LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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	3.150	4	10	32	rVB	1500182	2766884	100.00%	10.085%
2	3.402	50	53	61	rVB4	7681	14370	0.52%	0.052%
3	3.919	137	141	149	rVB2	11317	18238	0.66%	0.066%
4	4.055	159	164	170	rVB2	14633	25839	0.93%	0.094%
5	5.053	327	334	342	rBV	11957	21361	0.77%	0.078%
6	7.110	677	684	694	rBV	132134	241234	8.72%	0.879%
7	7.268	703	711	723	rBV	117055	199795	7.22%	0.728%
8	7.474	739	746	757	rBV	142213	253661	9.17%	0.925%
9	7.938	816	825	834	rBV	294700	507679	18.35%	1.850%
10	8.649	939	946	953	rBV	174300	294964	10.66%	1.075%
11	9.090	1014	1021	1033	rBV	133752	240681	8.70%	0.877%
12	9.818	1136	1145	1154	rBV	112302	202650	7.32%	0.739%
13	10.359	1230	1237	1248	rBV	170950	318294	11.50%	1.160%
14	10.735	1292	1301	1308	rBV	412639	727839	26.31%	2.653%
15	10.864	1315	1323	1338	rVV	119226	240749	8.70%	0.878%
16	13.890	1832	1838	1843	rVB2	9021	14032	0.51%	0.051%
17	13.972	1843	1852	1856	rBV	338371	506709	18.31%	1.847%
18	14.019	1856	1860	1866	rVB	69386	102038	3.69%	0.372%
19	14.260	1893	1901	1920	rBV	381626	617285	22.31%	2.250%
20	14.566	1944	1953	1960	rBV2	640540	998580	36.09%	3.640%
21	14.630	1960	1964	1970	rVB2	16281	26048	0.94%	0.095%
22	14.765	1980	1987	2000	rBV	84412	174148	6.29%	0.635%
23	14.965	2016	2021	2031	rVV2	14468	25335	0.92%	0.092%
24	15.359	2081	2088	2097	rBV8	4417	14265	0.52%	0.052%
25	15.559	2115	2122	2128	rBV	522742	776556	28.07%	2.831%
26	15.612	2128	2131	2137	rVV3	20737	31237	1.13%	0.114%
27	15.676	2137	2142	2150	rVV	128023	195216	7.06%	0.712%
28	15.911	2178	2182	2191	rVB	12001	20820	0.75%	0.076%
29	16.064	2201	2208	2214	rVV2	10670	22810	0.82%	0.083%
30	16.287	2241	2246	2253	rBV7	9690	16859	0.61%	0.061%
31	16.593	2290	2298	2300	rBV5	6533	13037	0.47%	0.048%
32	16.622	2300	2303	2308	rVV5	7885	13098	0.47%	0.048%
33	16.851	2332	2342	2345	rBV5	9603	20300	0.73%	0.074%
34	16.963	2356	2361	2370	rVB2	28759	47574	1.72%	0.173%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

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

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

35	17.045	2370	2375	2378	rBV3	10488	20632	0.75%	0.075%
36	17.127	2386	2389	2398	rVB	17369	27483	0.99%	0.100%
37	17.310	2412	2420	2424	rBV	802712	1220336	44.11%	4.448%
38	17.351	2424	2427	2432	rVB	363359	479675	17.34%	1.748%
39	17.409	2432	2437	2442	rBV	530964	775413	28.02%	2.826%
40	17.498	2448	2452	2459	rVB3	12955	23087	0.83%	0.084%
41	17.627	2470	2474	2477	rVB2	10007	13554	0.49%	0.049%
42	17.709	2480	2488	2492	rBV2	30281	57446	2.08%	0.209%
43	17.827	2502	2508	2513	rVV2	14445	22589	0.82%	0.082%
44	17.891	2515	2519	2523	rVV4	16119	20247	0.73%	0.074%
45	18.103	2551	2555	2559	rVB3	9474	12634	0.46%	0.046%
46	18.185	2564	2569	2574	rVV	72661	151174	5.46%	0.551%
47	18.232	2574	2577	2583	rVV	115184	166076	6.00%	0.605%
48	18.314	2586	2591	2596	rVV	24215	37655	1.36%	0.137%
49	18.379	2596	2602	2606	rVV3	93674	177711	6.42%	0.648%
50	18.414	2606	2608	2614	rVB	60229	80790	2.92%	0.294%
51	18.508	2616	2624	2625	rBV8	13793	25564	0.92%	0.093%
52	18.532	2626	2628	2632	rVB4	9884	12087	0.44%	0.044%
53	18.585	2632	2637	2640	rVB5	7330	12576	0.45%	0.046%
54	18.684	2649	2654	2657	rVV	64611	93722	3.39%	0.342%
55	18.720	2657	2660	2666	rVB2	76322	103319	3.73%	0.377%
56	18.808	2672	2675	2681	rVB5	10308	17207	0.62%	0.063%
57	18.931	2692	2696	2701	rVV2	33495	52063	1.88%	0.190%
58	18.984	2701	2705	2707	rVV	23340	33531	1.21%	0.122%
59	19.019	2707	2711	2715	rVB3	23384	31099	1.12%	0.113%
60	19.102	2720	2725	2729	rBV	64897	106445	3.85%	0.388%
61	19.166	2729	2736	2738	rBV3	21981	40442	1.46%	0.147%
62	19.237	2744	2748	2757	rVB	69919	116352	4.21%	0.424%
63	19.360	2761	2769	2775	rVB	800393	1073703	38.81%	3.914%
64	19.425	2776	2780	2783	rBV	22148	30403	1.10%	0.111%
65	19.460	2783	2786	2790	rVB4	25761	35968	1.30%	0.131%
66	19.513	2791	2795	2798	rBV	24403	30383	1.10%	0.111%
67	19.554	2798	2802	2807	rBV4	30375	55617	2.01%	0.203%
68	19.601	2807	2810	2813	rBV	15794	17259	0.62%	0.063%
69	19.695	2820	2826	2828	rBV2	822437	1179987	42.65%	4.301%
70	19.724	2828	2831	2838	rVV	700362	958522	34.64%	3.494%
71	19.795	2839	2843	2850	rVB2	40948	72089	2.61%	0.263%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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	19.901	2855	2861	2867	rBV	45820	90159	3.26%	0.329%
73	19.959	2867	2871	2878	rVB2	39653	65483	2.37%	0.239%
74	20.048	2880	2886	2892	rBV5	67894	180625	6.53%	0.658%
75	20.183	2905	2909	2911	rBV4	43183	69789	2.52%	0.254%
76	20.212	2911	2914	2918	rVB	93822	124499	4.50%	0.454%
77	20.312	2927	2931	2935	rBV	44597	67826	2.45%	0.247%
78	20.371	2935	2941	2946	rVV2	92347	180332	6.52%	0.657%
79	20.412	2946	2948	2951	rVB3	22345	24551	0.89%	0.089%
80	20.512	2961	2965	2969	rBV	57753	81502	2.95%	0.297%
81	20.559	2969	2973	2977	rVV2	55301	79722	2.88%	0.291%
82	20.964	3038	3042	3050	rVB	108267	169966	6.14%	0.620%
83	21.146	3067	3073	3077	rBV2	67759	146396	5.29%	0.534%
84	21.187	3077	3080	3082	rVV	75499	96641	3.49%	0.352%
85	21.223	3082	3086	3093	rVV4	240730	457932	16.55%	1.669%
86	21.293	3094	3098	3107	rVB	102666	192331	6.95%	0.701%
87	21.458	3123	3126	3130	rVB	106796	128035	4.63%	0.467%
88	21.558	3135	3143	3148	rVV2	1025593	2186171	79.01%	7.969%
89	21.599	3148	3150	3161	rVB	356436	556715	20.12%	2.029%
90	21.763	3173	3178	3182	rBV3	48941	88157	3.19%	0.321%
91	21.957	3206	3211	3217	rBV3	41542	97281	3.52%	0.355%
92	22.351	3273	3278	3288	rVB5	75126	214511	7.75%	0.782%
93	23.684	3497	3505	3512	rBV3	262598	827817	29.92%	3.017%
94	23.802	3521	3525	3530	rBV	82830	144213	5.21%	0.526%
95	23.861	3531	3535	3542	rVB4	87893	163717	5.92%	0.597%
96	24.384	3617	3624	3629	rBV	122316	313565	11.33%	1.143%
97	24.454	3629	3636	3642	rVV	371995	943513	34.10%	3.439%
98	24.519	3643	3647	3659	rVB	204295	489306	17.68%	1.784%
99	24.666	3663	3672	3692	rBV	547715	1738919	62.85%	6.338%
100	25.805	3859	3866	3875	rVB2	160778	420443	15.20%	1.532%

Sum of corrected areas: 27435142

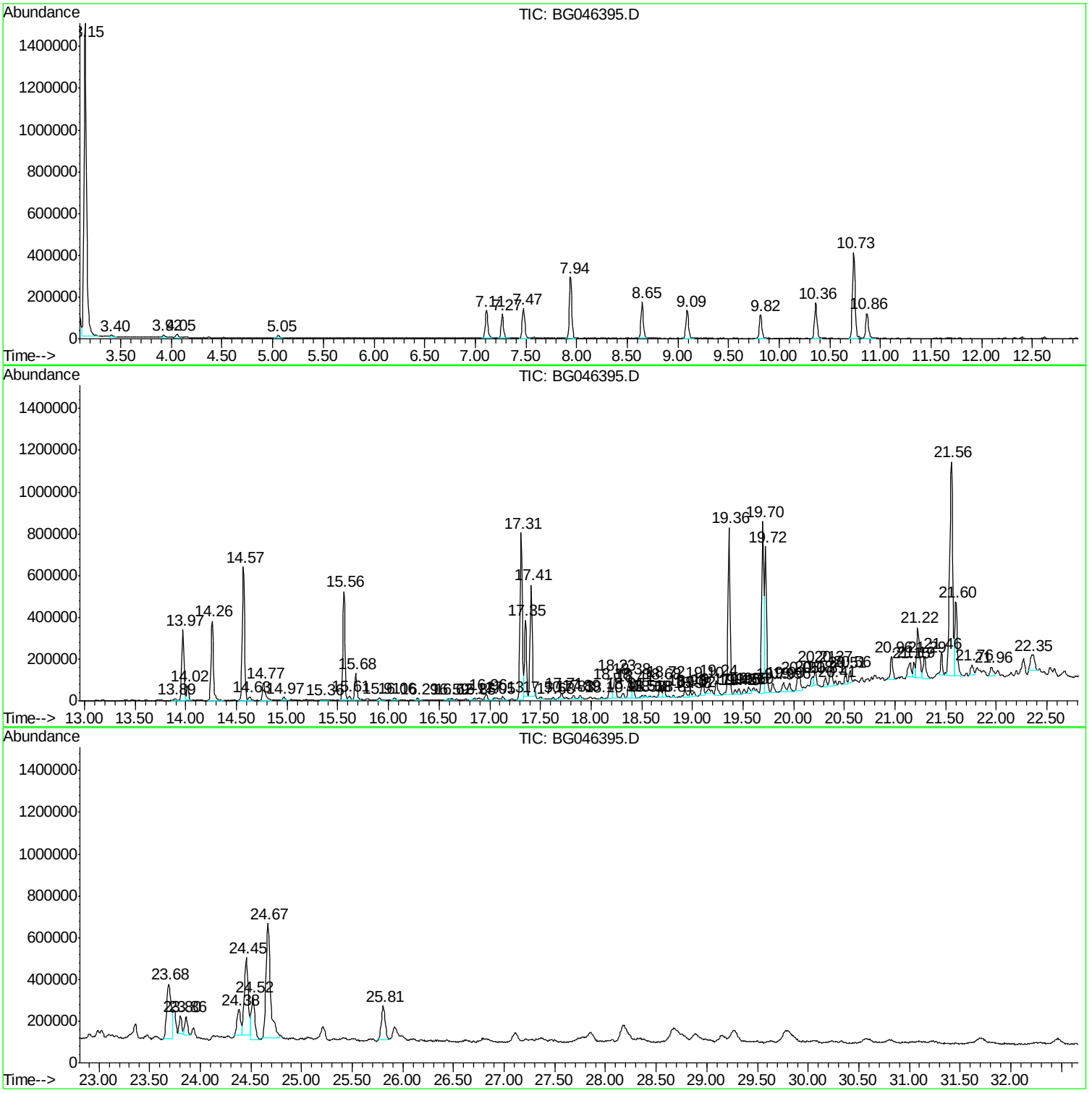
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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 : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

