LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046422.D
Acq On : 21 Aug 2020 20:44
Operator : CG/JU
Sample : L3649-07
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX4

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	3.143	4	9	37	rVB	1538019	2580385	100.00%	8.926%
2	3.401	49	53	59	rVB2	9884	16240	0.63%	0.056%
3	3.825	121	125	131	rBV5	4817	7805	0.30%	0.027%
4	3.918	136	141	148	rVV	24590	37864	1.47%	0.131%
5	4.054	159	164	170	rVB2	14479	22162	0.86%	0.077%
6	4.148	175	180	184	rBV4	4284	6174	0.24%	0.021%
7	4.694	269	273	279	rVB6	3543	5427	0.21%	0.019%
8	5.052	329	334	342	rVB	10340	16705	0.65%	0.058%
9	5.146	346	350	357	rBV3	3296	6850	0.27%	0.024%
10	7.115	678	685	699	rVV	211584	384174	14.89%	1.329%
11	7.268	705	711	722	rBV	174935	294498	11.41%	1.019%
12	7.479	739	747	760	rBV	221225	395599	15.33%	1.368%
13	7.943	818	826	835	rBV	293618	497657	19.29%	1.721%
14	8.648	939	946	959	rBV	255096	461846	17.90%	1.598%
15	9.095	1014	1022	1035	rBV	211456	378908	14.68%	1.311%
16	9.817	1138	1145	1154	rBV	177140	320414	12.42%	1.108%
17	10.364	1227	1238	1247	rBV	281641	513628	19.91%	1.777%
18	10.740	1294	1302	1316	rBV	428062	774814	30.03%	2.680%
19	10.869	1316	1324	1335	rBV	222632	428607	16.61%	1.483%
20	12.320	1566	1571	1579	rBB3	4020	7199	0.28%	0.025%
21	13.184	1714	1718	1724	rVB3	3464	4609	0.18%	0.016%
22	13.472	1764	1767	1773	rVB2	3563	5243	0.20%	0.018%
23	13.971	1846	1852	1857	rVV	535745	791913	30.69%	2.739%
24	14.018	1857	1860	1868	rVB	80974	109089	4.23%	0.377%
25	14.259	1890	1901	1914	rBV	599793	985686	38.20%	3.410%
26	14.571	1947	1954	1961	rBV	727788	1118835	43.36%	3.870%
27	14.629	1961	1964	1970	rVB	6285	10034	0.39%	0.035%
28	14.776	1981	1989	2002	rBV	146223	288797	11.19%	0.999%
29	14.976	2018	2023	2031	rVV5	6202	13132	0.51%	0.045%
30	15.370	2089	2090	2096	rVV3	3300	4639	0.18%	0.016%
31	15.429	2096	2100	2107	rVB6	3518	5626	0.22%	0.019%
32	15.564	2115	2123	2129	rBV	843364	1257644	48.74%	4.350%
33	15.617	2129	2132	2137	rVV3	10715	16013	0.62%	0.055%
34	15.681	2137	2143	2152	rVV	148293	229103	8.88%	0.793%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3649-07
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX4

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	15.805	2157	2164	2173	rVV4	8948	20001	0.78%	0.069%
36	15.910	2177	2182	2189	rVB3	4662	8690	0.34%	0.030%
37	16.063	2202	2208	2214	rBV4	4737	10791	0.42%	0.037%
38	16.286	2243	2246	2250	rVV4	5679	9477	0.37%	0.033%
39	16.345	2254	2256	2261	rVB4	4523	6171	0.24%	0.021%
40	16.621	2299	2303	2304	rVV3	4022	4561	0.18%	0.016%
41	16.856	2334	2343	2347	rBV8	7124	12753	0.49%	0.044%
42	16.968	2357	2362	2366	rVV3	7747	14233	0.55%	0.049%
43	17.044	2370	2375	2377	rBV5	4177	6935	0.27%	0.024%
44	17.080	2379	2381	2382	rVV2	6196	5810	0.23%	0.020%
45	17.115	2383	2387	2396	rVB4	21449	38910	1.51%	0.135%
46	17.315	2413	2421	2426	rBV	872491	1367674	53.00%	4.731%
47	17.356	2426	2428	2432	rVV	120507	142589	5.53%	0.493%
48	17.414	2432	2438	2450	rVB	815734	1299675	50.37%	4.496%
49	17.508	2450	2454	2459	rVB3	7798	13367	0.52%	0.046%
50	17.567	2459	2464	2466	rBV5	10082	16931	0.66%	0.059%
51	17.708	2481	2488	2493	rVV3	12421	29216	1.13%	0.101%
52	17.820	2504	2507	2512	rVB7	8834	12391	0.48%	0.043%
53	17.884	2512	2518	2523	rBV9	11987	23907	0.93%	0.083%
54	17.990	2532	2536	2540	rVB6	4714	5718	0.22%	0.020%
55	18.114	2553	2557	2562	rVB5	26013	36627	1.42%	0.127%
56	18.190	2564	2570	2576	rBV2	193428	355212	13.77%	1.229%
57	18.237	2576	2578	2583	rVV2	42562	52646	2.04%	0.182%
58	18.319	2588	2592	2596	rVB	17078	23333	0.90%	0.081%
59	18.390	2598	2604	2607	rBV2	33632	65132	2.52%	0.225%
60	18.419	2607	2609	2613	rVB2	22340	28058	1.09%	0.097%
61	18.472	2614	2618	2621	rBV6	5855	9109	0.35%	0.032%
62	18.507	2621	2624	2626	rBV3	5847	6798	0.26%	0.024%
63	18.537	2626	2629	2633	rBV5	10786	14531	0.56%	0.050%
64	18.590	2633	2638	2641	rBV4	63163	106081	4.11%	0.367%
65	18.619	2641	2643	2648	rVB2	57675	68609	2.66%	0.237%
66	18.689	2651	2655	2658	rBV	18943	25173	0.98%	0.087%
67	18.742	2658	2664	2670	rVB5	31251	65901	2.55%	0.228%
68	18.813	2672	2676	2680	rBV7	12104	17465	0.68%	0.060%
69	18.877	2684	2687	2688	rBV3	11222	10060	0.39%	0.035%
70	18.907	2688	2692	2702	rVB3	51453	88362	3.42%	0.306%
71	18.989	2702	2706	2709	rBV2	36513	49479	1.92%	0.171%

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Operator : CG/JU
Sample : L3649-07
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX4

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

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Peak separation: 5

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

72	19.071	2715	2720	2724	rBV	140276	203274	7.88%	0.703%
73	19.112	2724	2727	2735	rVV6	40391	107294	4.16%	0.371%
74	19.189	2736	2740	2743	rVV4	59462	97035	3.76%	0.336%
75	19.242	2747	2749	2756	rVB5	39821	82453	3.20%	0.285%
76	19.330	2756	2764	2766	rBV4	85501	193339	7.49%	0.669%
77	19.365	2766	2770	2774	rVV	254066	360365	13.97%	1.247%
78	19.406	2774	2777	2783	rVB	161690	214416	8.31%	0.742%
79	19.471	2783	2788	2791	rBV	269369	363208	14.08%	1.256%
80	19.512	2791	2795	2800	rVB	635583	848201	32.87%	2.934%
81	19.565	2800	2804	2807	rBV6	24510	33625	1.30%	0.116%
82	19.700	2824	2827	2840	rVB2	1488196	2484802	96.30%	8.595%
83	19.806	2841	2845	2852	rVB3	62097	97928	3.80%	0.339%
84	19.917	2858	2864	2868	rBV2	81944	130332	5.05%	0.451%
85	19.964	2868	2872	2877	rVB	20810	31624	1.23%	0.109%
86	20.029	2879	2883	2887	rVV2	126568	181891	7.05%	0.629%
87	20.070	2887	2890	2894	rVB5	71393	94100	3.65%	0.326%
88	20.158	2901	2905	2908	rBV2	58908	94421	3.66%	0.327%
89	20.335	2931	2935	2939	rVB3	115809	146051	5.66%	0.505%
90	20.440	2947	2953	2957	rBV	420210	578414	22.42%	2.001%
91	20.523	2964	2967	2972	rVB2	87889	106096	4.11%	0.367%
92	20.640	2983	2987	2992	rBV	543200	743176	28.80%	2.571%
93	20.810	3013	3016	3019	rBV5	28822	39901	1.55%	0.138%
94	20.975	3040	3044	3049	rVB	41044	62699	2.43%	0.217%
95	21.069	3056	3060	3067	rVB7	84862	156758	6.07%	0.542%
96	21.228	3083	3087	3095	rVB3	278136	432639	16.77%	1.497%
97	21.563	3136	3144	3149	rBV2	997473	1834884	71.11%	6.347%
98	23.695	3502	3507	3513	rBV3	90517	232024	8.99%	0.803%
99	24.465	3630	3638	3645	rBV	499144	1208739	46.84%	4.181%
100	24.677	3665	3674	3692	rBV3	519072	1679503	65.09%	5.810%

Sum of corrected areas: 28908887

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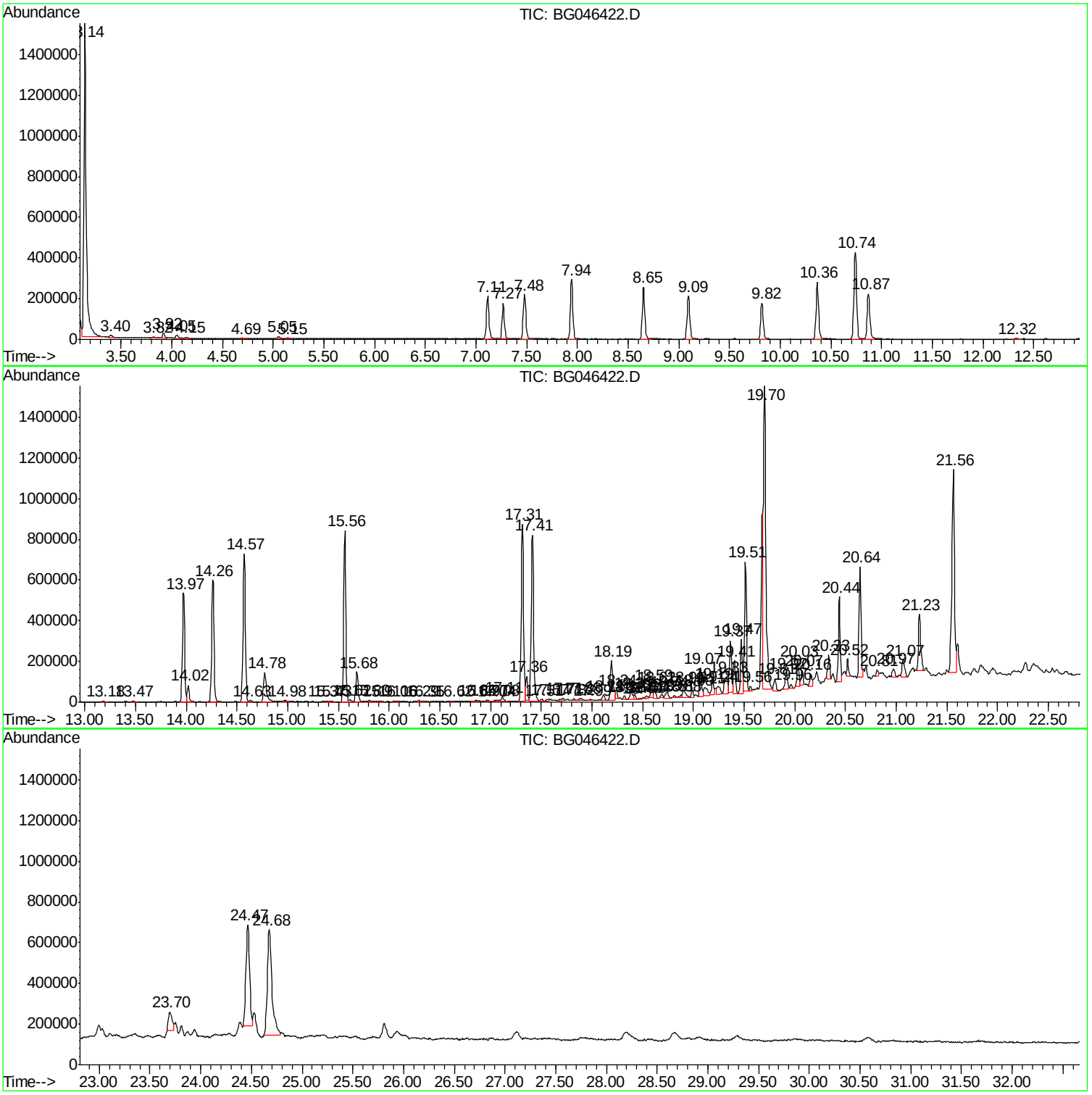
Sample : L3649-07
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMX4

