LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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	3.142	4	9	27	rVB	1550098	2402513	100.00%	9.516%
2	3.401	49	53	58	rVB2	9424	12980	0.54%	0.051%
3	3.818	120	124	130	rBV4	5323	8824	0.37%	0.035%
4	3.918	136	141	150	rVV	23732	35662	1.48%	0.141%
5	3.994	150	154	158	rVB2	3925	5962	0.25%	0.024%
6	4.047	158	163	170	rBV2	14057	24582	1.02%	0.097%
7	4.141	174	179	183	rBV3	4346	7001	0.29%	0.028%
8	5.052	328	334	340	rVB	12028	18987	0.79%	0.075%
9	5.146	345	350	354	rBV3	4455	7617	0.32%	0.030%
10	7.108	676	684	697	rBV	175790	323717	13.47%	1.282%
11	7.267	705	711	720	rBV	148483	246050	10.24%	0.975%
12	7.472	739	746	757	rBV	186522	325919	13.57%	1.291%
13	7.942	817	826	835	rBV	265476	460411	19.16%	1.824%
14	8.647	938	946	957	rBV	179041	323733	13.47%	1.282%
15	9.094	1015	1022	1032	rBV	179937	319040	13.28%	1.264%
16	9.817	1136	1145	1154	rBV	151965	273331	11.38%	1.083%
17	10.363	1230	1238	1254	rBV	233852	435438	18.12%	1.725%
18	10.739	1294	1302	1316	rBV	392533	705842	29.38%	2.796%
19	10.868	1316	1324	1333	rBV	174244	336984	14.03%	1.335%
20	11.673	1452	1461	1467	rBV7	3539	10029	0.42%	0.040%
21	12.320	1566	1571	1578	rBV4	3857	6472	0.27%	0.026%
22	12.613	1615	1621	1626	rBV3	2805	5206	0.22%	0.021%
23	13.406	1751	1756	1760	rBV4	3748	5736	0.24%	0.023%
24	13.971	1843	1852	1857	rBV	483487	708518	29.49%	2.806%
25	14.018	1857	1860	1866	rVV	87202	121283	5.05%	0.480%
26	14.258	1893	1901	1917	rBV	547462	873444	36.36%	3.460%
27	14.570	1946	1954	1961	rVV	642700	1024276	42.63%	4.057%
28	14.634	1961	1965	1968	rVB4	4361	5911	0.25%	0.023%
29	14.770	1981	1988	2002	rBV	120252	245523	10.22%	0.973%
30	14.969	2018	2022	2031	rVV3	5627	11658	0.49%	0.046%
31	15.563	2115	2123	2129	rBV	731905	1125922	46.86%	4.460%
32	15.616	2129	2132	2137	rVV3	8024	11924	0.50%	0.047%
33	15.674	2137	2142	2152	rVV	153942	237332	9.88%	0.940%
34	15.798	2159	2163	2168	rVV	7601	9732	0.41%	0.039%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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	15.915	2177	2183	2190	rVB4	5253	11092	0.46%	0.044%
36	16.050	2199	2206	2214	rVB5	4873	10723	0.45%	0.042%
37	16.291	2241	2247	2249	rBV5	6206	8933	0.37%	0.035%
38	16.626	2299	2304	2309	rVV5	4499	7917	0.33%	0.031%
39	16.849	2338	2342	2346	rVV2	14016	19780	0.82%	0.078%
40	16.891	2346	2349	2352	rVV3	5614	7526	0.31%	0.030%
41	16.961	2356	2361	2369	rVB3	13052	23267	0.97%	0.092%
42	17.043	2371	2375	2377	rVV3	5235	6825	0.28%	0.027%
43	17.085	2380	2382	2386	rVV2	5933	9245	0.38%	0.037%
44	17.132	2386	2390	2395	rVB3	6072	10832	0.45%	0.043%
45	17.308	2414	2420	2425	rBV	793290	1247803	51.94%	4.942%
46	17.355	2425	2428	2432	rVV	149451	200099	8.33%	0.793%
47	17.408	2432	2437	2448	rVB	759457	1146906	47.74%	4.543%
48	17.496	2448	2452	2460	rVB9	5560	10356	0.43%	0.041%
49	17.625	2471	2474	2478	rVB4	4156	5878	0.24%	0.023%
50	17.713	2482	2489	2491	rBV2	9120	14709	0.61%	0.058%
51	17.831	2504	2509	2513	rVB4	8262	12132	0.50%	0.048%
52	17.889	2515	2519	2524	rVV6	7741	11143	0.46%	0.044%
53	17.995	2533	2537	2540	rVB5	5457	6731	0.28%	0.027%
54	18.107	2552	2556	2559	rBV4	4495	5360	0.22%	0.021%
55	18.183	2564	2569	2573	rBV	31307	56869	2.37%	0.225%
56	18.230	2574	2577	2582	rVV	45086	73043	3.04%	0.289%
57	18.277	2582	2585	2588	rVV	6402	9112	0.38%	0.036%
58	18.318	2588	2592	2596	rVB2	10182	12570	0.52%	0.050%
59	18.377	2596	2602	2606	rBV3	41339	73417	3.06%	0.291%
60	18.418	2606	2609	2614	rVB	24671	36669	1.53%	0.145%
61	18.500	2620	2623	2624	rBV3	6649	5188	0.22%	0.021%
62	18.536	2626	2629	2635	rVV5	10195	17018	0.71%	0.067%
63	18.583	2635	2637	2641	rVB5	5842	7884	0.33%	0.031%
64	18.683	2650	2654	2656	rBV	32160	44467	1.85%	0.176%
65	18.718	2656	2660	2666	rVB2	216609	296964	12.36%	1.176%
66	18.806	2672	2675	2677	rBV4	4762	5279	0.22%	0.021%
67	18.929	2689	2696	2699	rBV6	13257	23418	0.97%	0.093%
68	18.982	2702	2705	2709	rBV2	10075	12698	0.53%	0.050%
69	19.018	2709	2711	2715	rVB4	8623	10241	0.43%	0.041%
70	19.070	2717	2720	2721	rBV3	5407	5766	0.24%	0.023%
71	19.106	2721	2726	2729	rBV	30593	46573	1.94%	0.184%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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	19.194	2739	2741	2745	rVB4	8926	11058	0.46%	0.044%
73	19.241	2745	2749	2756	rBV	31586	53439	2.22%	0.212%
74	19.364	2764	2770	2775	rVB	358836	497393	20.70%	1.970%
75	19.464	2783	2787	2791	rBV7	21109	32782	1.36%	0.130%
76	19.511	2791	2795	2798	rBV	55867	70017	2.91%	0.277%
77	19.552	2800	2802	2804	rBV3	10741	11024	0.46%	0.044%
78	19.693	2819	2826	2830	rBV2	1000919	1694743	70.54%	6.713%
79	19.793	2840	2843	2847	rBV3	17880	26479	1.10%	0.105%
80	19.905	2857	2862	2865	rBV	21496	35821	1.49%	0.142%
81	19.958	2869	2871	2876	rVB4	17084	20377	0.85%	0.081%
82	20.028	2877	2883	2893	rBV	1570669	2143573	89.22%	8.491%
83	20.181	2906	2909	2910	rBV3	19618	21935	0.91%	0.087%
84	20.210	2911	2914	2918	rVB	48698	67399	2.81%	0.267%
85	20.310	2929	2931	2936	rVB2	17405	18447	0.77%	0.073%
86	20.369	2938	2941	2946	rVB2	41689	59474	2.48%	0.236%
87	20.516	2963	2966	2969	rBV	26016	28043	1.17%	0.111%
88	20.557	2970	2973	2978	rVV2	27477	36905	1.54%	0.146%
89	20.968	3039	3043	3049	rVB	54091	80227	3.34%	0.318%
90	21.191	3078	3081	3082	rBV	24715	27236	1.13%	0.108%
91	21.221	3082	3086	3094	rVB3	255198	412068	17.15%	1.632%
92	21.556	3135	3143	3148	rBV2	890633	1700101	70.76%	6.734%
93	21.603	3148	3151	3160	rVB	169227	267512	11.13%	1.060%
94	23.683	3499	3505	3513	rBV2	123277	370237	15.41%	1.466%
95	23.806	3521	3526	3530	rBV2	86134	143252	5.96%	0.567%
96	23.859	3531	3535	3543	rVB3	99729	203454	8.47%	0.806%
97	24.376	3619	3623	3628	rBV	49322	100234	4.17%	0.397%
98	24.452	3629	3636	3643	rBV	453208	1102361	45.88%	4.366%
99	24.670	3664	3673	3691	rVB	506443	1495578	62.25%	5.924%
100	25.810	3860	3867	3876	rVB2	114300	323419	13.46%	1.281%

Sum of corrected areas: 25246580

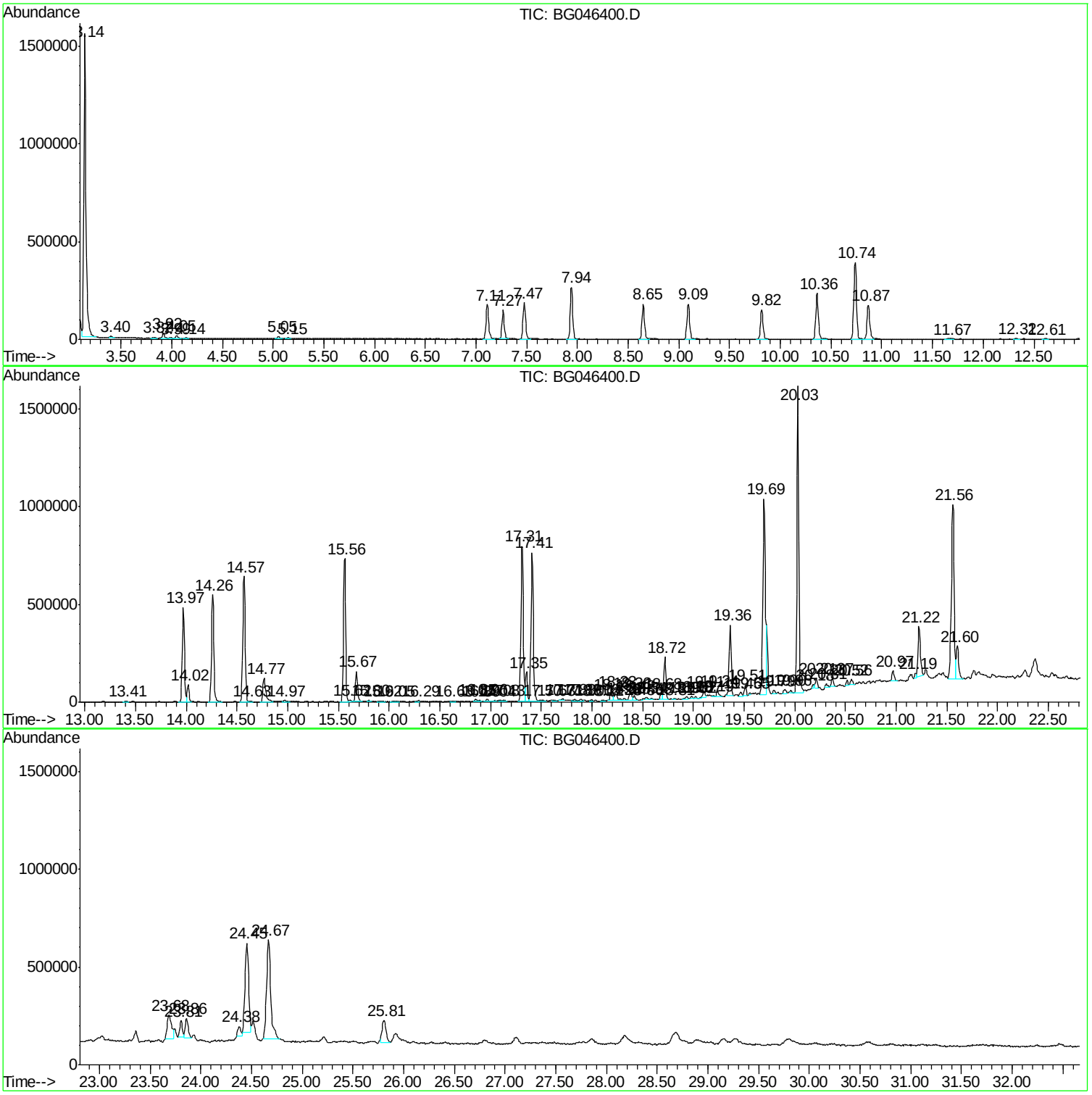
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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 : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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

