LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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	3.164	8	13	41	rVB	1435753	2845103	100.00%	10.046%
2	3.423	54	57	64	rVB2	9601	15870	0.56%	0.056%
3	3.846	125	129	135	rVB6	6789	12659	0.44%	0.045%
4	3.940	140	145	150	rBV	30535	47048	1.65%	0.166%
5	4.069	162	167	173	rVB	13275	22746	0.80%	0.080%
6	5.068	332	337	345	rBV2	10274	18246	0.64%	0.064%
7	5.162	348	353	361	rVB5	5473	11088	0.39%	0.039%
8	7.112	678	685	696	rBV	139878	262869	9.24%	0.928%
9	7.277	703	713	725	rBV	130867	221387	7.78%	0.782%
10	7.483	742	748	757	rVV	151203	257056	9.04%	0.908%
11	7.565	757	762	764	rVV2	8116	12959	0.46%	0.046%
12	7.953	819	828	836	rBV	275350	465381	16.36%	1.643%
13	8.652	940	947	955	rBV	168739	286995	10.09%	1.013%
14	8.769	963	967	976	rVB3	5887	12310	0.43%	0.043%
15	9.098	1016	1023	1037	rBV	142678	261988	9.21%	0.925%
16	9.827	1140	1147	1157	rVB	114511	208458	7.33%	0.736%
17	10.367	1232	1239	1247	rBV	183705	333562	11.72%	1.178%
18	10.744	1294	1303	1310	rBV	388695	697106	24.50%	2.461%
19	10.873	1318	1325	1339	rBV	125959	244656	8.60%	0.864%
20	13.981	1846	1854	1858	rVV	395949	563275	19.80%	1.989%
21	14.028	1858	1862	1868	rVV	140080	206838	7.27%	0.730%
22	14.269	1896	1903	1917	rBV	403640	682132	23.98%	2.409%
23	14.574	1947	1955	1962	rVV	635872	978407	34.39%	3.455%
24	14.639	1962	1966	1973	rVB2	11685	18983	0.67%	0.067%
25	14.768	1981	1988	2001	rBV	69681	166448	5.85%	0.588%
26	14.974	2019	2023	2029	rVV3	13568	26246	0.92%	0.093%
27	15.567	2117	2124	2130	rBV	576149	863403	30.35%	3.049%
28	15.620	2130	2133	2137	rVV2	21123	31496	1.11%	0.111%
29	15.679	2137	2143	2153	rVV	128903	212664	7.47%	0.751%
30	15.808	2158	2165	2168	rVV6	6118	11018	0.39%	0.039%
31	15.914	2179	2183	2190	rVV3	9131	16798	0.59%	0.059%
32	16.061	2204	2208	2216	rVV3	10658	22157	0.78%	0.078%
33	16.296	2242	2248	2251	rBV3	7753	11876	0.42%	0.042%
34	16.631	2302	2305	2308	rVV5	7289	12303	0.43%	0.043%

LSC Area Percent Report

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Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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	16.854	2337	2343	2347	rBV5	10122	16859	0.59%	0.060%
36	16.971	2357	2363	2370	rVB2	25604	44940	1.58%	0.159%
37	17.054	2370	2377	2382	rBV5	8889	24665	0.87%	0.087%
38	17.136	2387	2391	2399	rVB2	13321	24010	0.84%	0.085%
39	17.318	2415	2422	2426	rBV	775900	1208196	42.47%	4.266%
40	17.359	2426	2429	2433	rVV	323253	446672	15.70%	1.577%
41	17.412	2433	2438	2449	rVV	589587	960994	33.78%	3.393%
42	17.506	2449	2454	2458	rVV5	13547	20130	0.71%	0.071%
43	17.635	2472	2476	2479	rVB4	7820	10727	0.38%	0.038%
44	17.712	2479	2489	2494	rBV2	28002	61379	2.16%	0.217%
45	17.841	2507	2511	2517	rVV4	14628	22278	0.78%	0.079%
46	17.900	2517	2521	2529	rVB7	14668	29610	1.04%	0.105%
47	18.000	2529	2538	2541	rBV9	8272	17658	0.62%	0.062%
48	18.194	2561	2571	2573	rBV	67559	109336	3.84%	0.386%
49	18.217	2573	2575	2576	rVV	75483	74849	2.63%	0.264%
50	18.241	2576	2579	2585	rVV	105844	154227	5.42%	0.545%
51	18.317	2589	2592	2597	rVB	23171	35513	1.25%	0.125%
52	18.387	2597	2604	2608	rBV2	79714	159974	5.62%	0.565%
53	18.423	2608	2610	2615	rVB	47363	59487	2.09%	0.210%
54	18.687	2650	2655	2658	rBV	59544	90346	3.18%	0.319%
55	18.722	2658	2661	2669	rVB2	67625	95573	3.36%	0.337%
56	18.934	2694	2697	2702	rVV2	24107	30938	1.09%	0.109%
57	18.987	2702	2706	2709	rVV2	21742	27582	0.97%	0.097%
58	19.028	2709	2713	2717	rVB3	19149	29315	1.03%	0.104%
59	19.104	2717	2726	2730	rBV2	68925	131703	4.63%	0.465%
60	19.163	2730	2736	2740	rVV6	25217	60746	2.14%	0.214%
61	19.192	2740	2741	2745	rVB	20560	20178	0.71%	0.071%
62	19.239	2745	2749	2758	rVB3	59887	101428	3.57%	0.358%
63	19.369	2759	2771	2776	rBV	708453	1045940	36.76%	3.693%
64	19.469	2784	2788	2789	rBV4	16046	21271	0.75%	0.075%
65	19.516	2793	2796	2800	rVB	51076	56008	1.97%	0.198%
66	19.563	2800	2804	2806	rBV2	21360	30528	1.07%	0.108%
67	19.698	2821	2827	2830	rBV2	874172	1394785	49.02%	4.925%
68	19.727	2830	2832	2840	rVV	658228	800867	28.15%	2.828%
69	19.798	2840	2844	2850	rVB3	38987	67224	2.36%	0.237%
70	19.903	2857	2862	2868	rBV2	46229	96547	3.39%	0.341%
71	19.962	2869	2872	2877	rVB	37286	55321	1.94%	0.195%

LSC Area Percent Report

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Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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	20.038	2880	2885	2894	rBV3	153365	321979	11.32%	1.137%
73	20.185	2905	2910	2912	rBV4	49603	80234	2.82%	0.283%
74	20.215	2912	2915	2920	rVB	98745	141242	4.96%	0.499%
75	20.321	2928	2933	2936	rBV	52804	82416	2.90%	0.291%
76	20.373	2937	2942	2947	rVB2	87040	150650	5.30%	0.532%
77	20.514	2962	2966	2970	rBV2	53773	73488	2.58%	0.259%
78	20.561	2970	2974	2978	rVV2	50805	72153	2.54%	0.255%
79	20.967	3040	3043	3051	rVB	96697	155133	5.45%	0.548%
80	21.149	3068	3074	3078	rBV2	55795	124701	4.38%	0.440%
81	21.196	3078	3082	3084	rVV	79416	111437	3.92%	0.393%
82	21.231	3084	3088	3095	rVV3	265605	491074	17.26%	1.734%
83	21.296	3095	3099	3109	rVB2	99187	187029	6.57%	0.660%
84	21.560	3136	3144	3149	rBV3	933960	2031406	71.40%	7.173%
85	21.601	3149	3151	3164	rVB	349685	568975	20.00%	2.009%
86	21.778	3174	3181	3184	rBV5	66452	142951	5.02%	0.505%
87	21.954	3208	3211	3217	rVB3	31318	51283	1.80%	0.181%
88	22.271	3263	3265	3271	rVB	85495	113573	3.99%	0.401%
89	22.377	3274	3283	3288	rVV7	93285	266261	9.36%	0.940%
90	22.530	3307	3309	3314	rVB4	27407	42111	1.48%	0.149%
91	23.041	3393	3396	3402	rVB2	62751	100735	3.54%	0.356%
92	23.687	3498	3506	3514	rBV	266847	904496	31.79%	3.194%
93	23.816	3524	3528	3533	rBV	90146	169202	5.95%	0.597%
94	24.380	3618	3624	3629	rBV2	127845	309772	10.89%	1.094%
95	24.451	3630	3636	3643	rVV	374638	1008227	35.44%	3.560%
96	24.516	3643	3647	3659	rVB	215917	568677	19.99%	2.008%
97	24.668	3664	3673	3681	rBV2	490521	1357491	47.71%	4.793%
98	24.733	3681	3684	3696	rVB3	108624	247205	8.69%	0.873%
99	25.832	3865	3871	3880	rVB2	80144	198866	6.99%	0.702%
100	28.170	4260	4269	4290	rVB3	110241	549121	19.30%	1.939%

Sum of corrected areas: 28321223

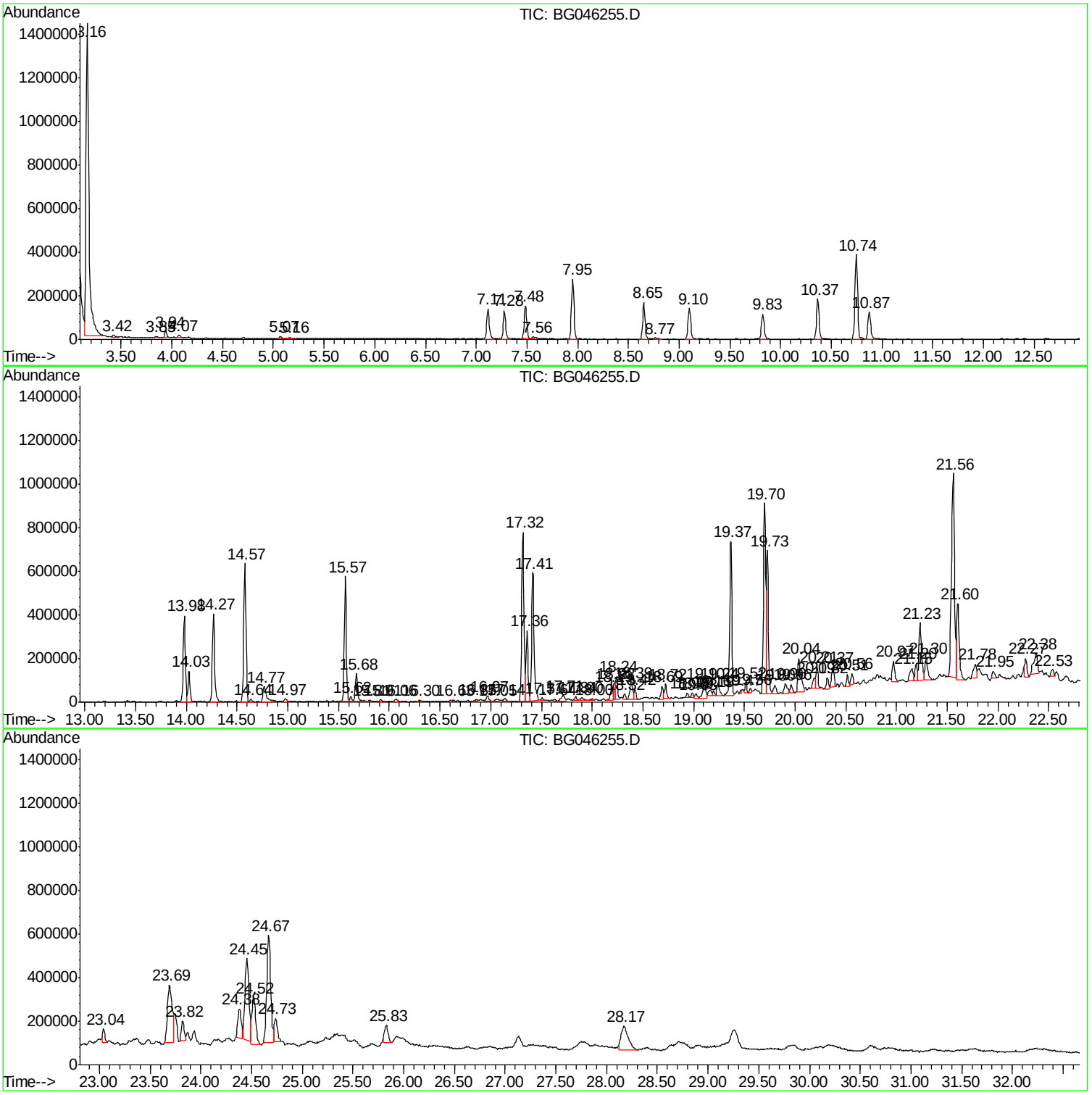
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