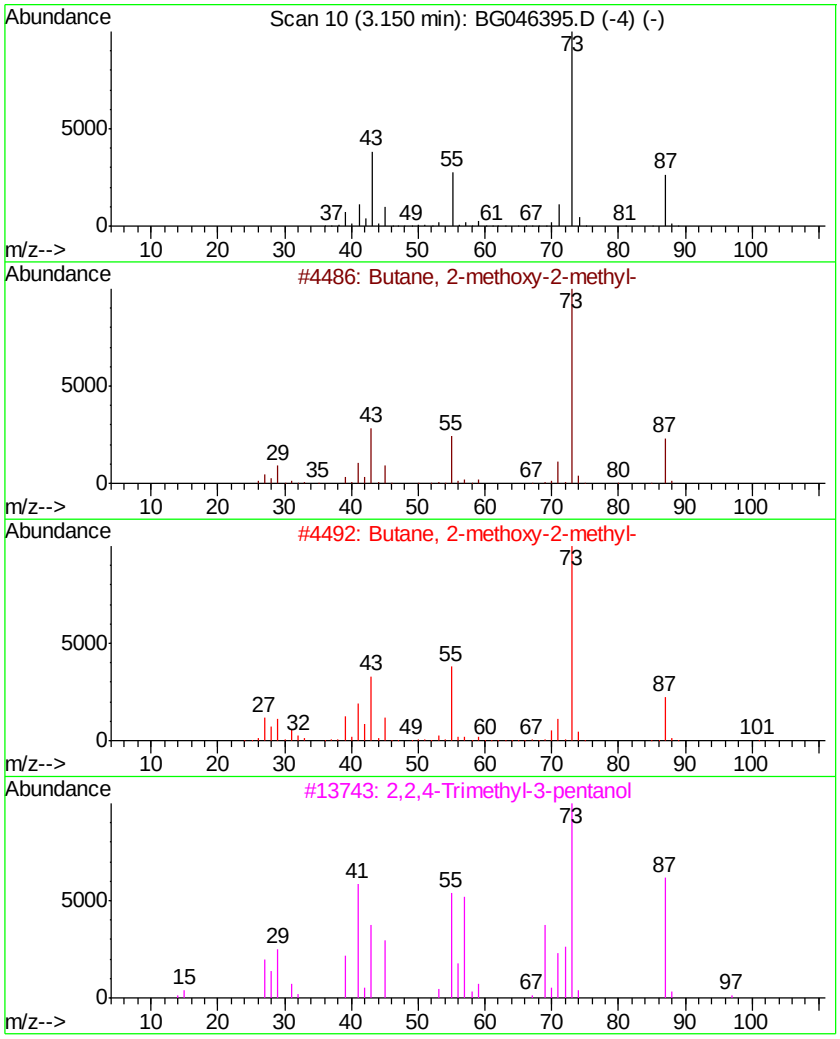
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

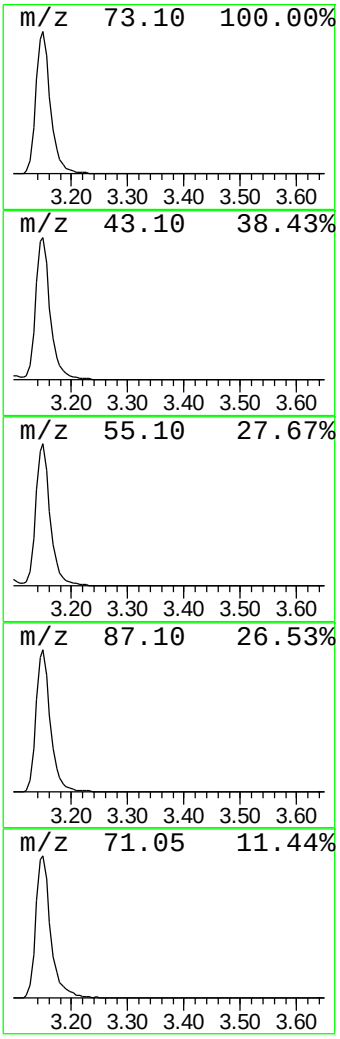
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	109.00 ng/ul	2766880	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

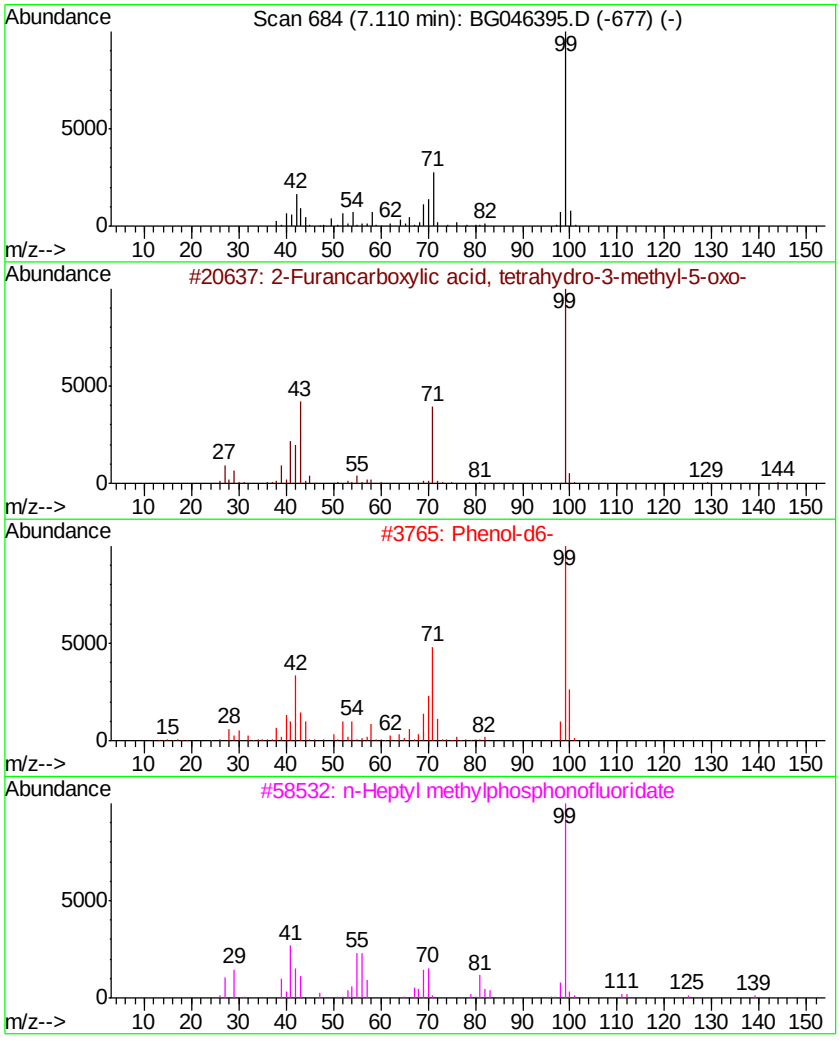
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

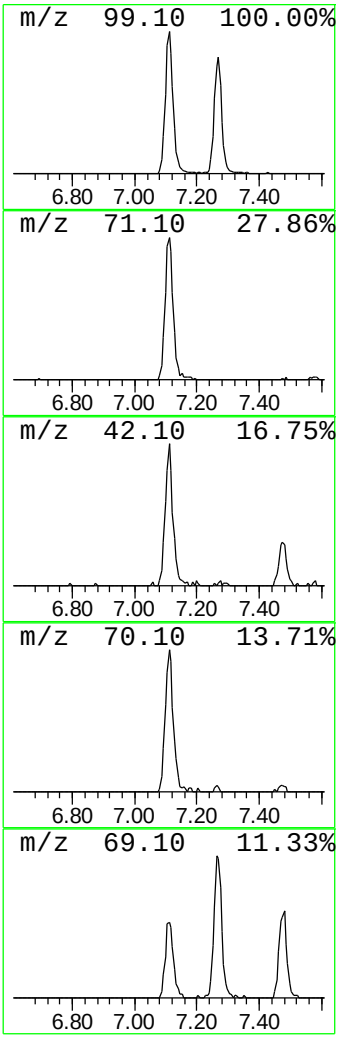
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Furancarboxylic acid, tet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	9.50 ng/ul	241234	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	59
2	Phenol-d6-	100	C6D6O	013127-88-3	40
3	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	38
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	38
5	Piperazine, 1-(4-acetylphenylsul...	282	C13H18N2O3S	309271-25-8	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