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

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Misc :
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Instrument : BNA_G
ClientSampleId : BFMX4

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

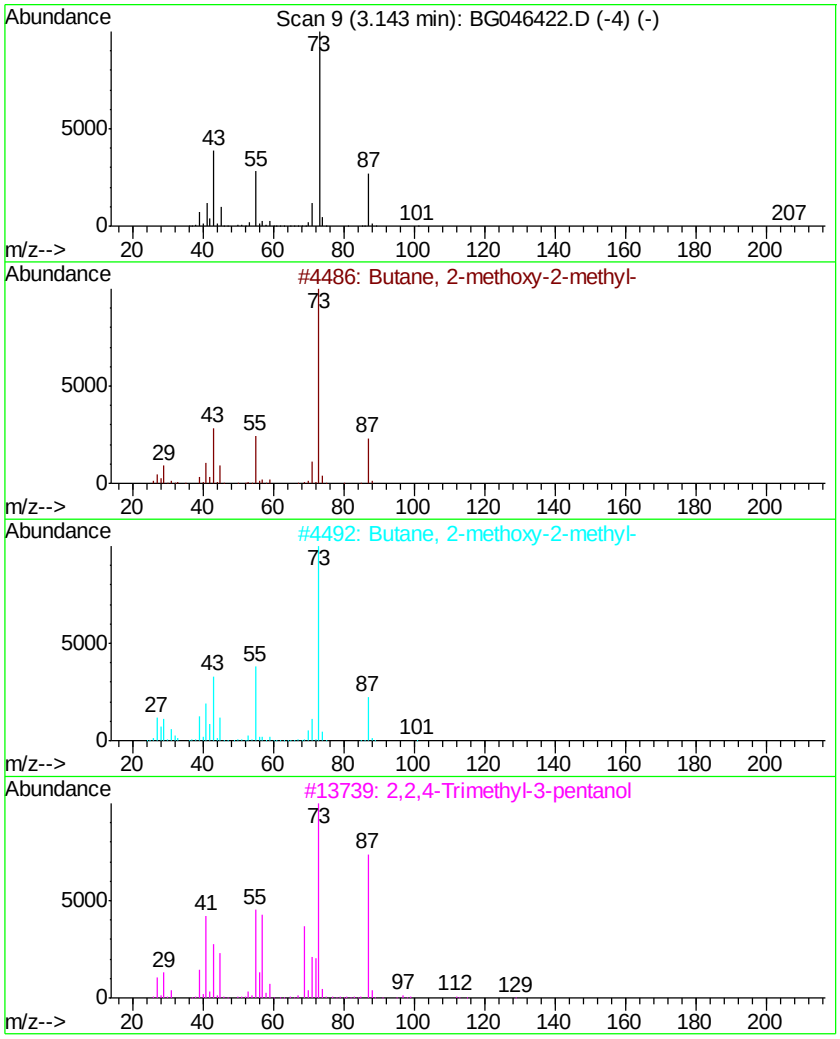
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

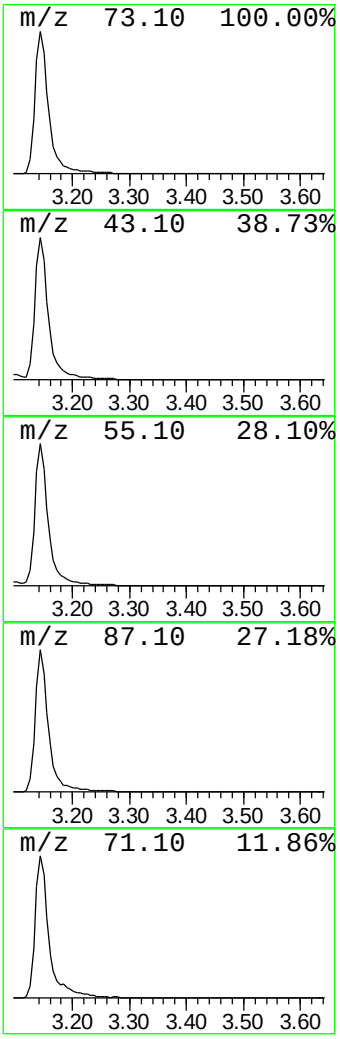
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	103.70 ng/ul	2580390	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 : BG046422.D
Acq On : 21 Aug 2020 20:44
Operator : CG/JU
Sample : L3649-07
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX4

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

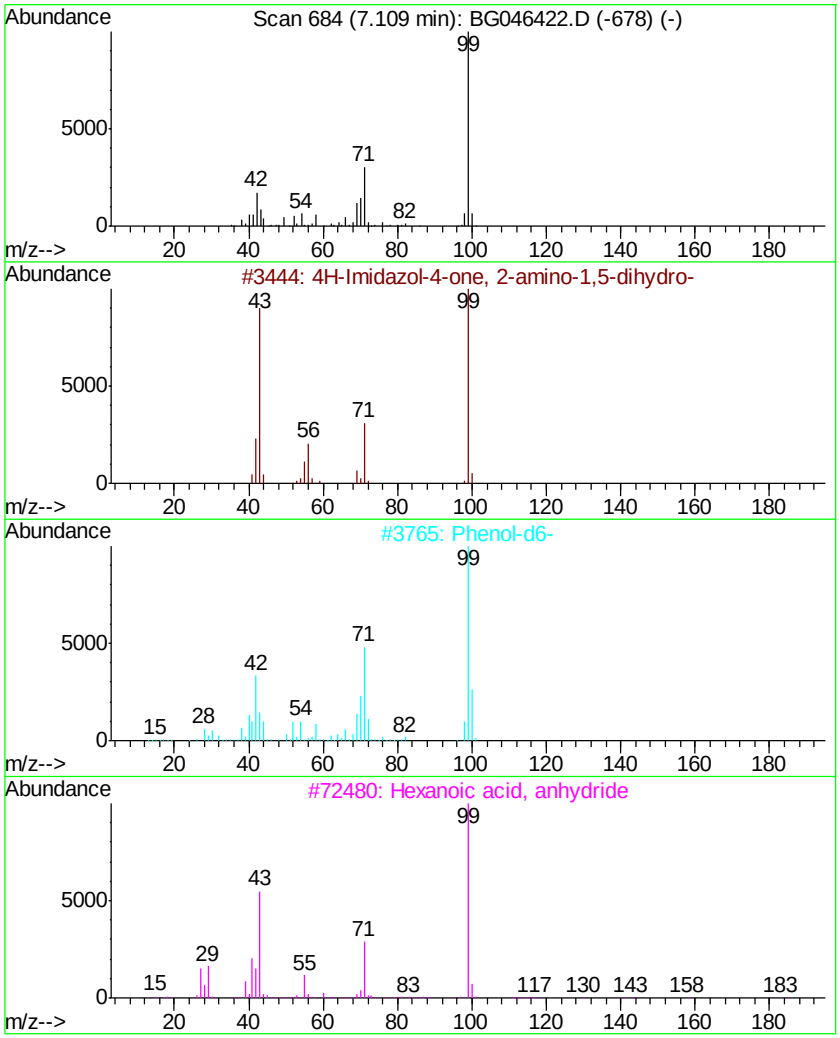
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

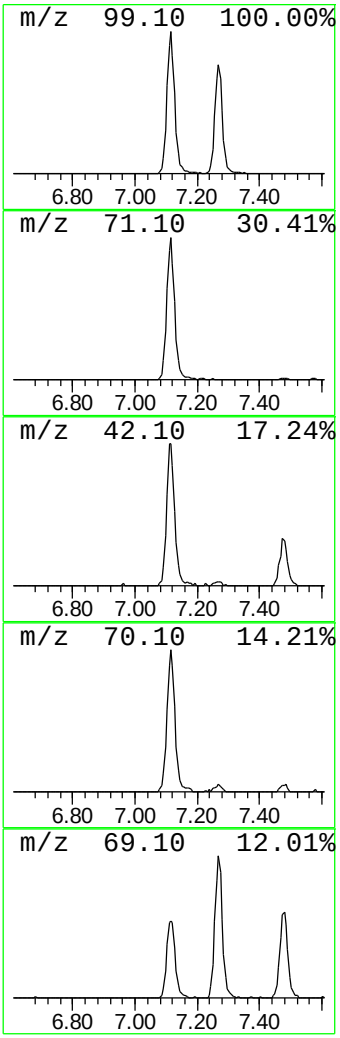
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	15.44 ng/ul	384174	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	72
2	Phenol-d6-	100	C6D6O	013127-88-3	64
3	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
5	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	45





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Instrument : BNA_G
ClientSampleId : BFMX4