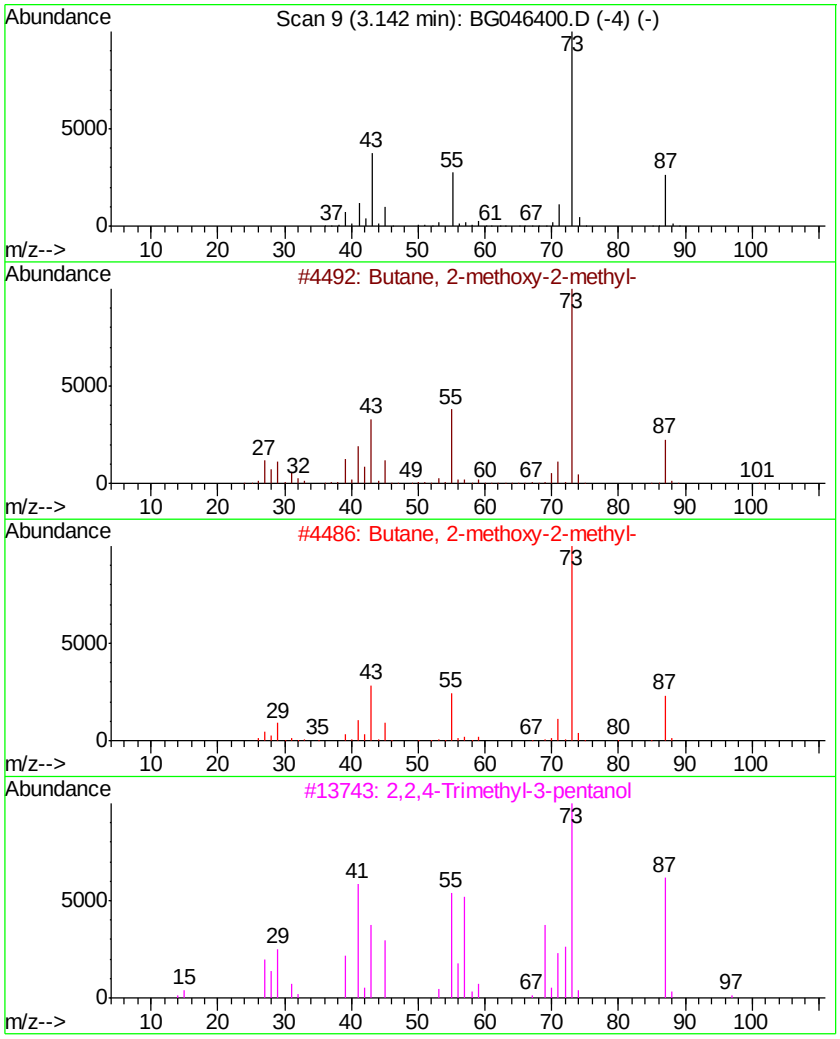
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

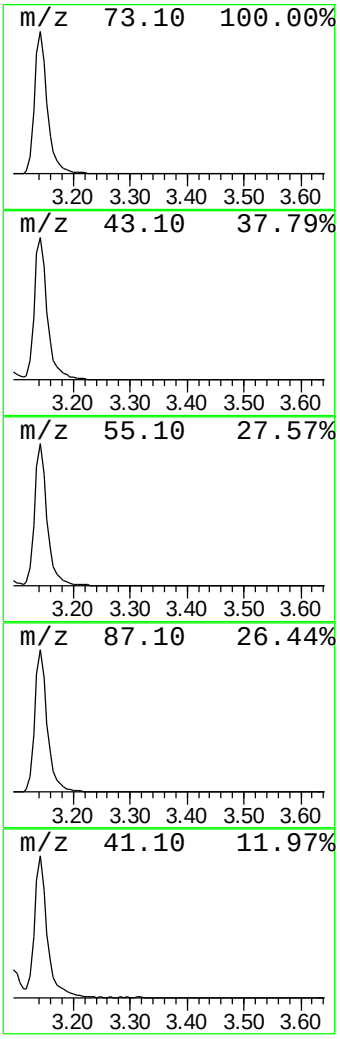
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	104.36 ng/ul	2402510	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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

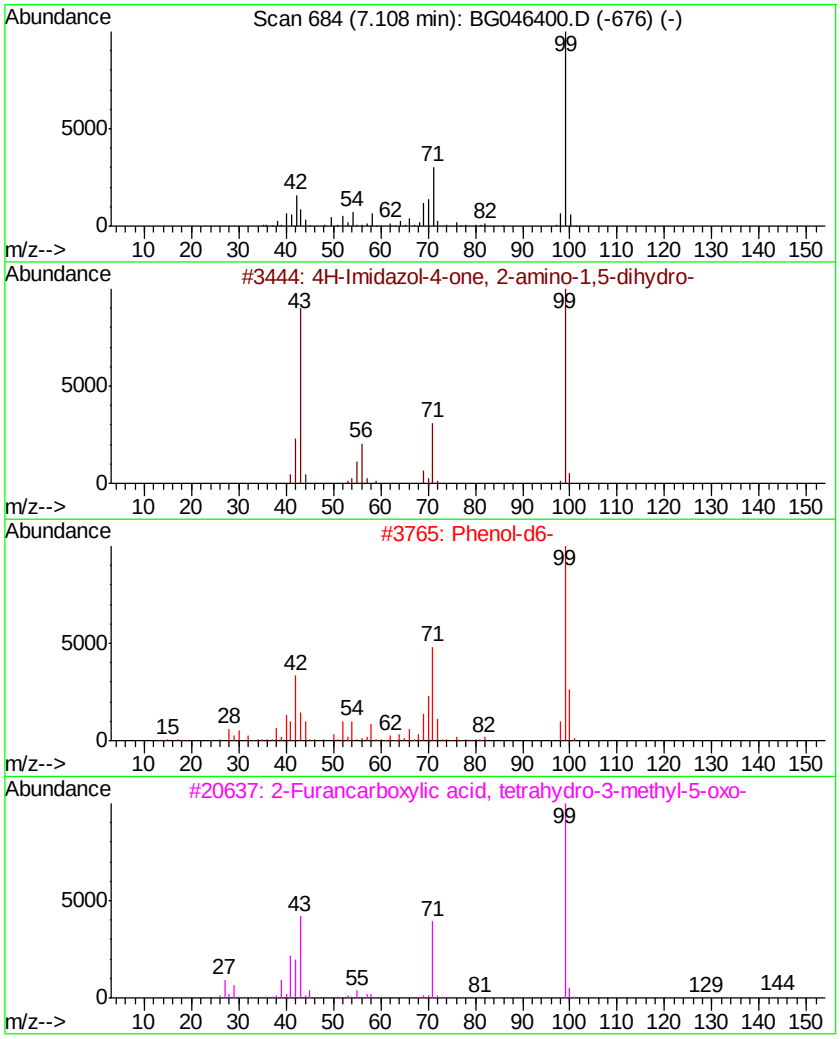
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

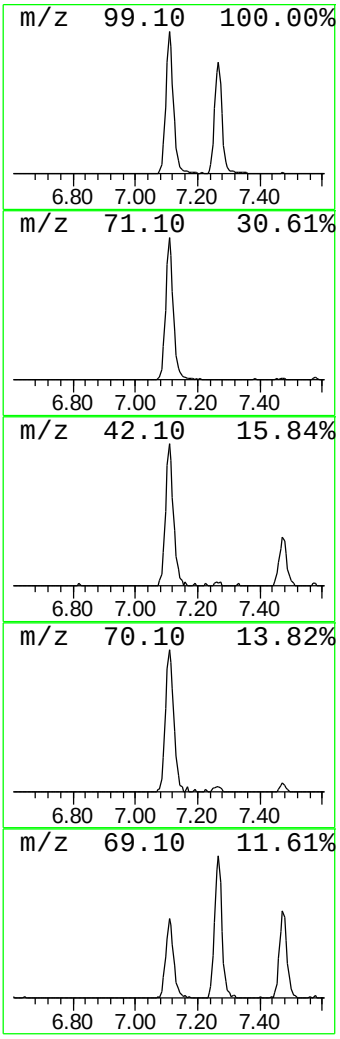
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	14.06 ng/ul	323717	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	64
2	Phenol-d6-	100	C6D6O	013127-88-3	64
3	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	59
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
5	2-Thioxo-dihydropyrimidine-4,6-d...	359	C17H21N5O2S	1000304-28-6	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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