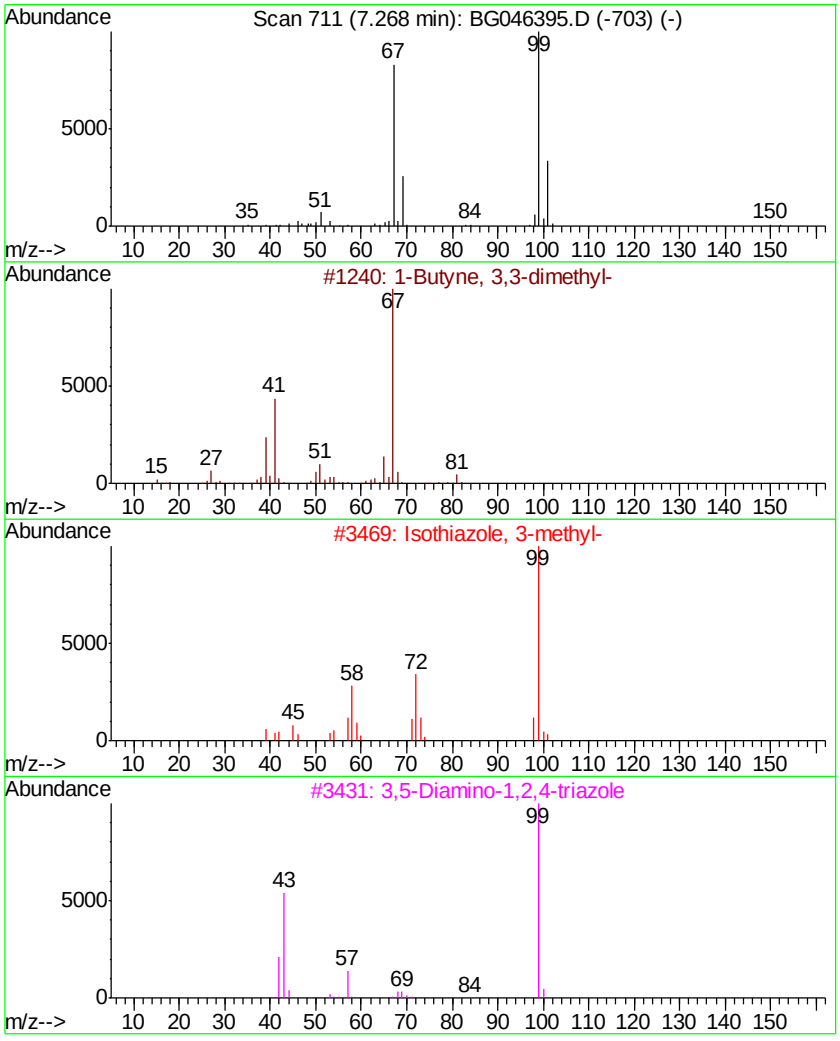
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

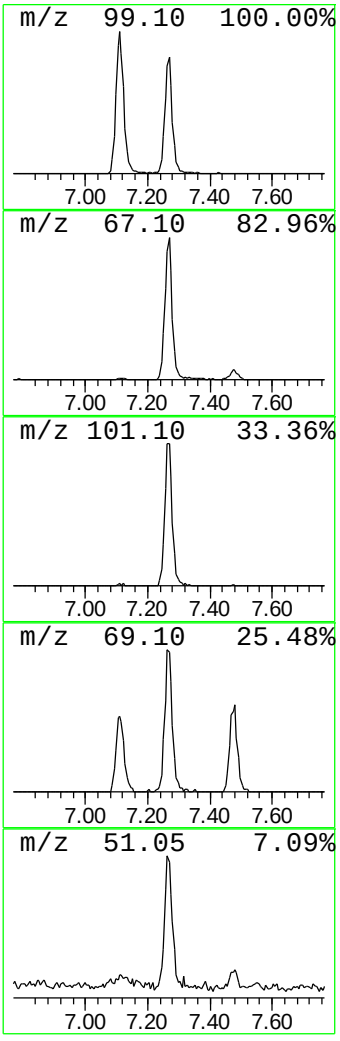
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	7.87 ng/ul	199795	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
2	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	7
3	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7
4	Succinimide	99	C4H5NO2	000123-56-8	5
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	5





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

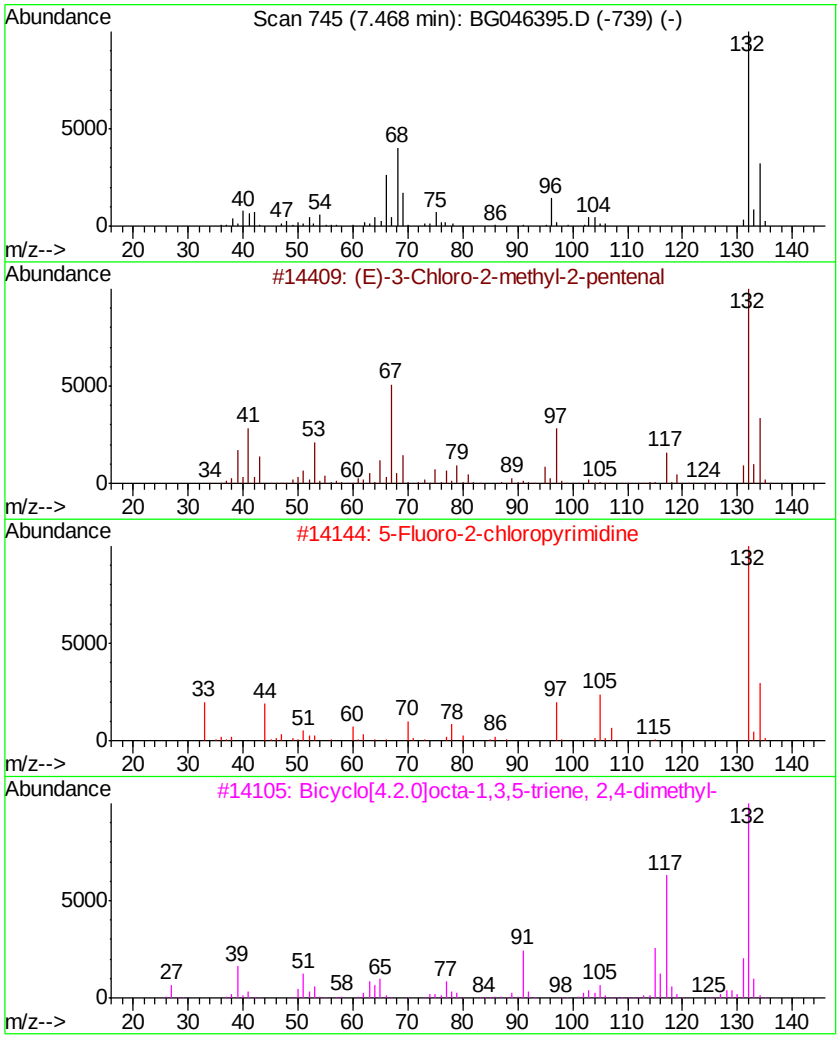
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

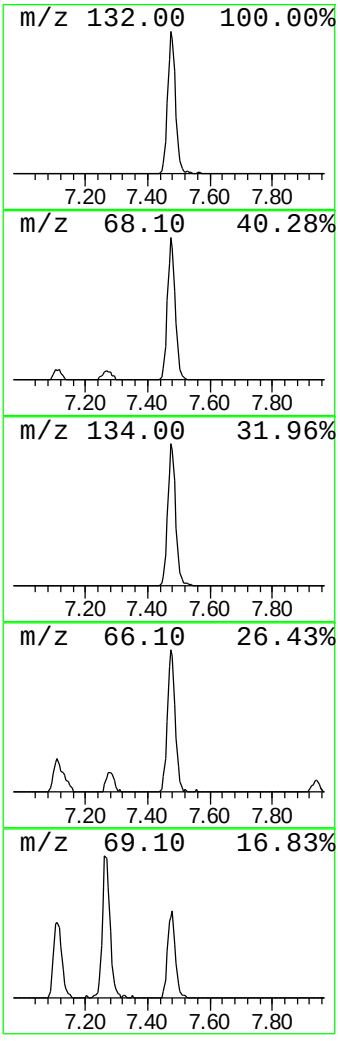
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	9.99 ng/ul	253661	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

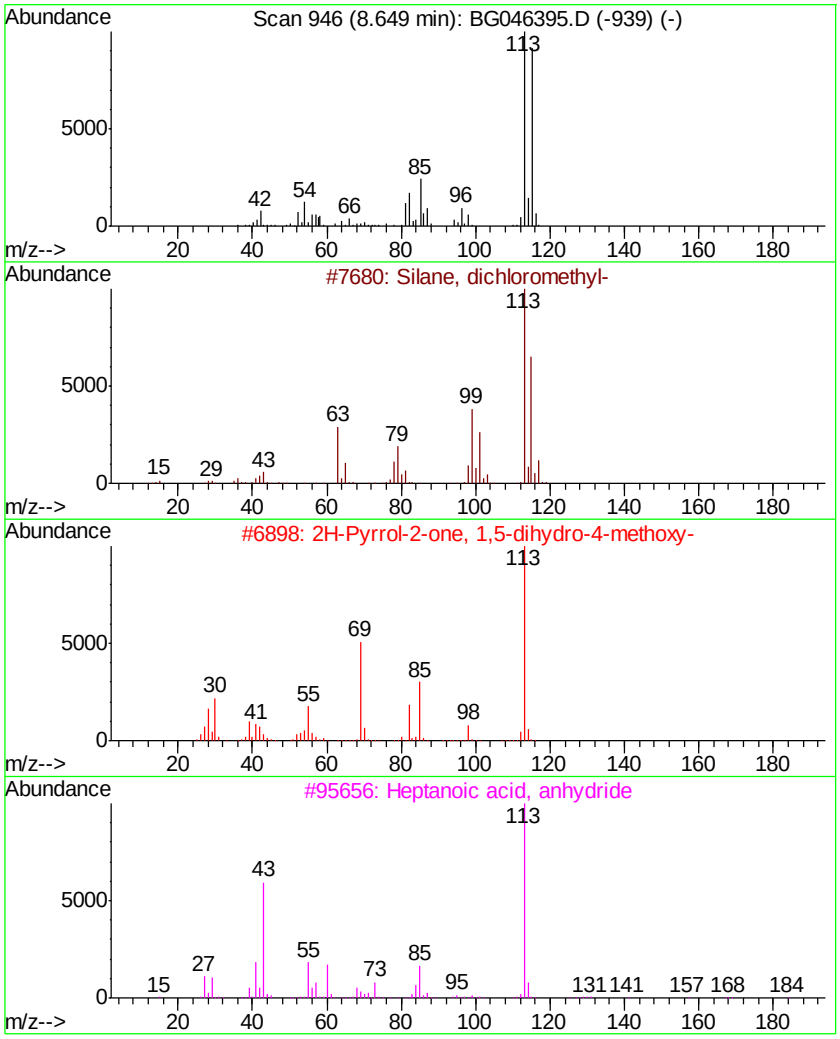
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

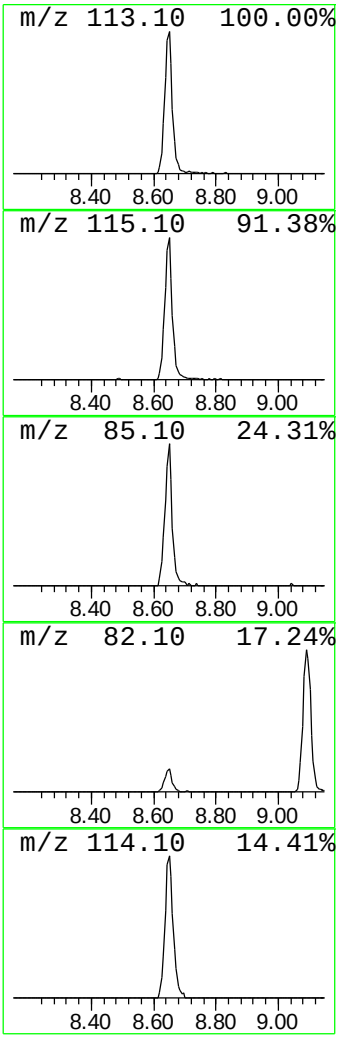
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	11.62 ng/ul	294964	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
4	2-Pyrrolidinethione, 1-methyl-	115	C5H9NS	010441-57-3	27
5	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

