LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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	3.141	4	9	35	rVB	1226125	1978374	98.56%	8.712%
2	3.917	137	141	149	rVB5	8464	13164	0.66%	0.058%
3	4.052	159	164	169	rVB2	10260	15318	0.76%	0.067%
4	4.363	212	217	223	rVB6	6736	11277	0.56%	0.050%
5	5.050	329	334	339	rBV	11563	19077	0.95%	0.084%
6	7.107	676	684	692	rBV	65812	120072	5.98%	0.529%
7	7.266	705	711	720	rBV	62243	105988	5.28%	0.467%
8	7.471	740	746	756	rVV	71419	127171	6.34%	0.560%
9	7.941	818	826	834	rBV	210575	352631	17.57%	1.553%
10	8.646	939	946	959	rBV2	79219	152473	7.60%	0.671%
11	9.093	1013	1022	1031	rBV	66836	126107	6.28%	0.555%
12	9.815	1136	1145	1155	rBV2	54657	104421	5.20%	0.460%
13	10.362	1231	1238	1248	rBV	85537	160211	7.98%	0.706%
14	10.738	1295	1302	1308	rVV	290080	528540	26.33%	2.328%
15	10.785	1308	1310	1315	rVB	9524	12310	0.61%	0.054%
16	10.867	1318	1324	1335	rBV2	60747	123603	6.16%	0.544%
17	13.893	1831	1839	1844	rBV3	7769	12993	0.65%	0.057%
18	13.969	1844	1852	1857	rVV	221941	318167	15.85%	1.401%
19	14.016	1857	1860	1869	rVB	81877	114652	5.71%	0.505%
20	14.257	1894	1901	1913	rBV	216934	361409	18.01%	1.592%
21	14.569	1945	1954	1960	rBV2	510344	815819	40.64%	3.593%
22	14.627	1960	1964	1971	rVV	17840	29432	1.47%	0.130%
23	14.769	1982	1988	2001	rVV3	33749	82018	4.09%	0.361%
24	14.962	2015	2021	2028	rVV2	18775	30482	1.52%	0.134%
25	15.556	2114	2122	2128	rBV	313247	482246	24.03%	2.124%
26	15.615	2128	2132	2137	rVV2	30268	46351	2.31%	0.204%
27	15.667	2137	2141	2151	rVV	70575	123385	6.15%	0.543%
28	15.908	2176	2182	2190	rVB	12319	22879	1.14%	0.101%
29	16.055	2201	2207	2214	rVB2	11277	25997	1.30%	0.114%
30	16.137	2214	2221	2228	rBV6	4354	11523	0.57%	0.051%
31	16.290	2241	2247	2250	rVV4	7955	14142	0.70%	0.062%
32	16.613	2300	2302	2307	rVB5	9105	12481	0.62%	0.055%
33	16.672	2307	2312	2317	rVB6	9320	15183	0.76%	0.067%
34	16.843	2335	2341	2344	rBV7	7360	13878	0.69%	0.061%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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

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

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

35	16.960	2355	2361	2369	rVB2	33642	51786	2.58%	0.228%
36	17.066	2369	2379	2385	rBV7	11749	39647	1.98%	0.175%
37	17.130	2385	2390	2401	rVB	24459	43156	2.15%	0.190%
38	17.307	2413	2420	2424	rBV	737598	1125665	56.08%	4.957%
39	17.348	2424	2427	2432	rVV	522262	738548	36.79%	3.252%
40	17.407	2432	2437	2441	rVV	344457	538054	26.81%	2.369%
41	17.442	2441	2443	2449	rVB	73608	83401	4.16%	0.367%
42	17.506	2449	2454	2457	rBV3	10563	17323	0.86%	0.076%
43	17.706	2480	2488	2492	rBV2	31632	59023	2.94%	0.260%
44	17.830	2503	2509	2514	rBV4	16457	24486	1.22%	0.108%
45	17.888	2515	2519	2524	rBV4	16586	23443	1.17%	0.103%
46	17.982	2530	2535	2540	rBV8	5693	11376	0.57%	0.050%
47	18.106	2552	2556	2561	rBV3	10113	14681	0.73%	0.065%
48	18.182	2561	2569	2573	rBV	91472	152680	7.61%	0.672%
49	18.229	2573	2577	2583	rVB	115436	182115	9.07%	0.802%
50	18.311	2587	2591	2596	rVB2	30781	44463	2.22%	0.196%
51	18.376	2596	2602	2606	rBV2	111426	212932	10.61%	0.938%
52	18.417	2606	2609	2614	rVB	68756	93697	4.67%	0.413%
53	18.582	2633	2637	2640	rVB6	9413	13067	0.65%	0.058%
54	18.682	2649	2654	2657	rVV	78852	112130	5.59%	0.494%
55	18.717	2657	2660	2666	rVB	83019	111159	5.54%	0.490%
56	18.805	2672	2675	2683	rBV4	10644	19173	0.96%	0.084%
57	18.928	2692	2696	2700	rBV2	27991	35669	1.78%	0.157%
58	18.975	2701	2704	2708	rBV	21787	23266	1.16%	0.102%
59	19.016	2708	2711	2716	rVB2	24651	31237	1.56%	0.138%
60	19.099	2720	2725	2730	rBV	76611	132310	6.59%	0.583%
61	19.157	2730	2735	2738	rBV4	24536	51276	2.55%	0.226%
62	19.234	2744	2748	2757	rBV	62627	103725	5.17%	0.457%
63	19.357	2764	2769	2775	rVB	829954	1170312	58.31%	5.154%
64	19.422	2776	2780	2783	rBV2	19865	25082	1.25%	0.110%
65	19.457	2783	2786	2791	rVB4	25114	36205	1.80%	0.159%
66	19.510	2791	2795	2797	rBV	23418	29442	1.47%	0.130%
67	19.551	2798	2802	2805	rBV3	20512	31673	1.58%	0.139%
68	19.604	2807	2811	2814	rVV	20486	26930	1.34%	0.119%
69	19.633	2814	2816	2820	rVB5	13817	16555	0.82%	0.073%
70	19.692	2820	2826	2828	rBV2	583136	865401	43.11%	3.811%
71	19.722	2828	2831	2839	rVB	721728	979394	48.79%	4.313%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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	19.792	2839	2843	2852	rBV3	40606	67201	3.35%	0.296%
73	19.898	2856	2861	2867	rBV	38856	67624	3.37%	0.298%
74	19.951	2867	2870	2877	rVB4	36429	59598	2.97%	0.262%
75	20.051	2880	2887	2893	rBV4	69648	195087	9.72%	0.859%
76	20.180	2904	2909	2911	rBV4	46578	81069	4.04%	0.357%
77	20.209	2911	2914	2919	rVB	101033	143261	7.14%	0.631%
78	20.315	2927	2932	2935	rBV	49962	69096	3.44%	0.304%
79	20.368	2936	2941	2946	rVV2	84721	151078	7.53%	0.665%
80	20.409	2946	2948	2951	rVB2	20393	22704	1.13%	0.100%
81	20.509	2961	2965	2969	rBV2	56269	77907	3.88%	0.343%
82	20.556	2969	2973	2978	rVB	54982	85511	4.26%	0.377%
83	20.961	3038	3042	3049	rVB	94491	155346	7.74%	0.684%
84	21.138	3066	3072	3077	rBV2	59521	144081	7.18%	0.634%
85	21.185	3077	3080	3083	rVV	75879	109391	5.45%	0.482%
86	21.226	3083	3087	3093	rVV3	193244	371345	18.50%	1.635%
87	21.284	3094	3097	3108	rVB	98583	174642	8.70%	0.769%
88	21.549	3134	3142	3147	rBV3	932987	2007222	100.00%	8.839%
89	21.596	3147	3150	3158	rVB	348833	551172	27.46%	2.427%
90	21.749	3172	3176	3177	rBV2	41747	57171	2.85%	0.252%
91	22.266	3260	3264	3270	rVB	63992	110127	5.49%	0.485%
92	22.336	3273	3276	3279	rBV3	36575	61682	3.07%	0.272%
93	23.676	3496	3504	3512	rBV	244757	801276	39.92%	3.529%
94	23.805	3521	3526	3530	rBV	78191	145427	7.25%	0.640%
95	24.363	3615	3621	3627	rBV	113492	281248	14.01%	1.239%
96	24.440	3628	3634	3639	rVV2	205141	492619	24.54%	2.169%
97	24.504	3641	3645	3657	rVB	201625	481127	23.97%	2.119%
98	24.651	3661	3670	3678	rBV2	514597	1411858	70.34%	6.217%
99	25.803	3861	3866	3874	rVB4	67602	186328	9.28%	0.821%
100	28.147	4259	4265	4284	rVB4	86020	391405	19.50%	1.724%

Sum of corrected areas: 22707859

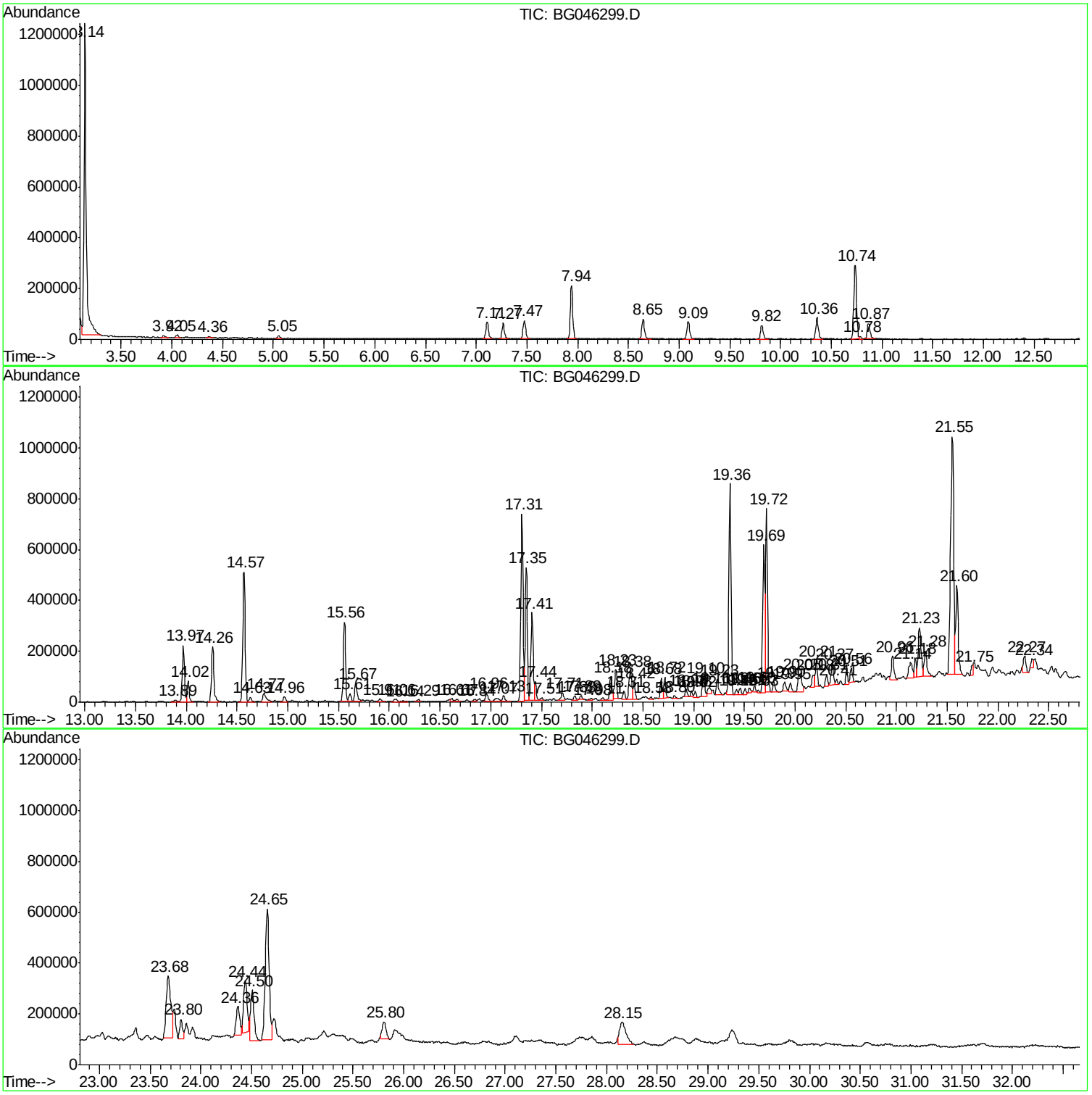
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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

