LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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	28	rVB	1611382	2567591	99.11%	8.746%
2	3.399	49	53	59	rVB	11158	17317	0.67%	0.059%
3	3.822	121	125	130	rBV	7797	10041	0.39%	0.034%
4	3.916	136	141	148	rBV	36262	54188	2.09%	0.185%
5	4.051	159	164	173	rVV	15417	27252	1.05%	0.093%
6	4.140	176	179	186	rVB4	5087	8793	0.34%	0.030%
7	5.050	328	334	343	rBV2	10740	17126	0.66%	0.058%
8	7.113	678	685	696	rBV	183937	344299	13.29%	1.173%
9	7.265	705	711	721	rBV	172627	290090	11.20%	0.988%
10	7.477	737	747	758	rBV	209856	366041	14.13%	1.247%
11	7.941	819	826	835	rBV	319990	534121	20.62%	1.819%
12	8.646	939	946	962	rBV	150806	279673	10.80%	0.953%
13	9.093	1015	1022	1034	rBV	205096	373131	14.40%	1.271%
14	9.815	1138	1145	1157	rBV	170582	311638	12.03%	1.062%
15	10.362	1230	1238	1255	rBV	252525	472187	18.23%	1.608%
16	10.738	1295	1302	1316	rBV	457879	829418	32.02%	2.825%
17	10.867	1316	1324	1338	rBV	187267	358532	13.84%	1.221%
18	13.975	1844	1853	1857	rVV	512396	763055	29.46%	2.599%
19	14.016	1857	1860	1866	rVB	72101	101673	3.92%	0.346%
20	14.263	1893	1902	1915	rBV	567147	919435	35.49%	3.132%
21	14.569	1947	1954	1962	rBV	765905	1178803	45.50%	4.015%
22	14.774	1981	1989	2002	rBV	122138	256952	9.92%	0.875%
23	14.968	2018	2022	2030	rVV3	7283	13643	0.53%	0.046%
24	15.562	2115	2123	2129	rBV	782914	1179709	45.54%	4.018%
25	15.614	2129	2132	2137	rVV3	14936	20403	0.79%	0.069%
26	15.679	2137	2143	2153	rVV	133513	202492	7.82%	0.690%
27	15.802	2160	2164	2168	rBV2	7170	9258	0.36%	0.032%
28	15.914	2178	2183	2187	rBV3	5993	10796	0.42%	0.037%
29	16.061	2202	2208	2215	rBV3	4548	10110	0.39%	0.034%
30	16.290	2243	2247	2254	rBV7	6842	11142	0.43%	0.038%
31	16.625	2298	2304	2309	rVV6	4531	8968	0.35%	0.031%
32	16.766	2324	2328	2332	rBV2	23911	26918	1.04%	0.092%
33	16.813	2332	2336	2339	rVV3	26384	32701	1.26%	0.111%
34	16.854	2339	2343	2347	rVV	21502	28932	1.12%	0.099%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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	16.966	2357	2362	2369	rVB3	16098	26939	1.04%	0.092%
36	17.130	2385	2390	2396	rVB4	9827	22287	0.86%	0.076%
37	17.312	2414	2421	2425	rBV	916190	1388283	53.59%	4.729%
38	17.354	2425	2428	2432	rVV	183789	253960	9.80%	0.865%
39	17.412	2432	2438	2449	rVV	744000	1178161	45.48%	4.013%
40	17.500	2450	2453	2459	rVB5	7043	13033	0.50%	0.044%
41	17.559	2459	2463	2465	rBV4	6635	8946	0.35%	0.030%
42	17.712	2486	2489	2494	rVB3	9400	13650	0.53%	0.046%
43	17.824	2503	2508	2513	rBV6	7365	13048	0.50%	0.044%
44	17.882	2513	2518	2524	rVV2	198596	297962	11.50%	1.015%
45	17.965	2527	2532	2539	rVB7	30298	47247	1.82%	0.161%
46	18.117	2553	2558	2564	rBV7	32718	61189	2.36%	0.208%
47	18.188	2564	2570	2575	rBV2	133140	209275	8.08%	0.713%
48	18.235	2575	2578	2583	rVB	50004	72031	2.78%	0.245%
49	18.317	2588	2592	2596	rVB2	10368	13948	0.54%	0.048%
50	18.382	2596	2603	2606	rBV2	47672	85442	3.30%	0.291%
51	18.417	2606	2609	2615	rVB	46492	68076	2.63%	0.232%
52	18.488	2615	2621	2626	rBV8	12902	32600	1.26%	0.111%
53	18.540	2626	2630	2633	rBV5	15747	22862	0.88%	0.078%
54	18.587	2633	2638	2641	rVV	168674	268746	10.37%	0.915%
55	18.617	2641	2643	2648	rVB2	124652	138617	5.35%	0.472%
56	18.687	2650	2655	2658	rBV	40334	64864	2.50%	0.221%
57	18.740	2658	2664	2672	rVB2	148104	271980	10.50%	0.926%
58	18.811	2672	2676	2681	rVB4	29789	39266	1.52%	0.134%
59	18.869	2681	2686	2691	rBV7	31126	55300	2.13%	0.188%
60	18.940	2694	2698	2702	rVB5	15165	22150	0.86%	0.075%
61	18.987	2702	2706	2709	rBV2	49247	60514	2.34%	0.206%
62	19.022	2709	2712	2715	rVB4	16798	20491	0.79%	0.070%
63	19.069	2715	2720	2724	rBV	213225	310541	11.99%	1.058%
64	19.104	2724	2726	2734	rVV8	52821	112181	4.33%	0.382%
65	19.204	2738	2743	2745	rVV5	19162	35531	1.37%	0.121%
66	19.240	2745	2749	2756	rVB3	77712	150909	5.83%	0.514%
67	19.328	2756	2764	2766	rBV4	105202	189046	7.30%	0.644%
68	19.363	2766	2770	2774	rVV	392288	538555	20.79%	1.834%
69	19.404	2774	2777	2784	rVB2	138716	202616	7.82%	0.690%
70	19.469	2784	2788	2791	rBV2	117339	166073	6.41%	0.566%
71	19.510	2791	2795	2800	rVB	371401	507153	19.58%	1.727%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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	19.557	2800	2803	2805	rBV3	13849	18036	0.70%	0.061%
73	19.698	2818	2827	2839	rBV2	1156468	2590548	100.00%	8.824%
74	19.804	2840	2845	2850	rVB4	51665	82245	3.17%	0.280%
75	19.915	2858	2864	2868	rBV3	37526	64057	2.47%	0.218%
76	19.956	2868	2871	2877	rVB2	24520	37415	1.44%	0.127%
77	20.027	2879	2883	2887	rBV3	173796	259116	10.00%	0.883%
78	20.068	2887	2890	2895	rVB3	69371	95937	3.70%	0.327%
79	20.215	2912	2915	2923	rVB	60548	93378	3.60%	0.318%
80	20.327	2928	2934	2937	rBV3	32214	71053	2.74%	0.242%
81	20.374	2938	2942	2946	rVB2	43740	66061	2.55%	0.225%
82	20.432	2946	2952	2956	rBV6	44900	77342	2.99%	0.263%
83	20.515	2963	2966	2970	rBV	30362	37130	1.43%	0.126%
84	20.562	2971	2974	2977	rVB	27371	30946	1.19%	0.105%
85	20.638	2984	2987	2991	rBV3	66050	84673	3.27%	0.288%
86	20.973	3040	3044	3050	rVB	50816	79051	3.05%	0.269%
87	21.149	3069	3074	3078	rBV2	28099	54657	2.11%	0.186%
88	21.190	3078	3081	3083	rVV	39627	47688	1.84%	0.162%
89	21.225	3083	3087	3095	rVV3	264996	500261	19.31%	1.704%
90	21.296	3095	3099	3107	rVB	54852	106618	4.12%	0.363%
91	21.461	3125	3127	3131	rVB3	27123	30189	1.17%	0.103%
92	21.560	3136	3144	3149	rVV2	1075398	1969603	76.03%	6.709%
93	21.602	3149	3151	3161	rVB	183769	282589	10.91%	0.963%
94	22.994	3382	3388	3400	rVB2	177741	385839	14.89%	1.314%
95	23.687	3499	3506	3514	rBV2	127795	419646	16.20%	1.429%
96	23.805	3522	3526	3531	rVB2	55587	96824	3.74%	0.330%
97	24.386	3619	3625	3629	rBV	54925	124488	4.81%	0.424%
98	24.457	3629	3637	3644	rBV	442538	1125913	43.46%	3.835%
99	24.674	3664	3674	3692	rBV2	550010	1751885	67.63%	5.967%
100	25.808	3860	3867	3874	rVB2	60923	155120	5.99%	0.528%

