LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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	37	rVB	1342366	2094344	95.69%	8.345%
2	3.916	137	141	146	rVB2	12744	18785	0.86%	0.075%
3	4.051	160	164	174	rVB2	13000	20093	0.92%	0.080%
4	5.050	329	334	340	rBV	12104	19758	0.90%	0.079%
5	7.107	677	684	694	rBV	85044	156118	7.13%	0.622%
6	7.265	705	711	723	rBV	76801	128539	5.87%	0.512%
7	7.477	740	747	754	rBV	92188	161851	7.39%	0.645%
8	7.541	754	758	763	rBV3	16882	31904	1.46%	0.127%
9	7.941	818	826	835	rBV	241782	395887	18.09%	1.577%
10	8.646	938	946	959	rBV	108165	199210	9.10%	0.794%
11	9.092	1013	1022	1034	rBV	87501	165246	7.55%	0.658%
12	9.815	1138	1145	1154	rVB	72045	132283	6.04%	0.527%
13	10.362	1231	1238	1251	rBV	113097	219492	10.03%	0.875%
14	10.738	1292	1302	1309	rBV	351215	628451	28.71%	2.504%
15	10.867	1318	1324	1337	rBV	62660	132684	6.06%	0.529%
16	13.476	1760	1768	1775	rVV	271279	423376	19.34%	1.687%
17	13.893	1833	1839	1844	rVB4	6668	11400	0.52%	0.045%
18	13.969	1844	1852	1857	rBV	262107	389614	17.80%	1.552%
19	14.016	1857	1860	1866	rVB	143671	203886	9.32%	0.812%
20	14.257	1890	1901	1916	rBV	278111	486568	22.23%	1.939%
21	14.568	1945	1954	1961	rVV	625393	972169	44.42%	3.874%
22	14.627	1961	1964	1971	rVB2	8801	13801	0.63%	0.055%
23	14.762	1981	1987	1995	rBV2	54550	112314	5.13%	0.448%
24	14.968	2018	2022	2029	rVV2	11087	18054	0.82%	0.072%
25	15.555	2116	2122	2128	rBV	397381	618984	28.28%	2.466%
26	15.608	2128	2131	2136	rVV3	18009	27639	1.26%	0.110%
27	15.673	2136	2142	2144	rVV	98441	155353	7.10%	0.619%
28	15.696	2144	2146	2152	rVV	111028	134363	6.14%	0.535%
29	15.908	2177	2182	2188	rBV2	11401	19141	0.87%	0.076%
30	16.055	2202	2207	2215	rVB2	11769	24922	1.14%	0.099%
31	16.249	2232	2240	2243	rBV4	6184	11066	0.51%	0.044%
32	16.290	2243	2247	2253	rVV8	8498	16633	0.76%	0.066%
33	16.625	2296	2304	2307	rVV5	10095	25380	1.16%	0.101%
34	16.848	2337	2342	2345	rVV3	12948	20613	0.94%	0.082%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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	16.889	2346	2349	2352	rVV	13163	19892	0.91%	0.079%
36	16.960	2356	2361	2368	rVV	33623	59393	2.71%	0.237%
37	17.042	2370	2375	2380	rVV4	13859	30072	1.37%	0.120%
38	17.083	2380	2382	2386	rVV4	8759	14248	0.65%	0.057%
39	17.124	2386	2389	2400	rVB	17778	33845	1.55%	0.135%
40	17.306	2414	2420	2424	rBV	850314	1266747	57.88%	5.047%
41	17.347	2424	2427	2432	rVV	343907	514593	23.51%	2.050%
42	17.406	2432	2437	2441	rVV2	437620	663125	30.30%	2.642%
43	17.442	2441	2443	2449	rVB	85354	101043	4.62%	0.403%
44	17.500	2449	2453	2459	rBV6	13354	19741	0.90%	0.079%
45	17.624	2470	2474	2478	rVB3	27006	36760	1.68%	0.146%
46	17.706	2479	2488	2493	rBV2	26533	58078	2.65%	0.231%
47	17.747	2493	2495	2502	rVB5	7781	11339	0.52%	0.045%
48	17.829	2505	2509	2514	rVB2	20390	28842	1.32%	0.115%
49	17.888	2515	2519	2523	rBV7	19775	26883	1.23%	0.107%
50	17.982	2531	2535	2540	rVB5	10292	15441	0.71%	0.062%
51	18.105	2553	2556	2560	rVB3	9384	12953	0.59%	0.052%
52	18.188	2565	2570	2572	rVV	79140	122192	5.58%	0.487%
53	18.229	2574	2577	2584	rVV	120253	207506	9.48%	0.827%
54	18.276	2584	2585	2587	rVV	12160	11253	0.51%	0.045%
55	18.311	2587	2591	2596	rVV	40717	65274	2.98%	0.260%
56	18.376	2596	2602	2606	rVV2	109227	210516	9.62%	0.839%
57	18.417	2606	2609	2614	rVB	67900	92132	4.21%	0.367%
58	18.499	2620	2623	2627	rBV6	9965	15954	0.73%	0.064%
59	18.575	2634	2636	2640	rVB3	7599	8991	0.41%	0.036%
60	18.681	2649	2654	2657	rBV	88268	123086	5.62%	0.490%
61	18.716	2657	2660	2665	rVB	86285	118690	5.42%	0.473%
62	18.928	2693	2696	2700	rVB3	21540	24123	1.10%	0.096%
63	18.975	2702	2704	2708	rBV	23241	26317	1.20%	0.105%
64	19.016	2708	2711	2715	rVB2	23645	33332	1.52%	0.133%
65	19.069	2715	2720	2721	rBV4	37712	51250	2.34%	0.204%
66	19.098	2721	2725	2730	rVB2	55260	83754	3.83%	0.334%
67	19.151	2730	2734	2738	rBV5	23945	50033	2.29%	0.199%
68	19.234	2744	2748	2756	rBV	81095	124901	5.71%	0.498%
69	19.357	2764	2769	2777	rVB	968272	1436399	65.63%	5.723%
70	19.422	2778	2780	2783	rVB	17018	15710	0.72%	0.063%
71	19.463	2783	2787	2791	rBV4	19562	31405	1.43%	0.125%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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	19.510	2791	2795	2798	rVB	57679	67955	3.10%	0.271%
73	19.551	2800	2802	2805	rVV3	19769	21555	0.98%	0.086%
74	19.604	2808	2811	2814	rVB	20537	22934	1.05%	0.091%
75	19.692	2820	2826	2828	rBV	659100	976715	44.63%	3.892%
76	19.721	2828	2831	2839	rVB	816966	1117826	51.07%	4.454%
77	19.792	2839	2843	2847	rBV2	39120	69834	3.19%	0.278%
78	19.897	2857	2861	2867	rBV	55347	76788	3.51%	0.306%
79	19.950	2868	2870	2877	rVB2	39825	61545	2.81%	0.245%
80	20.027	2879	2883	2892	rBV5	205443	407220	18.61%	1.623%
81	20.179	2905	2909	2910	rBV3	52246	68739	3.14%	0.274%
82	20.209	2911	2914	2919	rVB	130403	185622	8.48%	0.740%
83	20.309	2928	2931	2935	rBV	62945	85459	3.90%	0.341%
84	20.373	2936	2942	2947	rVB2	93565	167775	7.67%	0.668%
85	20.508	2962	2965	2968	rBV2	52817	62149	2.84%	0.248%
86	20.555	2969	2973	2977	rBV3	56144	76479	3.49%	0.305%
87	20.773	3006	3010	3013	rBV2	50084	81161	3.71%	0.323%
88	20.961	3038	3042	3051	rVB	127282	193200	8.83%	0.770%
89	21.143	3067	3073	3077	rBV2	76263	177348	8.10%	0.707%
90	21.184	3077	3080	3083	rVV	88990	127622	5.83%	0.509%
91	21.225	3083	3087	3093	rVV3	216246	402990	18.41%	1.606%
92	21.290	3094	3098	3103	rVB	103607	167731	7.66%	0.668%
93	21.554	3135	3143	3147	rBV2	1009858	2188664	100.00%	8.721%
94	21.601	3147	3151	3160	rVB	403105	680919	31.11%	2.713%
95	22.342	3273	3277	3278	rBV2	40548	60600	2.77%	0.241%
96	23.675	3497	3504	3512	rBV	302589	967150	44.19%	3.854%
97	24.369	3618	3622	3628	rVV	110156	213658	9.76%	0.851%
98	24.439	3629	3634	3640	rVV	215431	521379	23.82%	2.077%
99	24.504	3641	3645	3656	rVB	223948	585341	26.74%	2.332%
100	24.657	3663	3671	3679	rBV2	496824	1305579	59.65%	5.202%

Sum of corrected areas: 25097671

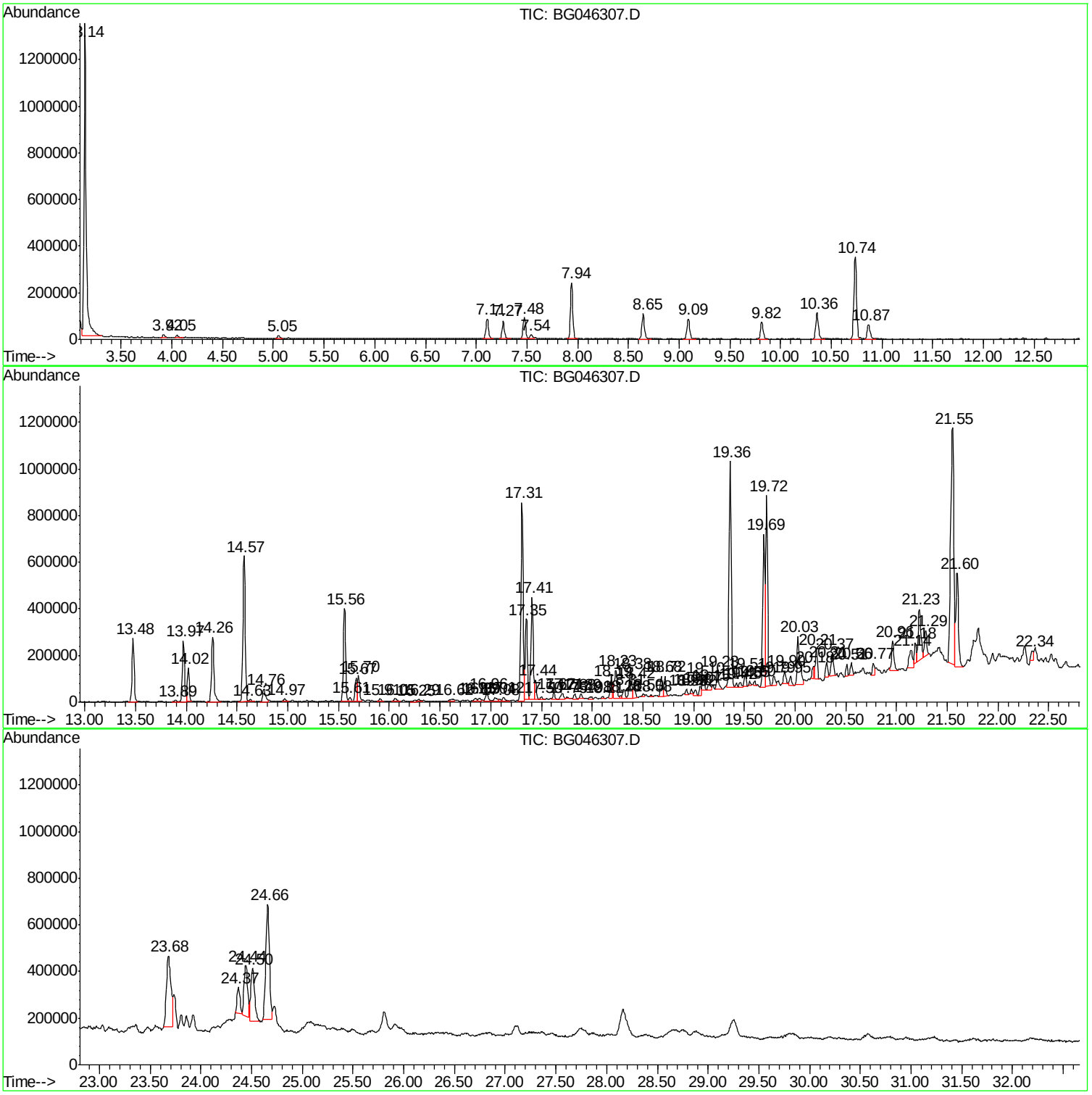
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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 : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