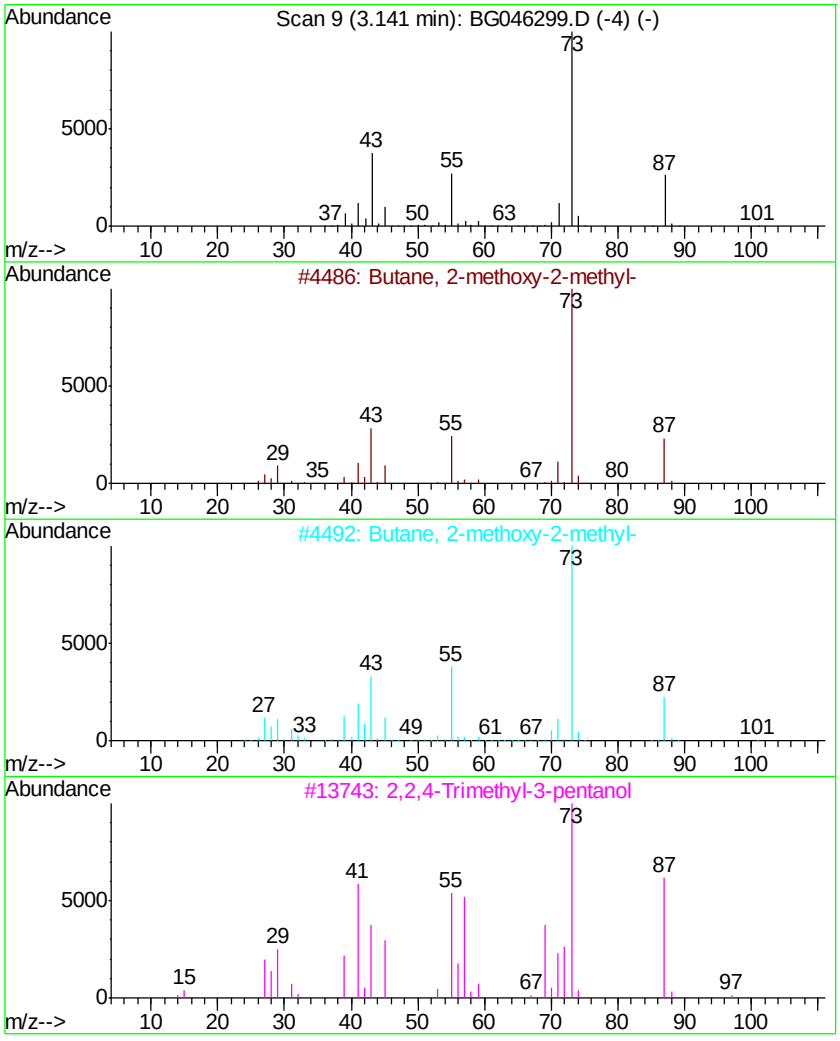
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

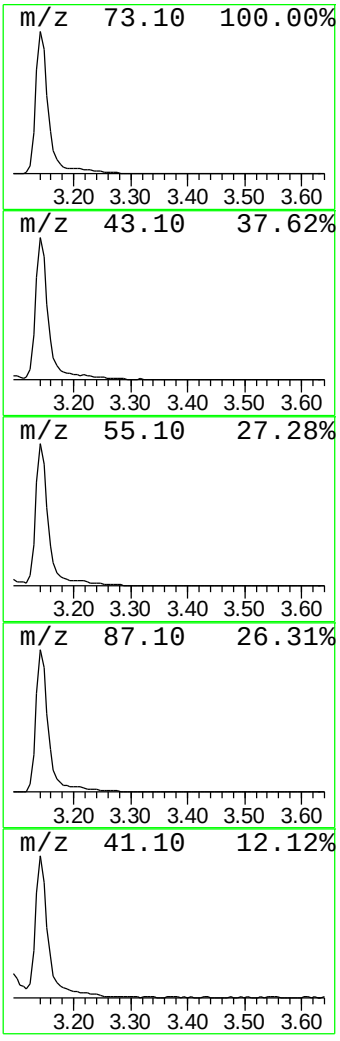
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	112.21 ng/ul	1978370	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	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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

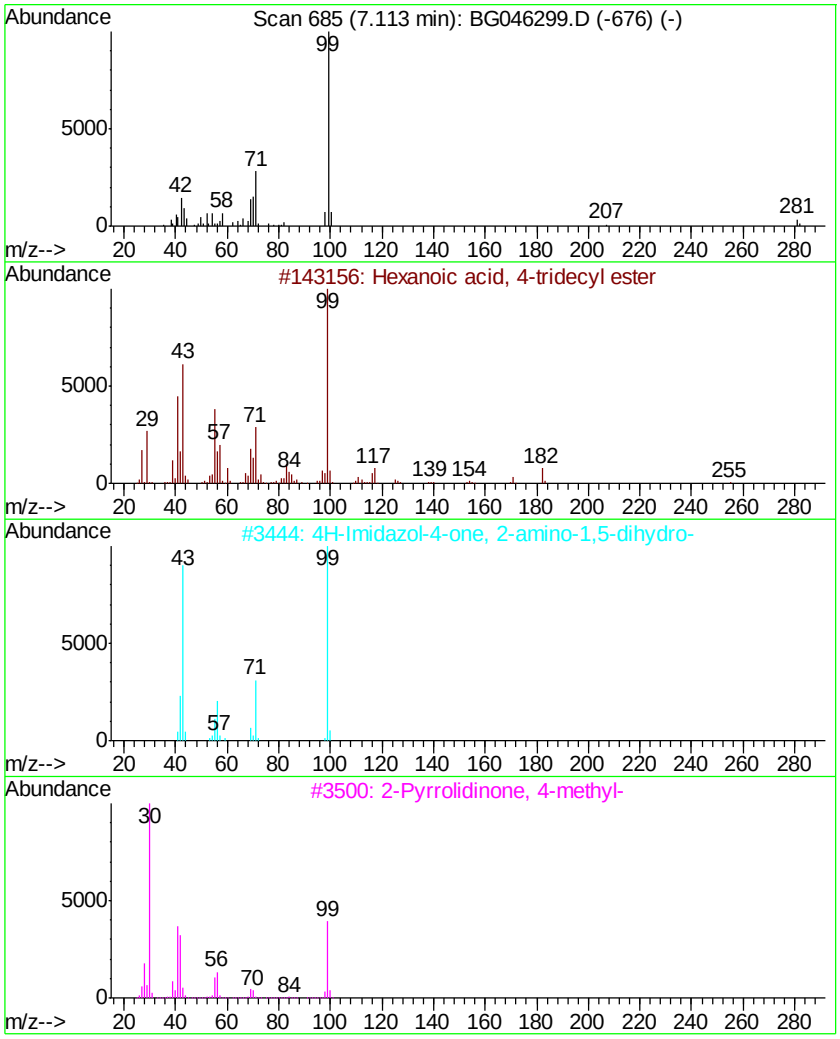
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

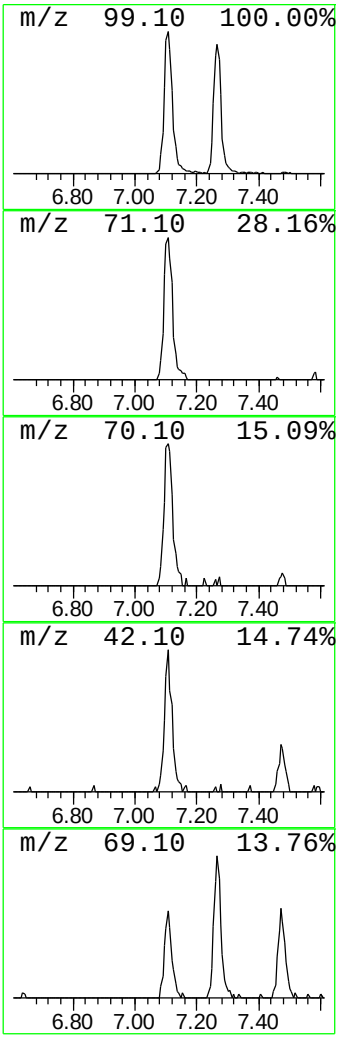
****

Peak Number 2 Hexanoic acid, 4-tridecyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	6.81 ng/ul	120072	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	64
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	59
3	2-Pyrrolidinone, 4-methyl-	99	C5H9NO	1000197-00-3	59
4	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56
5	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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

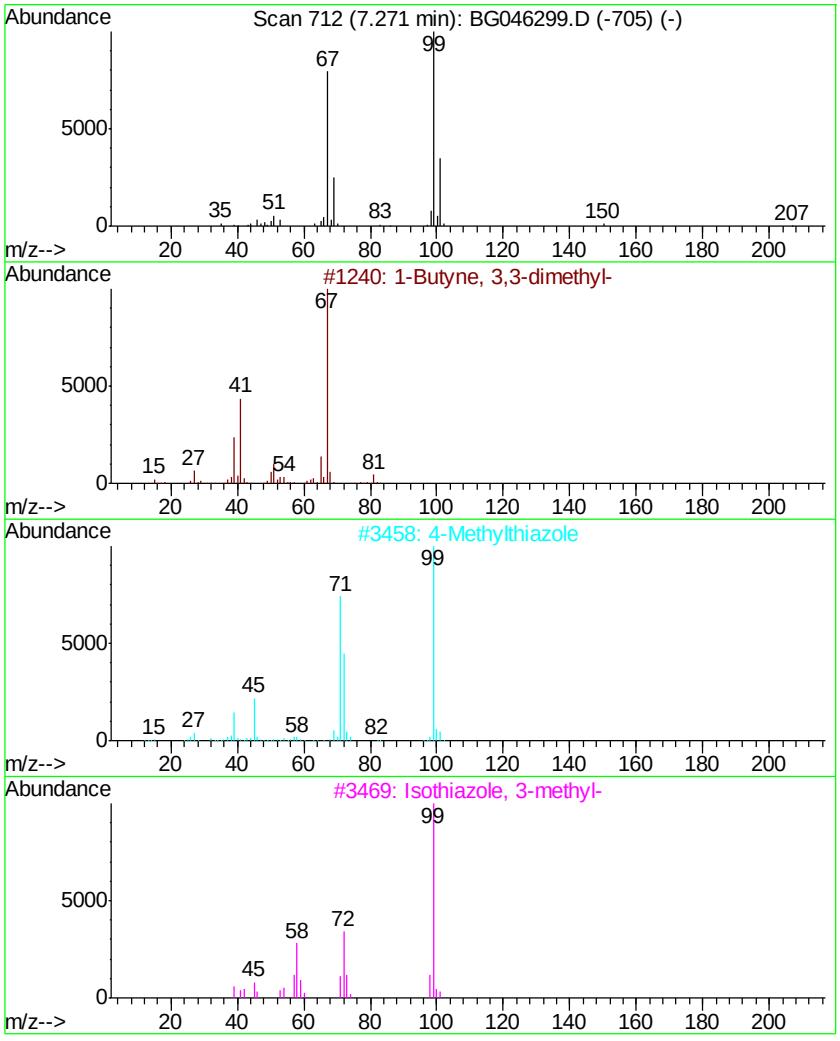
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

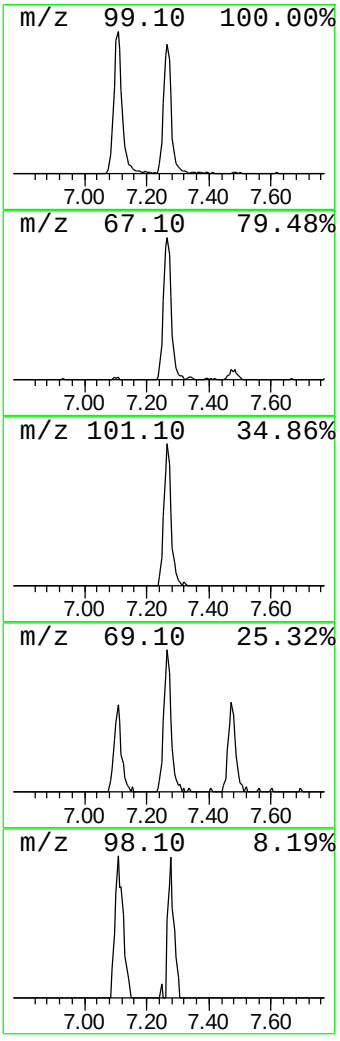
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	6.01 ng/ul	105988	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	10
2	4-Methylthiazole	99	C4H5NS	000693-95-8	9
3	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
4	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	9
5	Ethane, 1,2-dichloro-1,1-difluoro-	134	C2H2Cl2F2	001649-08-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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