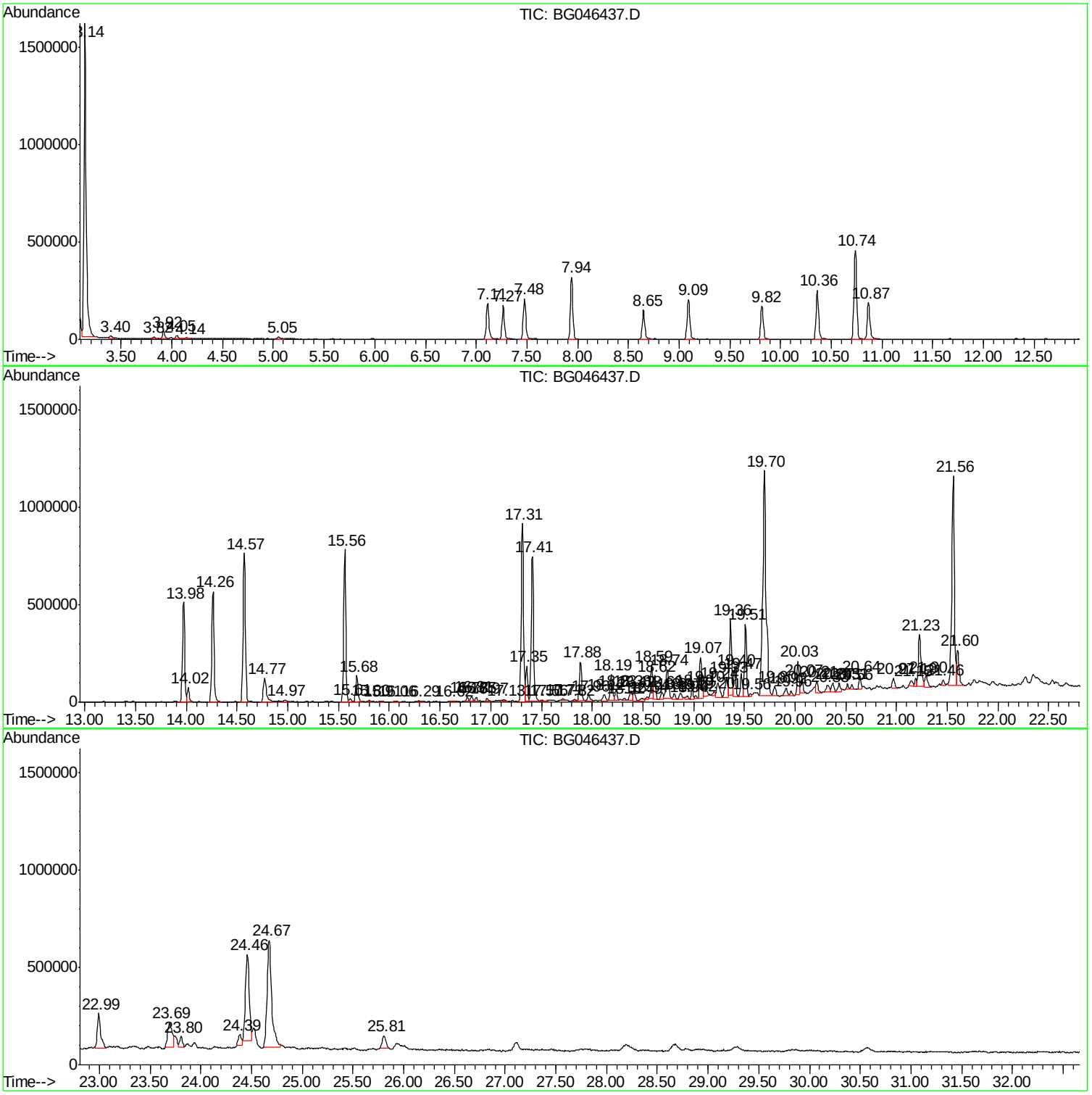
Sum of corrected areas: 29358208

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMX9

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

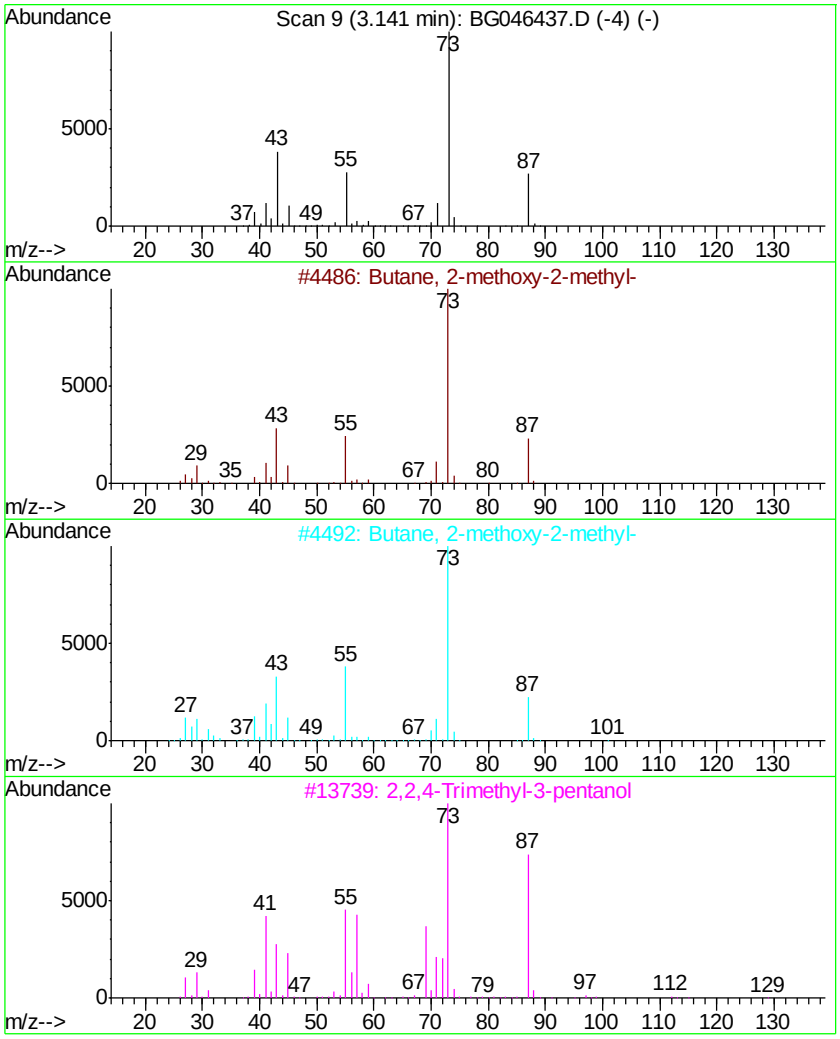
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

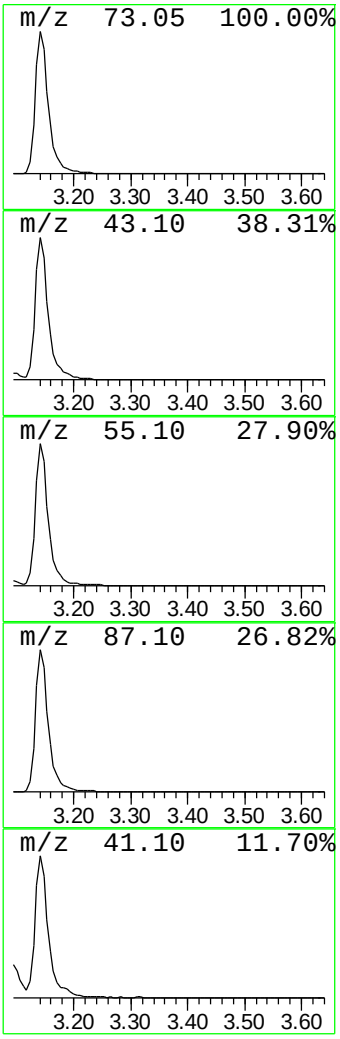
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	96.14 ng/ul	2567590	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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

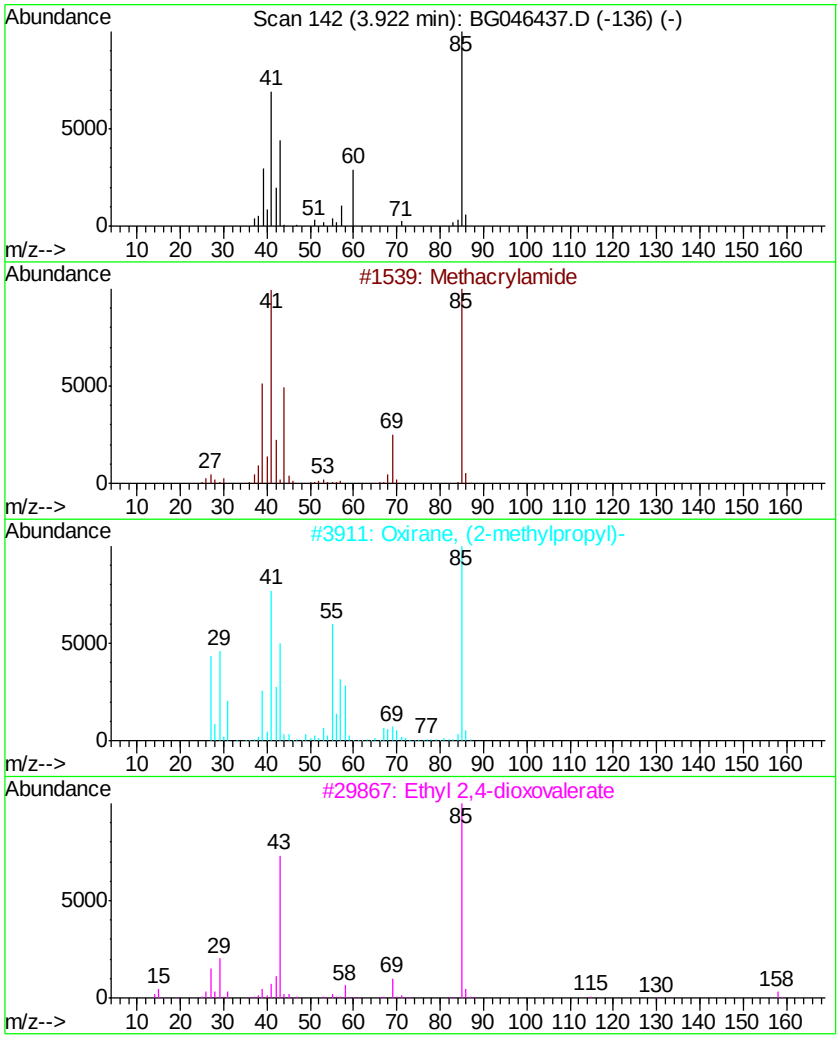
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

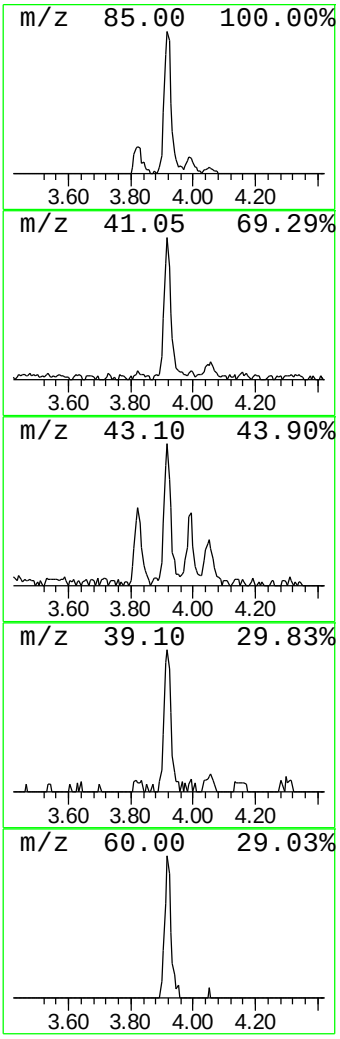
****

Peak Number 2 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	2.03 ng/ul	54188	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	45
2	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	38
3	Ethyl 2,4-dioxovalerate	158	C7H10O4	000615-79-2	23
4	Formic acid, 2-methylpropyl ester	102	C5H10O2	000542-55-2	10
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

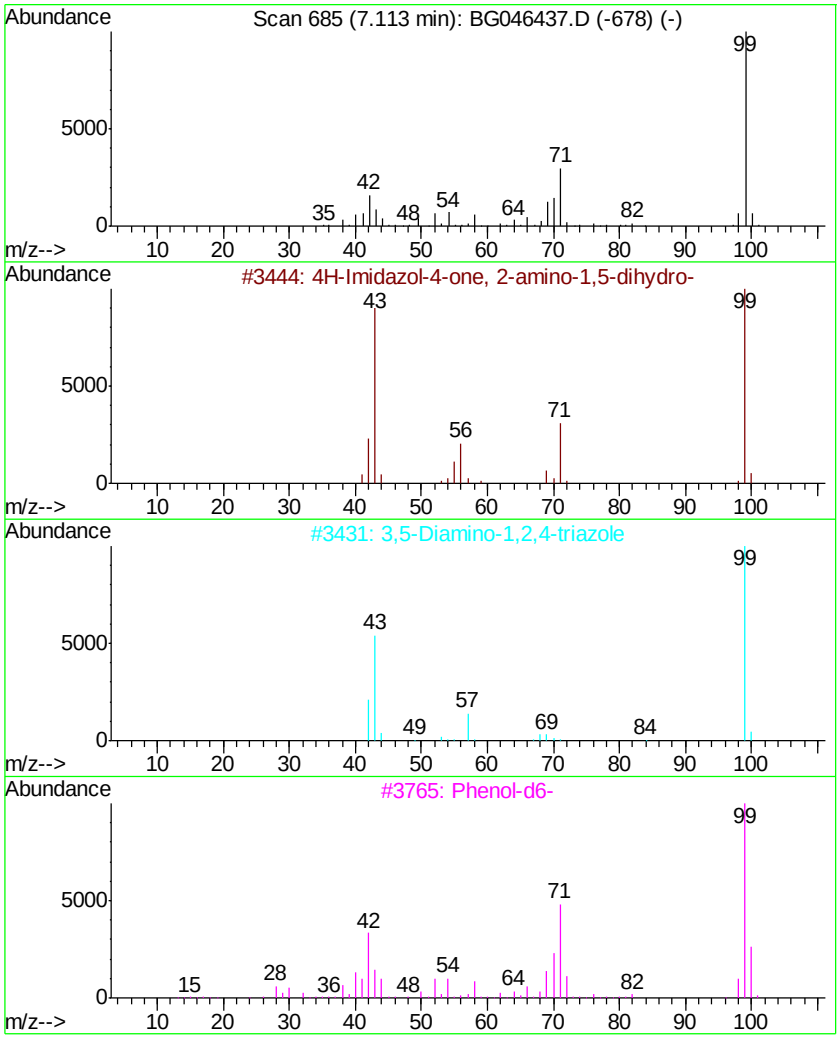
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

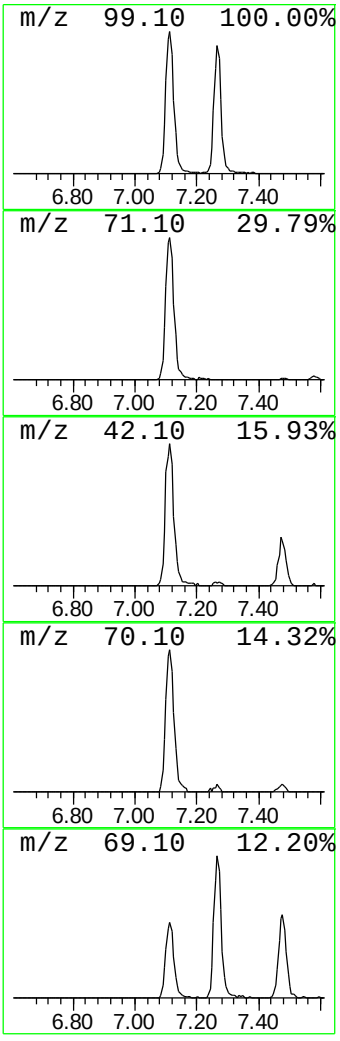
****

Peak Number 3 4H-Imidazol-4-one, 2-amino-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	12.89 ng/ul	344299	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	59
2	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	50
3	Phenol-d6-	100	C6D6O	013127-88-3	43
4	Succinimide	99	C4H5NO2	000123-56-8	40
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

