LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046420.D
Acq On : 21 Aug 2020 19:23
Operator : CG/JU
Sample : L3649-01
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

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	35	rVB	1412234	2372237	100.00%	9.873%
2	3.401	49	53	59	rVB3	8586	15588	0.66%	0.065%
3	3.825	118	125	129	rBV4	6751	12945	0.55%	0.054%
4	3.919	137	141	150	rVV	29902	48862	2.06%	0.203%
5	3.995	151	154	158	rVV3	5441	6819	0.29%	0.028%
6	4.054	158	164	173	rVB	11937	22987	0.97%	0.096%
7	4.148	174	180	186	rBV	43886	69829	2.94%	0.291%
8	4.465	229	234	241	rBV	26820	41095	1.73%	0.171%
9	4.694	269	273	283	rVB5	4203	6610	0.28%	0.028%
10	5.058	329	335	340	rBV2	11226	19896	0.84%	0.083%
11	5.152	346	351	356	rBV3	4835	9349	0.39%	0.039%
12	5.975	485	491	496	rBV5	1912	3989	0.17%	0.017%
13	7.115	678	685	700	rBV	132293	239693	10.10%	0.998%
14	7.268	704	711	721	rBV	114492	195984	8.26%	0.816%
15	7.479	741	747	758	rBV	143789	253785	10.70%	1.056%
16	7.567	758	762	769	rVB5	2847	5966	0.25%	0.025%
17	7.943	819	826	835	rBV	290150	489637	20.64%	2.038%
18	8.654	940	947	957	rBV2	87084	158253	6.67%	0.659%
19	9.095	1015	1022	1036	rBV	145759	258832	10.91%	1.077%
20	9.818	1138	1145	1154	rBV	116784	212492	8.96%	0.884%
21	10.364	1229	1238	1253	rBV	171815	321528	13.55%	1.338%
22	10.740	1294	1302	1313	rBV	429563	750260	31.63%	3.122%
23	10.869	1316	1324	1336	rBV	137236	262366	11.06%	1.092%
24	12.320	1567	1571	1576	rBV2	2970	4551	0.19%	0.019%
25	12.397	1580	1584	1589	rVB5	2863	4078	0.17%	0.017%
26	13.407	1751	1756	1762	rVB5	2161	4086	0.17%	0.017%
27	13.466	1762	1766	1773	rBV6	2483	6097	0.26%	0.025%
28	13.895	1834	1839	1844	rVB3	4238	7184	0.30%	0.030%
29	13.971	1844	1852	1857	rBV	352475	526599	22.20%	2.192%
30	14.018	1857	1860	1867	rVB	45822	63815	2.69%	0.266%
31	14.259	1894	1901	1916	rBV	403860	650450	27.42%	2.707%
32	14.571	1946	1954	1962	rBV2	691862	1085486	45.76%	4.518%
33	14.630	1962	1964	1970	rVB	12584	16296	0.69%	0.068%
34	14.776	1980	1989	2000	rBV	79766	165096	6.96%	0.687%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3649-01
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

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	14.970	2017	2022	2029	rVB2	10143	17758	0.75%	0.074%
36	15.370	2086	2090	2092	rBV4	2554	3897	0.16%	0.016%
37	15.564	2115	2123	2129	rBV	551837	823487	34.71%	3.427%
38	15.617	2129	2132	2138	rVV2	23460	34568	1.46%	0.144%
39	15.681	2138	2143	2150	rVV	73373	114445	4.82%	0.476%
40	15.805	2157	2164	2167	rBV5	5719	9829	0.41%	0.041%
41	15.910	2178	2182	2189	rVB	5836	10142	0.43%	0.042%
42	16.063	2202	2208	2216	rVB2	6842	12885	0.54%	0.054%
43	16.292	2243	2247	2251	rBV4	4620	6137	0.26%	0.026%
44	16.592	2293	2298	2300	rBV5	4253	6157	0.26%	0.026%
45	16.621	2300	2303	2308	rVV5	7009	10507	0.44%	0.044%
46	16.674	2308	2312	2317	rVB4	3115	4803	0.20%	0.020%
47	16.856	2338	2343	2347	rBV	22672	32986	1.39%	0.137%
48	16.897	2347	2350	2352	rVB3	4378	4869	0.21%	0.020%
49	16.968	2356	2362	2369	rVB3	12312	22555	0.95%	0.094%
50	17.050	2371	2376	2377	rBV2	5867	7883	0.33%	0.033%
51	17.115	2382	2387	2398	rVB3	36244	70308	2.96%	0.293%
52	17.315	2415	2421	2425	rBV	859207	1274377	53.72%	5.304%
53	17.356	2425	2428	2432	rVB	188969	247740	10.44%	1.031%
54	17.414	2432	2438	2442	rBV	513776	758616	31.98%	3.157%
55	17.503	2450	2453	2459	rVB3	7855	11722	0.49%	0.049%
56	17.561	2459	2463	2464	rBV4	7264	7836	0.33%	0.033%
57	17.714	2482	2489	2494	rBV3	14993	30696	1.29%	0.128%
58	17.761	2494	2497	2501	rVV6	6421	8929	0.38%	0.037%
59	17.826	2504	2508	2512	rVV3	5867	8829	0.37%	0.037%
60	17.885	2514	2518	2524	rVB5	22074	33576	1.42%	0.140%
61	17.990	2534	2536	2541	rVB5	5090	7118	0.30%	0.030%
62	18.037	2541	2544	2546	rBV4	3977	5611	0.24%	0.023%
63	18.114	2552	2557	2563	rBV5	24186	37625	1.59%	0.157%
64	18.190	2563	2570	2575	rBV2	209946	328910	13.86%	1.369%
65	18.237	2575	2578	2584	rVB	46166	70677	2.98%	0.294%
66	18.313	2588	2591	2597	rVB2	13176	21054	0.89%	0.088%
67	18.384	2598	2603	2607	rBV3	45756	87831	3.70%	0.366%
68	18.543	2625	2630	2632	rBV4	15965	26305	1.11%	0.109%
69	18.590	2633	2638	2640	rVV3	121415	176976	7.46%	0.737%
70	18.619	2640	2643	2649	rVB3	124337	166793	7.03%	0.694%
71	18.689	2649	2655	2658	rBV	32317	50013	2.11%	0.208%

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Sample : L3649-01
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

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	18.731	2658	2662	2670	rVB3	25513	55642	2.35%	0.232%
73	18.819	2673	2677	2679	rBV5	9030	14232	0.60%	0.059%
74	18.907	2683	2692	2702	rBV8	50571	120353	5.07%	0.501%
75	18.989	2702	2706	2709	rBV3	42375	53850	2.27%	0.224%
76	19.024	2709	2712	2715	rVB5	11333	13536	0.57%	0.056%
77	19.071	2715	2720	2724	rBV	111727	163057	6.87%	0.679%
78	19.107	2724	2726	2732	rVB4	19335	31282	1.32%	0.130%
79	19.195	2737	2741	2744	rBV4	25121	31666	1.33%	0.132%
80	19.306	2756	2760	2766	rBV4	69540	142622	6.01%	0.594%
81	19.365	2766	2770	2774	rVV	305021	426015	17.96%	1.773%
82	19.406	2774	2777	2783	rVB3	90612	123111	5.19%	0.512%
83	19.471	2784	2788	2791	rBV2	155211	219857	9.27%	0.915%
84	19.512	2791	2795	2800	rVB	803991	1051421	44.32%	4.376%
85	19.559	2800	2803	2806	rBV5	11277	15723	0.66%	0.065%
86	19.677	2818	2823	2825	rBV	926974	1346235	56.75%	5.603%
87	19.700	2825	2827	2841	rVB3	1166351	1834263	77.32%	7.634%
88	19.917	2860	2864	2868	rVB3	55908	81619	3.44%	0.340%
89	20.035	2881	2884	2887	rBV4	25789	34125	1.44%	0.142%
90	20.158	2901	2905	2907	rBV4	41284	57176	2.41%	0.238%
91	20.329	2930	2934	2938	rBV4	53177	90539	3.82%	0.377%
92	20.440	2948	2953	2957	rBV	235728	304470	12.83%	1.267%
93	20.523	2963	2967	2971	rVB2	67868	84823	3.58%	0.353%
94	20.640	2983	2987	2991	rBV	348113	456007	19.22%	1.898%
95	21.228	3083	3087	3095	rVB4	114627	180475	7.61%	0.751%
96	21.563	3137	3144	3149	rBV3	906549	1599007	67.41%	6.655%
97	21.604	3149	3151	3163	rVB	117993	189351	7.98%	0.788%
98	22.996	3383	3388	3392	rBV	103984	187978	7.92%	0.782%
99	24.459	3630	3637	3645	rBV	295659	759319	32.01%	3.160%
100	24.677	3665	3674	3691	rVB2	481514	1492926	62.93%	6.213%

Sum of corrected areas: 24027870

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Data File : BG046420.D
Acq On : 21 Aug 2020 19:23
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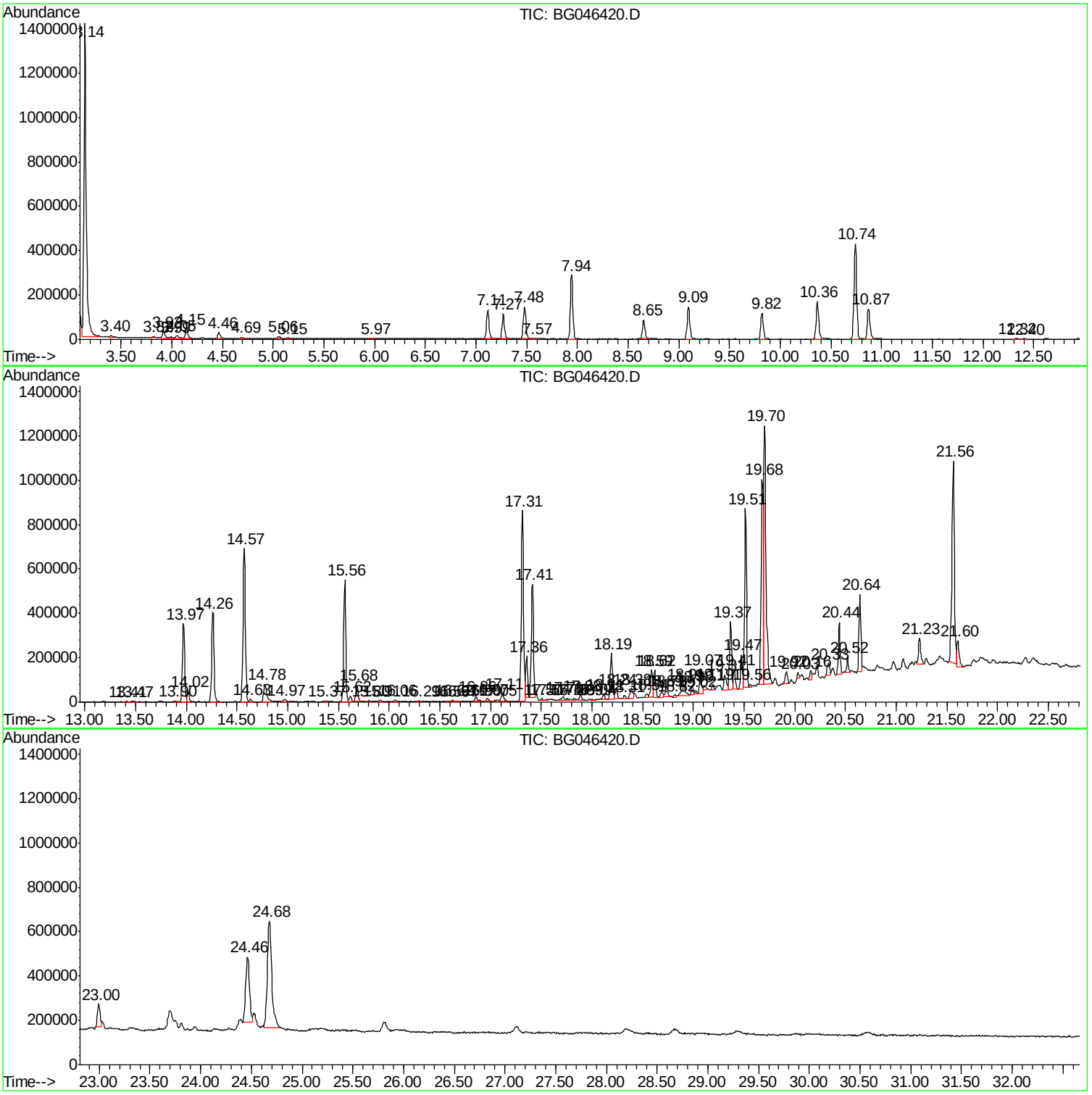
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMW8

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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Data File : BG046420.D
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