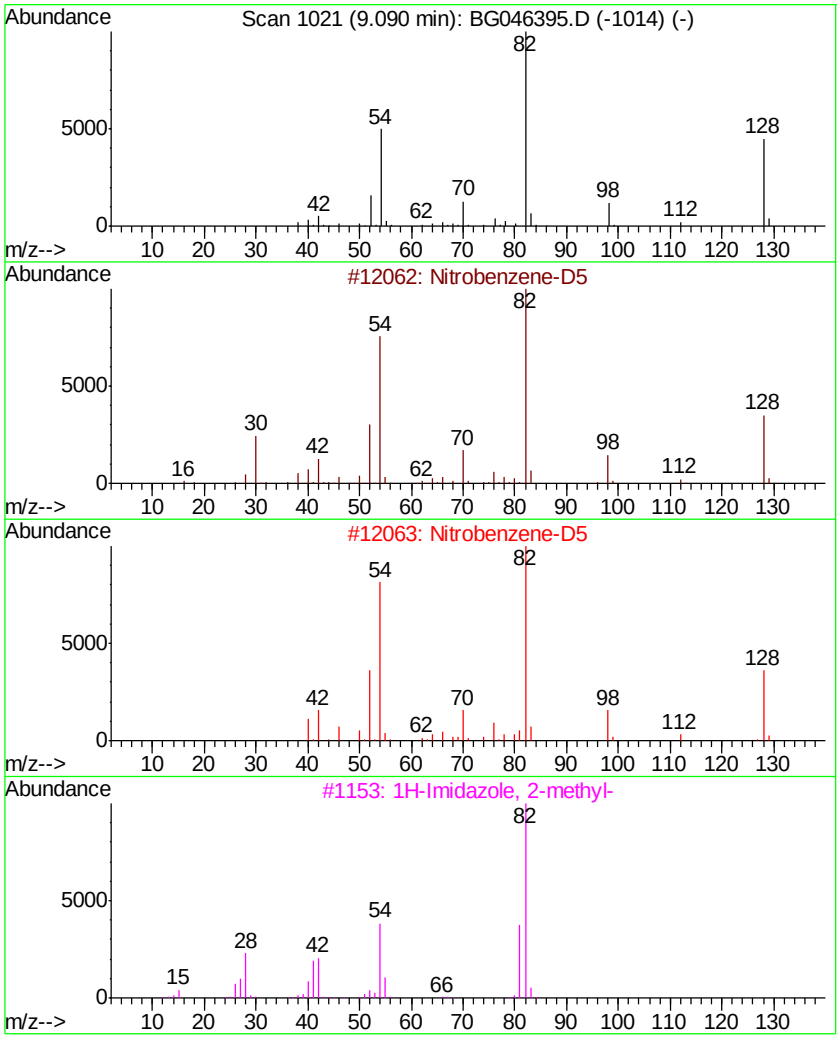
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

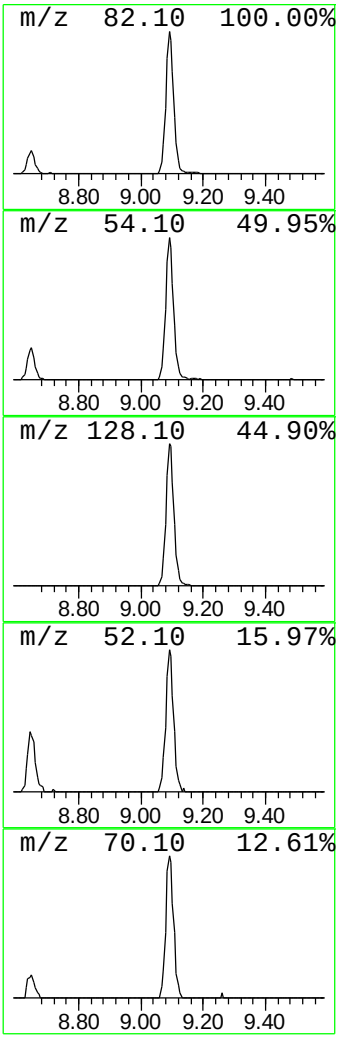
****

Peak Number 6 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	9.48 ng/ul	240681	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	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	40
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
4	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	28
5	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

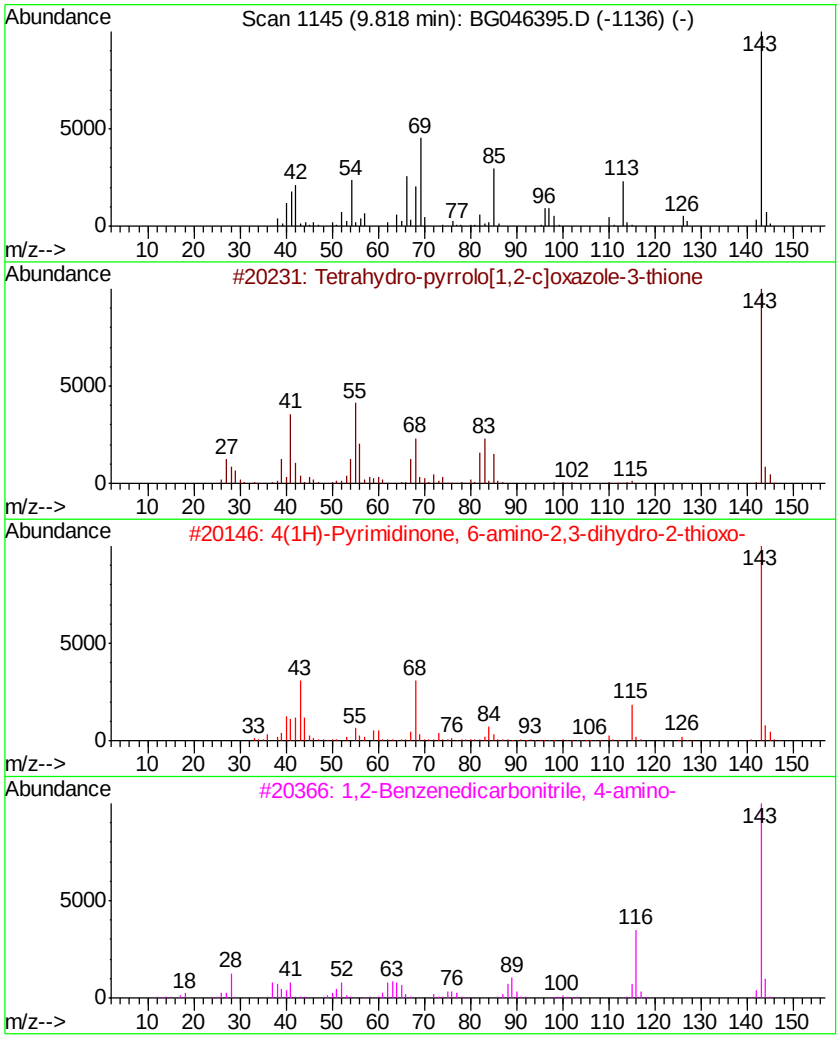
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

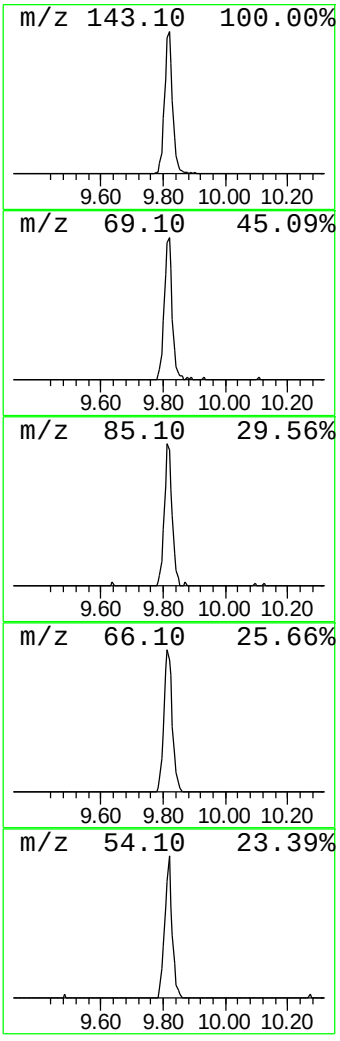
****

Peak Number 7 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	5.57 ng/ul	202650	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
2	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	16
3	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	14
5	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

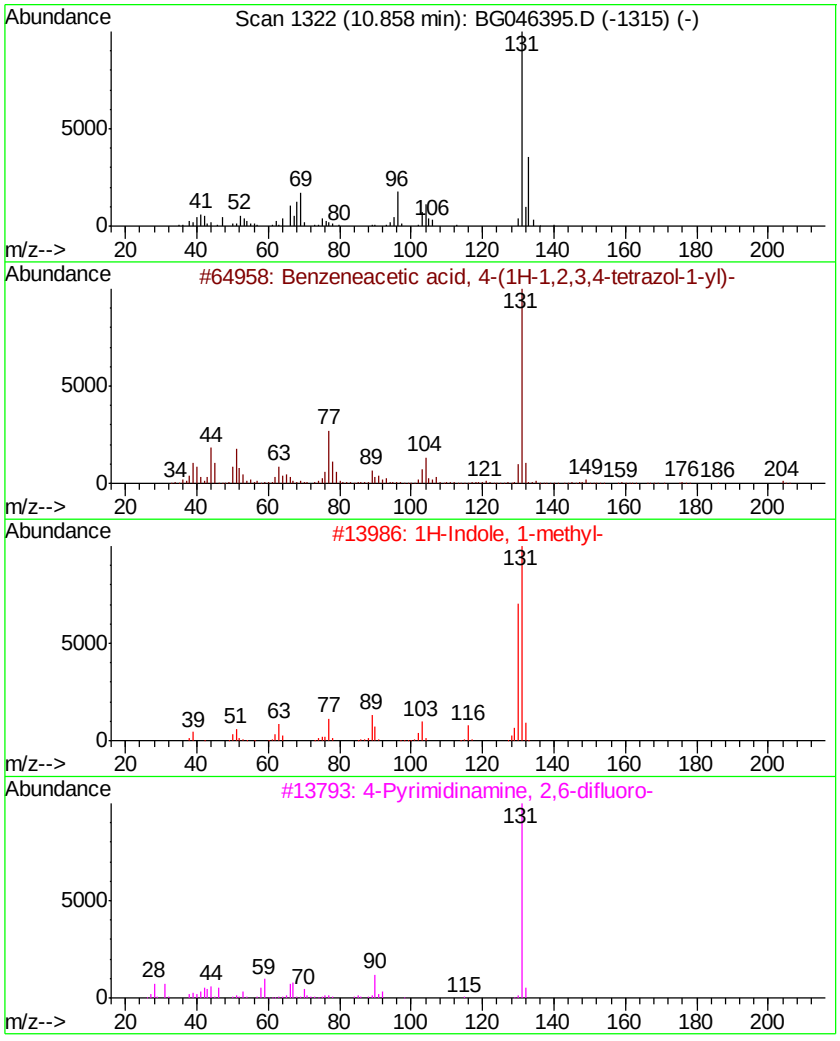
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