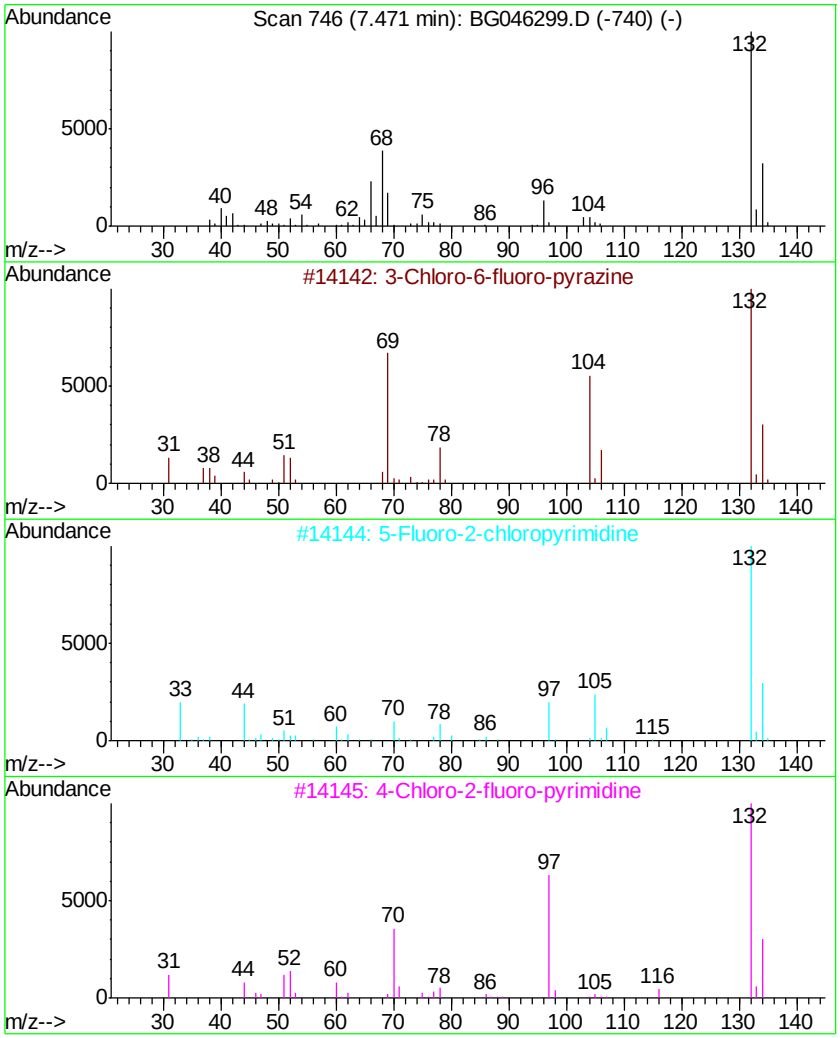
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

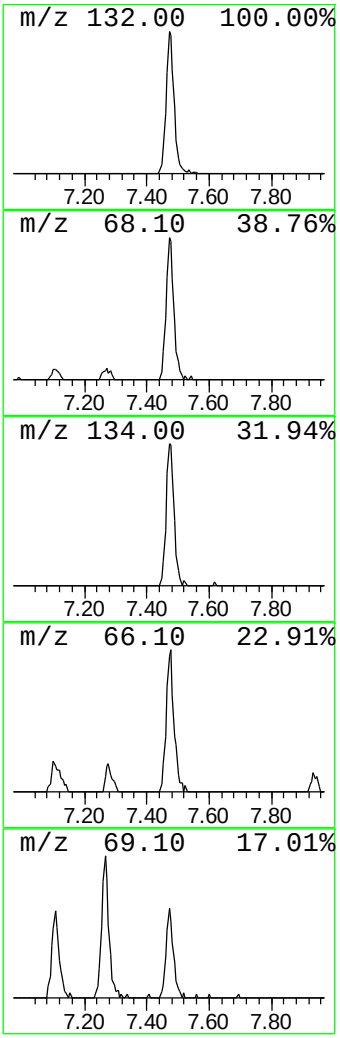
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	7.21 ng/ul	127171	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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

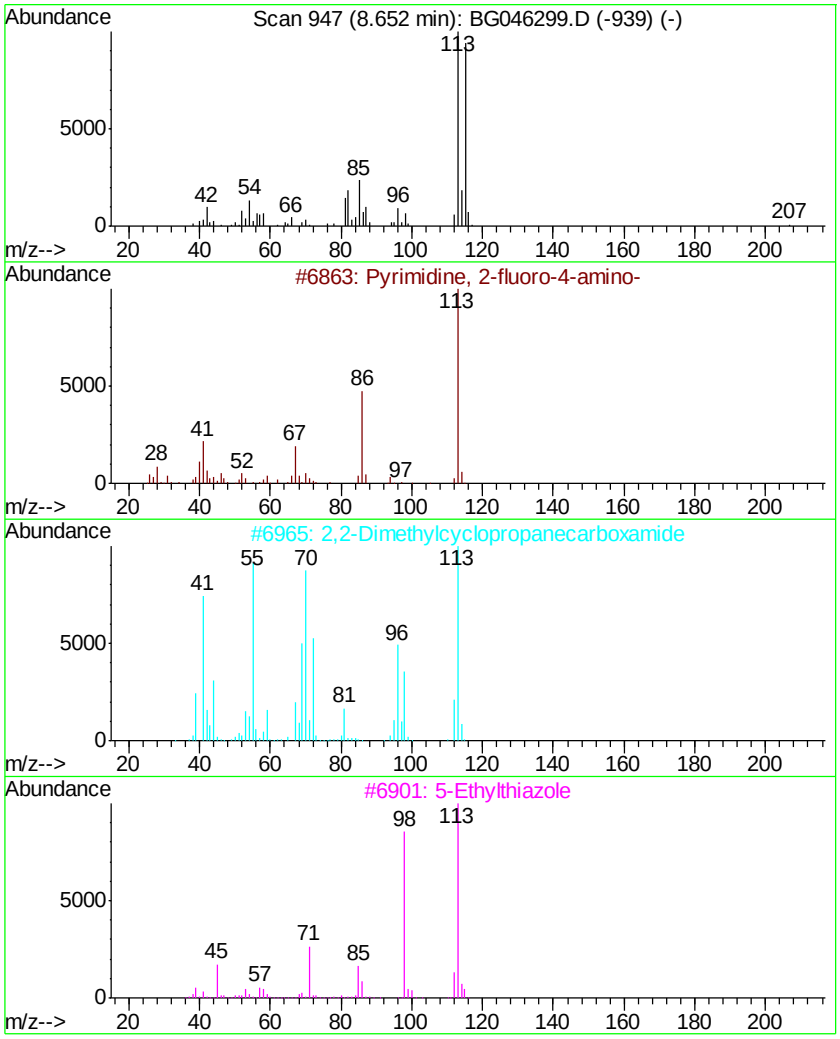
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

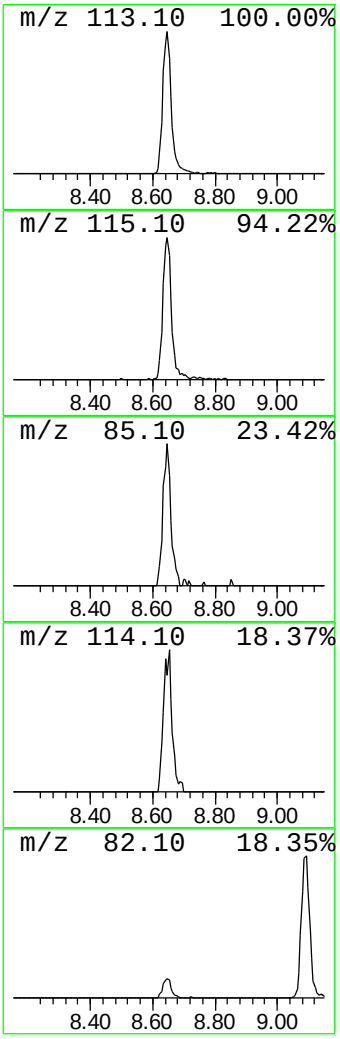
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	8.65 ng/ul	152473	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidine, 2-fluoro-4-amino-	113	C4H4FN3	096548-91-3	35
2	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	27
3	5-Ethylthiazole	113	C5H7NS	017626-73-2	25
4	Thiazole, 2,5-dimethyl-	113	C5H7NS	004175-66-0	25
5	3,4-Methylpropylsuccinimide	155	C8H13NO2	1000248-78-0	17





Library Search Compound Report

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Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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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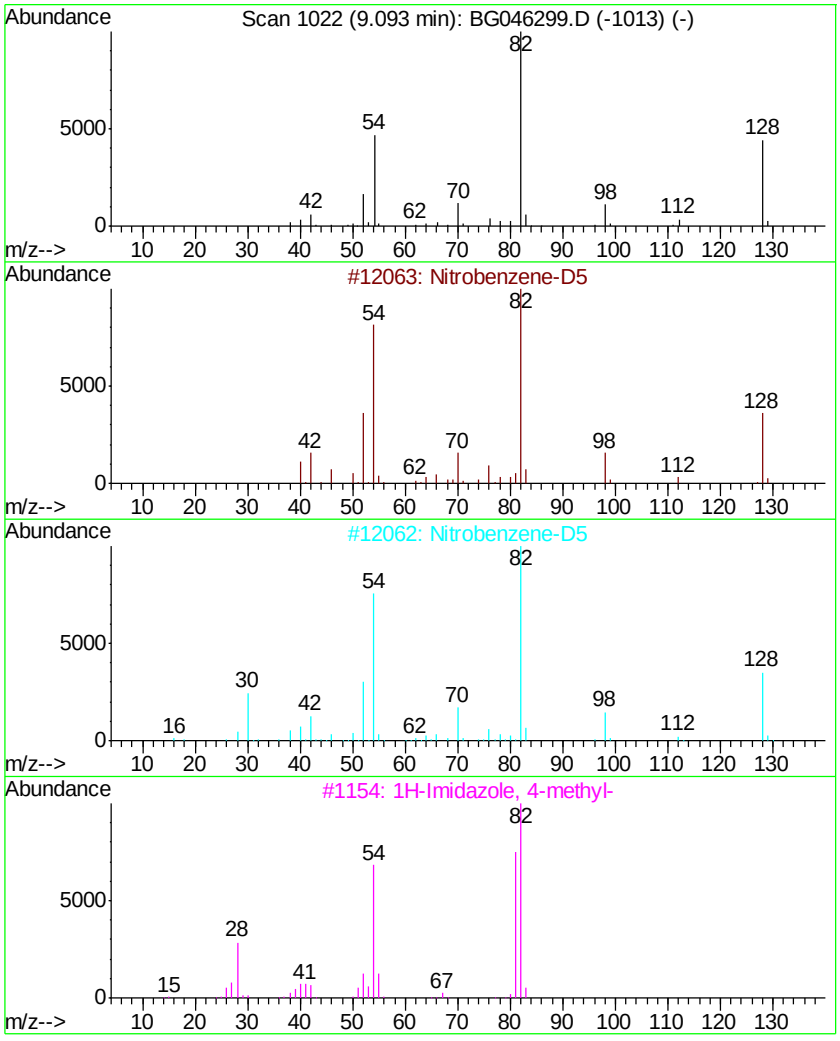
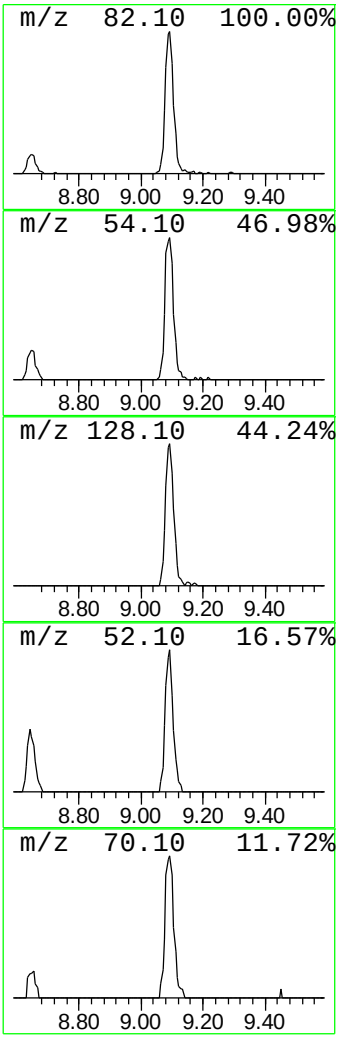
Peak Number 6 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	7.15 ng/ul	126107	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	64
2	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
3	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
4	Methyl methylphosphonofluoridate	112	C2H6FO2P	000353-88-8	27
5	Butyramide, 2-cyano-2-ethyl-	140	C7H12N2O	018705-38-9	12