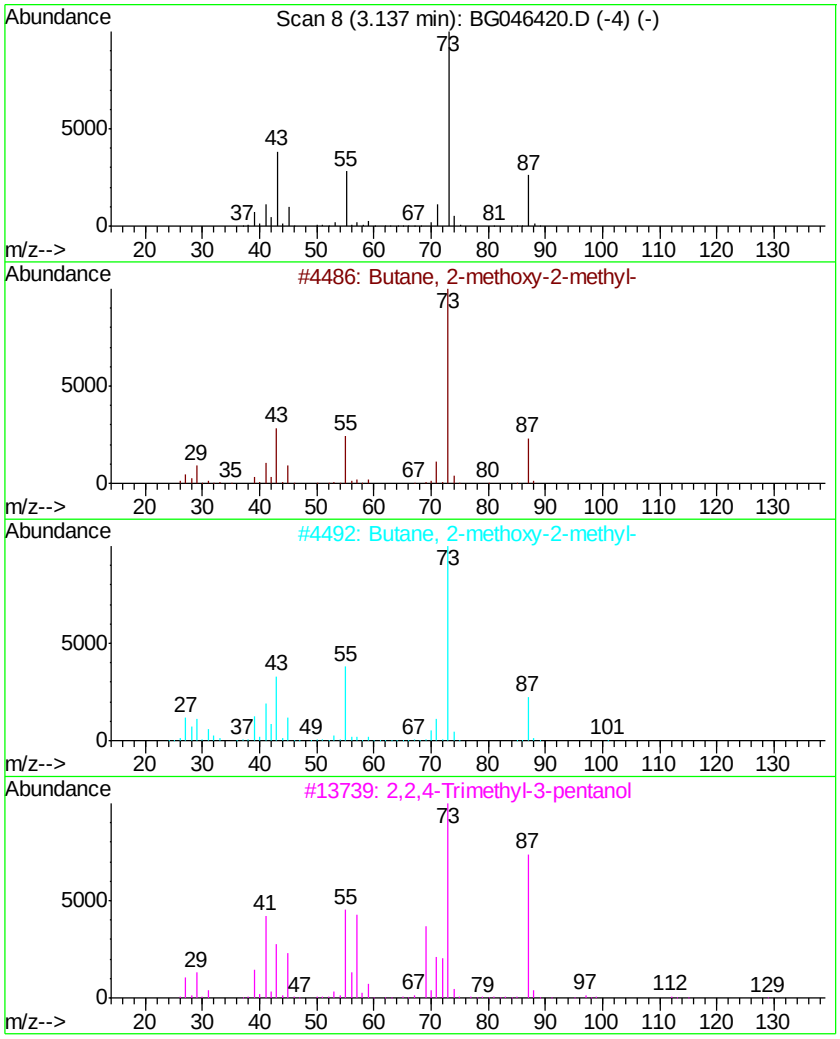
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

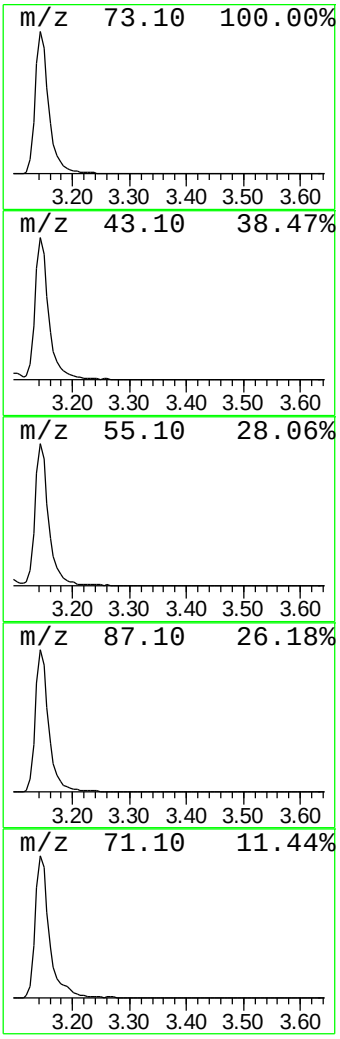
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	96.90 ng/ul	2372240	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 : BG046420.D
Acq On : 21 Aug 2020 19:23
Operator : CG/JU
Sample : L3649-01
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

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

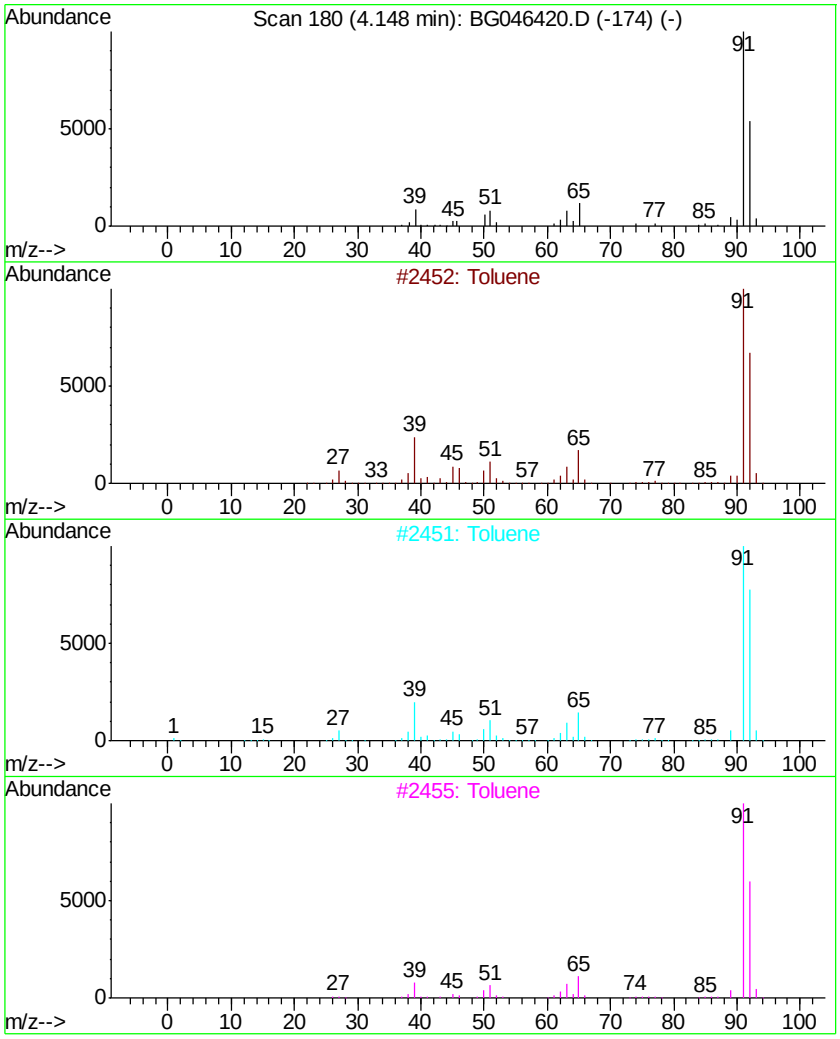
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

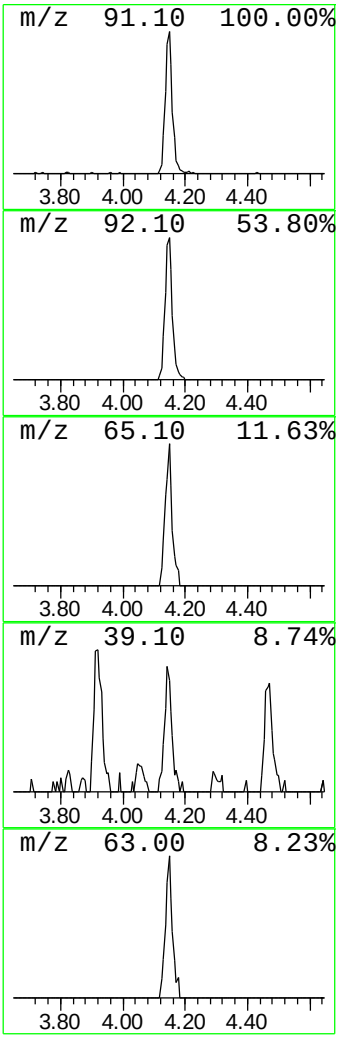
****

Peak Number 2 Toluene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.15	2.85 ng/ul	69829	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	Toluene	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	87





Library Search Compound Report

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Sample : L3649-01
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Instrument : BNA_G
ClientSampleId : BFMW8

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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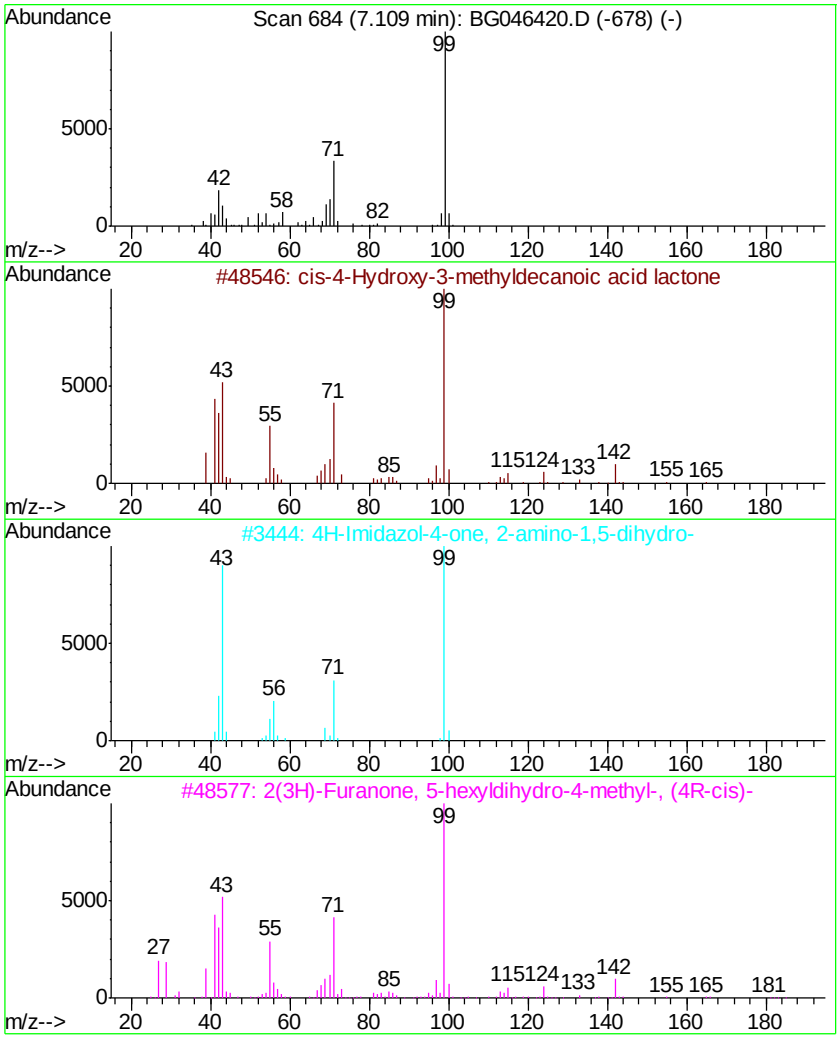
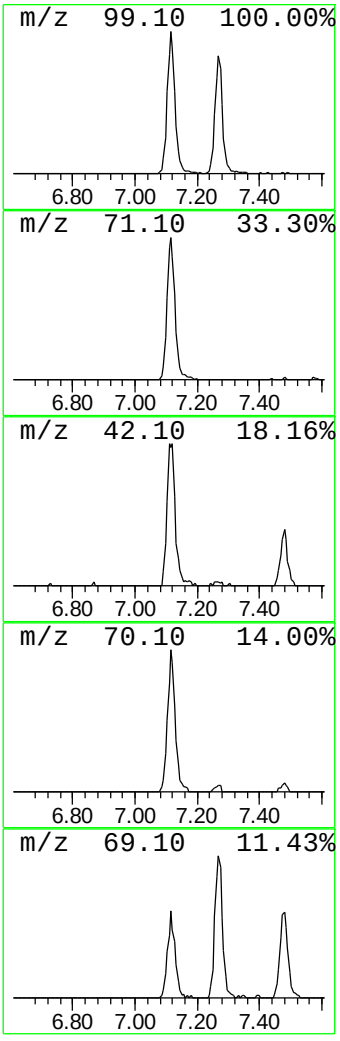
Peak Number 3 cis-4-Hydroxy-3-methyldecan... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	9.79 ng/ul	239693	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
3	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
4	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	64
5	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56





Library Search Compound Report

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Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

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

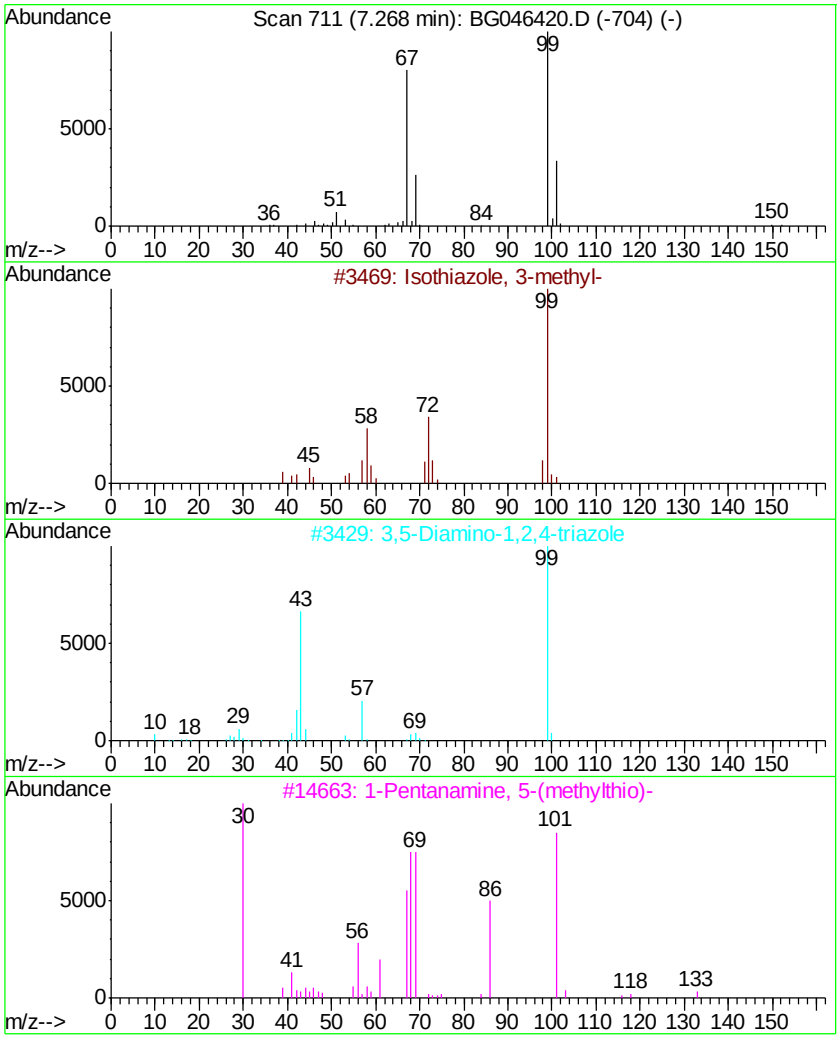
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