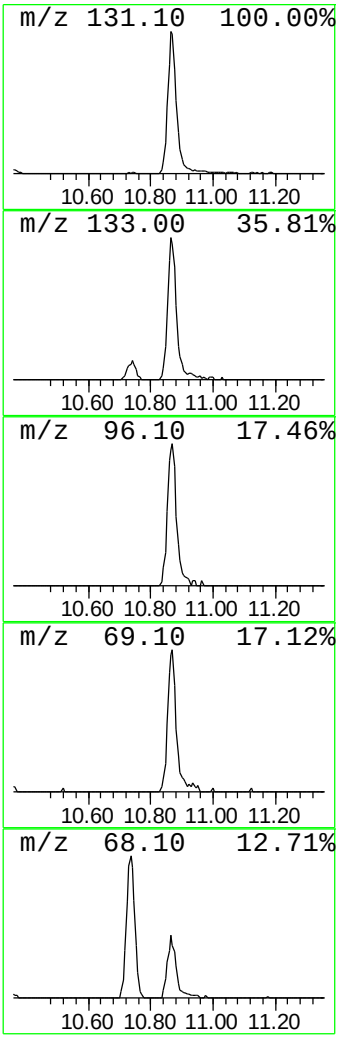
****

Peak Number 8 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	6.62 ng/ul	240749	Naphthalene-d8	10.73

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	9
3	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
4	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	9
5	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

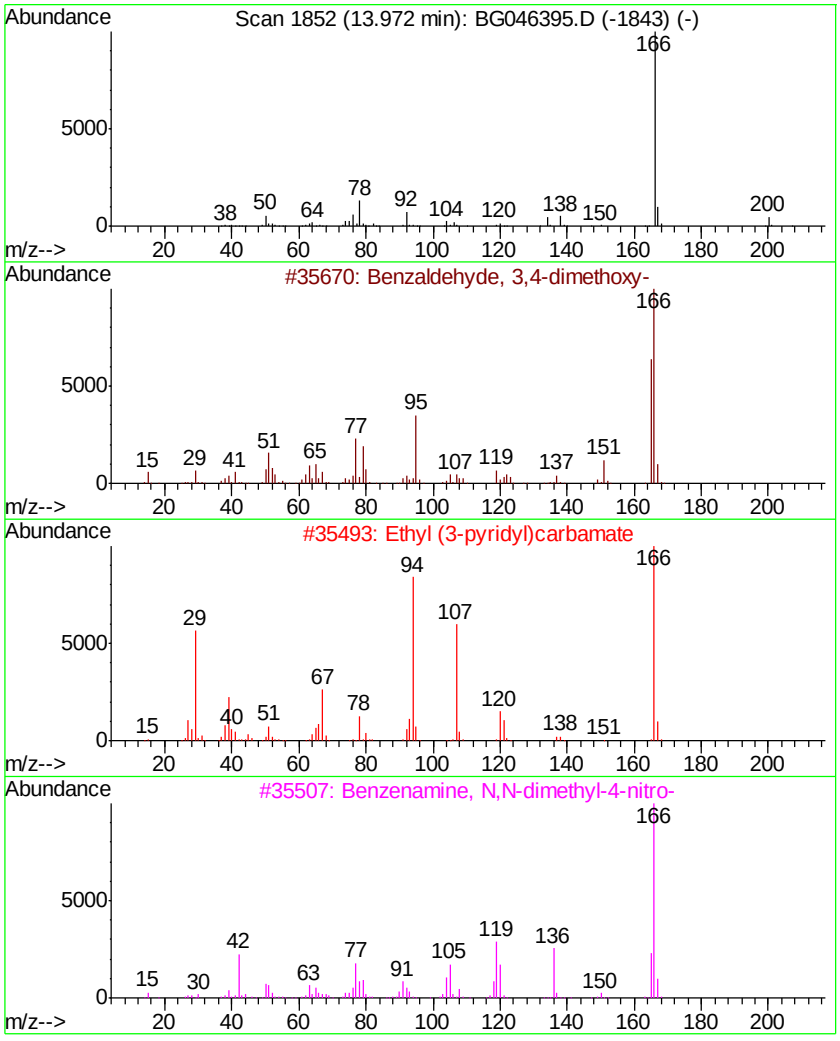
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

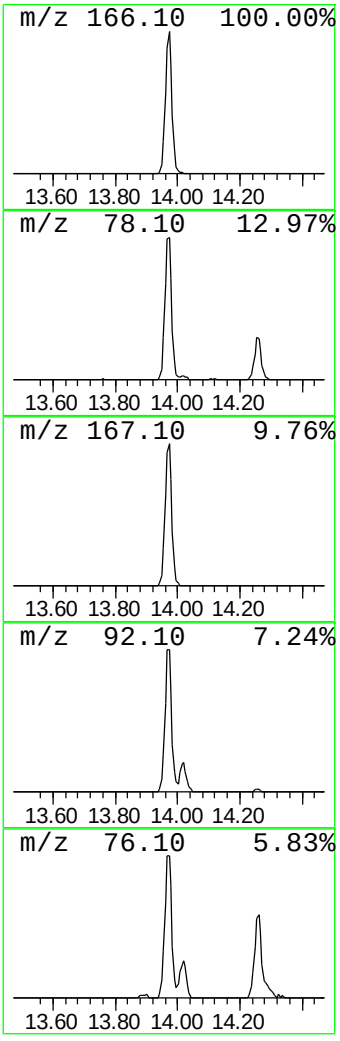
****

Peak Number 9 unknown-07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	10.15 ng/ul	506709	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	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
4	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
5	Benzo[b]tetrahydrofuran-3-one, 5...	166	C8H6O4	014771-00-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

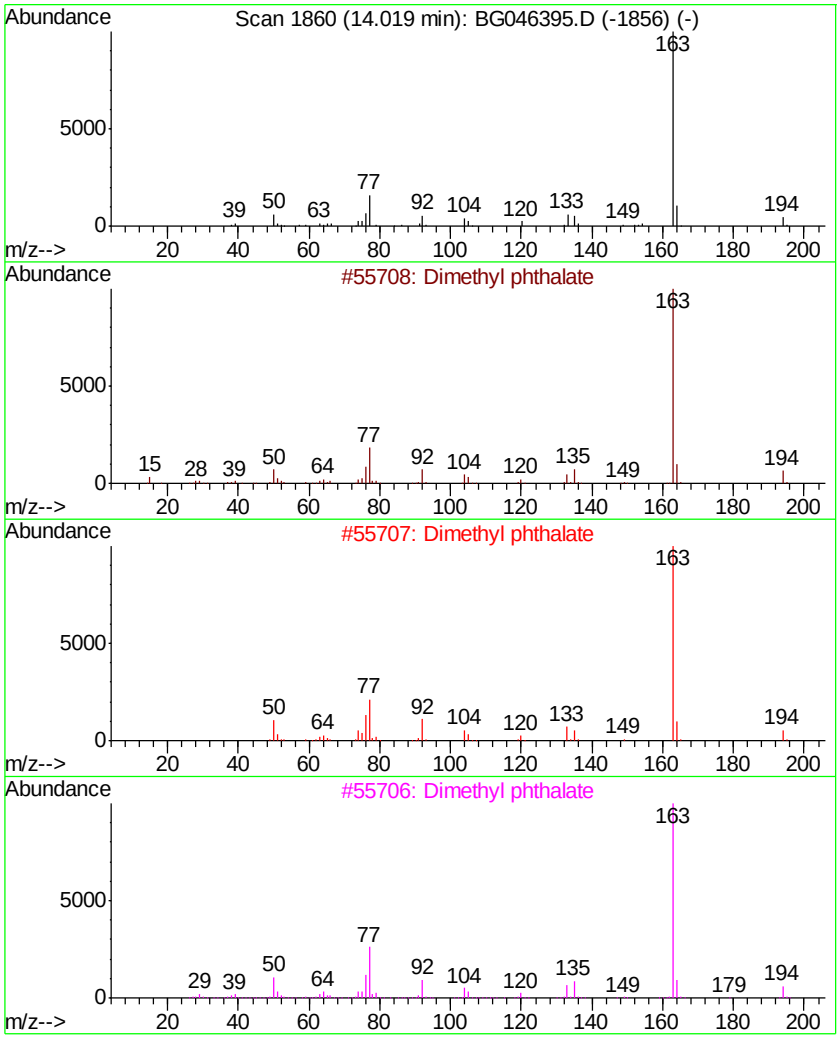
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

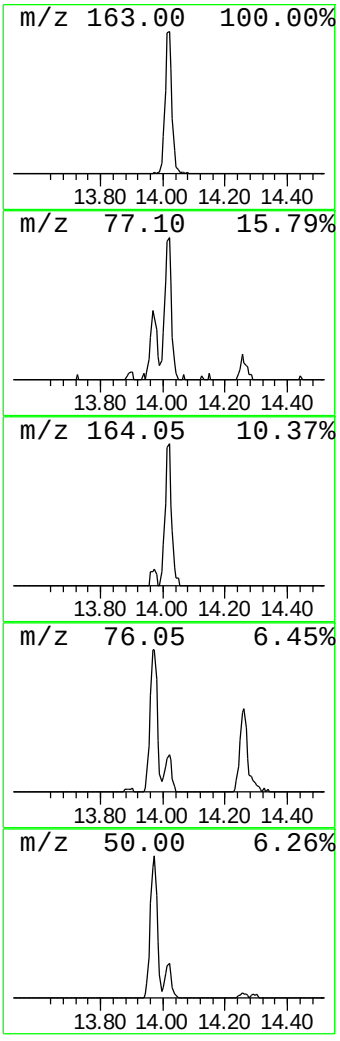
****

Peak Number 10 Dimethyl phthalate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.04 ng/ul	102038	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	94
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
4	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
5	Phthalic acid, methyl neopentyl ...	250	C14H18O4	1000315-53-9	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