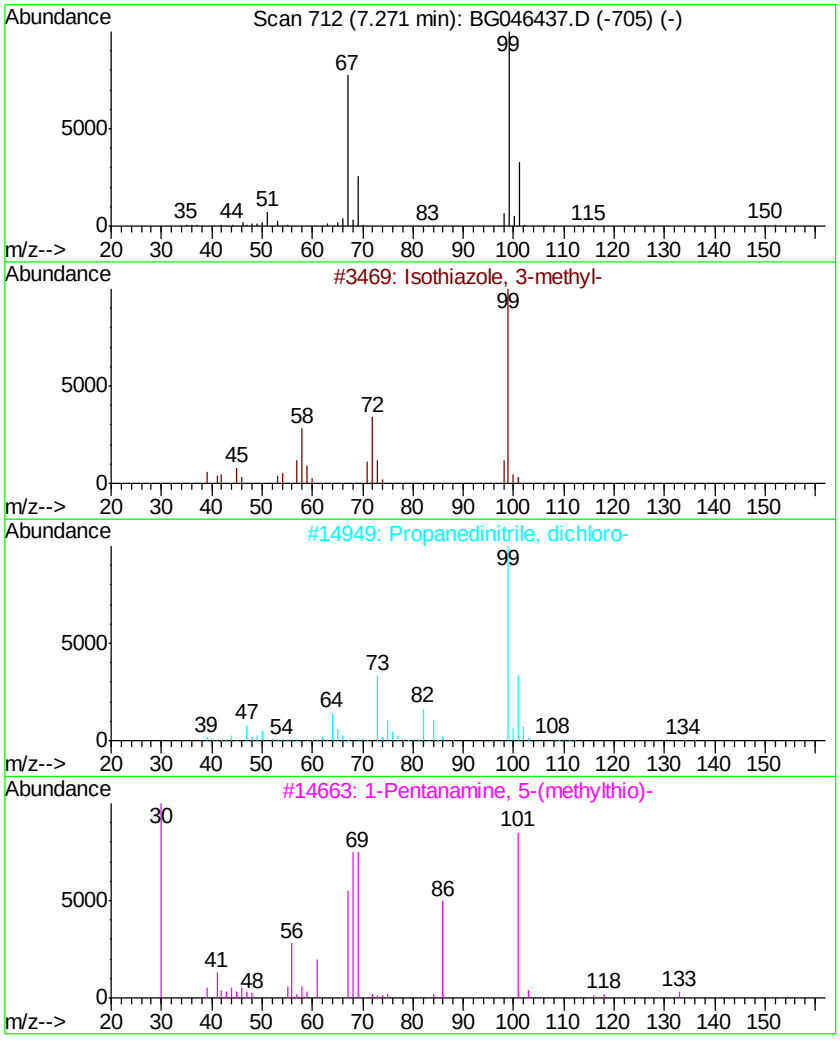
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

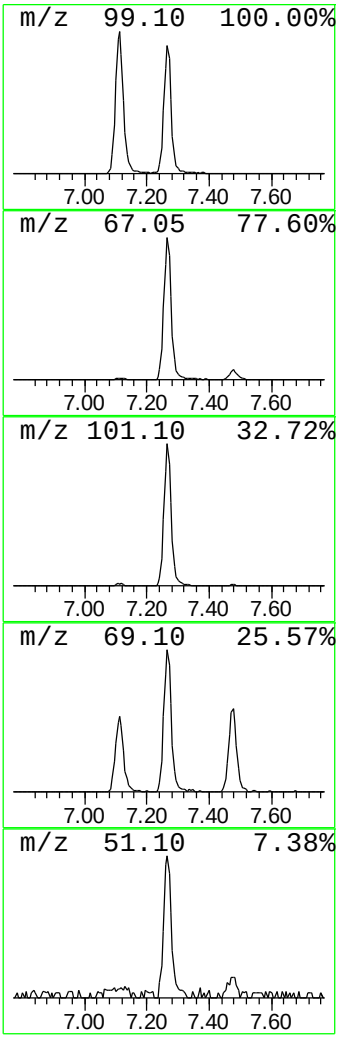
****

Peak Number 4 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	10.86 ng/ul	290090	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	Propanedinitrile, dichloro-	134	C3Cl2N2	013063-43-9	9
3	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7
5	Succinimide	99	C4H5NO2	000123-56-8	5





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

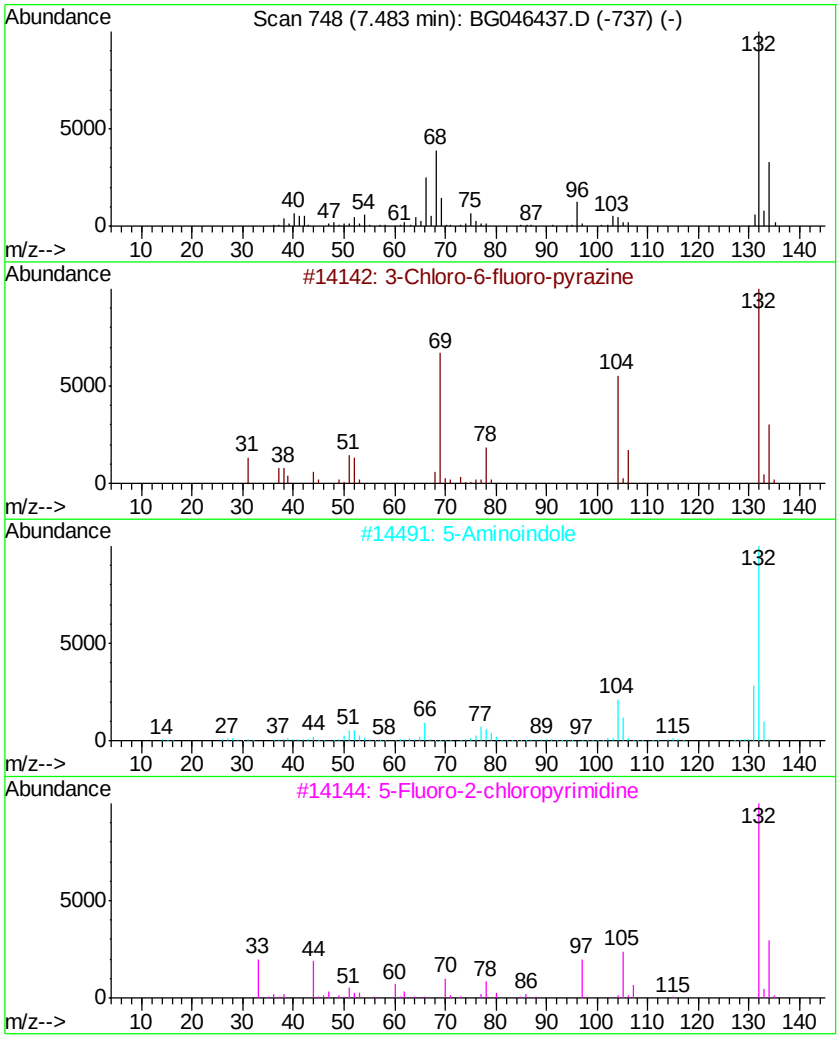
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

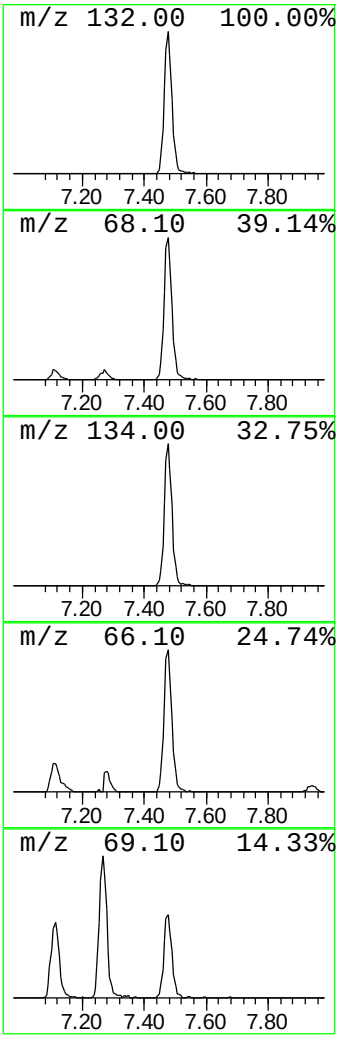
****

Peak Number 5 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	13.71 ng/ul	366041	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-Aminoindole	132	C8H8N2	005192-03-0	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

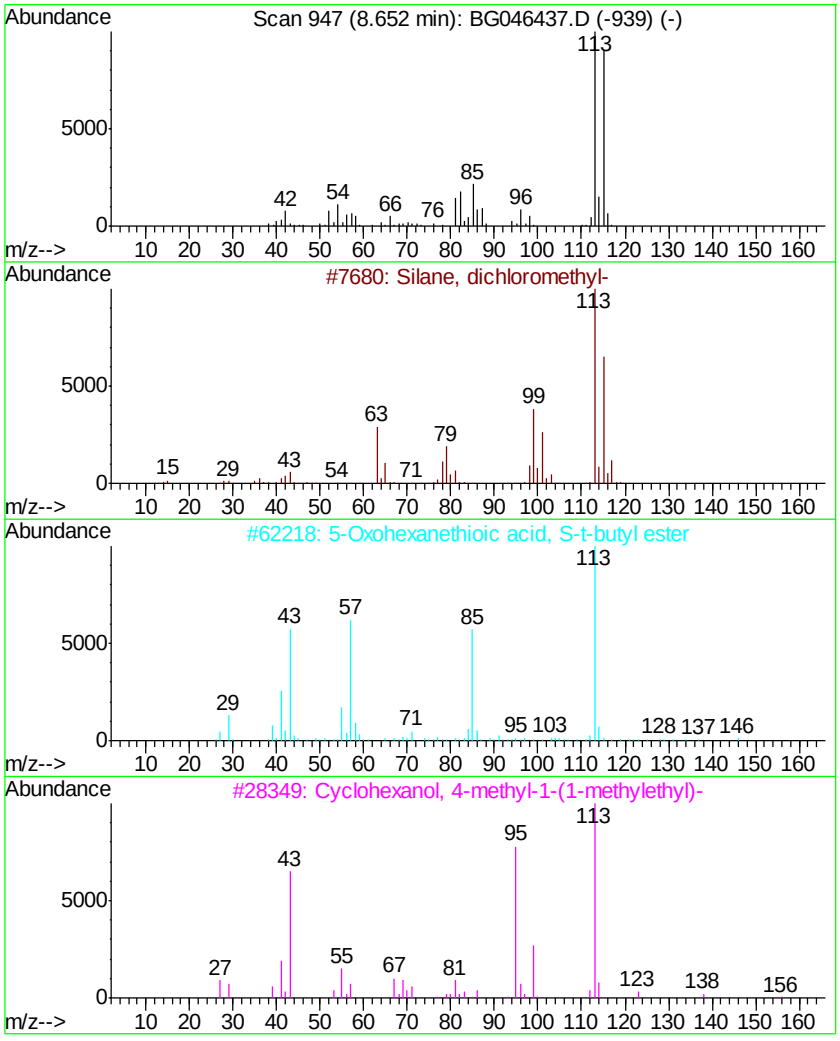
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

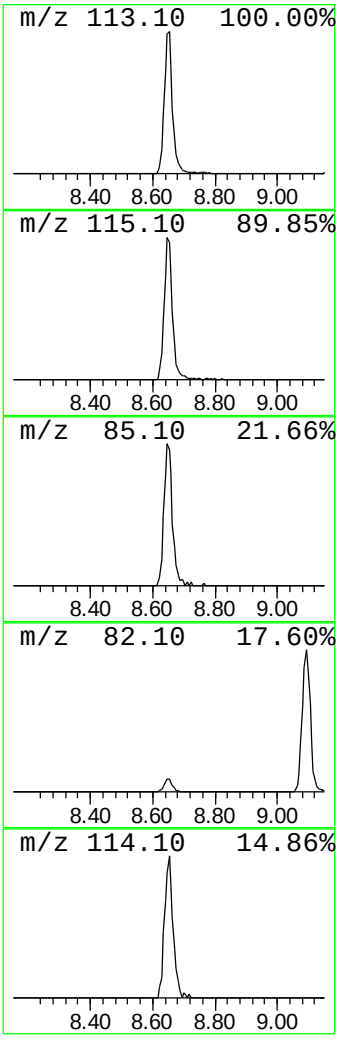
****

Peak Number 6 Silane, dichloromethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	10.47 ng/ul	279673	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	5-Oxohexanethioic acid, S-t-butv...	202	C10H18O2S	1000194-60-8	38
3	Cyclohexanol, 4-methyl-1-(1-meth...	156	C10H20O	000470-65-5	35
4	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

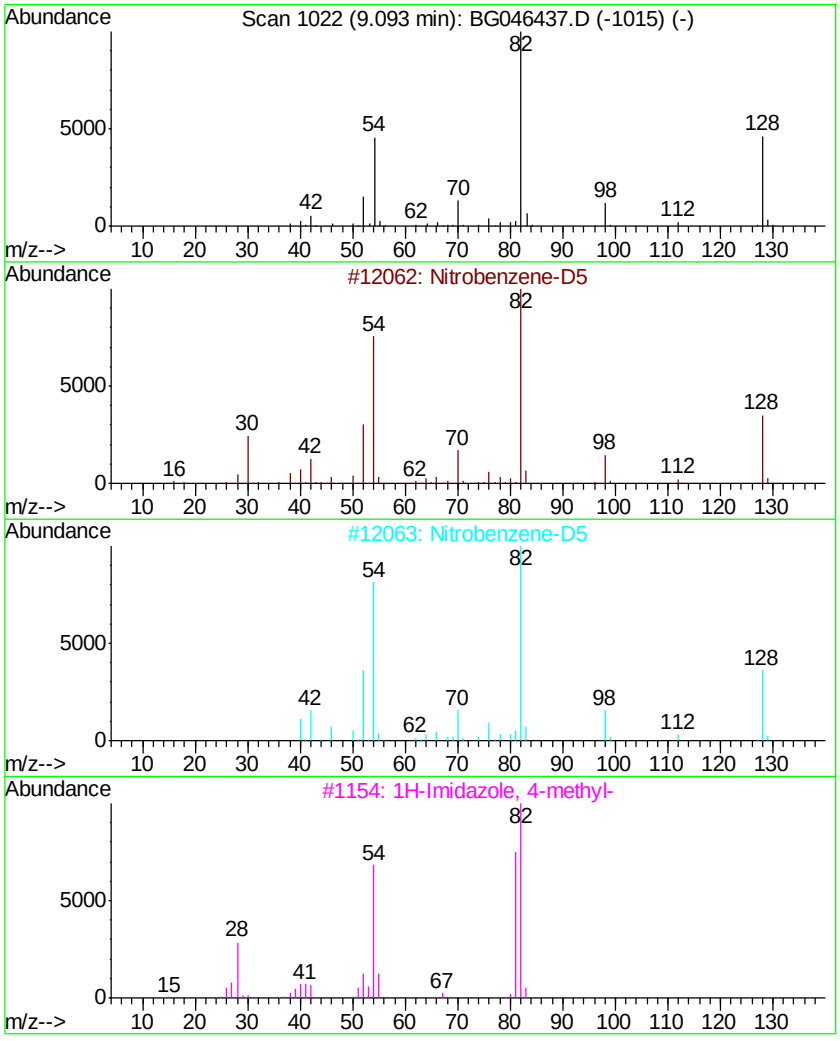
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

