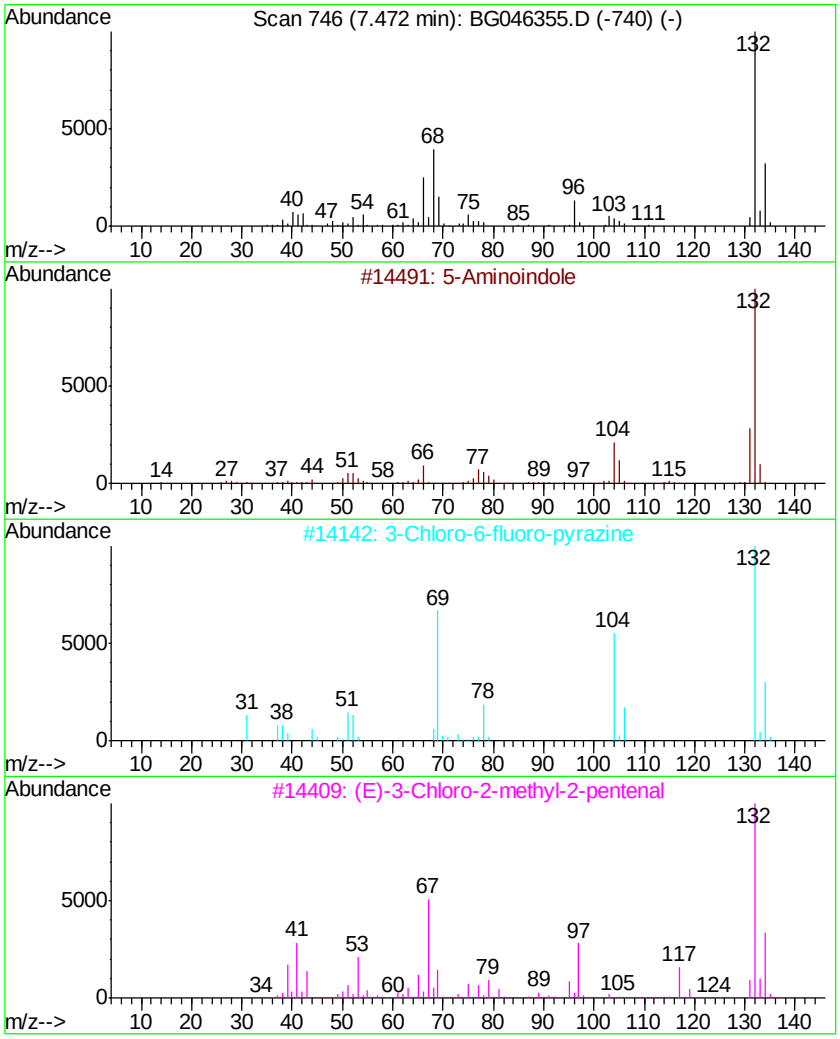
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

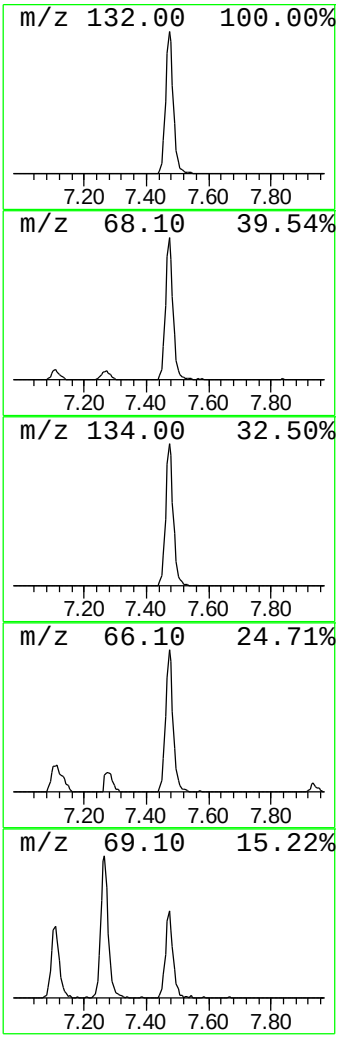
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	13.49 ng/ul	355109	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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

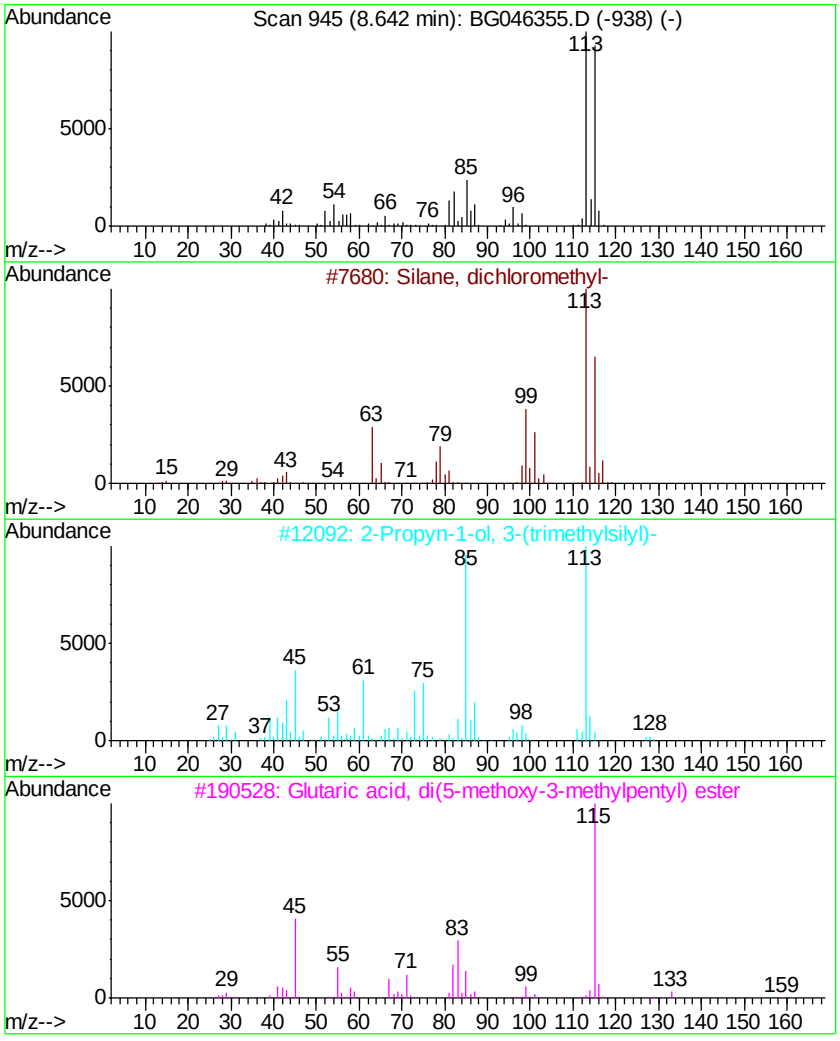
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

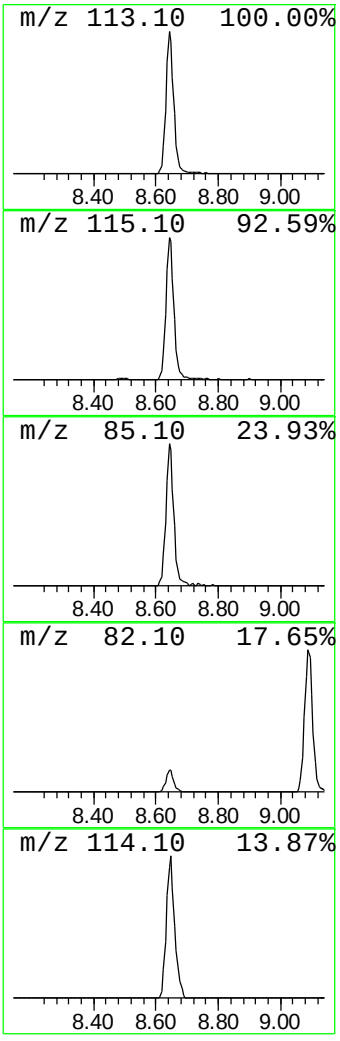
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	16.69 ng/ul	439333	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	2-Propyn-1-ol, 3-(trimethylsilyl)-	128	C6H12OSi	005272-36-6	37
3	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	35
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
5	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32





Library Search Compound Report

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Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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Quant Title : SVOA CALIBRATION

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

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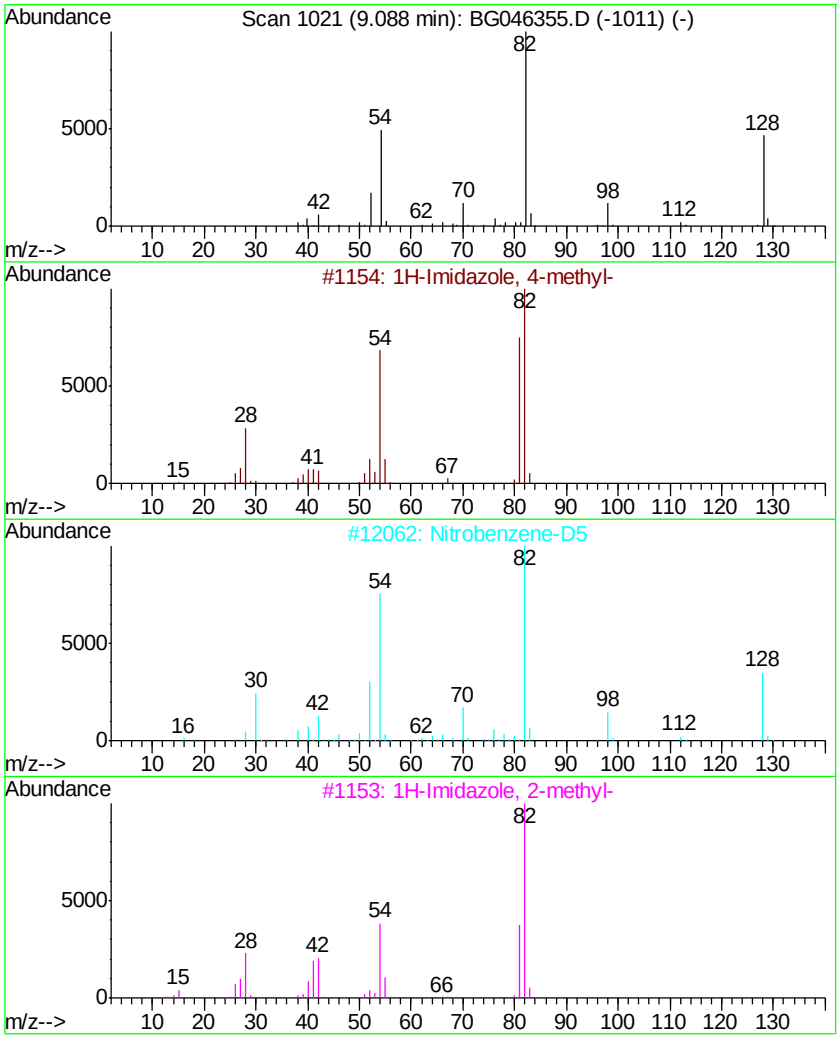
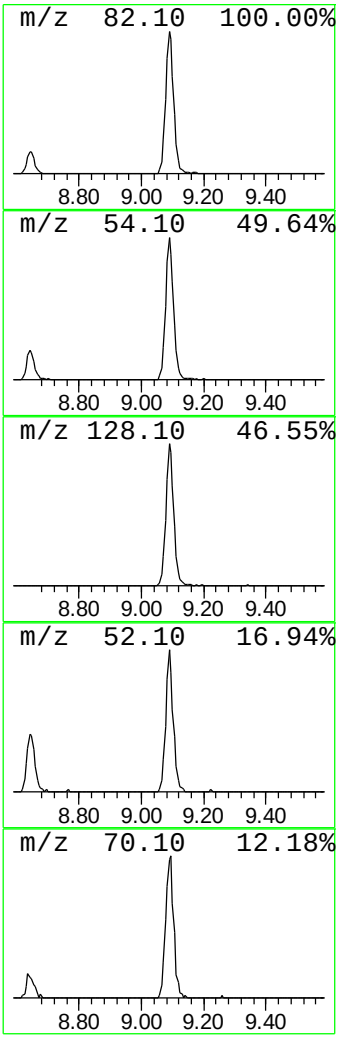
Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	13.47 ng/ul	354539	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, 2-methyl-	82	C4H6N2	000693-98-1	38
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	16
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	9





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Sample : L3633-10
Misc :
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Instrument : BNA_G
ClientSampleId : BFMD8

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Quant Title : SVOA CALIBRATION

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

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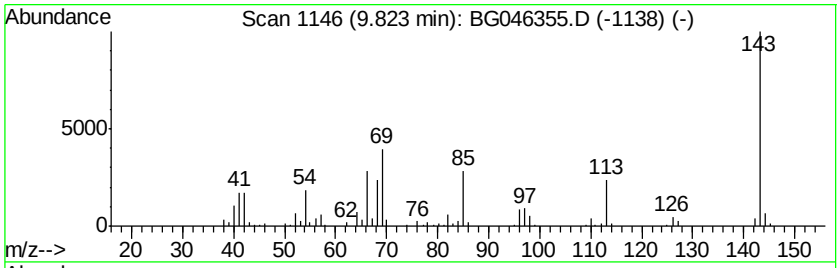
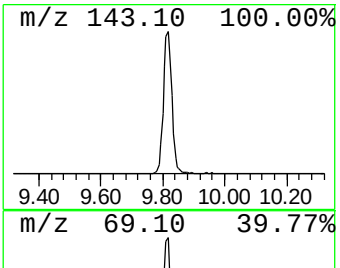
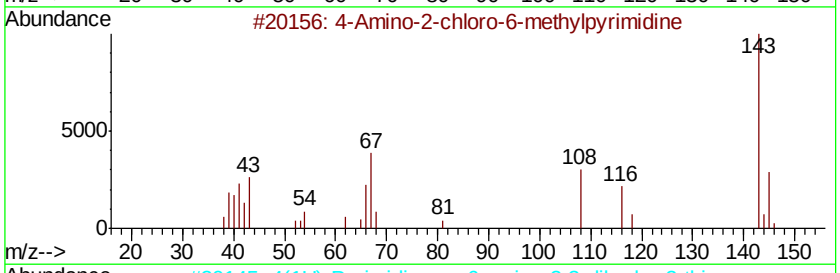
Peak Number 7 unknown-04 Concentration Rank 14

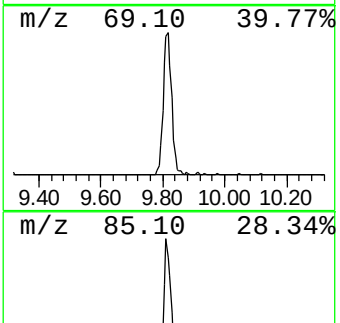
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	6.99 ng/ul	279609	Naphthalene-d8	10.73

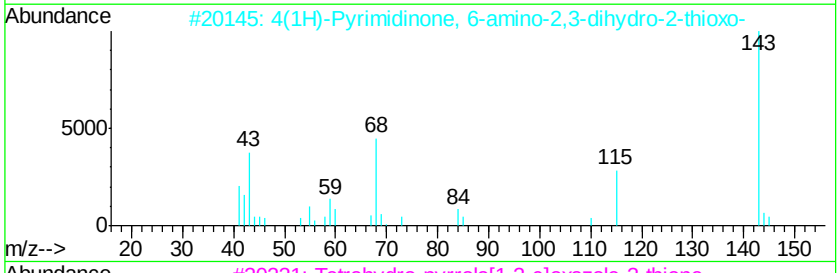
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	33
2	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	22
3	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
4	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
5	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12

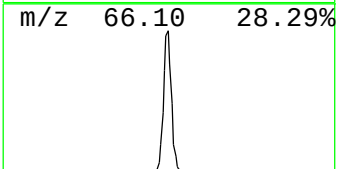


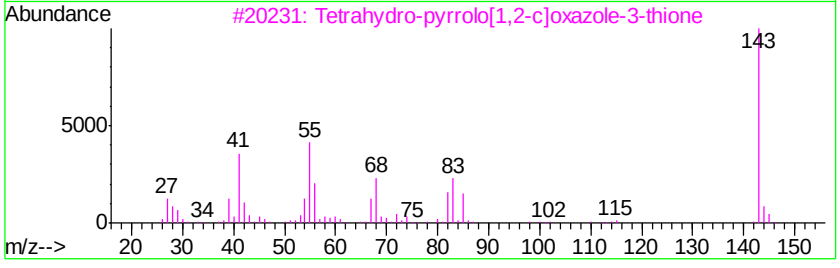


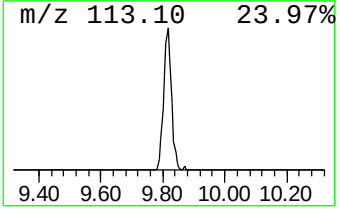












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Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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