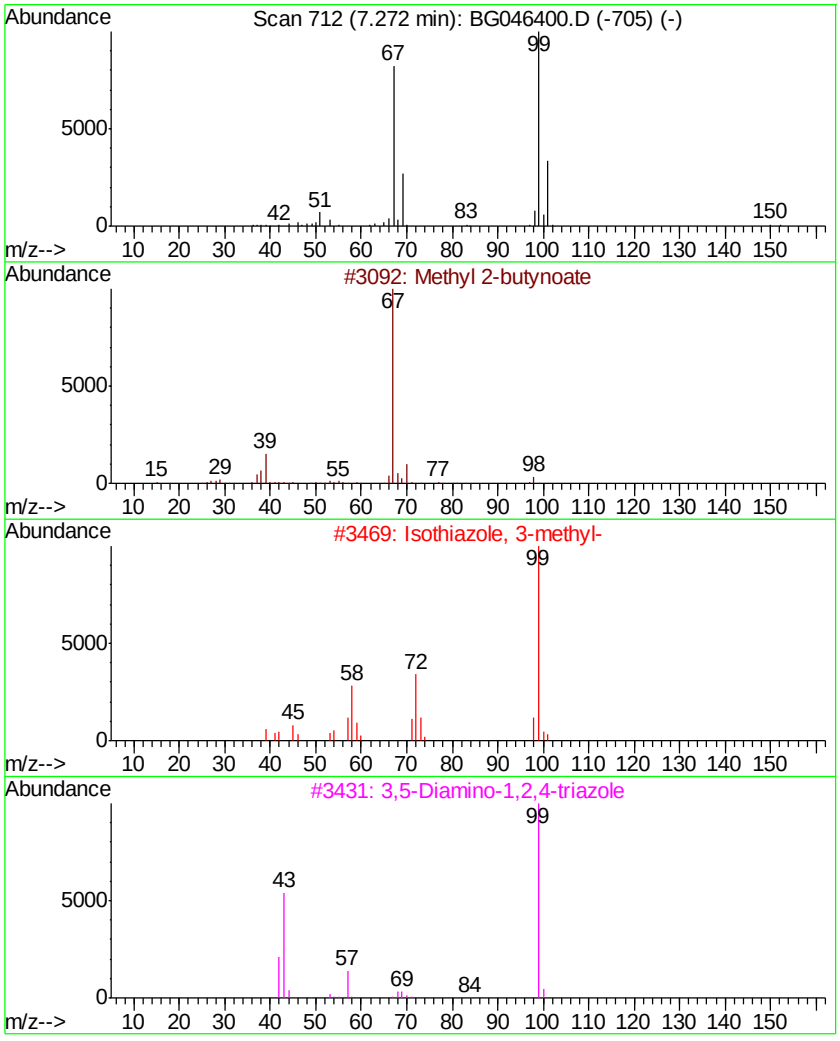
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

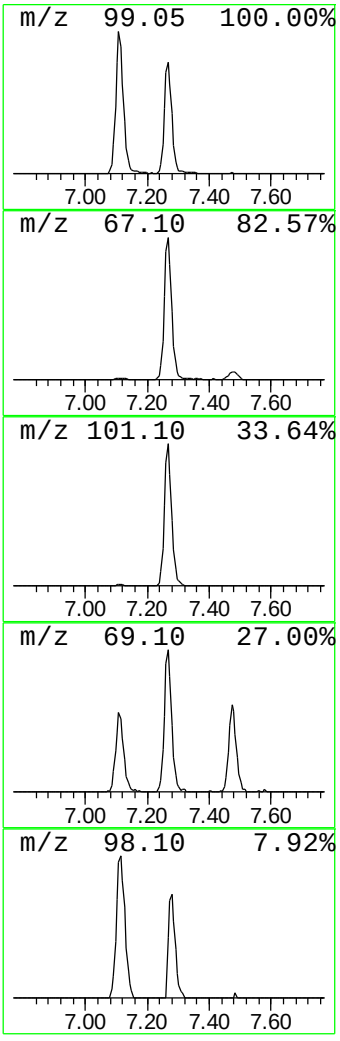
****

Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	10.69 ng/ul	246050	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
2	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
3	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
4	Propanedinitrile, dichloro-	134	C3Cl2N2	013063-43-9	9
5	Ethane, 1,2-dichloro-1,1-difluoro-	134	C2H2Cl2F2	001649-08-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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

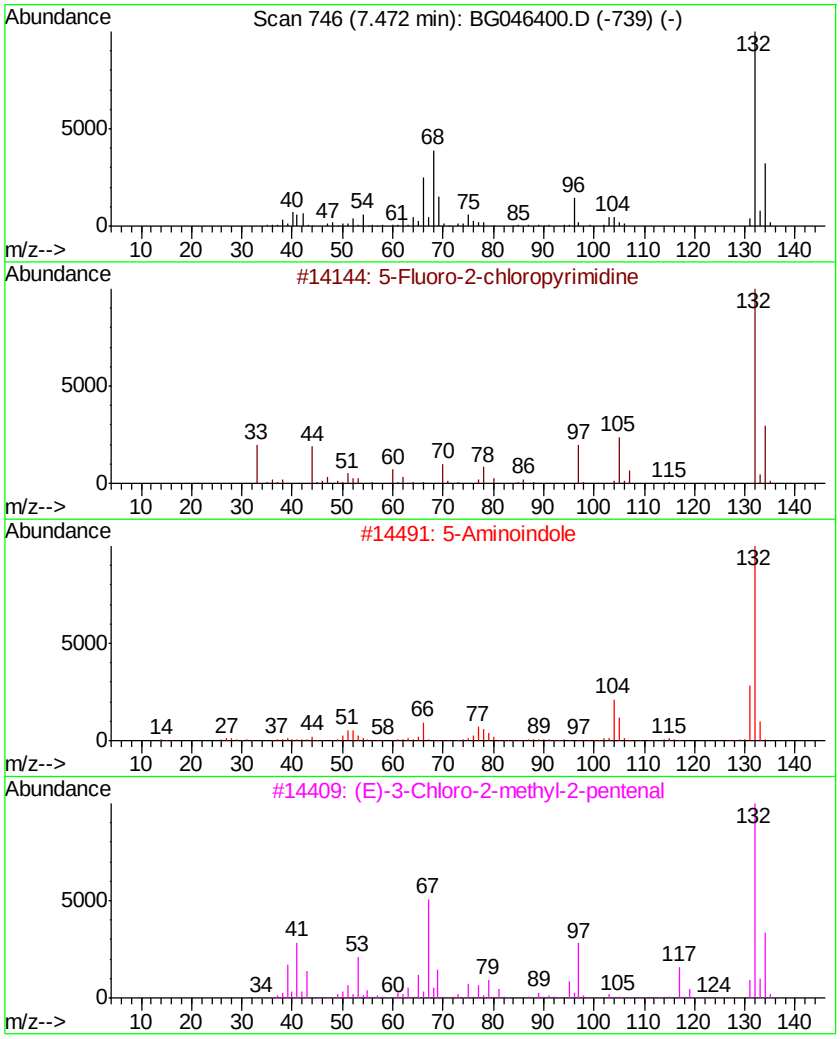
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

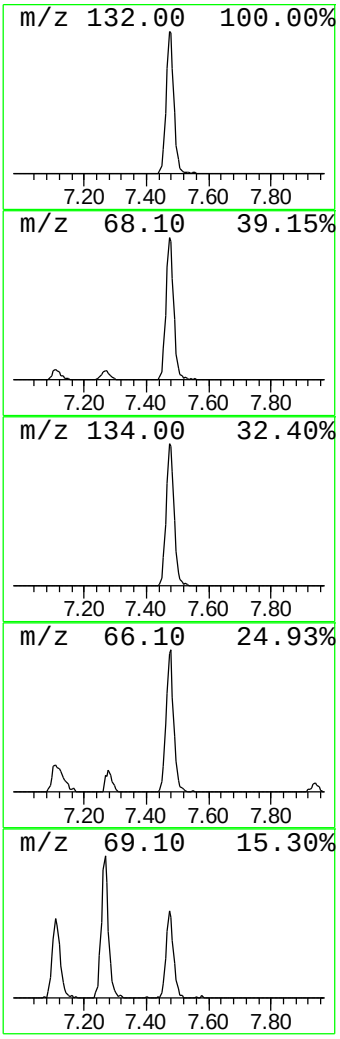
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	14.16 ng/ul	325919	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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

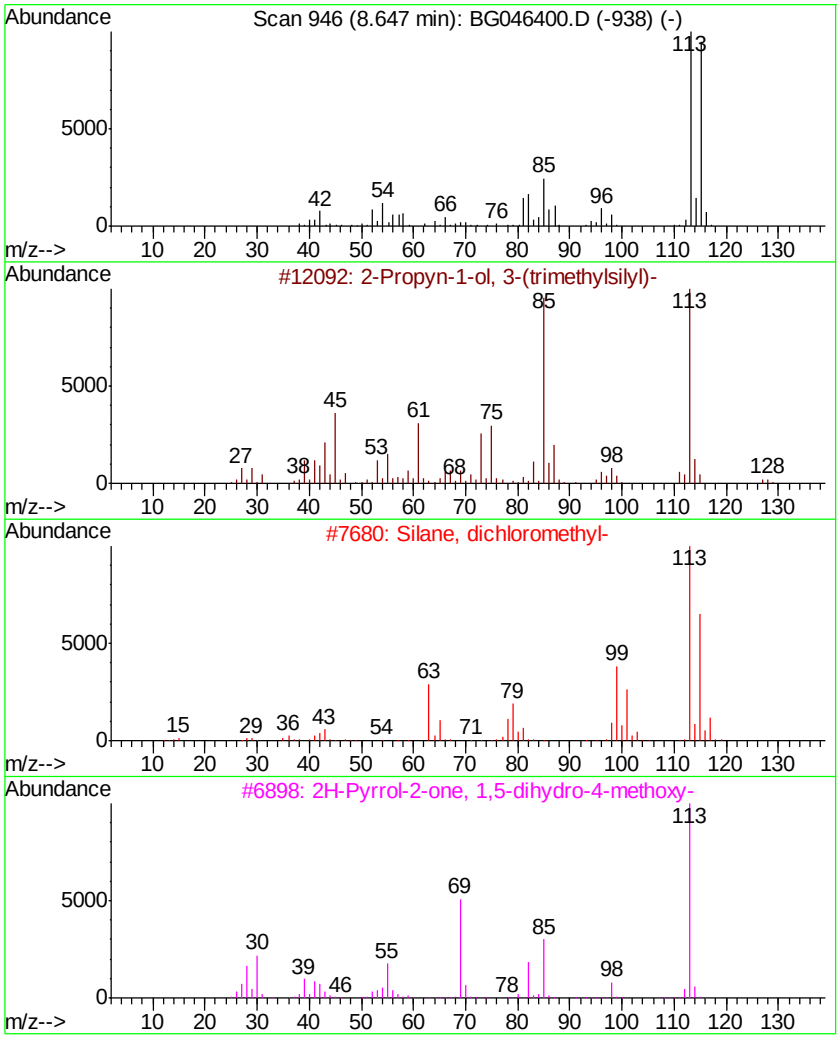
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