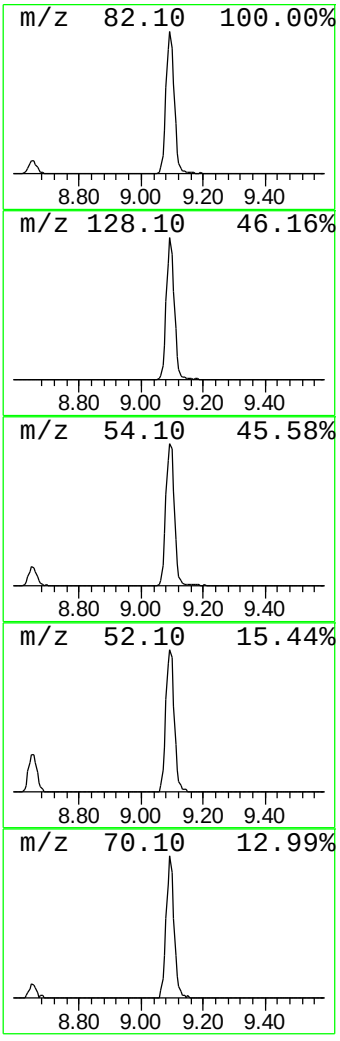
****

Peak Number 7 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	13.97 ng/ul	373131	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	87
2	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	64
3	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	47
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
5	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

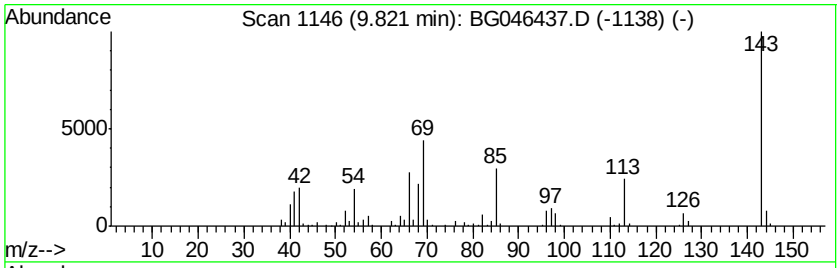
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

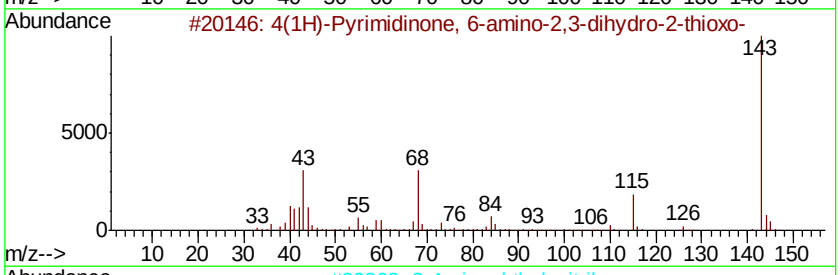
****

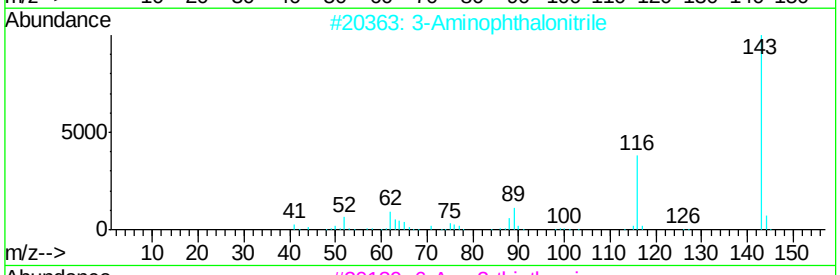
Peak Number 8 unknown-05 Concentration Rank 9

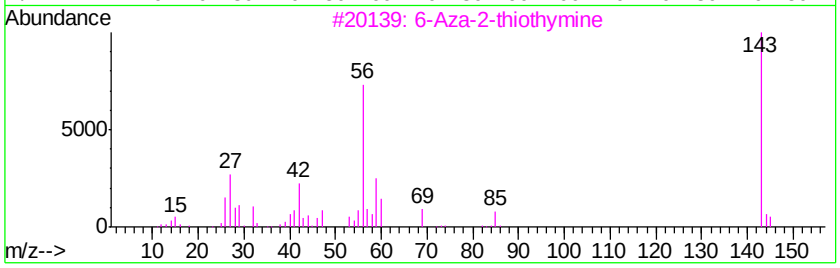
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	7.51 ng/ul	311638	Naphthalene-d8	10.74

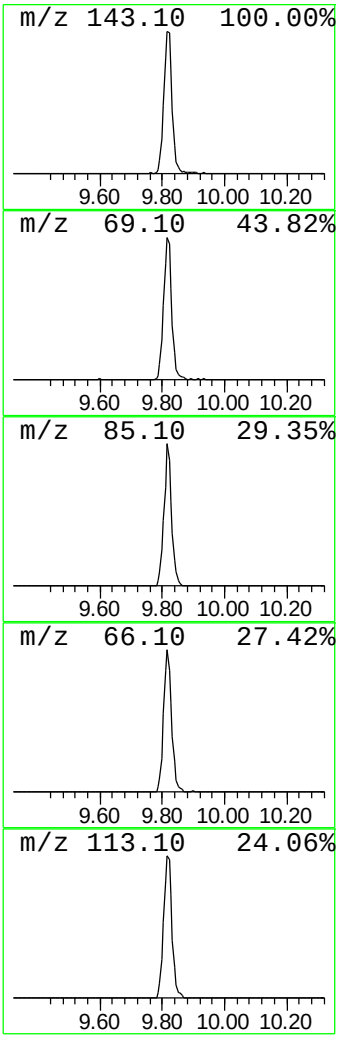
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	10
2	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10
3	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	10
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-10-9	10
5	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	10











Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

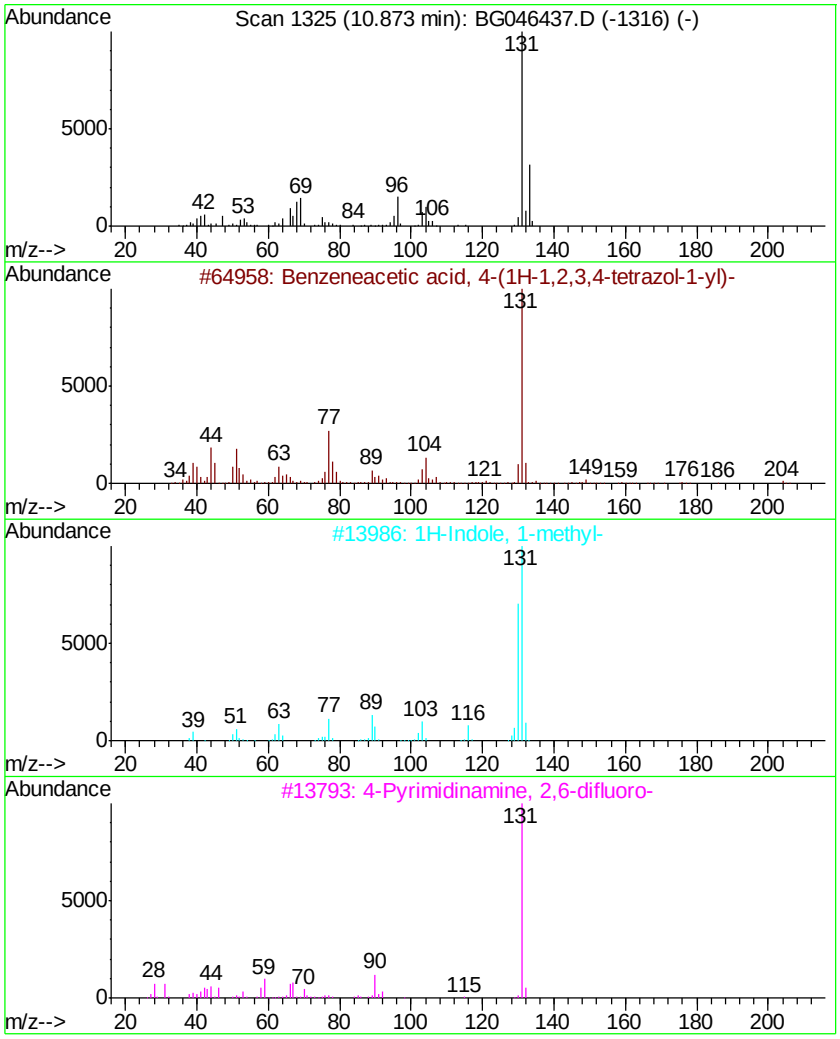
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

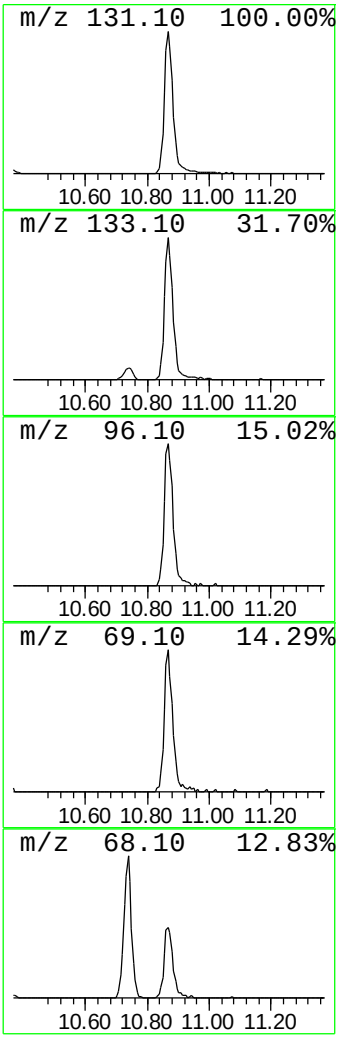
****

Peak Number 9 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	8.65 ng/ul	358532	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
3	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
4	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	9
5	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

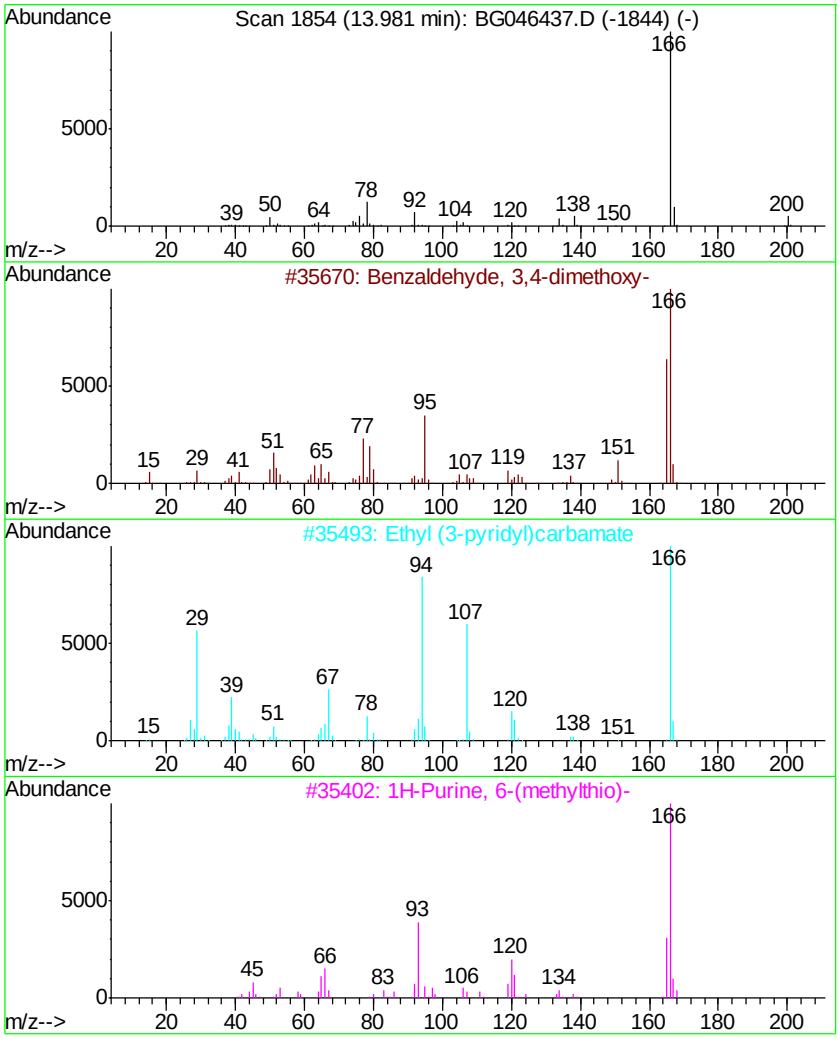
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