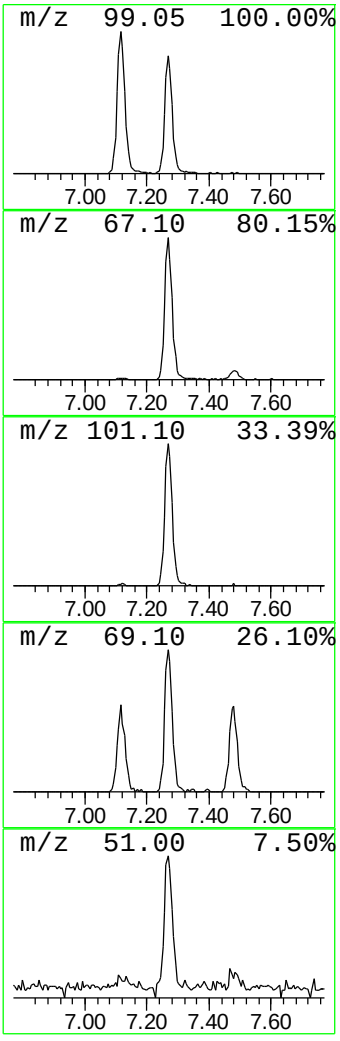
****

Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	8.01 ng/ul	195984	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
4	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046420.D
Acq On : 21 Aug 2020 19:23
Operator : CG/JU
Sample : L3649-01
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

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

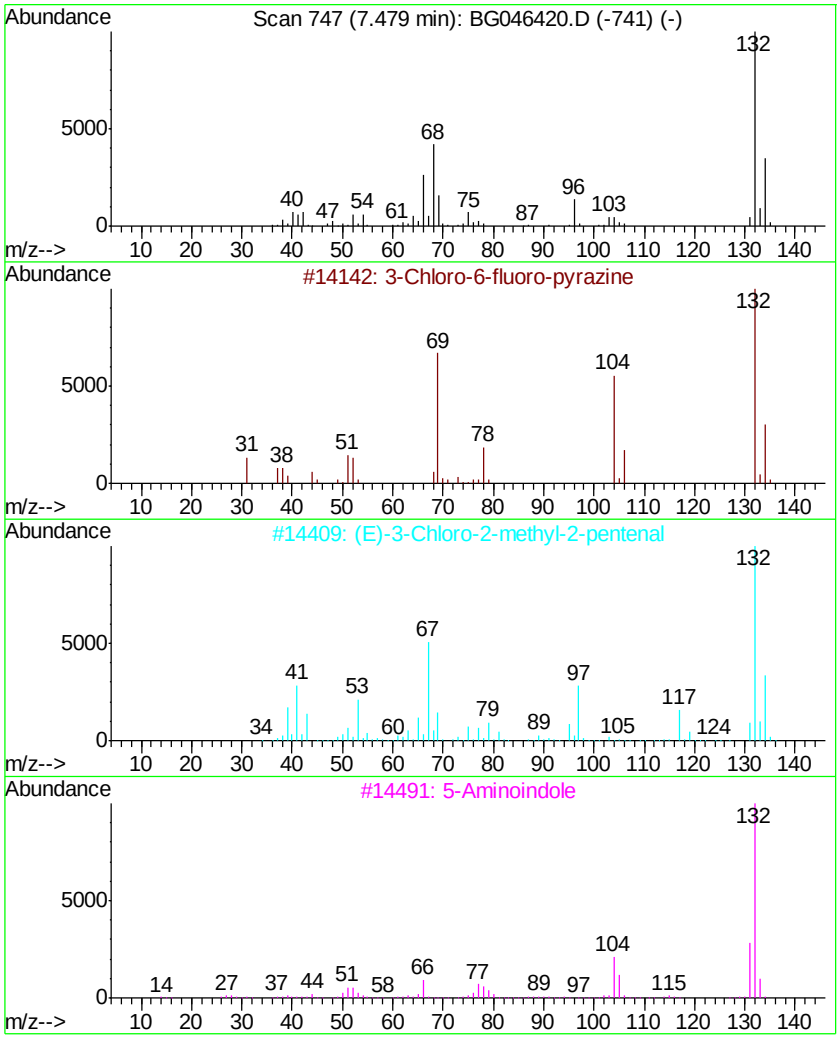
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

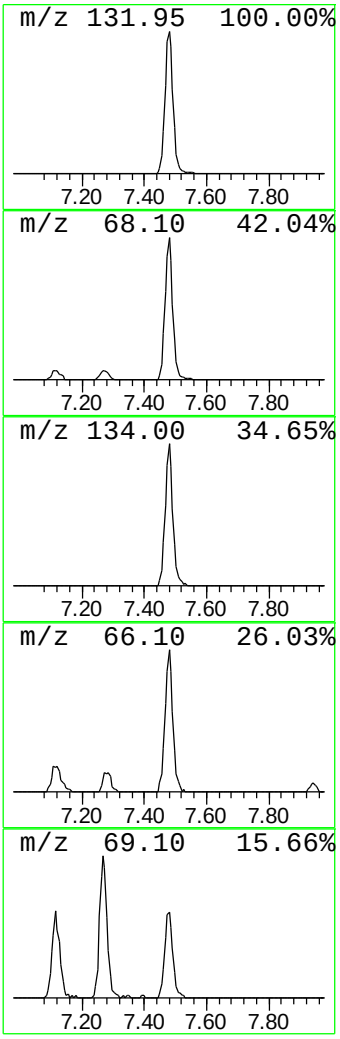
****

Peak Number 5 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	10.37 ng/ul	253785	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	12
5	Amphetaminil	250	C17H18N2	017590-01-1	12





Library Search Compound Report

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Acq On : 21 Aug 2020 19:23
Operator : CG/JU
Sample : L3649-01
Misc :
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Instrument : BNA_G
ClientSampleId : BFMW8

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Quant Title : SVOA CALIBRATION

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

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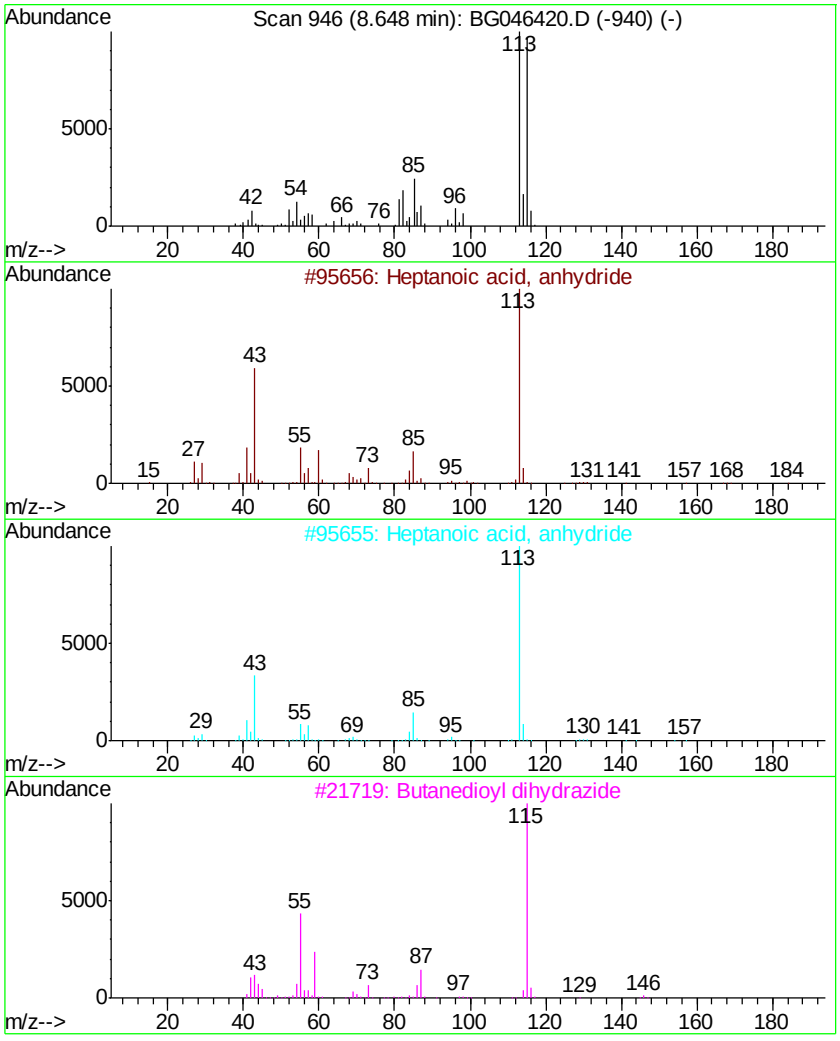
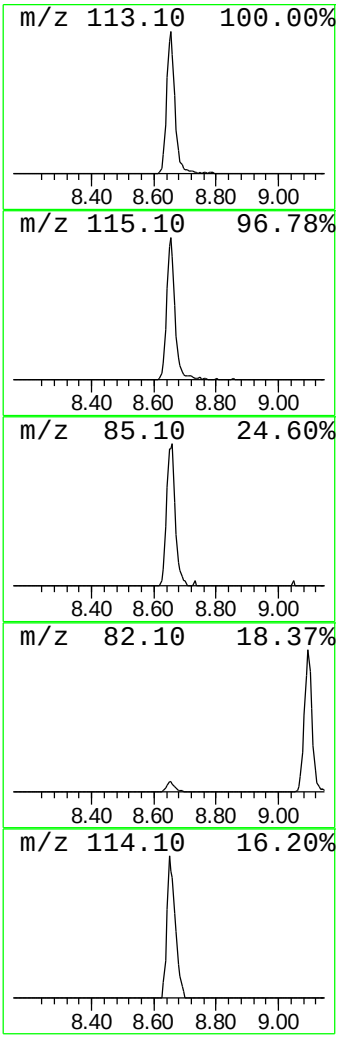
Peak Number 6 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	6.46 ng/ul	158253	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
2	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	27
3	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	27
4	Succinic acid, di(5-methoxy-3-me...	346	C18H34O6	1000330-26-5	25
5	Cyclohexanol, 4-methyl-1-(1-meth...	156	C10H20O	000470-65-5	25





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Instrument : BNA_G
ClientSampleId : BFMW8

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Quant Title : SVOA CALIBRATION

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

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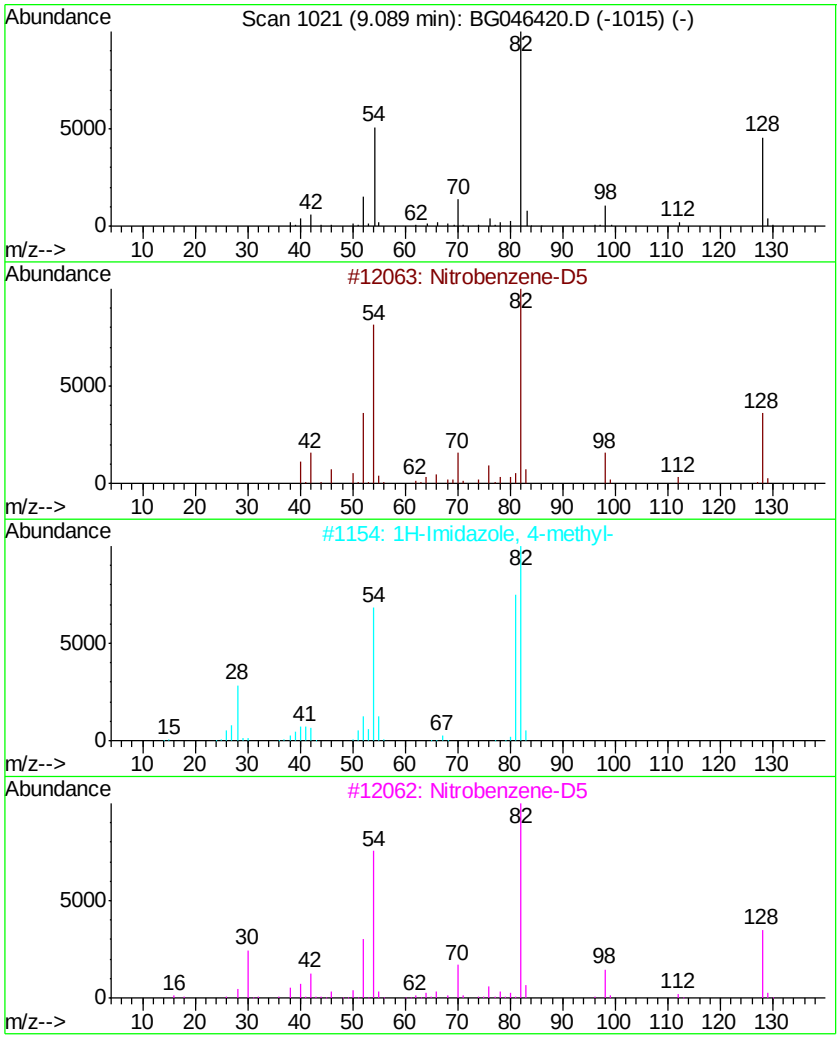
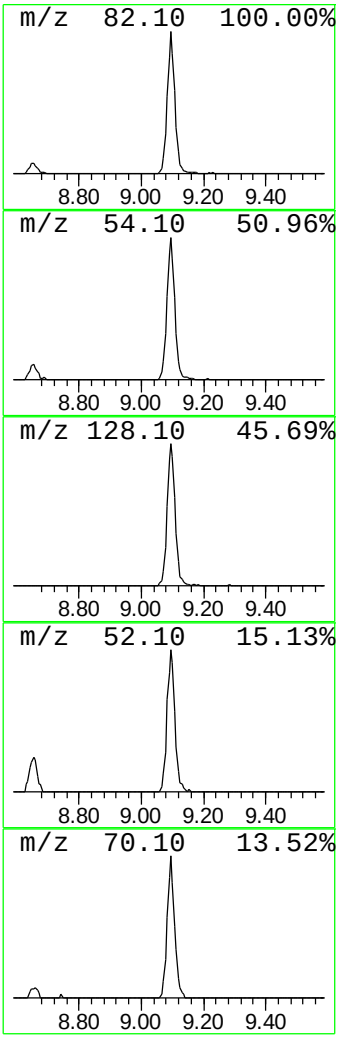
Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	10.57 ng/ul	258832	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	72
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	40
5	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38