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

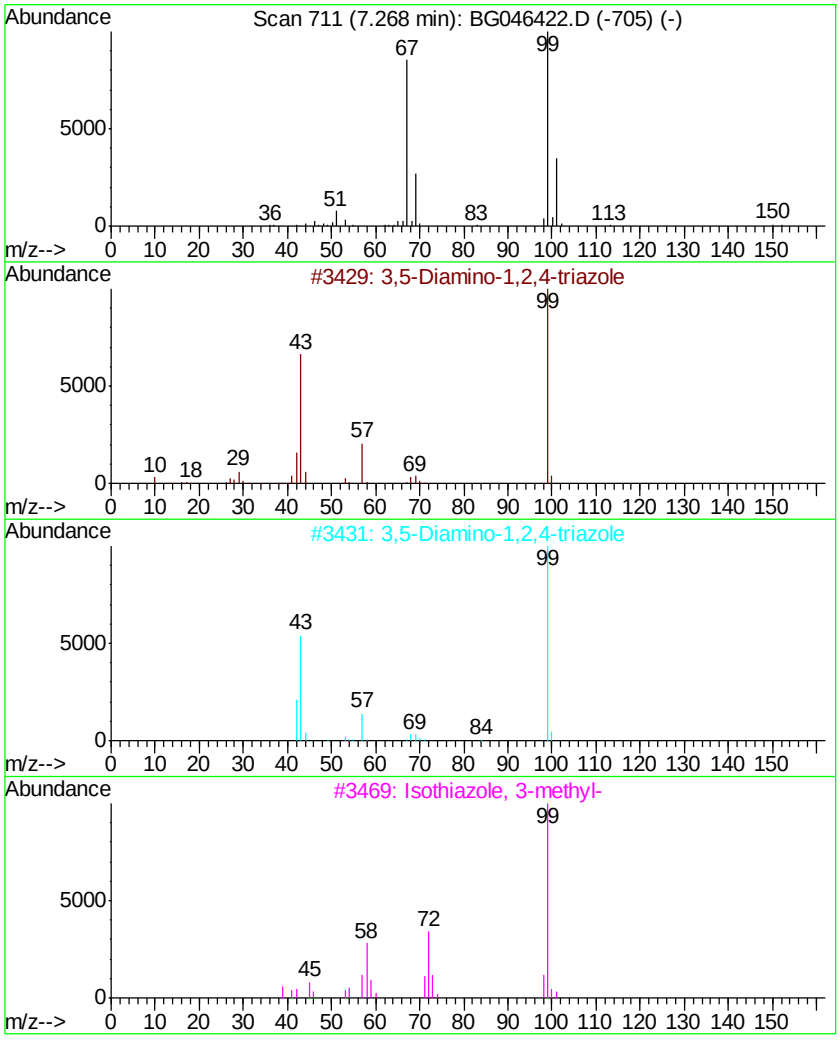
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

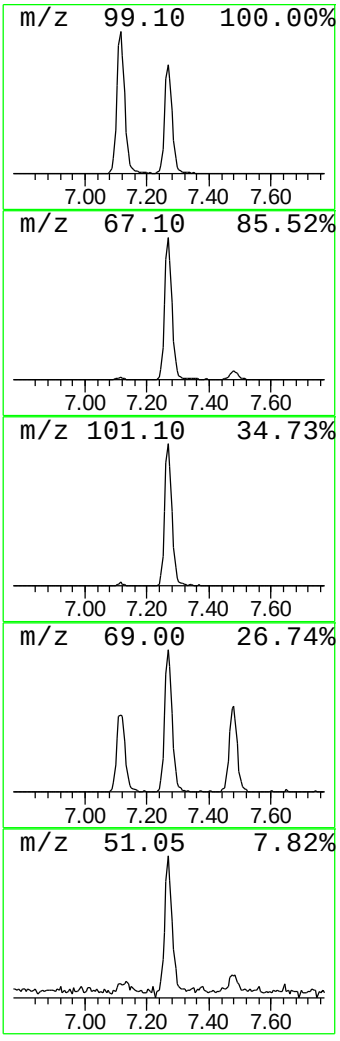
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	11.84 ng/ul	294498	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
2	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
4	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
5	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9





Library Search Compound Report

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ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX4

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

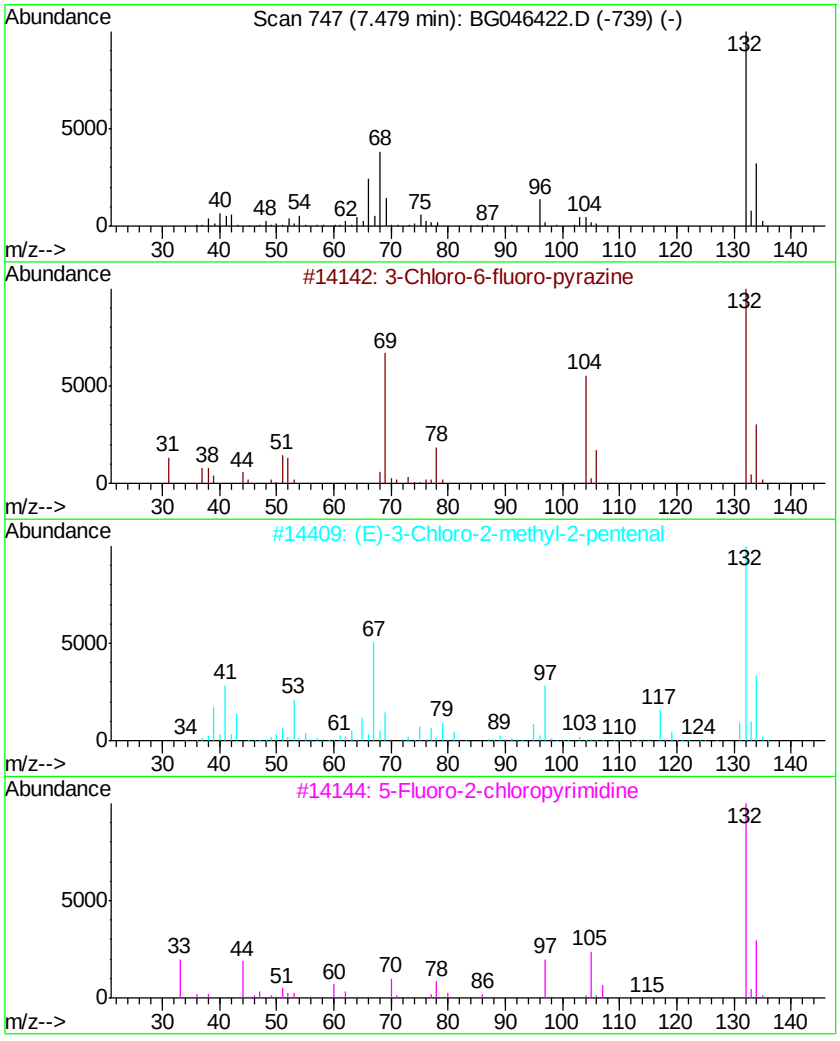
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

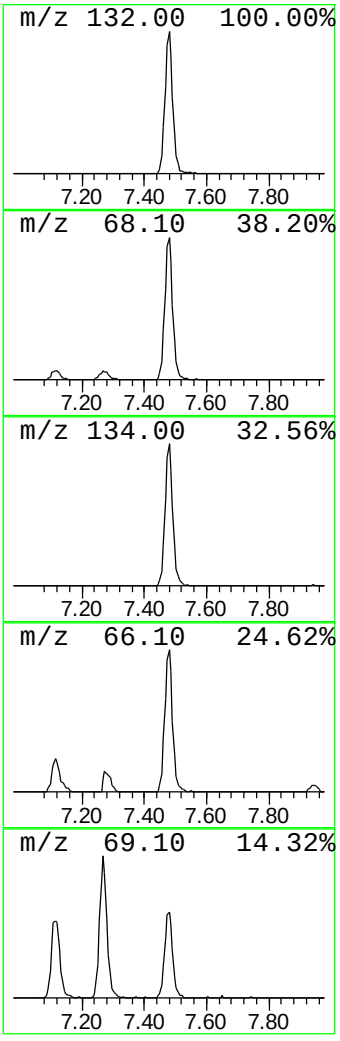
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	15.90 ng/ul	395599	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	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Data File : BG046422.D
Acq On : 21 Aug 2020 20:44
Operator : CG/JU
Sample : L3649-07
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX4

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

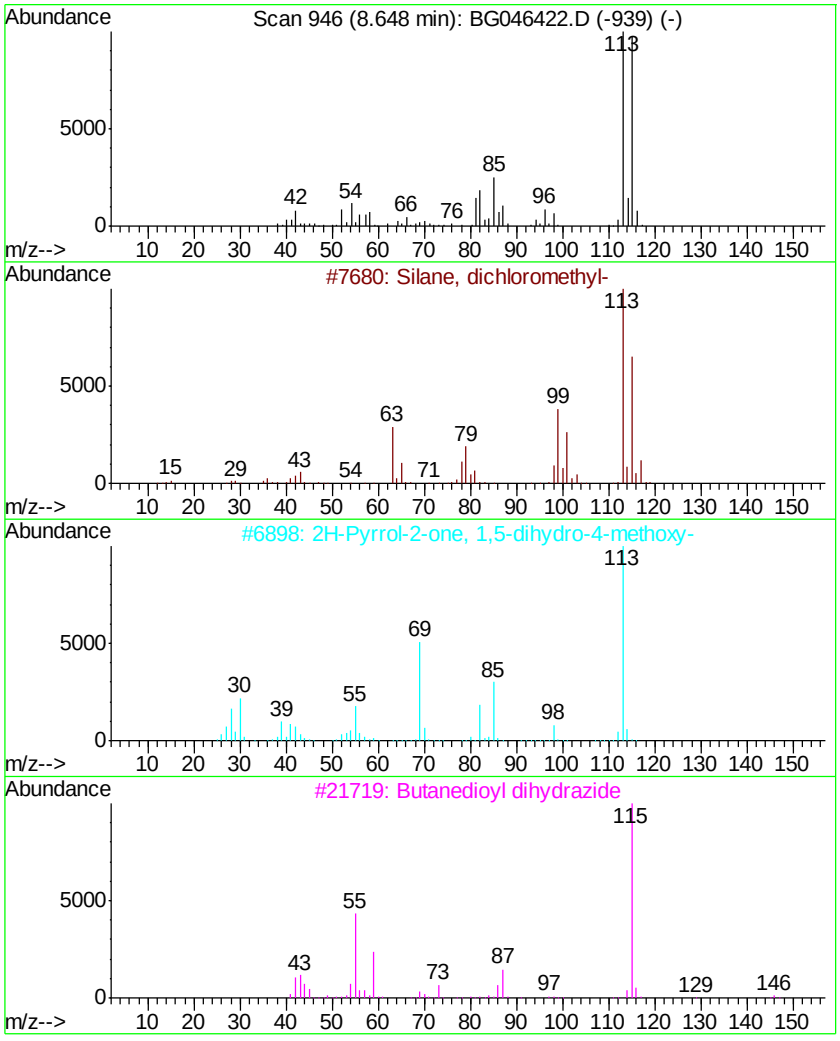
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

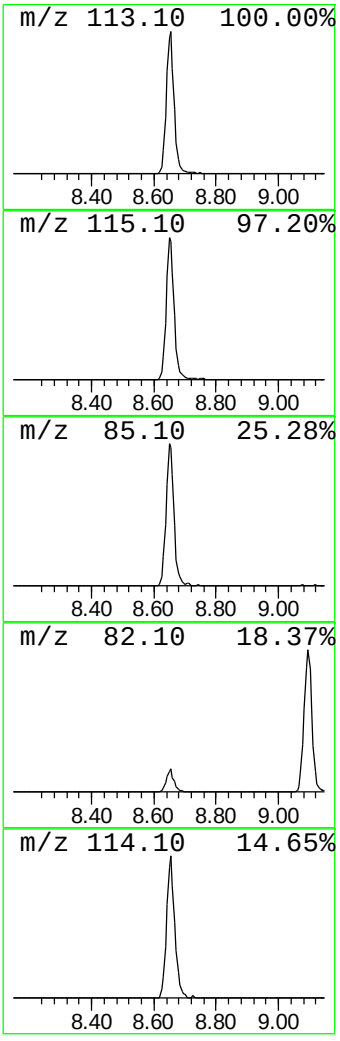
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	18.56 ng/ul	461846	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	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	25
4	Piperidine-2,5-dione	113	C5H7NO2	052065-78-8	23
5	6-Hydroxy-5-(3-methyl-butyl)-2-(...	403	C21H29N3O3S	1000317-62-4	17