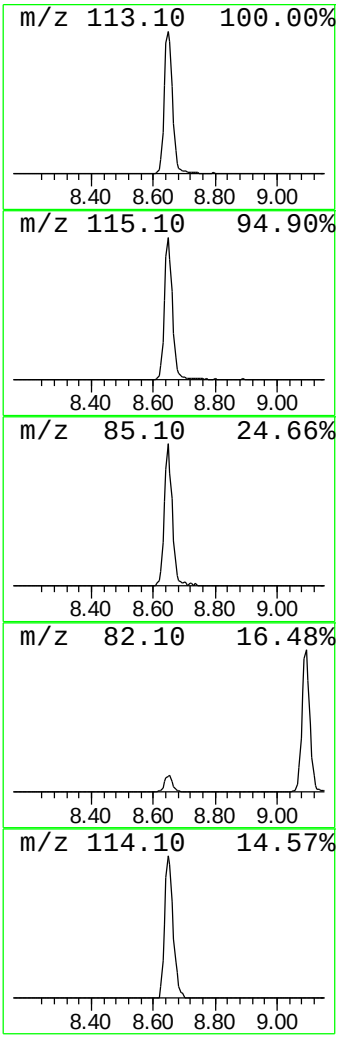
****

Peak Number 5 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	14.06 ng/ul	323733	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyn-1-ol, 3-(trimethylsilyl)-	128	C6H12OSi	005272-36-6	43
2	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
3	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
5	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	27





Library Search Compound Report

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Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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

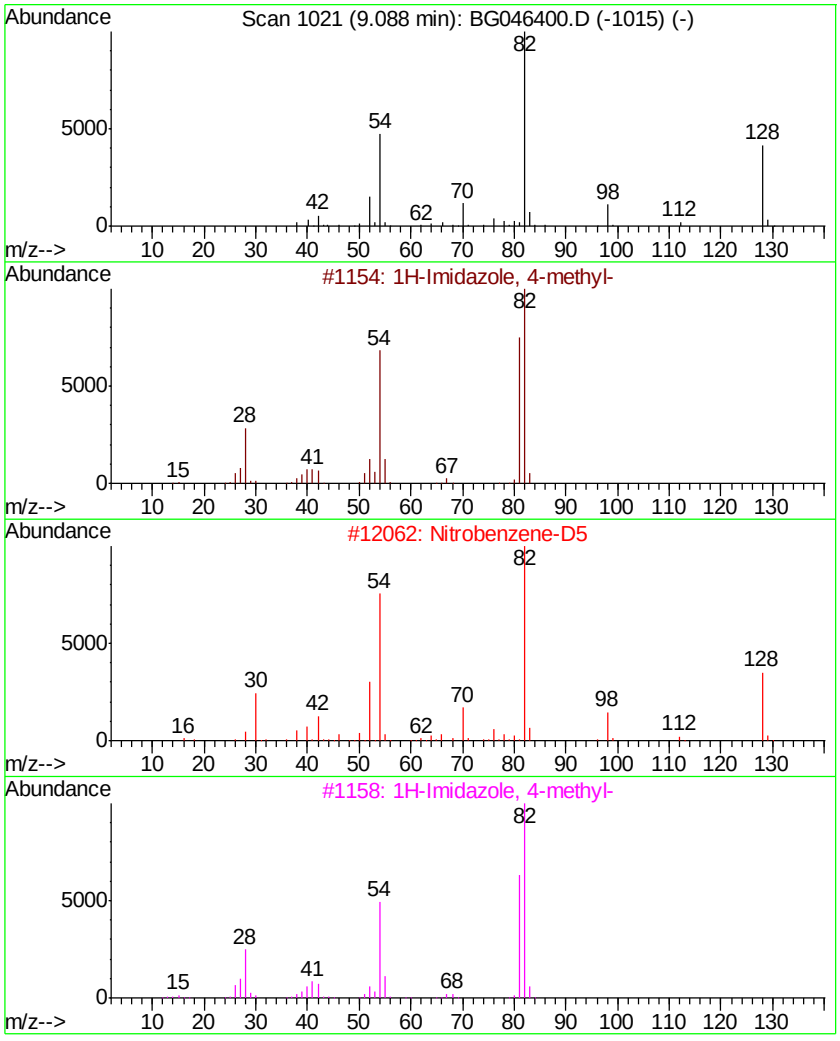
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

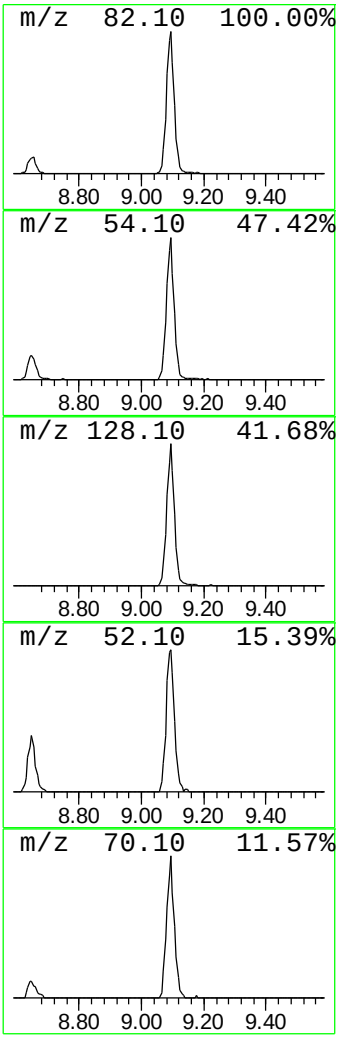
****

Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	13.86 ng/ul	319040	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
2	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	43
3	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	16





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Instrument : BNA_G
ClientSampleId : BFMH5

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Quant Title : SVOA CALIBRATION

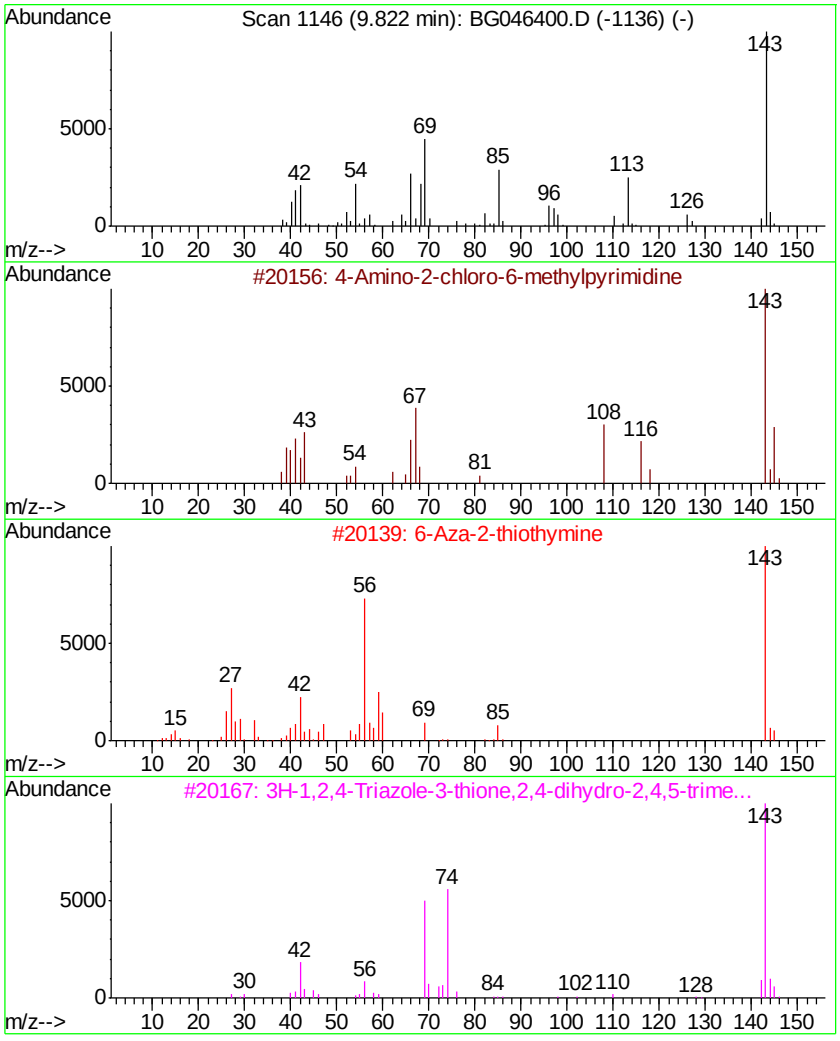
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

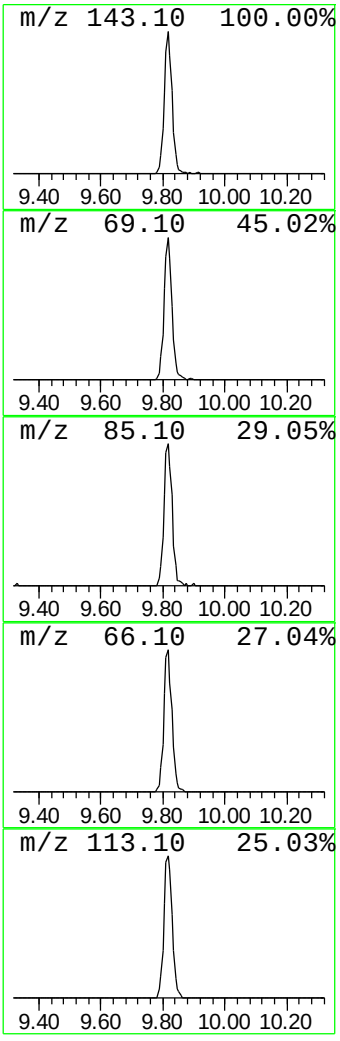
****

Peak Number 7 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	7.74 ng/ul	273331	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	36
2	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12
3	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12
4	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10
5	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	9





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Instrument : BNA_G
ClientSampleId : BFMH5

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Quant Title : SVOA CALIBRATION