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

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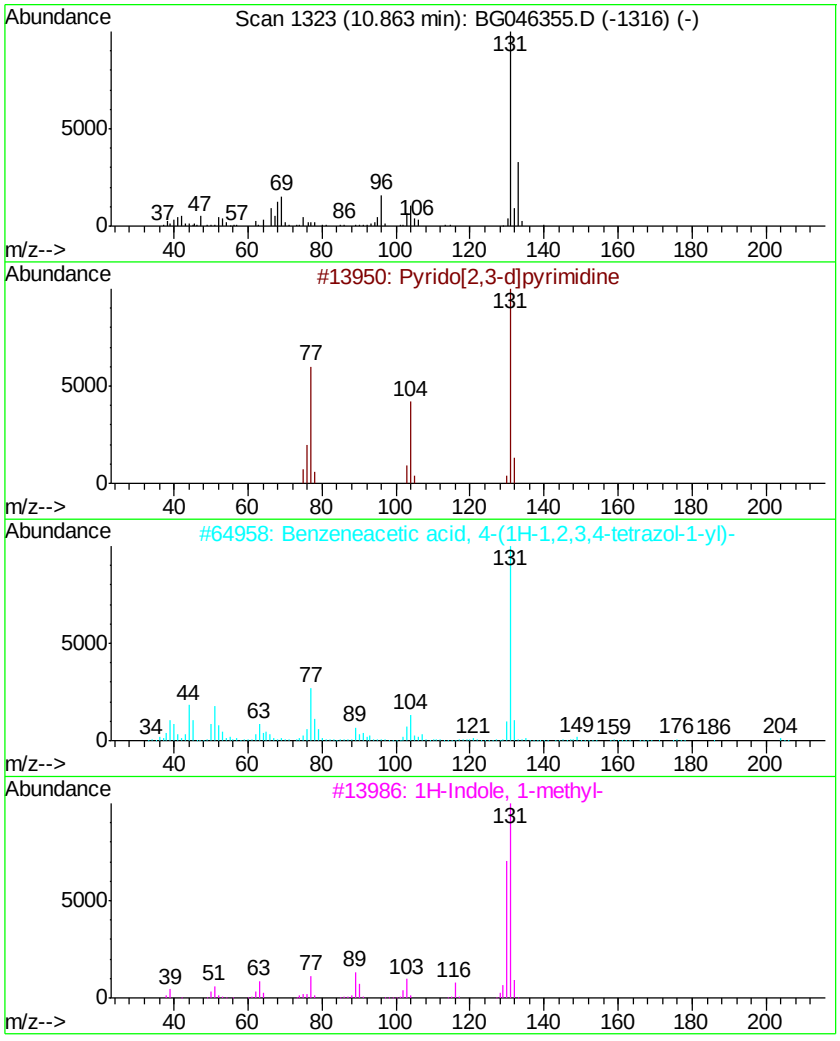
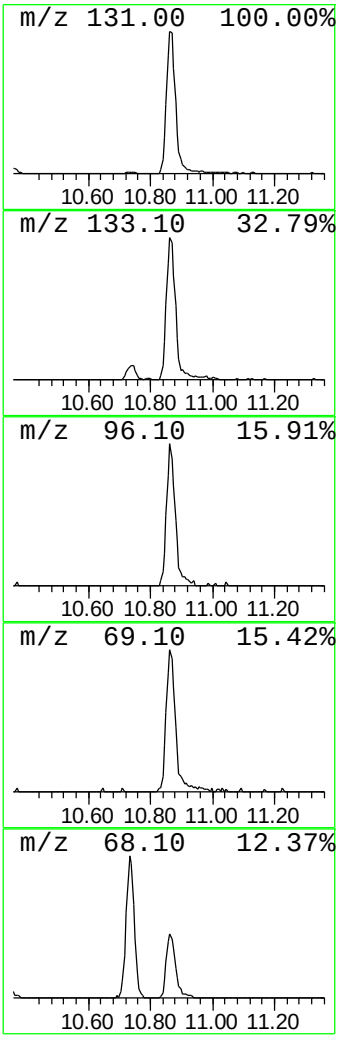
Peak Number 8 unknown-05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	7.47 ng/ul	298802	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	40
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
4	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	9
5	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	9





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BFMD8

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Quant Title : SVOA CALIBRATION

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

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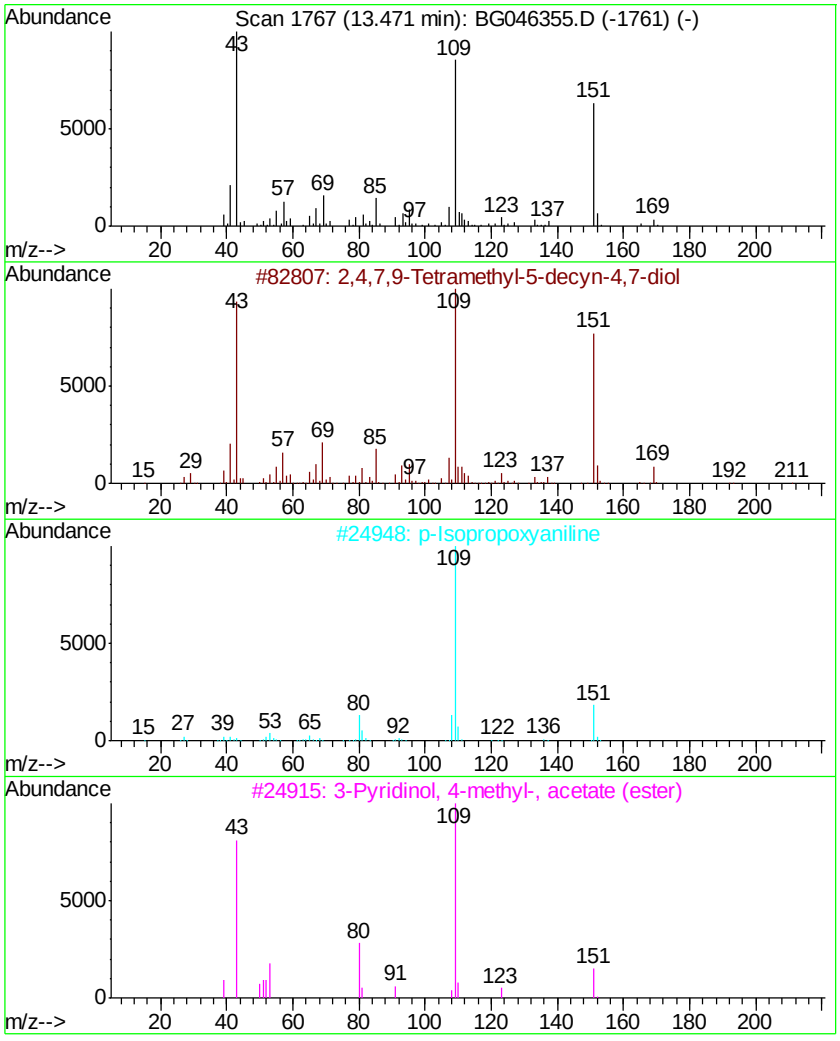
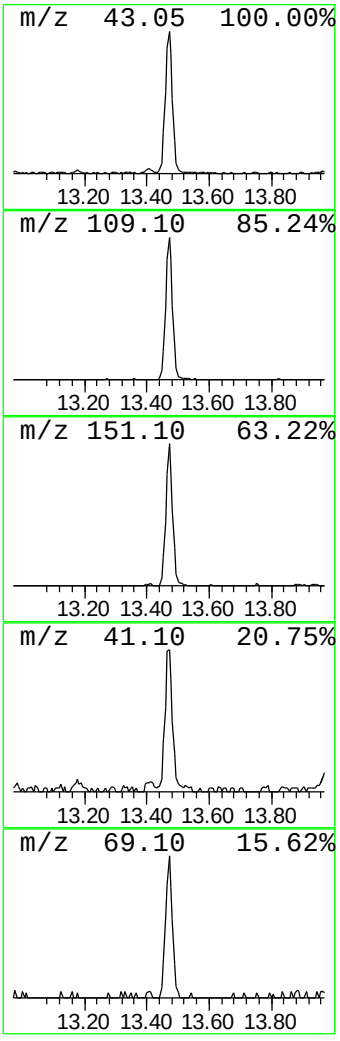
Peak Number 9 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	4.09 ng/ul	231883	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	64
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
4	1,4-dihydroxy-p-menth-2-ene	170	C10H18O2	1000374-16-9	47
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	43





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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Quant Title : SVOA CALIBRATION

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

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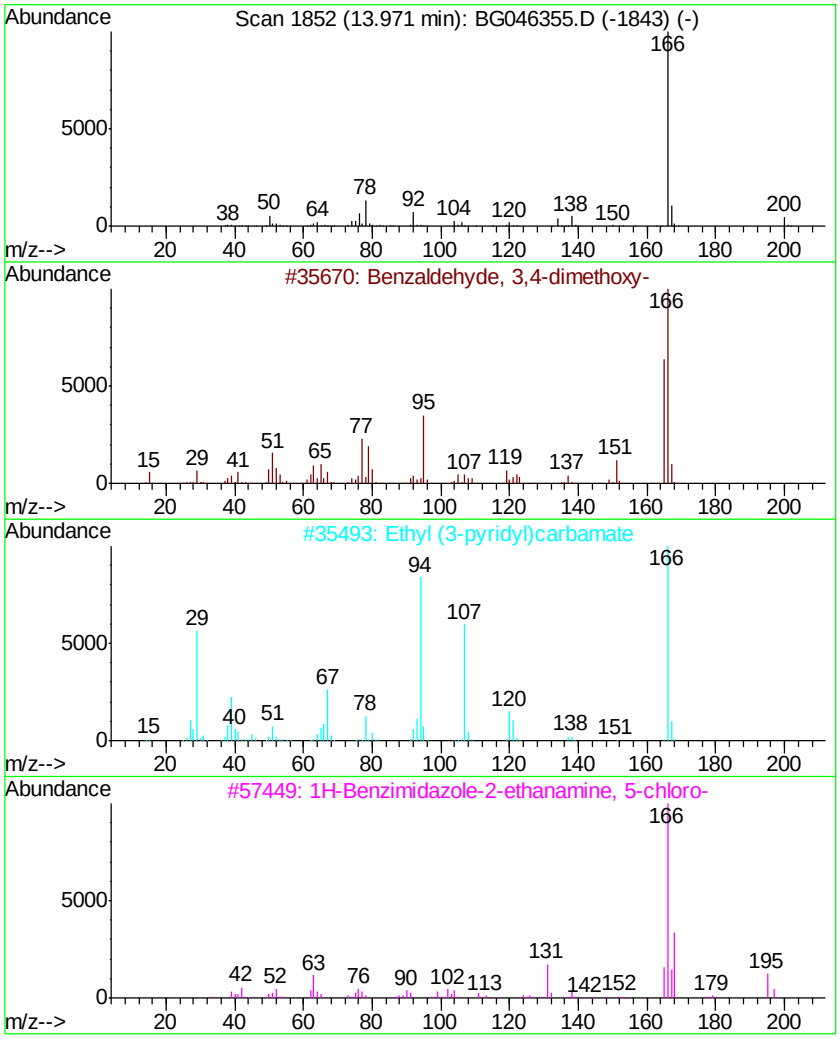
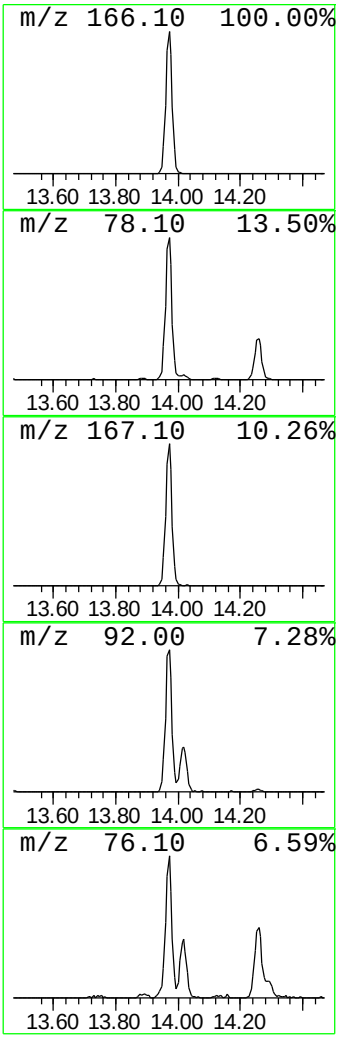
Peak Number 10 unknown-06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	14.31 ng/ul	811944	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	42
3	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
4	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
5	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38





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Sample : L3633-10
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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Quant Title : SVOA CALIBRATION

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

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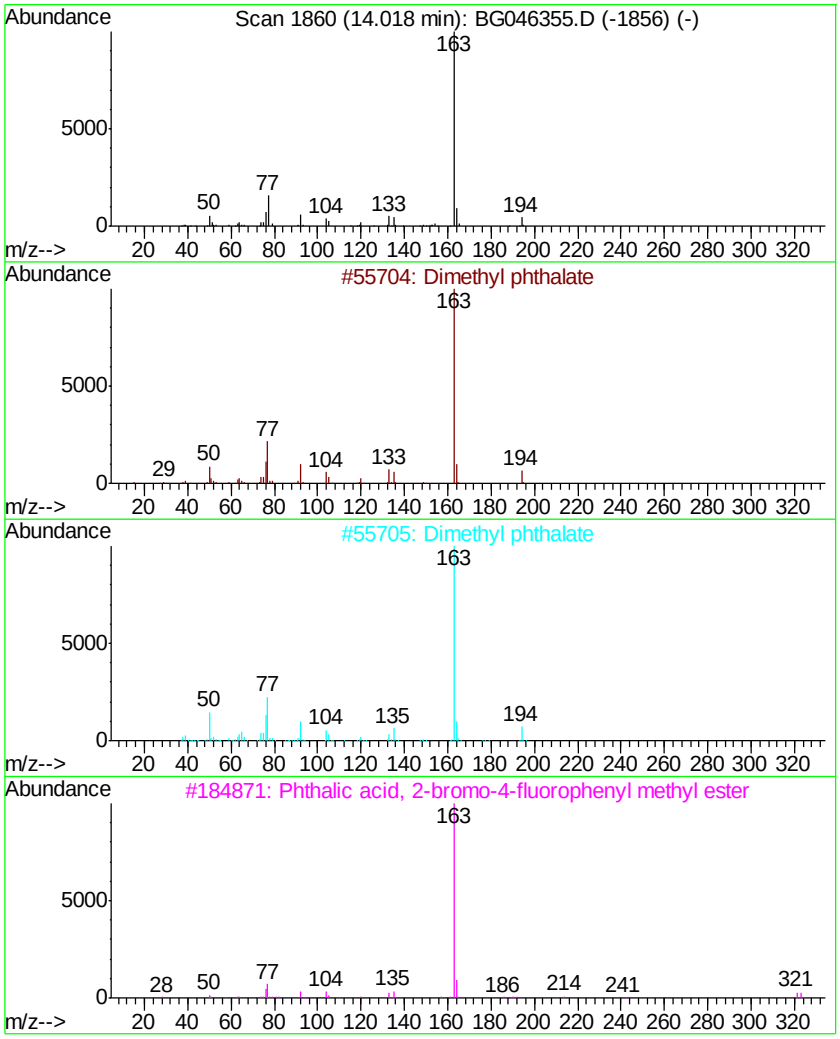
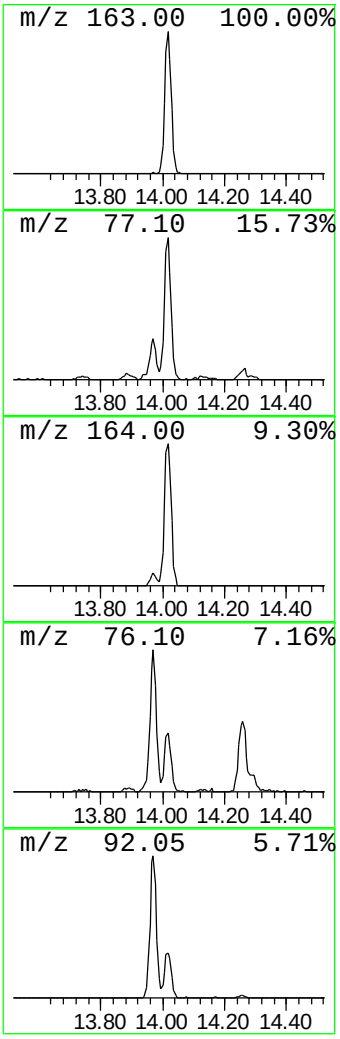
Peak Number 11 Dimethyl phthalate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	4.92 ng/ul	279024	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	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	78
4	Phthalic acid, 4-chloro-3-methyl...	304	C16H13ClO4	1000315-71-2	74
5	Phthalic acid, 4-bromophenyl met...	334	C15H11BrO4	1000315-66-6	74