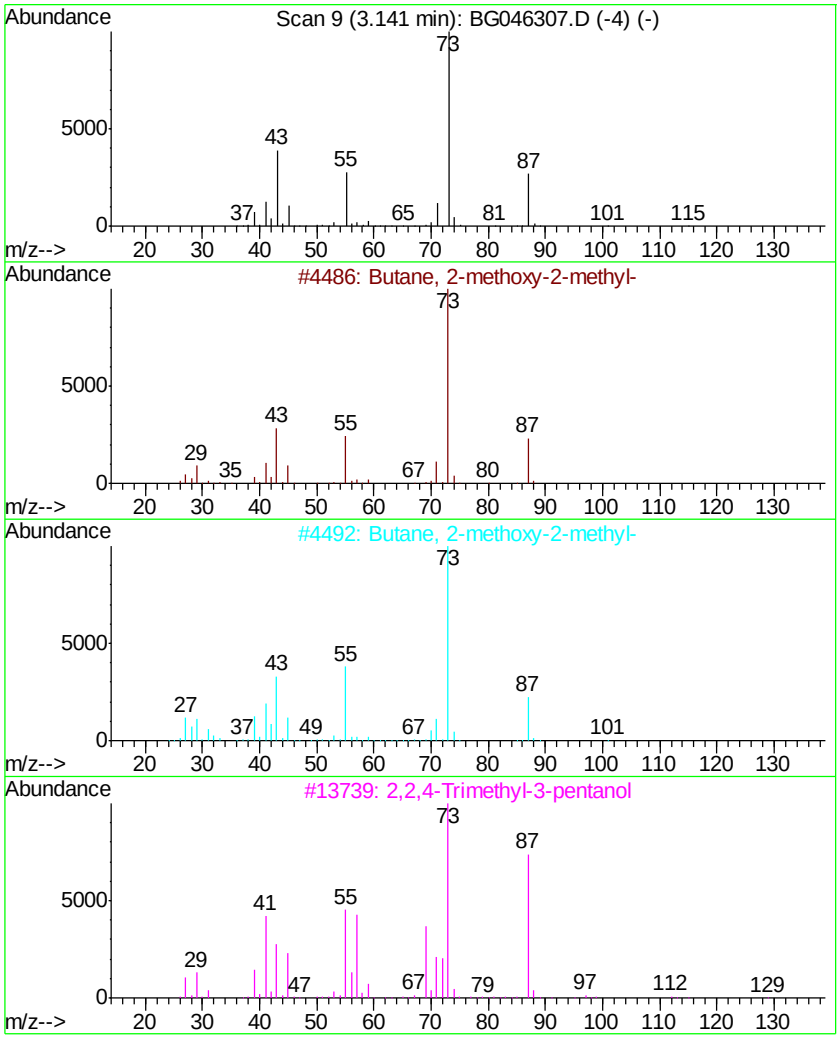
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

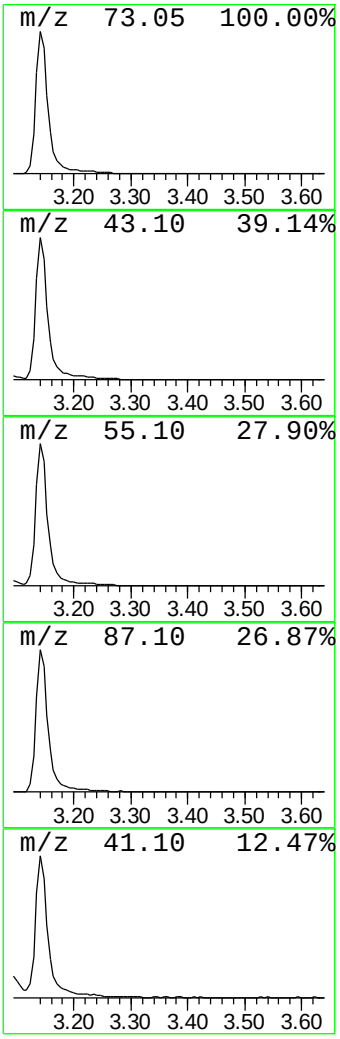
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	105.81 ng/ul	2094340	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

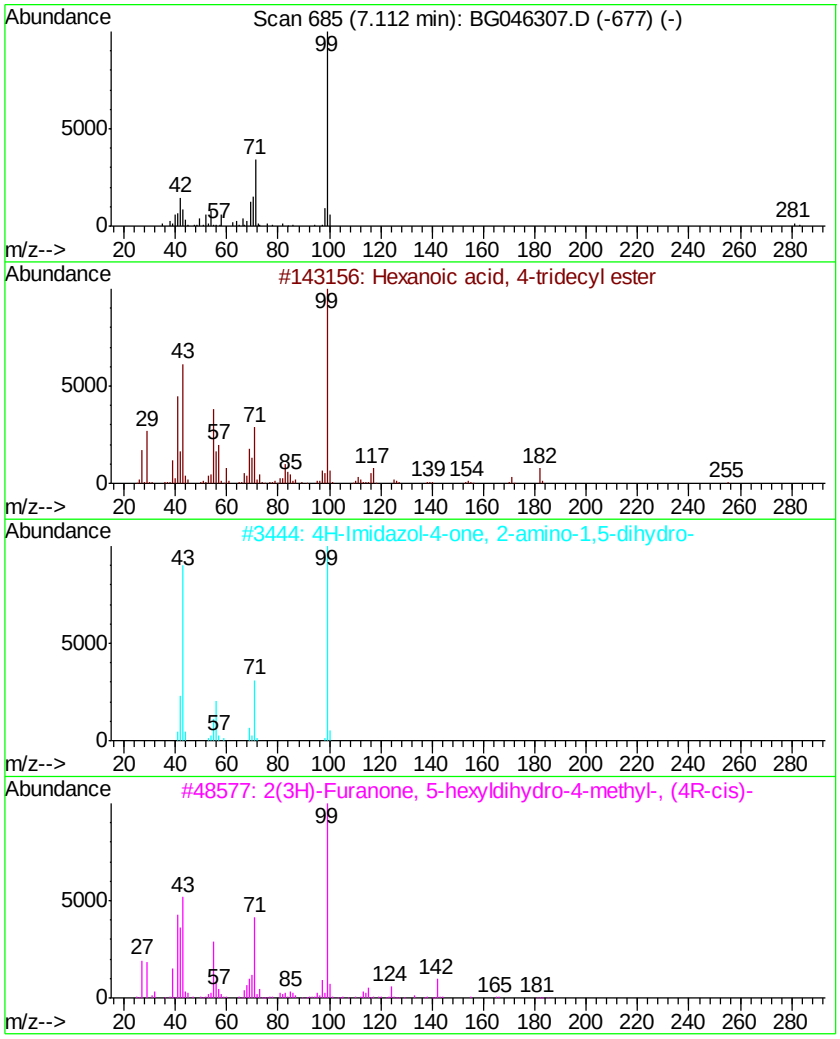
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

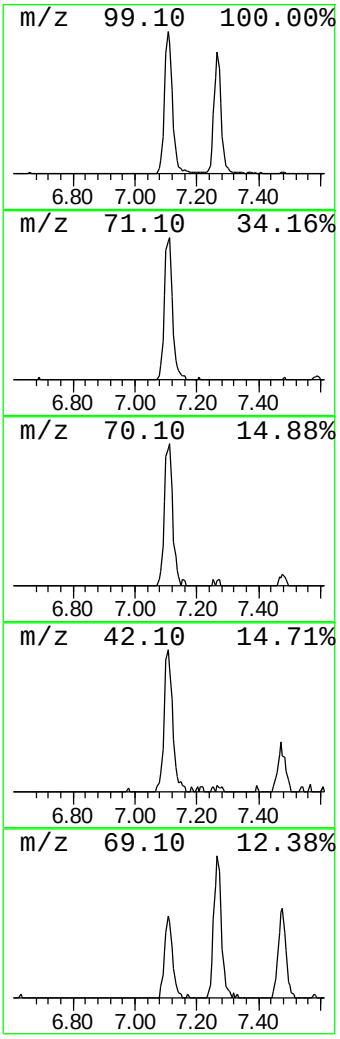
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanoic acid, 4-tridecyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	7.89 ng/ul	156118	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(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	56
4	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	56
5	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

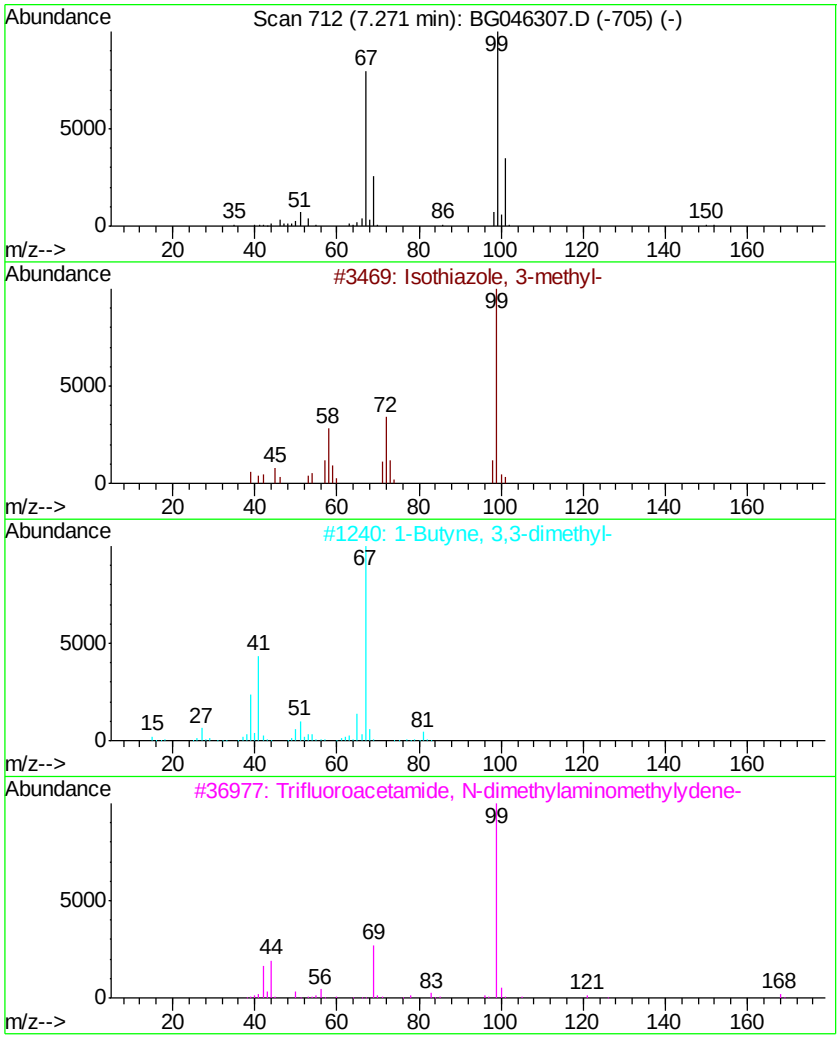
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