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ClientSampleId : BFMW8

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Quant Title : SVOA CALIBRATION

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

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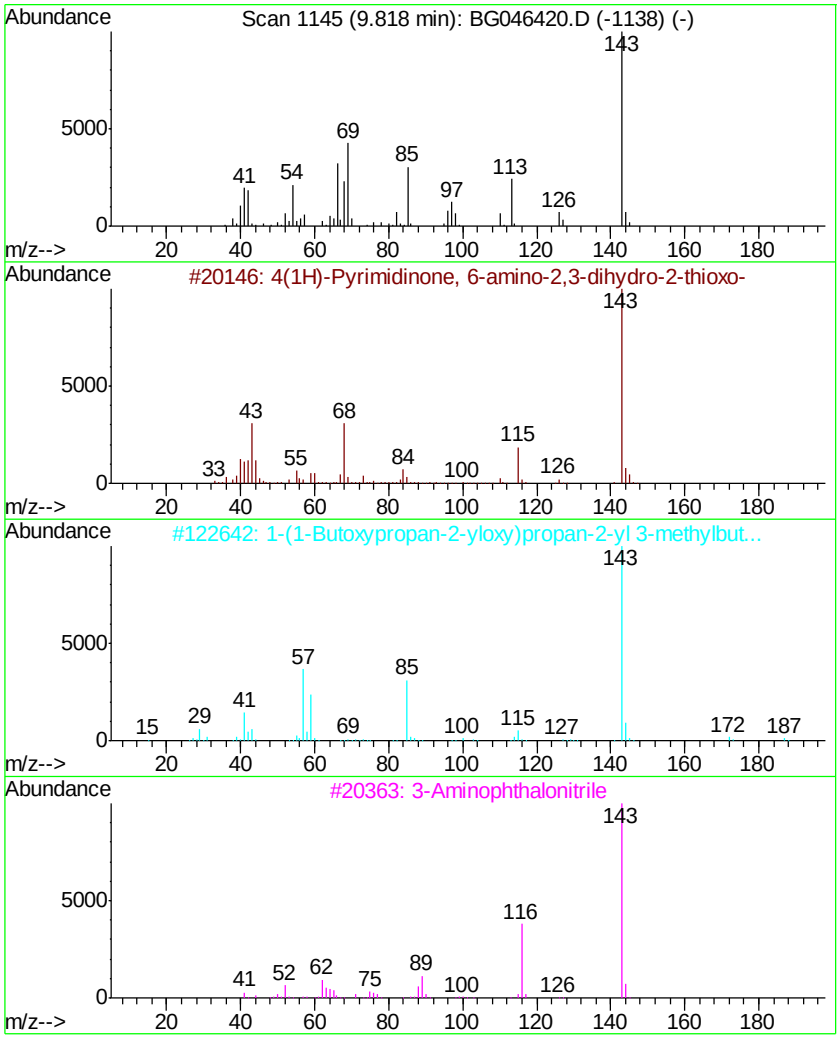
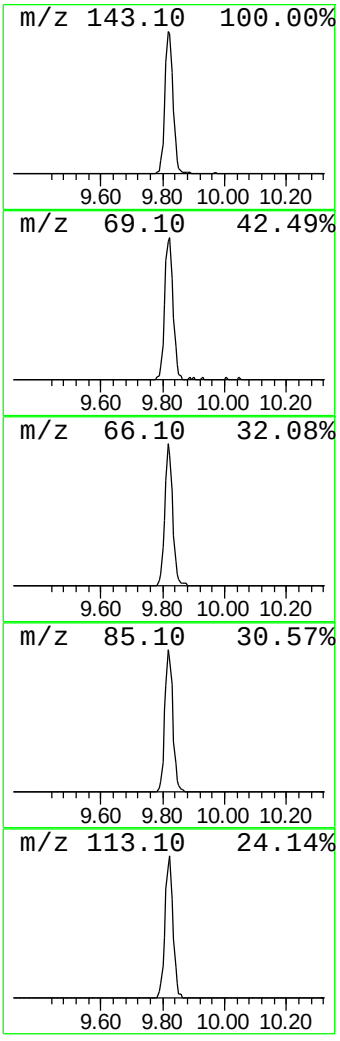
Peak Number 8 unknown-04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	5.66 ng/ul	212492	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	27
2	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12
3	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-10-9	10
5	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	10





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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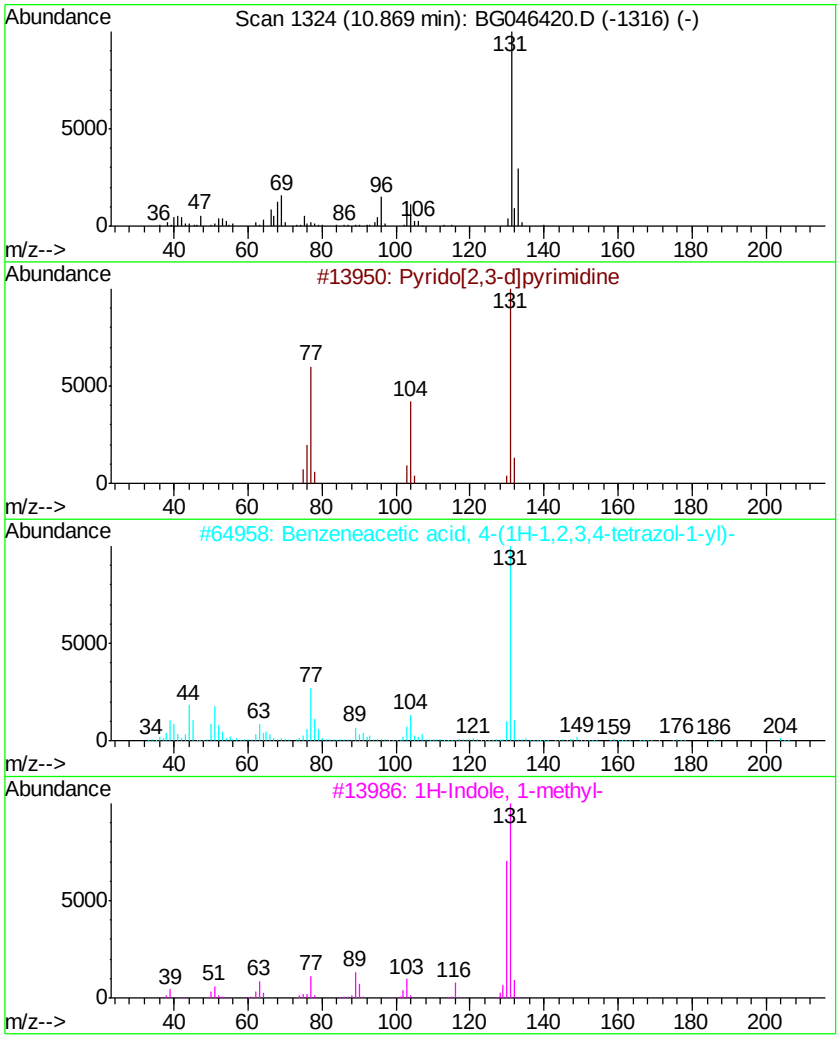
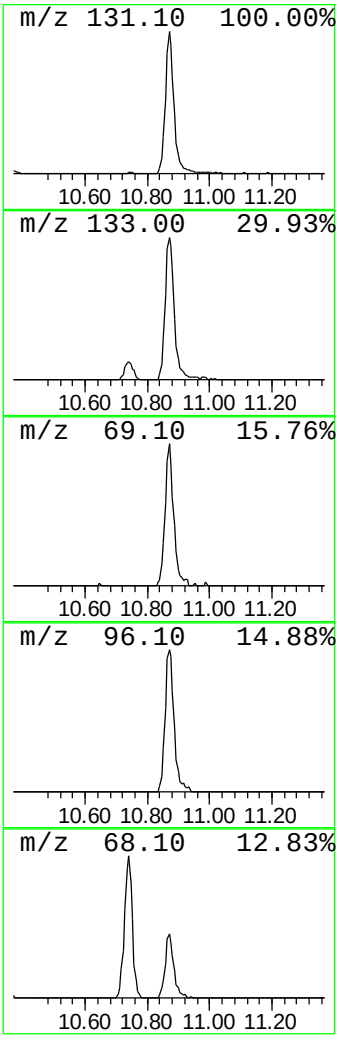
Peak Number 9 Pyrido[2,3-d]pyrimidine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	6.99 ng/ul	262366	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	64
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	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	28
5	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9





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Instrument : BNA_G
ClientSampleId : BFMW8

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Quant Title : SVOA CALIBRATION

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

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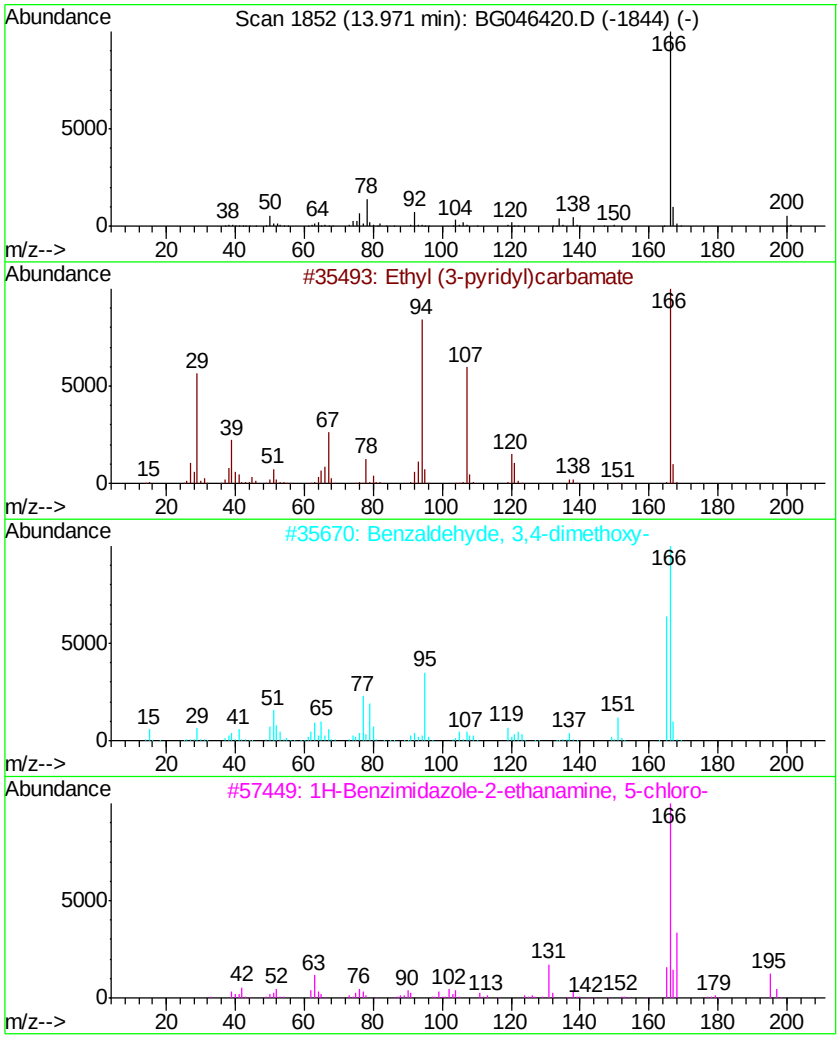
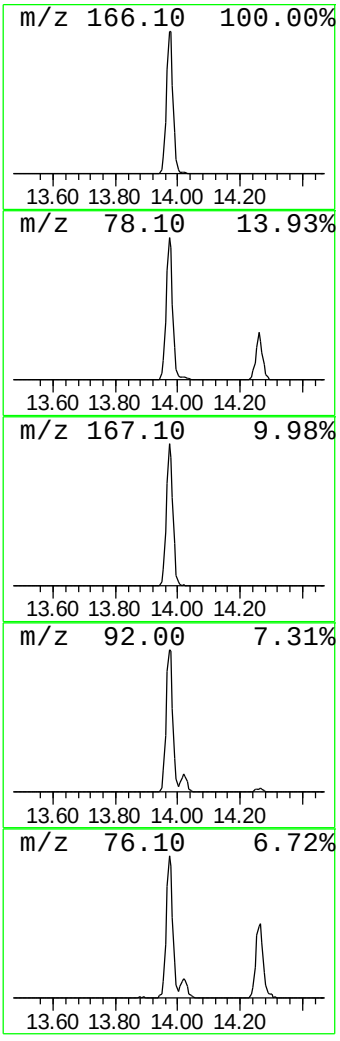
Peak Number 10 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	9.70 ng/ul	526599	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	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
4	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	9