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Misc :
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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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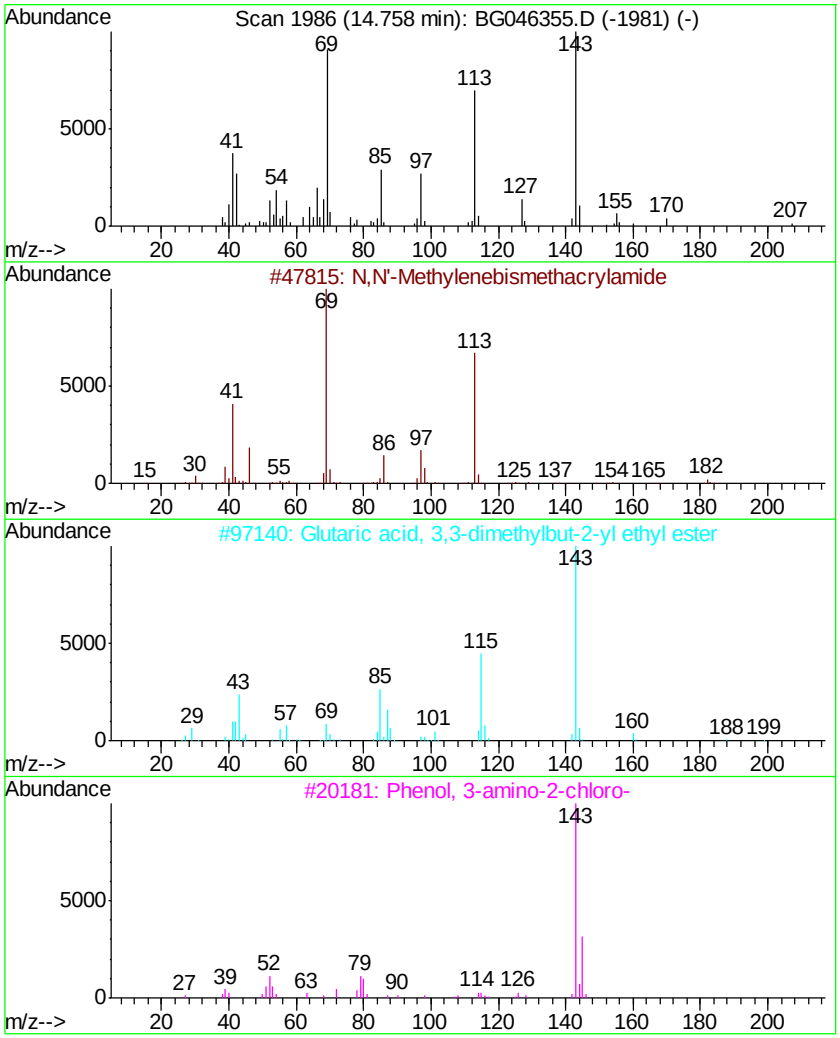
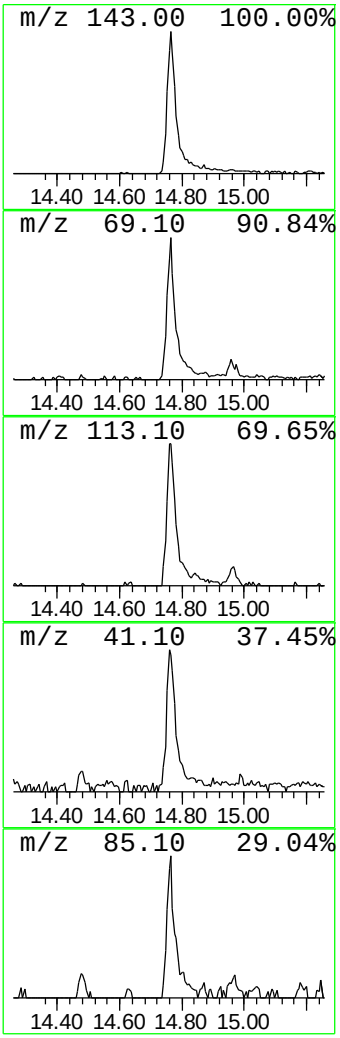
Peak Number 12 unknown-07 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.93 ng/ul	166231	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	32
2	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	16
3	Phenol, 3-amino-2-chloro-	143	C6H6ClNO	056962-01-7	14
4	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	14
5	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	14





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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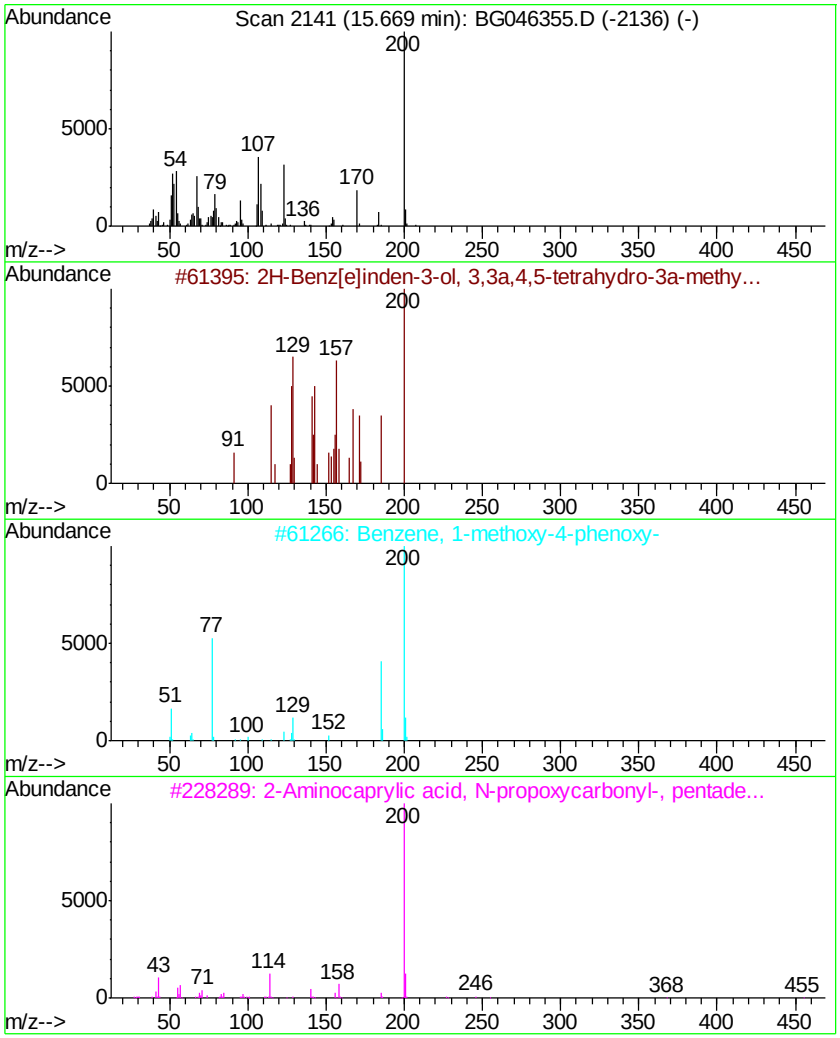
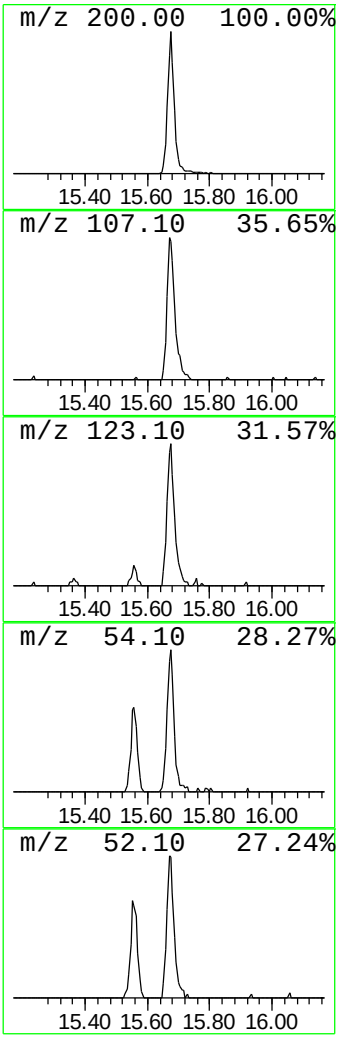
Peak Number 13 unknown-08 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	5.62 ng/ul	318927	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	38
2	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	14
3	2-Aminocaprylic acid, N-propoxyc...	455	C27H53NO4	1000325-43-1	14
4	7,8-Dimethylfurazano[f]quinoxaline	200	C10H8N4O	1000110-74-6	14
5	6-Phenyl-1,6-dihydro-furo[3,4-d]...	200	C11H8N2O2	313263-12-6	12





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ClientSampleId : BFMD8

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Quant Title : SVOA CALIBRATION

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

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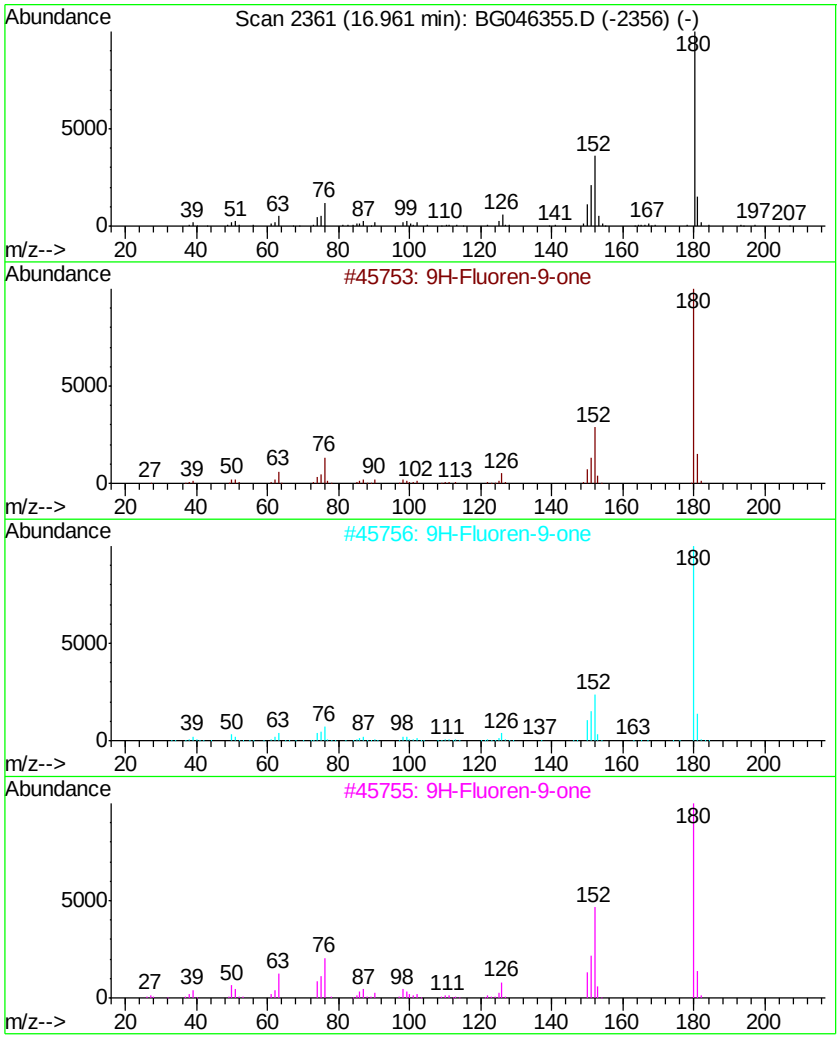
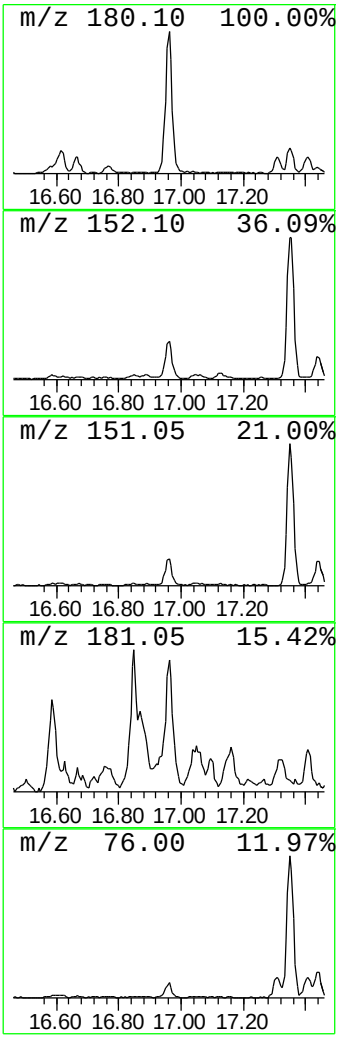
Peak Number 14 9H-Fluoren-9-one Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	2.62 ng/ul	178951	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64





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Quant Title : SVOA CALIBRATION

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

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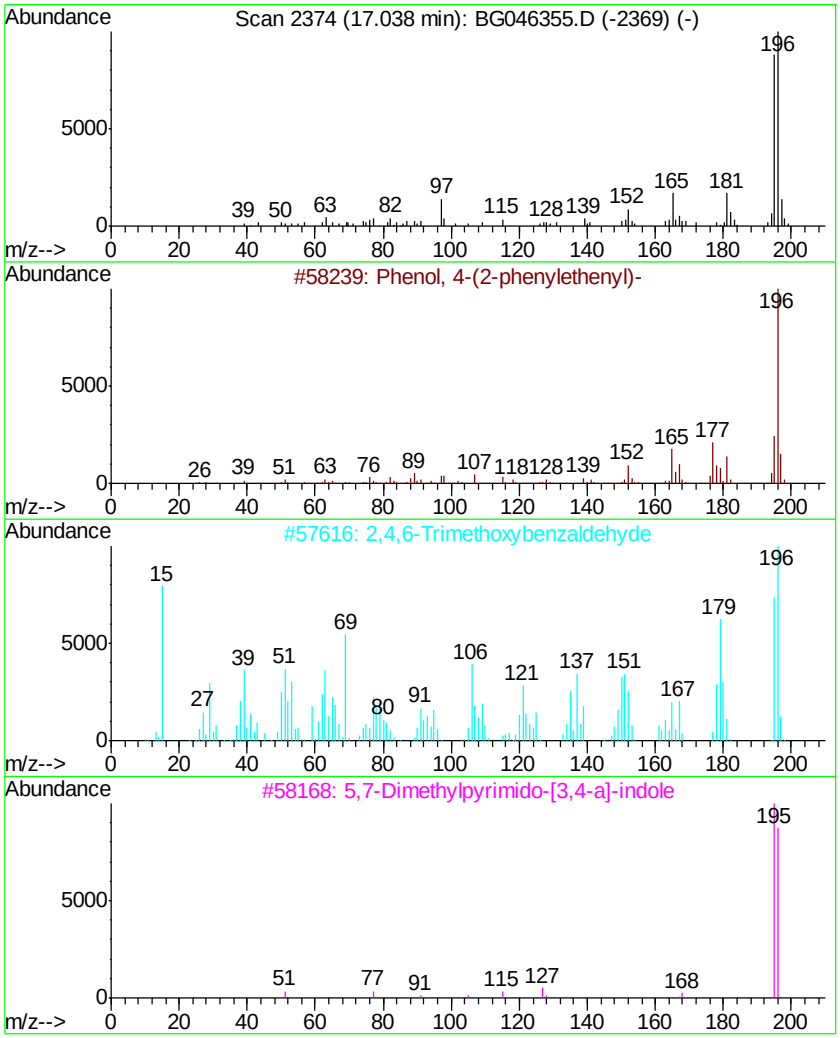
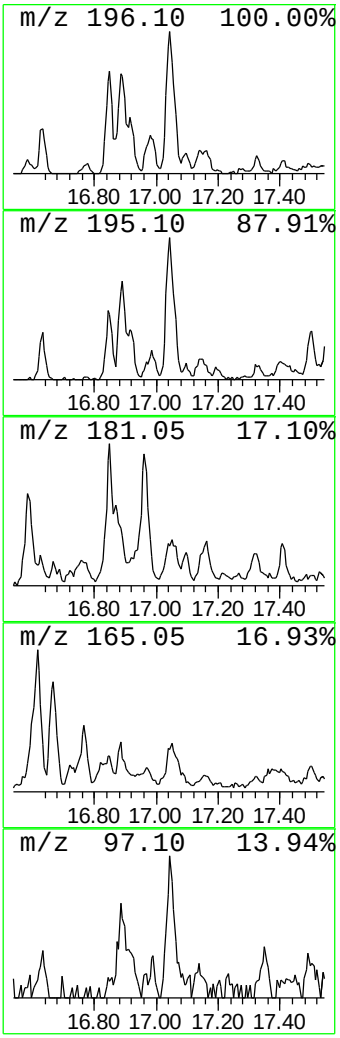
Peak Number 15 Phenol, 4-(2-phenylethenyl)- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	2.28 ng/ul	156175	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	62
2	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	58
3	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	58
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	58