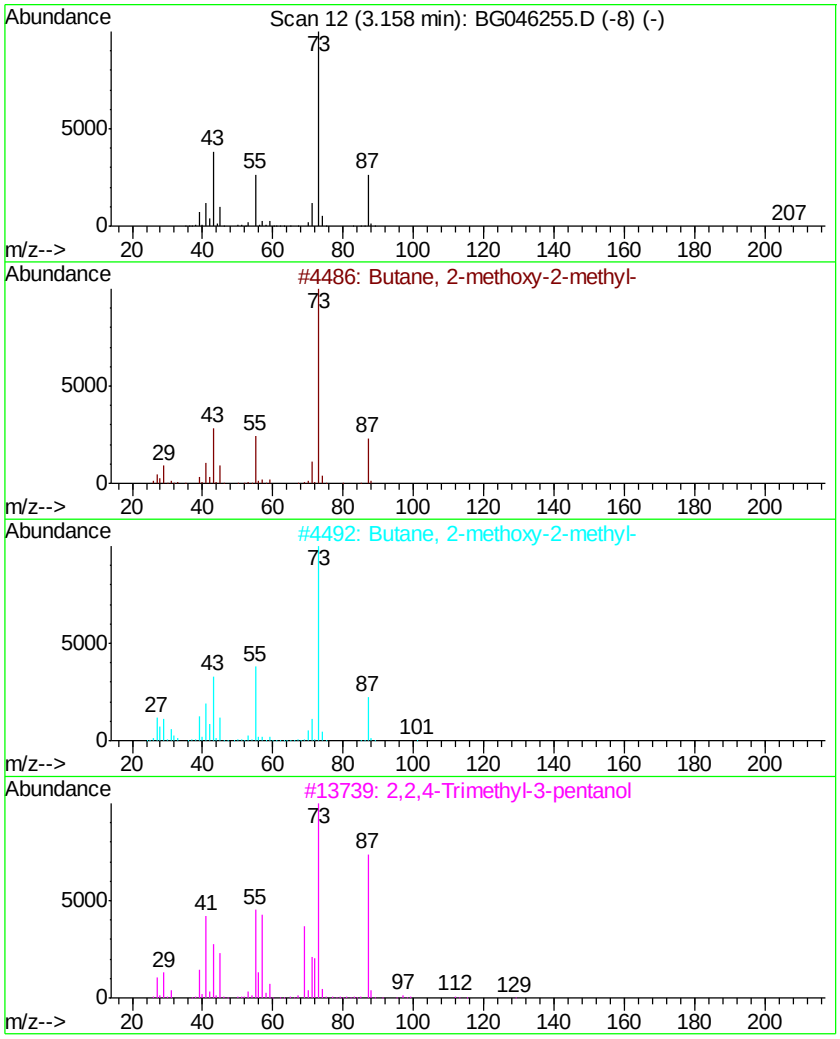
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

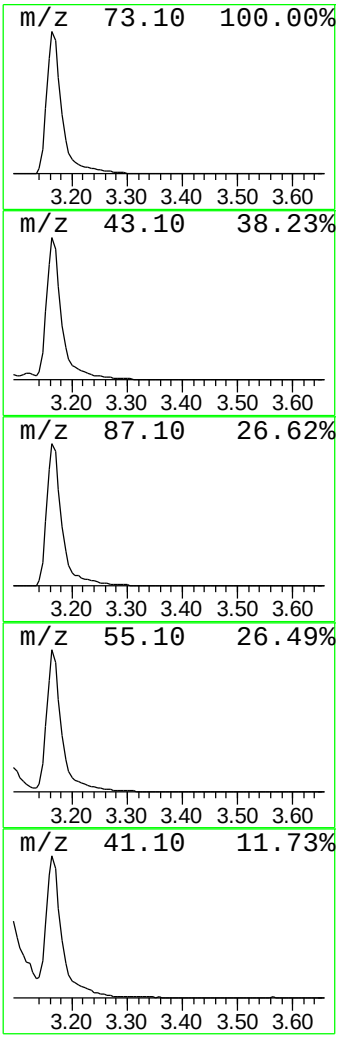
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	122.27 ng/ul	2845100	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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

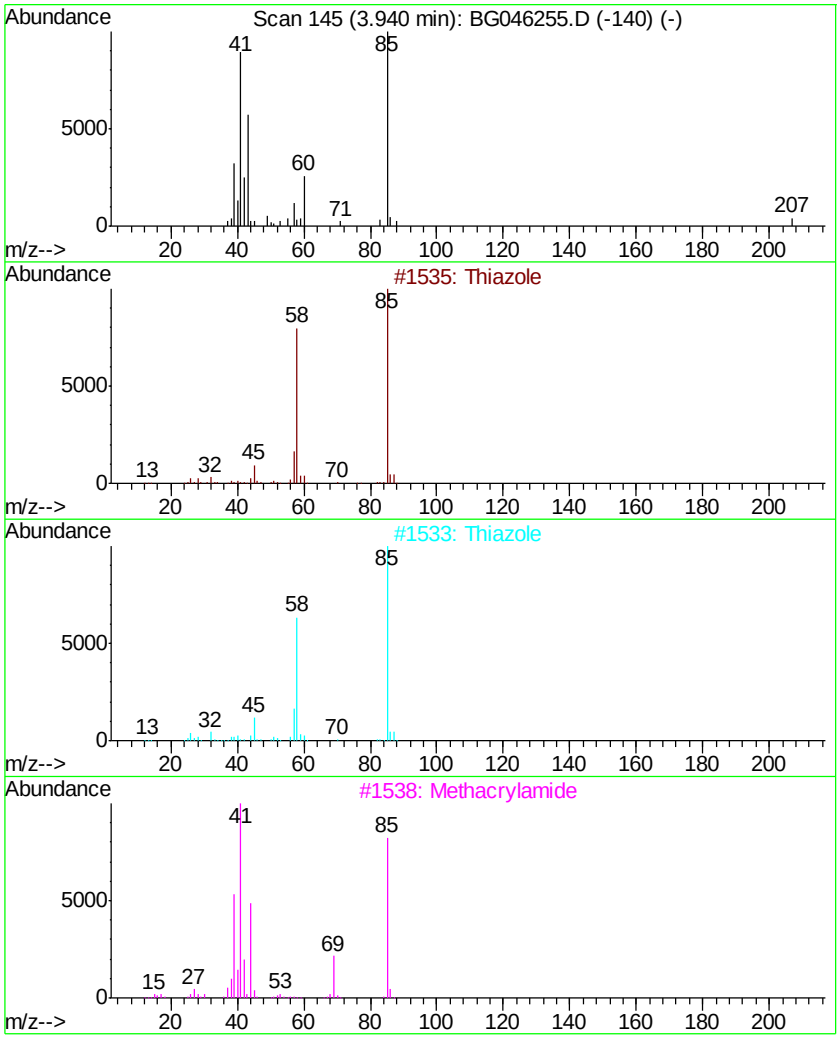
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

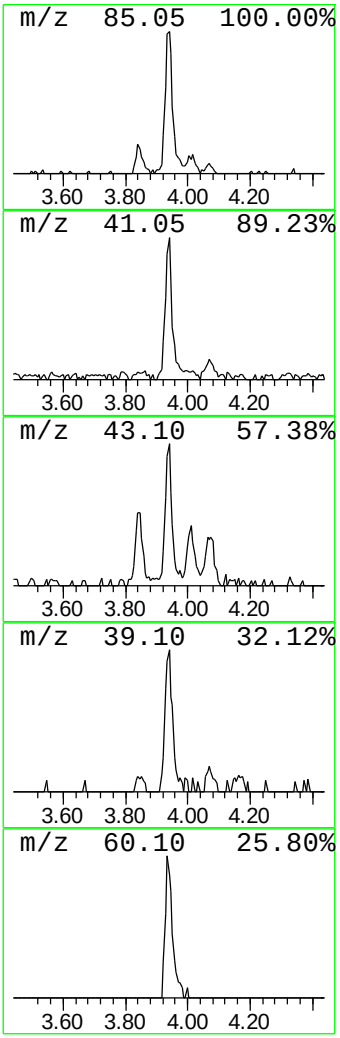
****

Peak Number 2 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	2.02 ng/ul	47048	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole	85	C3H3NS	000288-47-1	43
2	Thiazole	85	C3H3NS	000288-47-1	43
3	Methacrylamide	85	C4H7NO	000079-39-0	42
4	Methacrylamide	85	C4H7NO	000079-39-0	42
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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

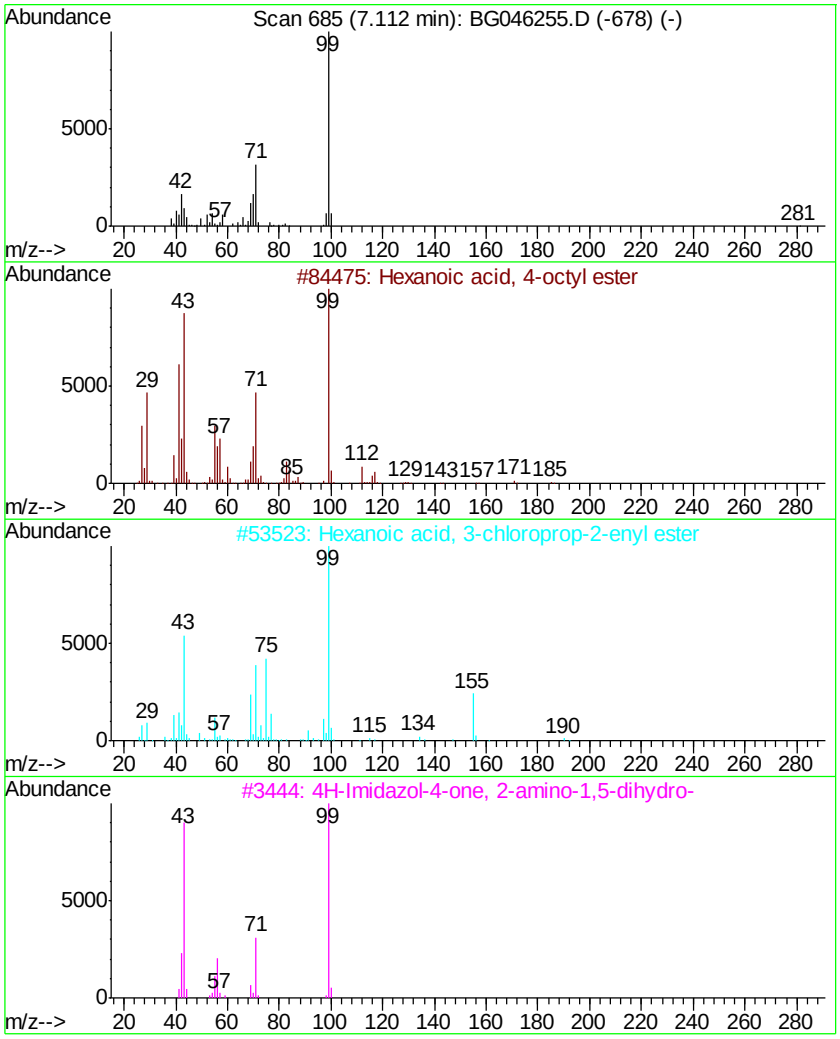
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

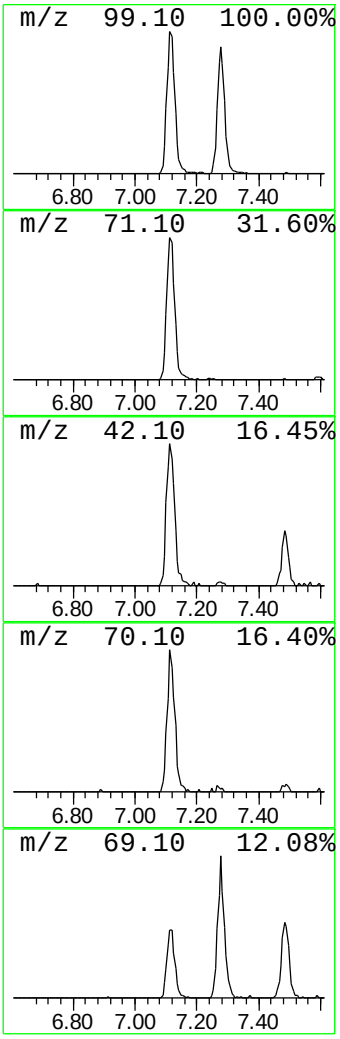
****

Peak Number 3 Hexanoic acid, 4-octyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	11.30 ng/ul	262869	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-octyl ester	228	C14H28O2	1000160-13-3	72
2	Hexanoic acid, 3-chloroprop-2-en...	190	C9H15ClO2	1000299-36-1	59
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, 2-tetradecyl ester	312	C20H40O2	055193-21-0	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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

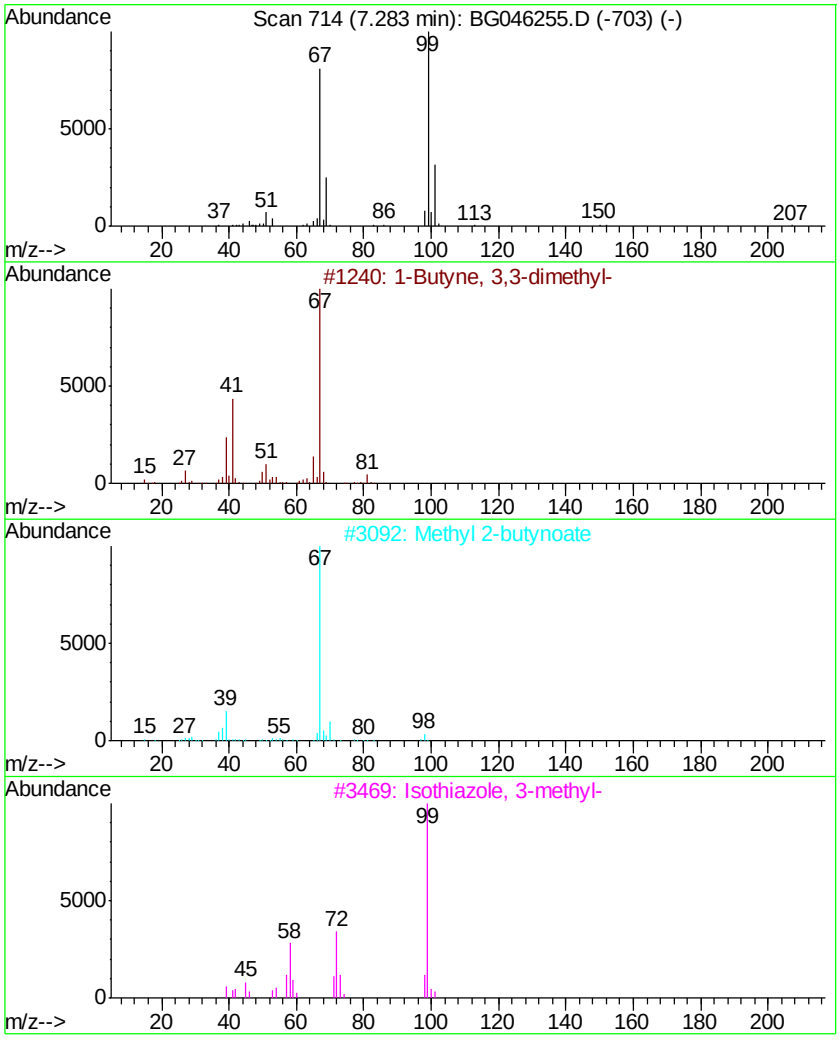
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