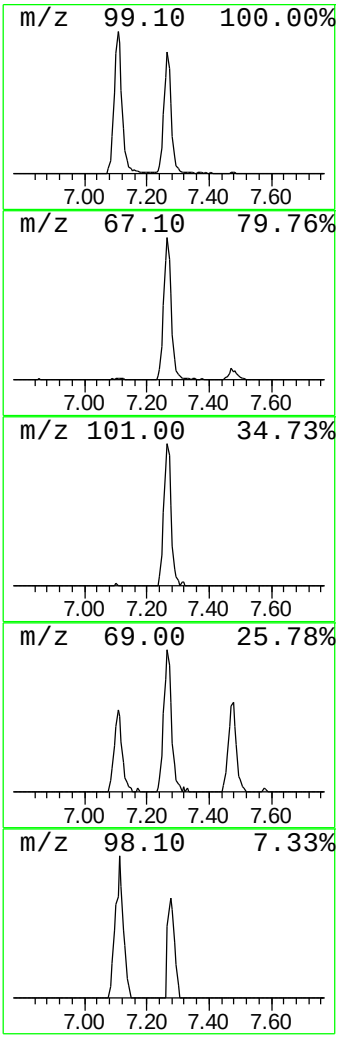
****

Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	6.49 ng/ul	128539	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	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
3	Trifluoroacetamide, N-dimethylam...	168	C5H7F3N2O	1000334-54-6	9
4	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	7
5	Succinimide	99	C4H5NO2	000123-56-8	5





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

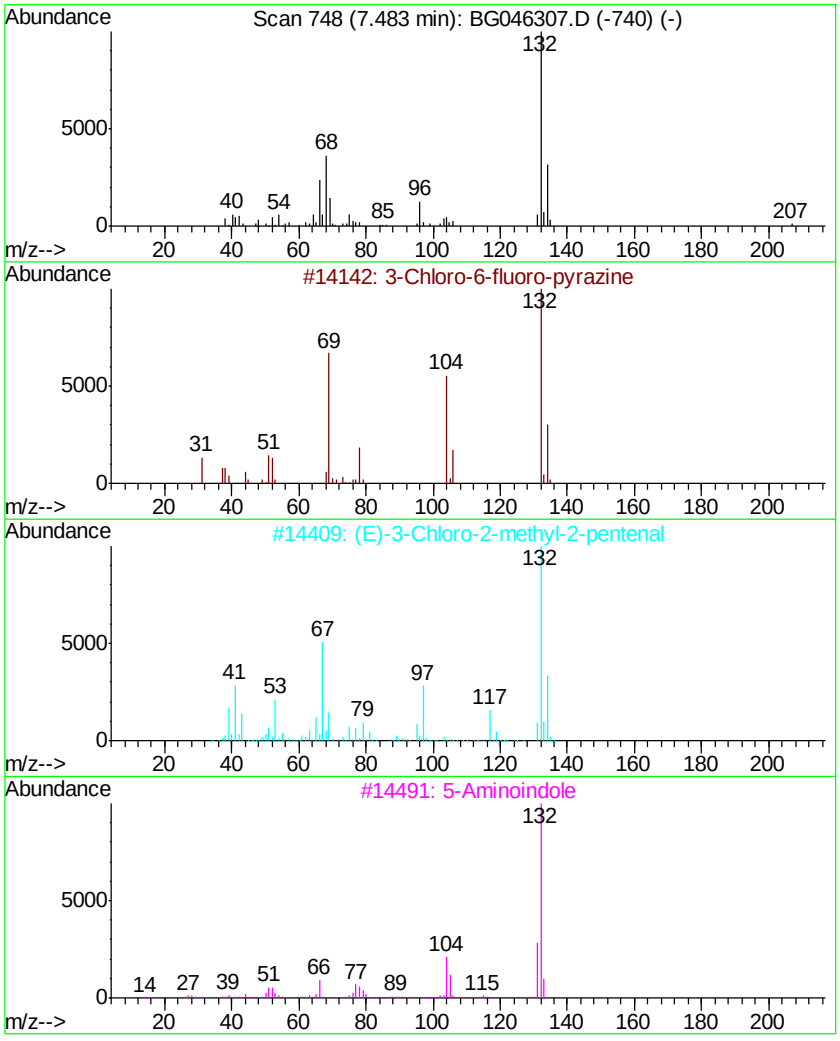
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

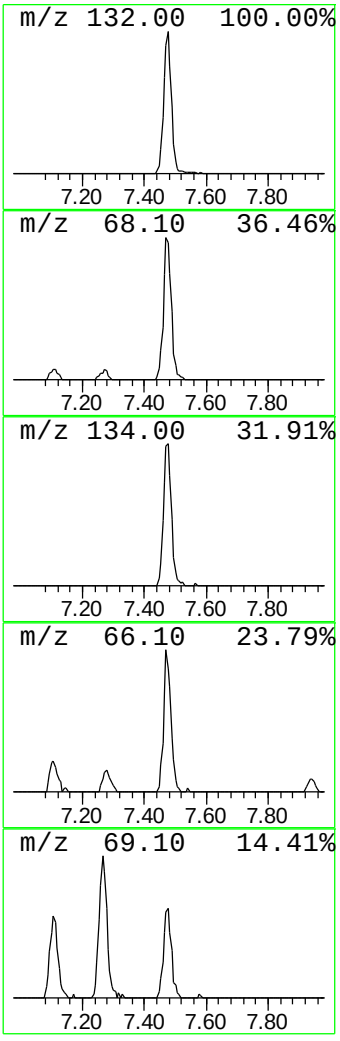
****

Peak Number 4 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	8.18 ng/ul	161851	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	16
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5	1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

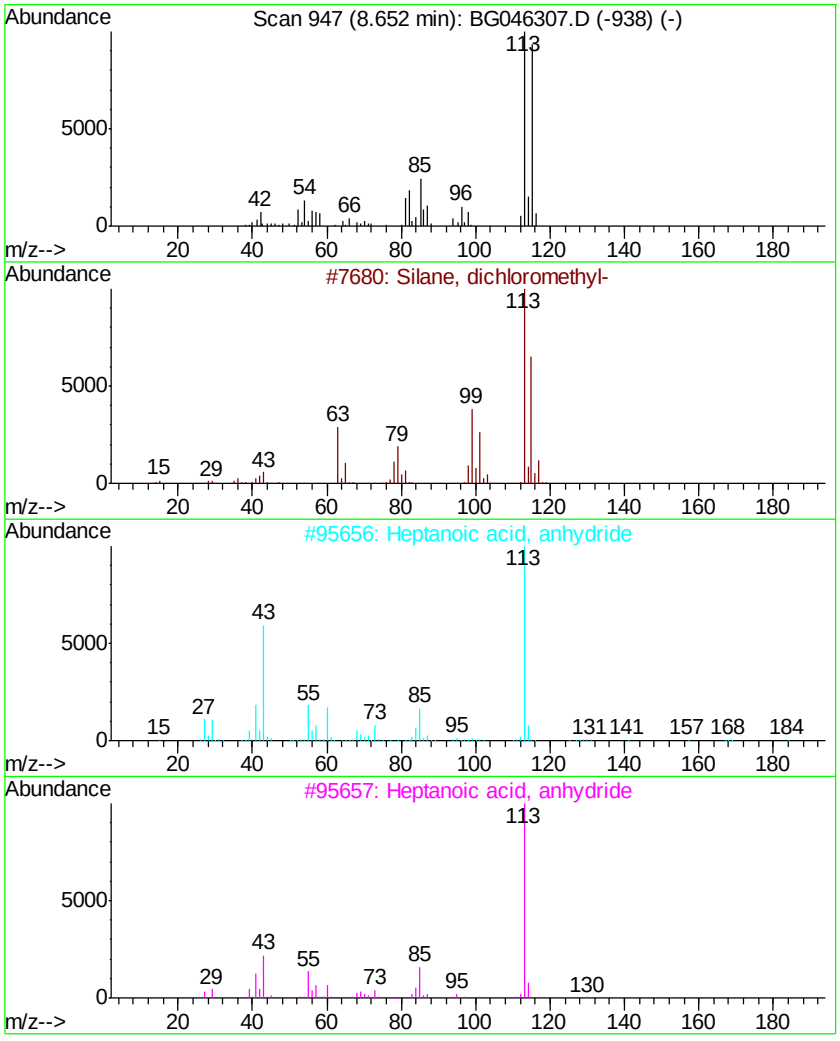
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

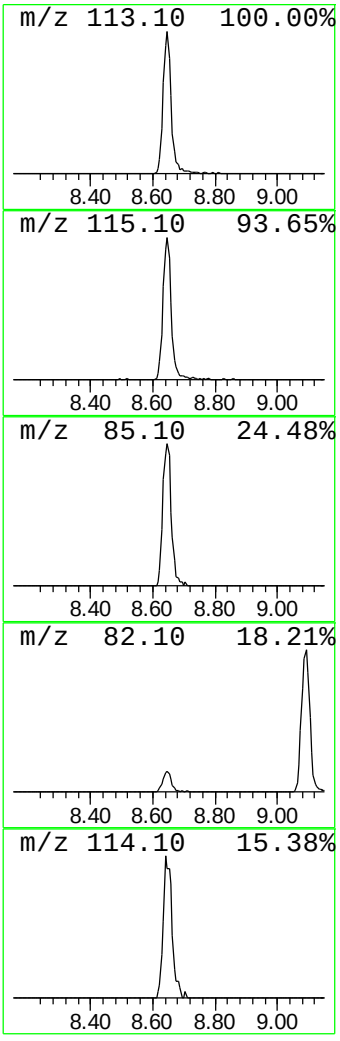
****

Peak Number 5 Silane, dichloromethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	10.06 ng/ul	199210	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	64
2	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	27
4	4-Fluoro-6-aminopyrimidine	113	C4H4FN3	051421-96-6	27
5	Pyrimidine, 2-fluoro-4-amino-	113	C4H4FN3	096548-91-3	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