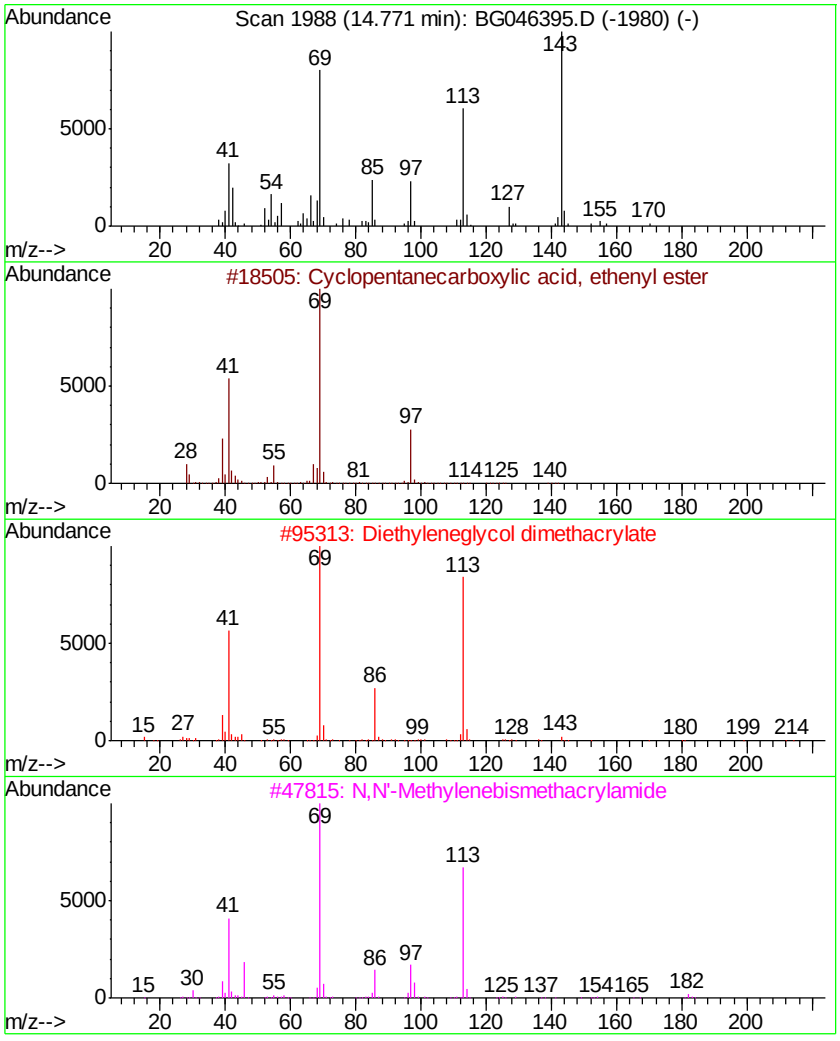
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

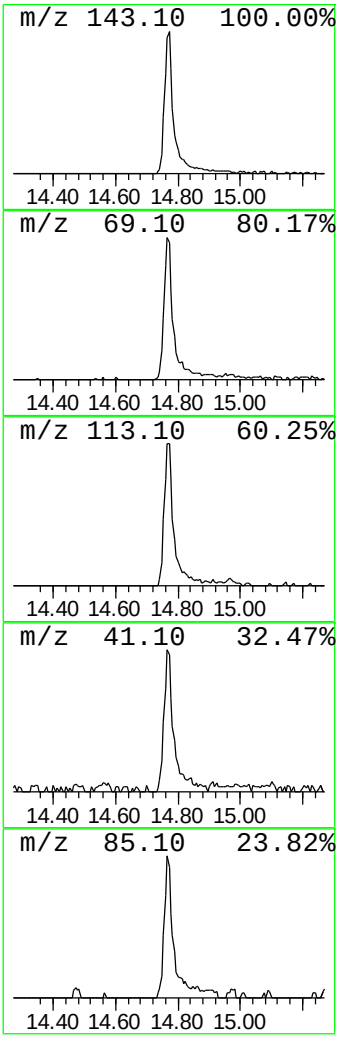
****

Peak Number 11 unknown-08 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.49 ng/ul	174148	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	14
2	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	12
3	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	12
4	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	10
5	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

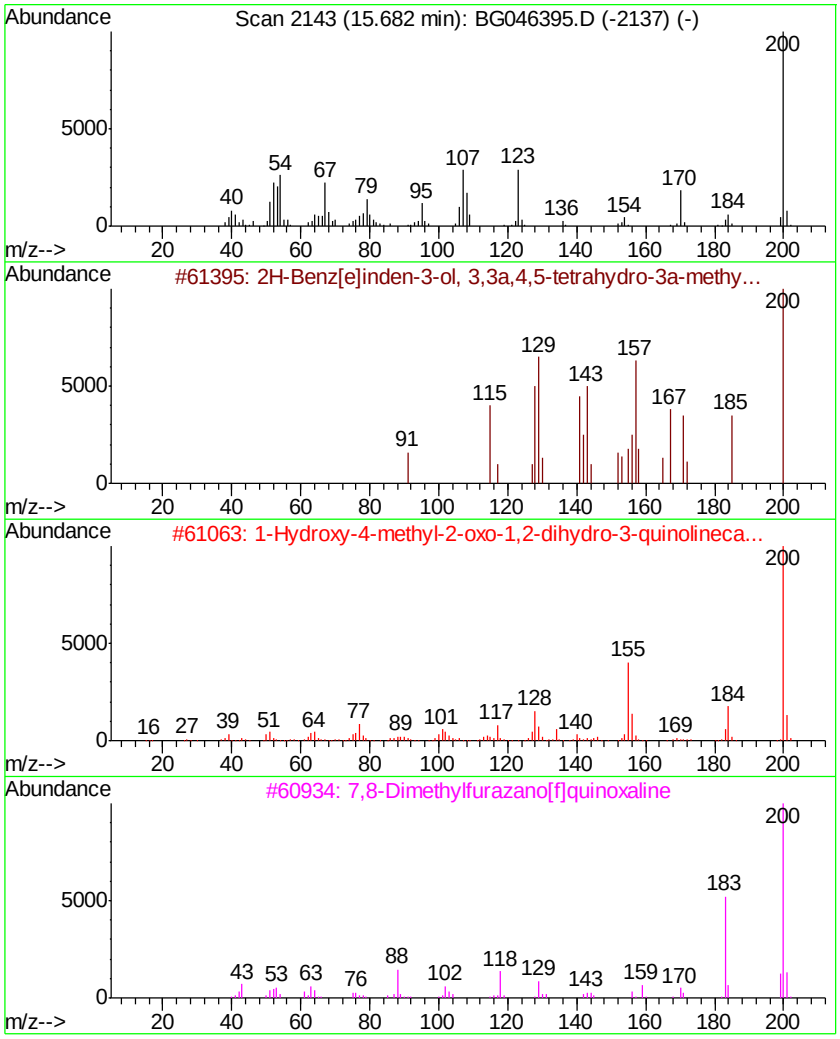
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

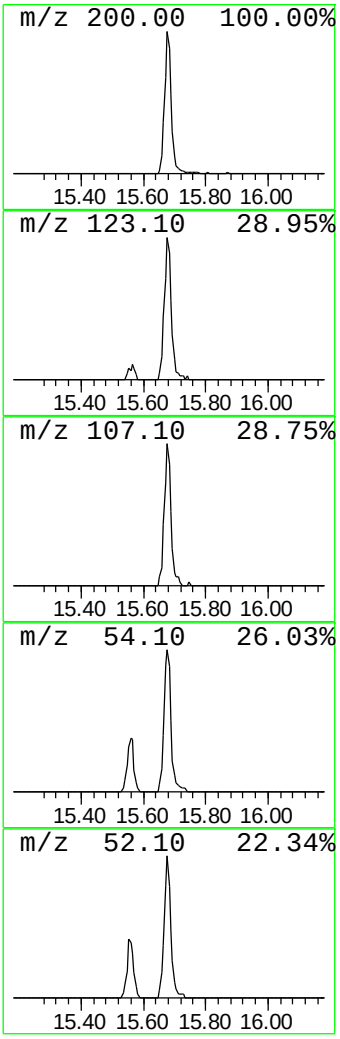
****

Peak Number 12 unknown-09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.91 ng/ul	195216	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	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	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	22
5	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

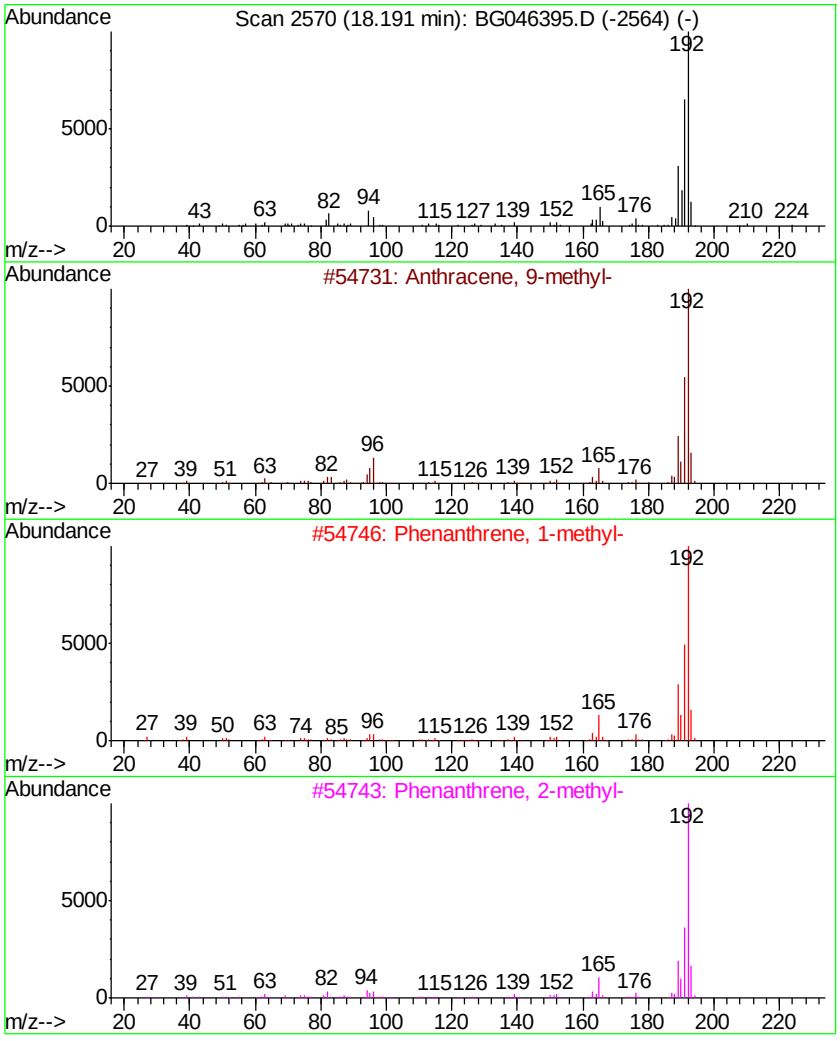
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

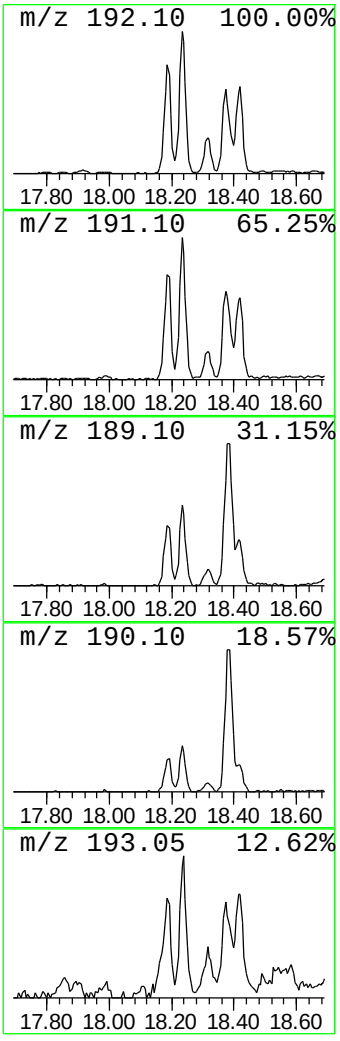
****

Peak Number 13 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.48 ng/ul	151174	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