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

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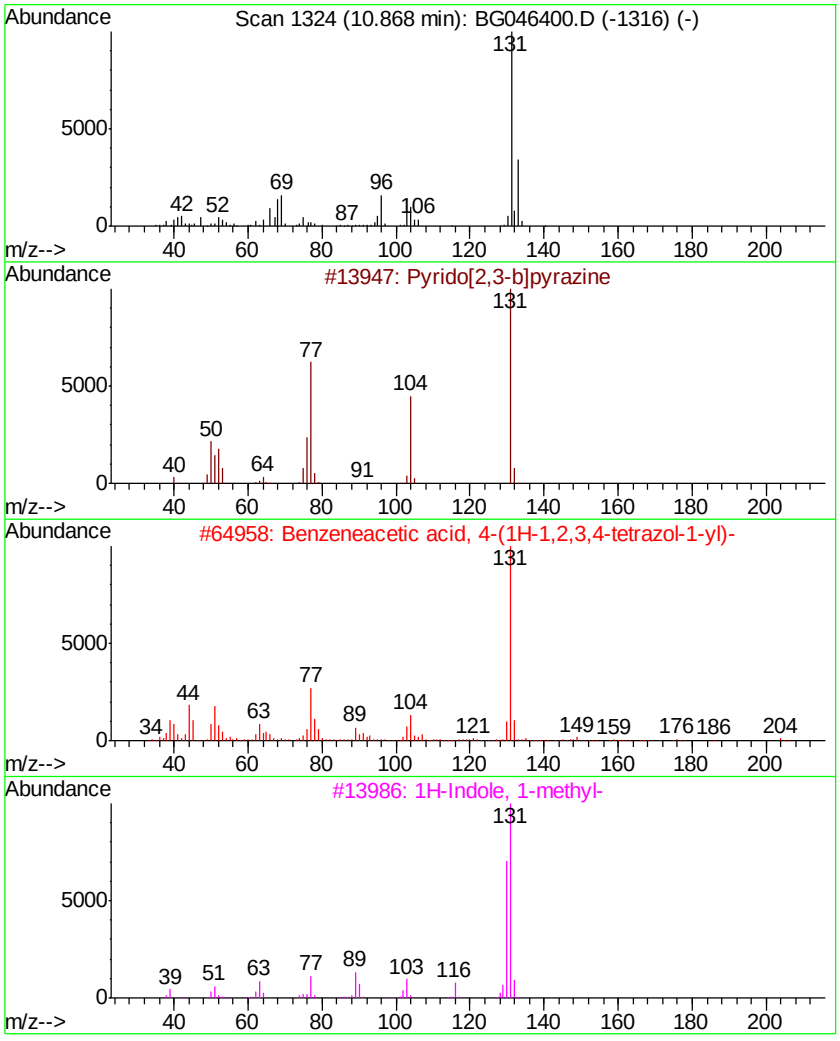
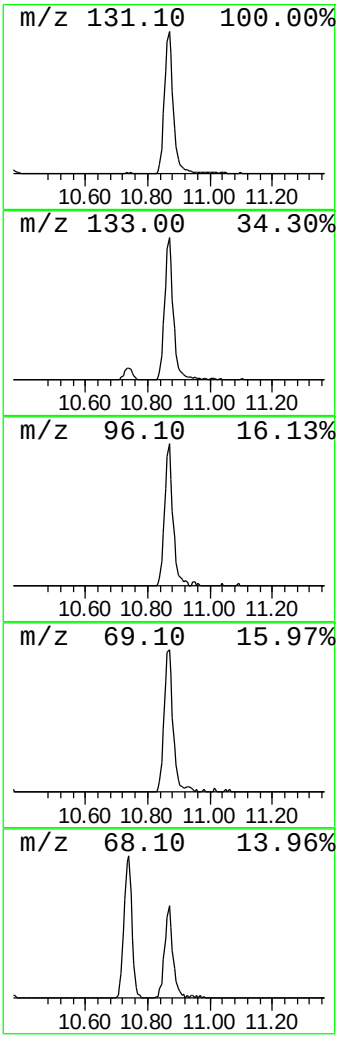
Peak Number 8 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	9.55 ng/ul	336984	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
4	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	9





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Operator : CG/JU
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Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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Quant Title : SVOA CALIBRATION

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

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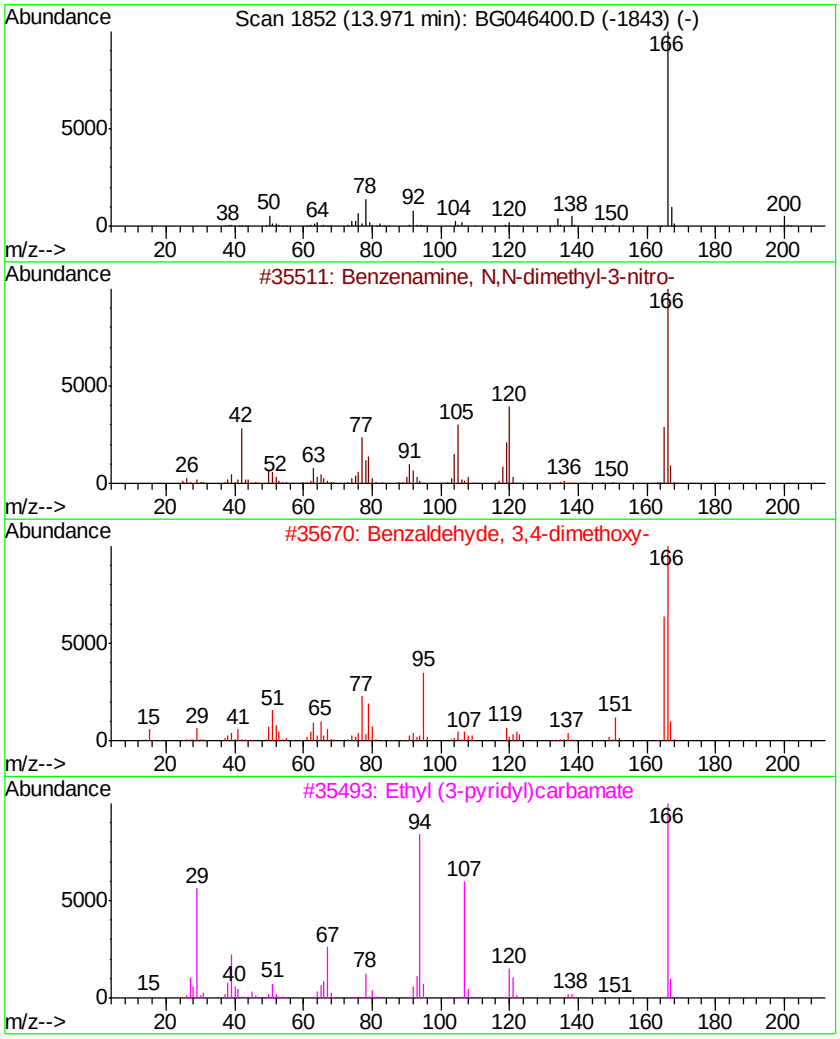
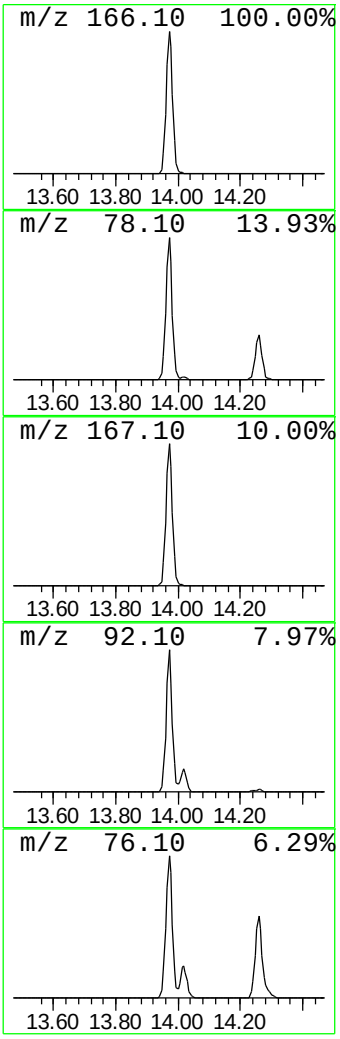
Peak Number 9 Benzenamine, N,N-dimethyl-3... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	13.83 ng/ul	708518	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N,N-dimethyl-3-nitro-	166	C8H10N2O2	000619-31-8	56
2	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
3	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	42
4	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	38
5	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38





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Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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Quant Title : SVOA CALIBRATION

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

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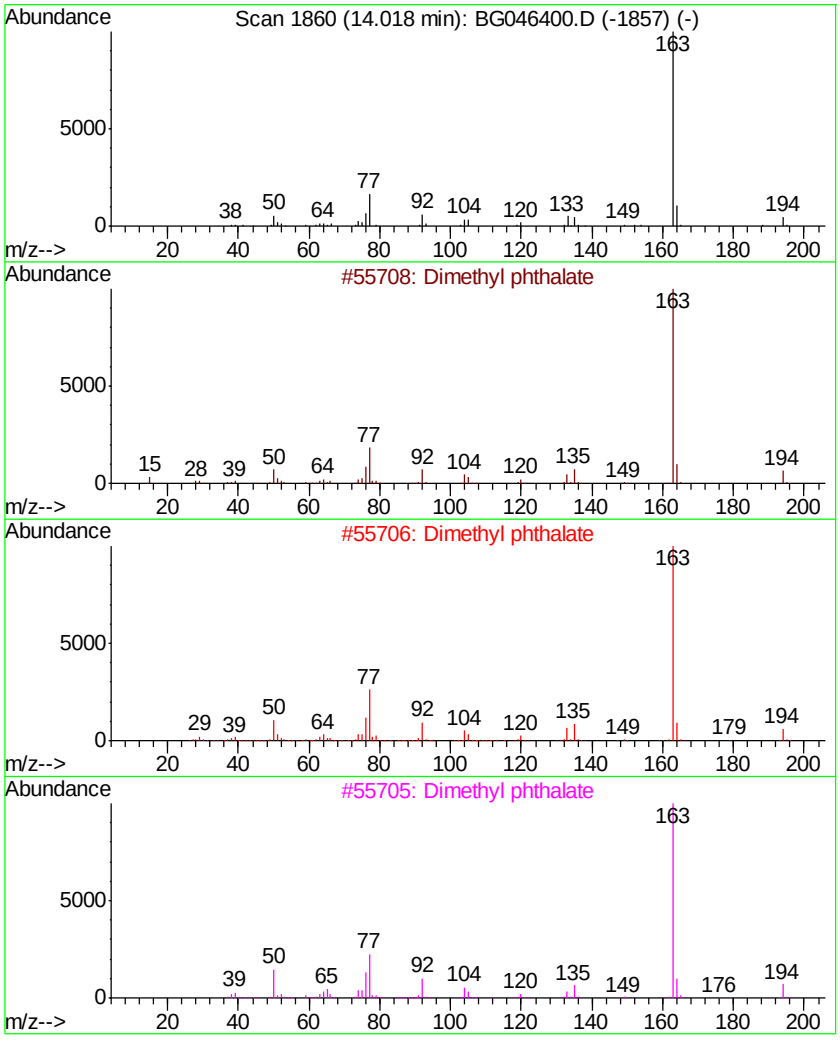
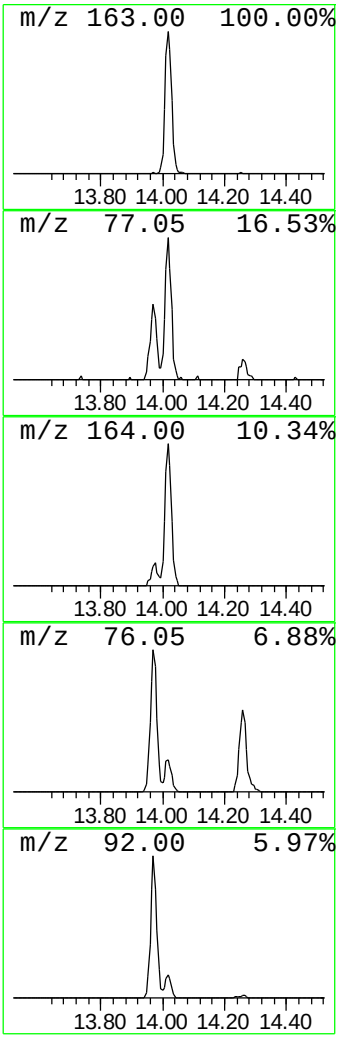
Peak Number 10 Dimethyl phthalate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.37 ng/ul	121283	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	93
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
4	Phthalic acid, 4-isopropylphenyl...	298	C18H18O4	1000315-65-7	83
5	Phthalic acid, 4-bromophenyl met...	334	C15H11BrO4	1000315-66-6	78