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Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
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Instrument : BNA_G
ClientSampleId : BFMD8

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Quant Title : SVOA CALIBRATION

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

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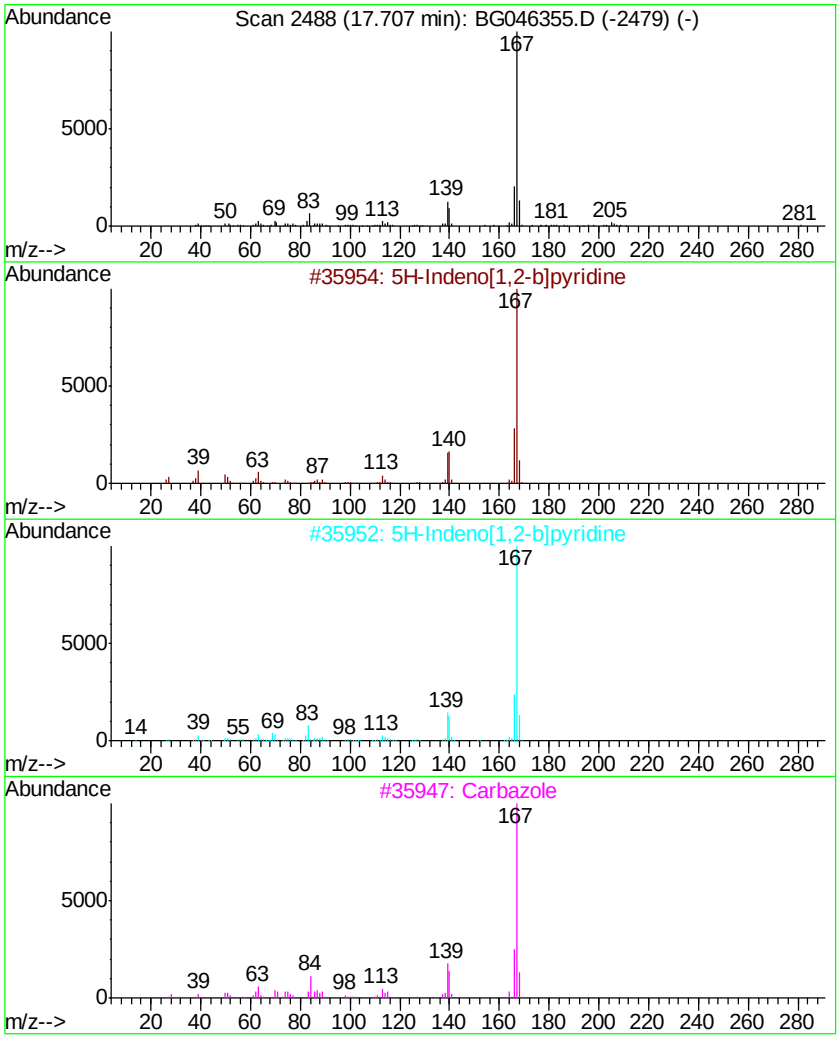
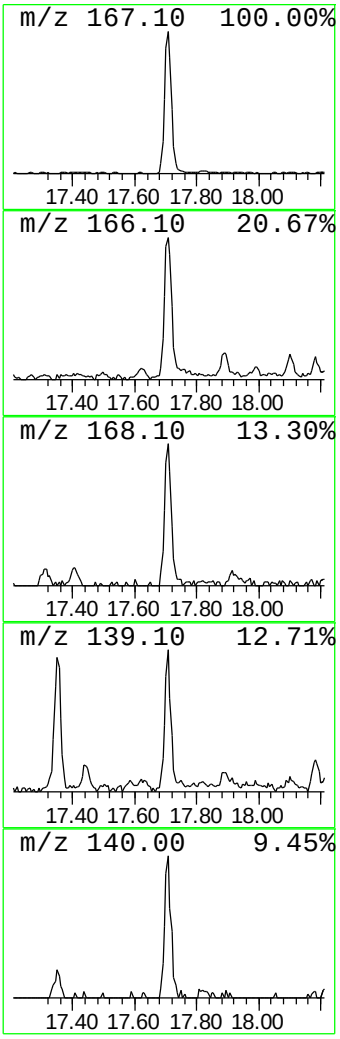
Peak Number 16 5H-Indeno[1,2-b]pyridine Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	2.98 ng/ul	203569	Phenanthrene-d10	17.31

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





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ClientSampleId : BFMD8

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Quant Title : SVOA CALIBRATION

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

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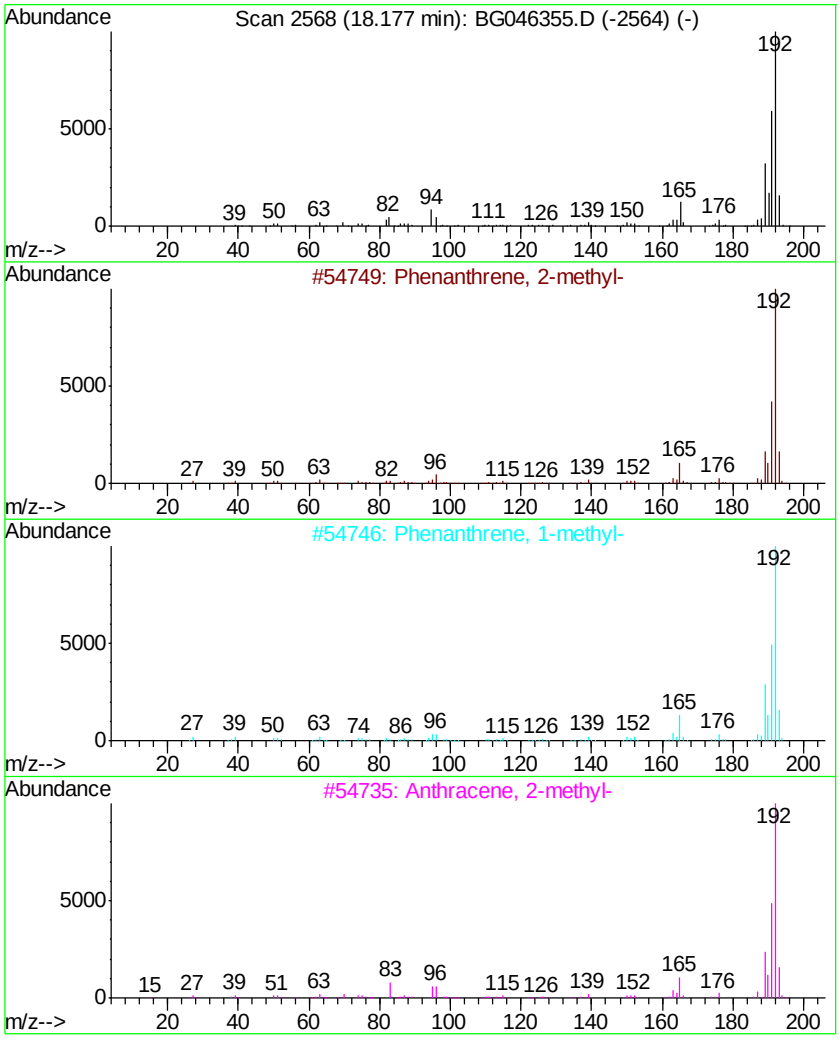
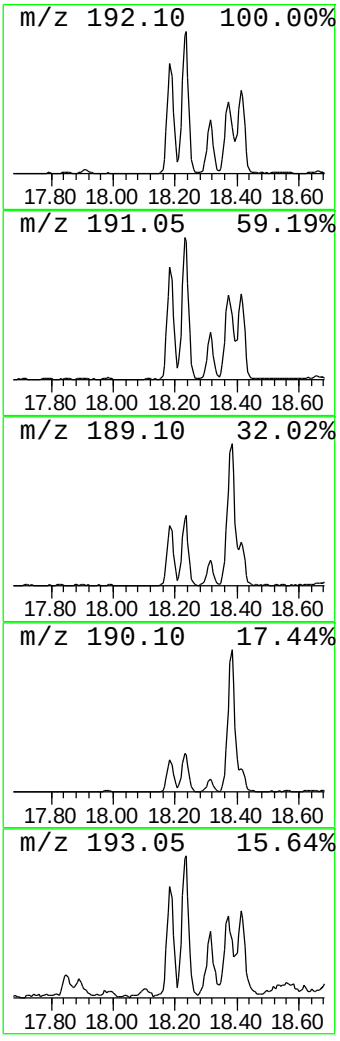
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	5.83 ng/ul	398775	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, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Instrument : BNA_G
ClientSampleId : BFMD8

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Quant Title : SVOA CALIBRATION

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

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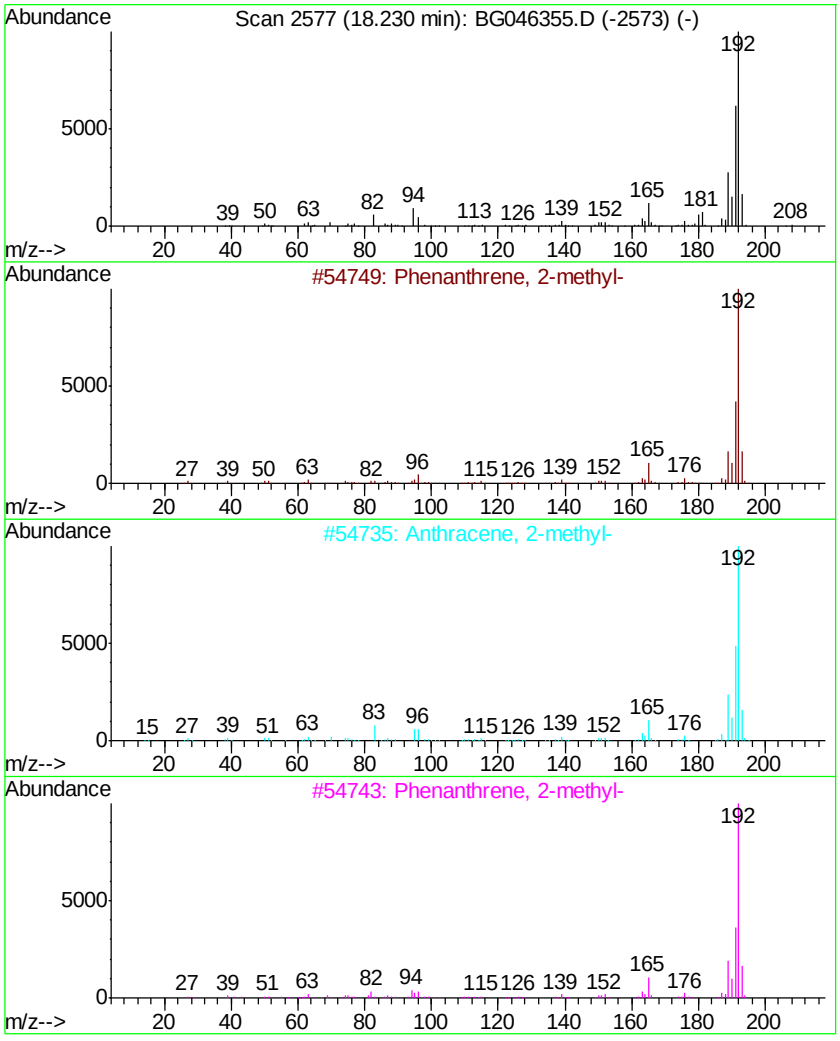
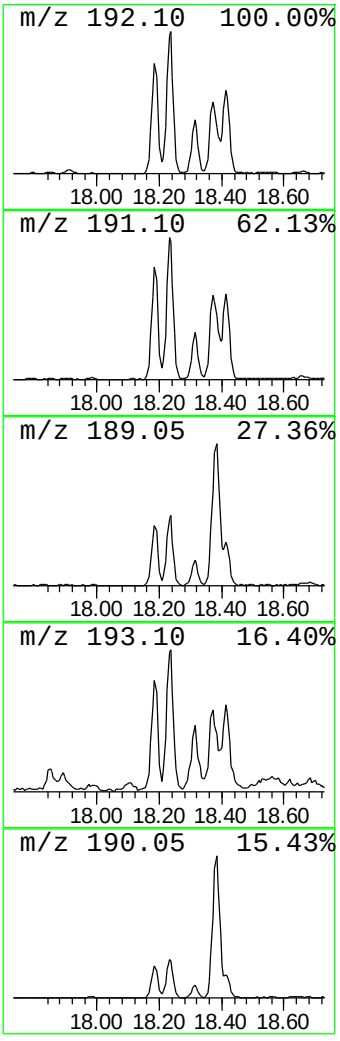
Peak Number 18 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	8.12 ng/ul	555360	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Instrument : BNA_G
ClientSampleId : BFMD8

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Quant Title : SVOA CALIBRATION

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

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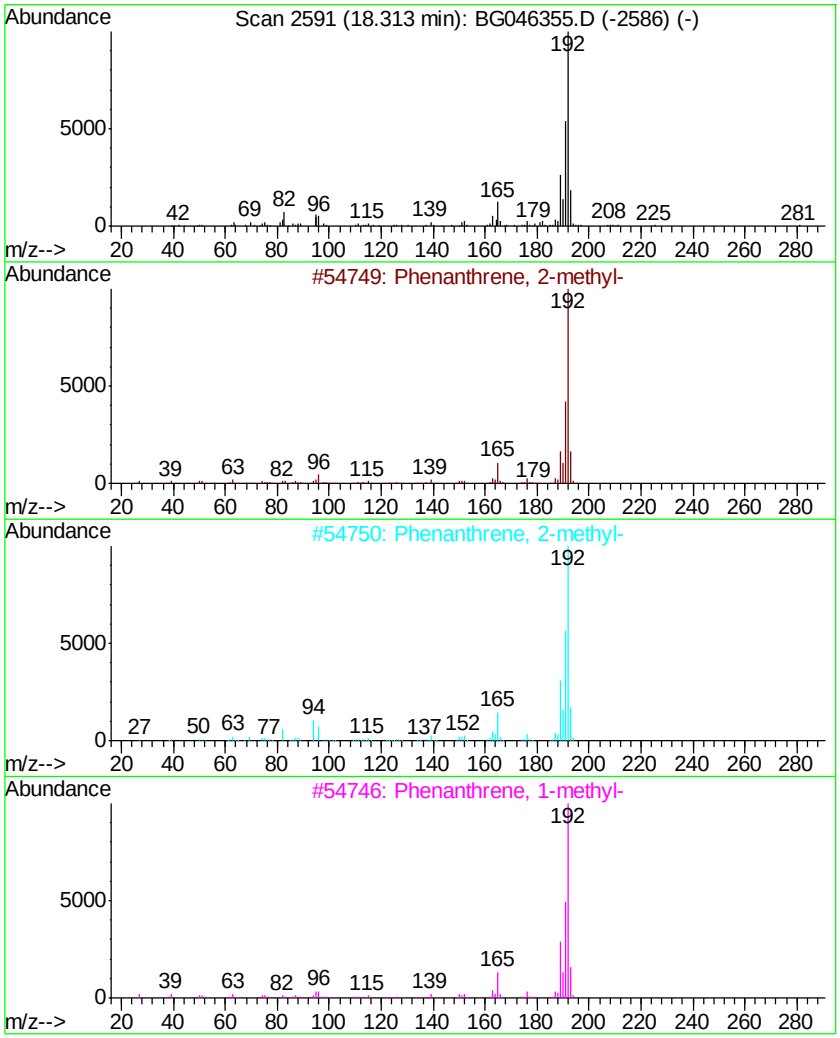
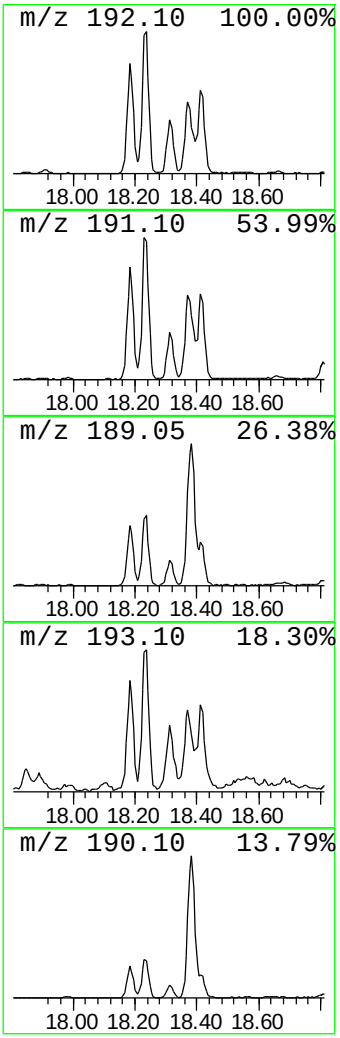
Peak Number 19 Phenanthrene, 1-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.42 ng/ul	165110	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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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Quant Title : SVOA CALIBRATION