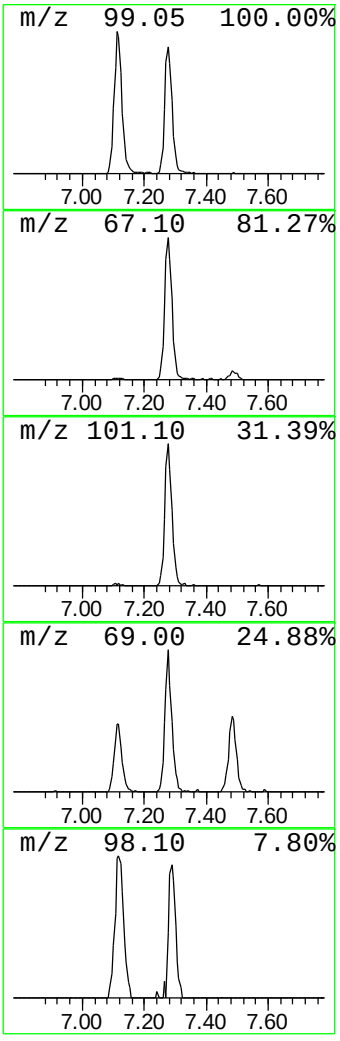
****

Peak Number 4 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	9.51 ng/ul	221387	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	12
2	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
3	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
4	4-Methylthiazole	99	C4H5NS	000693-95-8	9
5	1-Hexyne	82	C6H10	000693-02-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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

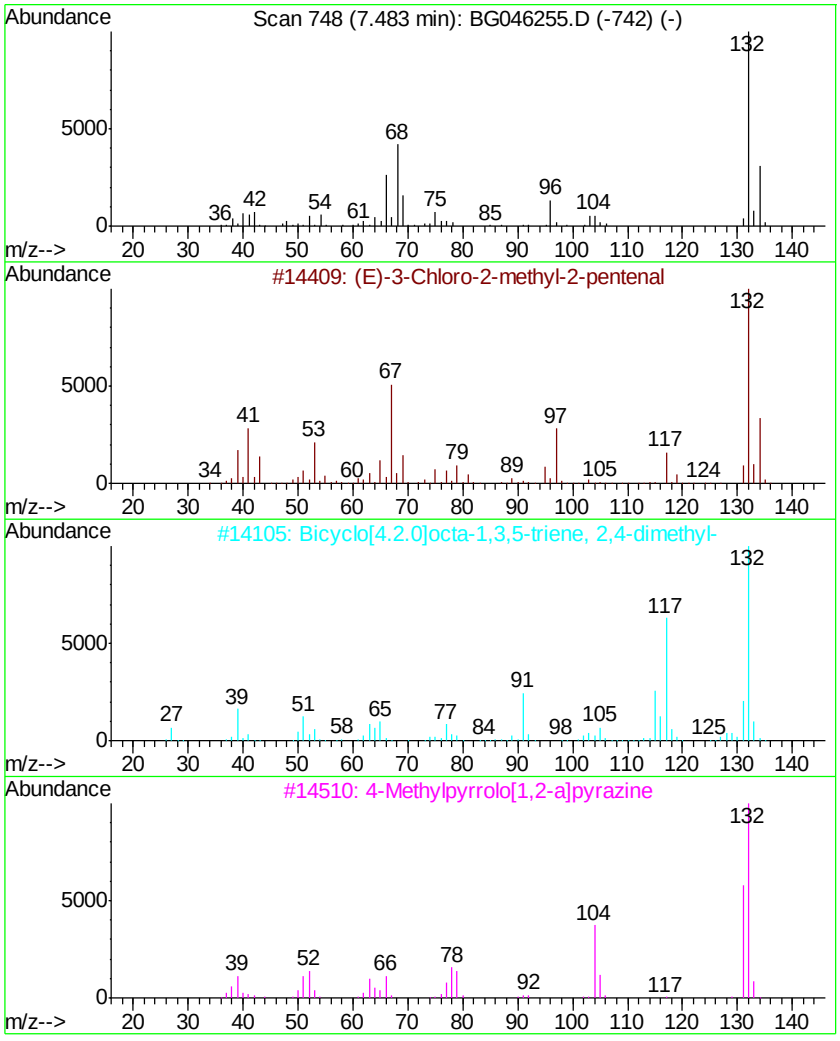
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

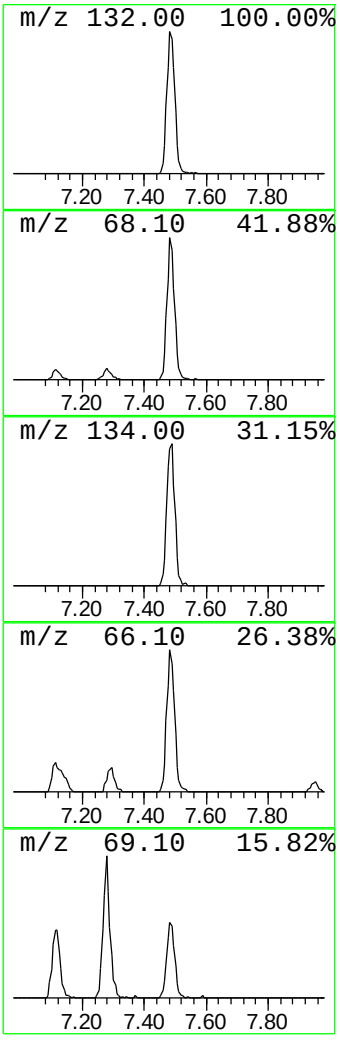
****

Peak Number 5 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	11.05 ng/ul	257056	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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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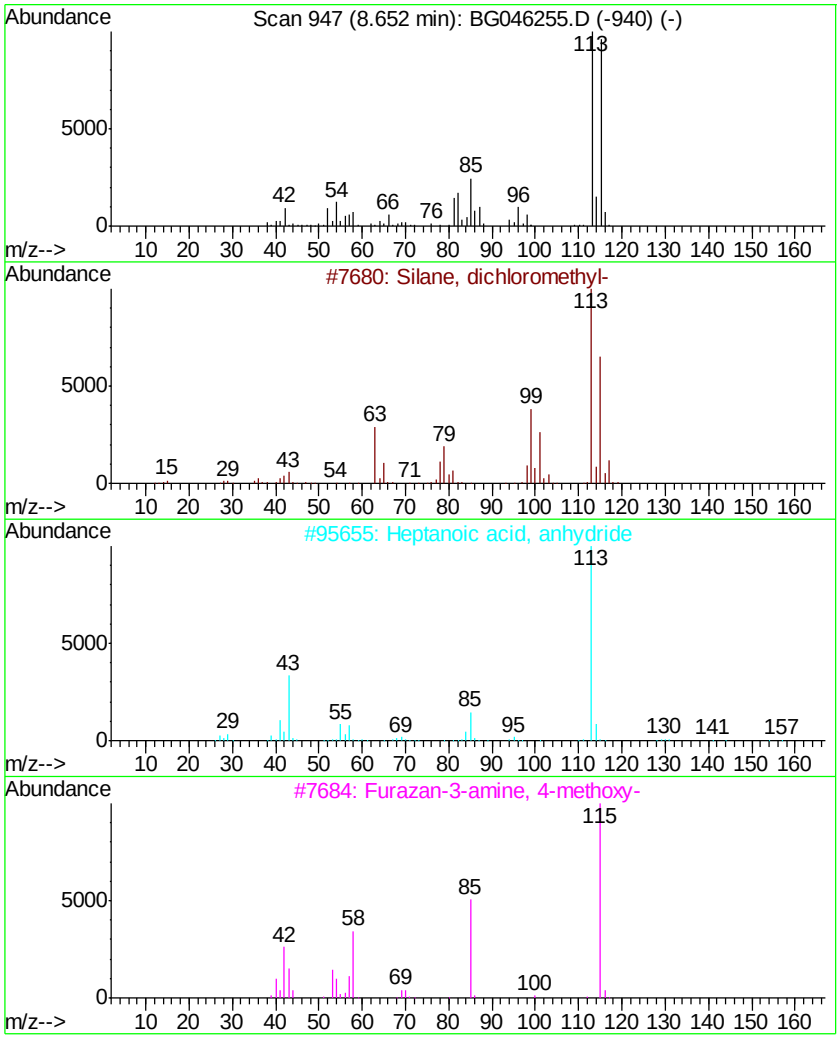
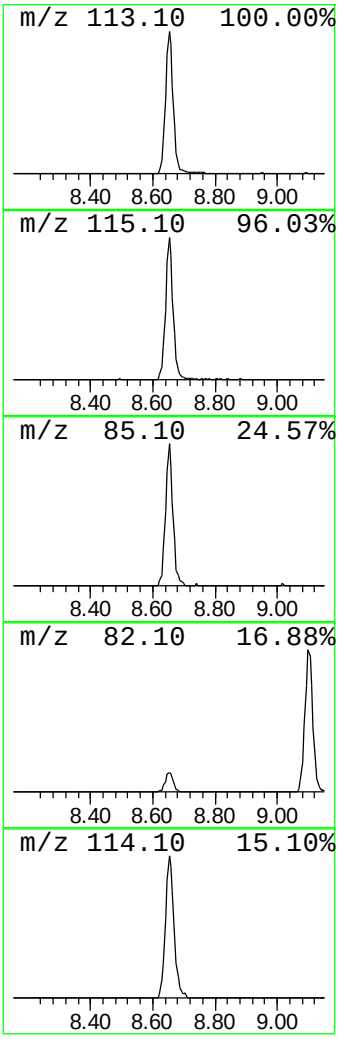
Peak Number 6 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	12.33 ng/ul	286995	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	27
3	Furazan-3-amine, 4-methoxy-	115	C3H5N3O2	078350-48-8	25
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25
5	1H-1,2,4-Triazole, 3-thiol-5-met...	115	C3H5N3S	007271-44-5	22





Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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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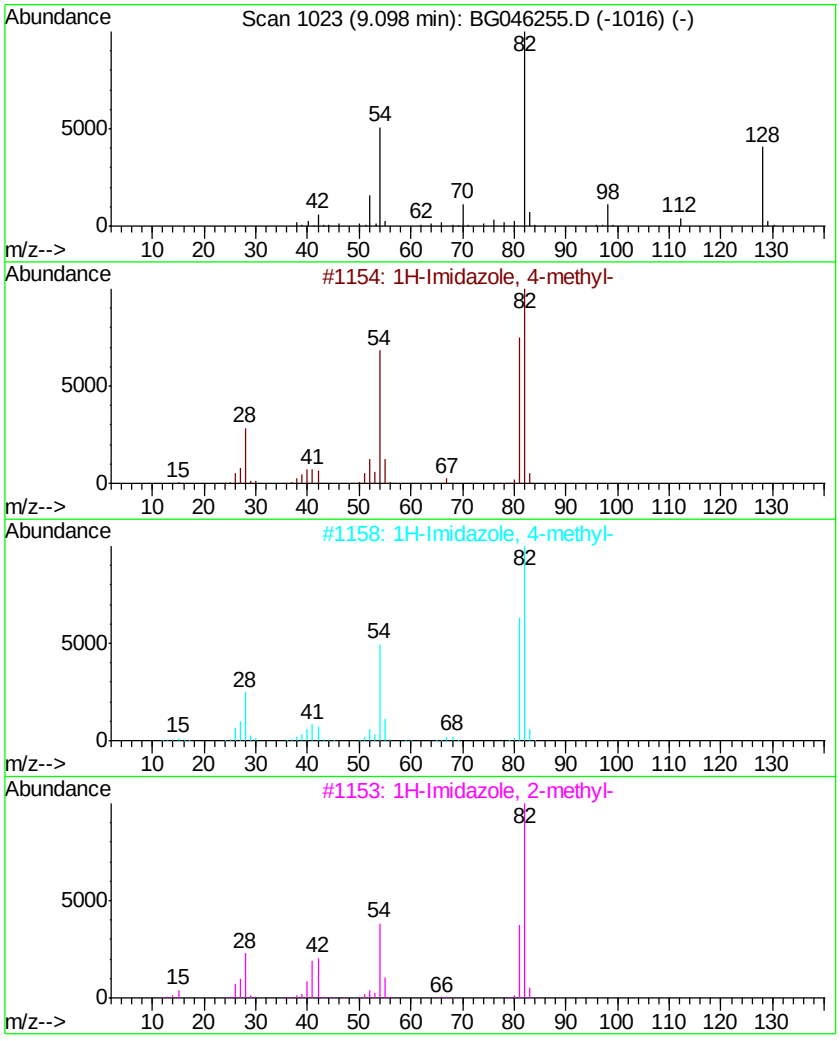
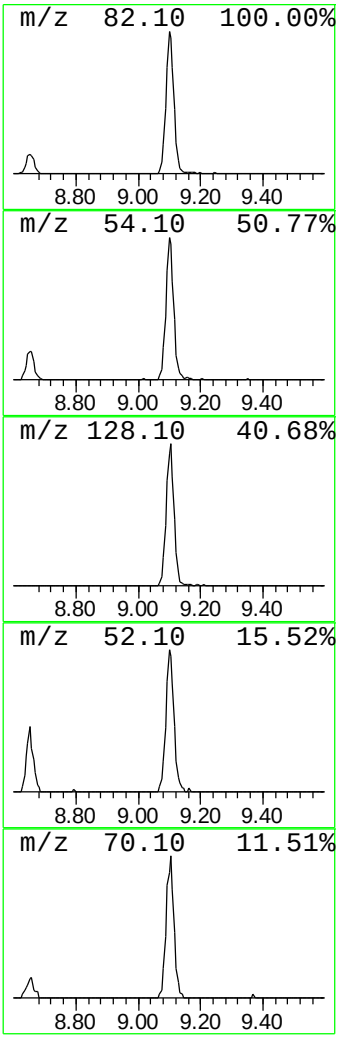
Peak Number 7 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	11.26 ng/ul	261988	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	40
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
5	Butyramide, 2-cyano-2-ethyl-	140	C7H12N2O	018705-38-9	17