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Acq On : 21 Aug 2020 20:44
Operator : CG/JU
Sample : L3649-07
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX4

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Quant Title : SVOA CALIBRATION

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

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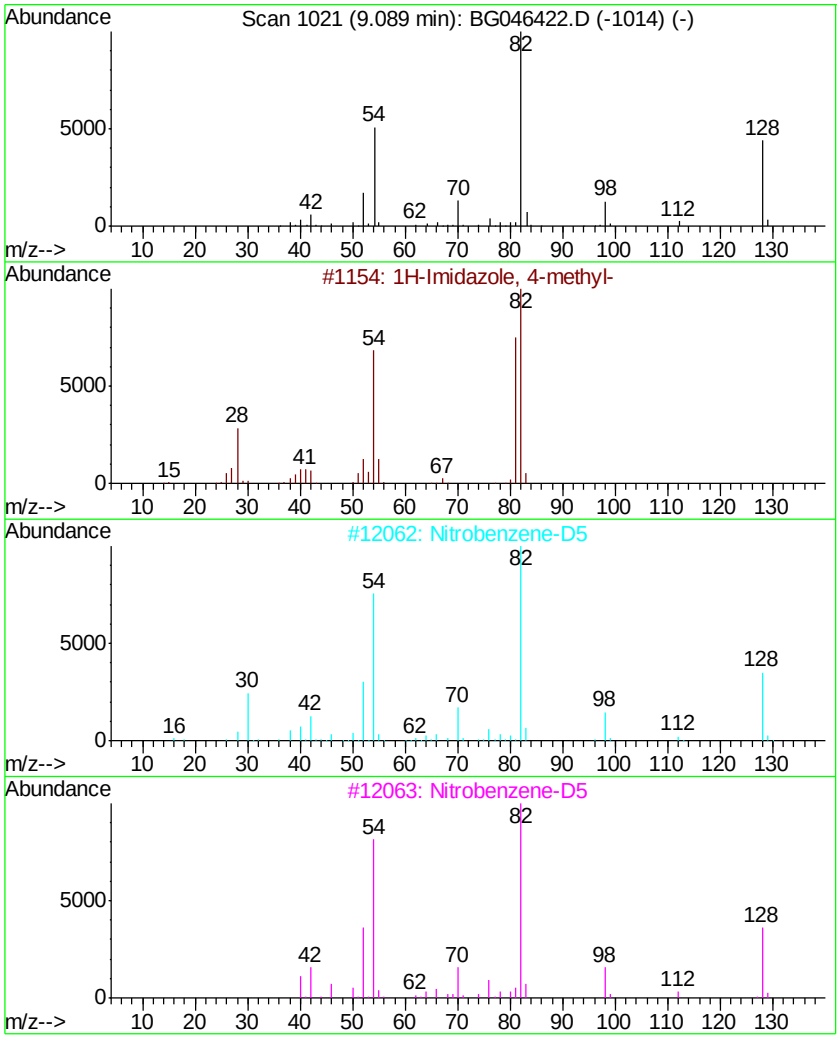
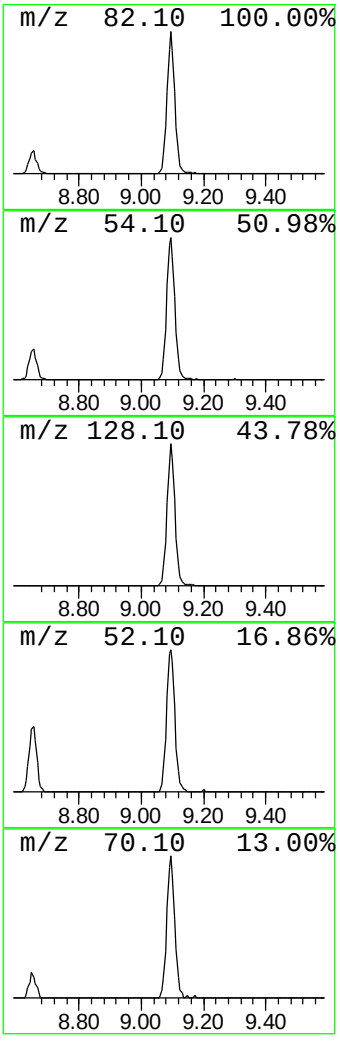
Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	15.23 ng/ul	378908	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	47
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	43
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	40
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38





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Quant Title : SVOA CALIBRATION

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

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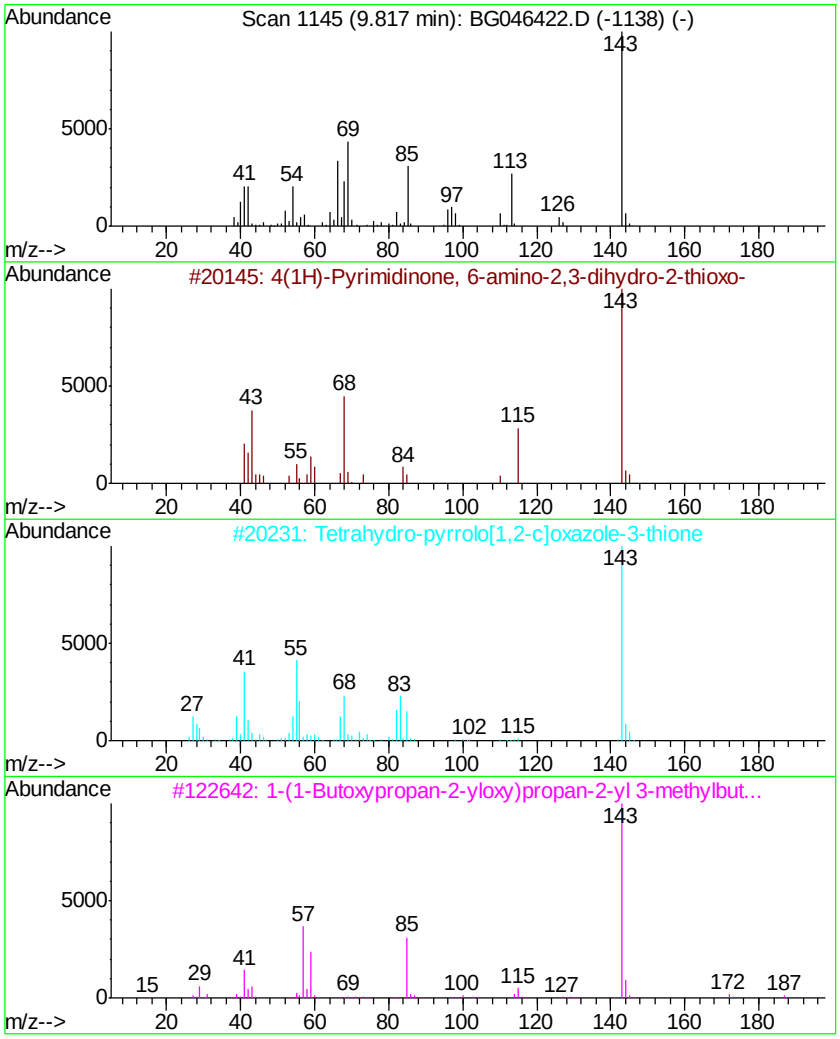
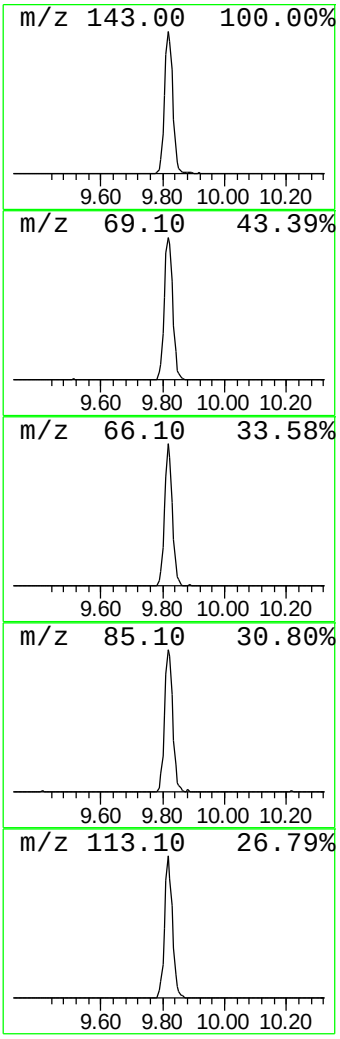
Peak Number 7 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	8.27 ng/ul	320414	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	25
2	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
3	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12
5	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12





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Quant Title : SVOA CALIBRATION

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

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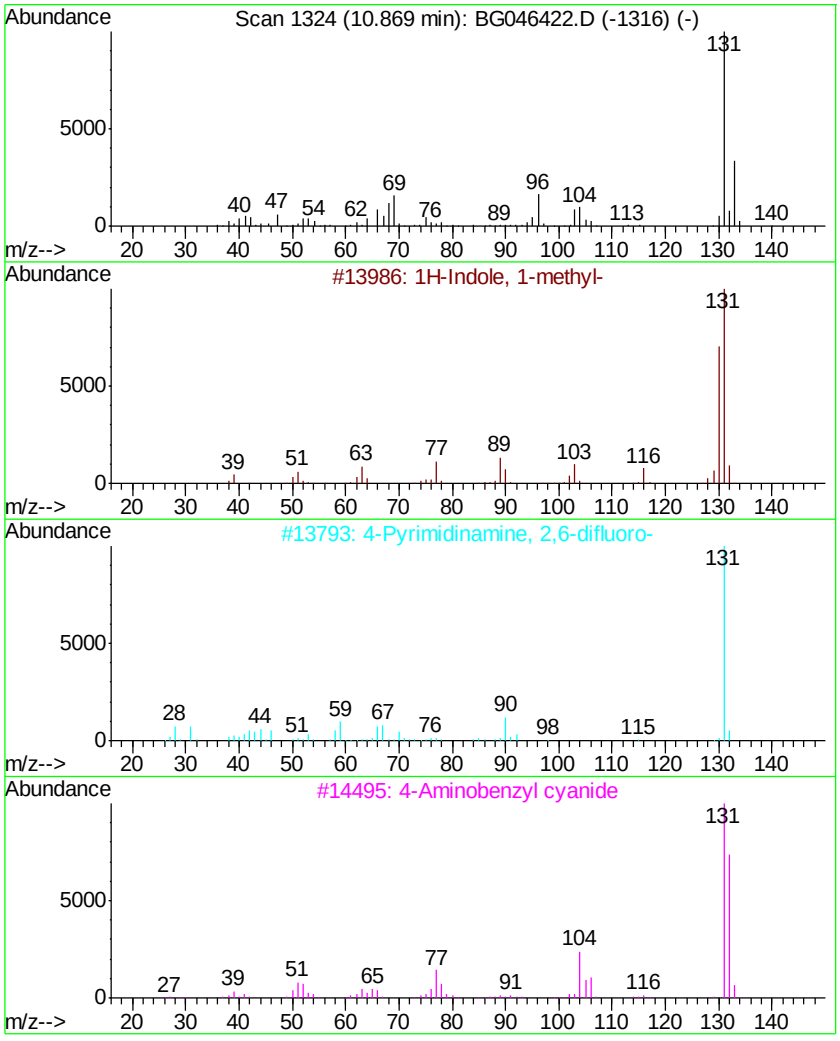
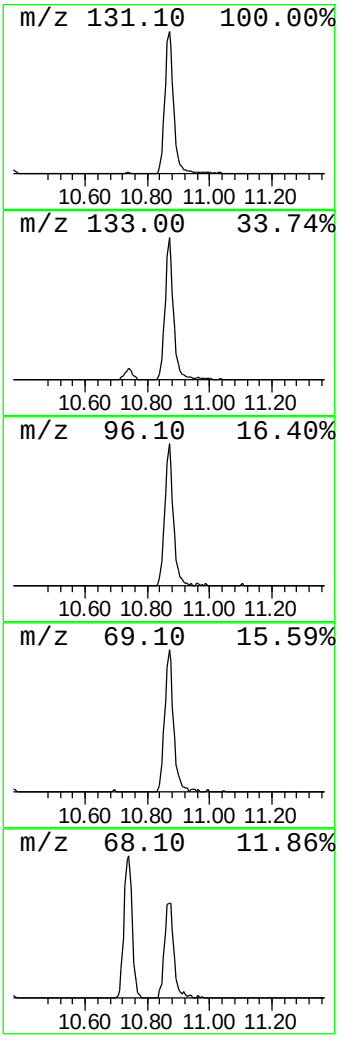
Peak Number 8 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	11.06 ng/ul	428607	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
2	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
3	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	9
4	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	9
5	4-Methyltetrahydro-1,3-oxazine-2...	131	C5H9NOS	014760-60-2	7