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

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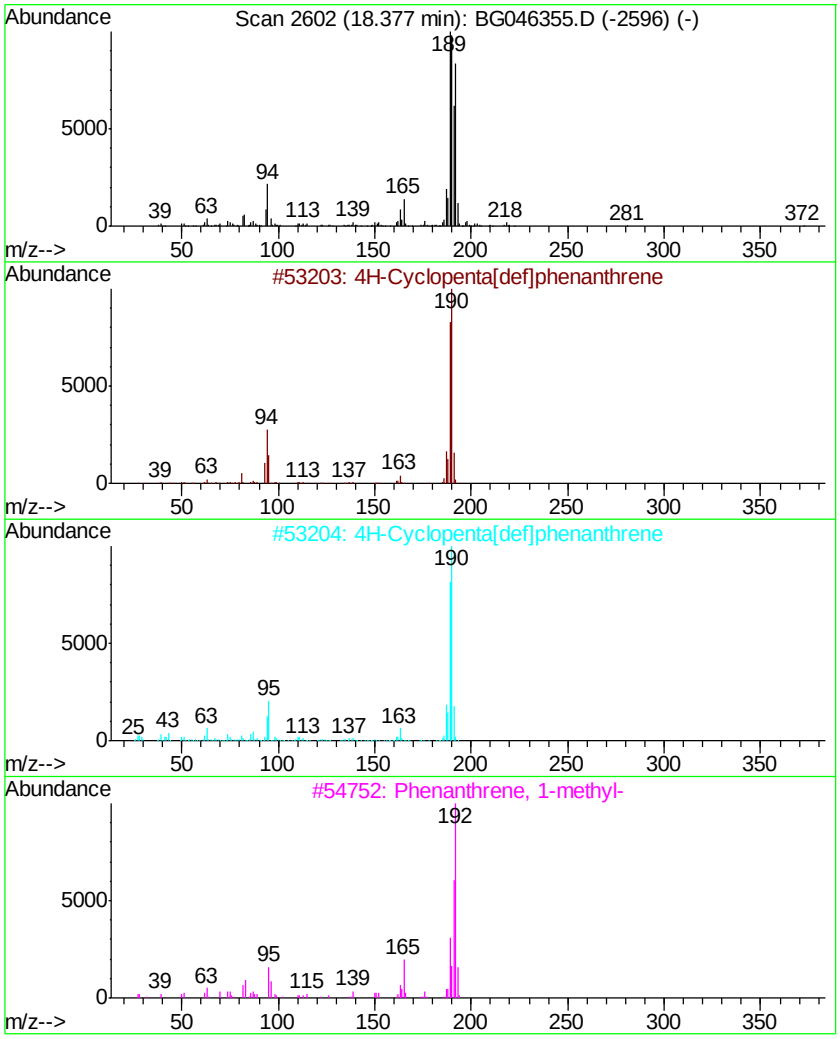
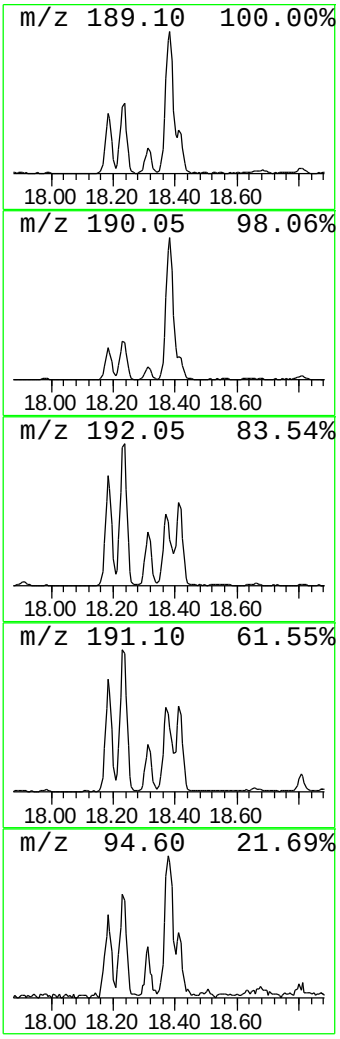
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	8.25 ng/ul	563681	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Misc :
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ClientSampleId : BFMD8

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Quant Title : SVOA CALIBRATION

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

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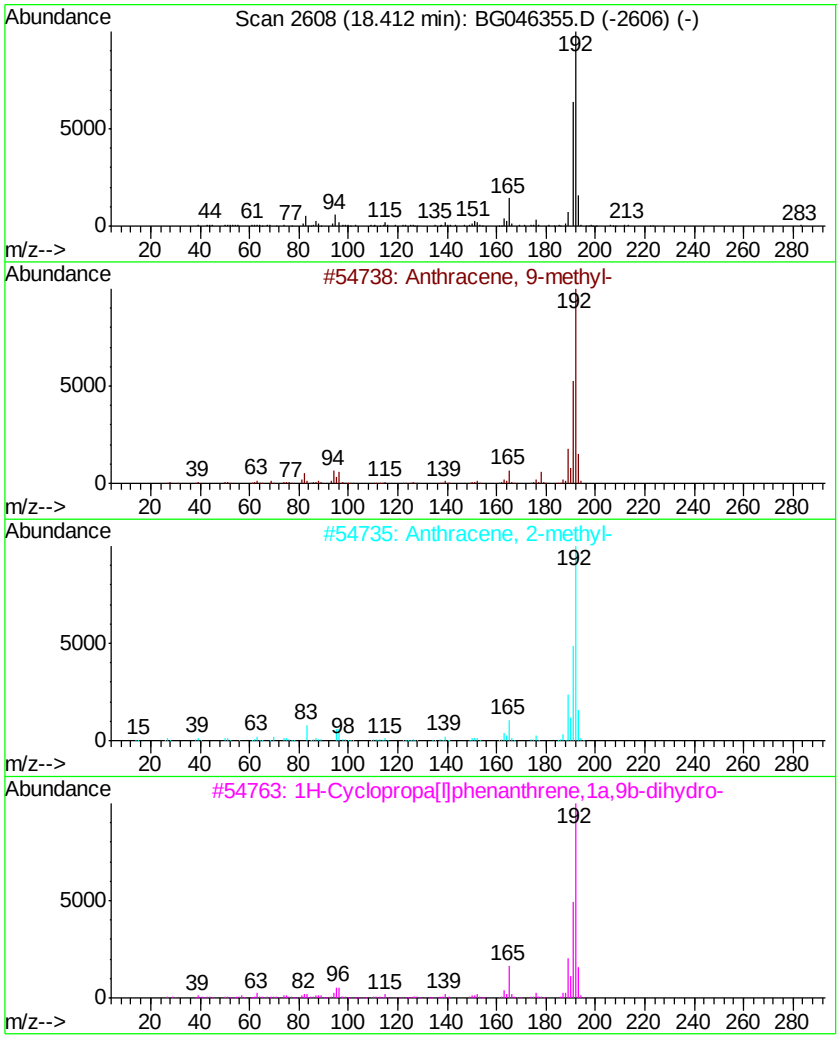
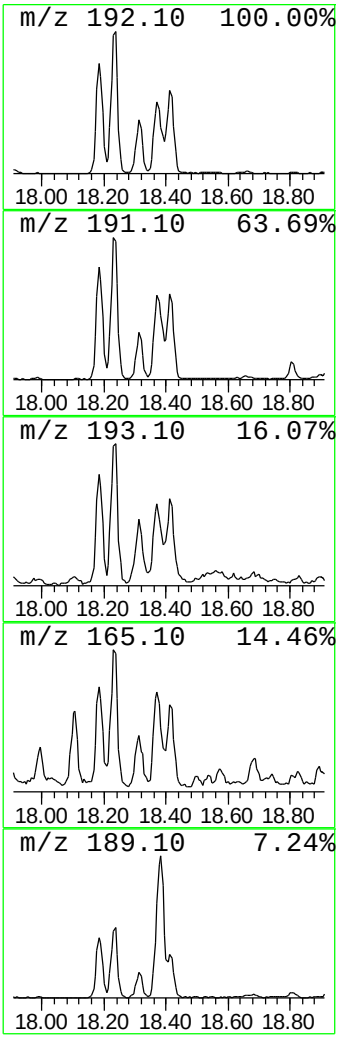
Peak Number 21 Anthracene, 9-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.45 ng/ul	235638	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Instrument : BNA_G
ClientSampleId : BFMD8

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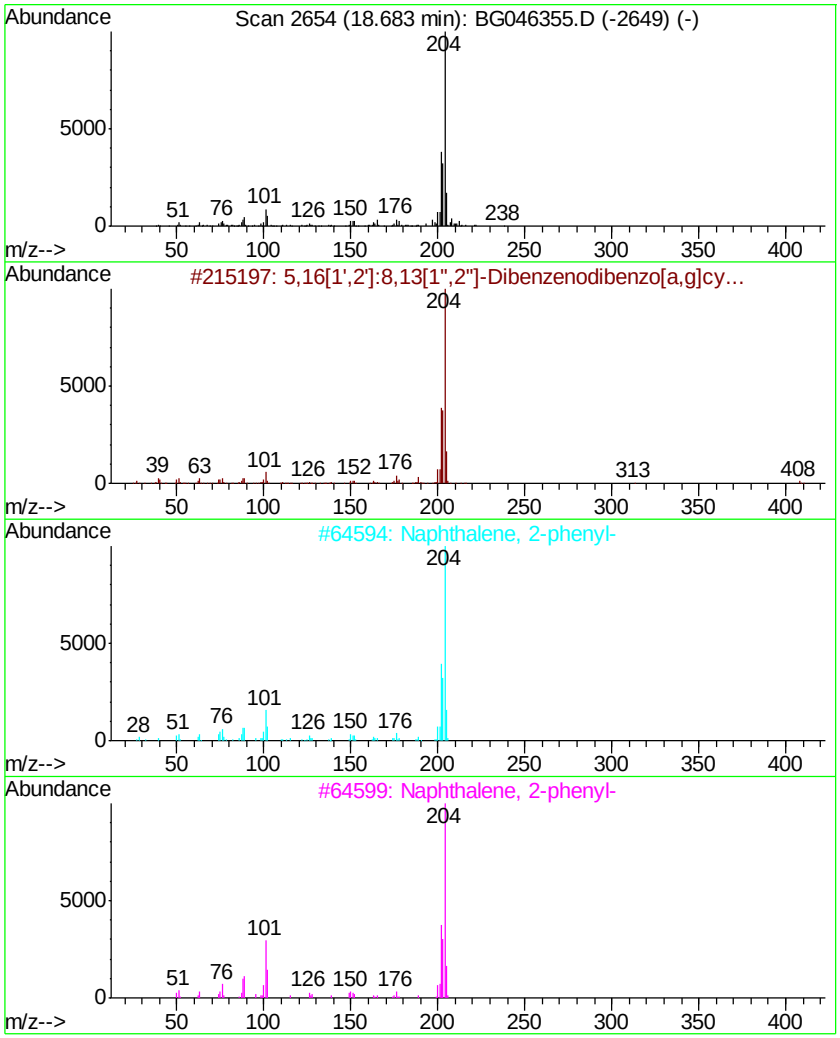
Quant Title : SVOA CALIBRATION

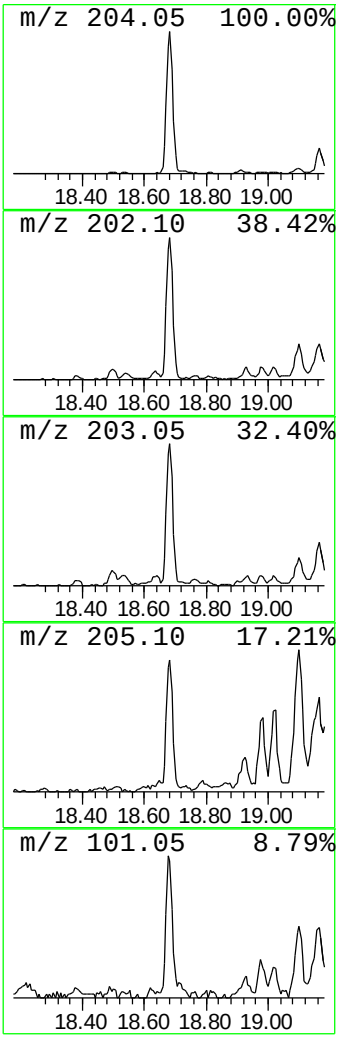
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	4.26 ng/ul	291015	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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Quant Title : SVOA CALIBRATION

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

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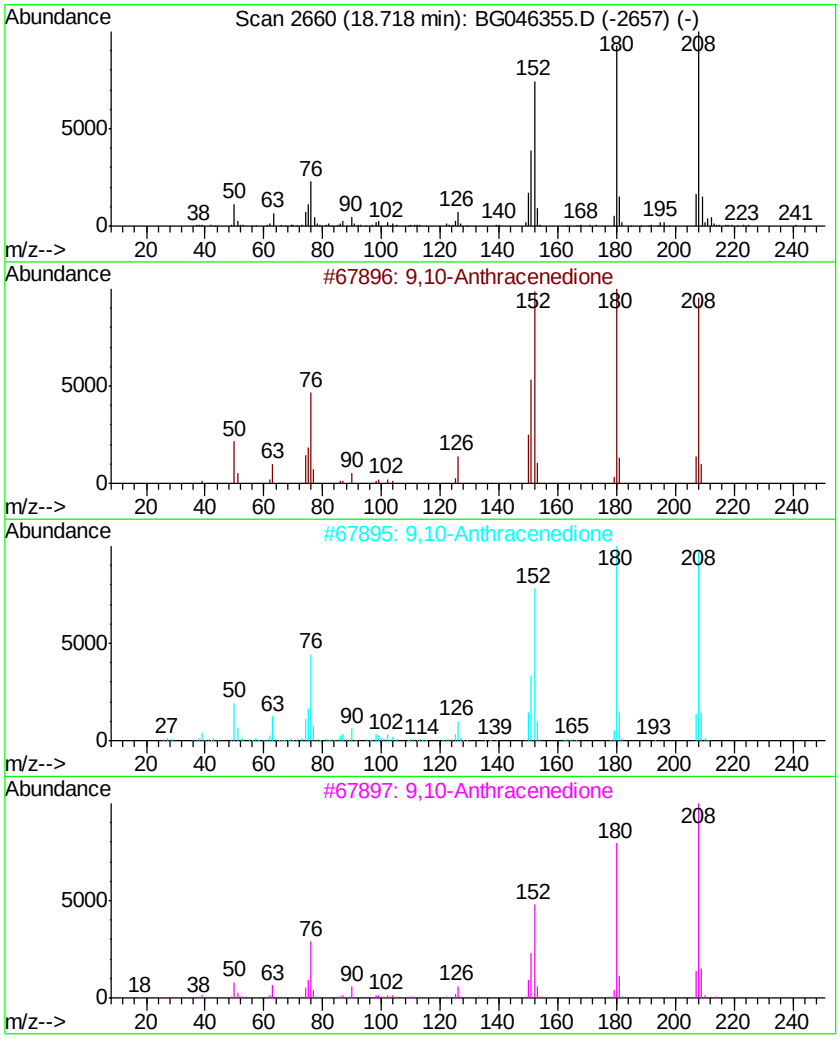
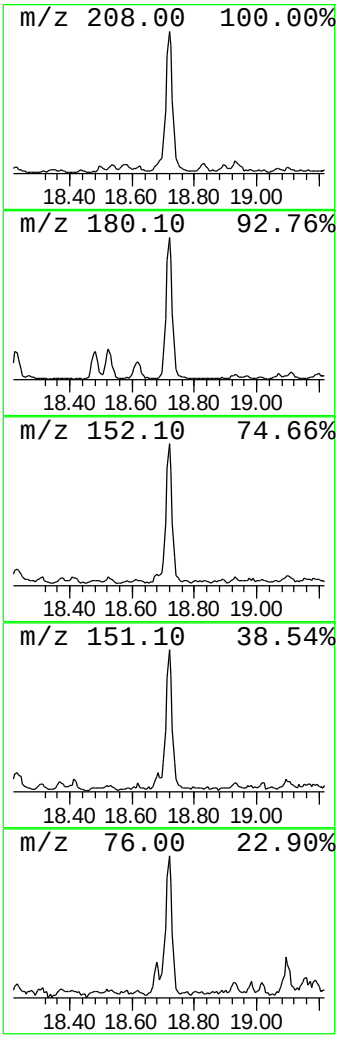
Peak Number 23 9,10-Anthracenedione Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	3.99 ng/ul	272871	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Quant Title : SVOA CALIBRATION