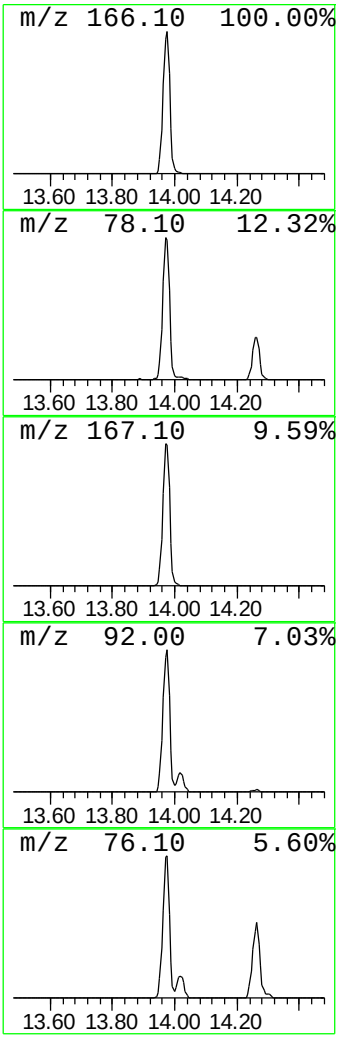
****

Peak Number 10 unknown-07 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	12.95 ng/ul	763055	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	39
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	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

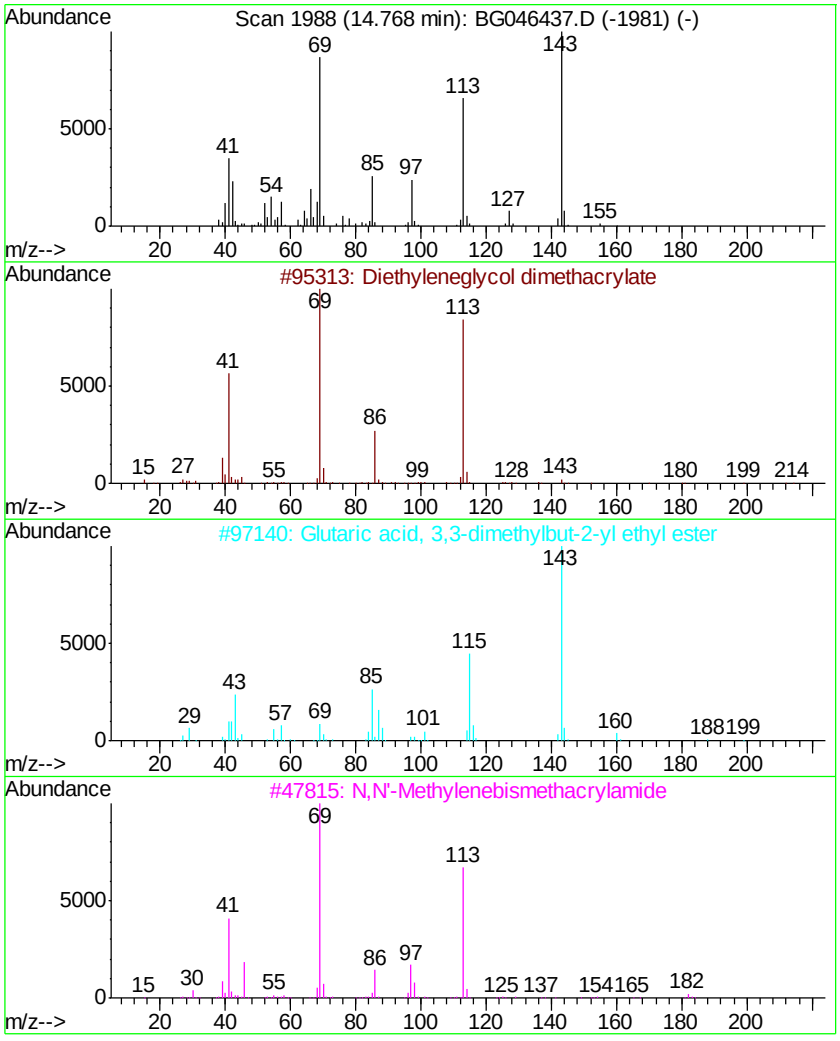
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

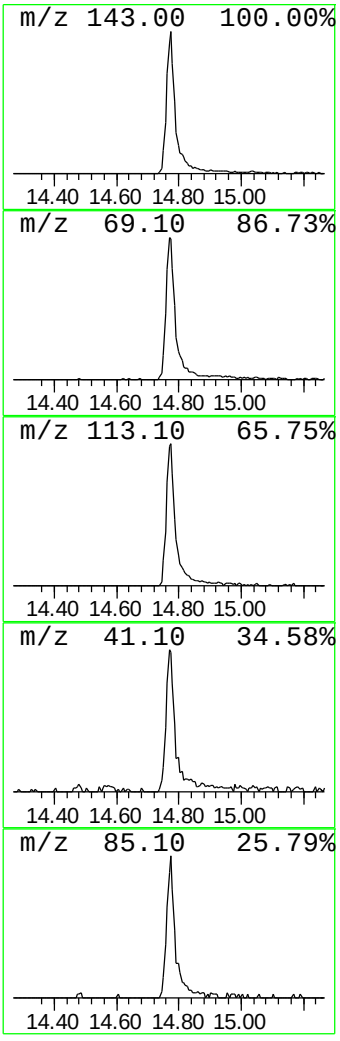
****

Peak Number 11 unknown-08 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	4.36 ng/ul	256952	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, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	25
3	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	16
5	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

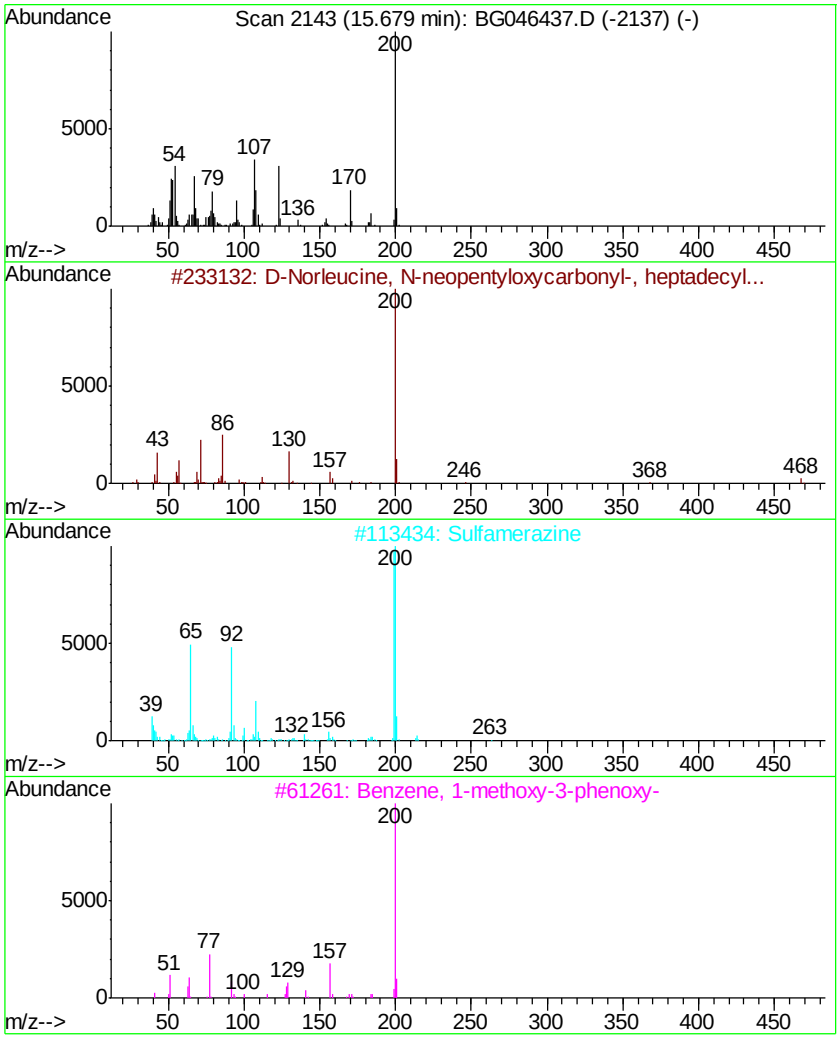
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

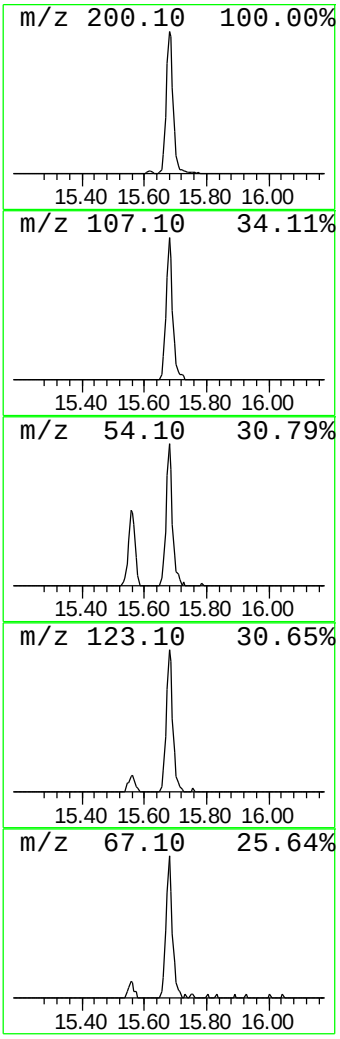
****

Peak Number 12 unknown-09 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.44 ng/ul	202492	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Norleucine, N-neopentyloxycarb...	483	C29H57NO4	1000344-14-2	14
2	Sulfamerazine	264	C11H12N4O2S	000127-79-7	12
3	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	10
4	DL-Norleucine, N-neopentyloxycar...	483	C29H57NO4	1000339-05-9	10
5	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

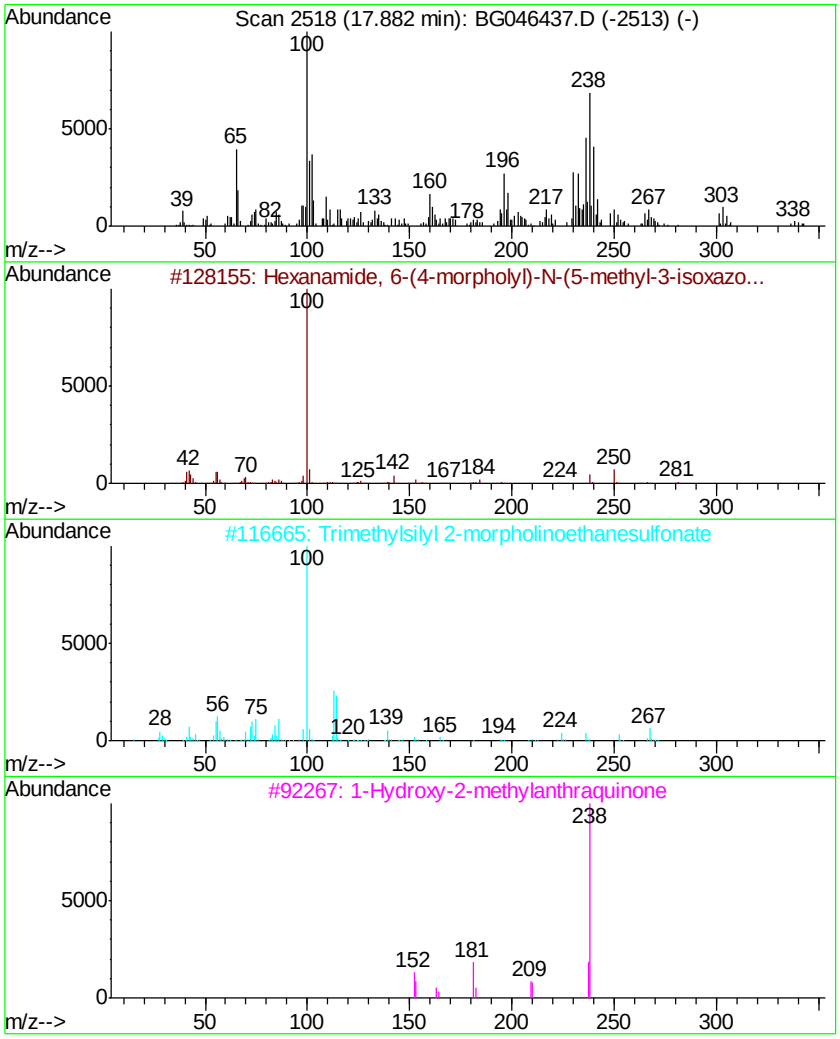
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