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Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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Quant Title : SVOA CALIBRATION

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

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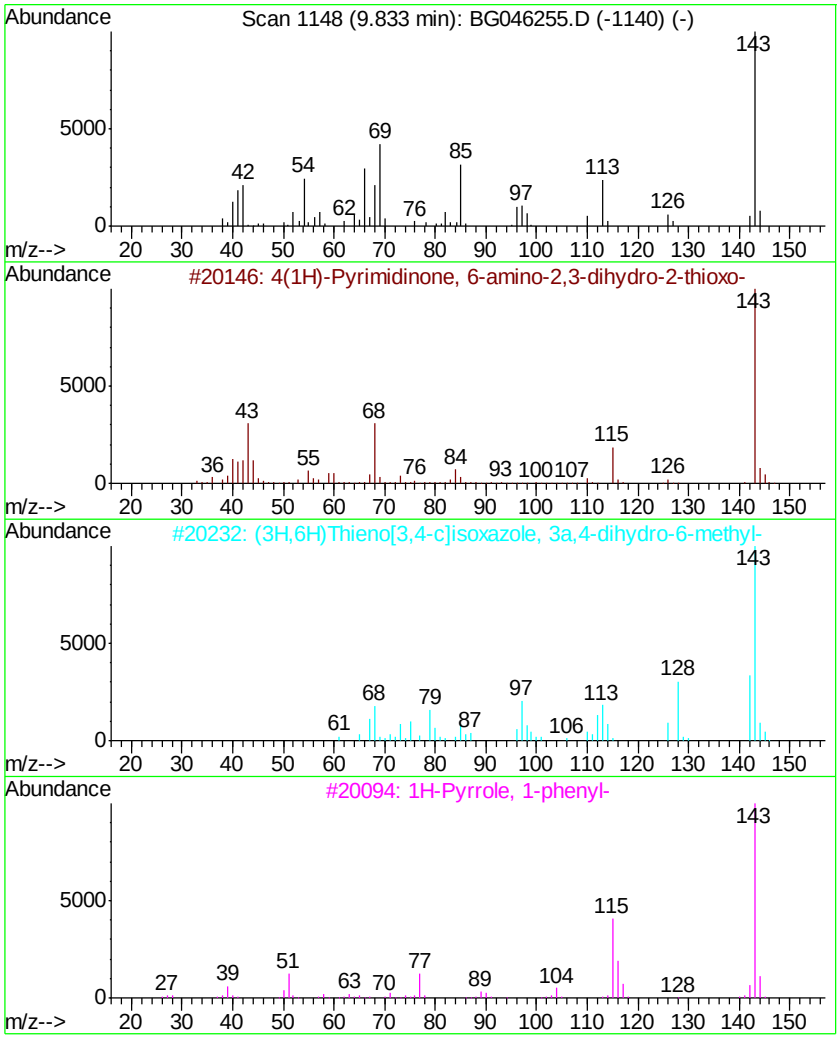
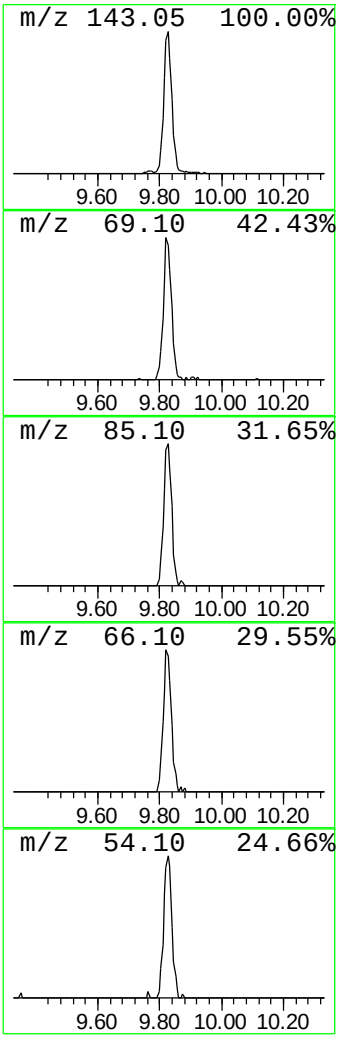
Peak Number 8 unknown-06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	5.98 ng/ul	208458	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	25
2	(3H,6H)Thieno[3,4-c]isoxazole, 3...	143	C6H9NOS	1000115-56-0	16
3	1H-Pyrrole, 1-phenyl-	143	C10H9N	000635-90-5	14
4	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12
5	2,3-Dimethyl-5-methylamino-1,3,4...	143	C5H9N3S	1000288-97-2	10





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Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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Quant Title : SVOA CALIBRATION

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

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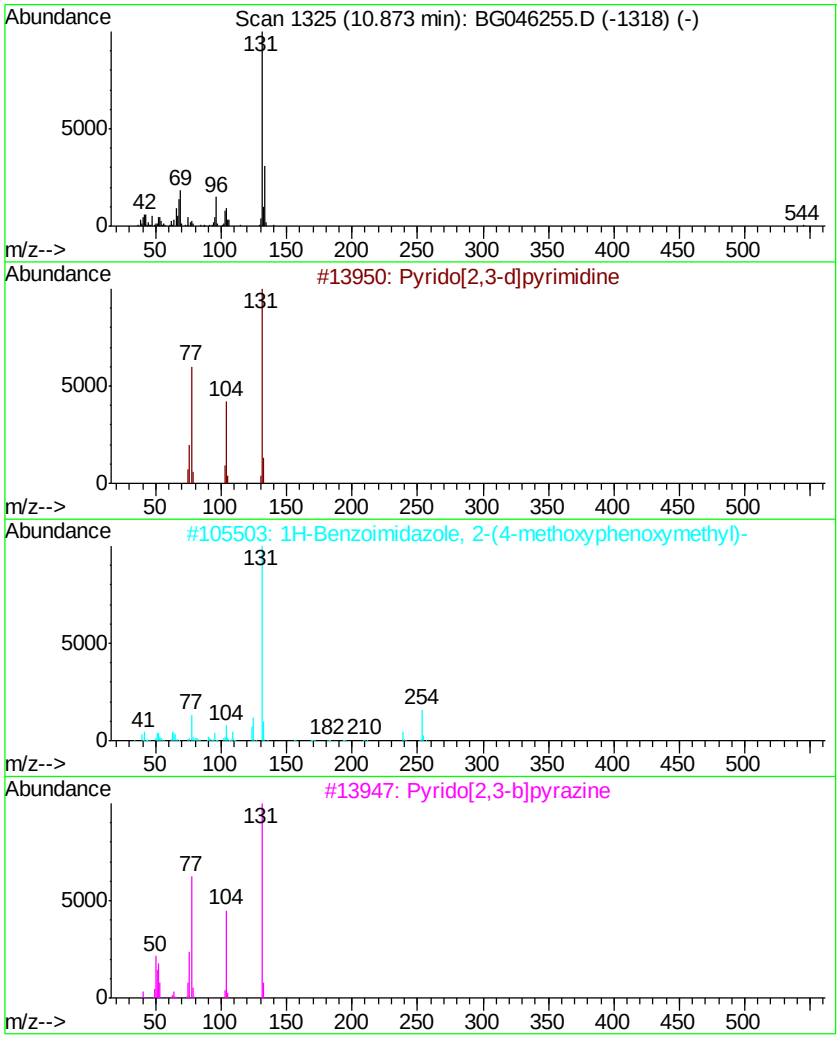
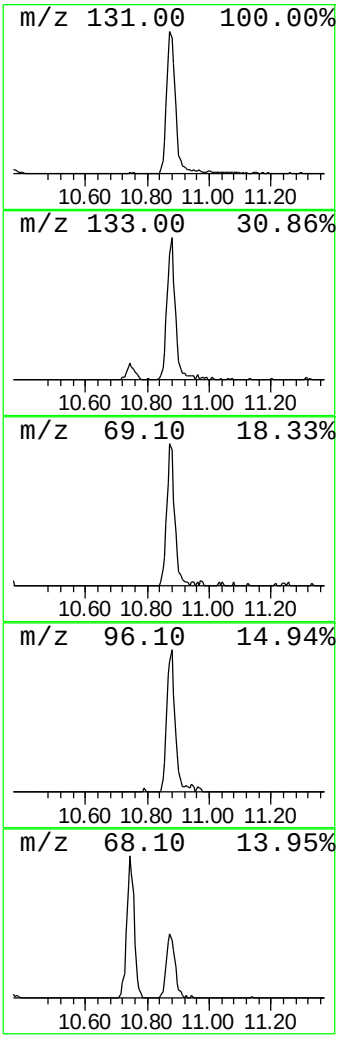
Peak Number 9 Pyrido[2,3-d]pyrimidine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	7.02 ng/ul	244656	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	59
2	1H-Benzoimidazole, 2-(4-methoxyp...	254	C15H14N2O2	1000303-90-9	40
3	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
4	4-(3,4,5,6-Tetrahydroxy-2-oxo-he...	280	C13H16N2O5	1000189-82-8	36
5	3-Hydroxy-2-p-tolyl-2-butenenitrile	173	C11H11NO	1000243-87-8	33





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Operator : CG/JU
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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Quant Title : SVOA CALIBRATION

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

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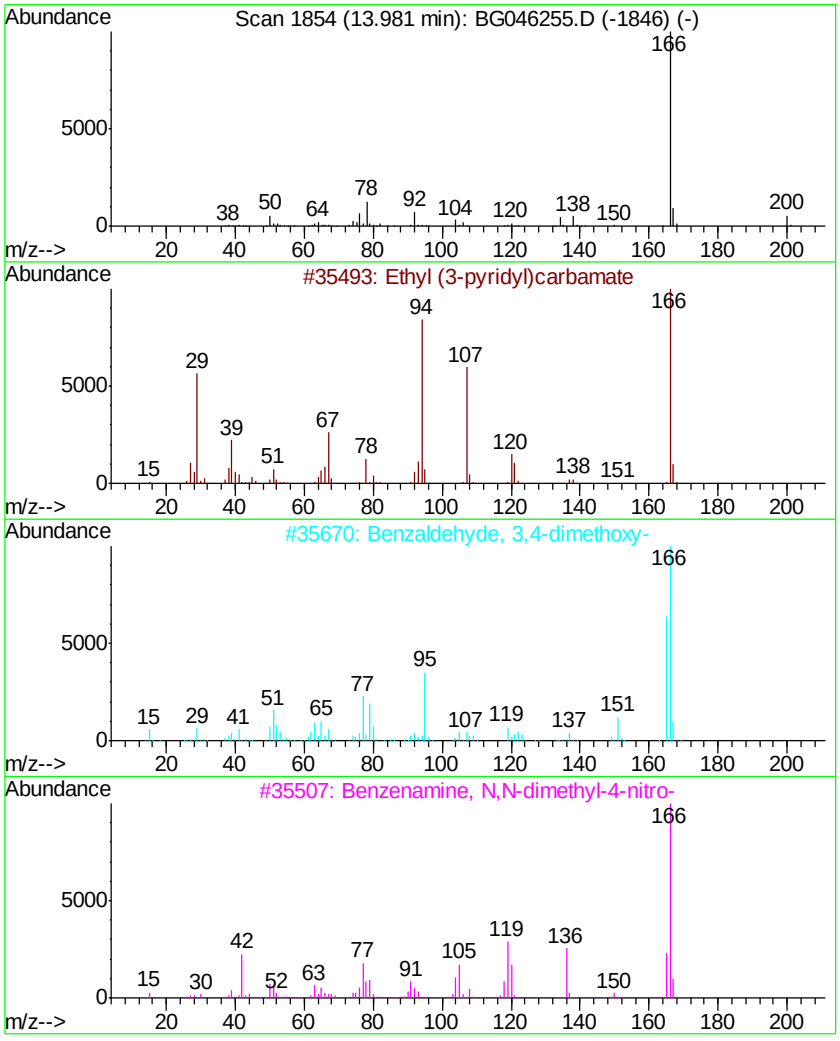
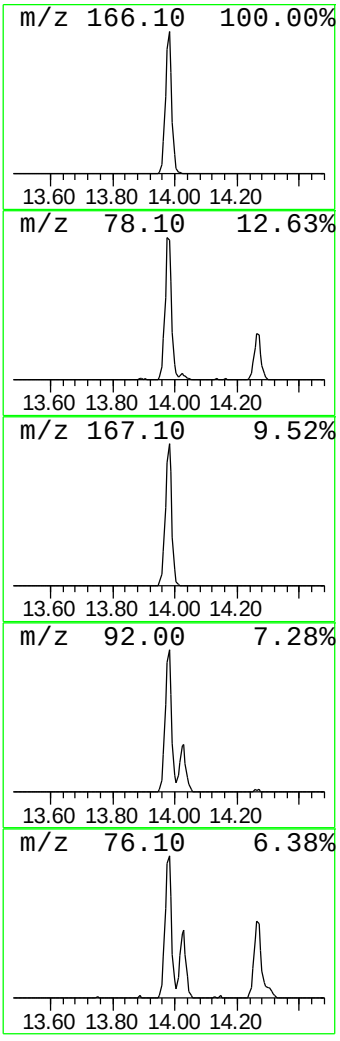
Peak Number 10 unknown-07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	11.51 ng/ul	563275	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
2	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	38
3	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
4	1H-Benzimidazole, 5-chloro-2-met...	166	C8H7ClN2	002818-69-1	9
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	9