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Operator : CG/JU
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Instrument : BNA_G
ClientSampleId : BFMX4

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Quant Title : SVOA CALIBRATION

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

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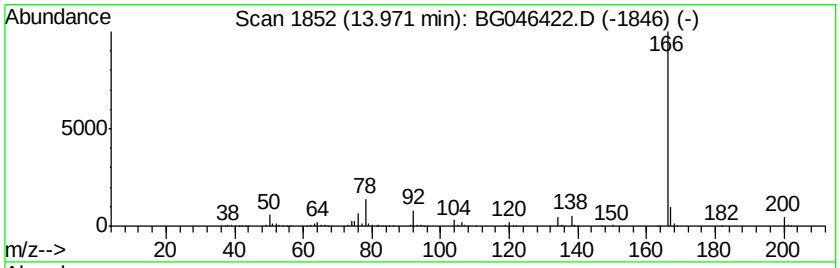
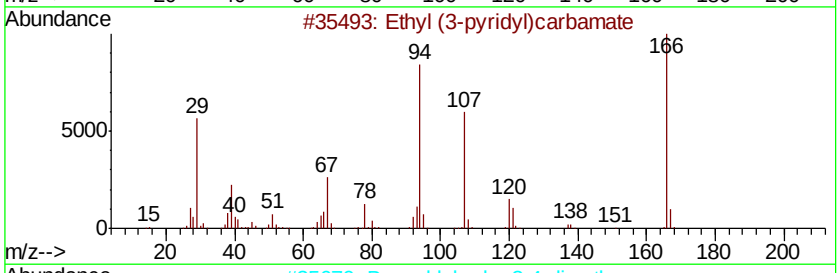
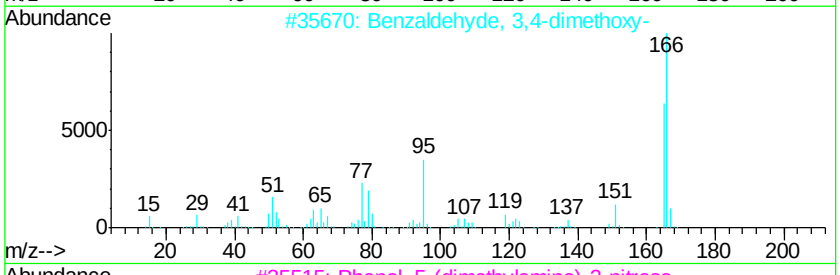
Peak Number 9 unknown-06 Concentration Rank 6

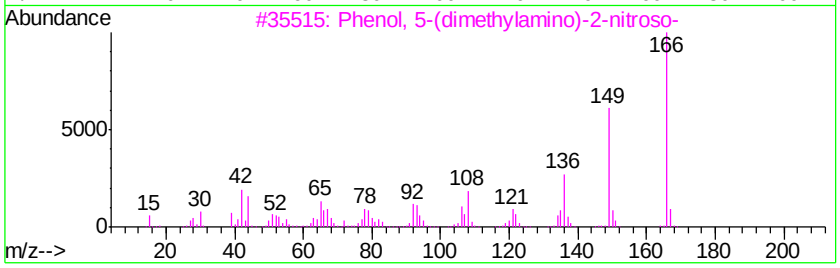
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	14.16 ng/ul	791913	Acenaphthene-d10	14.57

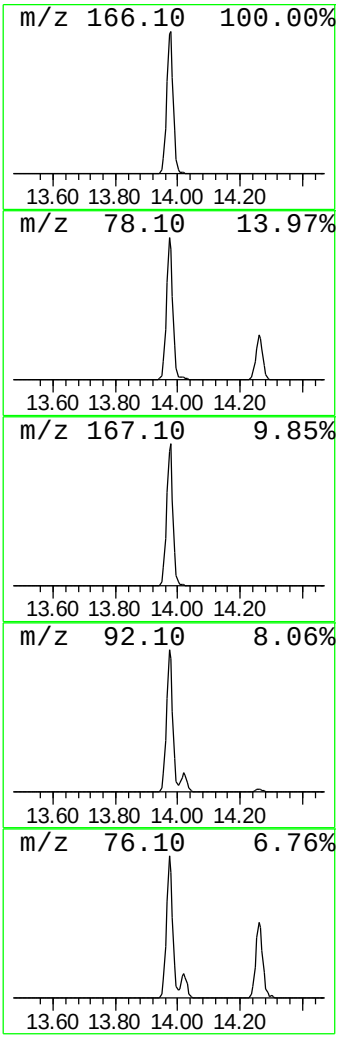
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
2	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	38
3	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	38
4	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36











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Misc :
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ClientSampleId : BFMX4

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Quant Title : SVOA CALIBRATION

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

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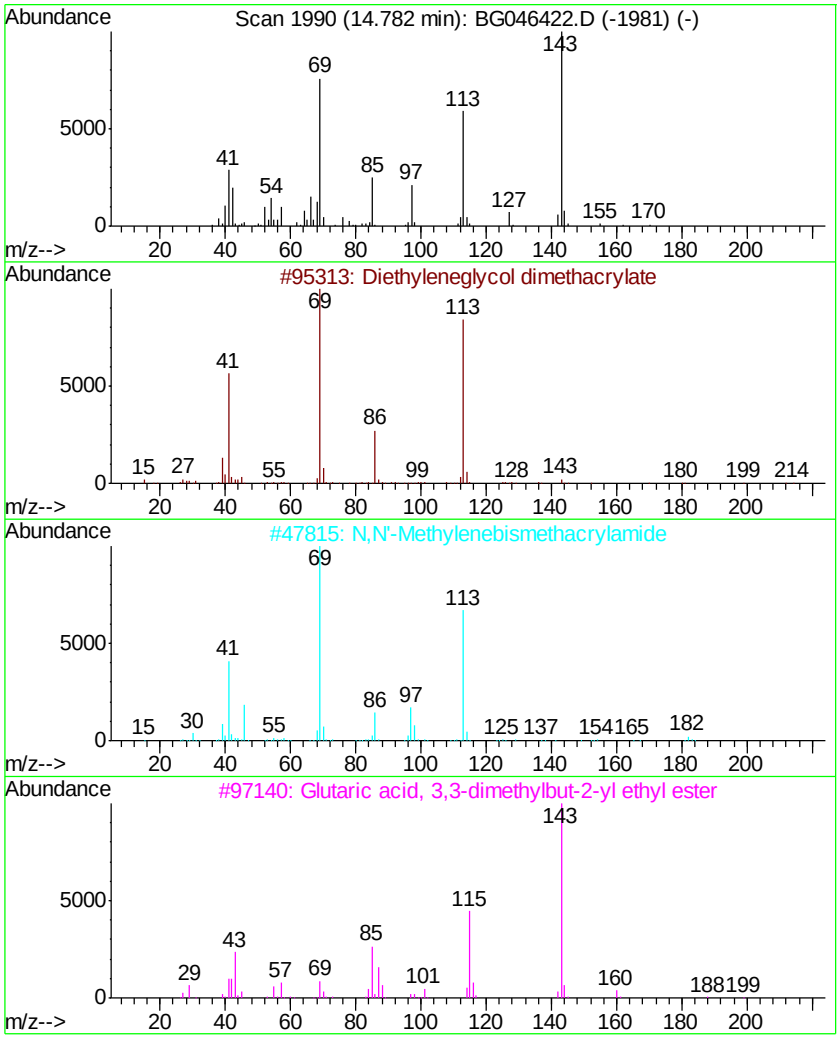
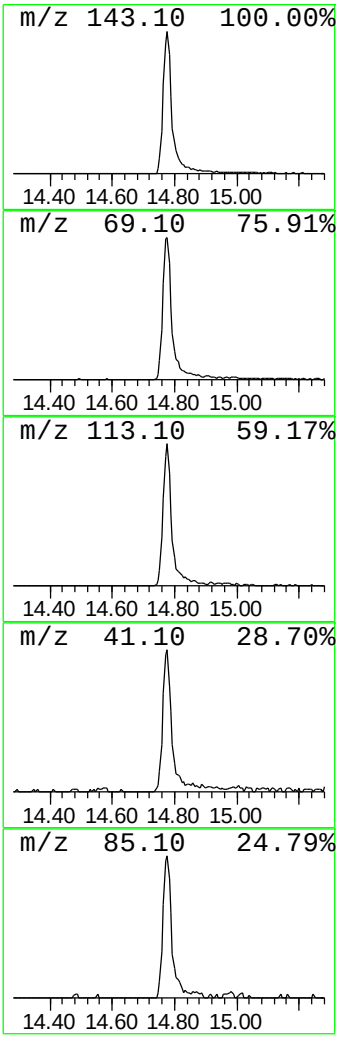
Peak Number 10 unknown-07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	5.16 ng/ul	288797	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	35
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
3	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	25
4	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	22
5	2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	17





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ClientSampleId : BFMX4

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Quant Title : SVOA CALIBRATION

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

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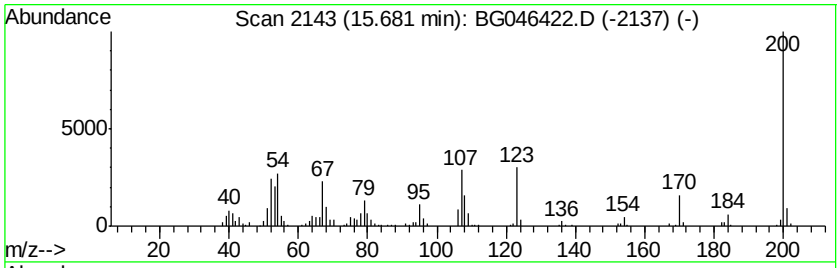
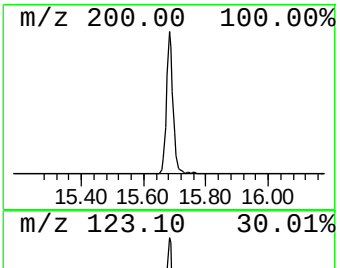
Peak Number 11 unknown-08 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	4.10 ng/ul	229103	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	38
2	7,8-Dimethylfurazano[f]quinoxaline	200	C10H8N4O	1000110-74-6	22
3	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	10
4	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	10
5	Anthracene, 1,2,3,4,5,6,7,8-octa...	200	C15H20	1000159-30-4	9