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Instrument : BNA_G
ClientSampleId : BFMW8

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Quant Title : SVOA CALIBRATION

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

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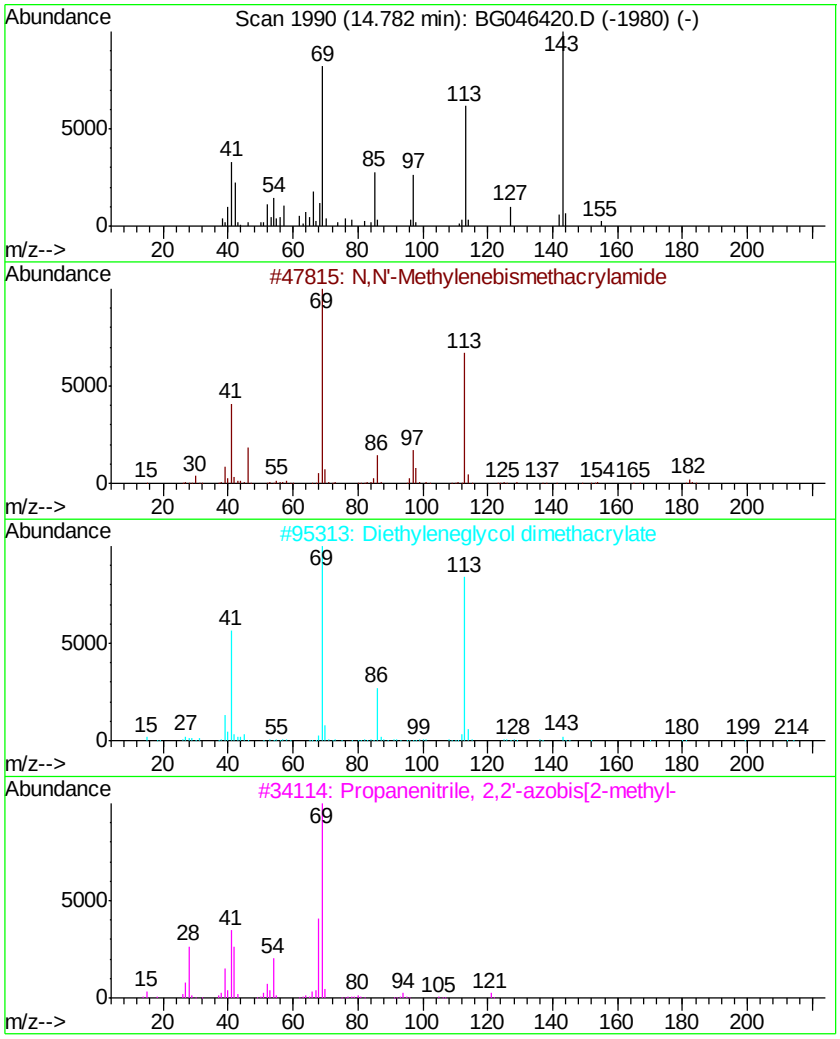
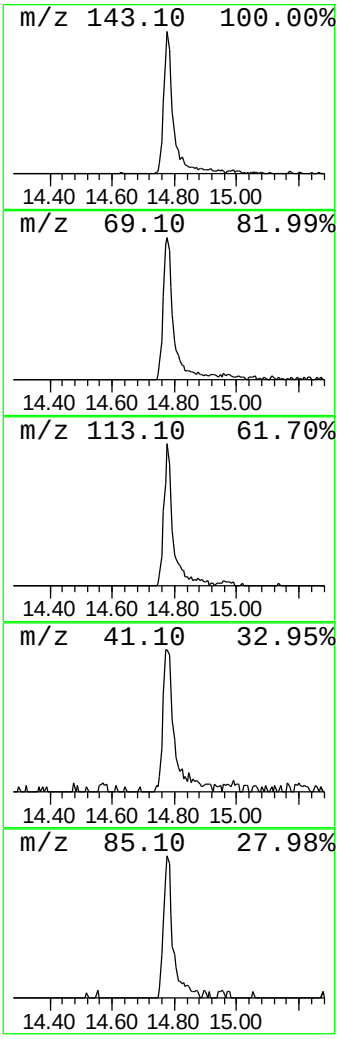
Peak Number 11 unknown-06 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	3.04 ng/ul	165096	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
2	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	25
3	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	22
4	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	22
5	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	16





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Misc :
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Instrument : BNA_G
ClientSampleId : BFMW8

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Quant Title : SVOA CALIBRATION

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

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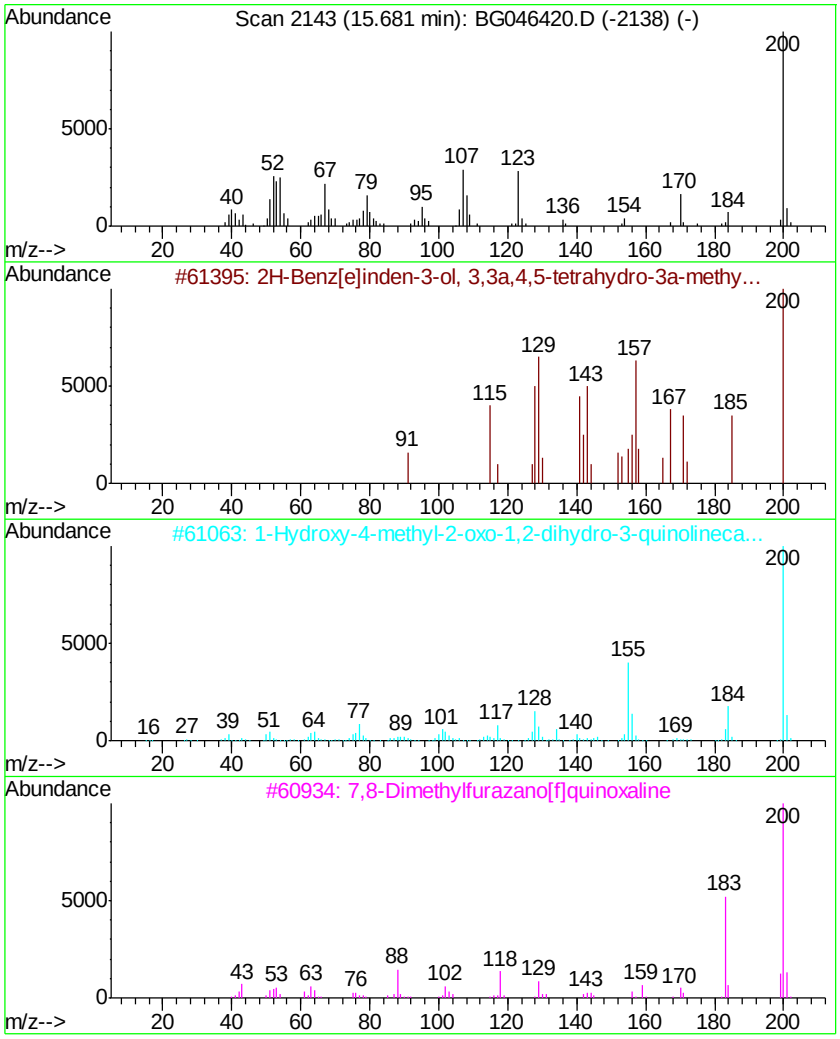
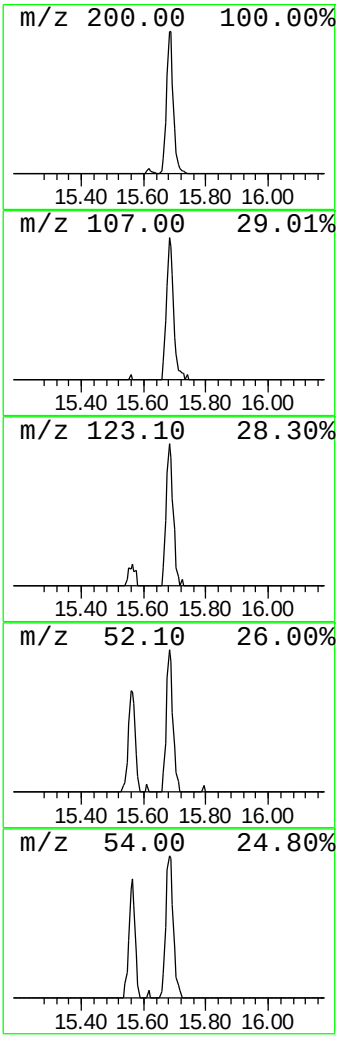
Peak Number 12 unknown-07 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.11 ng/ul	114445	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	18
5	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	14





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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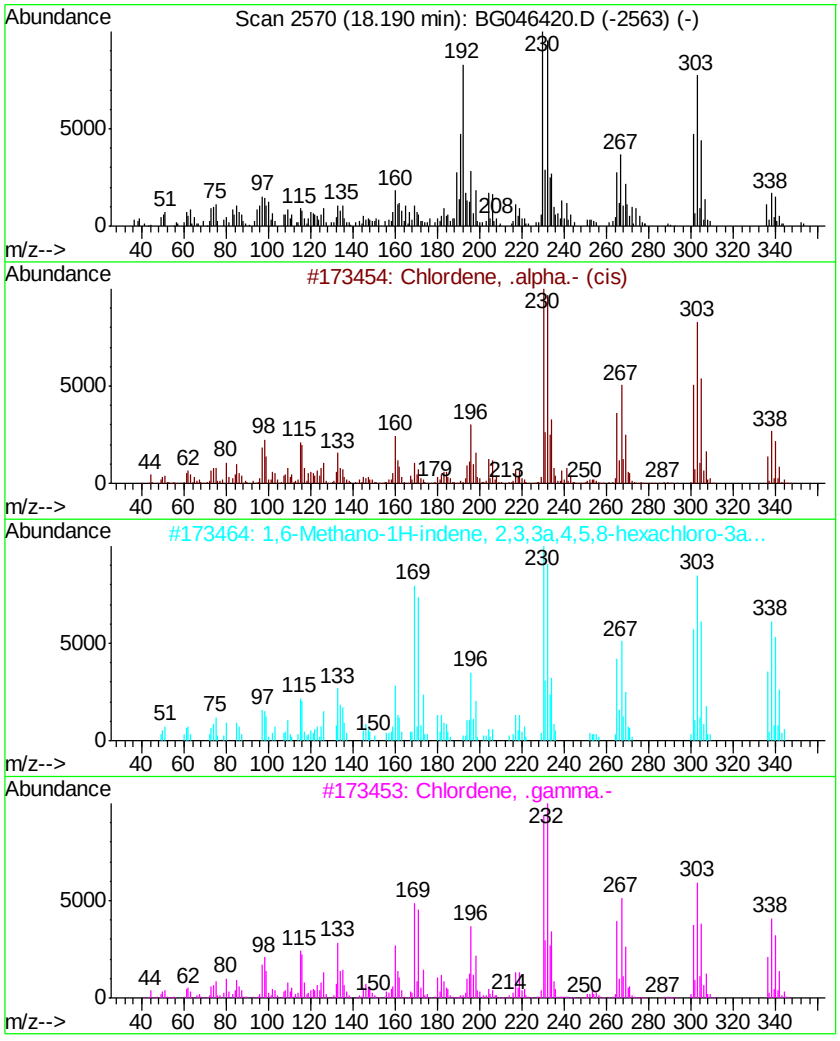
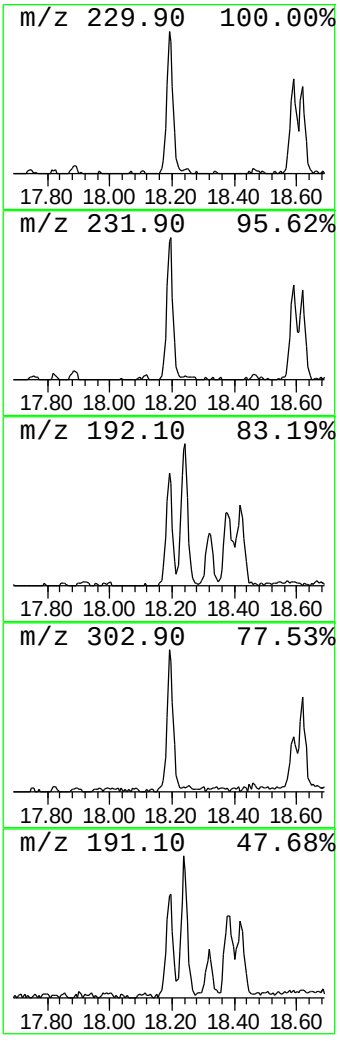
Peak Number 13 Chlordene, .alpha.- (cis) Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	5.16 ng/ul	328910	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlordene, .alpha.- (cis)	336	C10H6Cl6	1000378-50-5	99
2	1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	95
3	Chlordene, .gamma.-	336	C10H6Cl6	1000378-50-6	93
4	.alpha.-Chlordene	336	C10H6Cl6	056534-02-2	91
5	.alpha.-Chlordene	336	C10H6Cl6	056534-02-2	86