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Acq On : 13 Aug 2020 19:01
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Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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Quant Title : SVOA CALIBRATION

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

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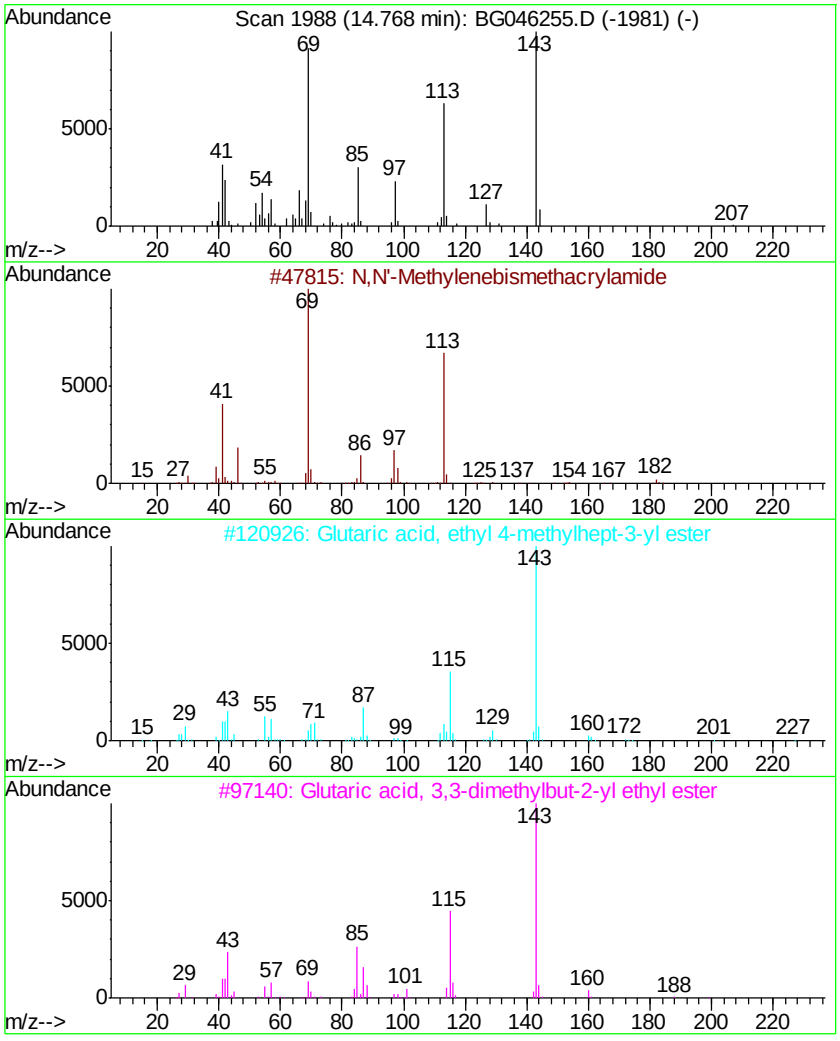
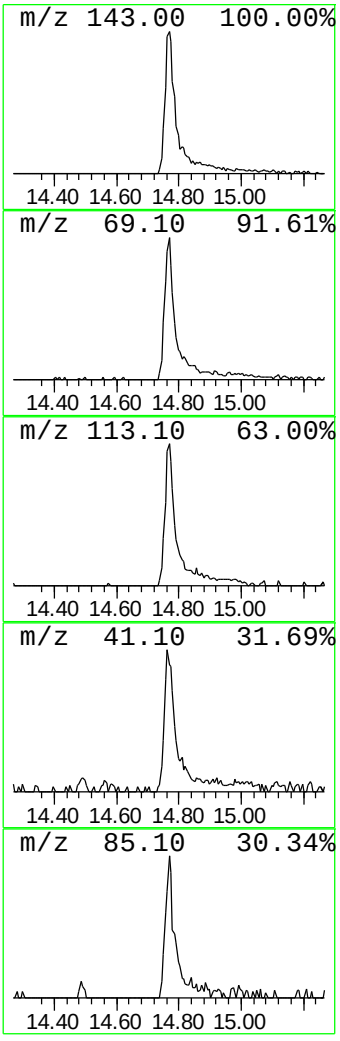
Peak Number 12 unknown-08 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.40 ng/ul	166448	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	35
2	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22
3	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	16
4	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
5	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	14





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Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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Quant Title : SVOA CALIBRATION

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

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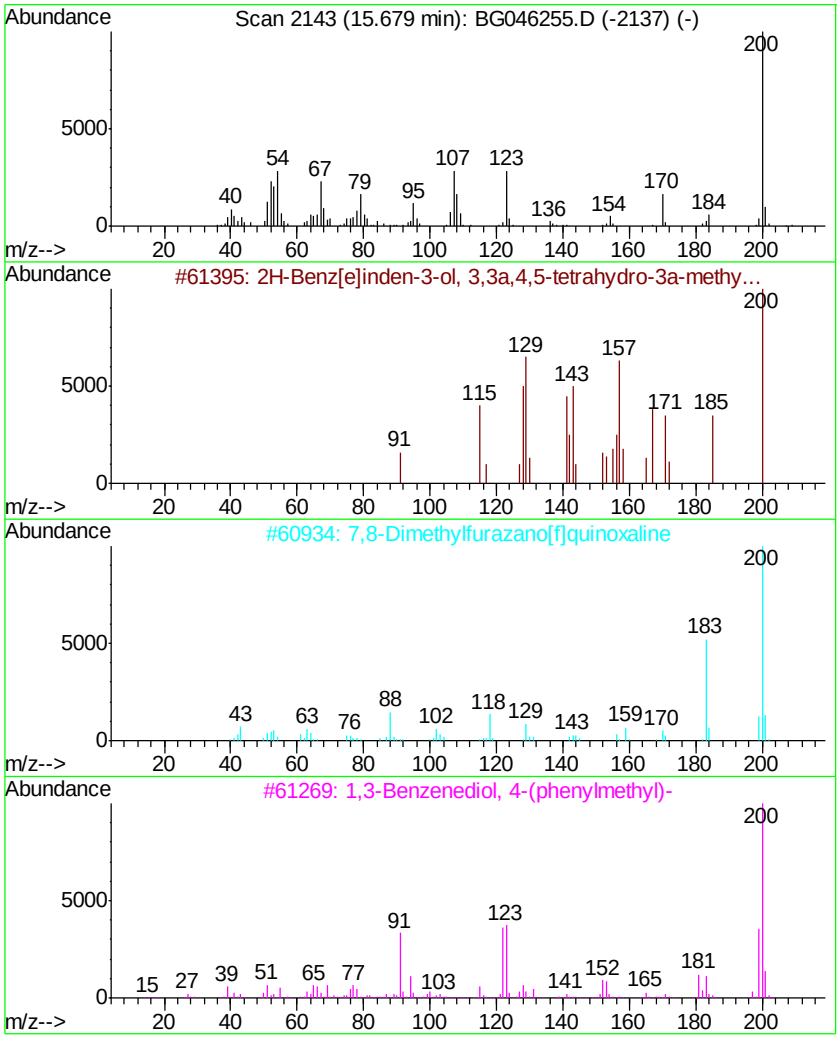
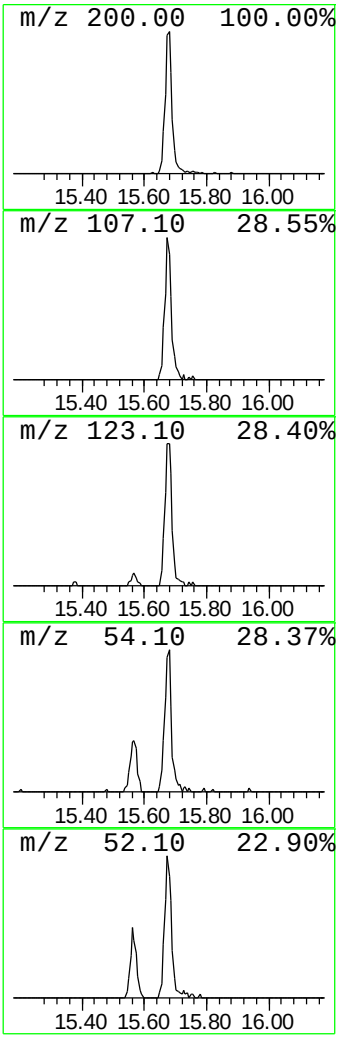
Peak Number 13 unknown-09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	4.35 ng/ul	212664	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	35
2	7,8-Dimethylfurazano[f]quinoxaline	200	C10H8N4O	1000110-74-6	22
3	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	22
4	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
5	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	12





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Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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Quant Title : SVOA CALIBRATION

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

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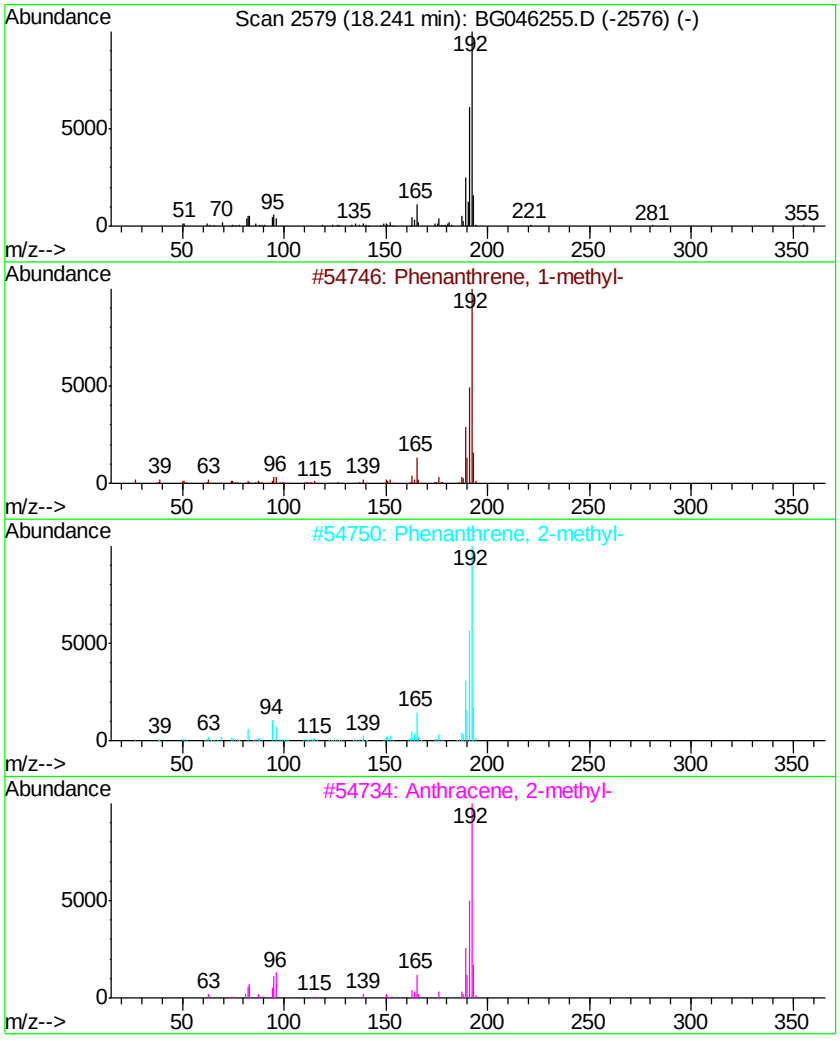
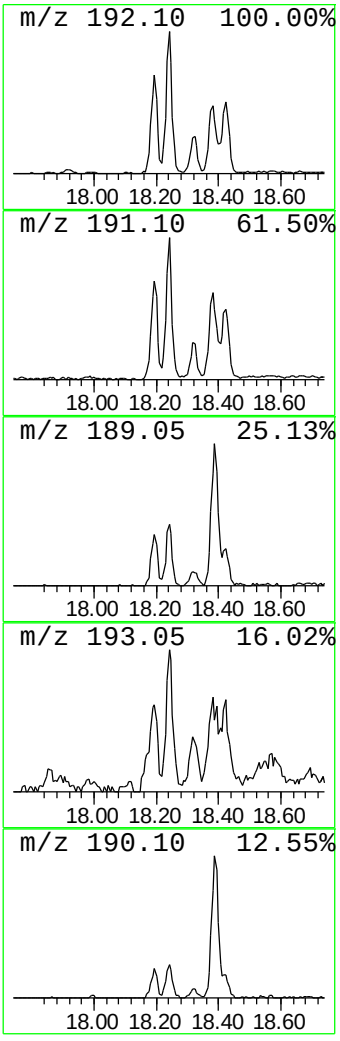
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.55 ng/ul	154227	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Instrument : BNA_G
ClientSampleId : BFM66