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Operator : CG/JU
Sample : L3635-09
Misc :
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Instrument : BNA_G
ClientSampleId : BFMH5

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Quant Title : SVOA CALIBRATION

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

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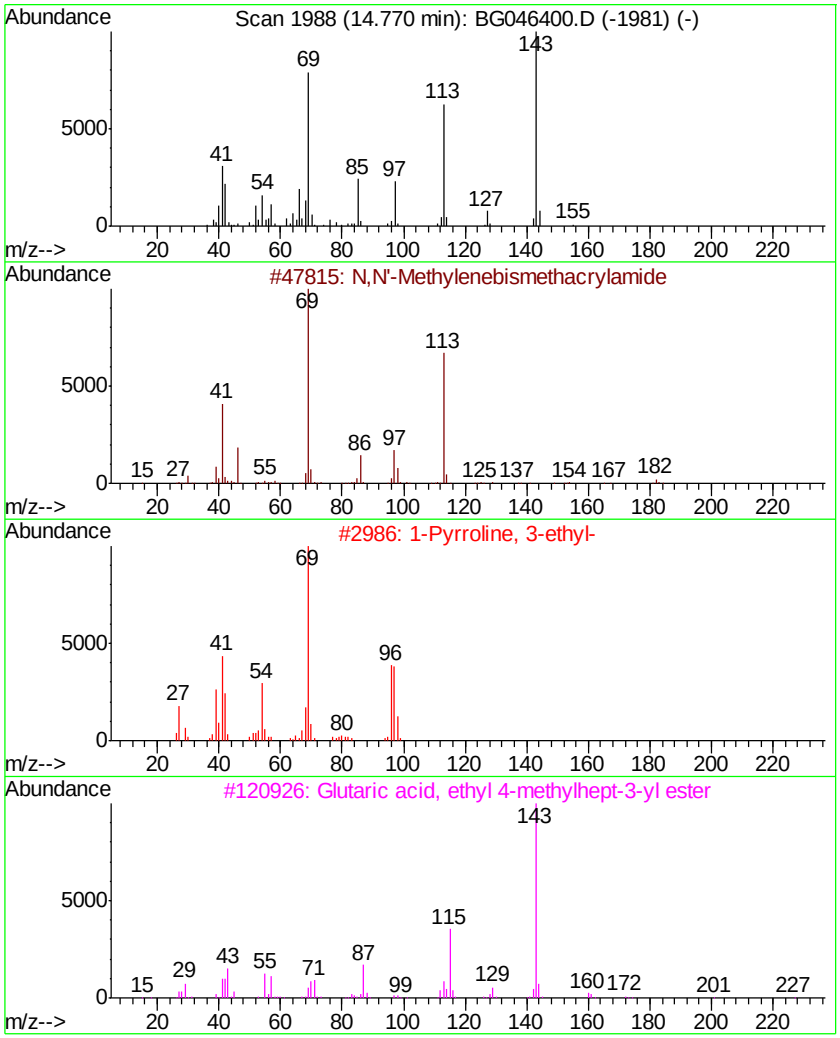
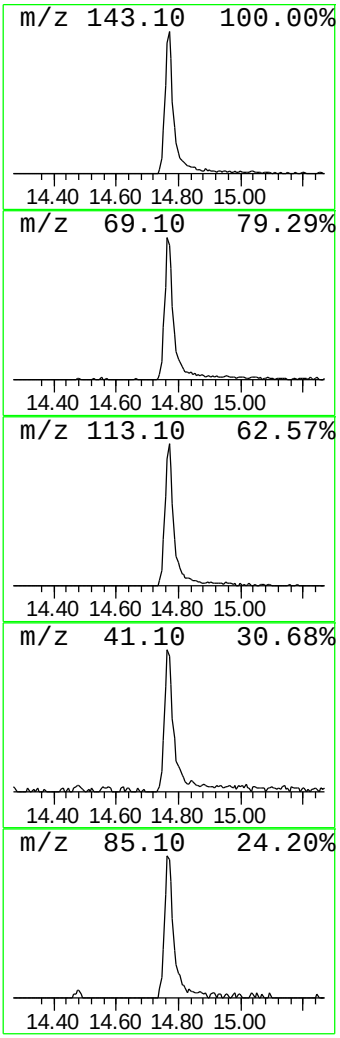
Peak Number 11 unknown-06 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	4.79 ng/ul	245523	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	32
2	1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	25
3	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22
4	2-Furanone, 2,5-dihydro-3,5-dime...	112	C6H8O2	1000196-88-1	22
5	2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	17





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Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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Quant Title : SVOA CALIBRATION

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

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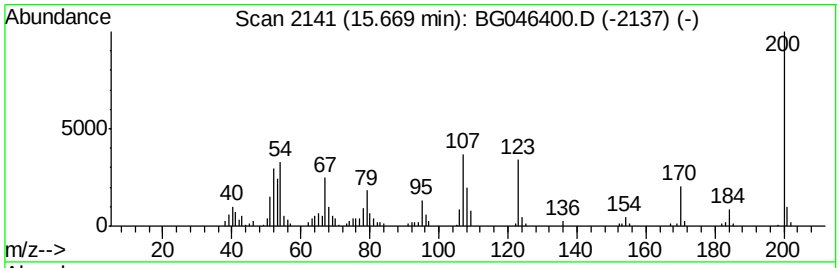
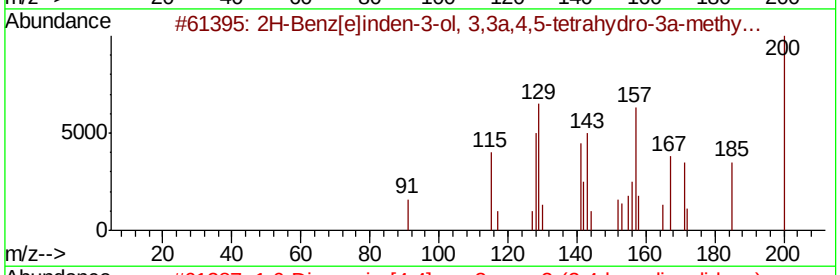
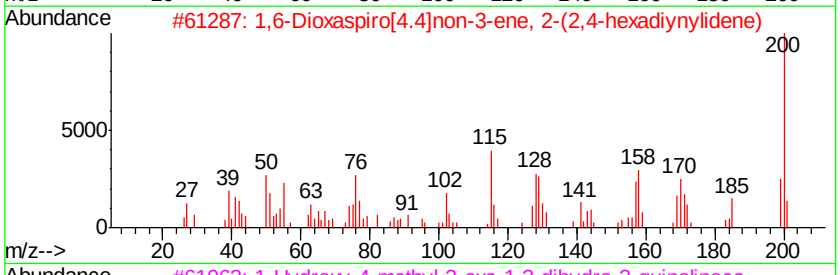
Peak Number 12 unknown-07 Concentration Rank 14

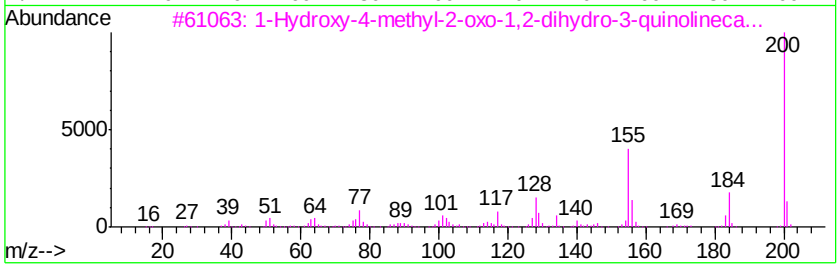
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	4.63 ng/ul	237332	Acenaphthene-d10	14.57

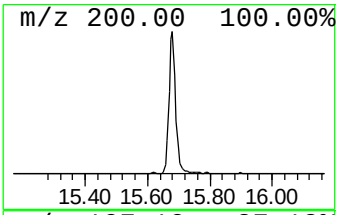
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	27
2	1,6-Dioxaspiro[4.4]non-3-ene, 2-...	200	C13H12O2	016863-61-9	27
3	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	14
4	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	14
5	Phosphine, methyldiphenyl-	200	C13H13P	001486-28-8	12

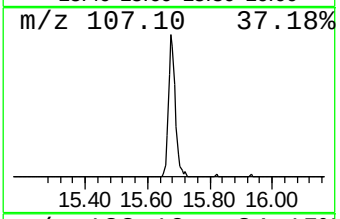


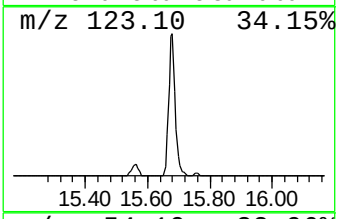


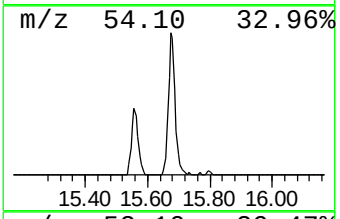


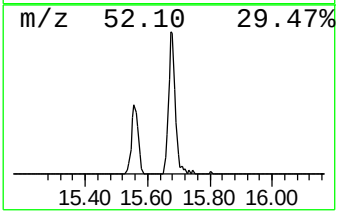












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Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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