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Quant Title : SVOA CALIBRATION

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

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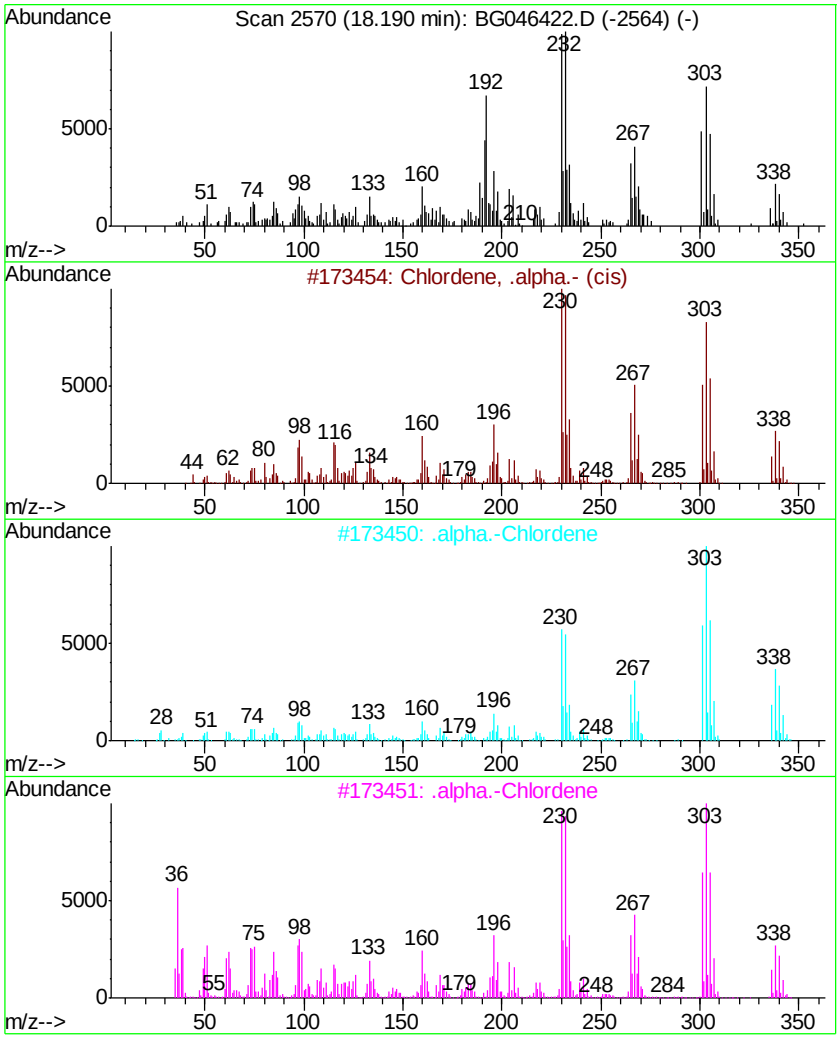
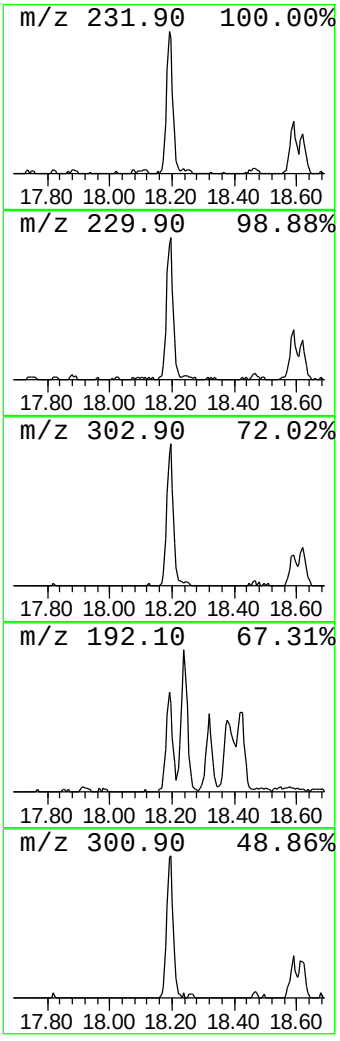
Peak Number 12 Chlordene, .alpha.- (cis) Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	5.19 ng/ul	355212	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlordene, .alpha.- (cis)	336	C10H6Cl6	1000378-50-5	99
2	.alpha.-Chlordene	336	C10H6Cl6	056534-02-2	99
3	.alpha.-Chlordene	336	C10H6Cl6	056534-02-2	95
4	.alpha.-Chlordene	336	C10H6Cl6	056534-02-2	95
5	Chlordene, .gamma.-	336	C10H6Cl6	1000378-50-6	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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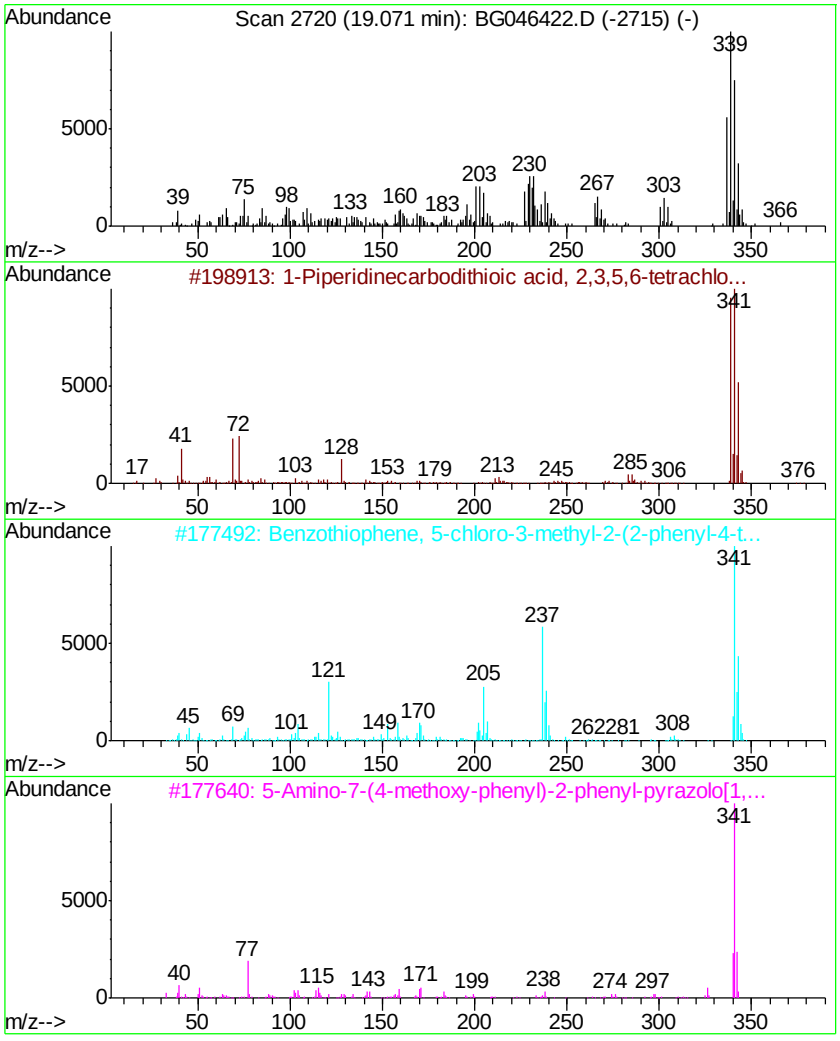
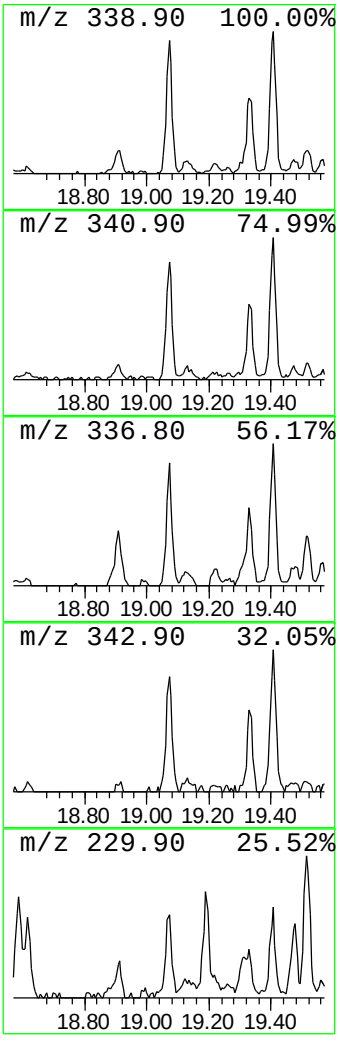
Peak Number 13 unknown-09 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.97 ng/ul	203274	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Piperidinecarbodithioic acid, ...	374	C11H10Cl4N2S2	1000305-28-9	32
2	Benzothiophene, 5-chloro-3-methy...	341	C18H12ClNS2	1000270-14-7	30
3	5-Amino-7-(4-methoxy-phenyl)-2-p...	341	C20H15N5O	1000294-65-4	14
4	Butanamide, N-(1-naphthyl)-2,2,3...	339	C14H8F7NO	1000307-28-3	14
5	3-(6-Methyl-3-pyridyl)-1,5-di(p-...	341	C23H23N3	010040-66-1	14





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Quant Title : SVOA CALIBRATION