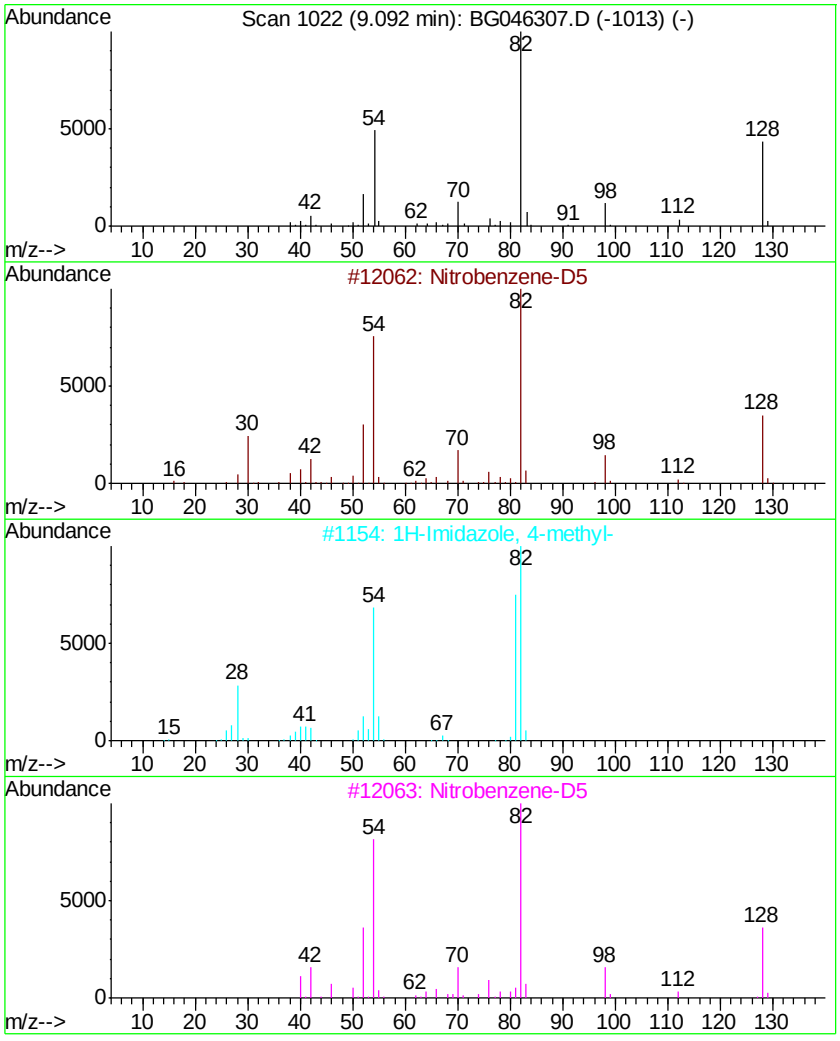
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

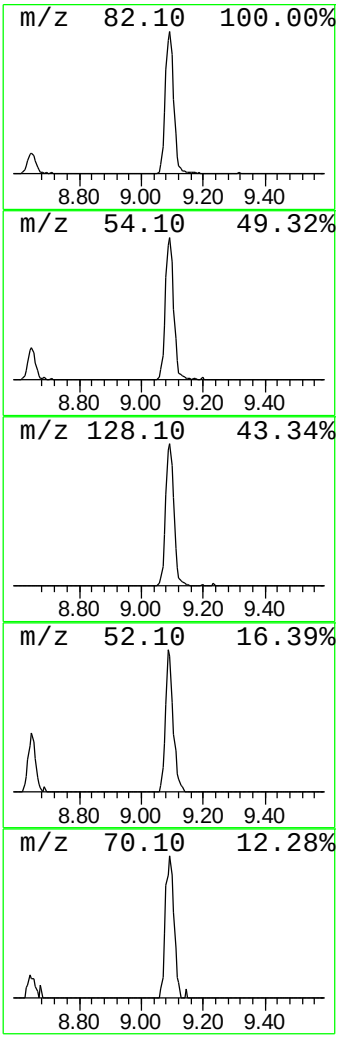
****

Peak Number 6 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	8.35 ng/ul	165246	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	47
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	43
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
5	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

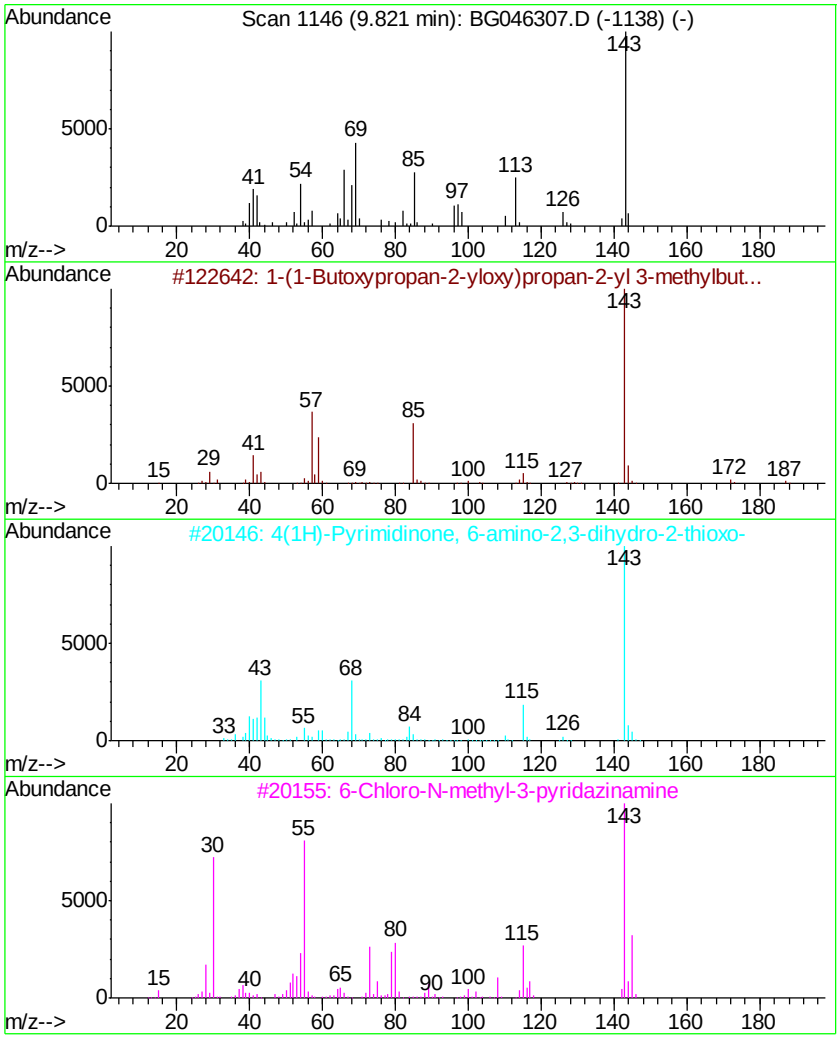
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

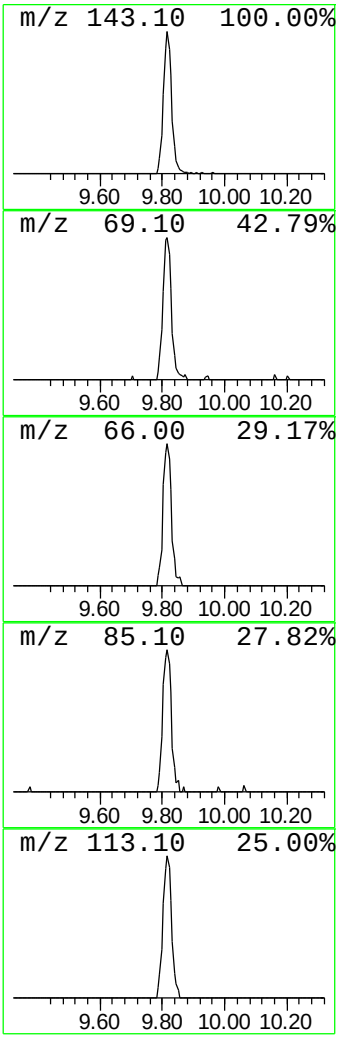
****

Peak Number 7 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	4.21 ng/ul	132283	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	27
2	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	16
3	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12
5	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-10-9	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

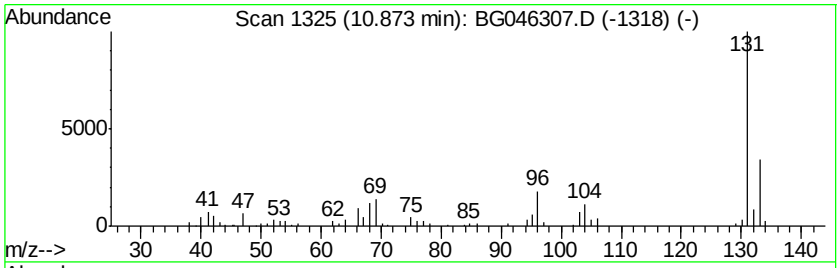
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

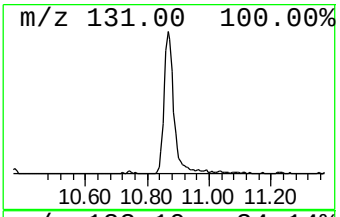
****

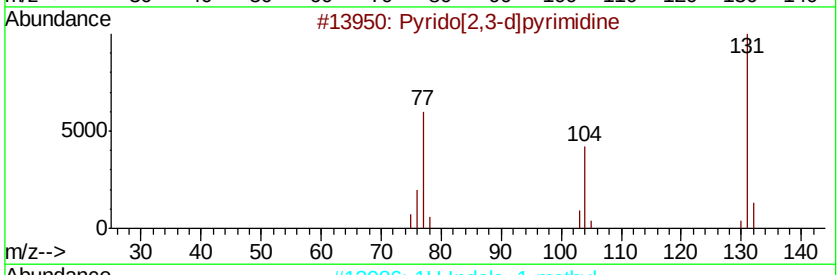
Peak Number 8 unknown-05 Concentration Rank 9

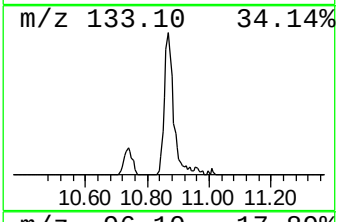
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	4.22 ng/ul	132684	Naphthalene-d8	10.74

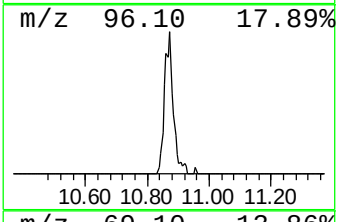
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	33
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	9
3	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9
4	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	9