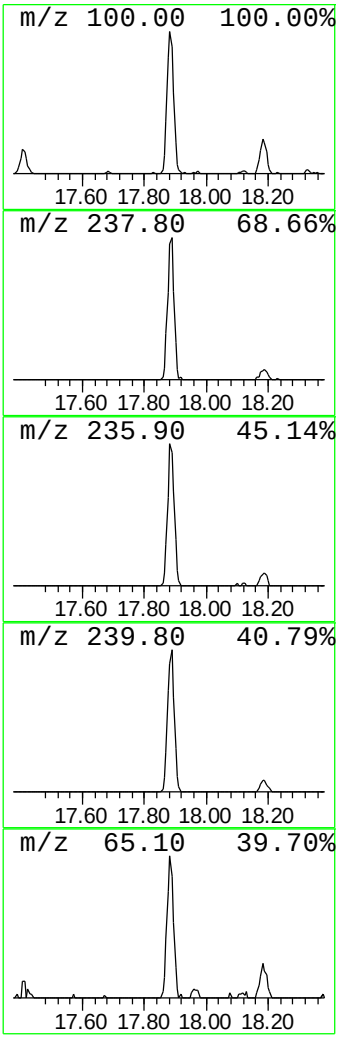
****

Peak Number 13 unknown-10 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	4.29 ng/ul	297962	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanamide, 6-(4-morpholyl)-N-(5...	281	C14H23N3O3	1000263-83-5	10
2	Trimethylsilyl 2-morpholinoethan...	267	C9H21NO4SSi	1000372-69-8	9
3	1-Hydroxy-2-methylanthraquinone	238	C15H10O3	006268-09-3	9
4	1,4-Phenanthrenedione, 3-hydroxy...	238	C15H10O3	030684-15-2	9
5	1,4-Anthracenedione, 2-hydroxy-5...	238	C15H10O3	055538-71-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

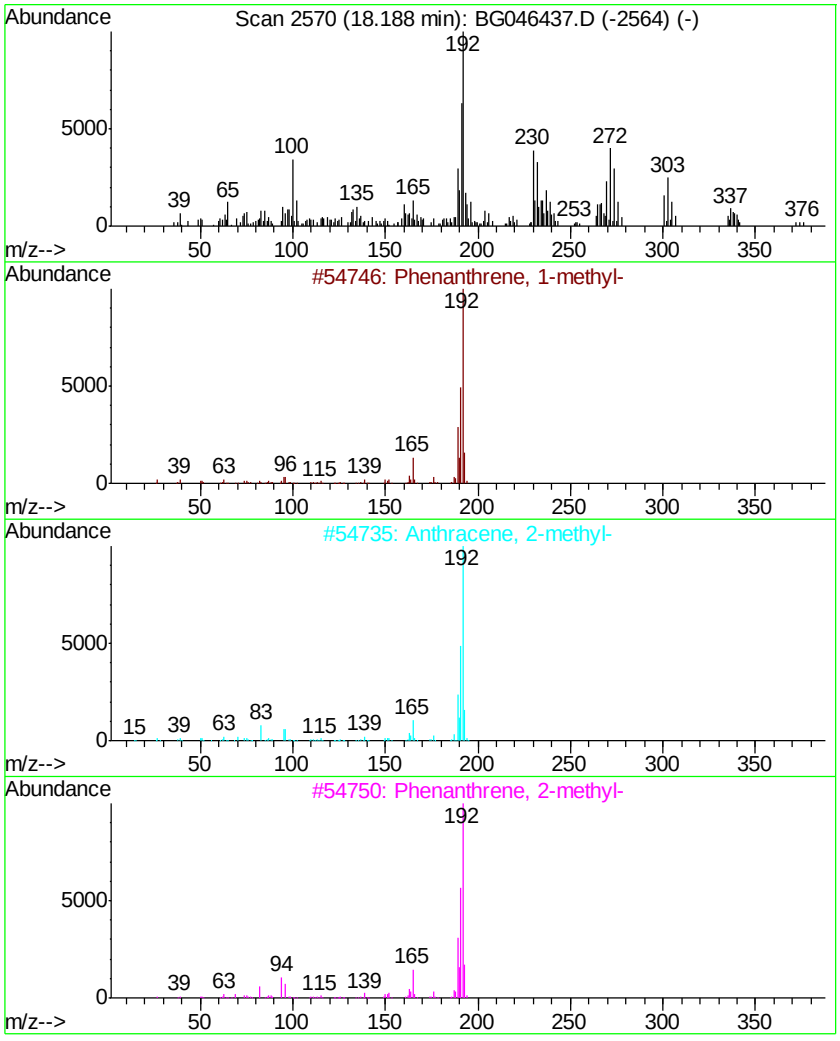
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

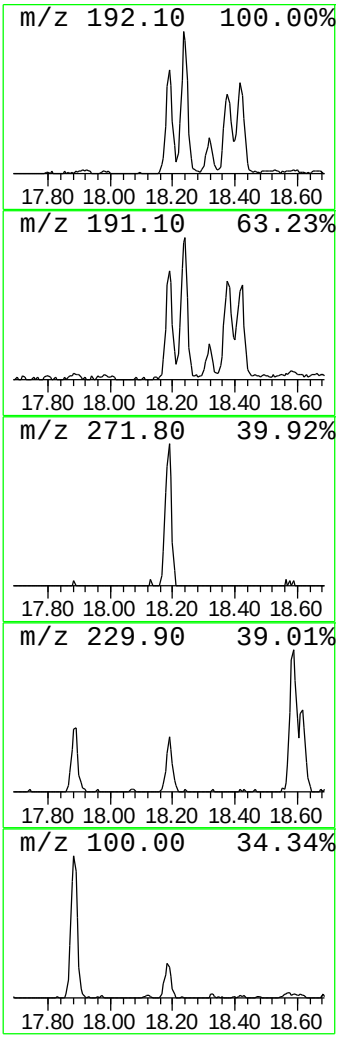
****

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	3.01 ng/ul	209275	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	59
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

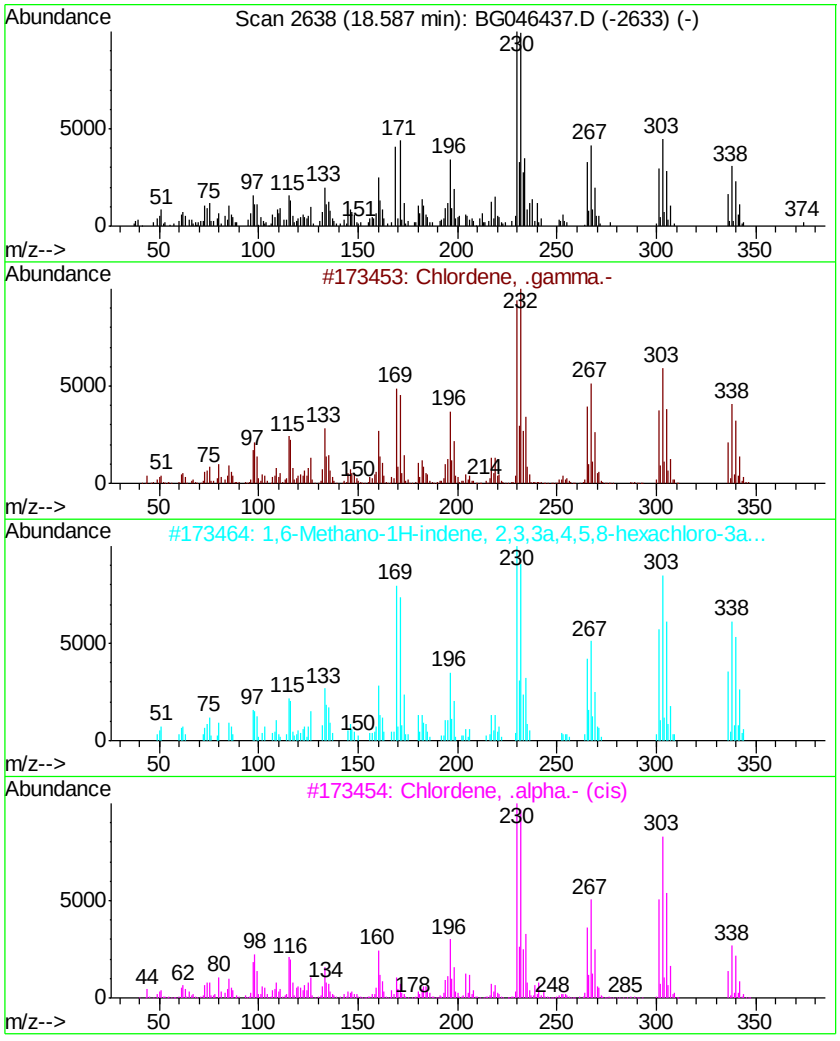
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

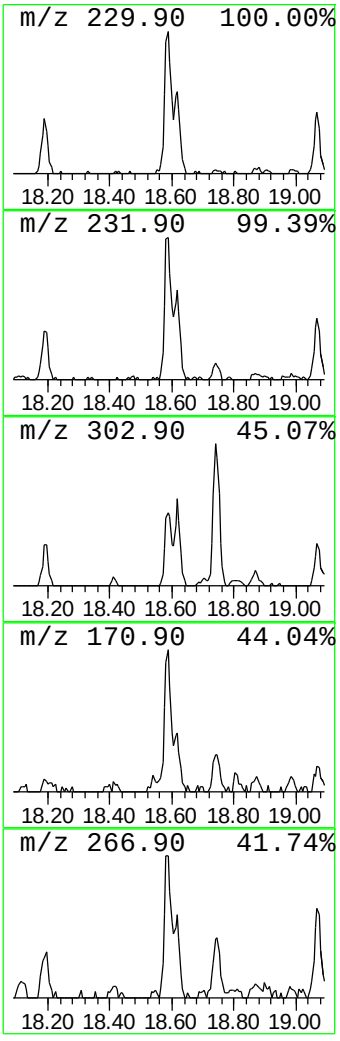
****

Peak Number 15 Chlordene, .gamma.- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	3.87 ng/ul	268746	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlordene, .gamma.-	336	C10H6Cl6	1000378-50-6	99
2	1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	96
3	Chlordene, .alpha.- (cis)	336	C10H6Cl6	1000378-50-5	60
4	Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	50
5	Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

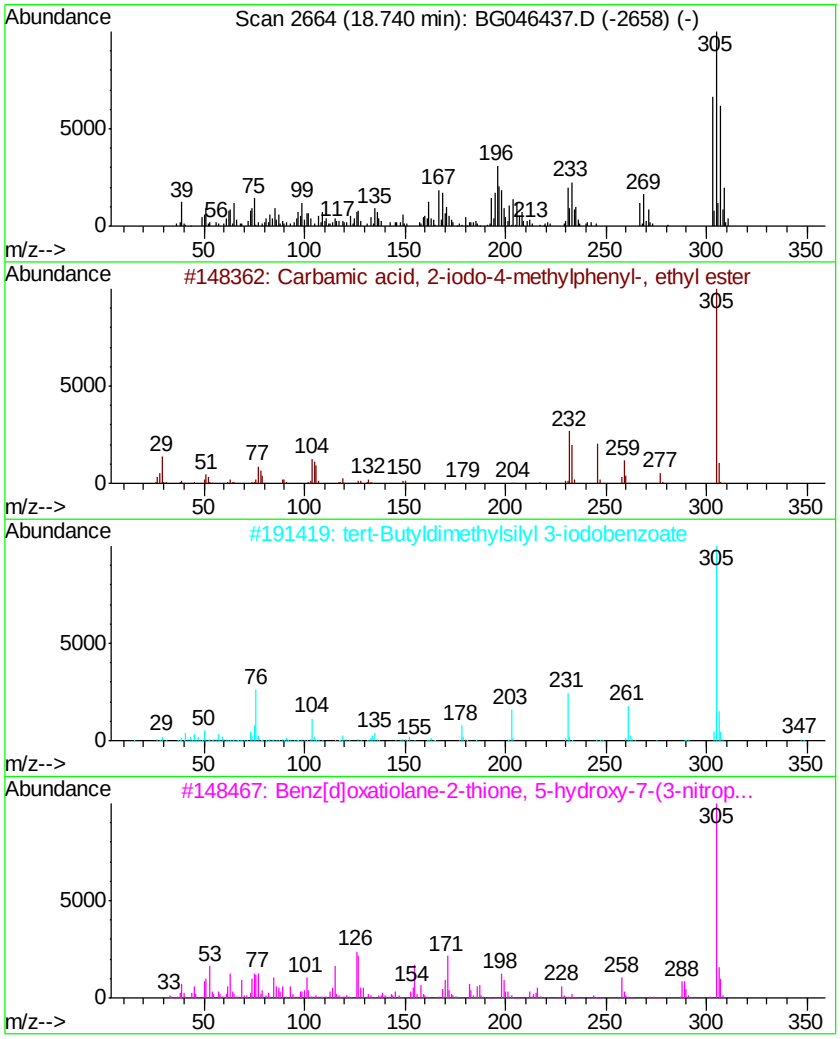
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