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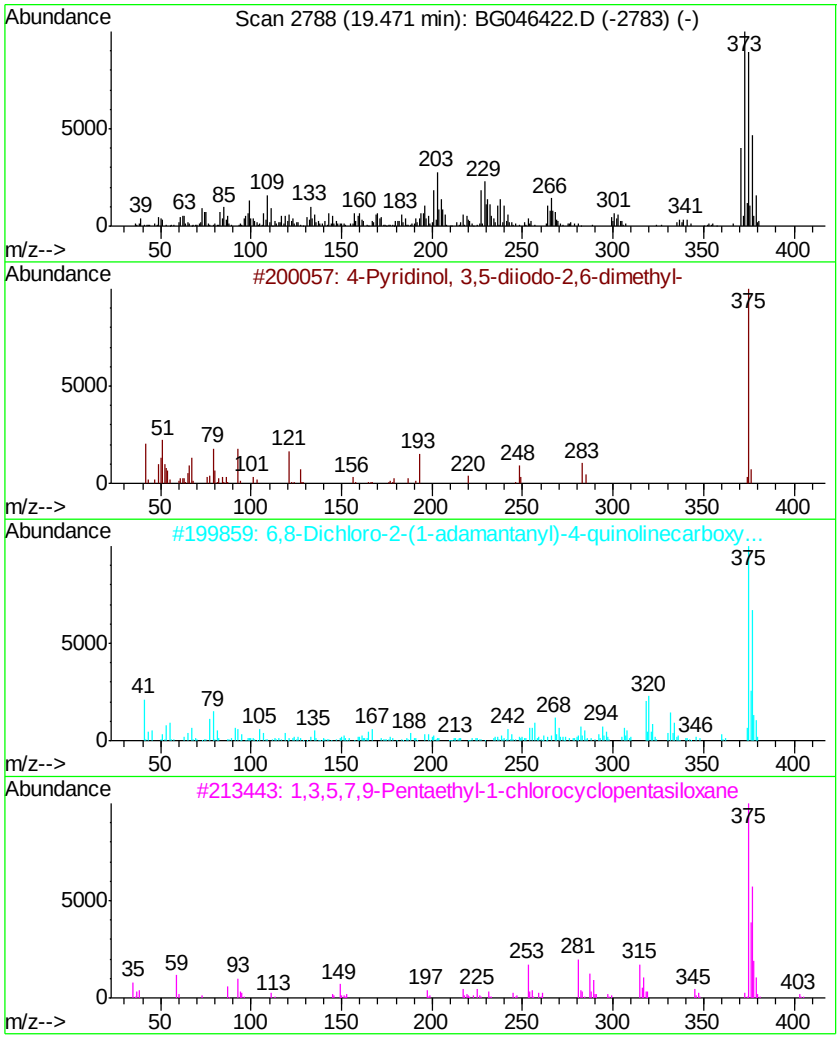
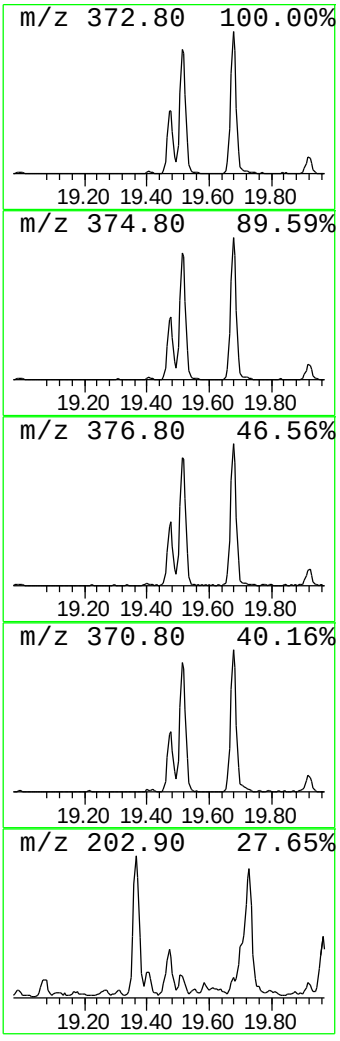
Peak Number 14 unknown-10 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	3.96 ng/ul	363208	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyridinol, 3,5-diiodo-2,6-dime...	375	C7H7I2NO	004563-30-8	18
2	6,8-Dichloro-2-(1-adamantanyl)-4...	375	C20H19Cl2NO2	049647-91-8	17
3	1,3,5,7,9-Pentaethyl-1-chlorocyc...	404	C10H29ClO5Si5	073420-28-7	13
4	4-Morpholinecarbodithioic acid, ...	410	C11H8Cl3F3N2OS2	1000305-31-7	12
5	1-Piperidinecarbodithioic acid, ...	408	C12H10Cl3F3N2S2	1000305-31-5	12





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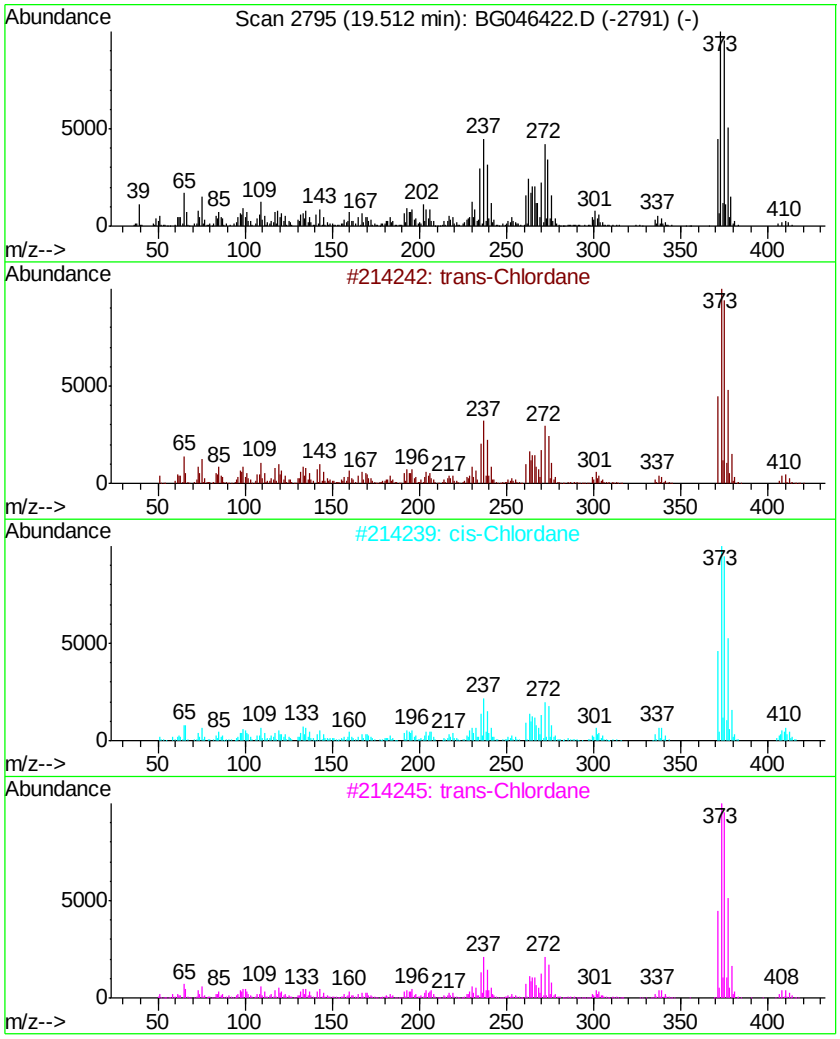
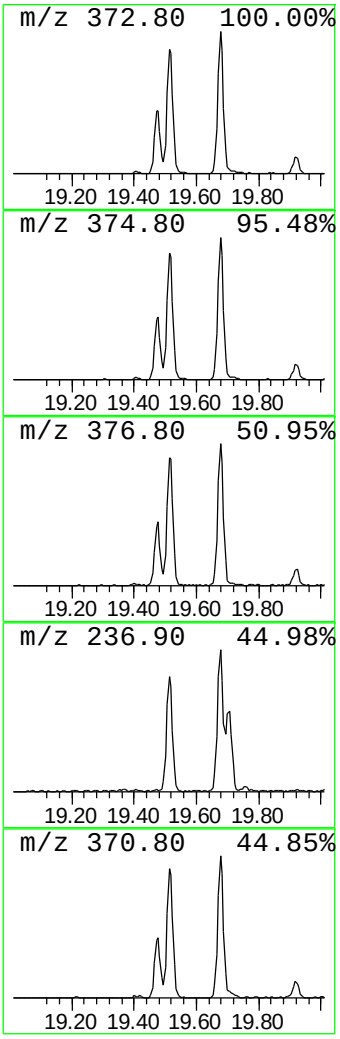
Peak Number 15 trans-Chlordane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	9.25 ng/ul	848201	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Chlordane	406	C10H6Cl8	005103-74-2	99
2	cis-Chlordane	406	C10H6Cl8	005103-71-9	99
3	trans-Chlordane	406	C10H6Cl8	005103-74-2	99
4	4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	96
5	trans-Chlordane	406	C10H6Cl8	005103-74-2	95





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Misc :
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ClientSampleId : BFMX4

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Quant Title : SVOA CALIBRATION

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

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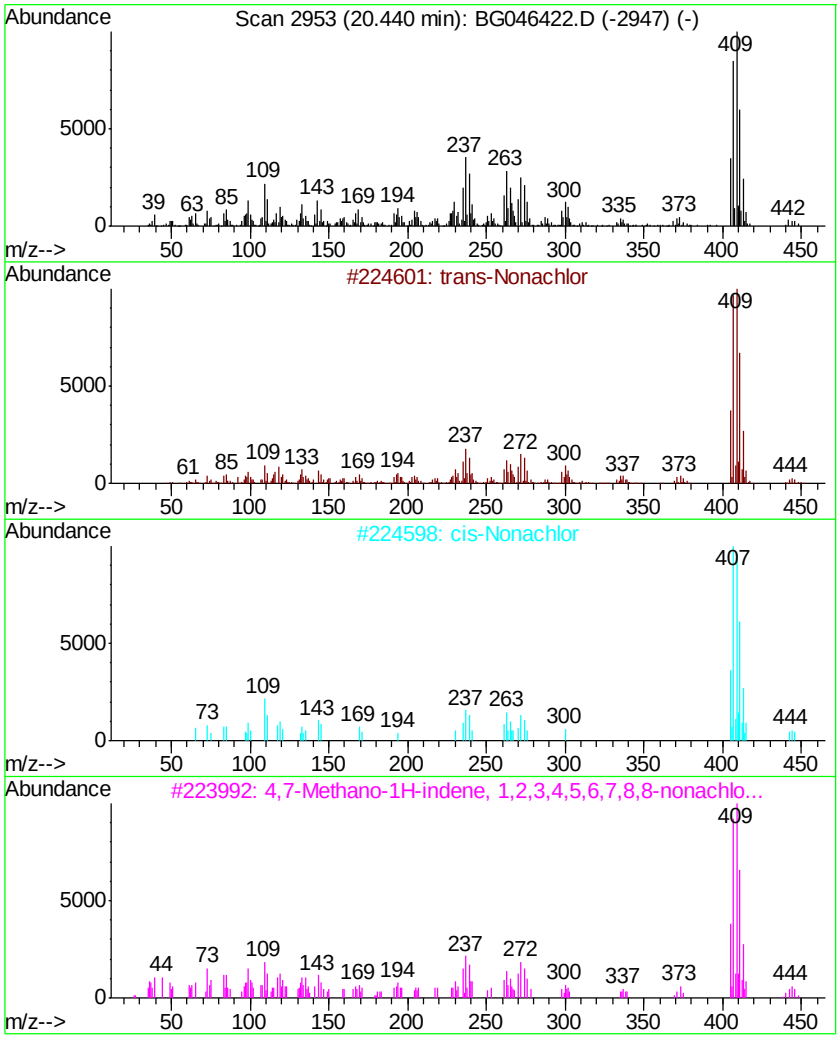
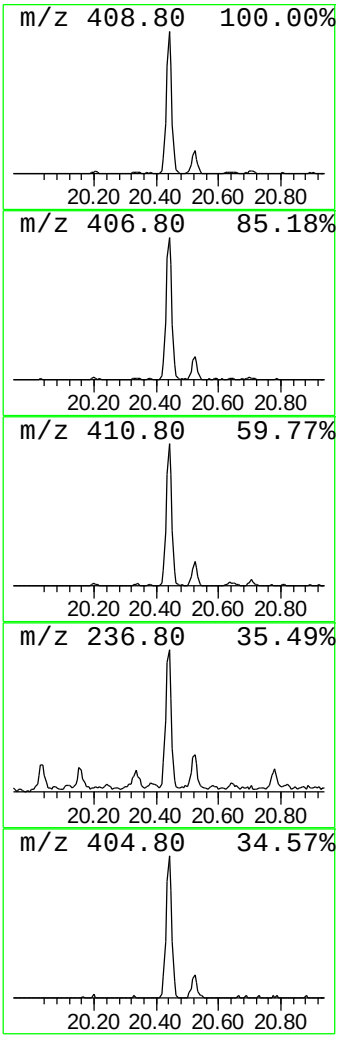
Peak Number 16 trans-Nonachlor Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	6.30 ng/ul	578414	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Nonachlor	440	C10H5Cl9	039765-80-5	99
2	cis-Nonachlor	440	C10H5Cl9	005103-73-1	99
3	4,7-Methano-1H-indene, 1,2,3,4,5...	438	C10H3Cl9	021641-70-3	99
4	trans-Nonachlor	440	C10H5Cl9	039765-80-5	99
5	cis-Nonachlor	440	C10H5Cl9	005103-73-1	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046422.D
Acq On : 21 Aug 2020 20:44
Operator : CG/JU
Sample : L3649-07
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX4