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Misc :
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Instrument : BNA_G
ClientSampleId : BFM86

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Quant Title : SVOA CALIBRATION

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

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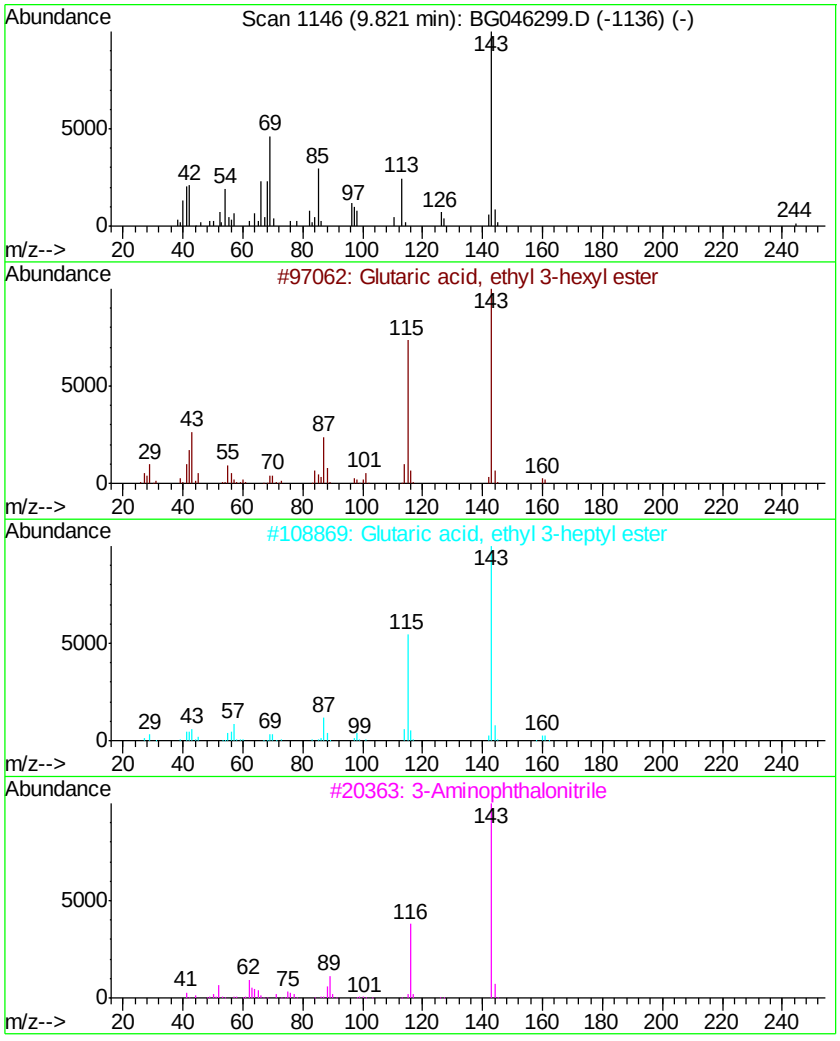
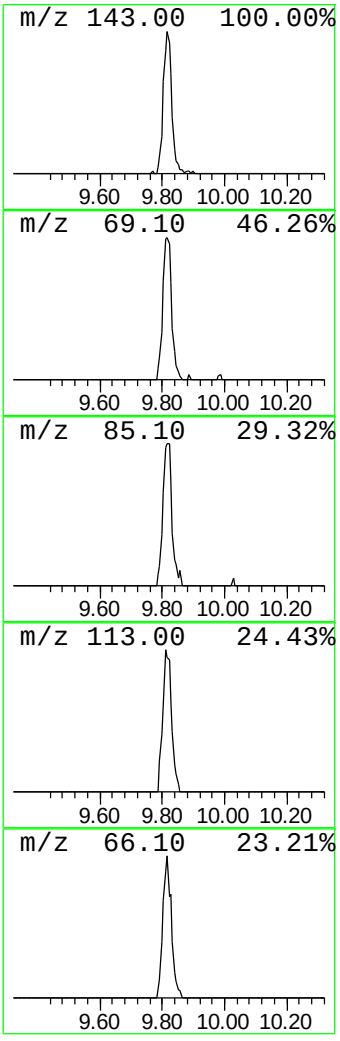
Peak Number 7 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	3.95 ng/ul	104421	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutaric acid, ethyl 3-hexyl ester	244	C13H24O4	1000359-54-1	12
2	Glutaric acid, ethyl 3-heptyl ester	258	C14H26O4	1000359-73-0	10
3	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10
4	3,5-Pyridinedicarbonitrile, 4-me...	143	C8H5N3	004574-75-8	9
5	2-Naphthalenamine	143	C10H9N	000091-59-8	9





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Misc :
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Instrument : BNA_G
ClientSampleId : BFM86

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Quant Title : SVOA CALIBRATION

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

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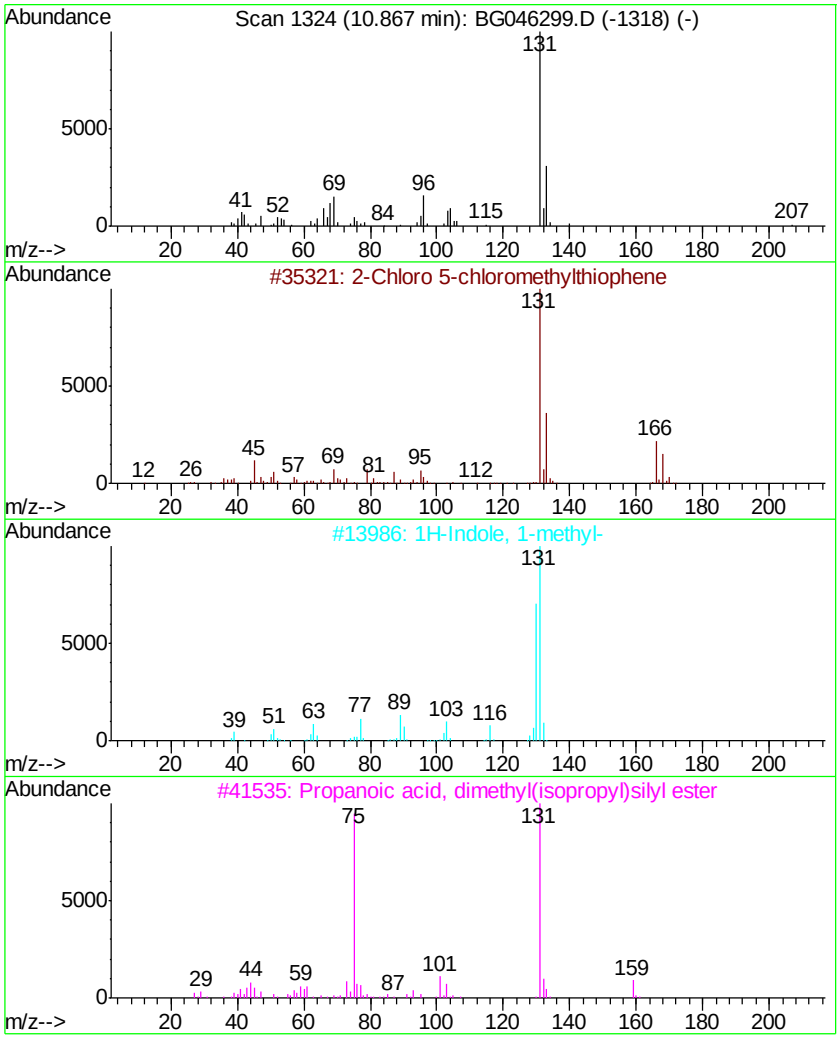
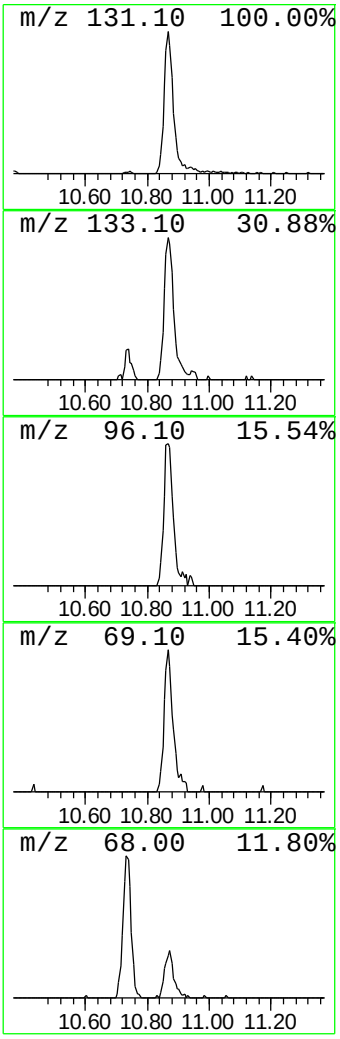
Peak Number 8 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	4.68 ng/ul	123603	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro 5-chloromethylthiophene	166	C5H4Cl2S	023784-96-5	38
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
3	Propanoic acid, dimethyl(isoprop...	174	C8H18O2Si	1000279-45-8	28
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	25
5	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9





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Instrument : BNA_G
ClientSampleId : BFM86

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Quant Title : SVOA CALIBRATION

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

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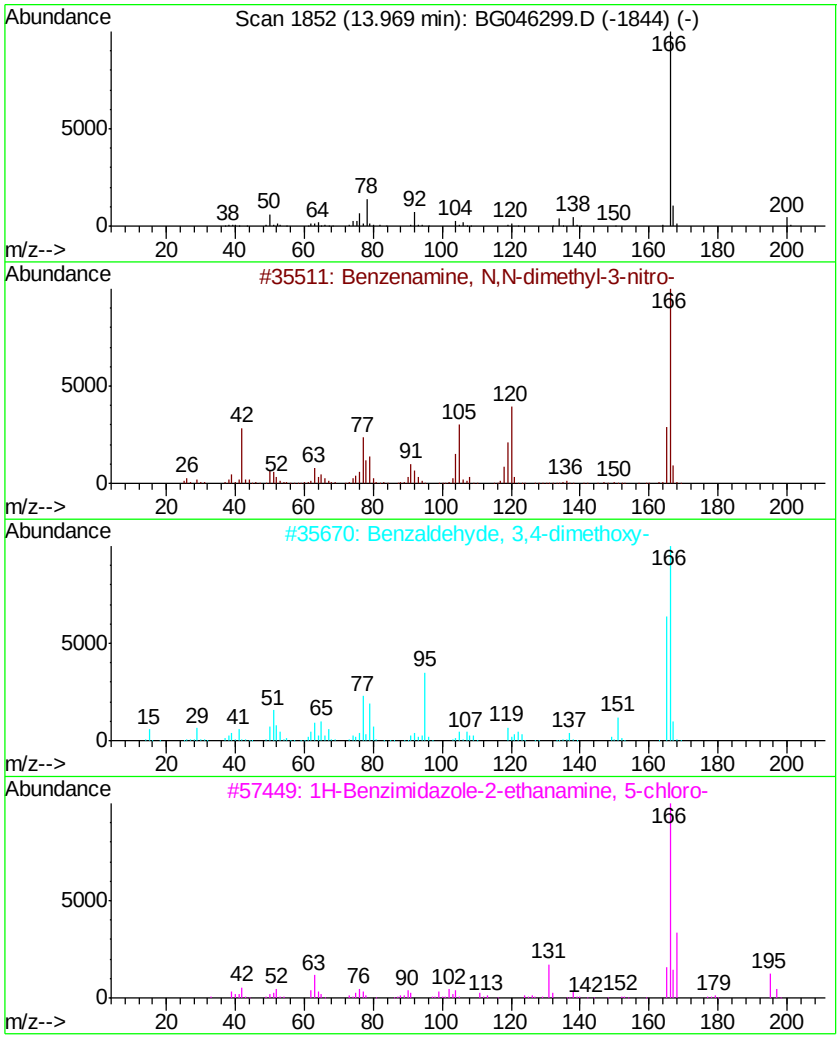
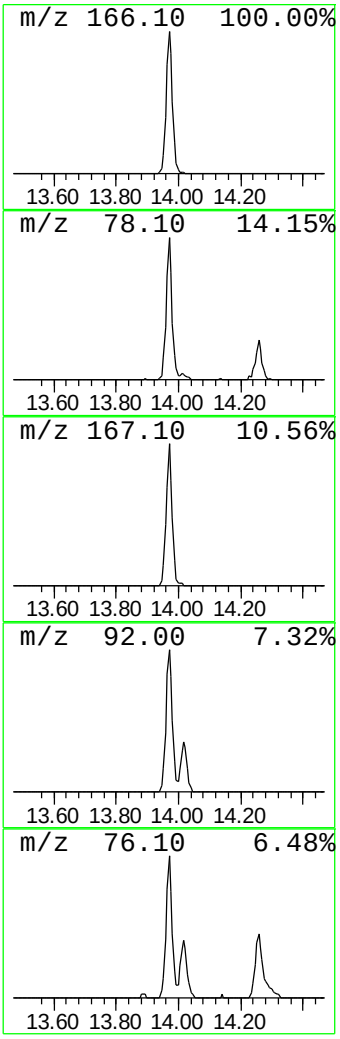
Peak Number 9 Benzenamine, N,N-dimethyl-3... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	7.80 ng/ul	318167	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N,N-dimethyl-3-nitro-	166	C8H10N2O2	000619-31-8	72
2	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
3	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
4	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	Benzo[b]tetrahydrofuran-3-one, 5...	166	C8H6O4	014771-00-7	9