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ClientSampleId : BFMW8

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Quant Title : SVOA CALIBRATION

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

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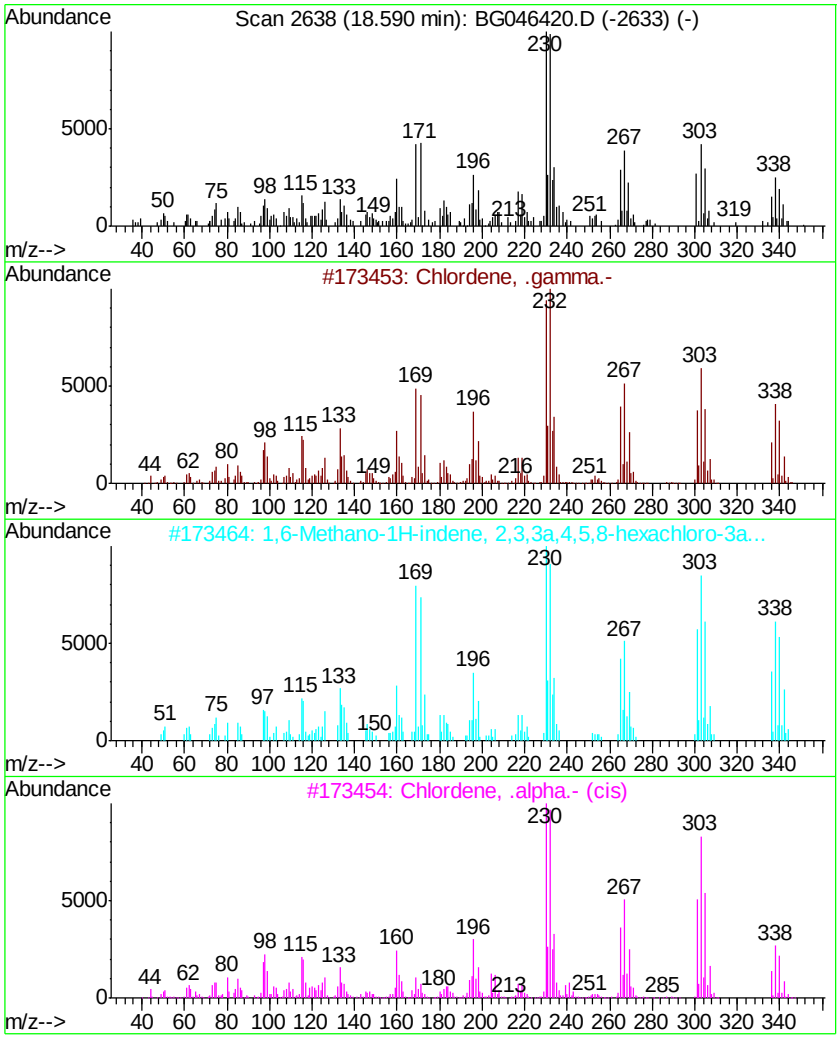
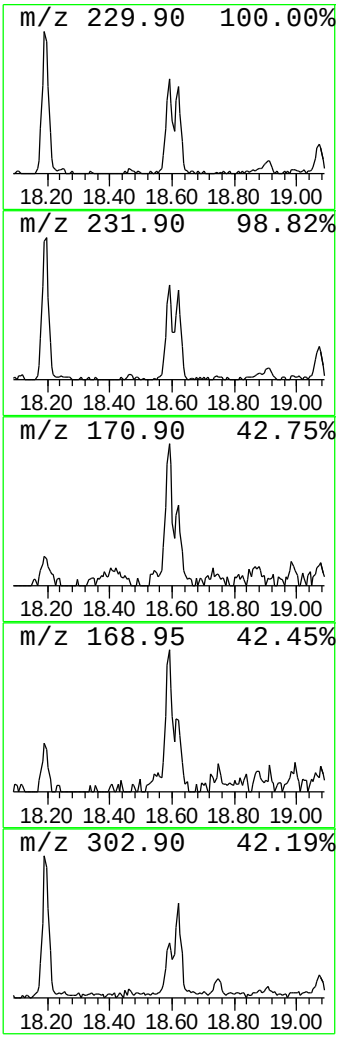
Peak Number 14 Chlordene, .gamma.- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.78 ng/ul	176976	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlordene, .gamma.-	336	C10H6Cl6	1000378-50-6	99
2	1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	83
3	Chlordene, .alpha.- (cis)	336	C10H6Cl6	1000378-50-5	81
4	Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	50
5	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	50





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Quant Title : SVOA CALIBRATION

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

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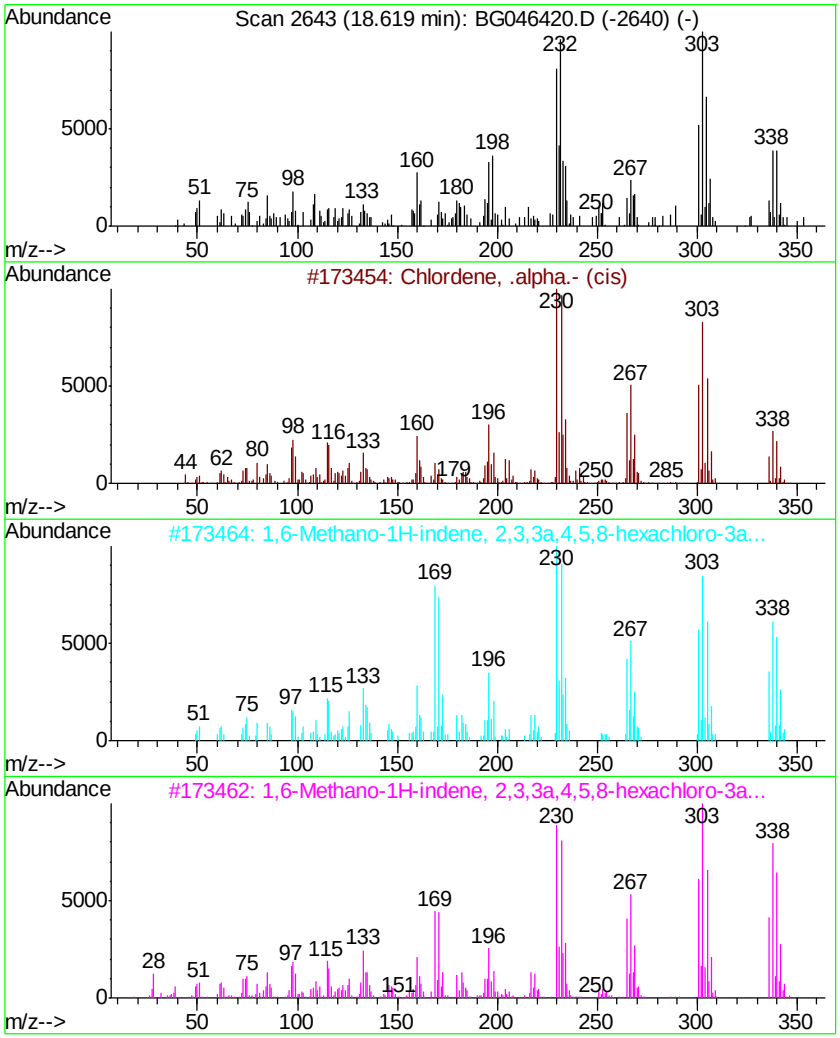
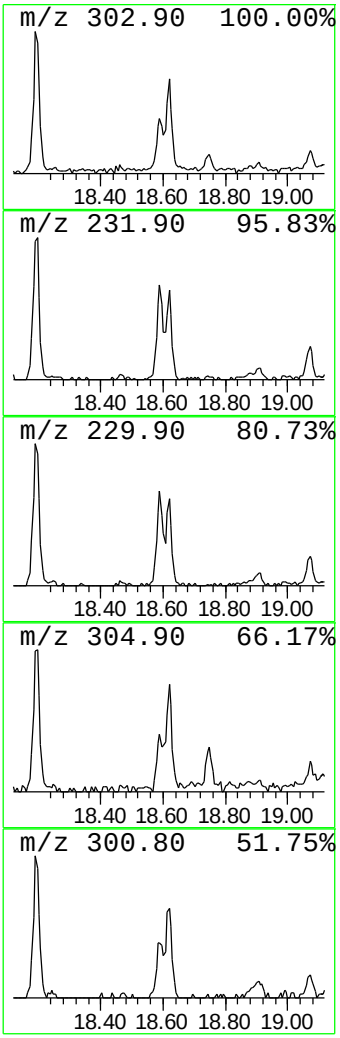
Peak Number 15 1,6-Methano-1H-indene, 2,3,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.62 ng/ul	166793	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlordene, .alpha.- (cis)	336	C10H6Cl6	1000378-50-5	91
2	1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	91
3	1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	91
4	Chlordene, .beta.- (trans-)	336	C10H6Cl6	1000378-50-4	91
5	.alpha.-Chlordene	336	C10H6Cl6	056534-02-2	91





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Quant Title : SVOA CALIBRATION

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

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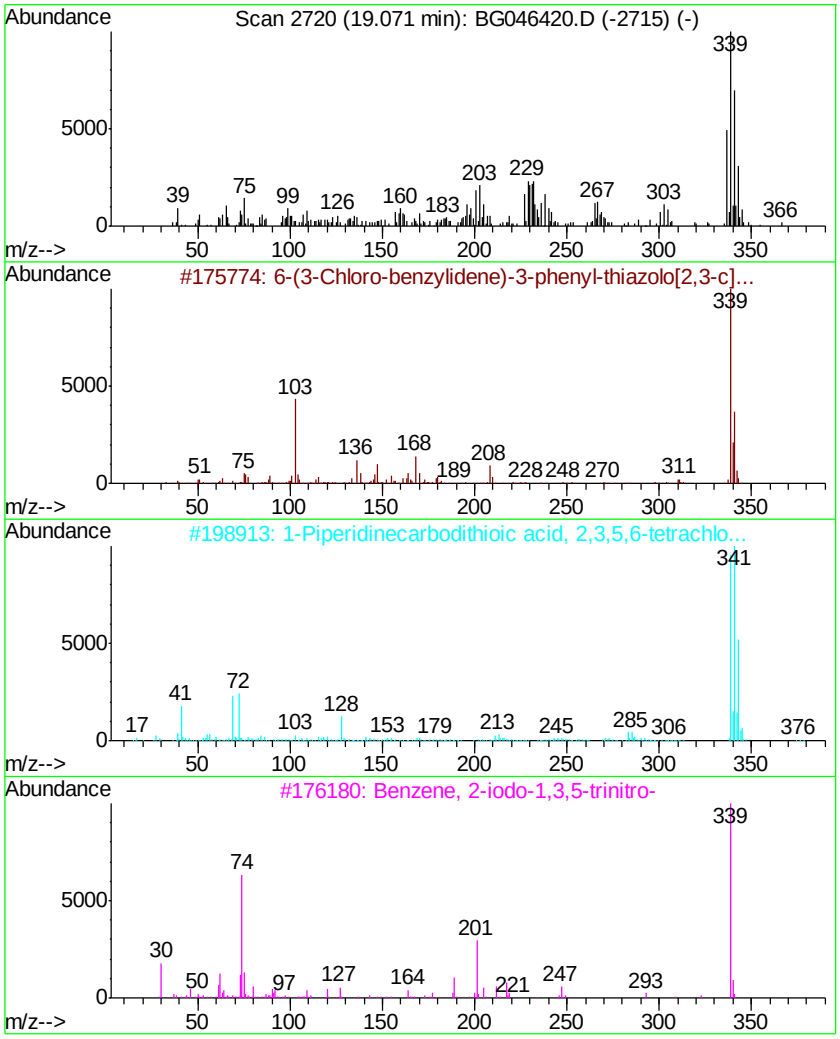
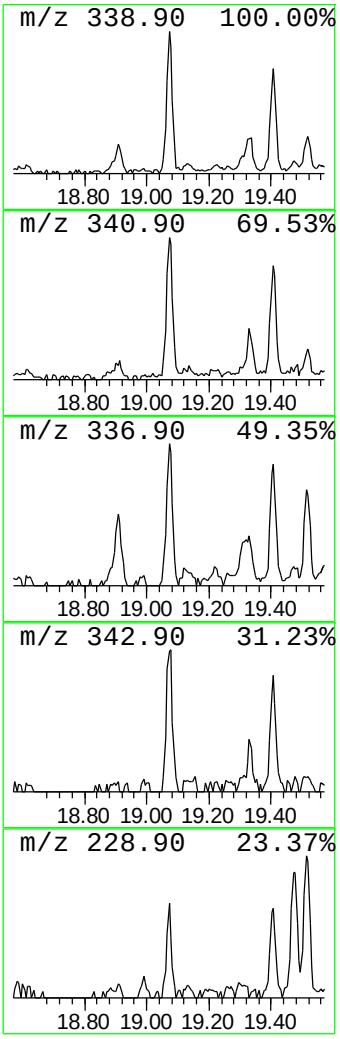
Peak Number 16 unknown-08 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.56 ng/ul	163057	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-(3-Chloro-benzylidene)-3-phenyl...	339	C17H10ClN3OS	1000294-64-5	35
2	1-Piperidinecarbodithioic acid, ...	374	C11H10Cl4N2S2	1000305-28-9	25
3	Benzene, 2-iodo-1,3,5-trinitro-	339	C6H2IN3O6	004436-27-5	22
4	Butanamide, N-(1-naphthyl)-2,2,3...	339	C14H8F7NO	1000307-28-3	22
5	6-Methyl-2-(4-methylphenyl)-7-(4...	339	C25H25N	080193-45-9	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046420.D
Acq On : 21 Aug 2020 19:23
Operator : CG/JU
Sample : L3649-01
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