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

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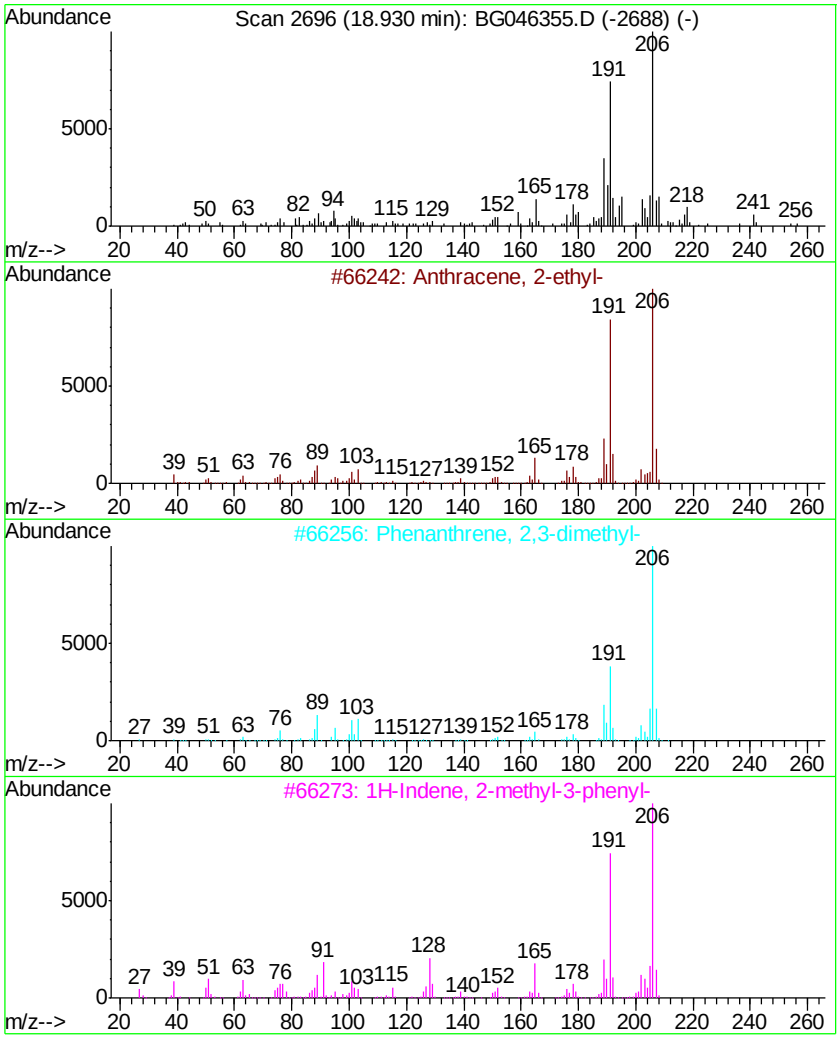
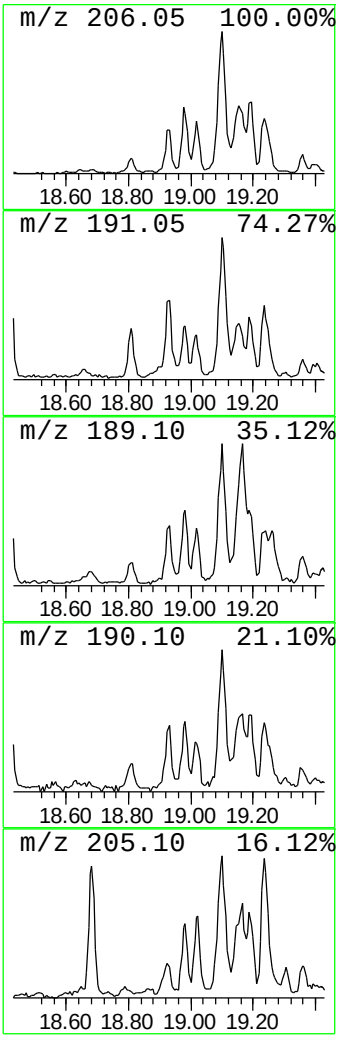
Peak Number 24 Anthracene, 2-ethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.26 ng/ul	154424	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87





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Quant Title : SVOA CALIBRATION

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

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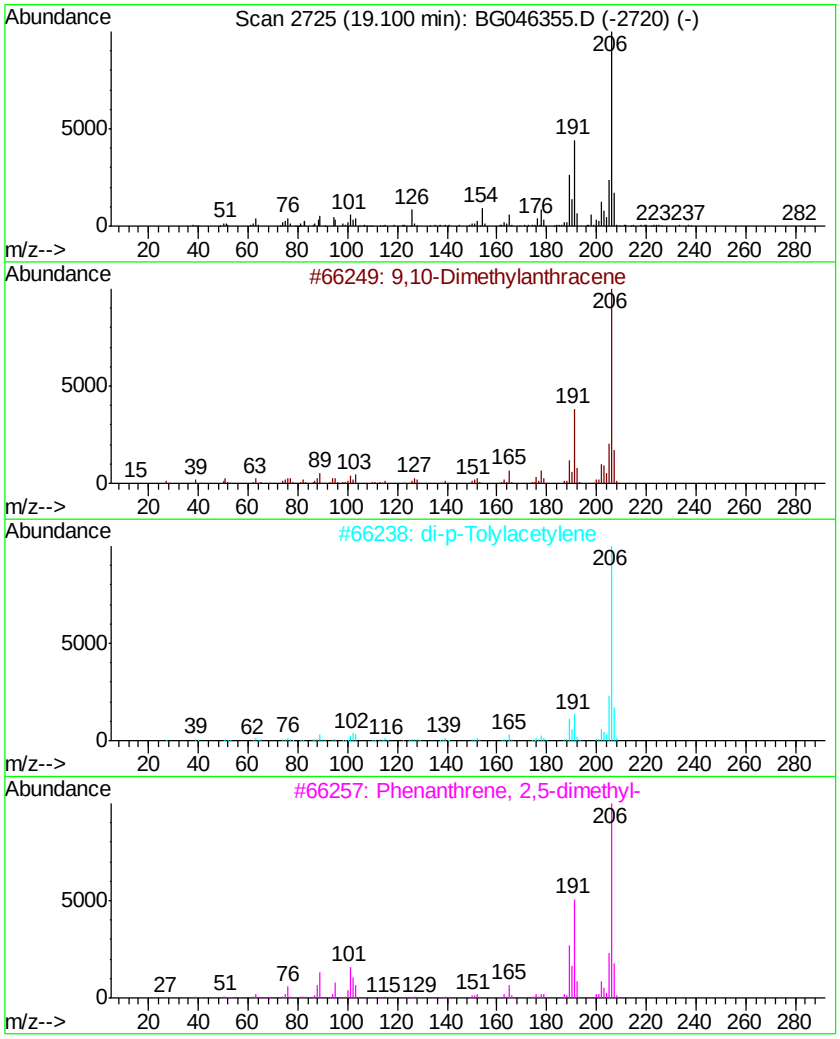
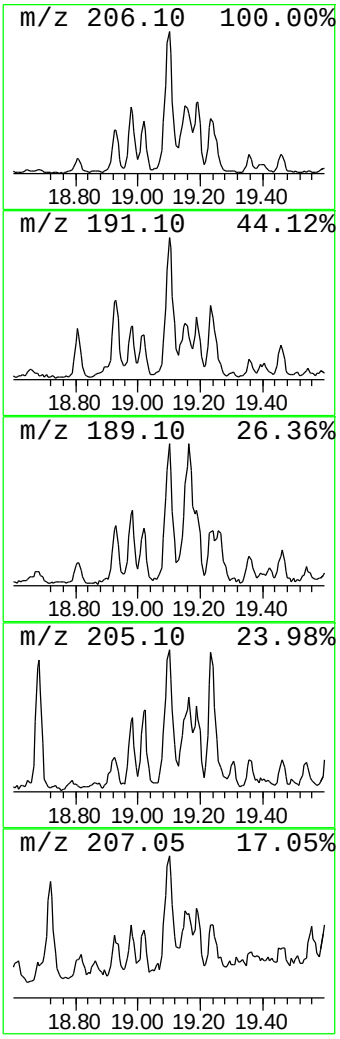
Peak Number 25 9,10-Dimethylanthracene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	5.09 ng/ul	347751	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89





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Quant Title : SVOA CALIBRATION

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

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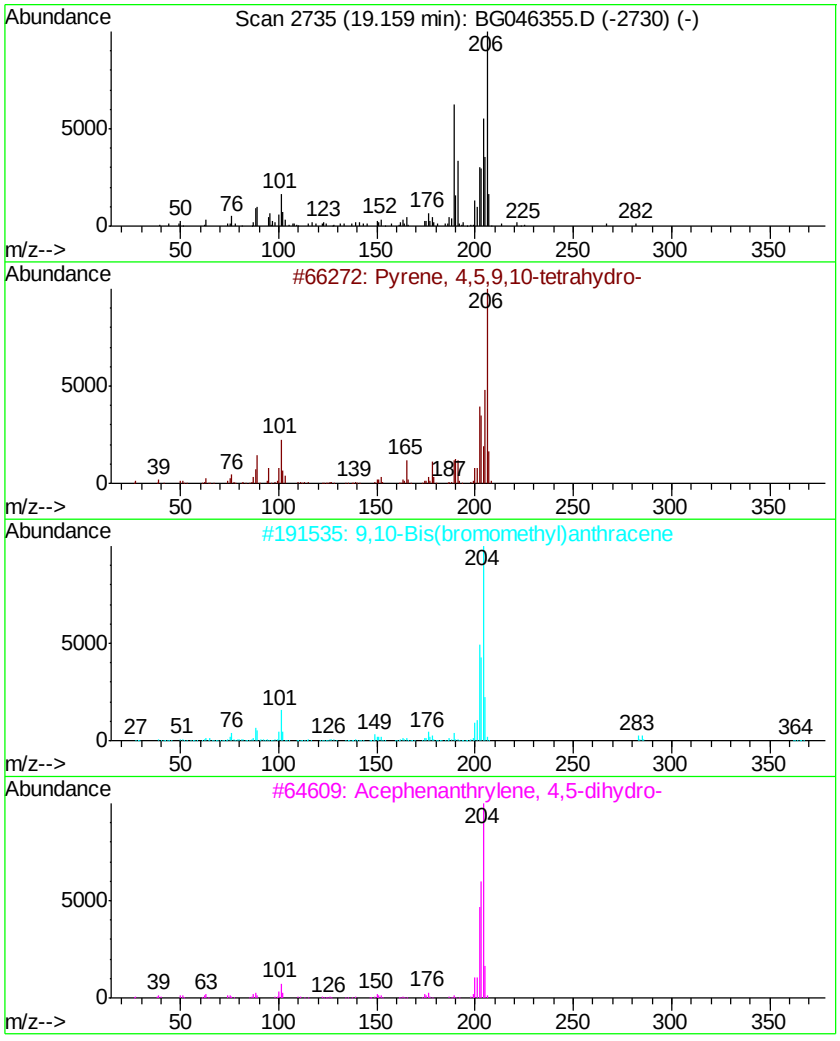
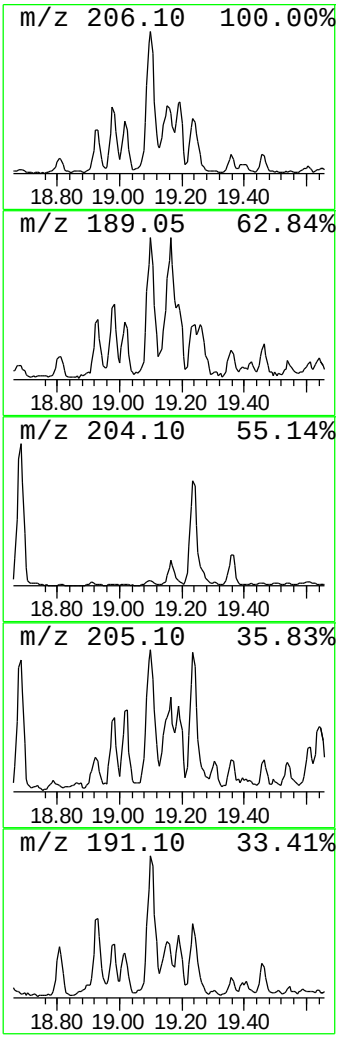
Peak Number 26 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.57 ng/ul	243870	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	55
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	35
5	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	30





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Instrument : BNA_G
ClientSampleId : BFMD8

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

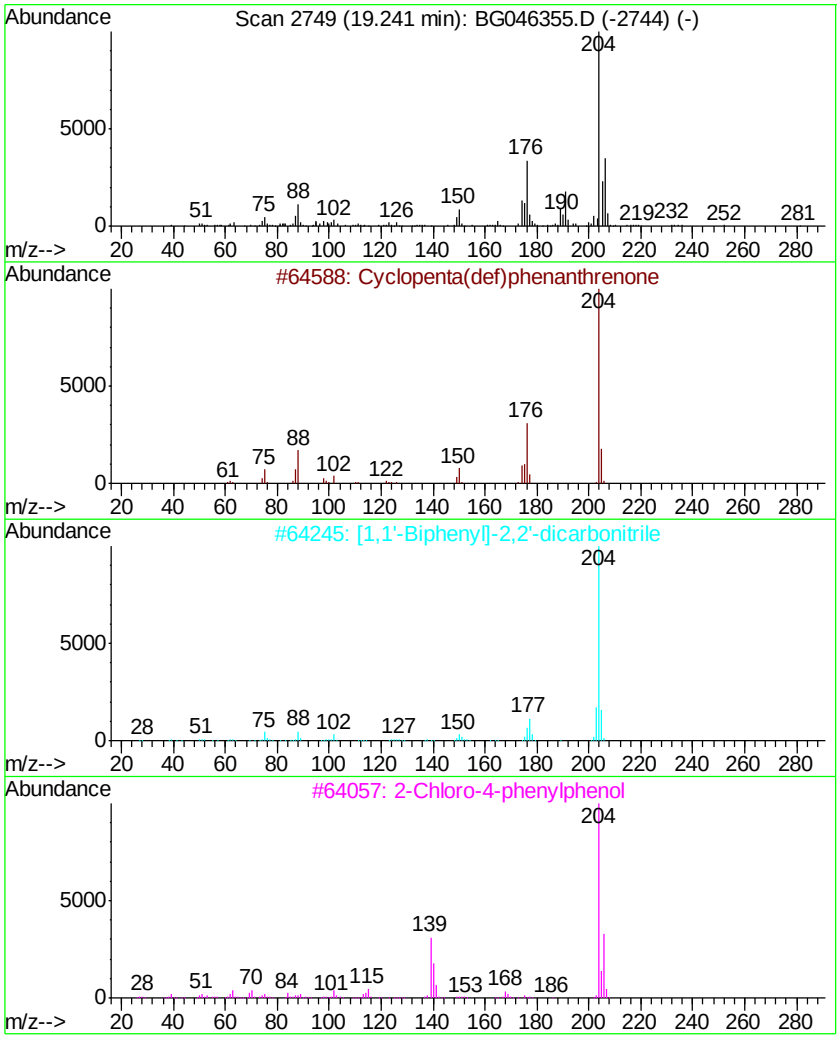
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