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Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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Quant Title : SVOA CALIBRATION

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

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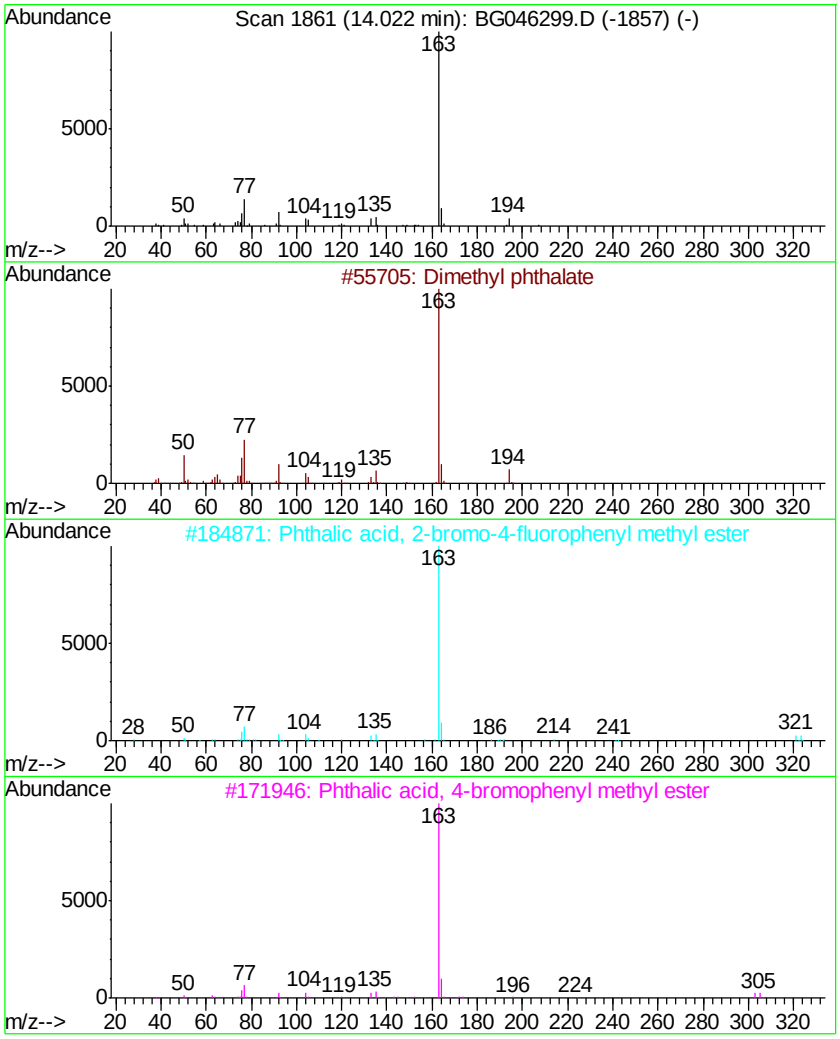
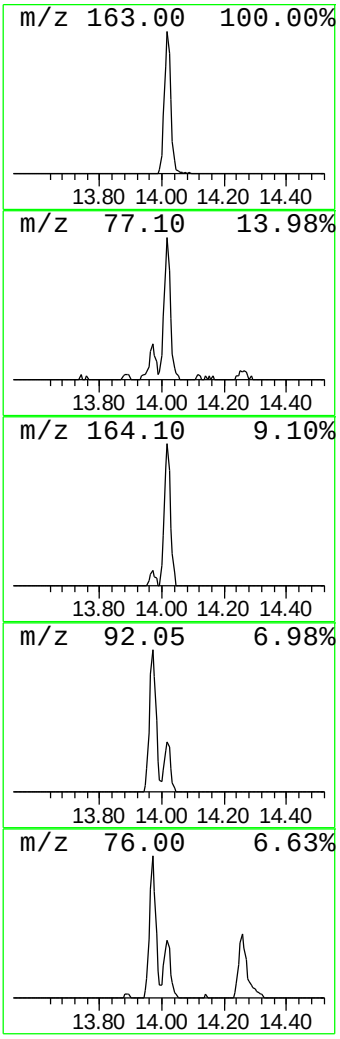
Peak Number 10 Dimethyl phthalate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.81 ng/ul	114652	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
2	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	78
3	Phthalic acid, 4-bromophenyl met...	334	C15H11BrO4	1000315-66-6	78
4	Heptyl methyl phthalate	278	C16H22O4	1000373-88-4	78
5	2-Ethylbutyl methyl phthalate	264	C15H20O4	1000373-89-6	78





Library Search Compound Report

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Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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Quant Title : SVOA CALIBRATION

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

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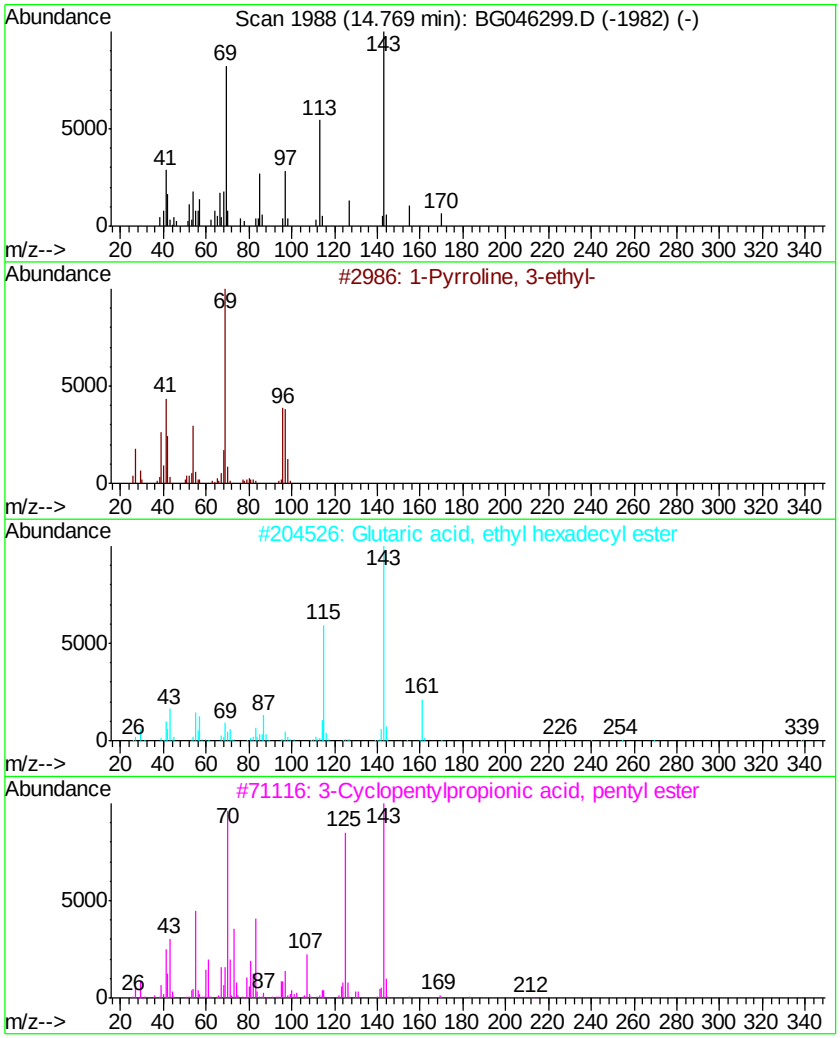
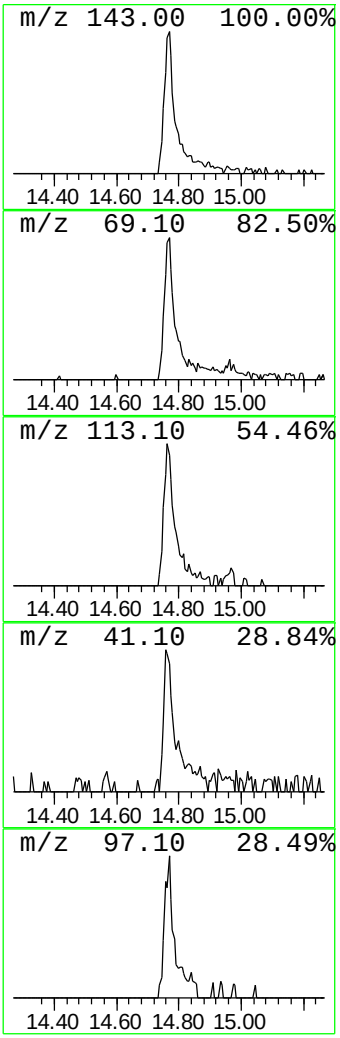
Peak Number 11 unknown-07 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.01 ng/ul	82018	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	22
2	Glutaric acid, ethyl hexadecyl e...	384	C23H44O4	1000358-35-6	22
3	3-Cyclopentylpropionic acid, pen...	212	C13H24O2	1000292-33-2	22
4	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	16
5	4-Chloro-3-methylpyridine 1-oxide	143	C6H6ClNO	001073-34-3	14





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Operator : CG/JU
Sample : L3632-08
Misc :
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Instrument : BNA_G
ClientSampleId : BFM86

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Quant Title : SVOA CALIBRATION

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

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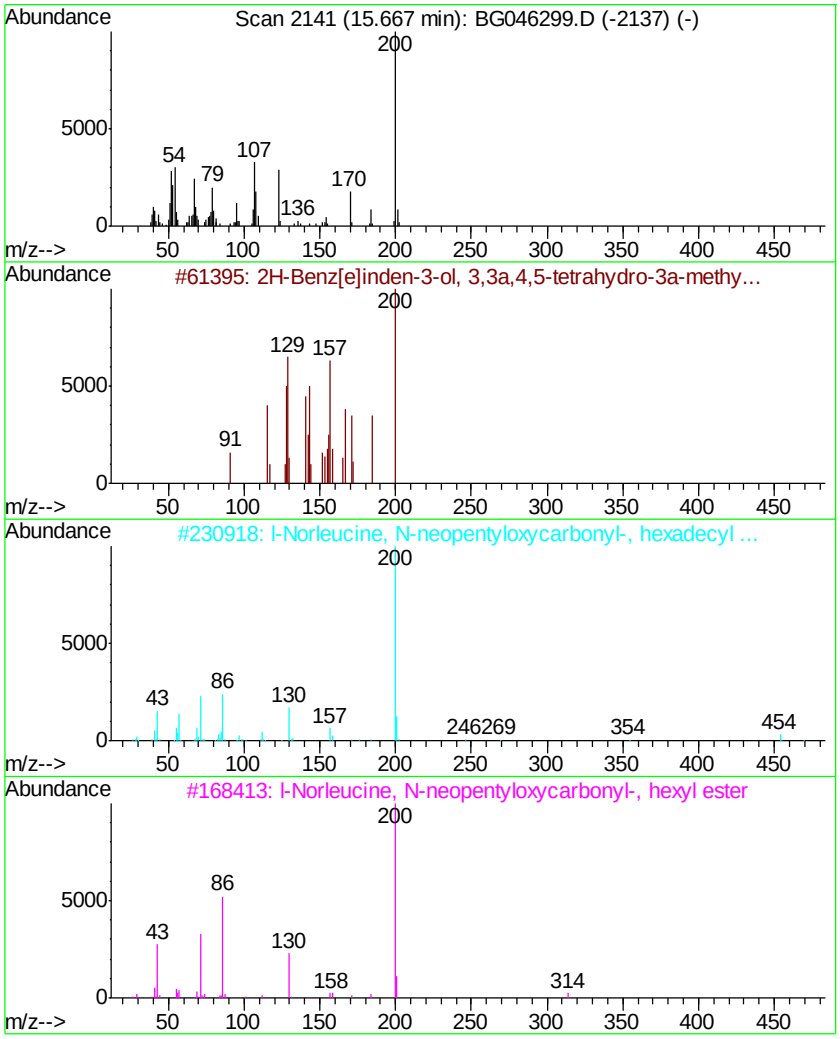
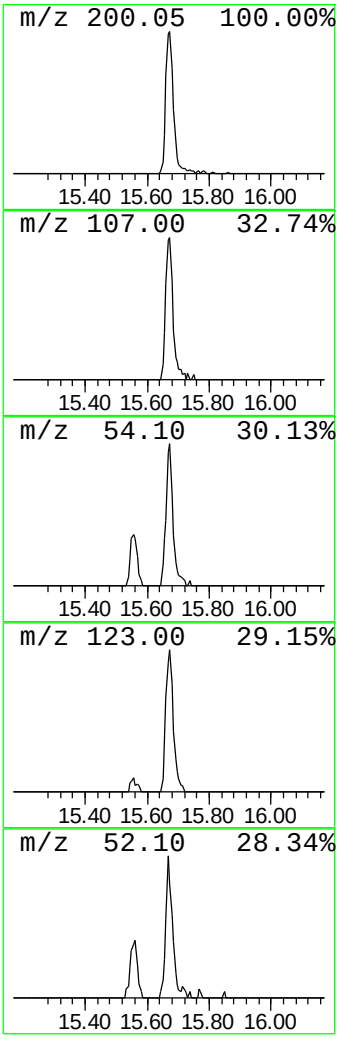
Peak Number 12 unknown-08 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	3.02 ng/ul	123385	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	l-Norleucine, N-neopentyloxycarb...	469	C28H55NO4	1000329-65-1	10
3	l-Norleucine, N-neopentyloxycarb...	329	C18H35NO4	1000329-64-6	10
4	D-Norleucine, N-neopentyloxycarb...	483	C29H57NO4	1000344-14-2	10
5	Sulfamerazine	264	C11H12N4O2S	000127-79-7	10