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

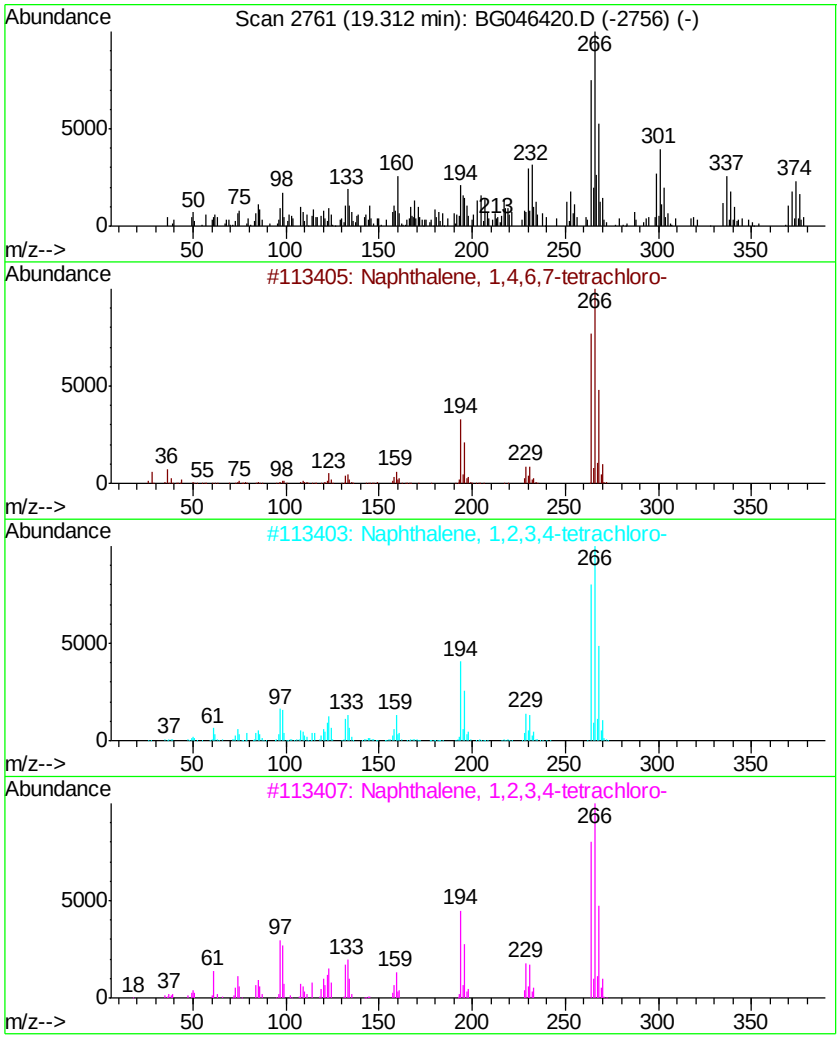
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

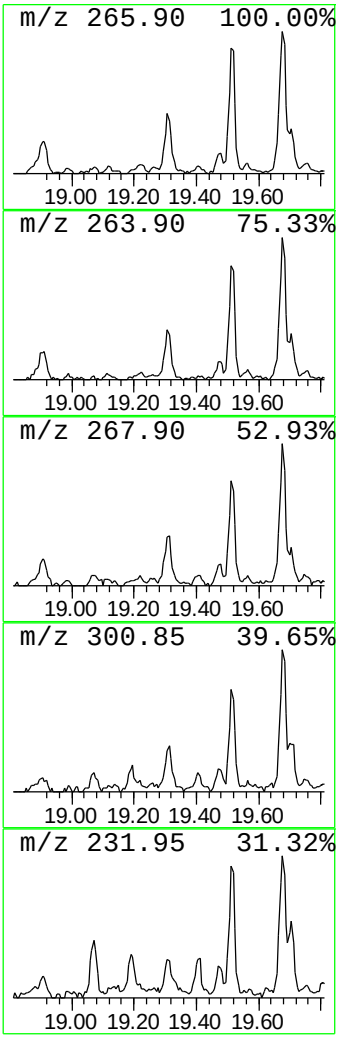
****

Peak Number 17 Naphthalene, 1,4,6,7-tetrac... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	2.24 ng/ul	142622	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6,7-tetrachloro-	264	C10H4Cl4	055720-43-9	89
2	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	70
3	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	70
4	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	55
5	Tetrachloroisophthalonitrile	264	C8Cl4N2	001897-45-6	55





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Data File : BG046420.D
Acq On : 21 Aug 2020 19:23
Operator : CG/JU
Sample : L3649-01
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

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

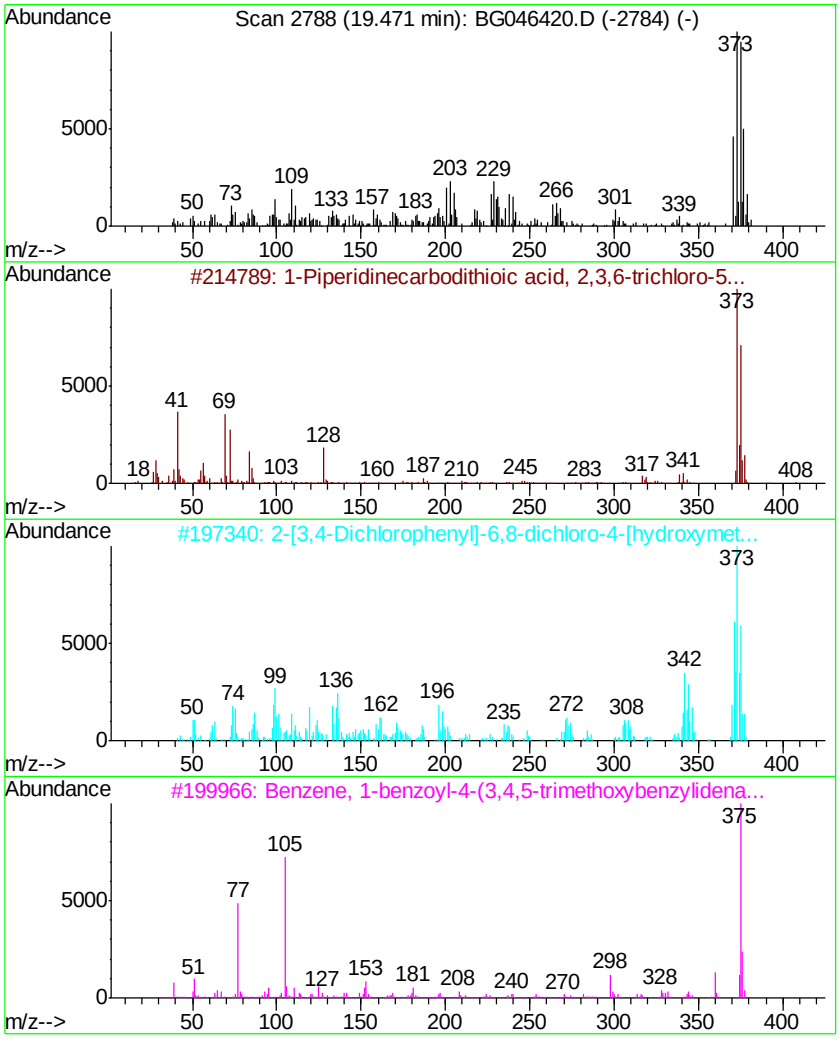
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

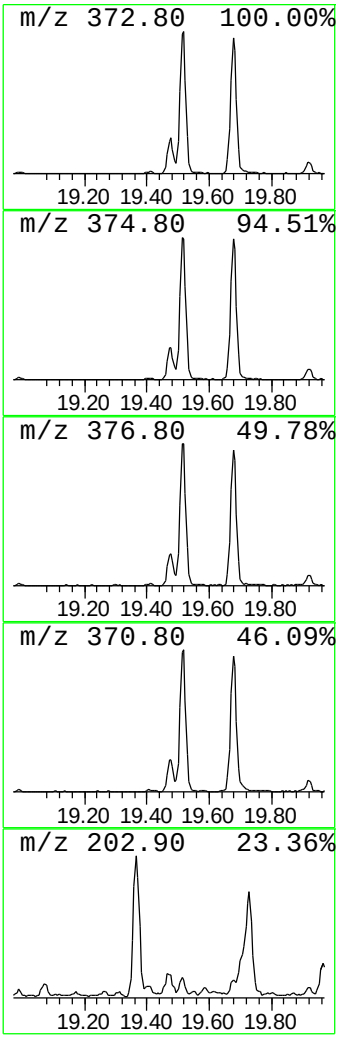
****

Peak Number 18 unknown-09 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	2.75 ng/ul	219857	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Piperidinecarbodithioic acid, ...	408	C12H10Cl3F3N2S2	1000305-31-5	38
2	2-[3,4-Dichlorophenyl]-6,8-dichl...	371	C16H9Cl4NO	038599-01-8	25
3	Benzene, 1-benzoyl-4-(3,4,5-trim...	375	C23H21NO4	304668-83-5	18
4	6,8-Dichloro-2-(1-adamantanyl)-4...	375	C20H19Cl2NO2	049647-91-8	12
5	Quinoline, N-oxy-4-[2-[3-[p-chlo...	373	C23H16ClNO2	1000211-32-6	12





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Data File : BG046420.D
Acq On : 21 Aug 2020 19:23
Operator : CG/JU
Sample : L3649-01
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

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

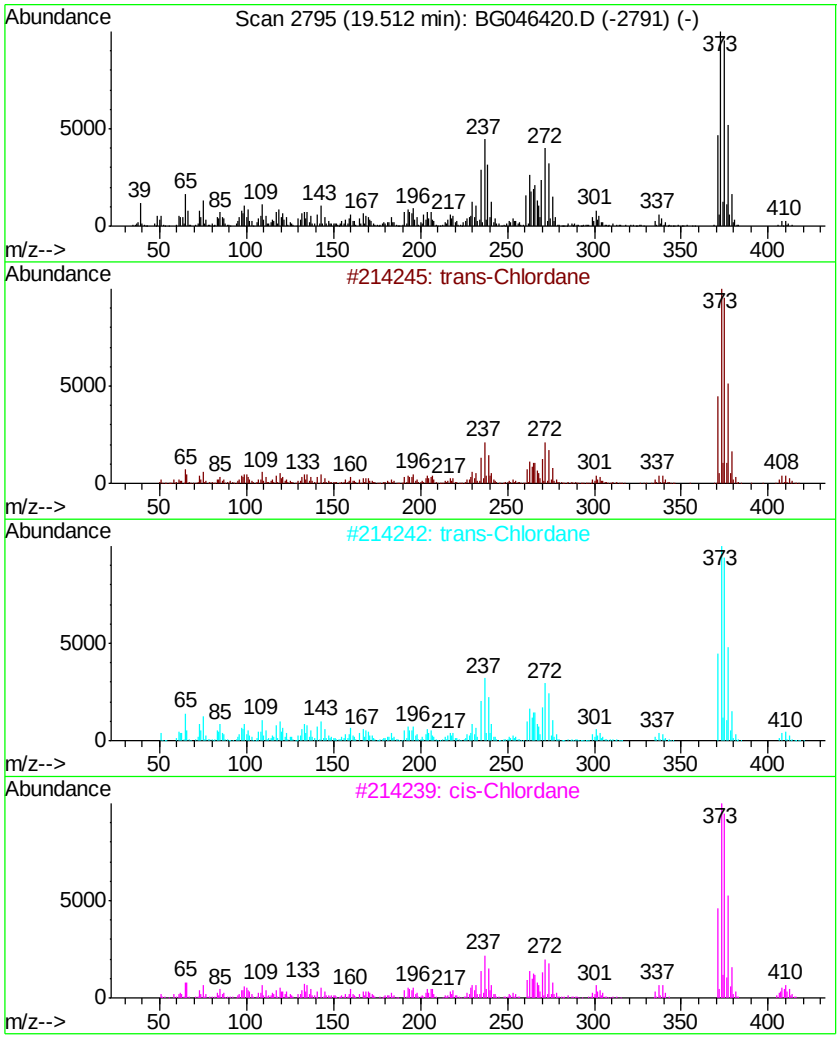
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

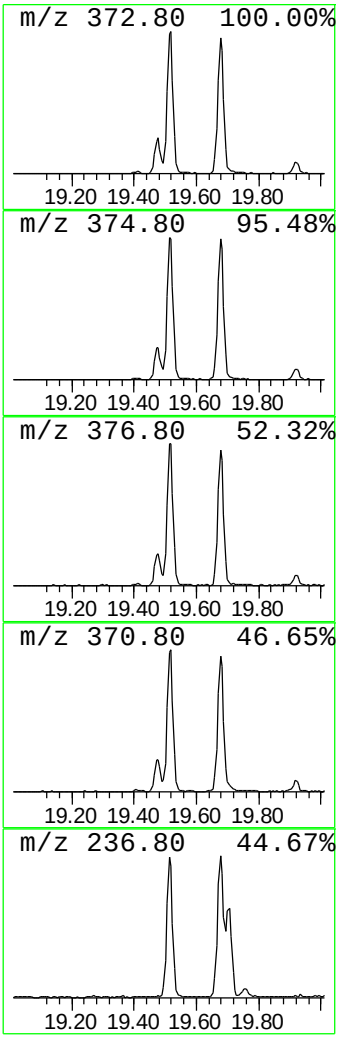
****

Peak Number 19 trans-Chlordane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	13.15 ng/ul	1051420	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Chlordane	406	C10H6Cl8	005103-74-2	99
2	trans-Chlordane	406	C10H6Cl8	005103-74-2	99
3	cis-Chlordane	406	C10H6Cl8	005103-71-9	96
4	4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	93
5	trans-Chlordane	406	C10H6Cl8	005103-74-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046420.D
Acq On : 21 Aug 2020 19:23
Operator : CG/JU
Sample : L3649-01
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