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

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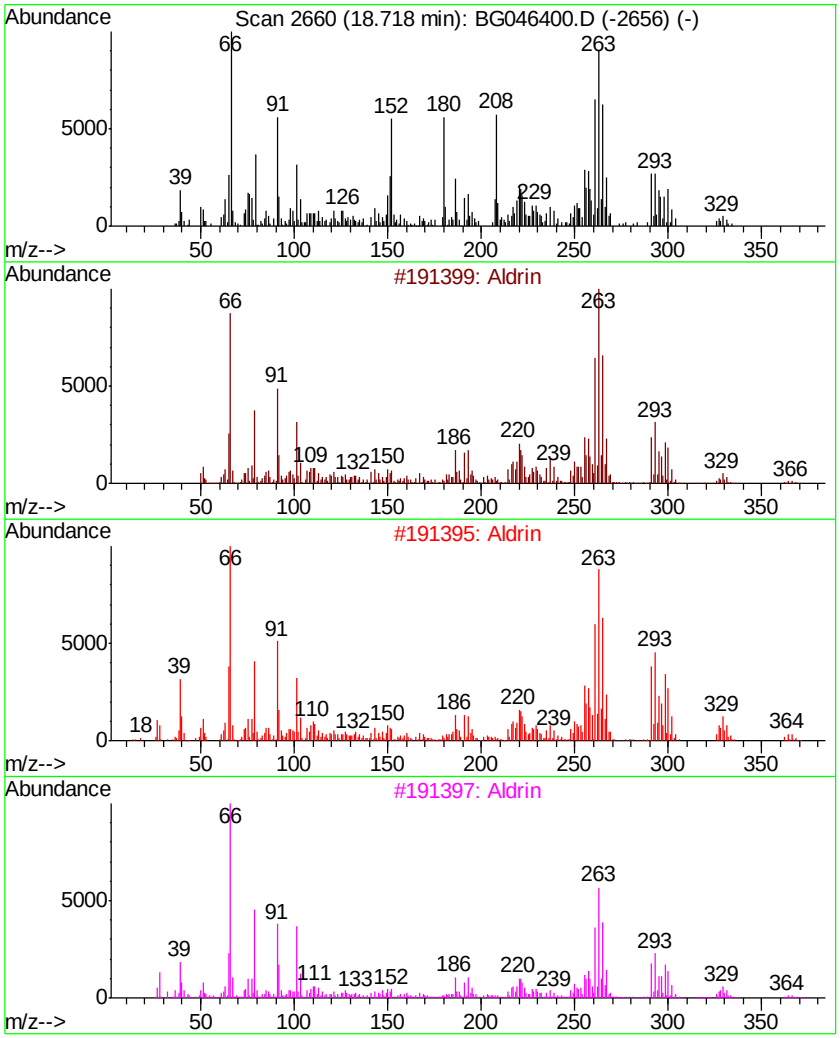
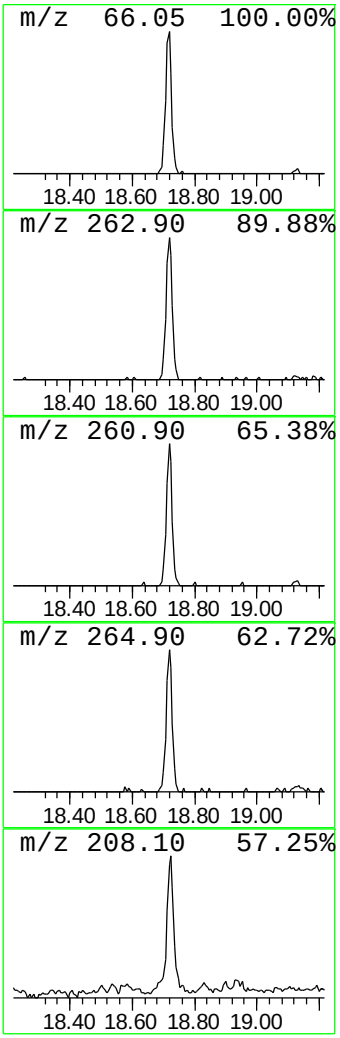
Peak Number 13 Aldrin Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	4.76 ng/ul	296964	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aldrin	362	C12H8Cl6	000309-00-2	93
2	Aldrin	362	C12H8Cl6	000309-00-2	87
3	Aldrin	362	C12H8Cl6	000309-00-2	62
4	Aldrin	362	C12H8Cl6	000309-00-2	58
5	4,7-Methanoisobenzofuran-1,3-dio...	164	C9H8O3	000826-62-0	50





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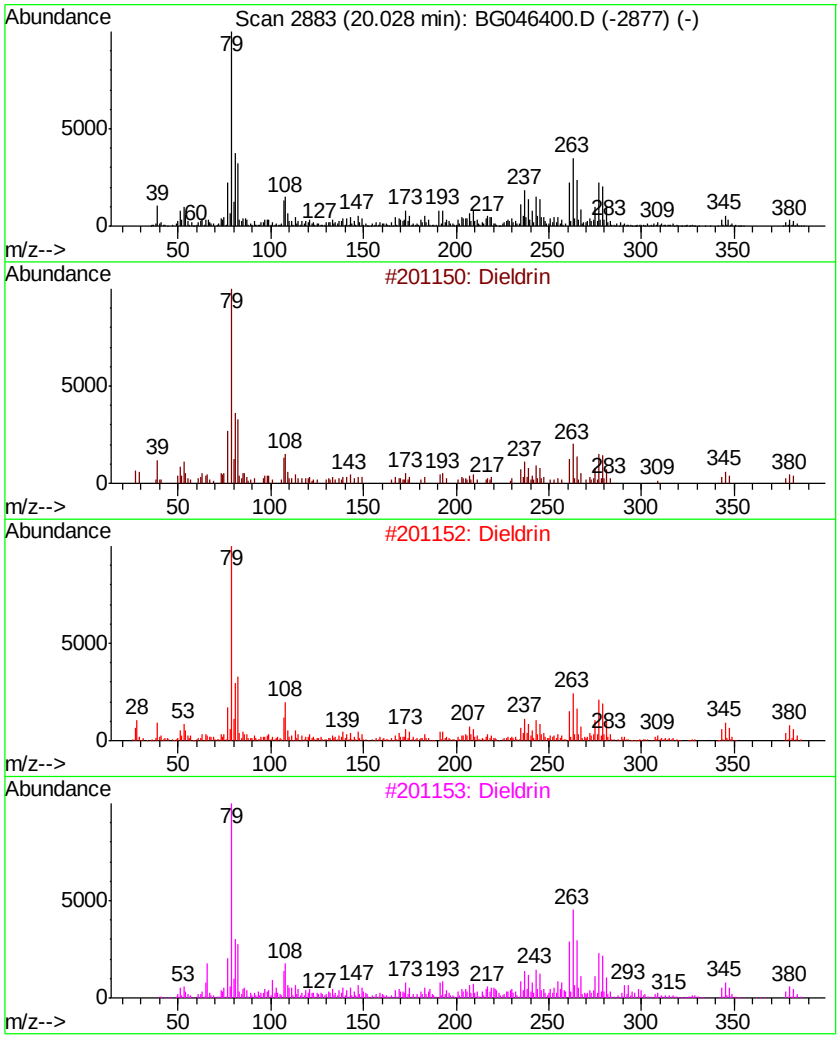
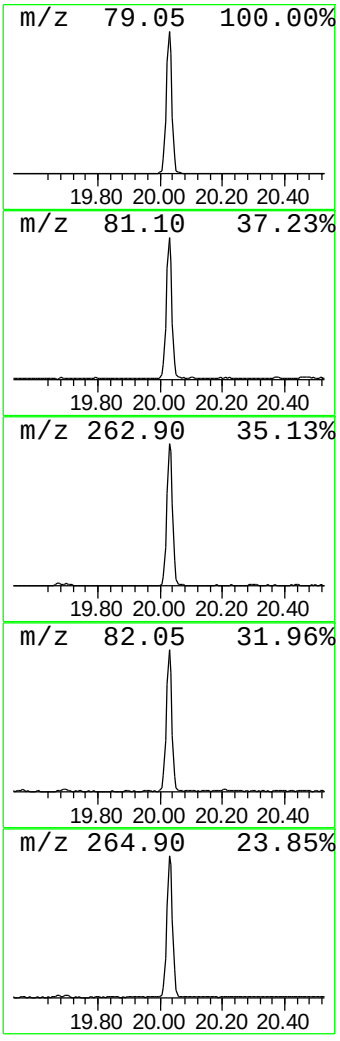
Peak Number 14 Dieldrin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	25.22 ng/ul	2143570	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	97
3	Dieldrin	378	C12H8Cl6O	000060-57-1	95
4	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	90
5	Dieldrin	378	C12H8Cl6O	000060-57-1	86





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Quant Title : SVOA CALIBRATION

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

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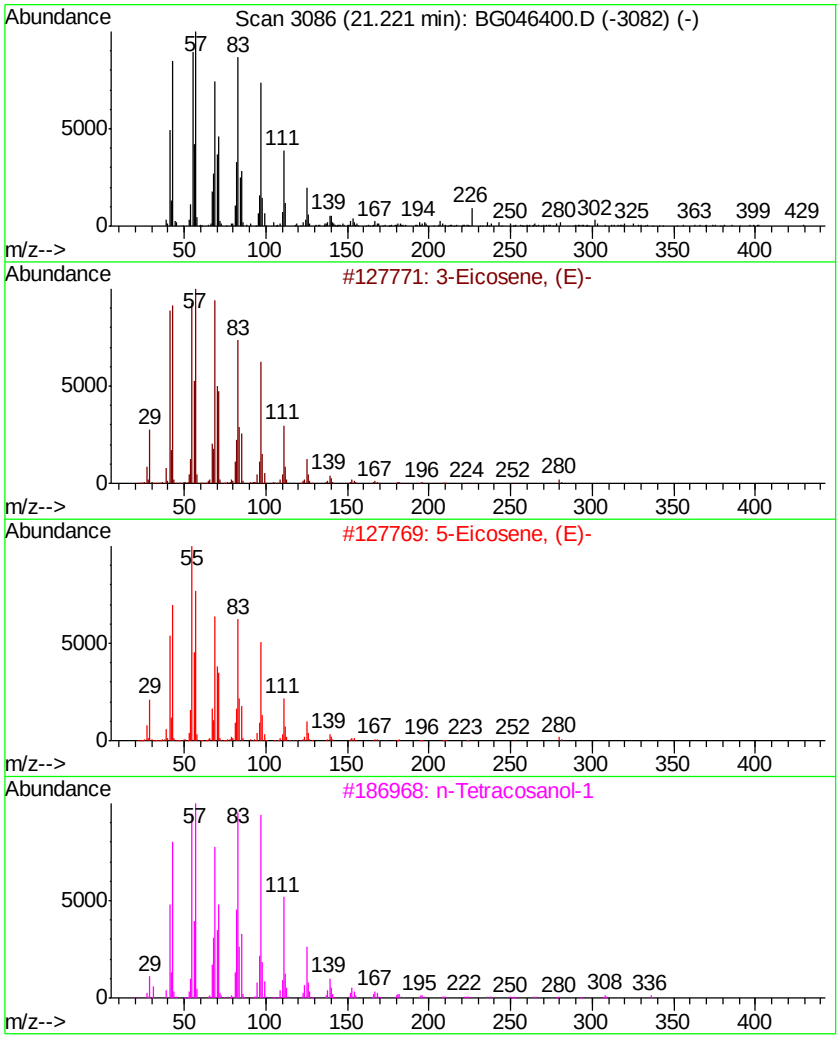
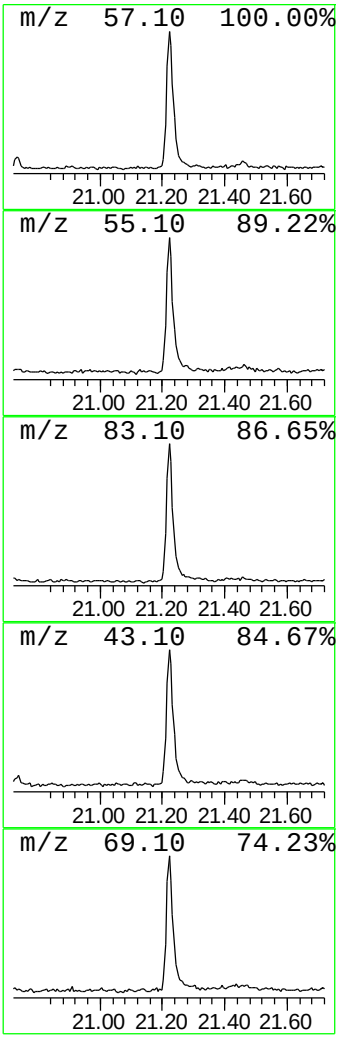
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	4.85 ng/ul	412068	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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