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Instrument : BNA_G
ClientSampleId : BFM86

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Quant Title : SVOA CALIBRATION

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

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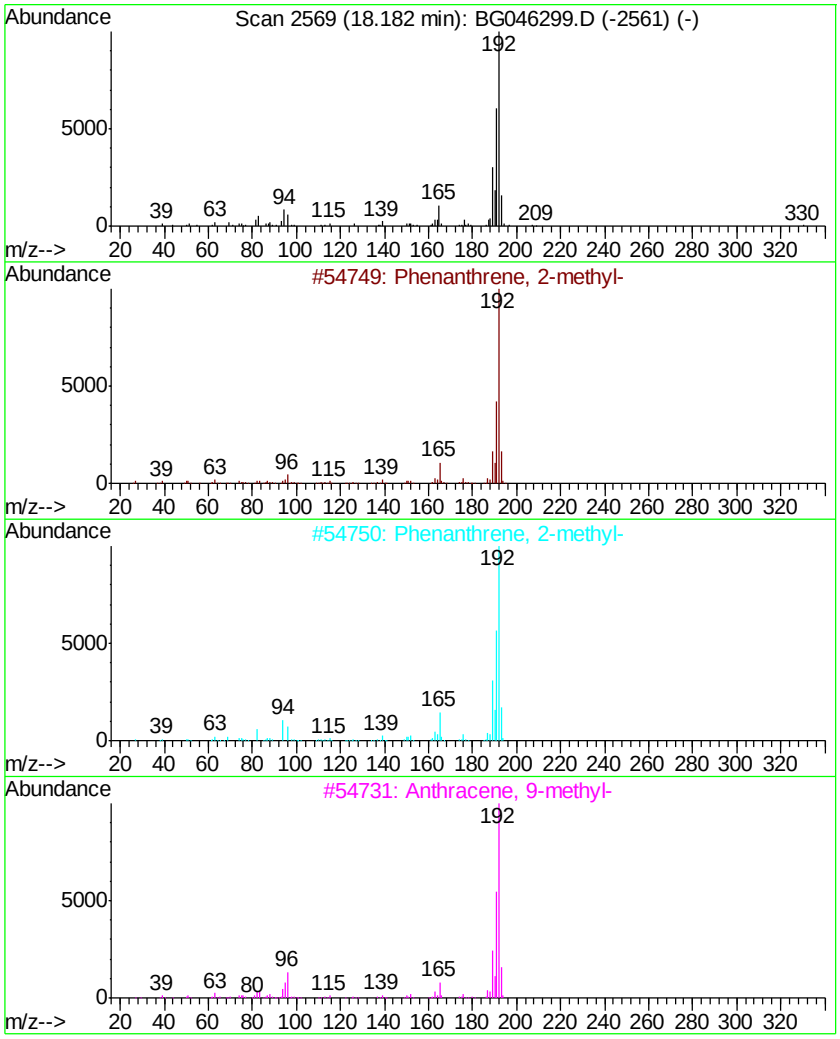
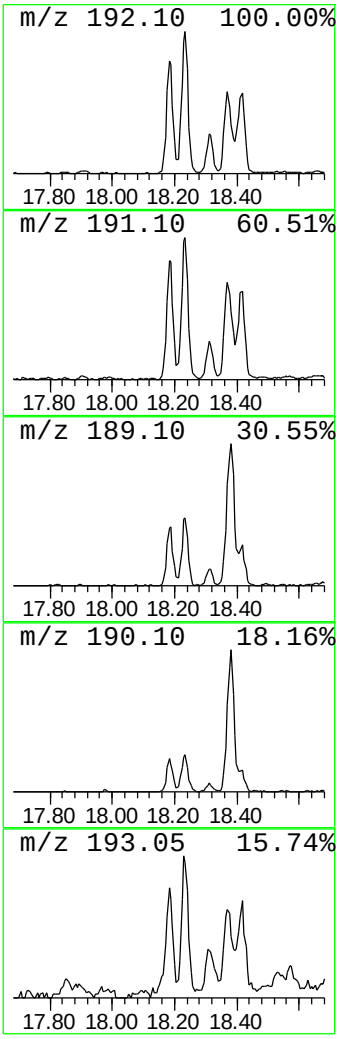
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.71 ng/ul	152680	Phenanthrene-d10	17.31

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





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Instrument : BNA_G
ClientSampleId : BFM86

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Quant Title : SVOA CALIBRATION

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

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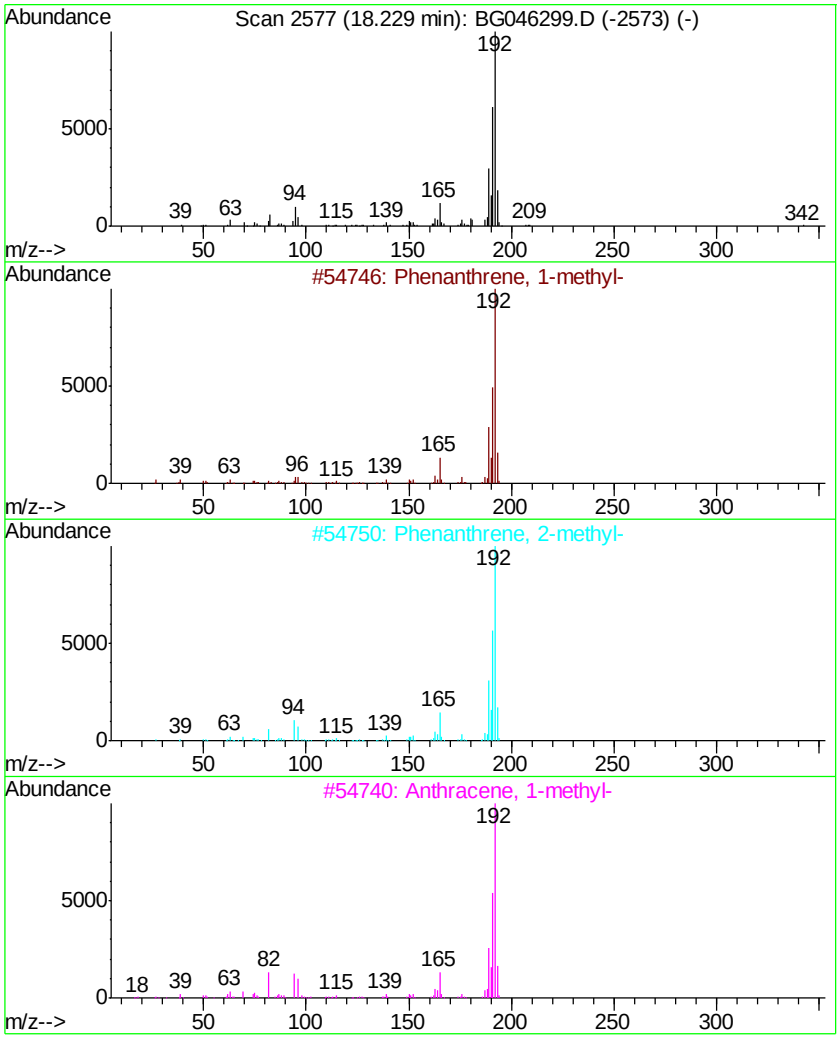
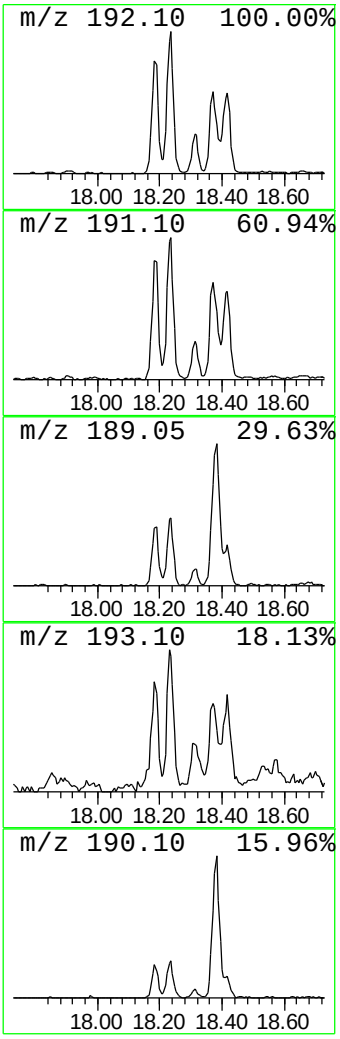
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.24 ng/ul	182115	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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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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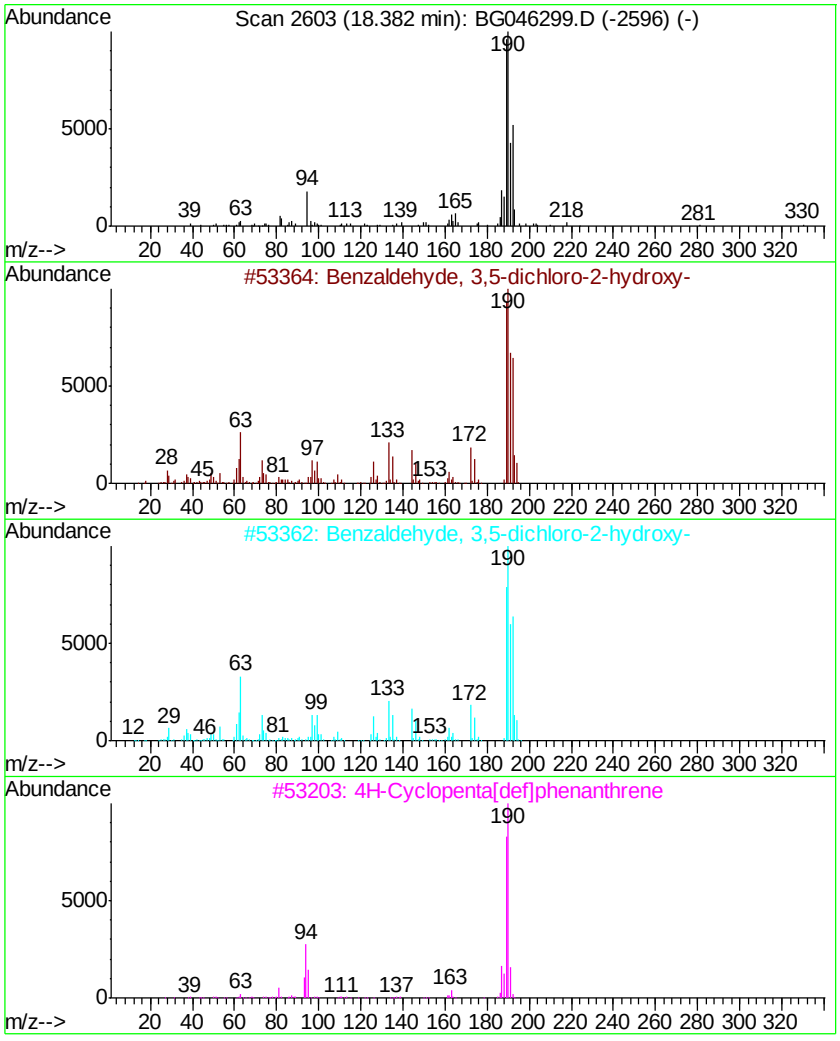
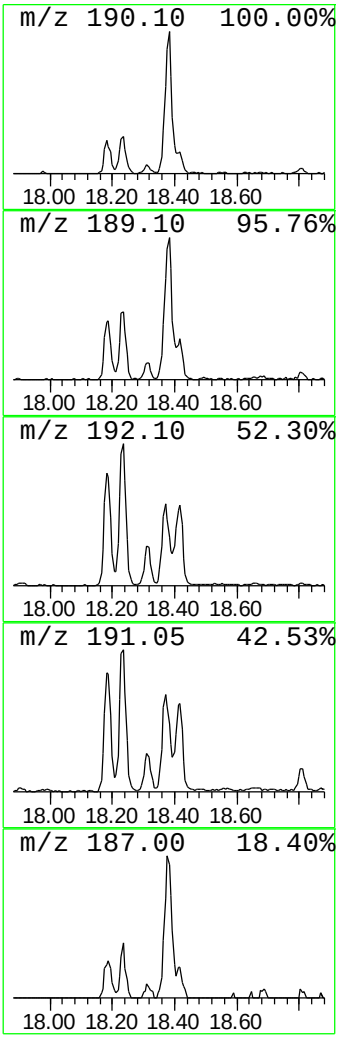
Peak Number 15 Benzaldehyde, 3,5-dichloro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.78 ng/ul	212932	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	46