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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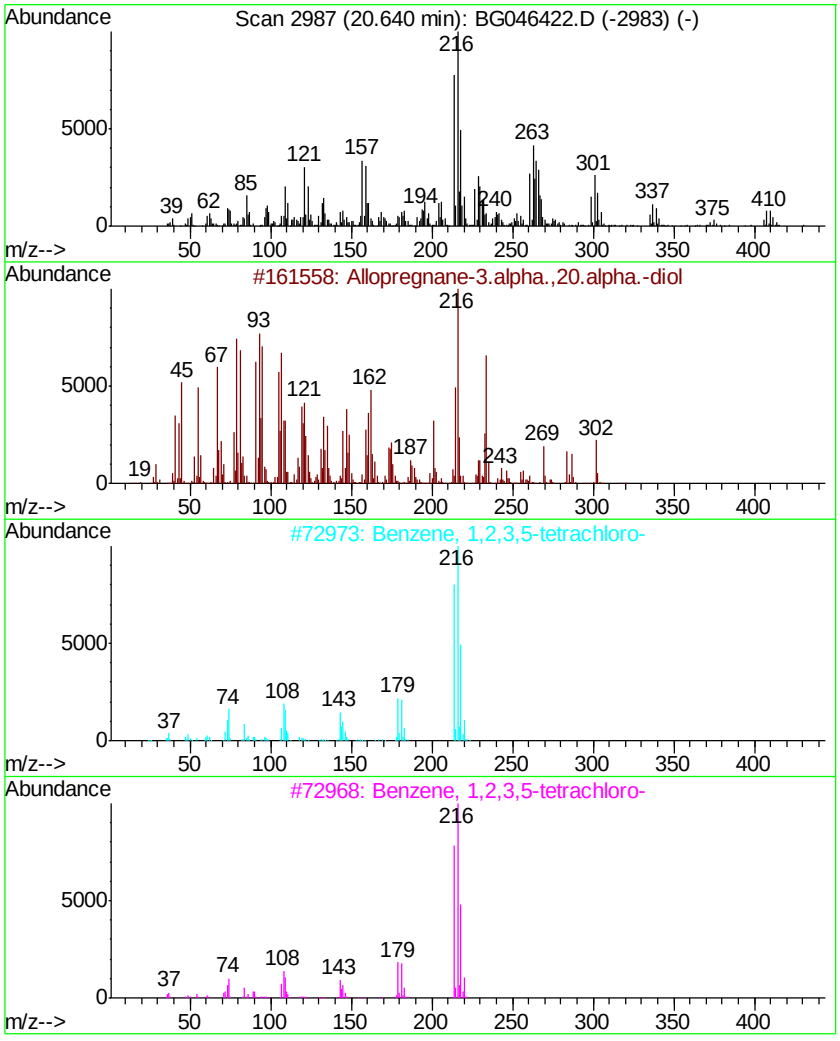
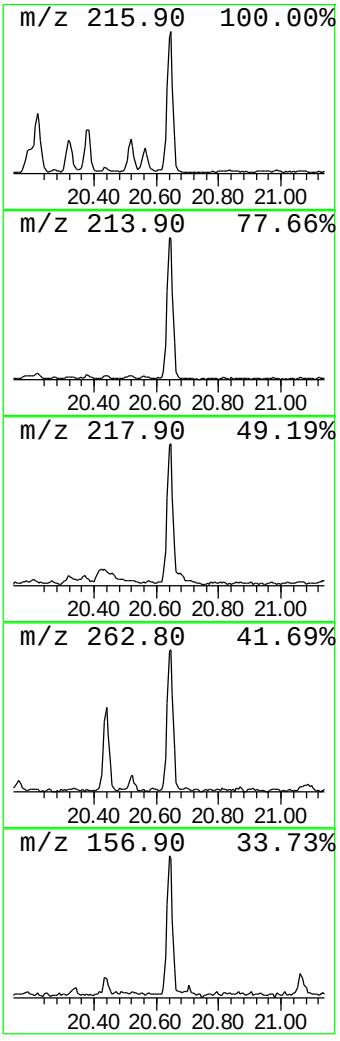
Peak Number 17 Allopregnane-3.alpha.,20.al... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	8.10 ng/ul	743176	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	90
2	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	55
3	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	55
4	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	55
5	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046422.D
Acq On : 21 Aug 2020 20:44
Operator : CG/JU
Sample : L3649-07
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX4

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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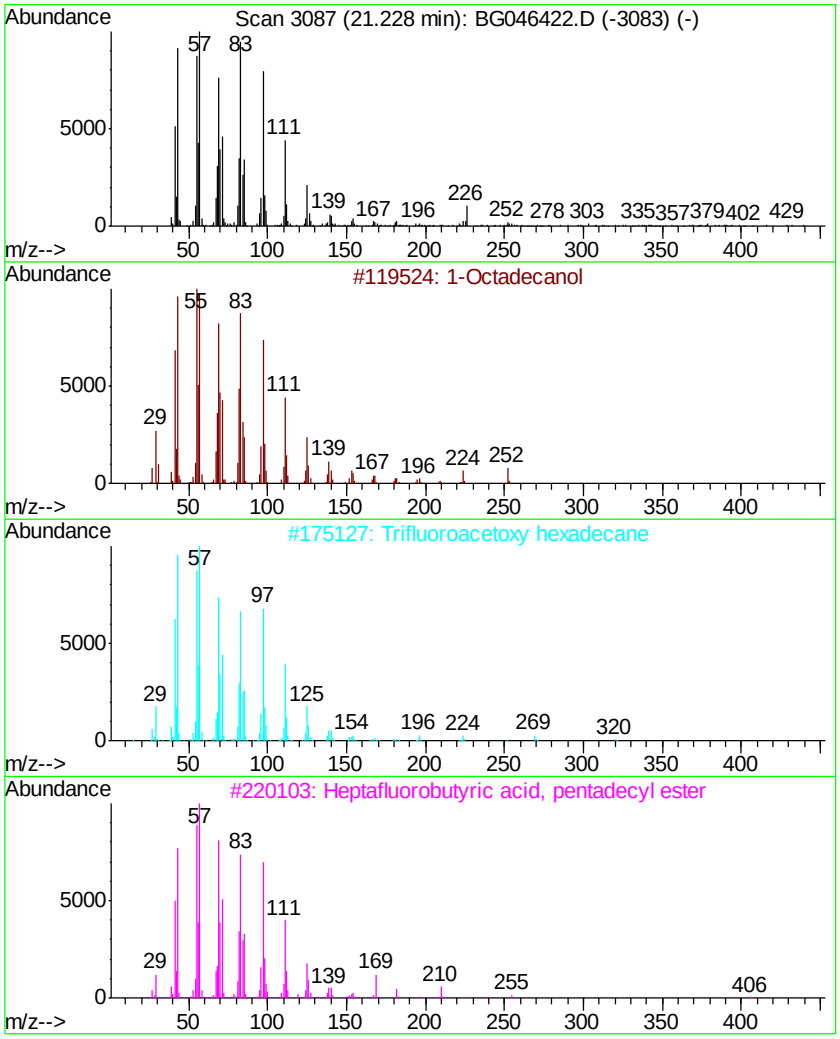
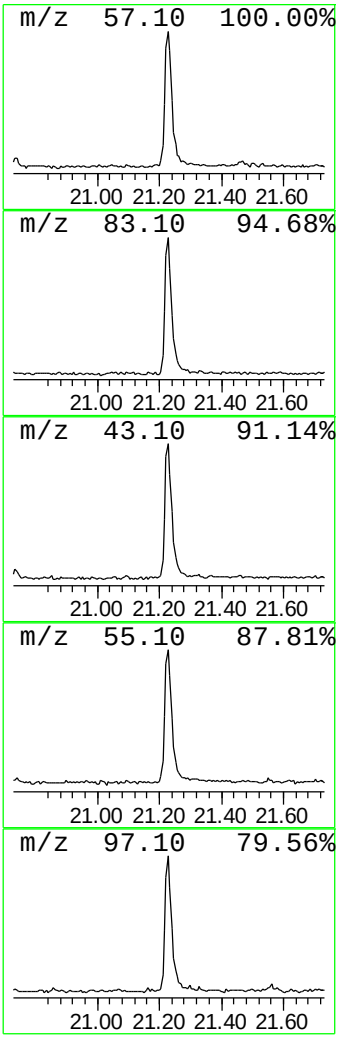
Peak Number 18 1-Octadecanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.72 ng/ul	432639	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046422.D
Acq On : 21 Aug 2020 20:44
Operator : CG/JU
Sample : L3649-07
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX4

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	103.7	ng/ul	2580390	1	7.94	497657	20.0
4H-Imidazol-4-one...	7.11	15.4	ng/ul	384174	1	7.94	497657	20.0
unknown-01	7.27	11.8	ng/ul	294498	1	7.94	497657	20.0
unknown-02	7.48	15.9	ng/ul	395599	1	7.94	497657	20.0
unknown-03	8.65	18.6	ng/ul	461846	1	7.94	497657	20.0
1H-Imidazole, 4-m...	9.09	15.2	ng/ul	378908	1	7.94	497657	20.0
unknown-04	9.82	8.3	ng/ul	320414	2	10.74	774814	20.0
unknown-05	10.87	11.1	ng/ul	428607	2	10.74	774814	20.0
unknown-06	13.97	14.2	ng/ul	791913	3	14.57	1118840	20.0
unknown-07	14.78	5.2	ng/ul	288797	3	14.57	1118840	20.0
unknown-08	15.68	4.1	ng/ul	229103	3	14.57	1118840	20.0
Chlordene, .alpha...	18.19	5.2	ng/ul	355212	4	17.31	1367670	20.0
unknown-09	19.07	3.0	ng/ul	203274	4	17.31	1367670	20.0
unknown-10	19.47	4.0	ng/ul	363208	5	21.56	1834880	20.0
trans-Chlordane	19.51	9.3	ng/ul	848201	5	21.56	1834880	20.0
trans-Nonachlor	20.44	6.3	ng/ul	578414	5	21.56	1834880	20.0
Allopregnane-3.al...	20.64	8.1	ng/ul	743176	5	21.56	1834880	20.0
1-Octadecanol	21.23	4.7	ng/ul	432639	5	21.56	1834880	20.0