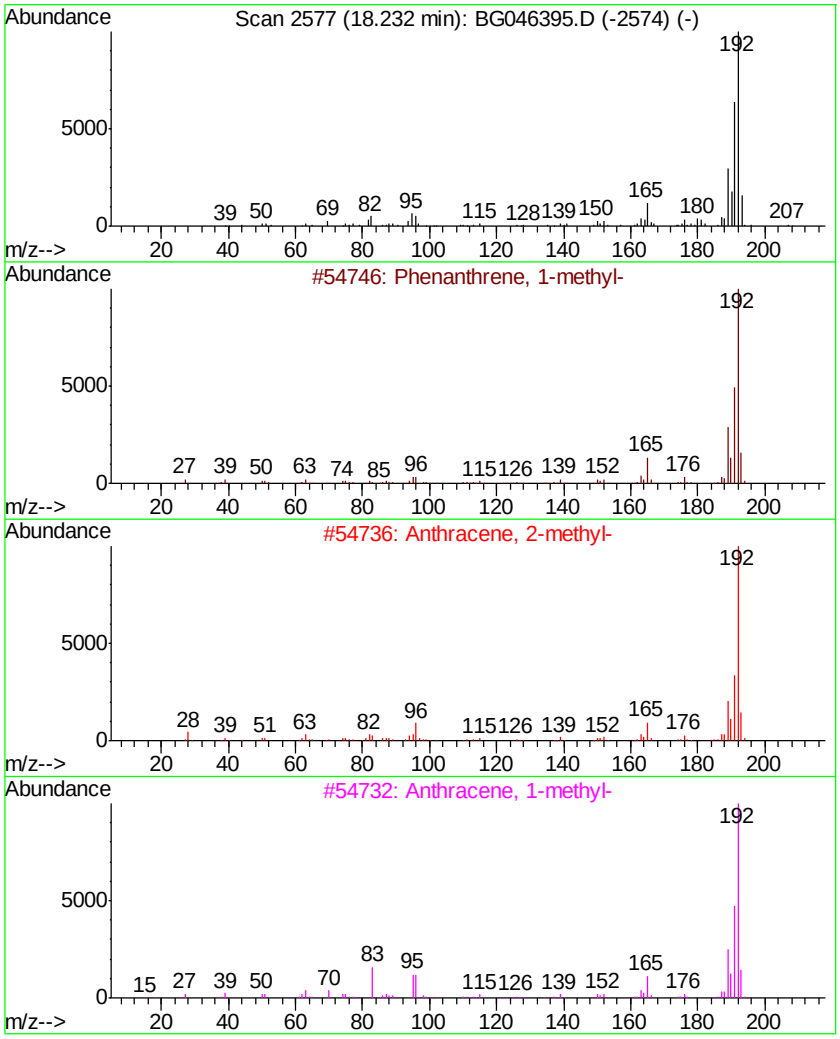
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

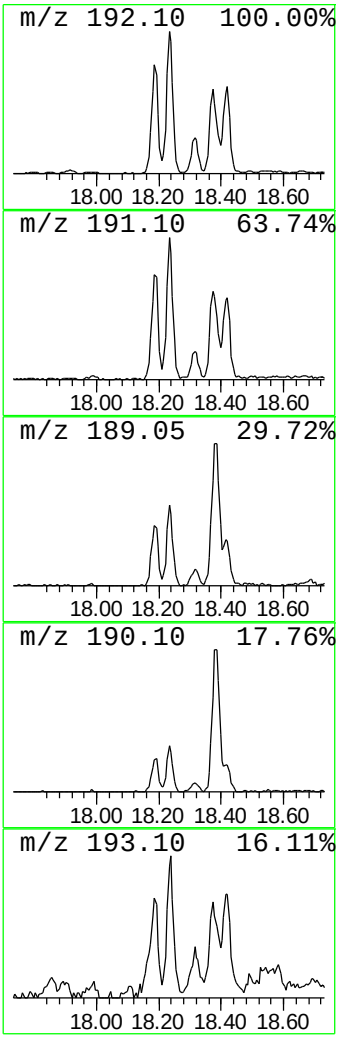
****

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.72 ng/ul	166076	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

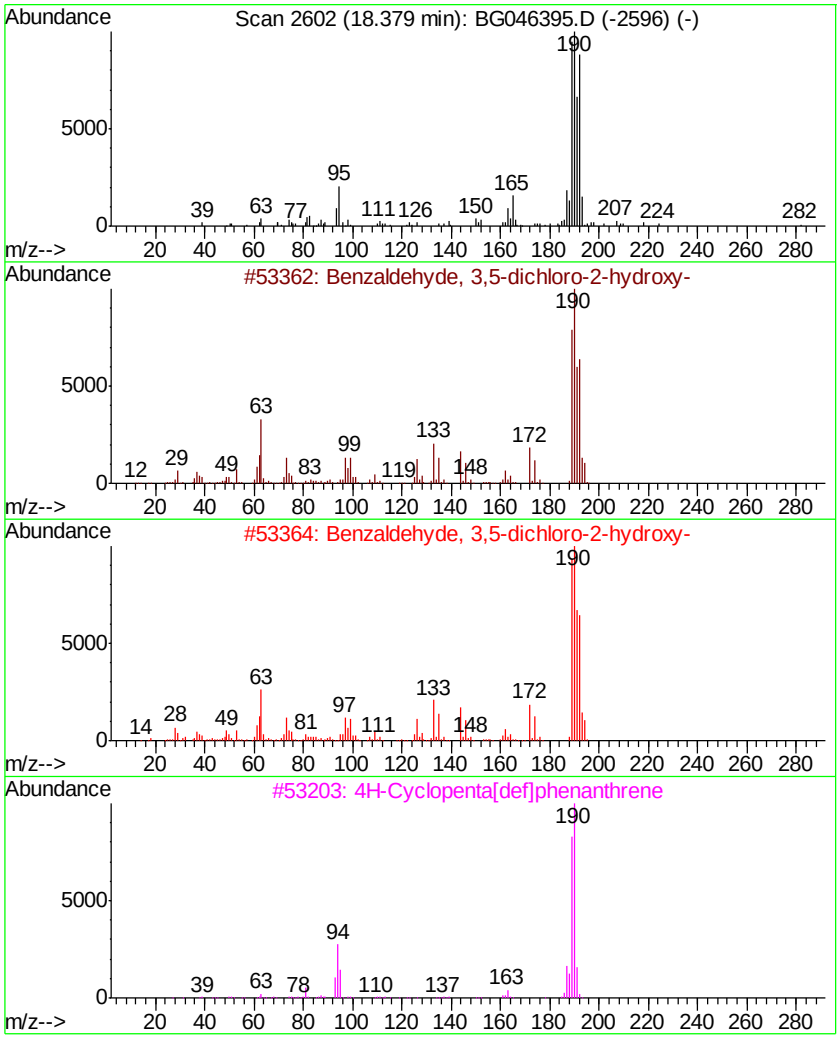
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

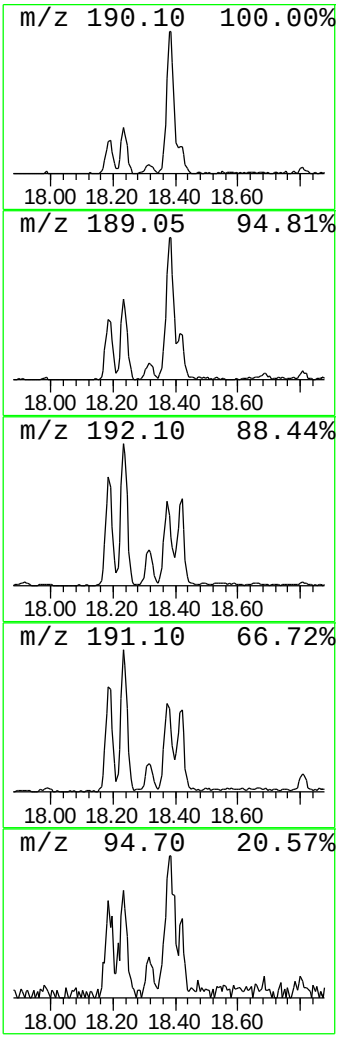
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.91 ng/ul	177711	Phenanthrene-d10	17.31

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

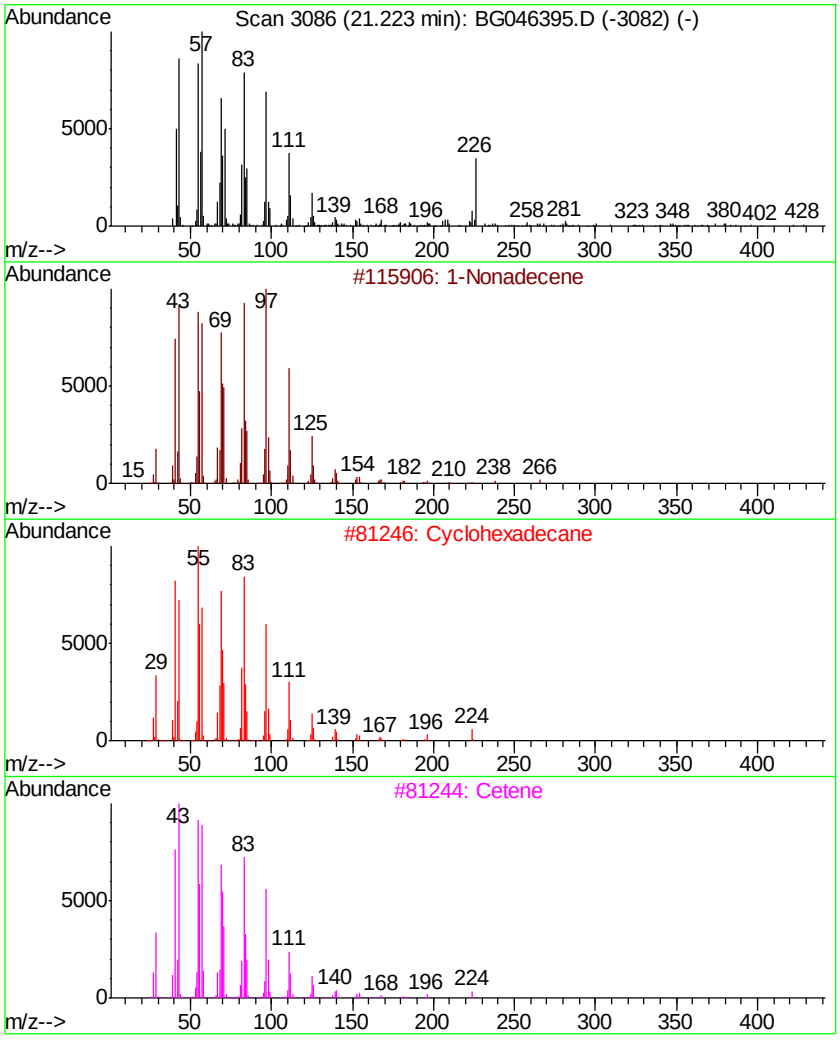
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