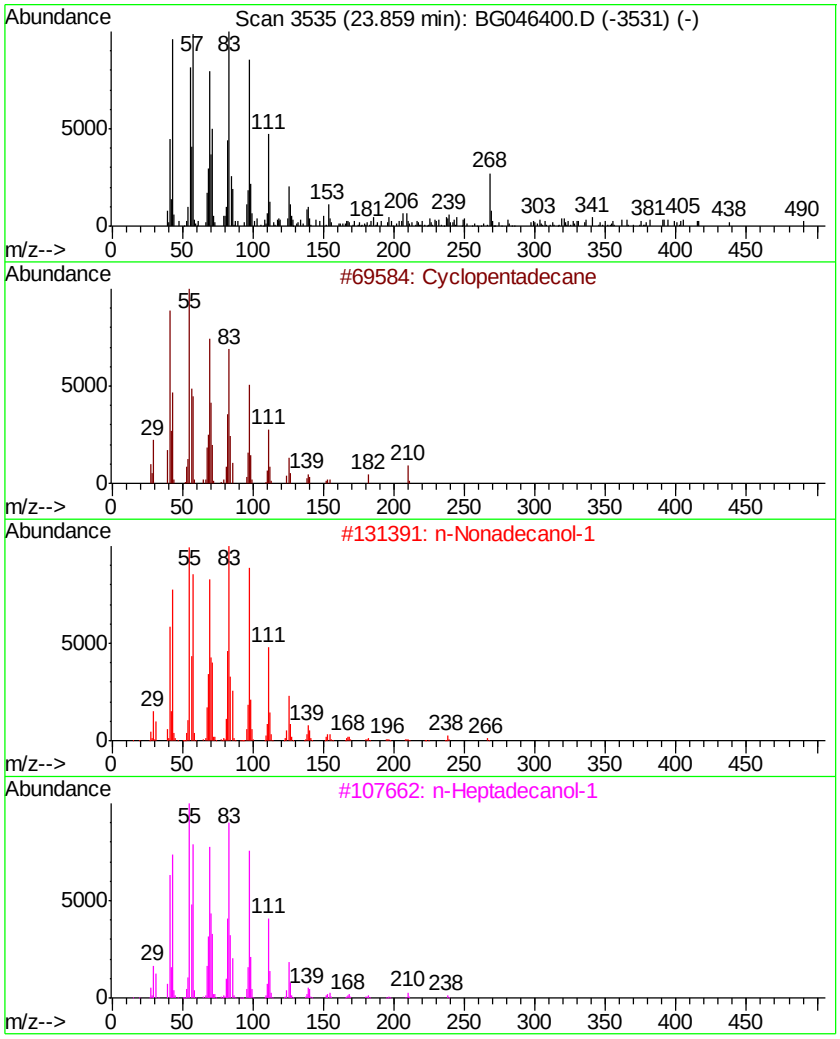
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

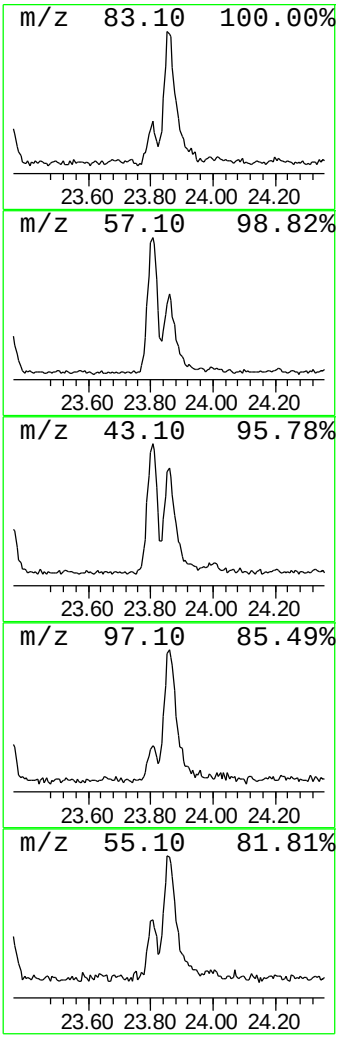
****

Peak Number 16 (DEL) Alkane: Cyclic23.86 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	2.72 ng/ul	203454	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
4	1-Octadecanol	270	C18H38O	000112-92-5	93
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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

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

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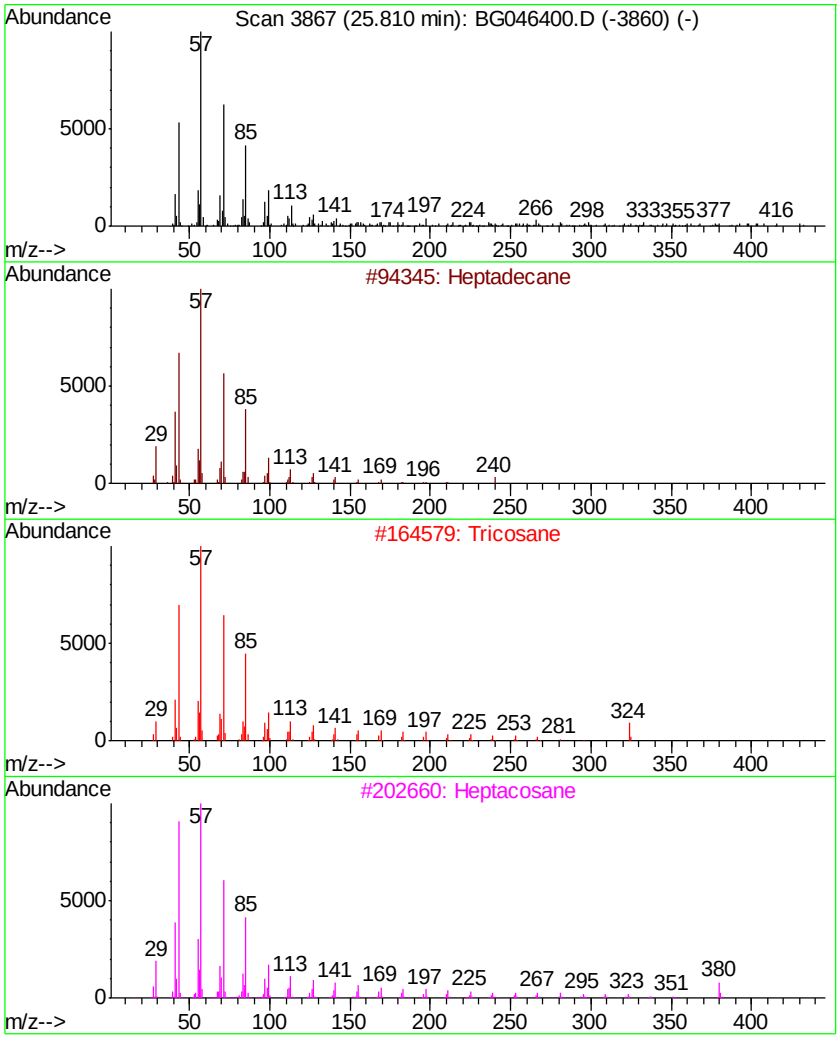
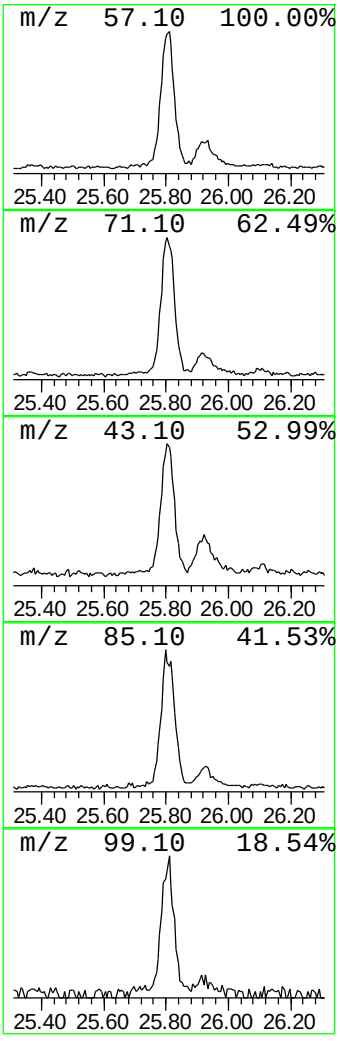
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	4.33 ng/ul	323419	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tricosane	324	C23H48	000638-67-5	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

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	104.4	ng/ul	2402510	1	7.94	460411	20.0
4H-Imidazol-4-one...	7.11	14.1	ng/ul	323717	1	7.94	460411	20.0
unknown-01	7.27	10.7	ng/ul	246050	1	7.94	460411	20.0
unknown-02	7.47	14.2	ng/ul	325919	1	7.94	460411	20.0
unknown-03	8.65	14.1	ng/ul	323733	1	7.94	460411	20.0
1H-Imidazole, 4-m...	9.09	13.9	ng/ul	319040	1	7.94	460411	20.0
unknown-04	9.82	7.7	ng/ul	273331	2	10.74	705842	20.0
unknown-05	10.87	9.6	ng/ul	336984	2	10.74	705842	20.0
Benzenamine, N,N-...	13.97	13.8	ng/ul	708518	3	14.57	1024280	20.0
Dimethyl phthalate	14.02	2.4	ng/ul	121283	3	14.57	1024280	20.0
unknown-06	14.77	4.8	ng/ul	245523	3	14.57	1024280	20.0
unknown-07	15.67	4.6	ng/ul	237332	3	14.57	1024280	20.0
Aldrin	18.72	4.8	ng/ul	296964	4	17.31	1247800	20.0
Dieldrin	20.03	25.2	ng/ul	2143570	5	21.56	1700100	20.0
(DEL) Alkane: Str...	21.22	4.8	ng/ul	412068	5	21.56	1700100	20.0
(DEL) Alkane: Cyc...	23.86	2.7	ng/ul	203454	6	24.67	1495580	20.0
(DEL) Alkane: Str...	25.81	4.3	ng/ul	323419	6	24.67	1495580	20.0