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Quant Title : SVOA CALIBRATION

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

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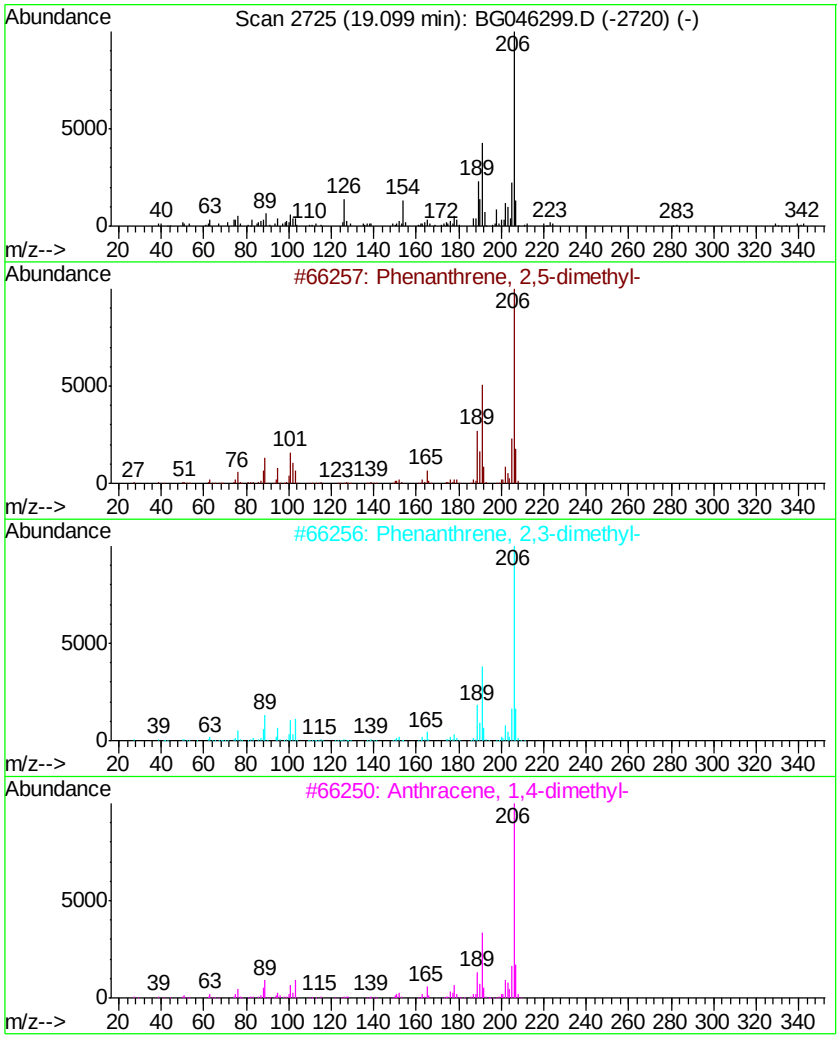
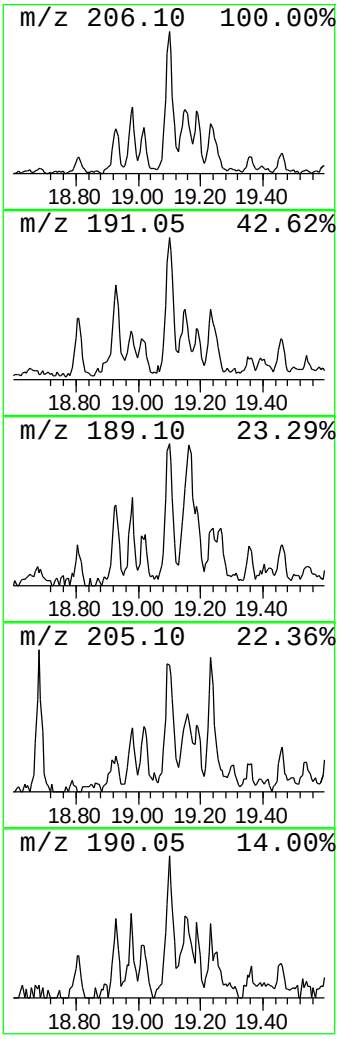
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.35 ng/ul	132310	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76





Library Search Compound Report

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Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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

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

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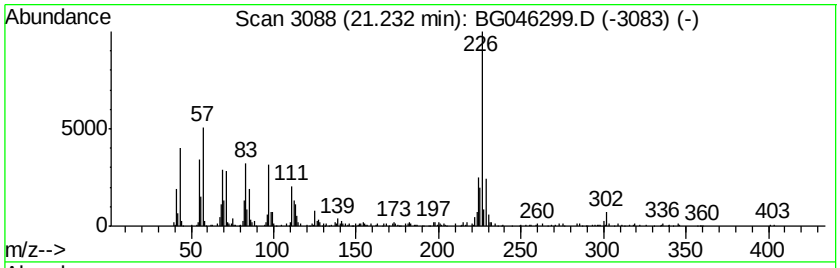
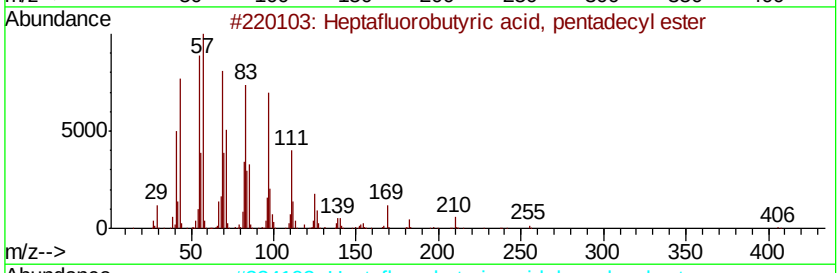
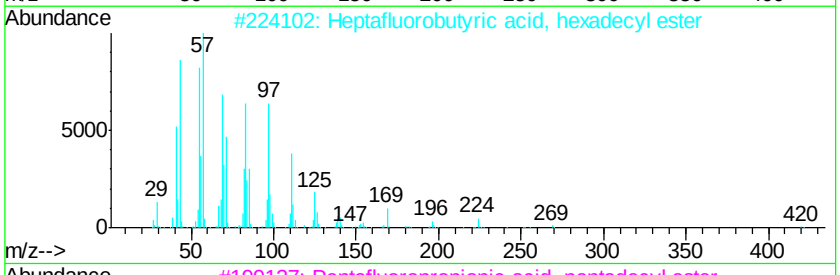
Peak Number 17 Heptafluorobutyric acid, pe... Concentration Rank 12

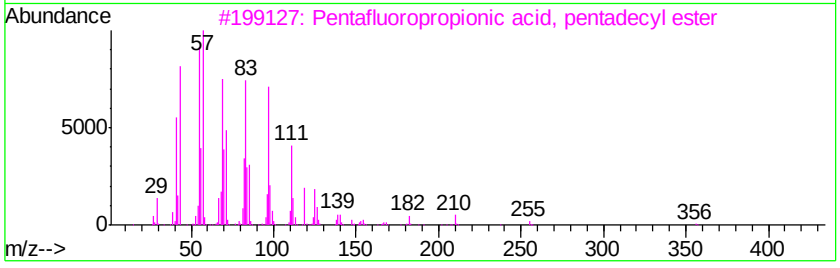
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	3.70 ng/ul	371345	Chrysene-d12	21.55

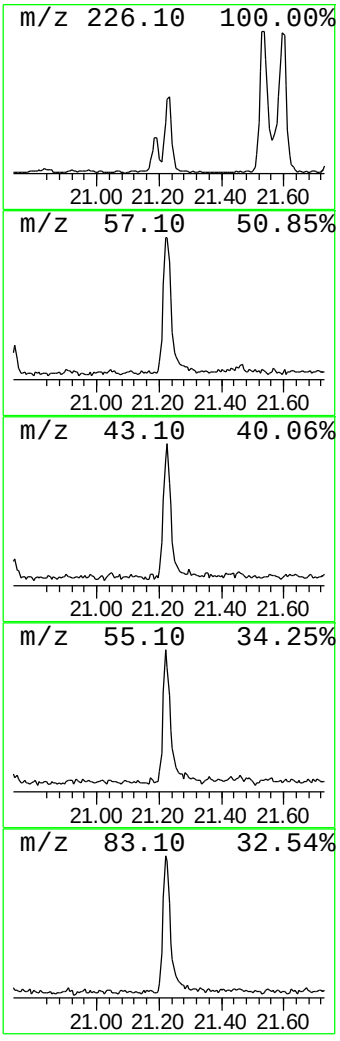
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	64
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	64
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	64
4	Trihexadecyl borate	735	C48H99BO3	002665-11-4	55
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	50











Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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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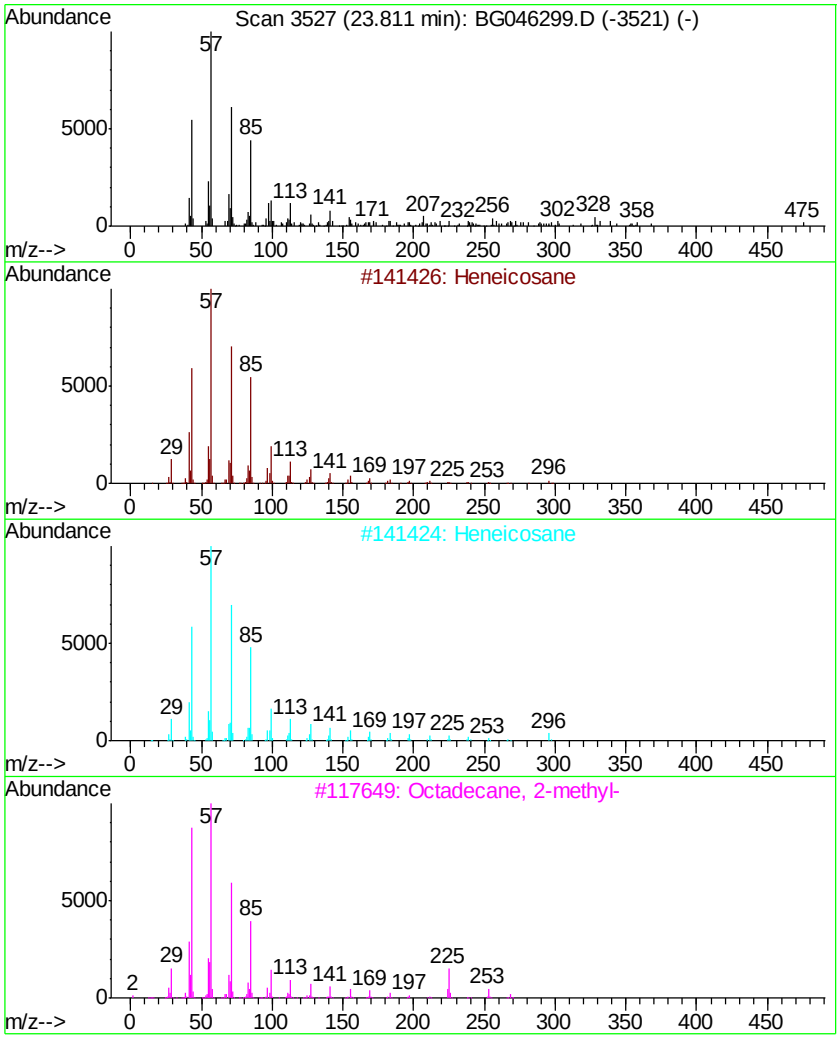
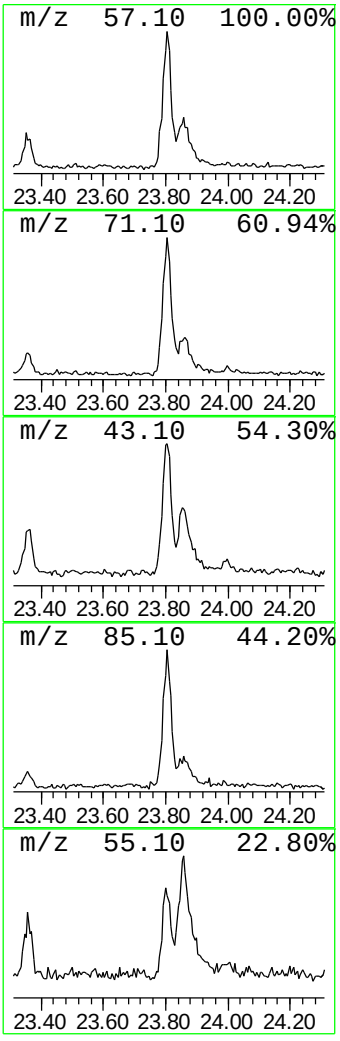
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	2.06 ng/ul	145427	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Pentacosane	352	C25H52	000629-99-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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

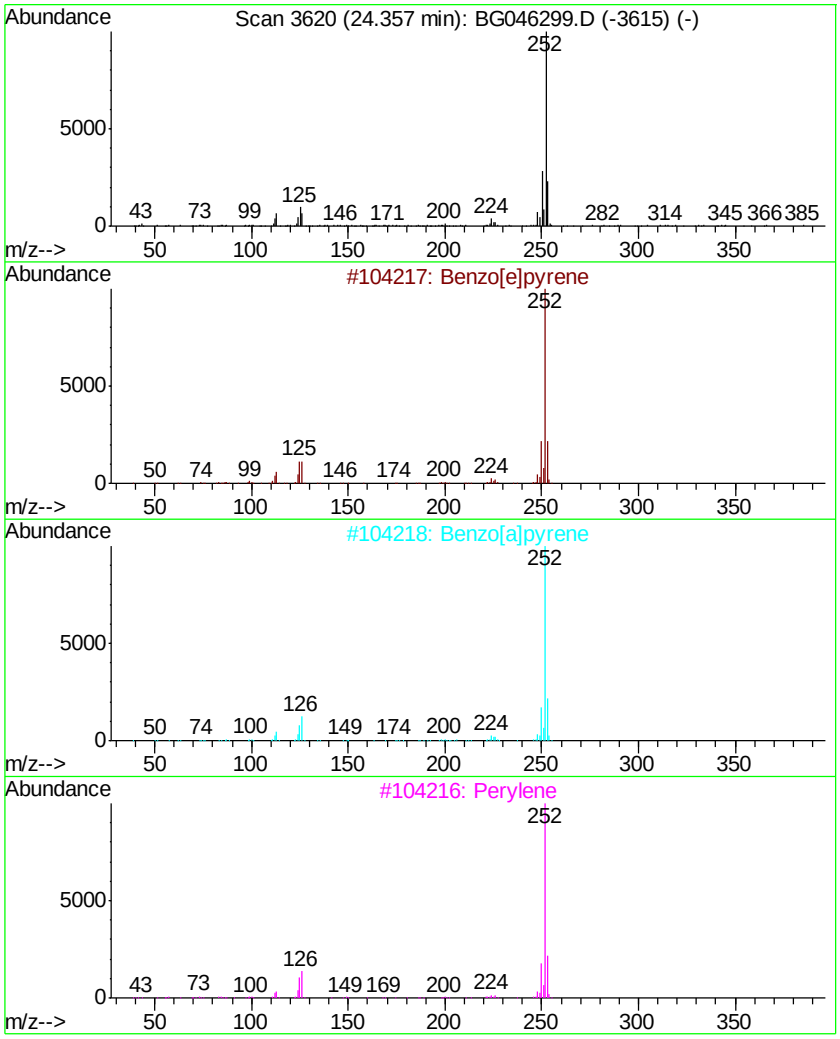
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

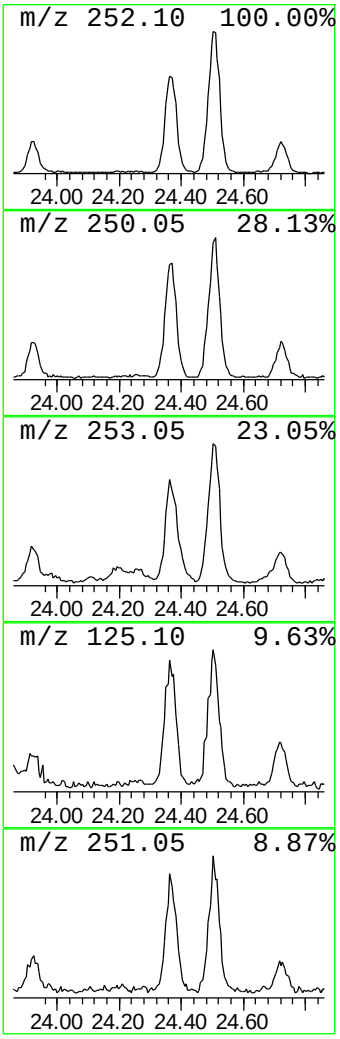
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.36	3.98 ng/ul	281248	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Perylene	252	C20H12	000198-55-0	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

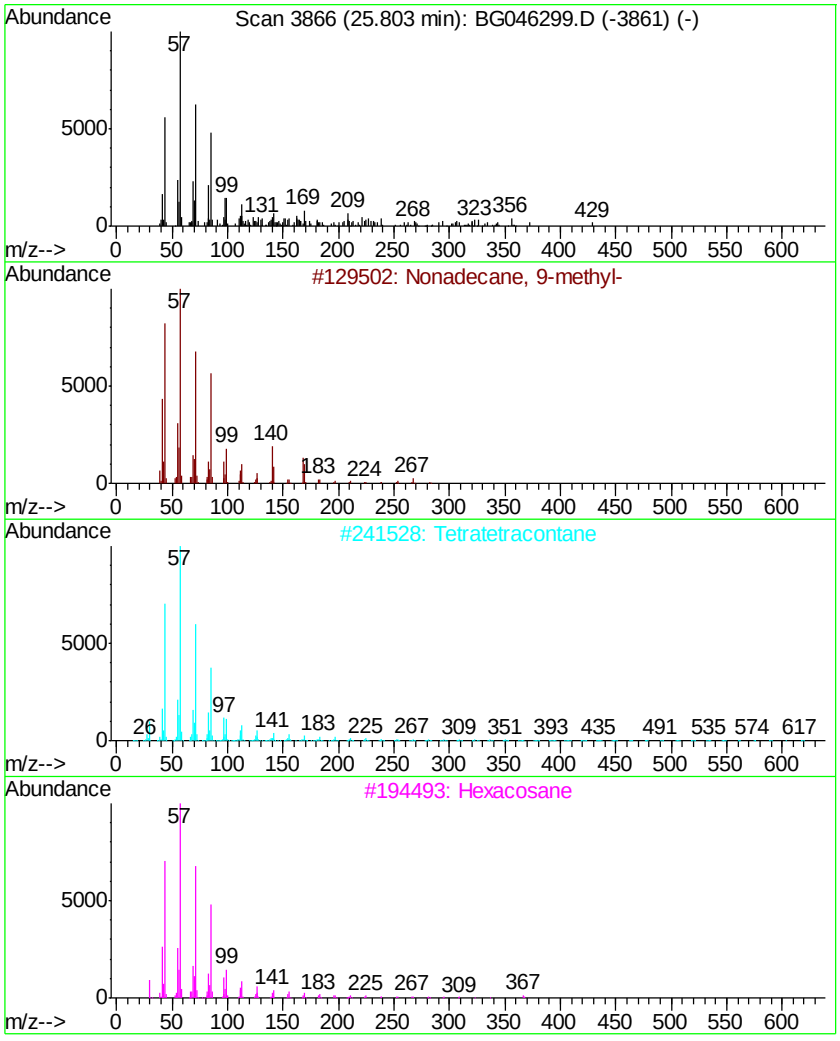
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

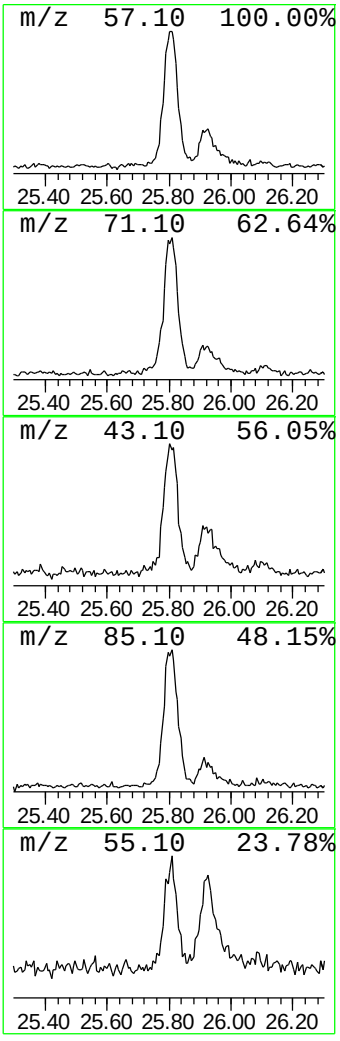
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	2.64 ng/ul	186328	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
2	Tetratetracontane	619	C44H90	007098-22-8	72
3	Hexacosane	366	C26H54	000630-01-3	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM86

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	112.2	ng/ul	1978370	1	7.94	352631	20.0
Hexanoic acid, 4-...	7.11	6.8	ng/ul	120072	1	7.94	352631	20.0
unknown-01	7.27	6.0	ng/ul	105988	1	7.94	352631	20.0
unknown-02	7.47	7.2	ng/ul	127171	1	7.94	352631	20.0
unknown-03	8.65	8.7	ng/ul	152473	1	7.94	352631	20.0
unknown-04	9.09	7.2	ng/ul	126107	1	7.94	352631	20.0
unknown-05	9.82	4.0	ng/ul	104421	2	10.74	528540	20.0
unknown-06	10.87	4.7	ng/ul	123603	2	10.74	528540	20.0
Benzenamine, N,N-...	13.97	7.8	ng/ul	318167	3	14.57	815819	20.0
Dimethyl phthalate	14.02	2.8	ng/ul	114652	3	14.57	815819	20.0
unknown-07	14.77	2.0	ng/ul	82018	3	14.57	815819	20.0
unknown-08	15.67	3.0	ng/ul	123385	3	14.57	815819	20.0
Phenanthrene, 2-m...	18.18	2.7	ng/ul	152680	4	17.31	1125670	20.0
Phenanthrene, 1-m...	18.23	3.2	ng/ul	182115	4	17.31	1125670	20.0
Benzaldehyde, 3,5...	18.38	3.8	ng/ul	212932	4	17.31	1125670	20.0
Phenanthrene, 2,5...	19.10	2.4	ng/ul	132310	4	17.31	1125670	20.0
Heptafluorobutyri...	21.23	3.7	ng/ul	371345	5	21.55	2007220	20.0
(DEL) Alkane: Str...	23.81	2.1	ng/ul	145427	6	24.65	1411860	20.0
Benzo[e]pyrene	24.36	4.0	ng/ul	281248	6	24.65	1411860	20.0
(DEL) Alkane: Str...	25.80	2.6	ng/ul	186328	6	24.65	1411860	20.0