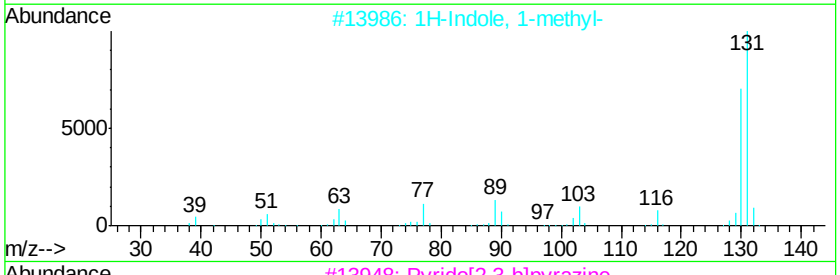


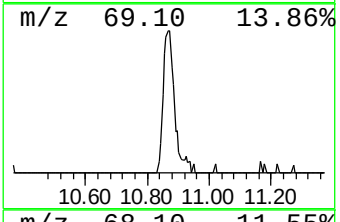


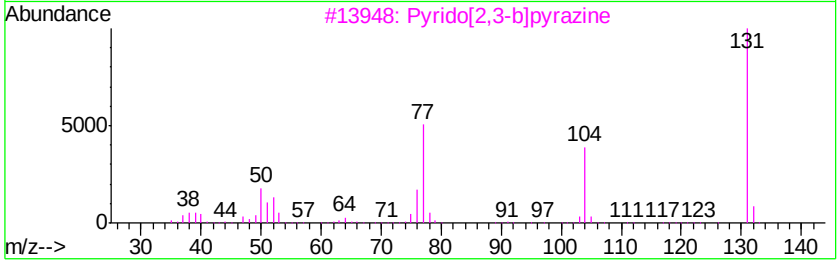


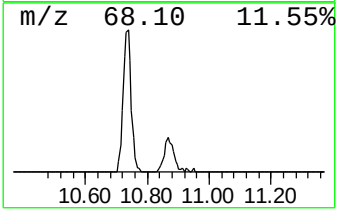












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

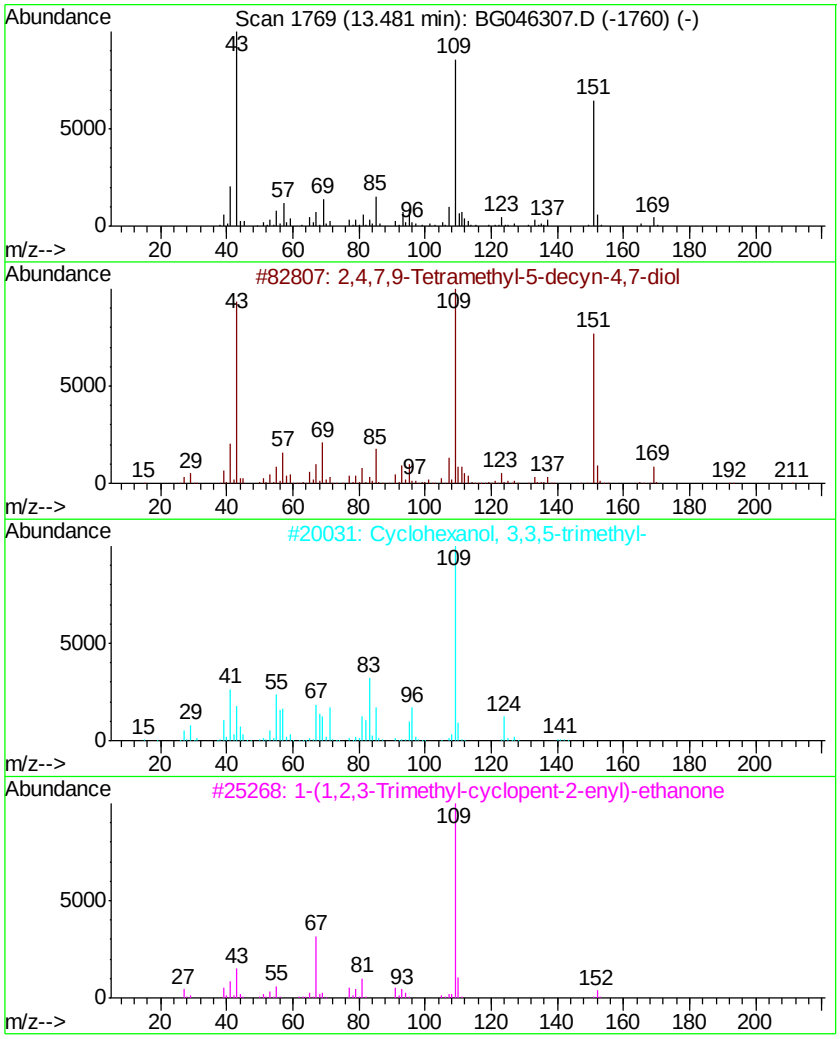
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

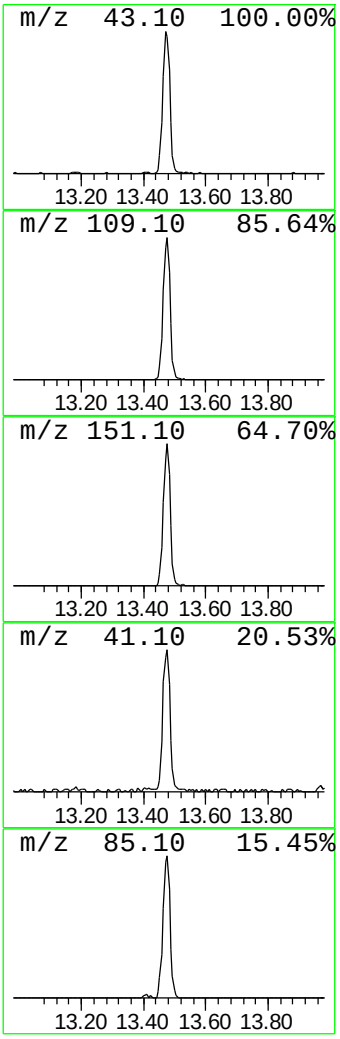
****

Peak Number 9 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	8.71 ng/ul	423376	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	68
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	38
3	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	38
4	Benzene, 1-(bromomethyl)-4-fluoro-	188	C7H6BrF	000459-46-1	37
5	N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

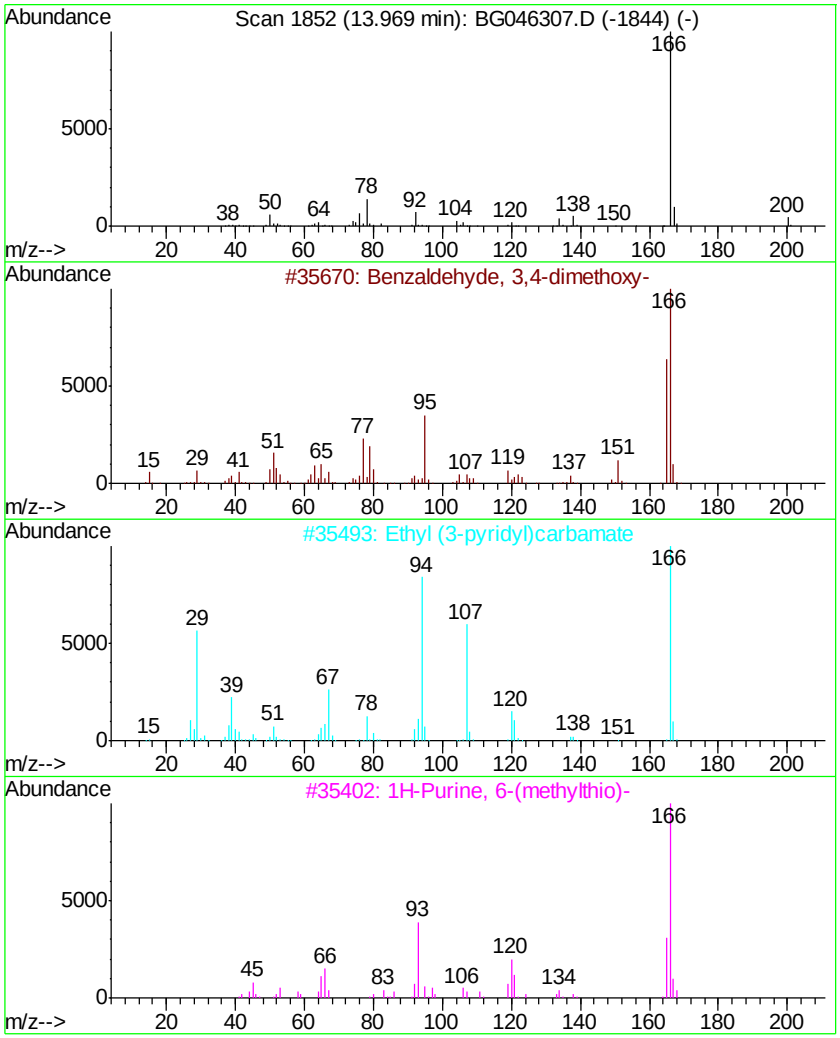
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

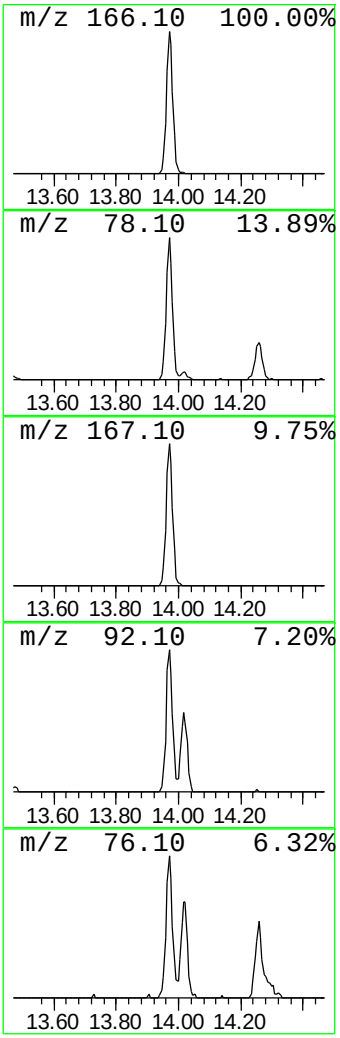
****

Peak Number 10 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	8.02 ng/ul	389614	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	42
3	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
4	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	1H-Benzimidazole, 5-chloro-2-met...	166	C8H7ClN2	002818-69-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

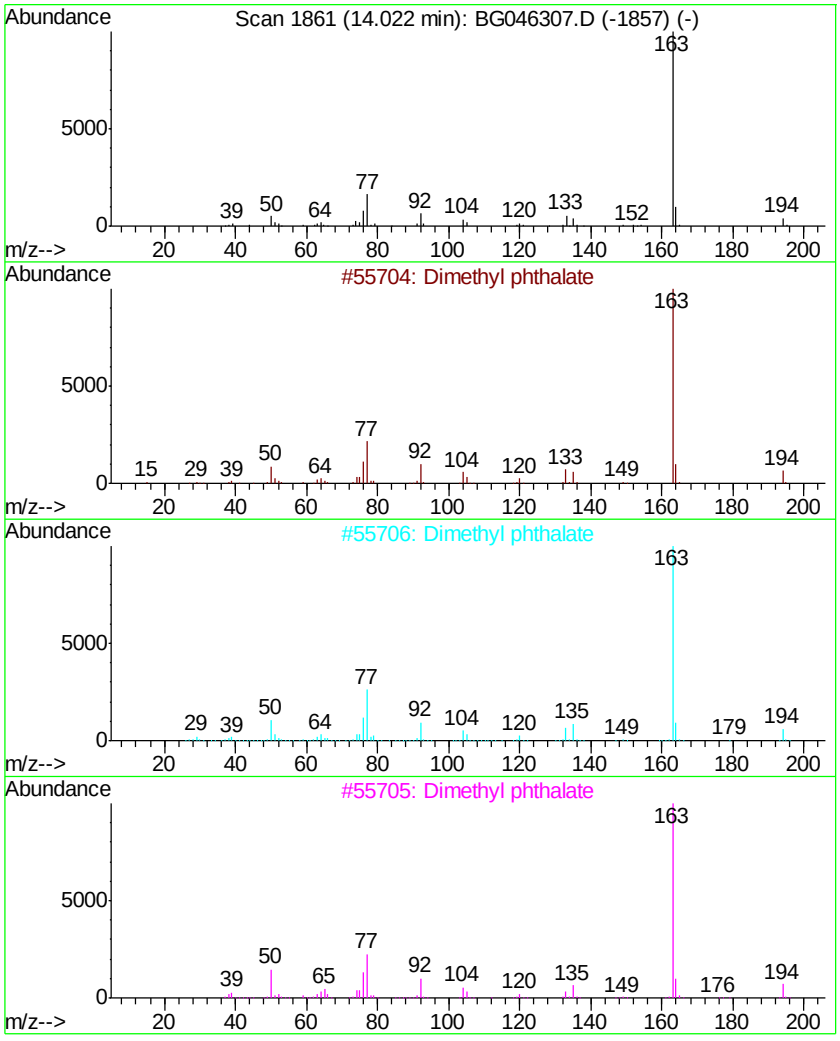
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