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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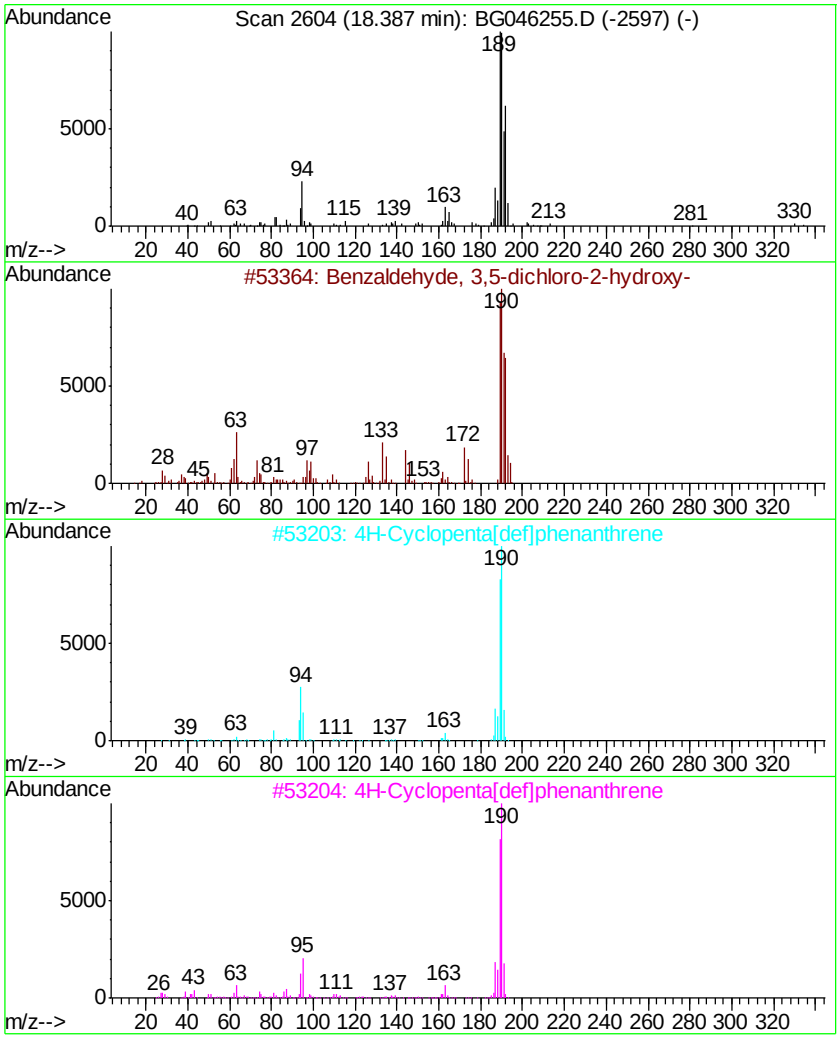
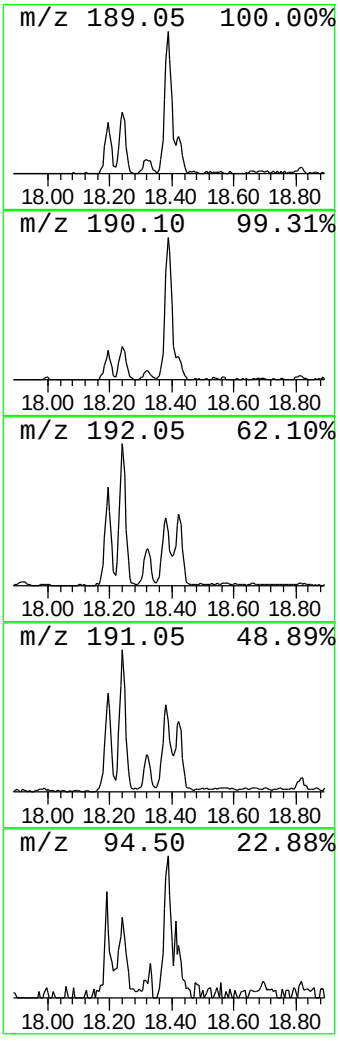
Peak Number 15 Benzaldehyde, 3,5-dichloro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.65 ng/ul	159974	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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Quant Title : SVOA CALIBRATION

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

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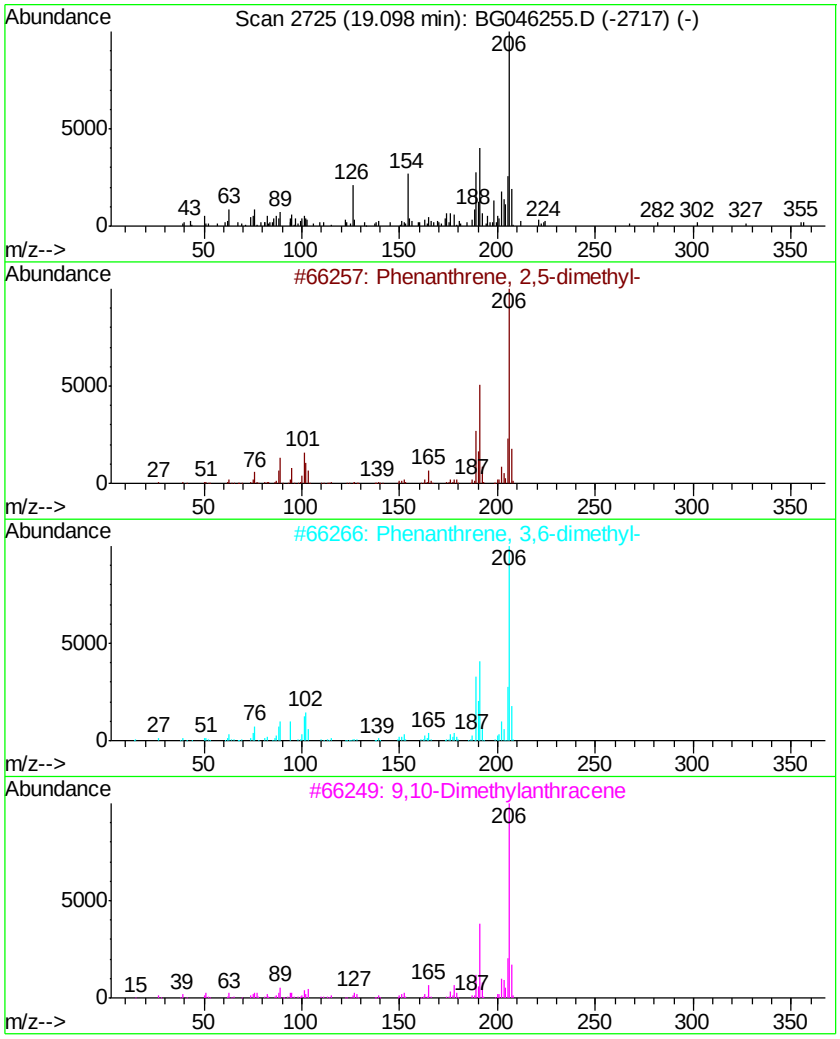
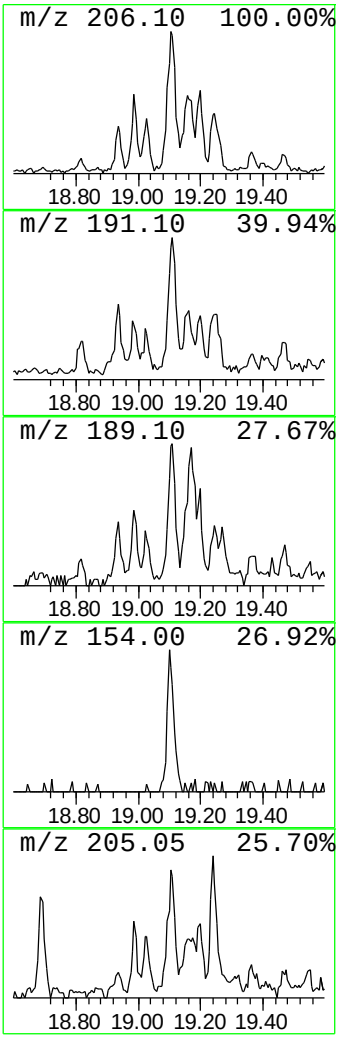
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.18 ng/ul	131703	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Instrument : BNA_G
ClientSampleId : BFM66

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Quant Title : SVOA CALIBRATION

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

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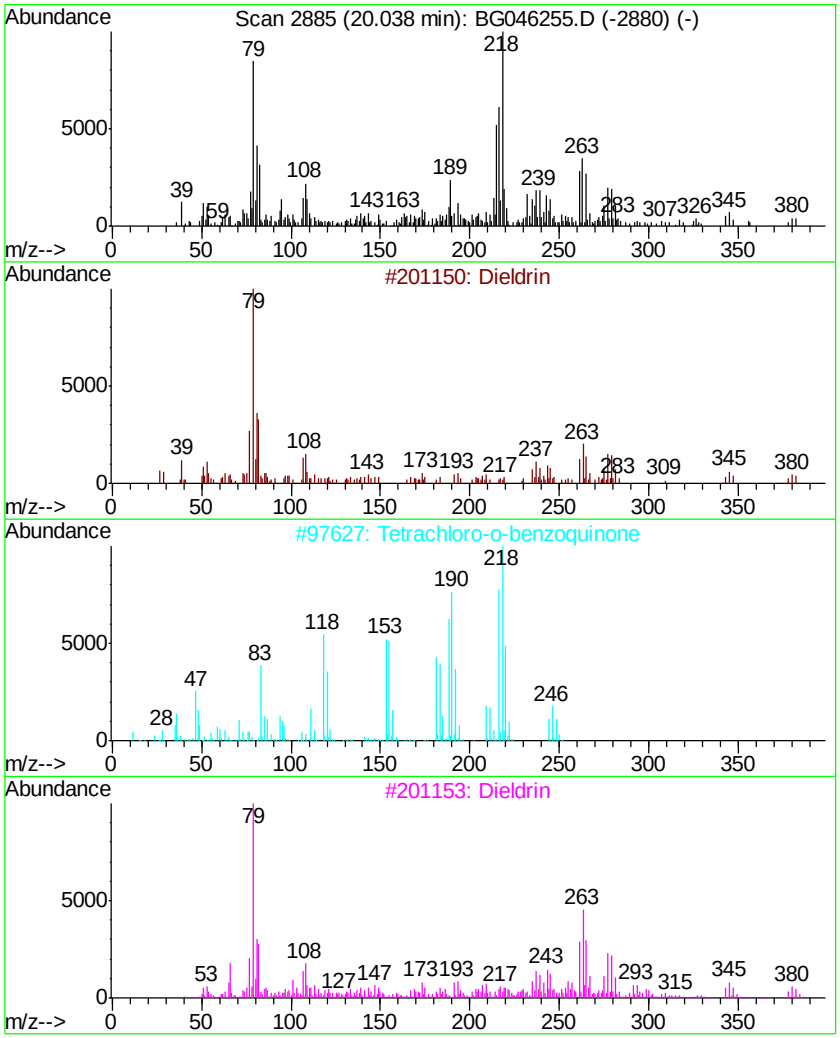
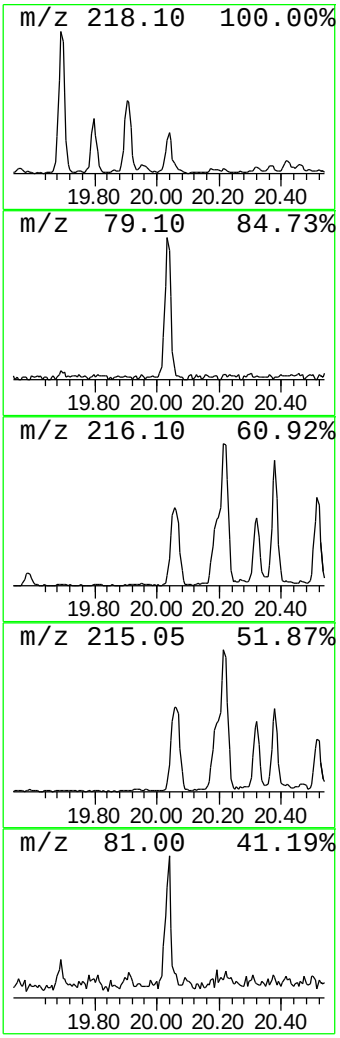
Peak Number 17 Dieldrin Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	3.17 ng/ul	321979	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	97
2	Tetrachloro-o-benzoquinone	244	C6Cl4O2	002435-53-2	90
3	Dieldrin	378	C12H8Cl6O	000060-57-1	89
4	Dieldrin	378	C12H8Cl6O	000060-57-1	59
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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