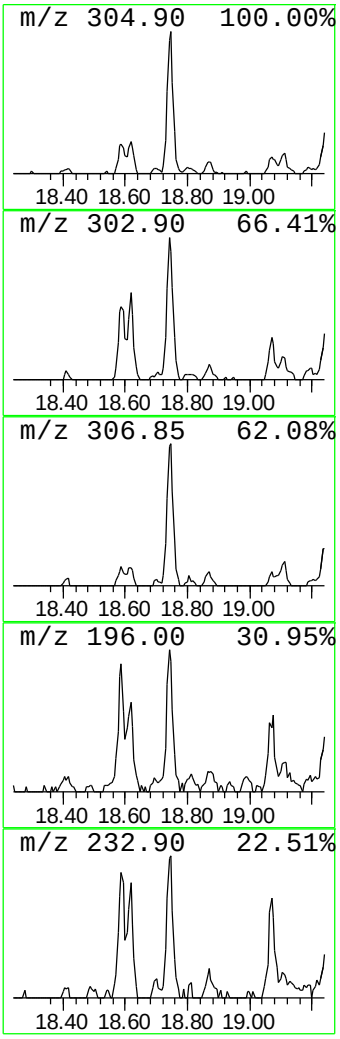
****

Peak Number 16 unknown-11 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	3.92 ng/ul	271980	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, 2-iodo-4-methylph...	305	C10H12INO2	1000314-76-2	27
2	tert-Butyldimethylsilyl 3-iodobe...	362	C13H19IO2Si	1000373-18-3	16
3	Benz[d]oxatiolane-2-thione, 5-hy...	305	C13H7NO4S2	1000269-50-4	12
4	Clioquinol	305	C9H5ClINO	000130-26-7	12
5	Furo[2,3-H]coumarine, 6-methyl-1...	305	C19H15NO3	298684-60-3	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

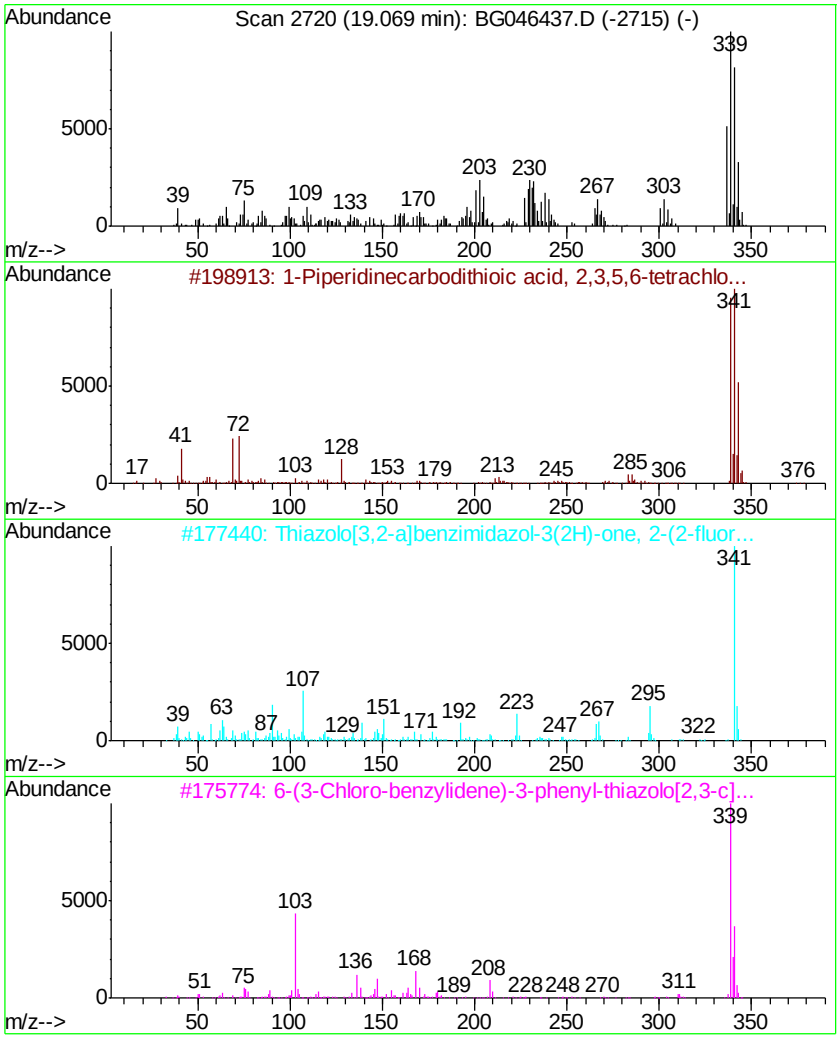
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

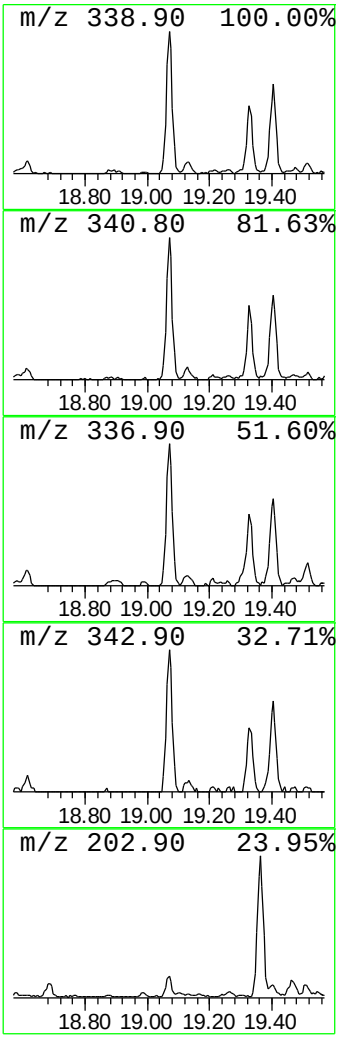
****

Peak Number 17 unknown-12 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	4.47 ng/ul	310541	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Piperidinecarbodithioic acid, ...	374	C11H10Cl4N2S2	1000305-28-9	38
2	Thiazolo[3,2-a]benzimidazol-3(2H...	341	C16H8FN3O3S	296771-02-3	14
3	6-(3-Chloro-benzylidene)-3-phenv...	339	C17H10ClN3OS	1000294-64-5	12
4	Benzothiophene, 5-chloro-3-methy...	341	C18H12ClNS2	1000270-14-7	12
5	Molybdenum, [(4a,4b,8a,9,9a-.eta...	386	C22H24Mo	125312-19-8	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

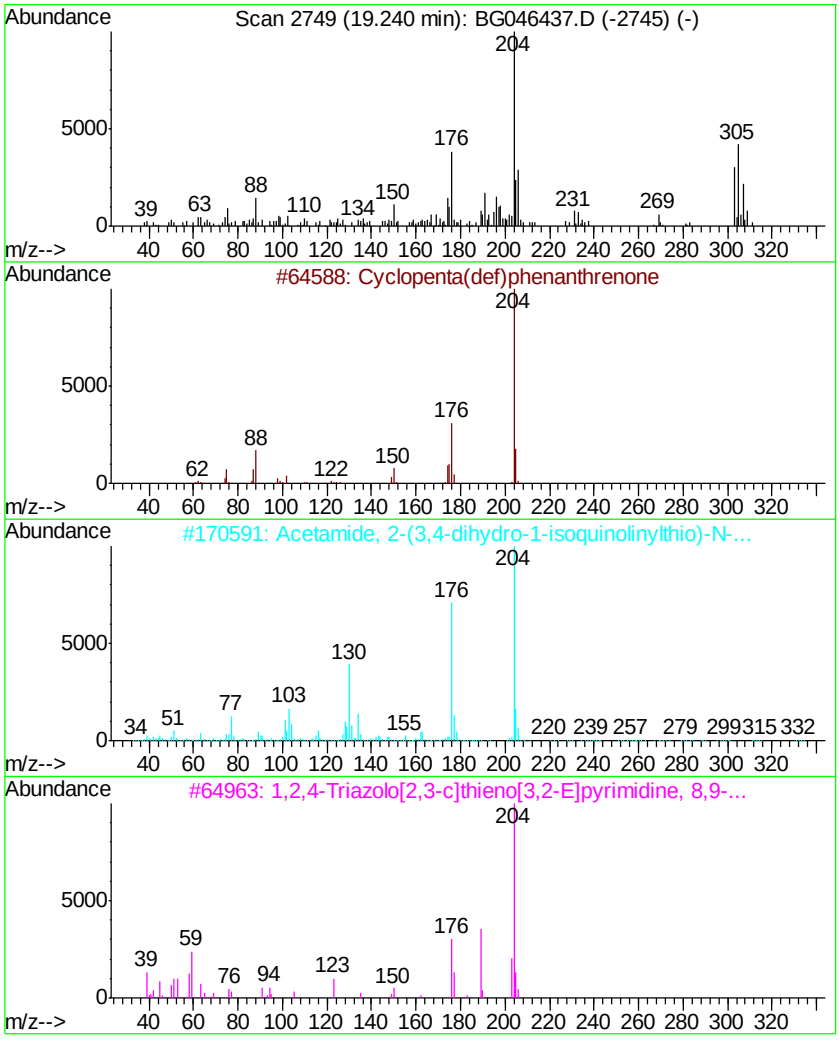
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

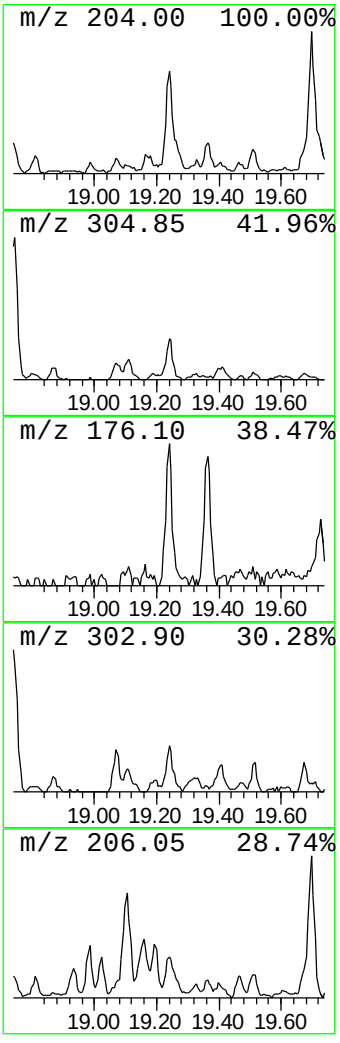
****

Peak Number 18 unknown-13 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	2.17 ng/ul	150909	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	45
2	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	43
3	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	38
4	.alpha.-L-Mannopyranose, 6-deoxy...	452	C18H44O5Si4	055057-21-1	35
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

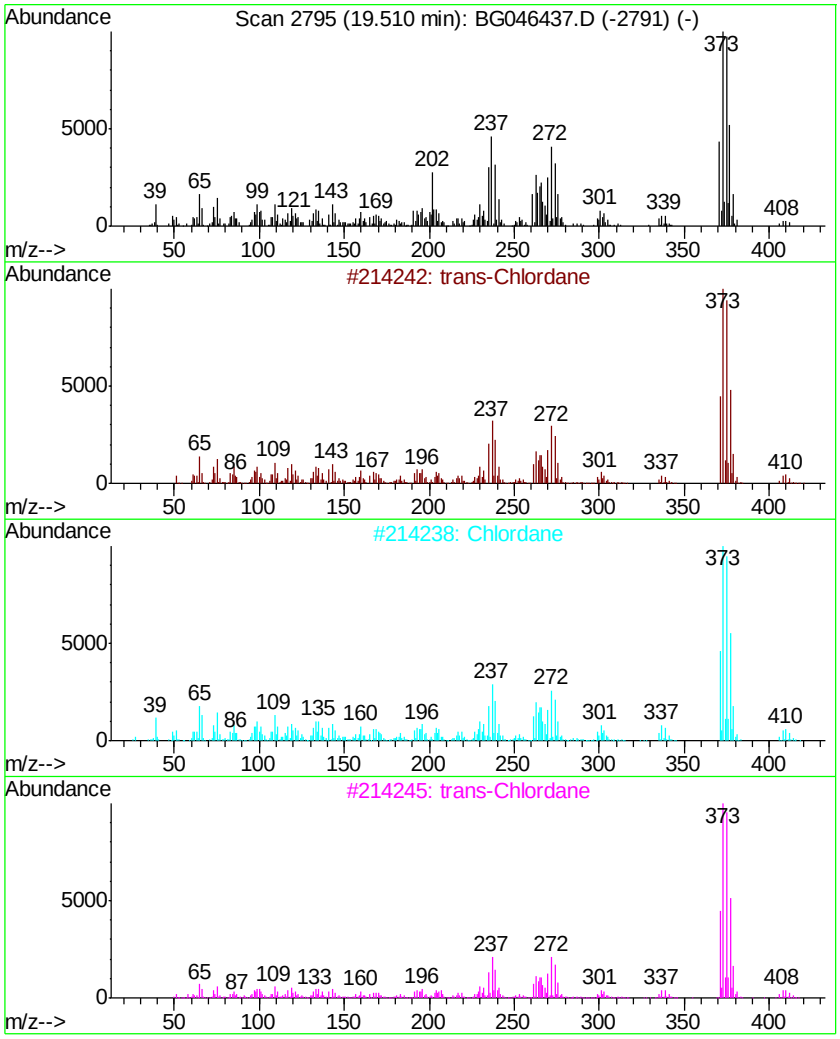
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