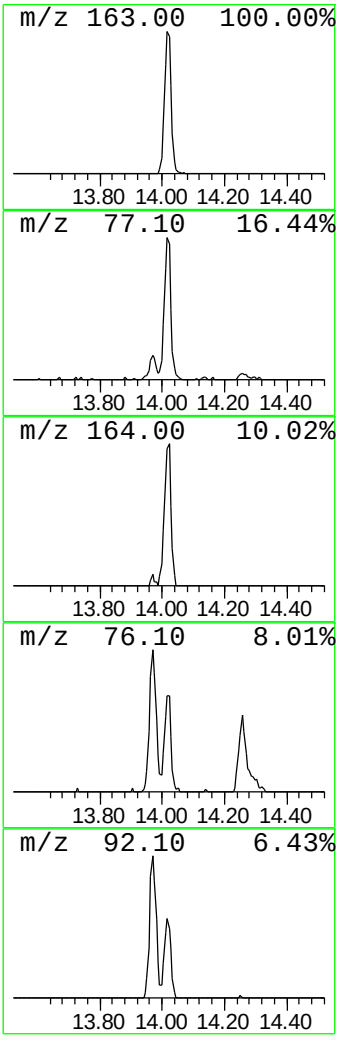
****

Peak Number 11 Dimethyl phthalate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	4.19 ng/ul	203886	Acenaphthene-d10	14.57

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	92
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
4	Phthalic acid, 4-chloro-3-methyl...	304	C16H13ClO4	1000315-71-2	83
5	Phthalic acid, 4-isopropylphenyl...	298	C18H18O4	1000315-65-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

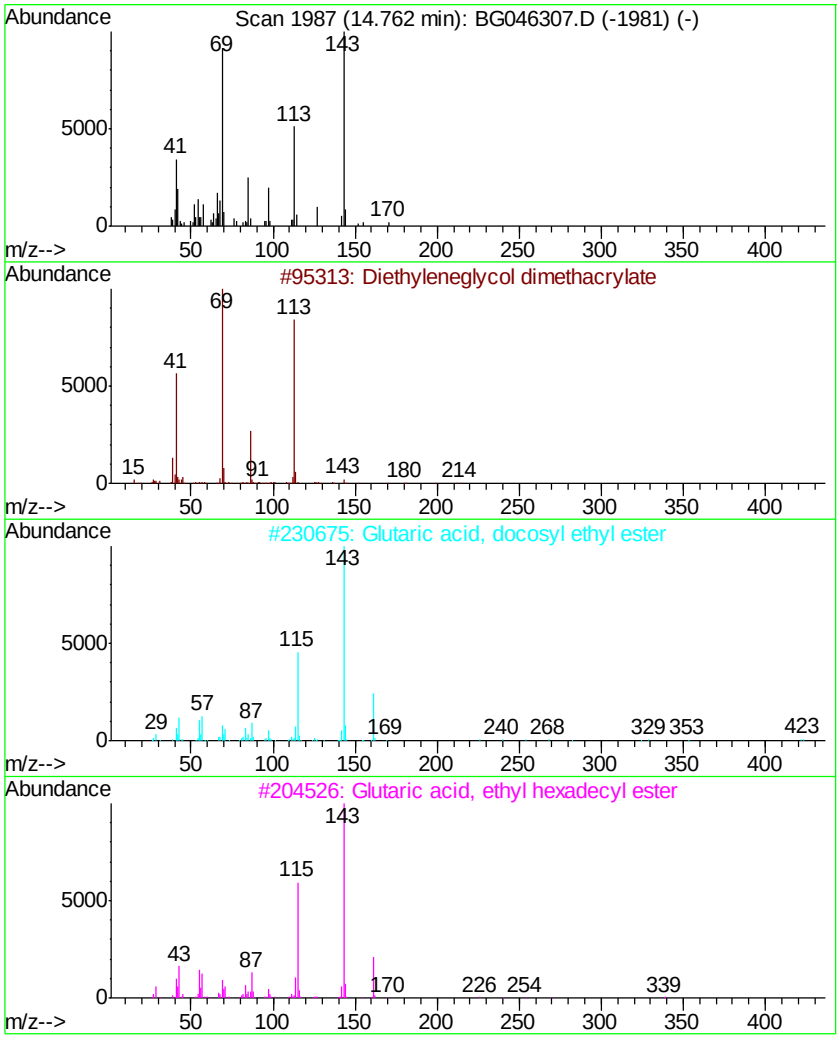
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

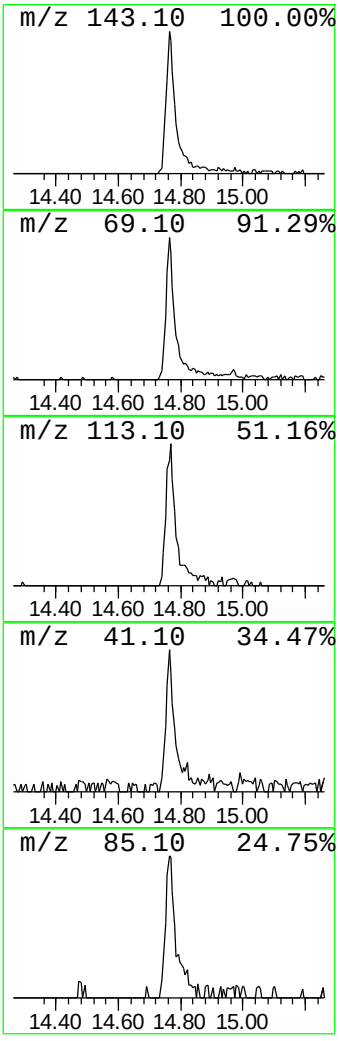
****

Peak Number 12 unknown-07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.31 ng/ul	112314	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	35
2	Glutaric acid, docosyl ethyl ester	468	C29H56O4	1000359-69-6	22
3	Glutaric acid, ethyl hexadecyl e...	384	C23H44O4	1000358-35-6	22
4	4-Chloro-3-methylpyridine 1-oxide	143	C6H6ClNO	001073-34-3	22
5	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

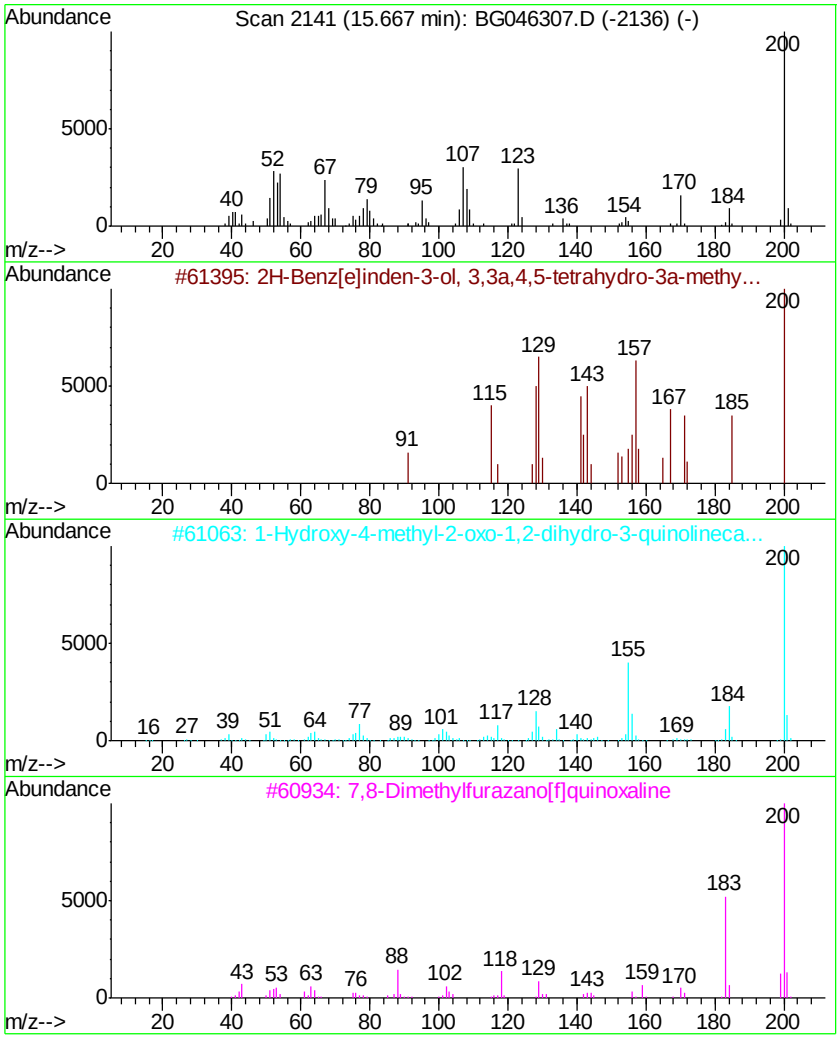
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

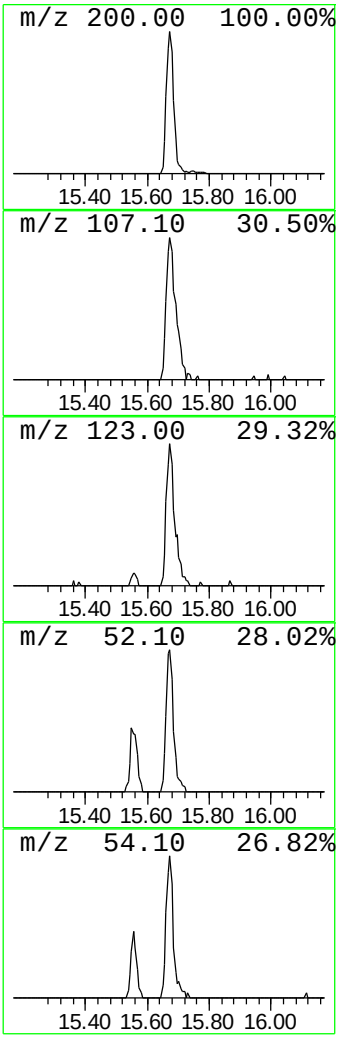
****

Peak Number 13 unknown-08 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	3.20 ng/ul	155353	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	27
2	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	22
3	7,8-Dimethylfurazano[f]quinoxaline	200	C10H8N4O	1000110-74-6	22
4	2,2'-Bipyridyl-5-carboxylic acid	200	C11H8N2O2	001970-80-5	14
5	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