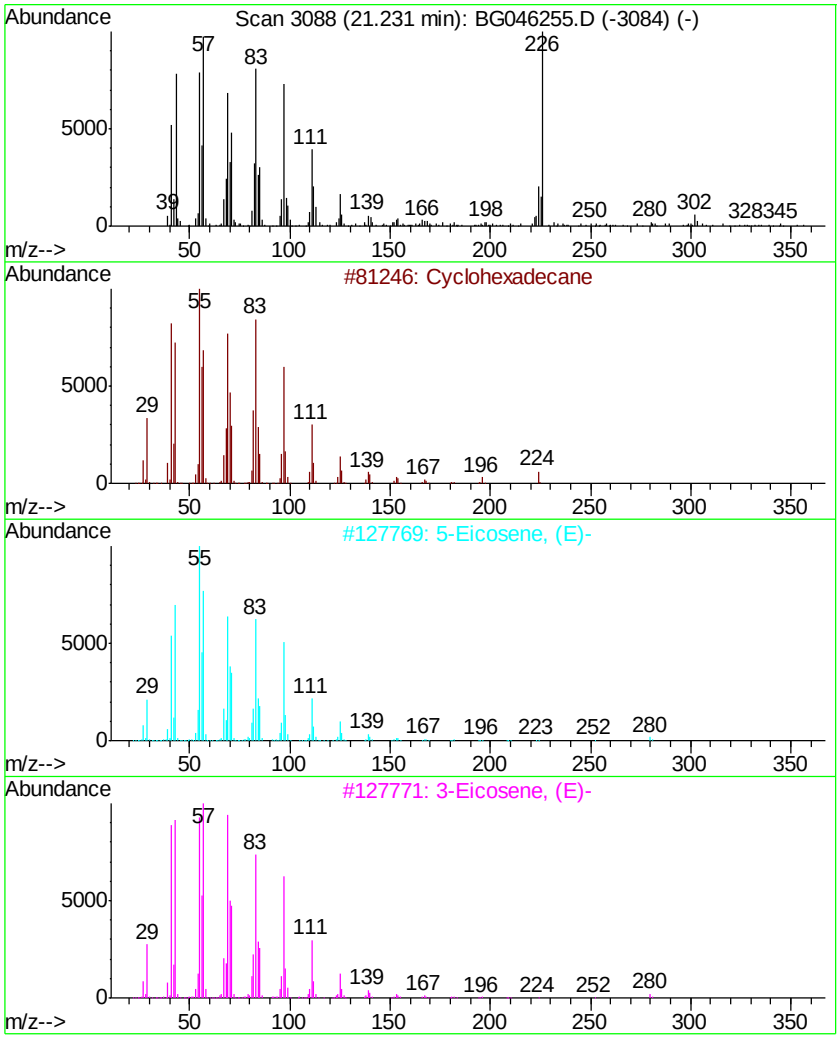
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

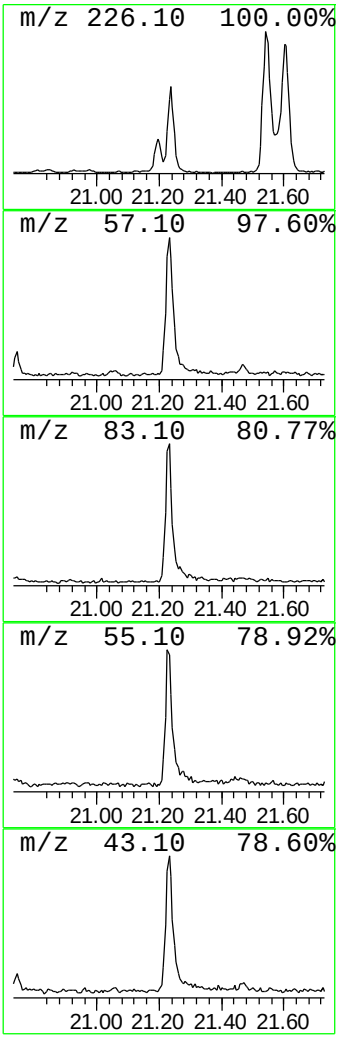
****

Peak Number 18 (DEL) Alkane: Cyclic21.23 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.83 ng/ul	491074	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
4	1-Nonadecene	266	C19H38	018435-45-5	92
5	E-14-Hexadecenal	238	C16H30O	330207-53-9	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

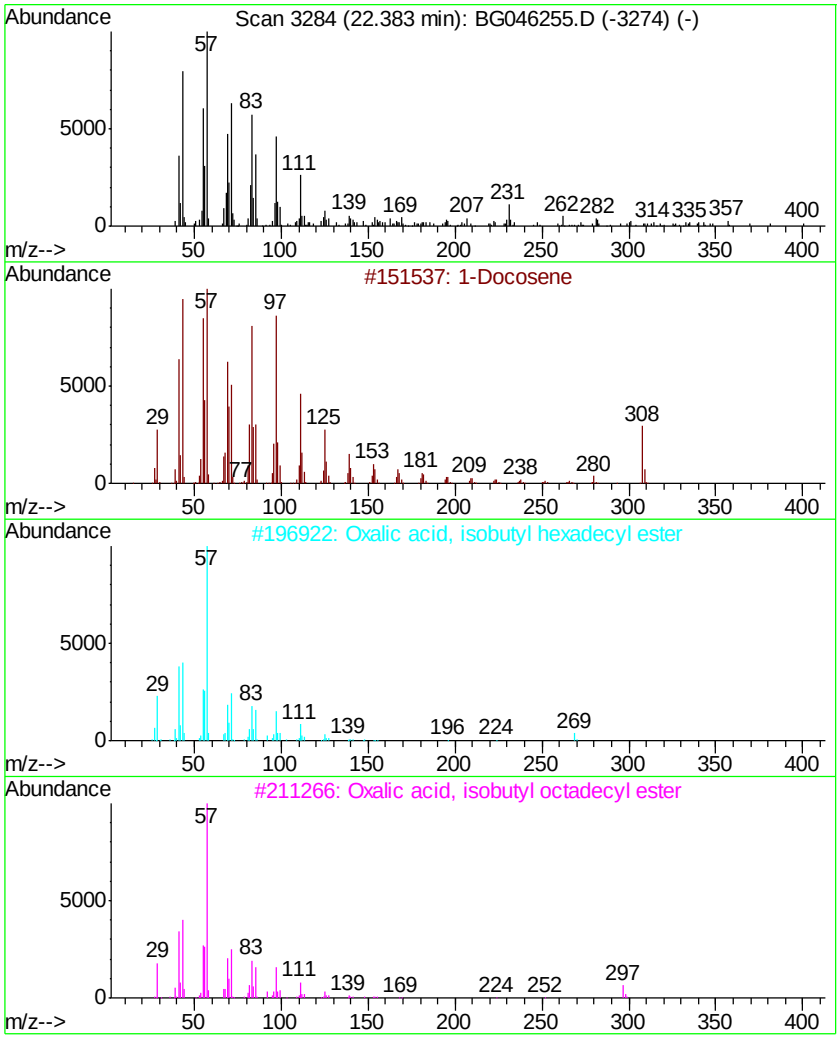
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

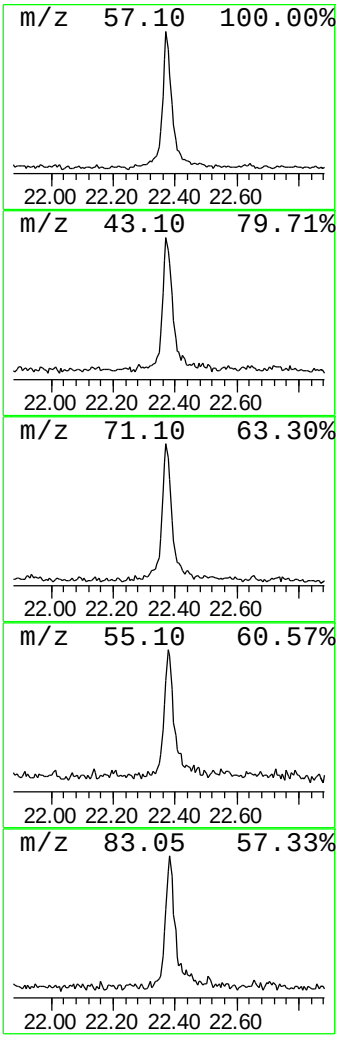
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	2.62 ng/ul	266261	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	86
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	80
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	80
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	74
5	Undecane	156	C11H24	001120-21-4	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

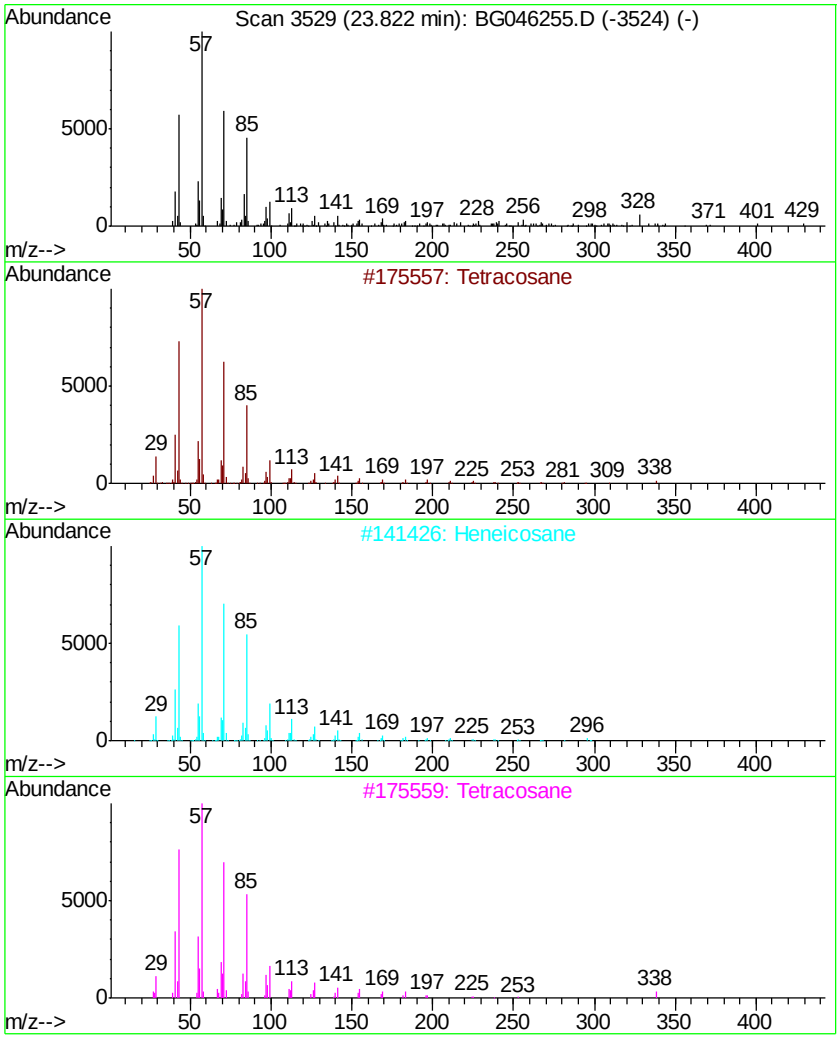
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

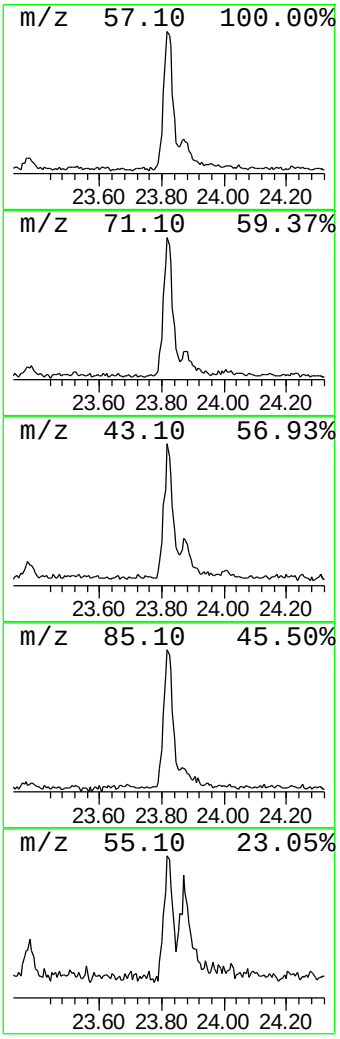
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.49 ng/ul	169202	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heneicosane	296	C21H44	000629-94-7	93
3	Tetracosane	338	C24H50	000646-31-1	93
4	Tetracosane	338	C24H50	000646-31-1	93
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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