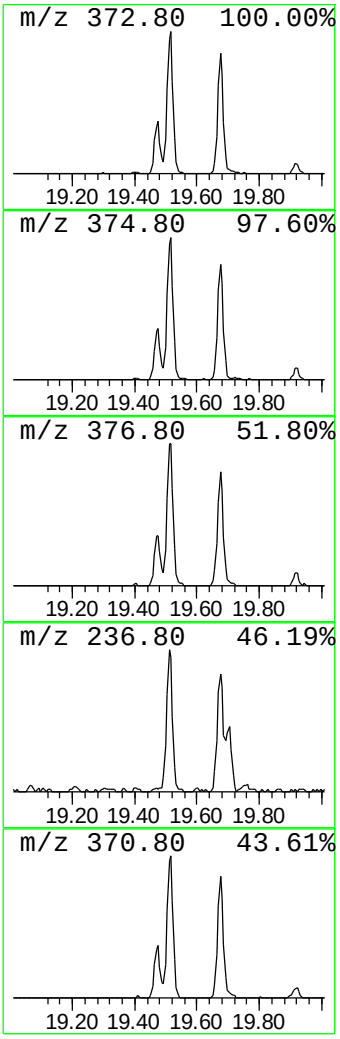
****

Peak Number 19 trans-Chlordane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	5.15 ng/ul	507153	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Chlordane	406	C10H6Cl8	005103-74-2	99
2	Chlordane	406	C10H6Cl8	000057-74-9	99
3	trans-Chlordane	406	C10H6Cl8	005103-74-2	99
4	trans-Chlordane	406	C10H6Cl8	005103-74-2	99
5	4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

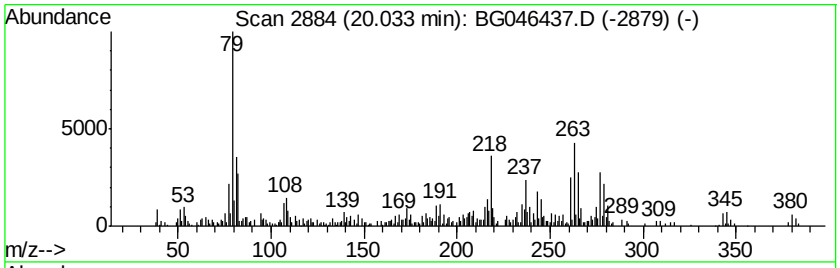
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

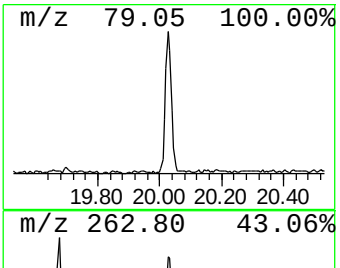
****

Peak Number 20 Dieldrin Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.63 ng/ul	259116	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	99
2	Dieldrin	378	C12H8Cl6O	000060-57-1	98
3	Dieldrin	378	C12H8Cl6O	000060-57-1	97
4	Dieldrin	378	C12H8Cl6O	000060-57-1	95
5	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

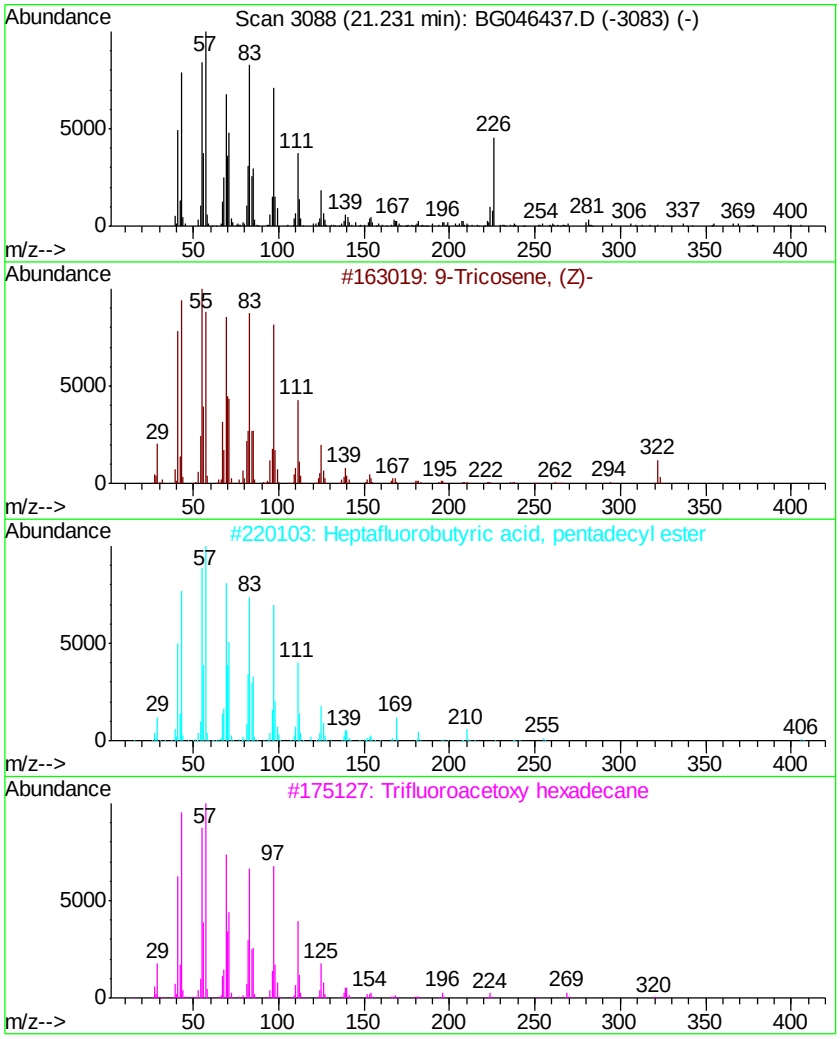
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

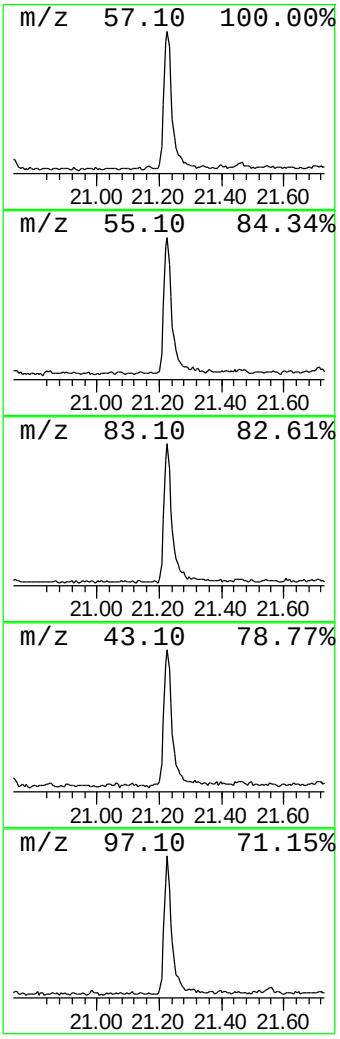
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	5.08 ng/ul	500261	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	2-Methyl-2-docosene	322	C23H46	1000131-16-9	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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

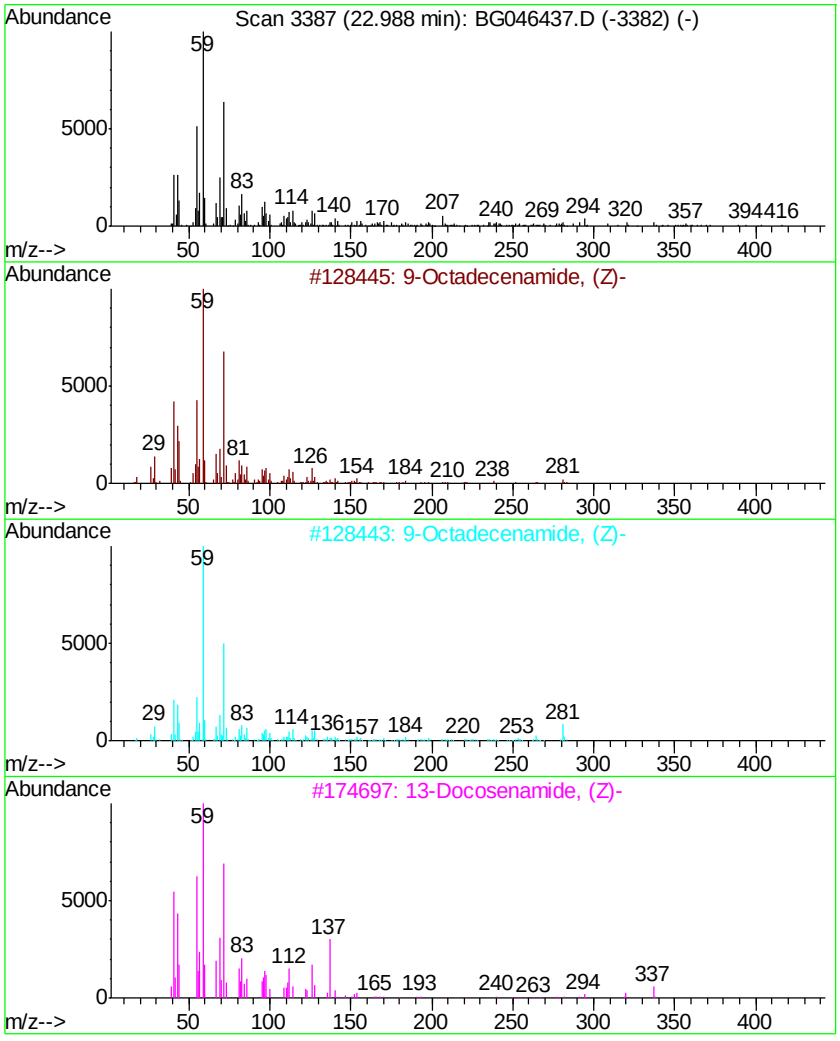
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

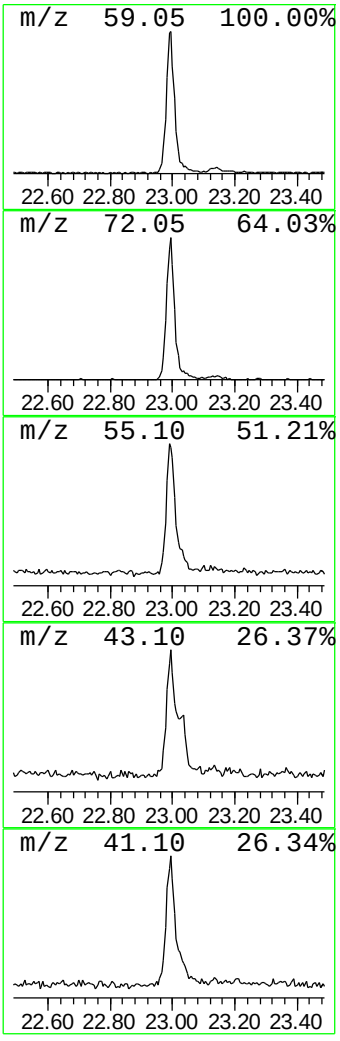
****

Peak Number 22 9-Octadecenamide, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	3.92 ng/ul	385839	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	81
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	76
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX9

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	96.1	ng/ul	2567590	1	7.94	534121	20.0
unknown-01	3.92	2.0	ng/ul	54188	1	7.94	534121	20.0
4H-Imidazol-4-one...	7.11	12.9	ng/ul	344299	1	7.94	534121	20.0
unknown-02	7.27	10.9	ng/ul	290090	1	7.94	534121	20.0
unknown-03	7.48	13.7	ng/ul	366041	1	7.94	534121	20.0
Silane, dichlorom...	8.65	10.5	ng/ul	279673	1	7.94	534121	20.0
unknown-04	9.09	14.0	ng/ul	373131	1	7.94	534121	20.0
unknown-05	9.82	7.5	ng/ul	311638	2	10.74	829418	20.0
unknown-06	10.87	8.7	ng/ul	358532	2	10.74	829418	20.0
unknown-07	13.98	12.9	ng/ul	763055	3	14.57	1178800	20.0
unknown-08	14.77	4.4	ng/ul	256952	3	14.57	1178800	20.0
unknown-09	15.68	3.4	ng/ul	202492	3	14.57	1178800	20.0
unknown-10	17.88	4.3	ng/ul	297962	4	17.31	1388280	20.0
Phenanthrene, 1-m...	18.19	3.0	ng/ul	209275	4	17.31	1388280	20.0
Chlordene, .gamma.-	18.59	3.9	ng/ul	268746	4	17.31	1388280	20.0
unknown-11	18.74	3.9	ng/ul	271980	4	17.31	1388280	20.0
unknown-12	19.07	4.5	ng/ul	310541	4	17.31	1388280	20.0
unknown-13	19.24	2.2	ng/ul	150909	4	17.31	1388280	20.0
trans-Chlordane	19.51	5.2	ng/ul	507153	5	21.56	1969600	20.0
Dieldrin	20.03	2.6	ng/ul	259116	5	21.56	1969600	20.0
(DEL) Alkane: Str...	21.23	5.1	ng/ul	500261	5	21.56	1969600	20.0
9-Octadecenamide,...	22.99	3.9	ng/ul	385839	5	21.56	1969600	20.0