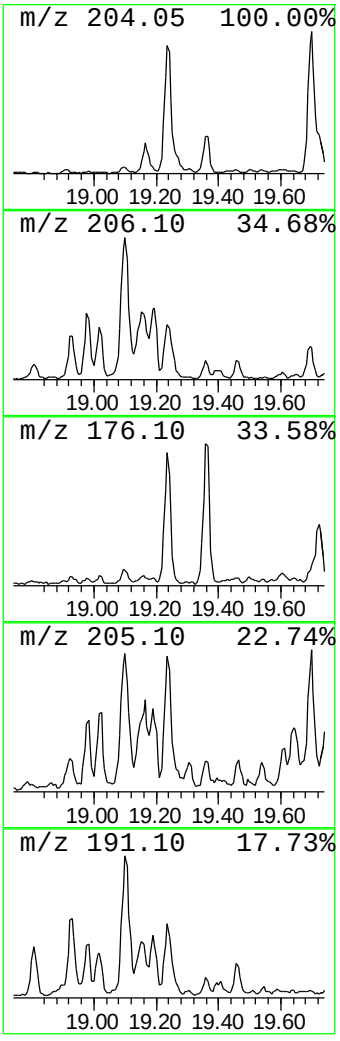
****

Peak Number 27 Cyclopenta(def)phenanthrenone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	4.86 ng/ul	331911	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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

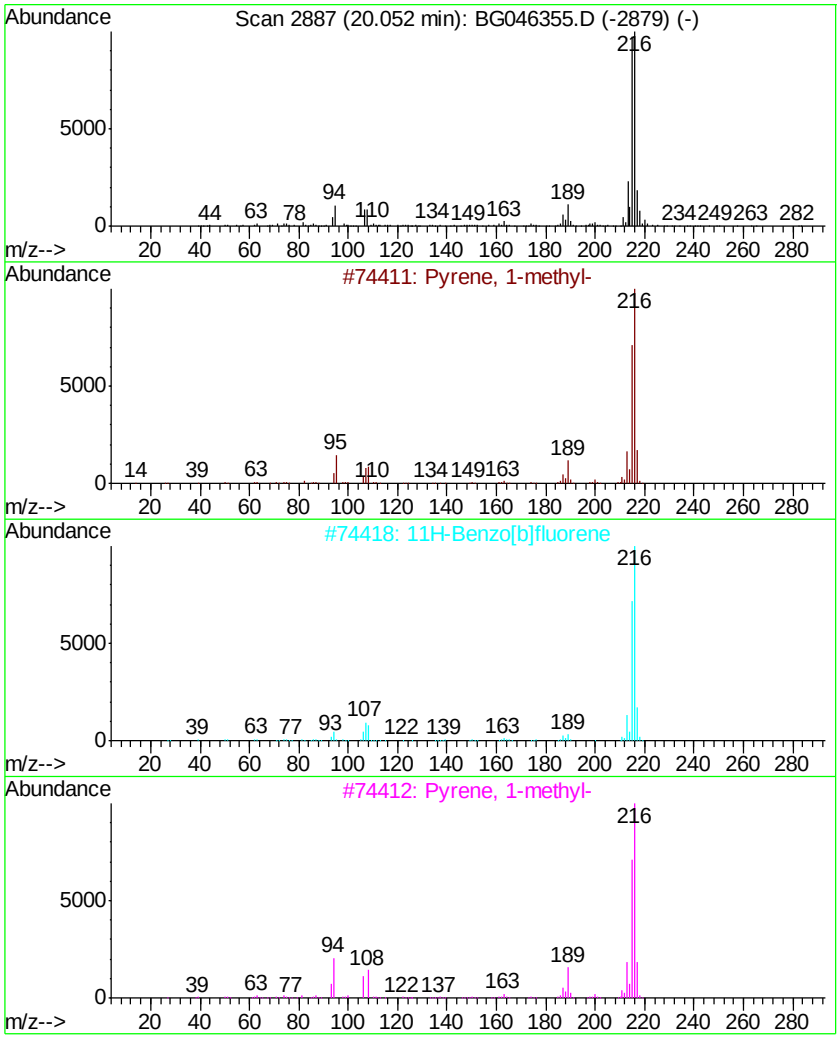
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

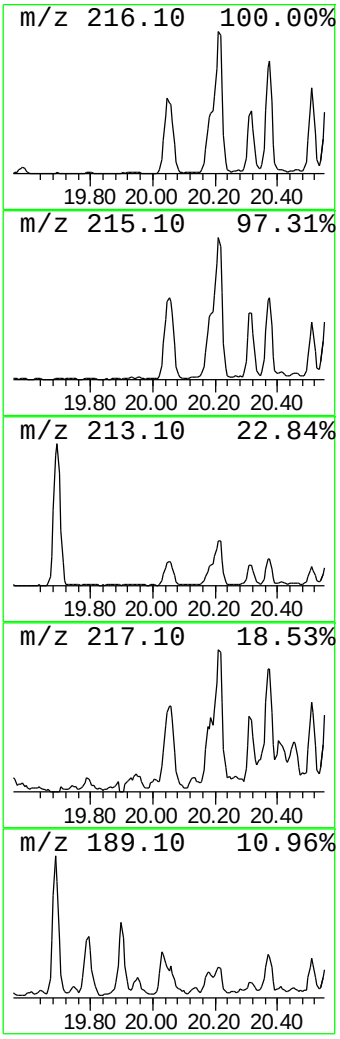
****

Peak Number 28 Pyrene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	3.33 ng/ul	614350	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Library Search Compound Report

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Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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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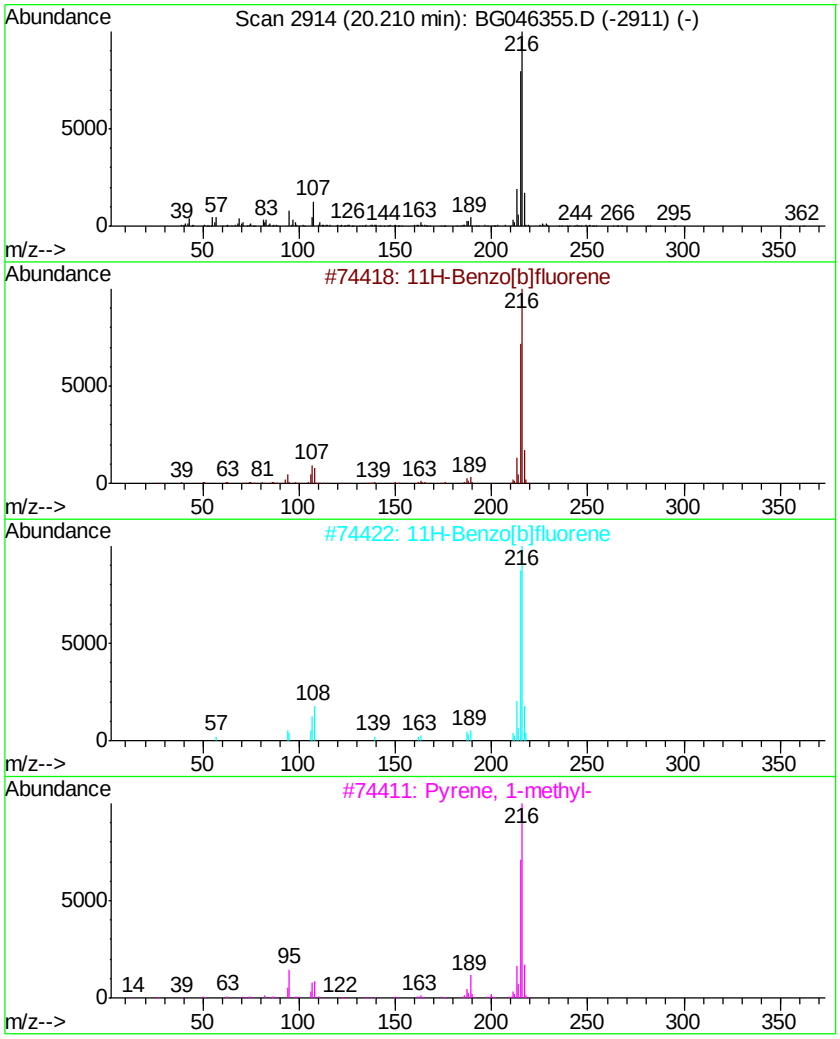
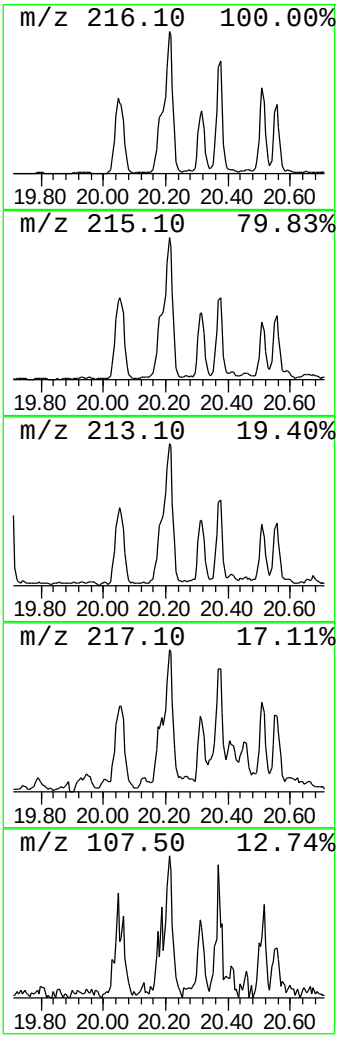
Peak Number 29 11H-Benzo[b]fluorene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.42 ng/ul	446588	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





Library Search Compound Report

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Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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

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

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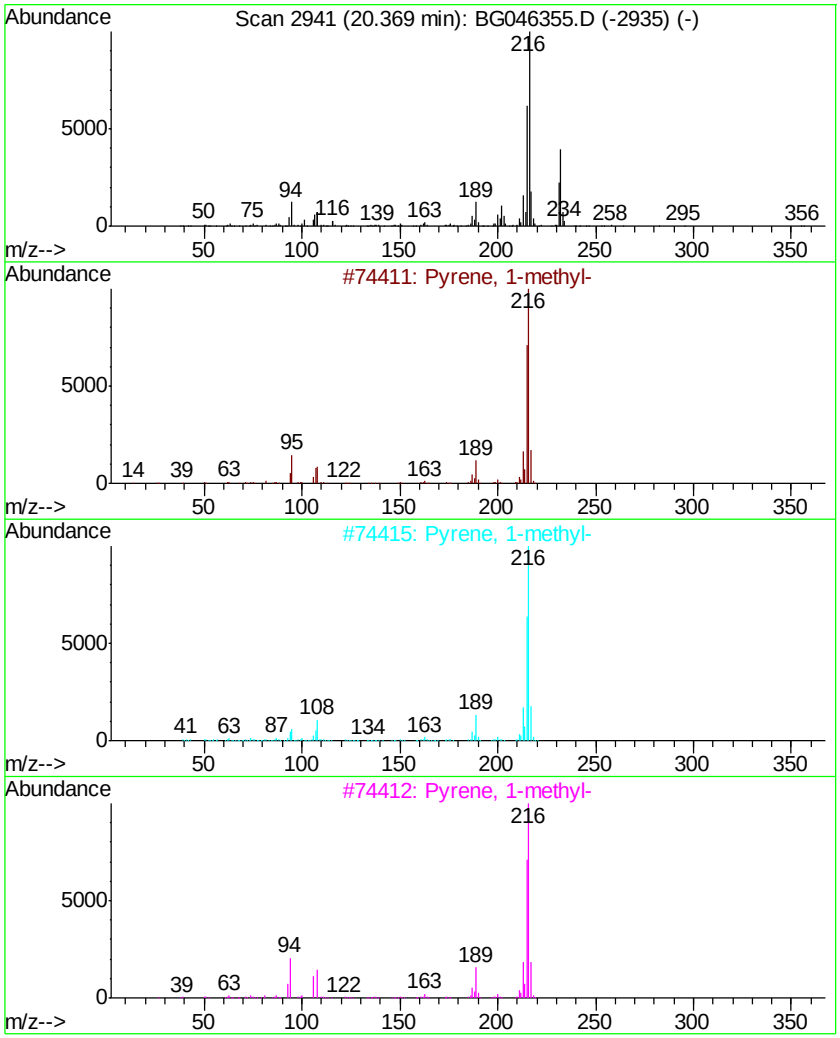
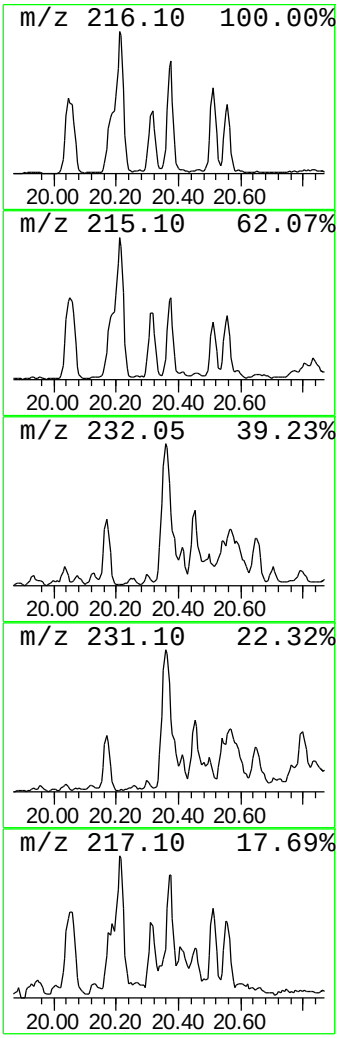
Peak Number 30 Pyrene, 2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.82 ng/ul	519786	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87





Library Search Compound Report

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Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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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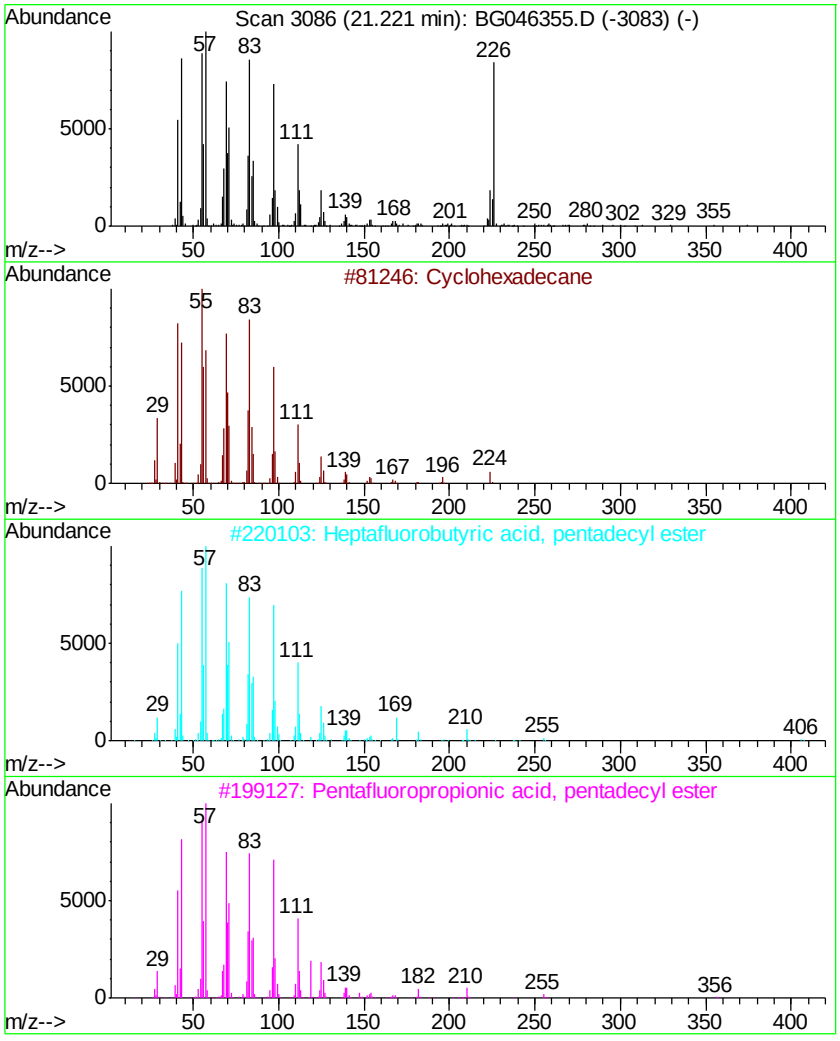
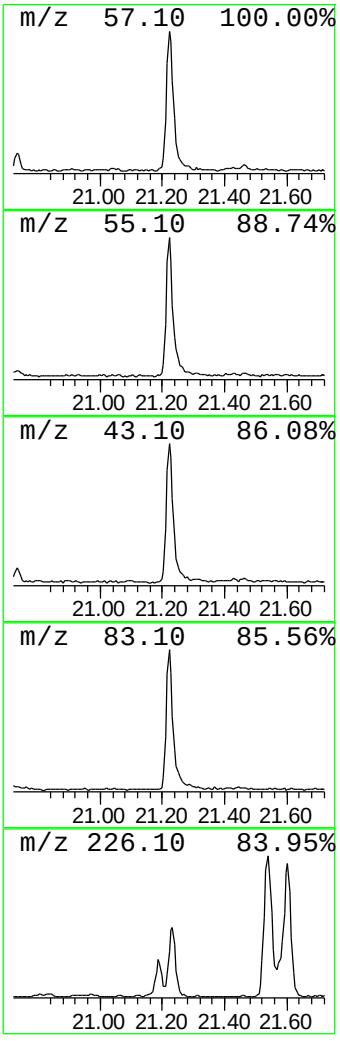
Peak Number 33 (DEL) Alkane: Cyclic21.22 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	5.96 ng/ul	1099690	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	90
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90