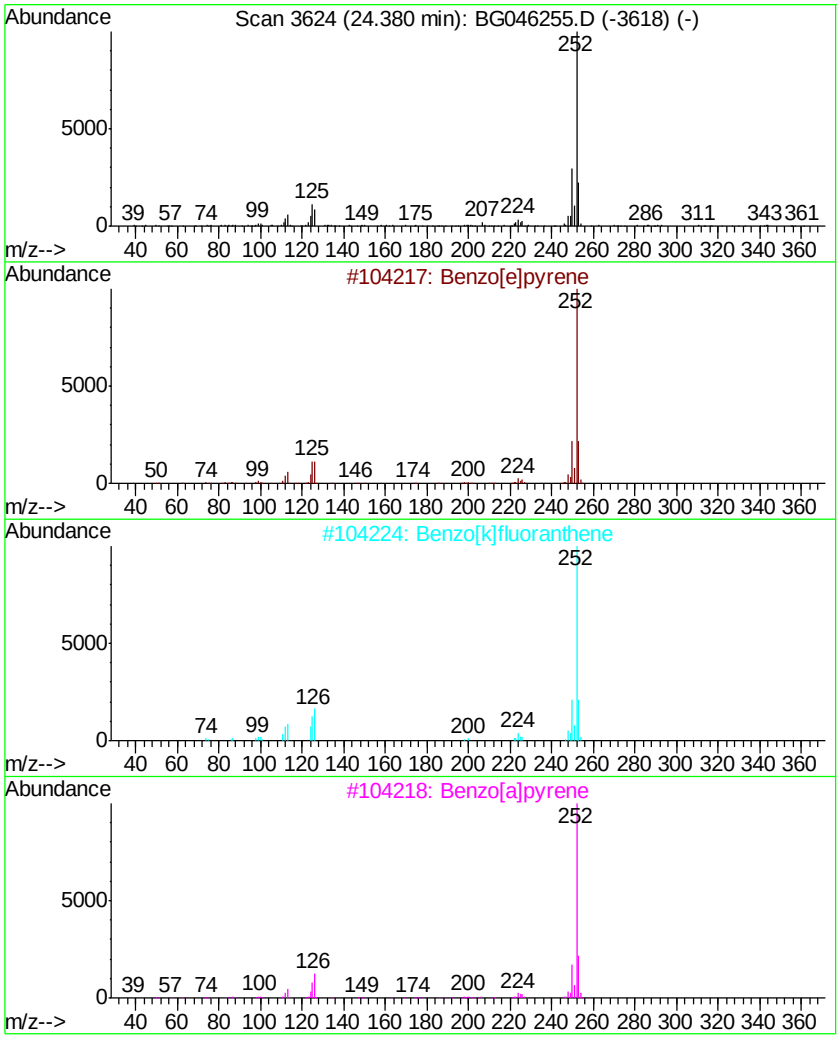
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

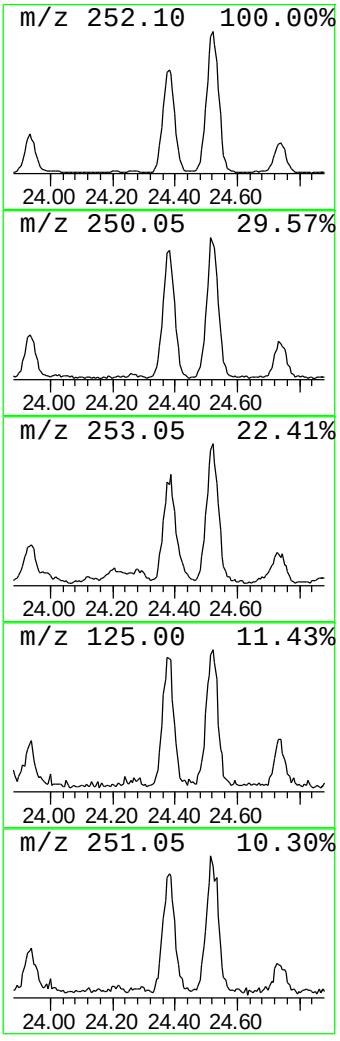
****

Peak Number 21 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	4.56 ng/ul	309772	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

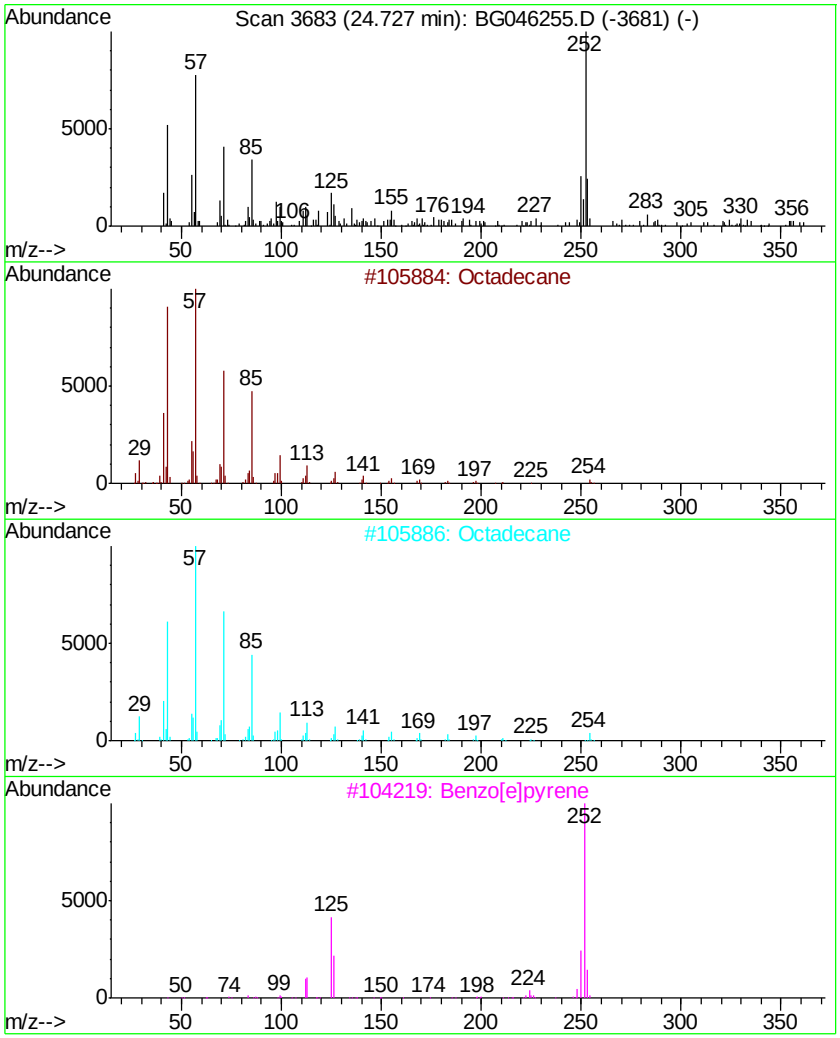
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

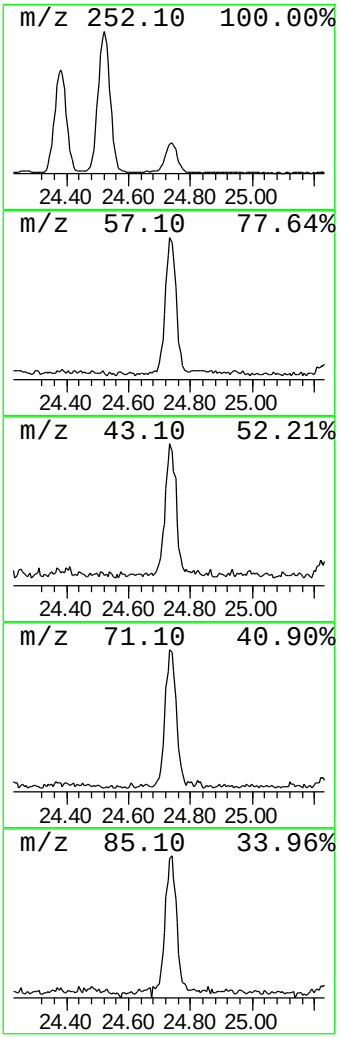
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	3.64 ng/ul	247205	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	55
2	Octadecane	254	C18H38	000593-45-3	53
3	Benzo[e]pyrene	252	C20H12	000192-97-2	46
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	46
5	Benzo[a]pyrene	252	C20H12	000050-32-8	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

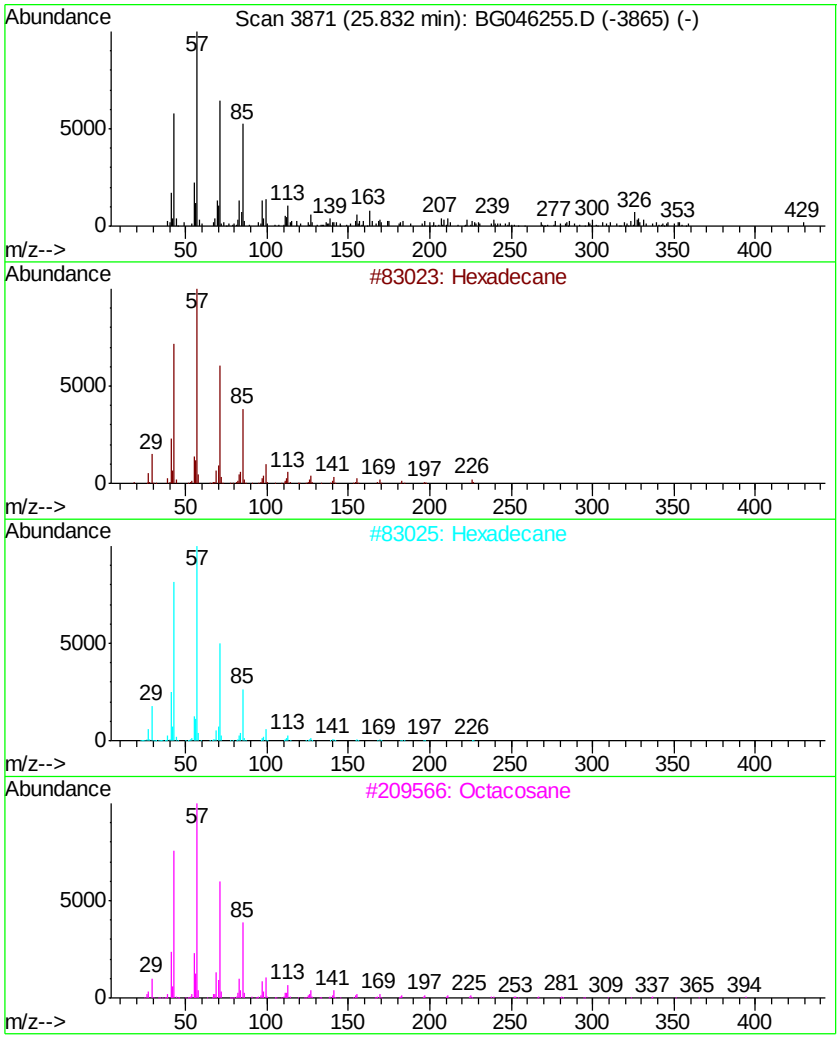
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

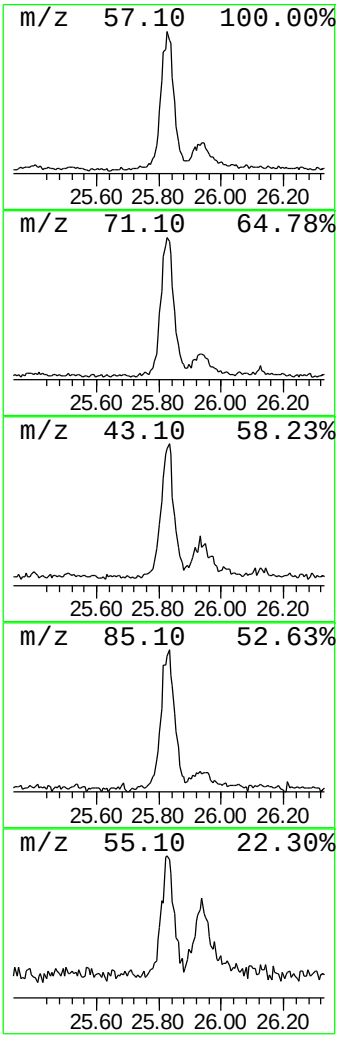
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	2.93 ng/ul	198866	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

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...	3.16	122.3	ng/ul	2845100	1	7.95	465381	20.0
unknown-01	3.94	2.0	ng/ul	47048	1	7.95	465381	20.0
Hexanoic acid, 4-...	7.11	11.3	ng/ul	262869	1	7.95	465381	20.0
unknown-02	7.28	9.5	ng/ul	221387	1	7.95	465381	20.0
unknown-03	7.48	11.1	ng/ul	257056	1	7.95	465381	20.0
unknown-04	8.65	12.3	ng/ul	286995	1	7.95	465381	20.0
unknown-05	9.10	11.3	ng/ul	261988	1	7.95	465381	20.0
unknown-06	9.83	6.0	ng/ul	208458	2	10.74	697106	20.0
Pyrido[2,3-d]pyri...	10.87	7.0	ng/ul	244656	2	10.74	697106	20.0
unknown-07	13.98	11.5	ng/ul	563275	3	14.57	978407	20.0
unknown-08	14.77	3.4	ng/ul	166448	3	14.57	978407	20.0
unknown-09	15.68	4.3	ng/ul	212664	3	14.57	978407	20.0
Phenanthrene, 1-m...	18.24	2.5	ng/ul	154227	4	17.32	1208200	20.0
Benzaldehyde, 3,5...	18.39	2.6	ng/ul	159974	4	17.32	1208200	20.0
Phenanthrene, 2,5...	19.10	2.2	ng/ul	131703	4	17.32	1208200	20.0
Dieldrin	20.04	3.2	ng/ul	321979	5	21.56	2031410	20.0
(DEL) Alkane: Cyc...	21.23	4.8	ng/ul	491074	5	21.56	2031410	20.0
(DEL) Alkane: Str...	22.38	2.6	ng/ul	266261	5	21.56	2031410	20.0
(DEL) Alkane: Str...	23.82	2.5	ng/ul	169202	6	24.67	1357490	20.0
Benzo[e]pyrene	24.38	4.6	ng/ul	309772	6	24.67	1357490	20.0
(DEL) Alkane: Str...	24.73	3.6	ng/ul	247205	6	24.67	1357490	20.0
(DEL) Alkane: Str...	25.83	2.9	ng/ul	198866	6	24.67	1357490	20.0