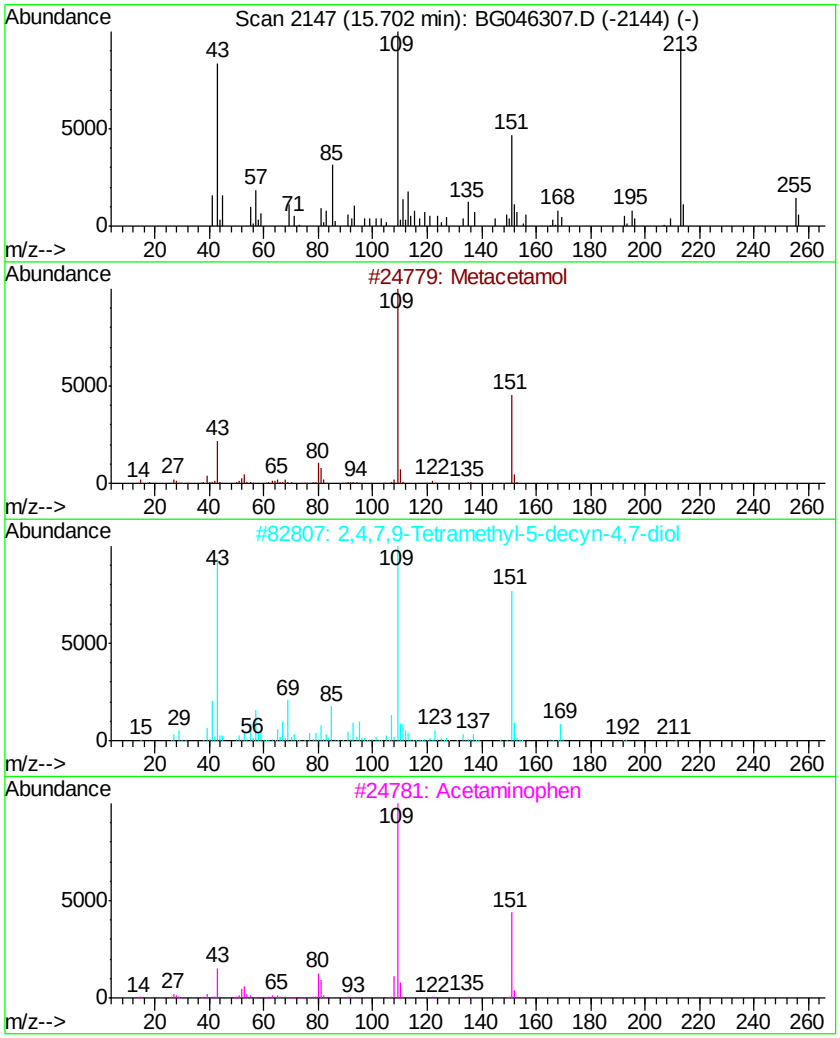
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

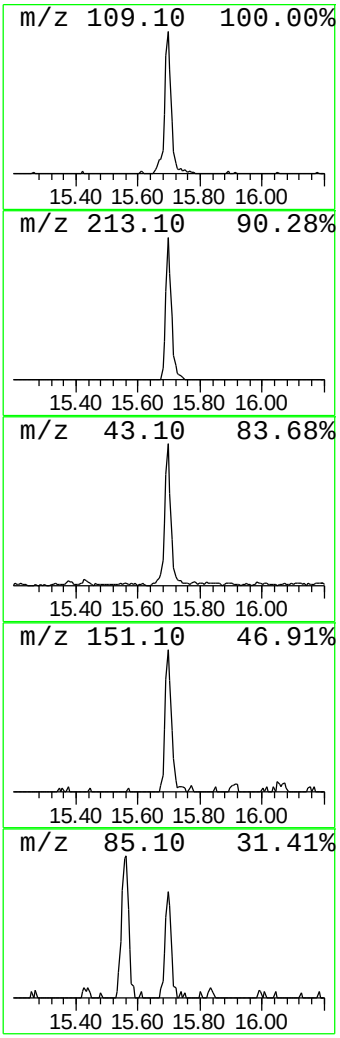
****

Peak Number 14 unknown-09 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.76 ng/ul	134363	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metacetamol	151	C8H9NO2	000621-42-1	43
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	40
3	Acetaminophen	151	C8H9NO2	000103-90-2	38
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	38
5	Acetaminophen	151	C8H9NO2	000103-90-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

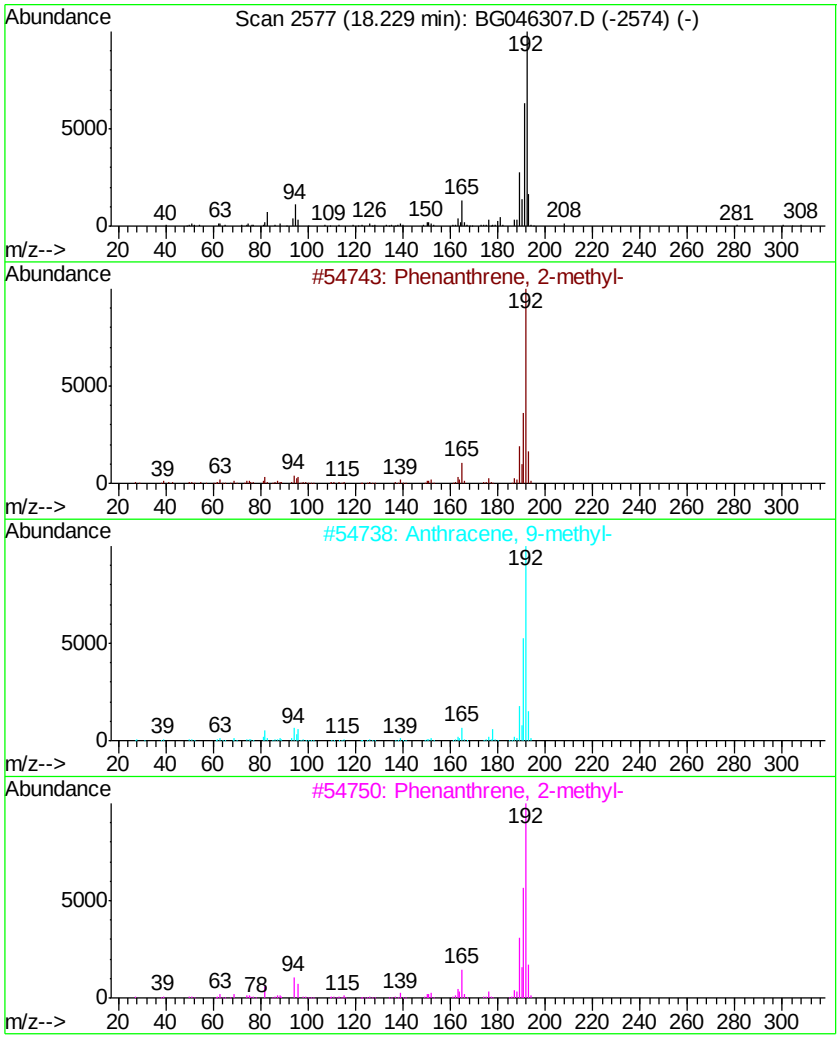
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

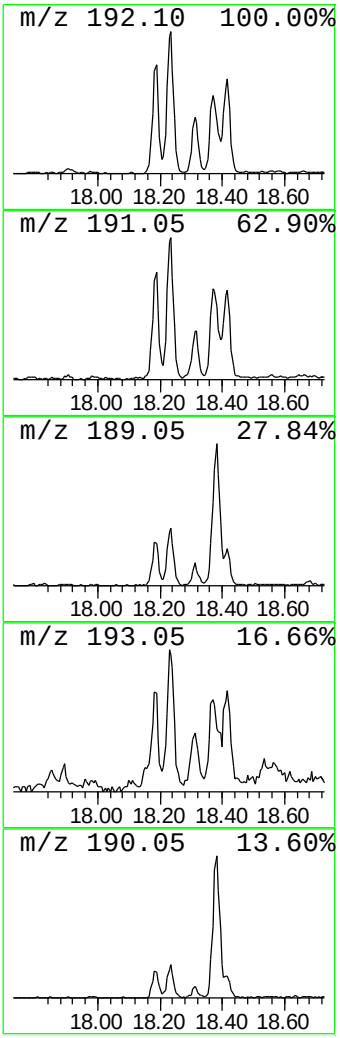
****

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.28 ng/ul	207506	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

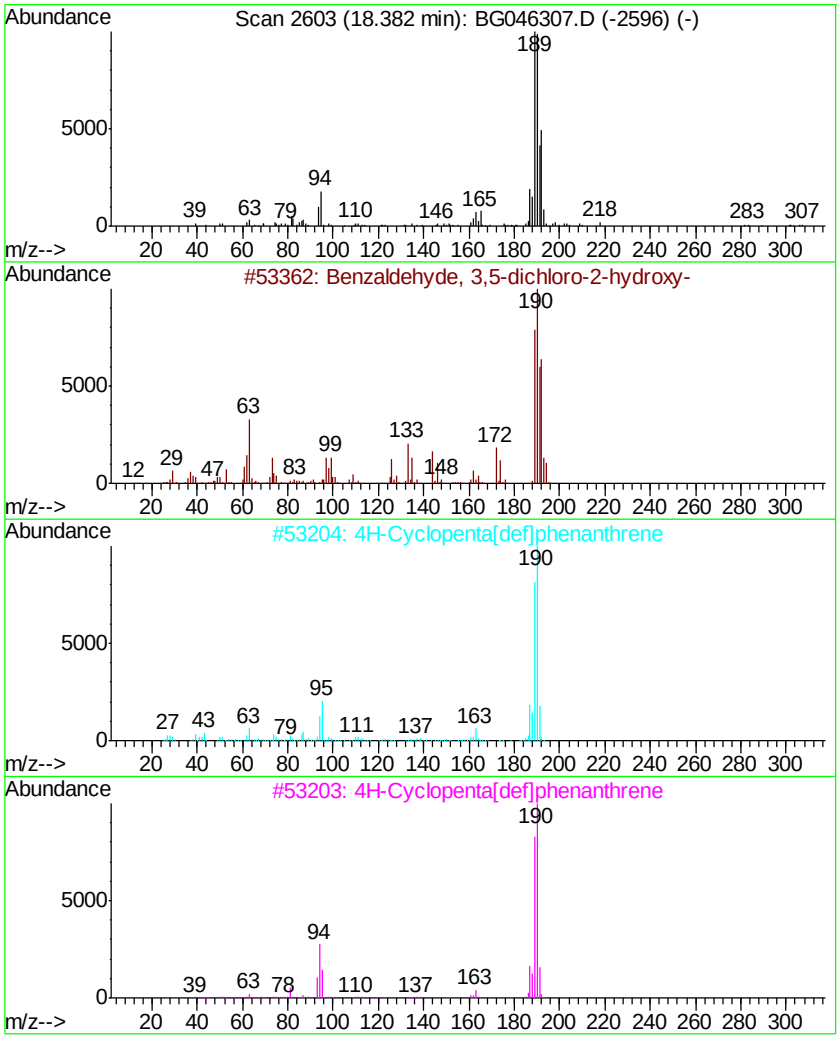
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