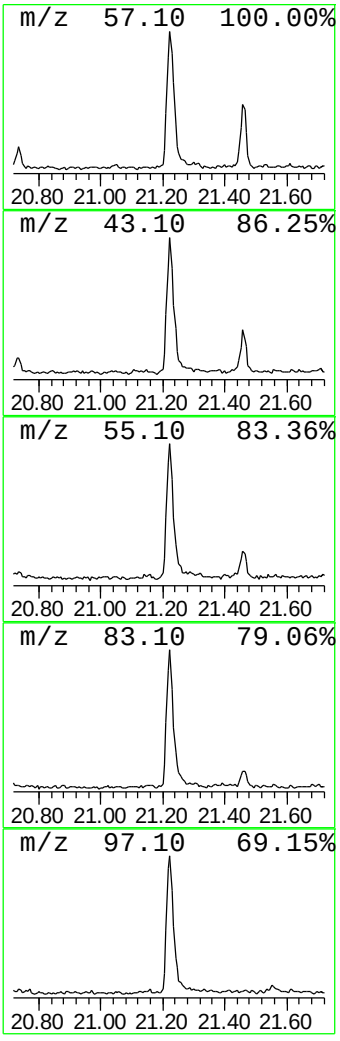
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	4.19 ng/ul	457932	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	Cetene	224	C16H32	000629-73-2	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	89
5	1-Tricosene	322	C23H46	018835-32-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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

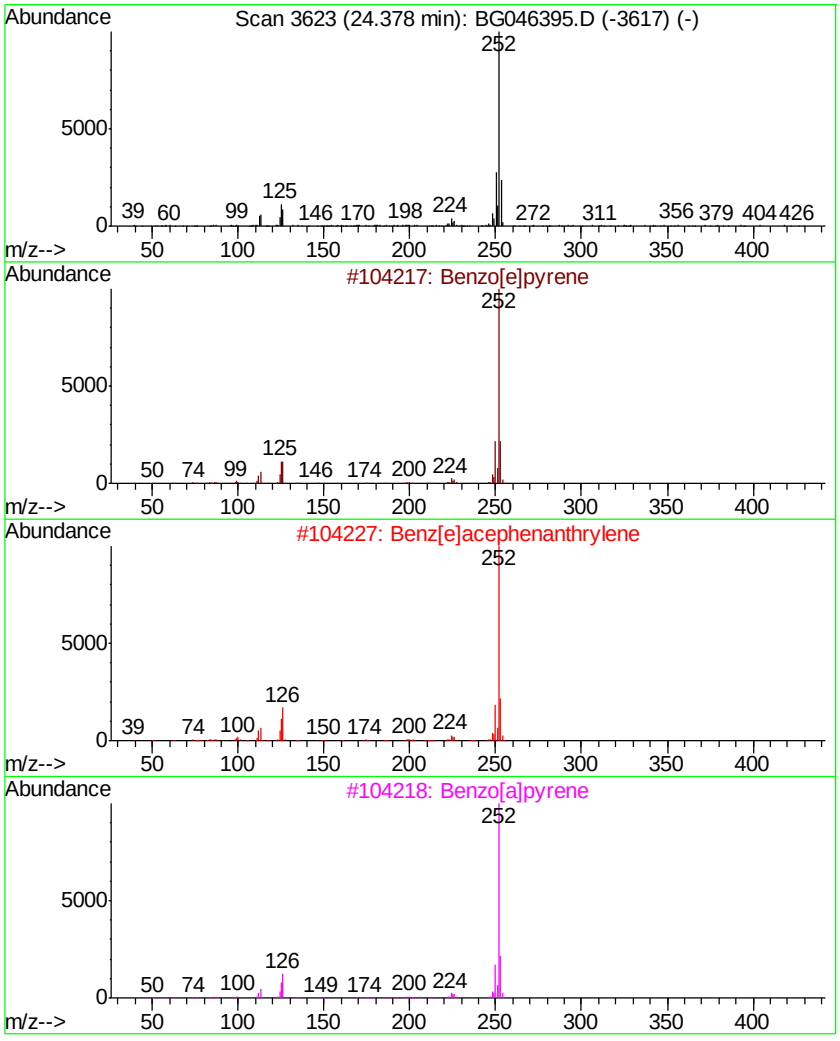
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

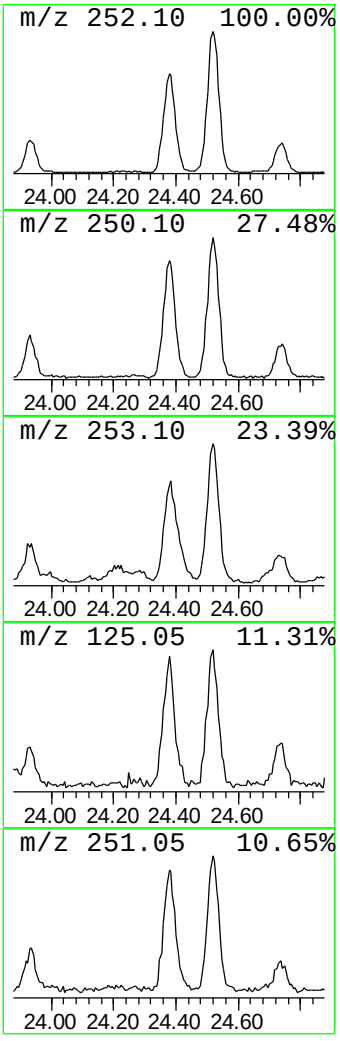
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	3.61 ng/ul	313565	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
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\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

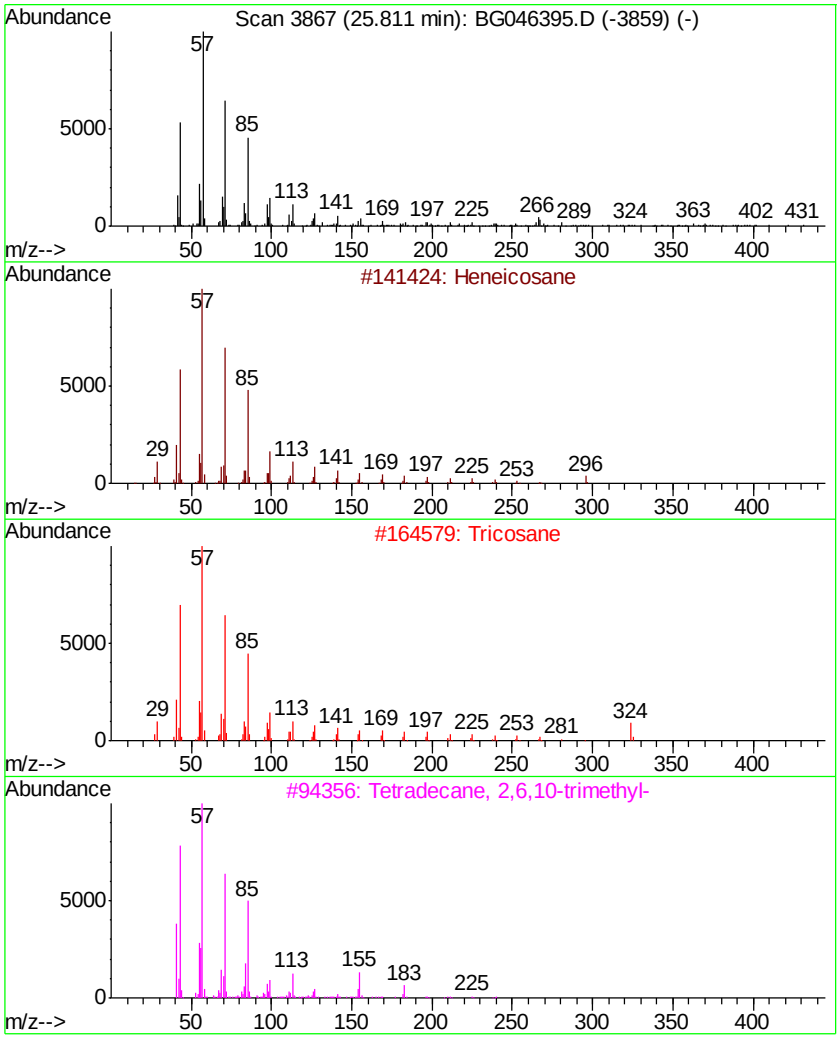
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

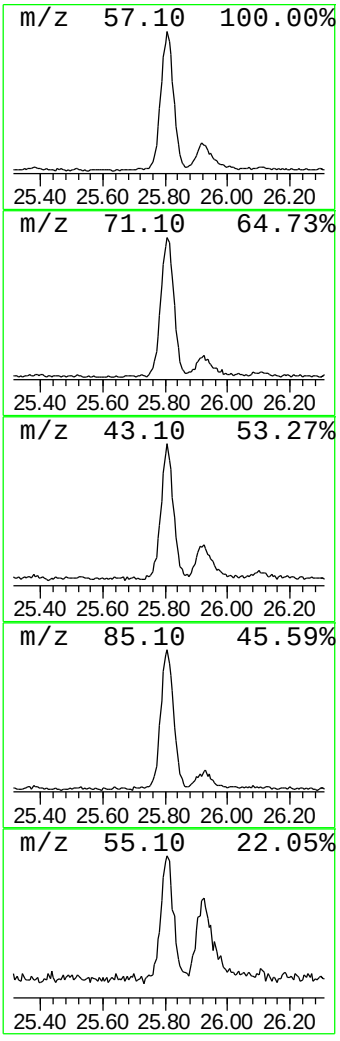
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	4.84 ng/ul	420443	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Tricosane	324	C23H48	000638-67-5	96
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane	240	C17H36	000629-78-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
Sample : L3635-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG7

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...	3.15	109.0	ng/ul	2766880	1	7.94	507679	20.0
2-Furancarboxylic...	7.11	9.5	ng/ul	241234	1	7.94	507679	20.0
unknown-01	7.27	7.9	ng/ul	199795	1	7.94	507679	20.0
unknown-02	7.47	10.0	ng/ul	253661	1	7.94	507679	20.0
unknown-03	8.65	11.6	ng/ul	294964	1	7.94	507679	20.0
unknown-04	9.09	9.5	ng/ul	240681	1	7.94	507679	20.0
unknown-05	9.82	5.6	ng/ul	202650	2	10.73	727839	20.0
unknown-06	10.86	6.6	ng/ul	240749	2	10.73	727839	20.0
unknown-07	13.97	10.2	ng/ul	506709	3	14.57	998580	20.0
Dimethyl phthalate	14.02	2.0	ng/ul	102038	3	14.57	998580	20.0
unknown-08	14.77	3.5	ng/ul	174148	3	14.57	998580	20.0
unknown-09	15.68	3.9	ng/ul	195216	3	14.57	998580	20.0
Anthracene, 9-met...	18.19	2.5	ng/ul	151174	4	17.31	1220340	20.0
Phenanthrene, 1-m...	18.23	2.7	ng/ul	166076	4	17.31	1220340	20.0
Benzaldehyde, 3,5...	18.38	2.9	ng/ul	177711	4	17.31	1220340	20.0
(DEL) Alkane: Str...	21.22	4.2	ng/ul	457932	5	21.56	2186170	20.0
Benzo[e]pyrene	24.38	3.6	ng/ul	313565	6	24.67	1738920	20.0
(DEL) Alkane: Str...	25.81	4.8	ng/ul	420443	6	24.67	1738920	20.0