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Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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

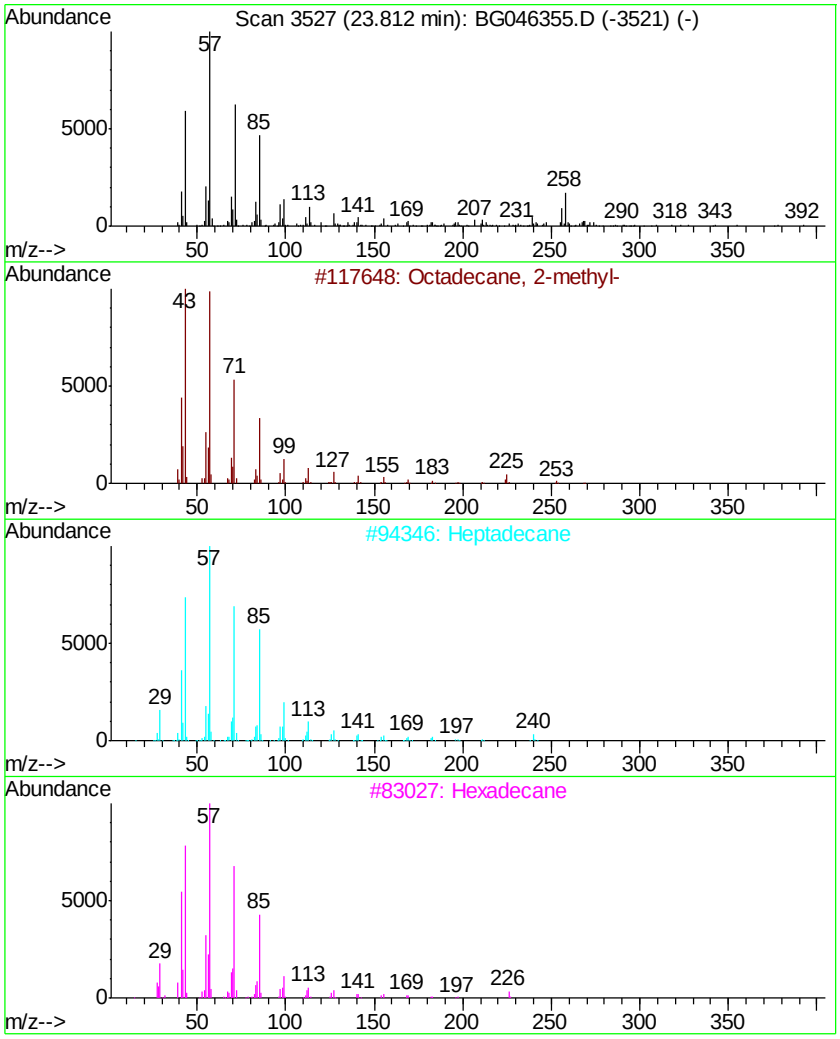
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

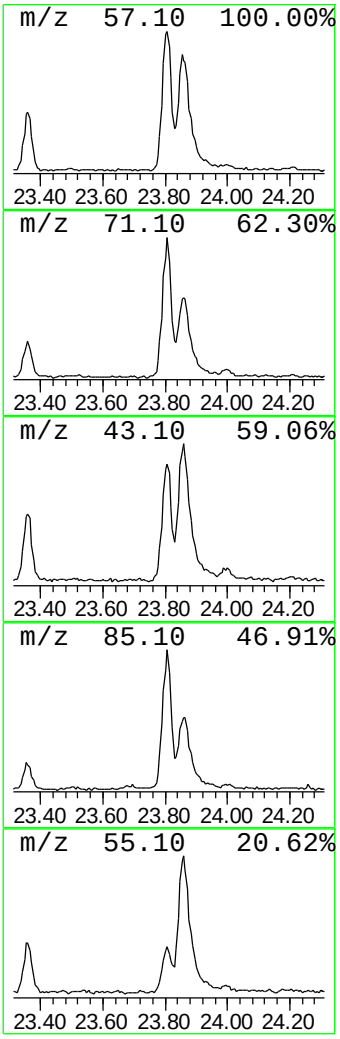
****

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	3.55 ng/ul	278577	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Tetracosane	338	C24H50	000646-31-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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

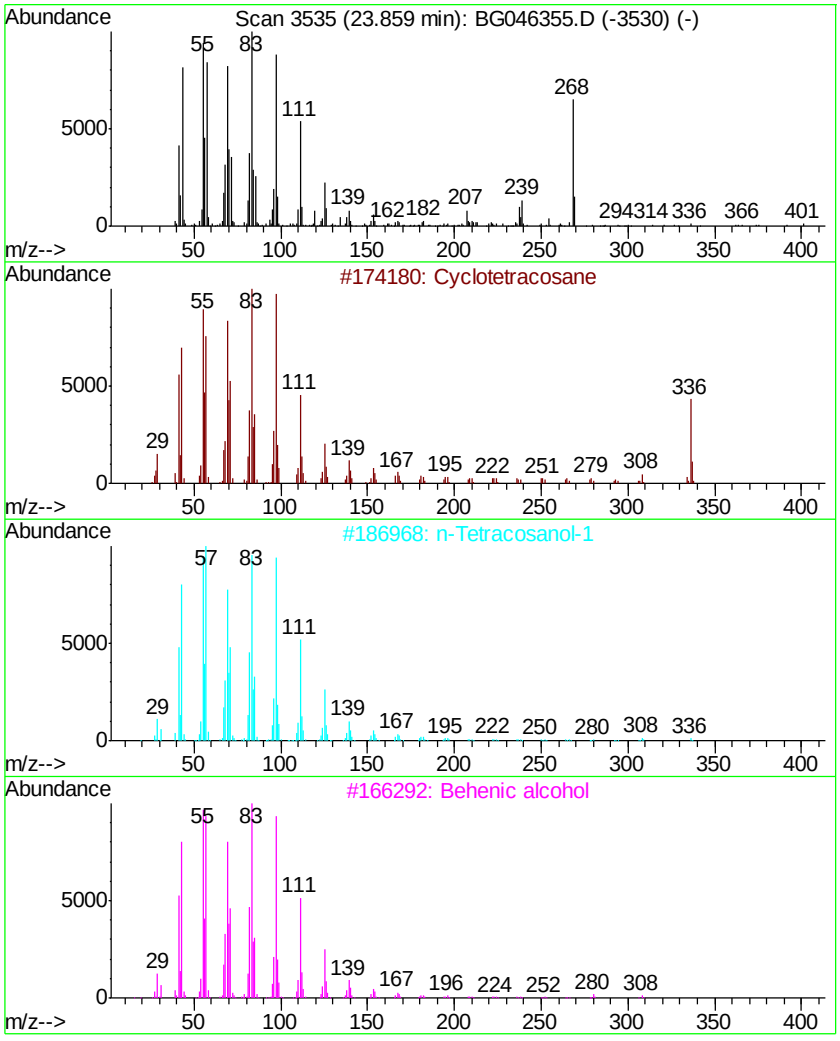
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

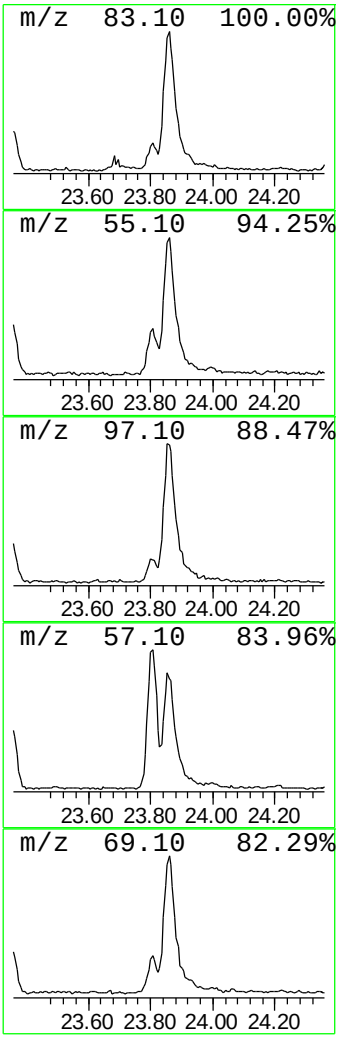
****

Peak Number 38 (DEL) Alkane: Cyclic23.86 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	9.01 ng/ul	705822	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87





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Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

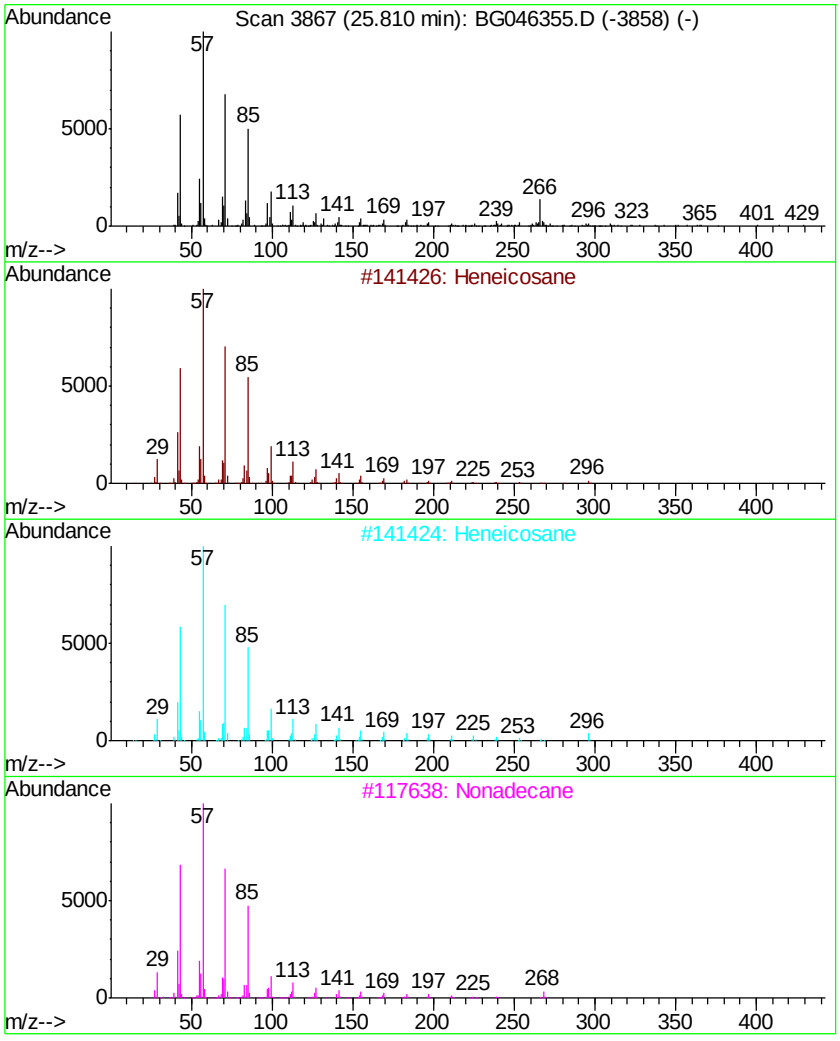
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

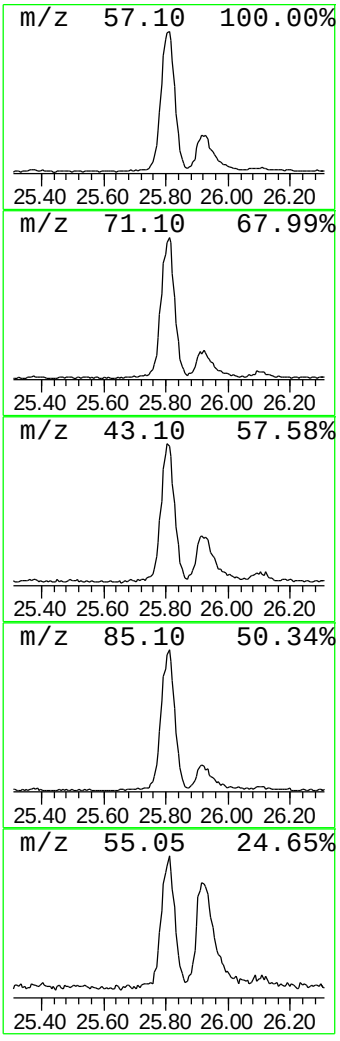
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	10.04 ng/ul	786452	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Heneicosane	296	C21H44	000629-94-7	96
3	Nonadecane	268	C19H40	000629-92-5	94
4	Heneicosane	296	C21H44	000629-94-7	94
5	Heptadecane	240	C17H36	000629-78-7	93





Tentatively Identified Compound (LSC) summary

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Data File : BG046355.D
Acq On : 19 Aug 2020 20:47
Operator : CG/JU
Sample : L3633-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMD8

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	75.6	ng/ul	1989630	1	7.94	526382	20.0
2(3H)-Furanone, 5...	7.11	13.0	ng/ul	342231	1	7.94	526382	20.0
unknown-01	7.27	10.8	ng/ul	283720	1	7.94	526382	20.0
unknown-02	7.47	13.5	ng/ul	355109	1	7.94	526382	20.0
unknown-03	8.64	16.7	ng/ul	439333	1	7.94	526382	20.0
1H-Imidazole, 4-m...	9.09	13.5	ng/ul	354539	1	7.94	526382	20.0
unknown-04	9.82	7.0	ng/ul	279609	2	10.73	800316	20.0
unknown-05	10.86	7.5	ng/ul	298802	2	10.73	800316	20.0
2,4,7,9-Tetrameth...	13.47	4.1	ng/ul	231883	3	14.56	1134980	20.0
unknown-06	13.97	14.3	ng/ul	811944	3	14.56	1134980	20.0
Dimethyl phthalate	14.02	4.9	ng/ul	279024	3	14.56	1134980	20.0
unknown-07	14.76	2.9	ng/ul	166231	3	14.56	1134980	20.0
unknown-08	15.67	5.6	ng/ul	318927	3	14.56	1134980	20.0
9H-Fluoren-9-one	16.96	2.6	ng/ul	178951	4	17.31	1367180	20.0
Phenol, 4-(2-phen...	17.04	2.3	ng/ul	156175	4	17.31	1367180	20.0
5H-Indeno[1,2-b]p...	17.71	3.0	ng/ul	203569	4	17.31	1367180	20.0
Phenanthrene, 2-m...	18.18	5.8	ng/ul	398775	4	17.31	1367180	20.0
Anthracene, 2-met...	18.23	8.1	ng/ul	555360	4	17.31	1367180	20.0
Phenanthrene, 1-m...	18.31	2.4	ng/ul	165110	4	17.31	1367180	20.0
4H-Cyclopenta[def...	18.38	8.3	ng/ul	563681	4	17.31	1367180	20.0
Anthracene, 9-met...	18.41	3.5	ng/ul	235638	4	17.31	1367180	20.0
5,16[1',2']:8,13[...	18.68	4.3	ng/ul	291015	4	17.31	1367180	20.0
9,10-Anthracenedione	18.72	4.0	ng/ul	272871	4	17.31	1367180	20.0
Anthracene, 2-ethyl-	18.93	2.3	ng/ul	154424	4	17.31	1367180	20.0
9,10-Dimethylanth...	19.10	5.1	ng/ul	347751	4	17.31	1367180	20.0
Pyrene, 4,5,9,10-...	19.16	3.6	ng/ul	243870	4	17.31	1367180	20.0
Cyclopenta(def)ph...	19.24	4.9	ng/ul	331911	4	17.31	1367180	20.0
Pyrene, 1-methyl-	20.05	3.3	ng/ul	614350	5	21.56	3688000	20.0
11H-Benzo[b]fluorene	20.21	2.4	ng/ul	446588	5	21.56	3688000	20.0
Pyrene, 2-methyl-	20.37	2.8	ng/ul	519786	5	21.56	3688000	20.0
(DEL) Alkane: Cyc...	21.22	6.0	ng/ul	1099690	5	21.56	3688000	20.0
(DEL) Alkane: Str...	23.81	3.5	ng/ul	278577	6	24.66	1567420	20.0
(DEL) Alkane: Cyc...	23.86	9.0	ng/ul	705822	6	24.66	1567420	20.0
(DEL) Alkane: Str...	25.81	10.0	ng/ul	786452	6	24.66	1567420	20.0