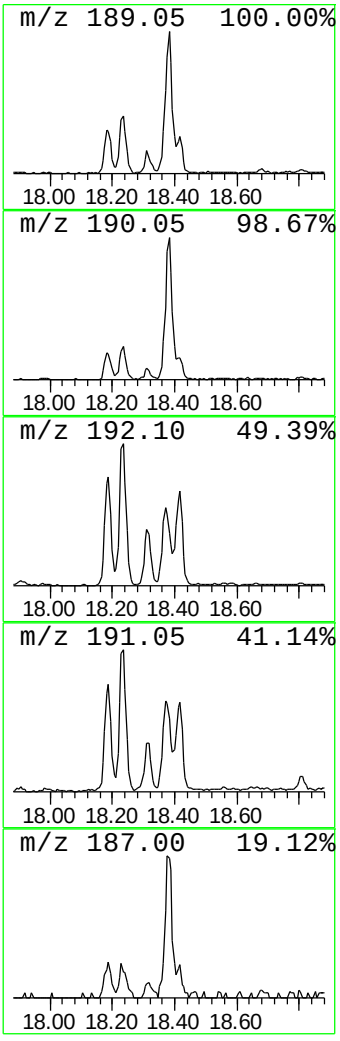
****

Peak Number 16 Benzaldehyde, 3,5-dichloro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.32 ng/ul	210516	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	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

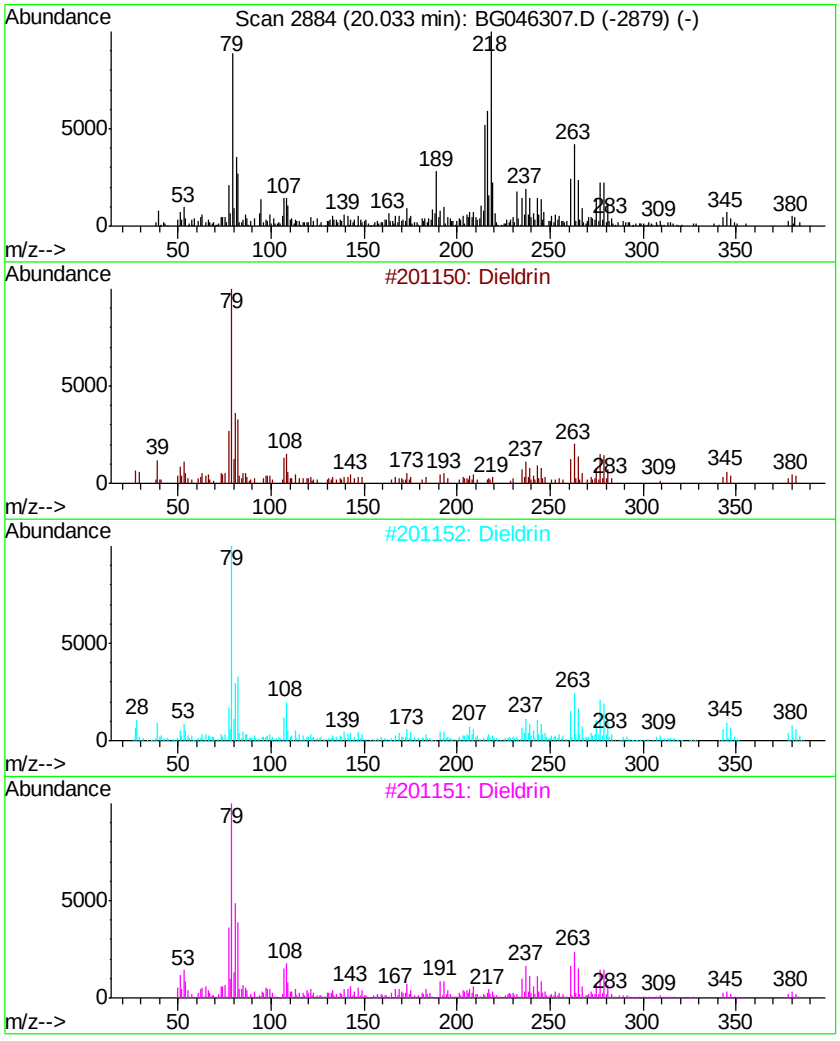
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

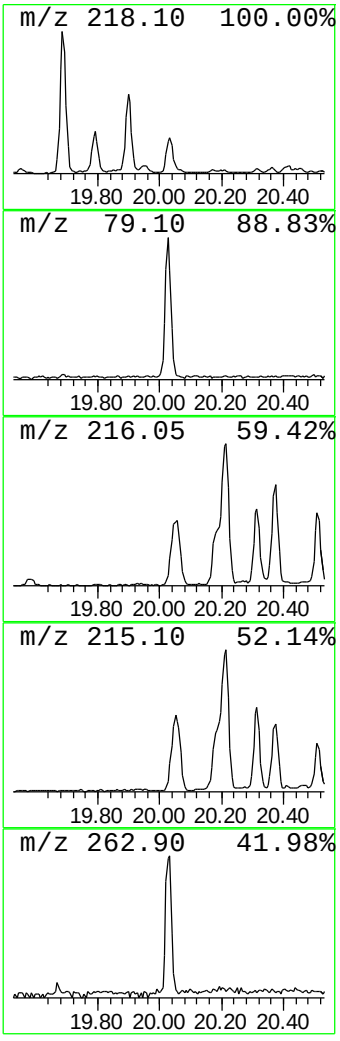
****

Peak Number 17 Dieldrin Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	3.72 ng/ul	407220	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	99
2	Dieldrin	378	C12H8Cl6O	000060-57-1	99
3	Dieldrin	378	C12H8Cl6O	000060-57-1	90
4	Dieldrin	378	C12H8Cl6O	000060-57-1	86
5	Benzo[kl]xanthene	218	C16H10O	000200-23-7	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

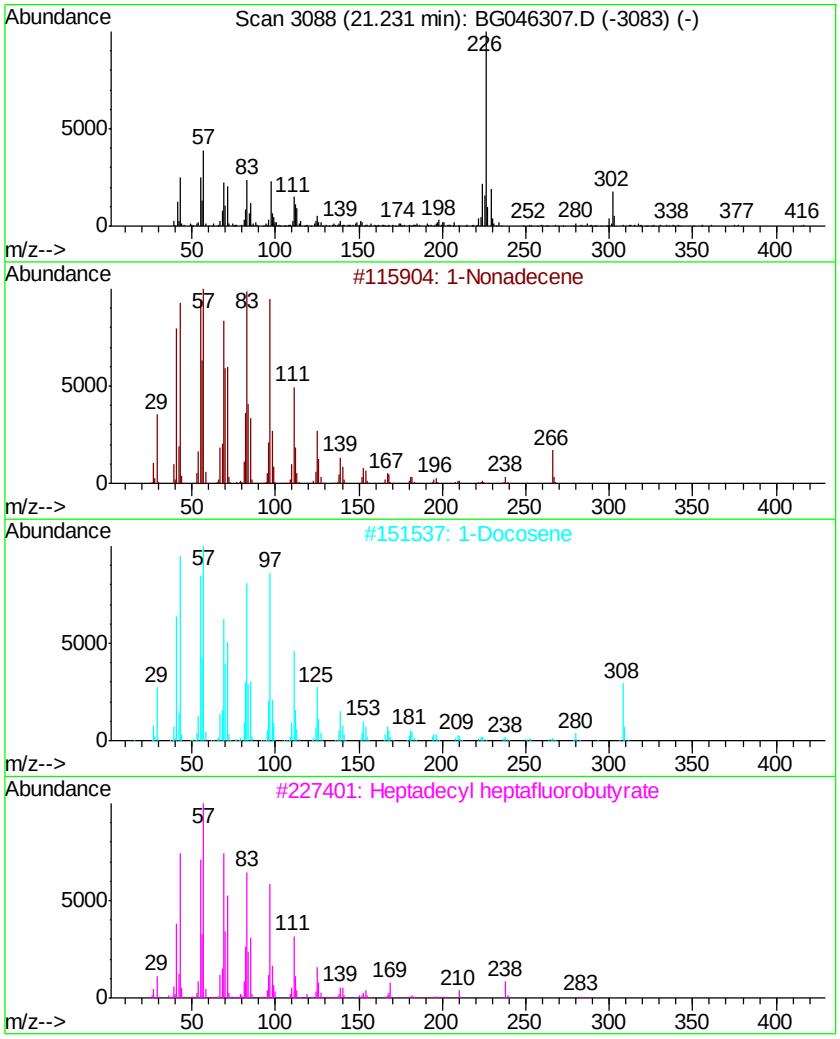
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

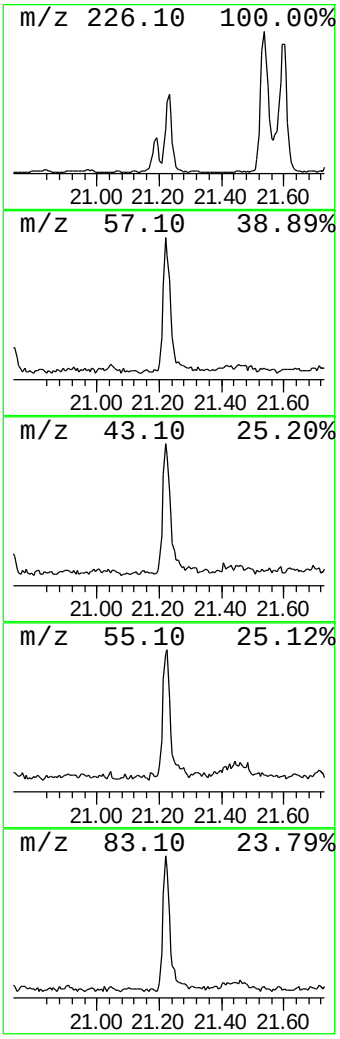
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	3.68 ng/ul	402990	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	72
2	1-Docosene	308	C22H44	001599-67-3	53
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	42
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	42
5	1,2-Octadecanediol	286	C18H38O2	020294-76-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
Operator : CG/JU
Sample : L3632-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM98

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	105.8	ng/ul	2094340	1	7.94	395887	20.0
Hexanoic acid, 4-...	7.11	7.9	ng/ul	156118	1	7.94	395887	20.0
unknown-01	7.27	6.5	ng/ul	128539	1	7.94	395887	20.0
unknown-02	7.48	8.2	ng/ul	161851	1	7.94	395887	20.0
Silane, dichlorom...	8.65	10.1	ng/ul	199210	1	7.94	395887	20.0
unknown-03	9.09	8.3	ng/ul	165246	1	7.94	395887	20.0
unknown-04	9.82	4.2	ng/ul	132283	2	10.74	628451	20.0
unknown-05	10.87	4.2	ng/ul	132684	2	10.74	628451	20.0
2,4,7,9-Tetrameth...	13.48	8.7	ng/ul	423376	3	14.57	972169	20.0
unknown-06	13.97	8.0	ng/ul	389614	3	14.57	972169	20.0
Dimethyl phthalate	14.02	4.2	ng/ul	203886	3	14.57	972169	20.0
unknown-07	14.76	2.3	ng/ul	112314	3	14.57	972169	20.0
unknown-08	15.67	3.2	ng/ul	155353	3	14.57	972169	20.0
unknown-09	15.70	2.8	ng/ul	134363	3	14.57	972169	20.0
Phenanthrene, 2-m...	18.23	3.3	ng/ul	207506	4	17.31	1266750	20.0
Benzaldehyde, 3,5...	18.38	3.3	ng/ul	210516	4	17.31	1266750	20.0
Dieldrin	20.03	3.7	ng/ul	407220	5	21.55	2188660	20.0
(DEL) Alkane: Str...	21.23	3.7	ng/ul	402990	5	21.55	2188660	20.0