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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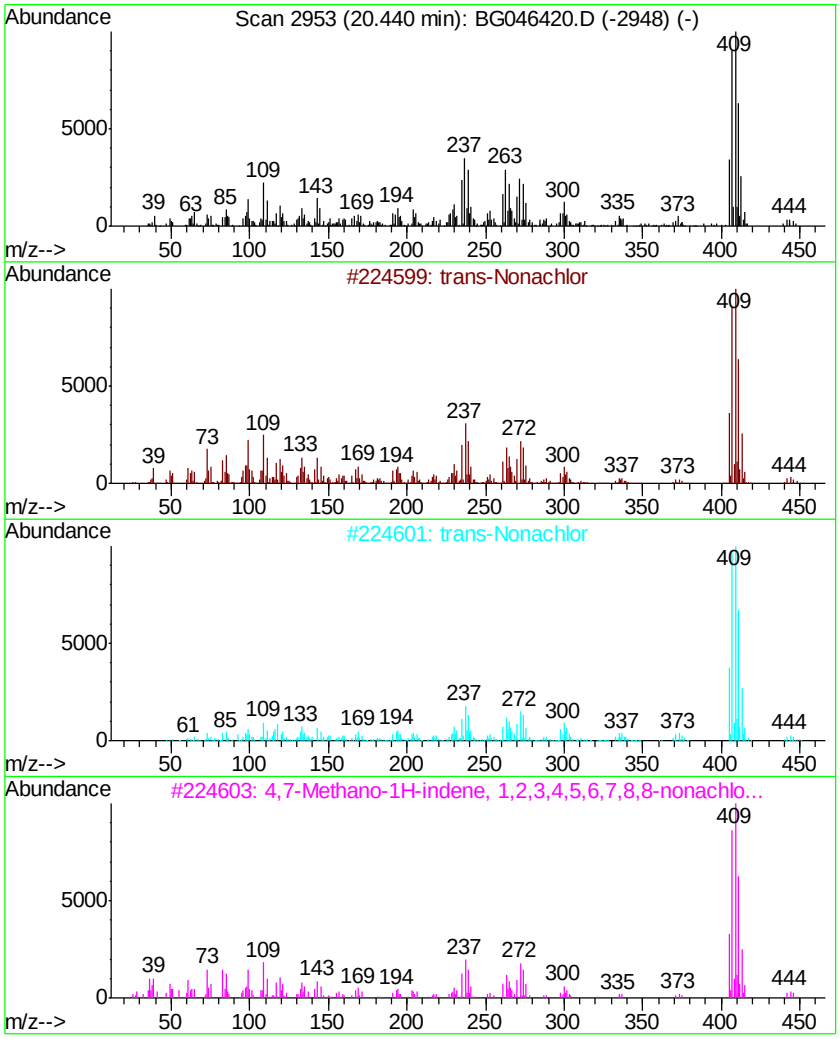
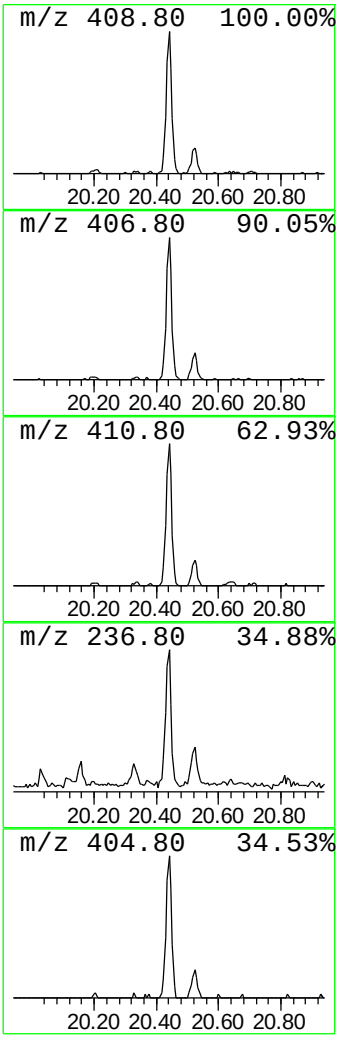
Peak Number 20 trans-Nonachlor Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	3.81 ng/ul	304470	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Nonachlor	440	C10H5Cl9	039765-80-5	99
2	trans-Nonachlor	440	C10H5Cl9	039765-80-5	95
3	4,7-Methano-1H-indene, 1,2,3,4,5...	440	C10H5Cl9	003734-49-4	95
4	4,7-Methano-1H-indene, 1,2,3,4,5...	438	C10H3Cl9	021641-70-3	90
5	cis-Nonachlor	440	C10H5Cl9	005103-73-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046420.D
Acq On : 21 Aug 2020 19:23
Operator : CG/JU
Sample : L3649-01
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

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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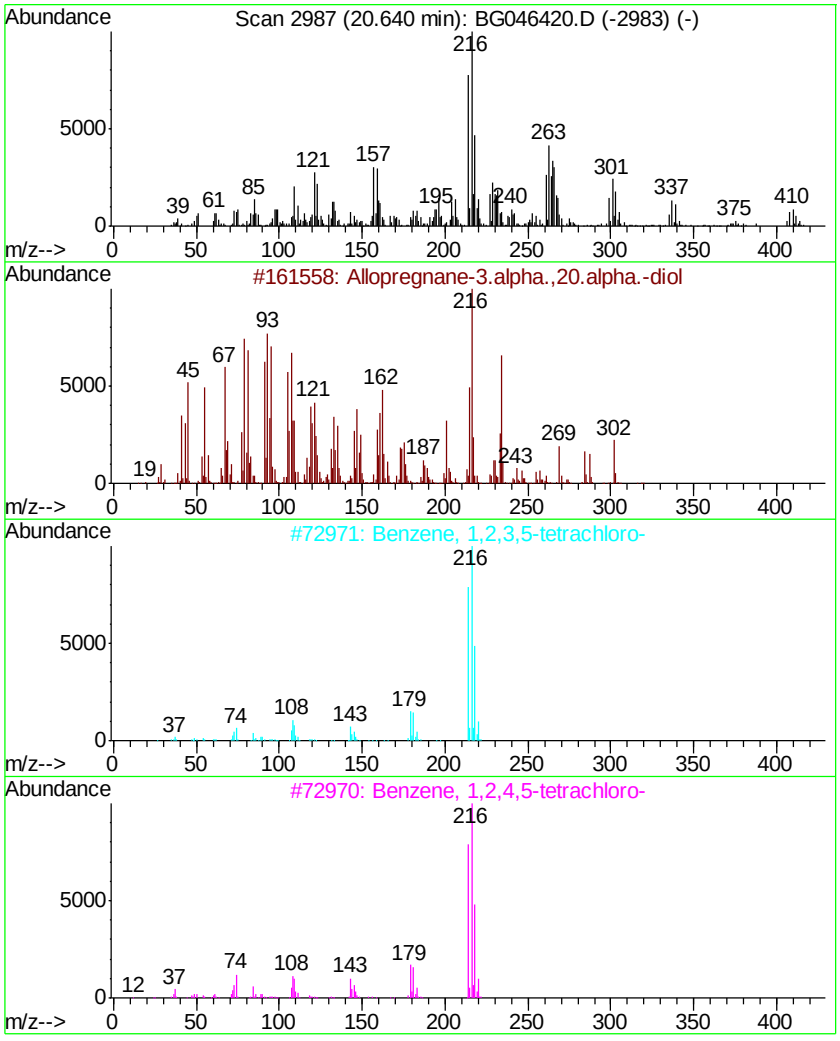
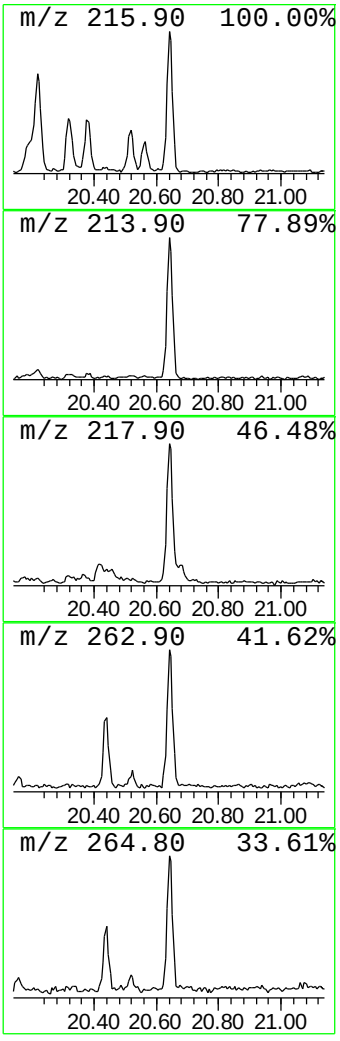
Peak Number 21 Allopregnane-3.alpha.,20.al... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	5.70 ng/ul	456007	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, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	49
4	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	49
5	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046420.D
Acq On : 21 Aug 2020 19:23
Operator : CG/JU
Sample : L3649-01
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

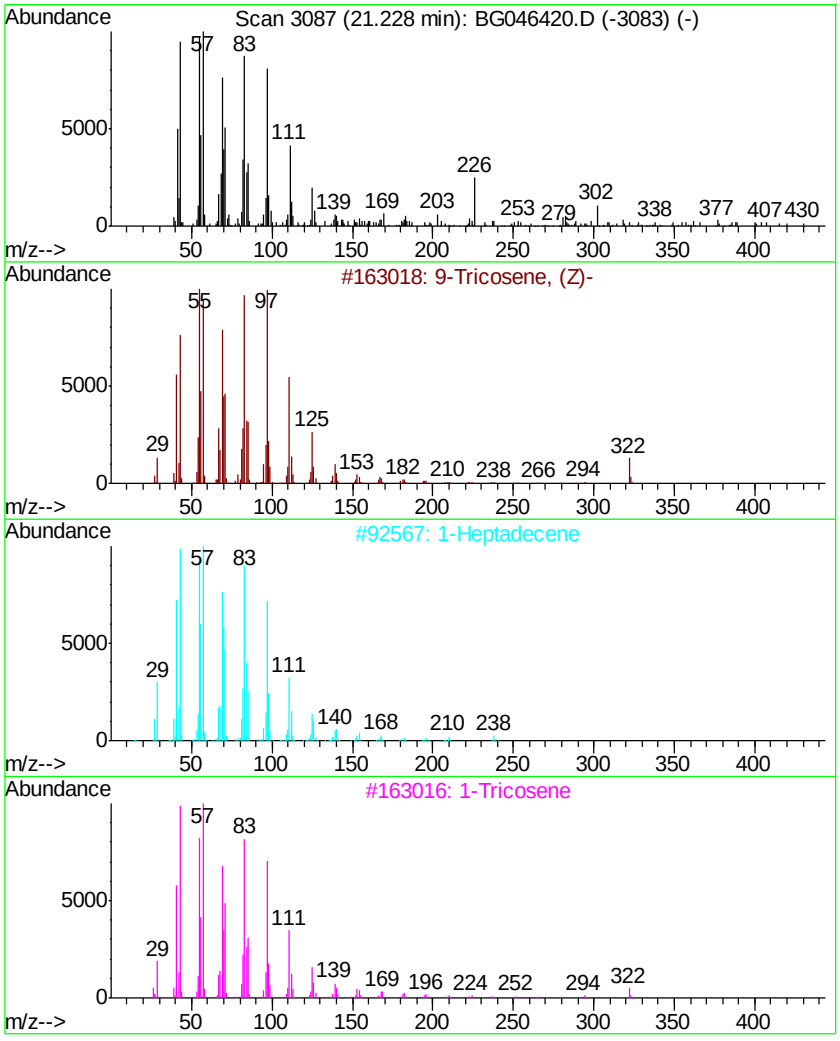
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

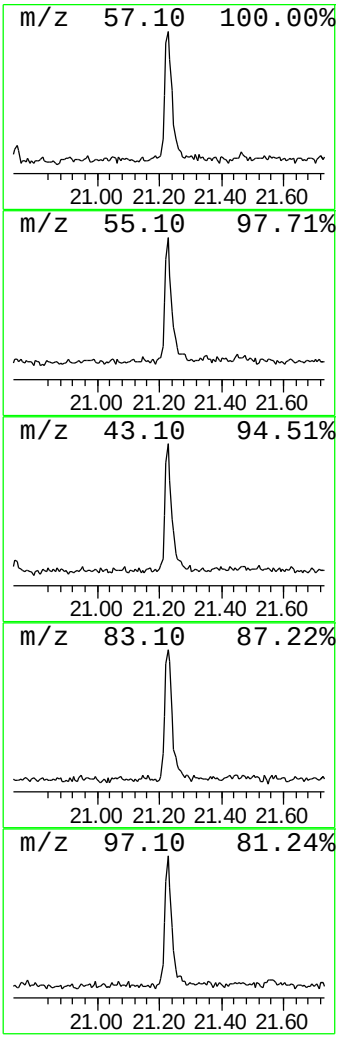
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	2.26 ng/ul	180475	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	1-Heptadecene	238	C17H34	006765-39-5	93
3	1-Tricosene	322	C23H46	018835-32-0	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046420.D
Acq On : 21 Aug 2020 19:23
Operator : CG/JU
Sample : L3649-01
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

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

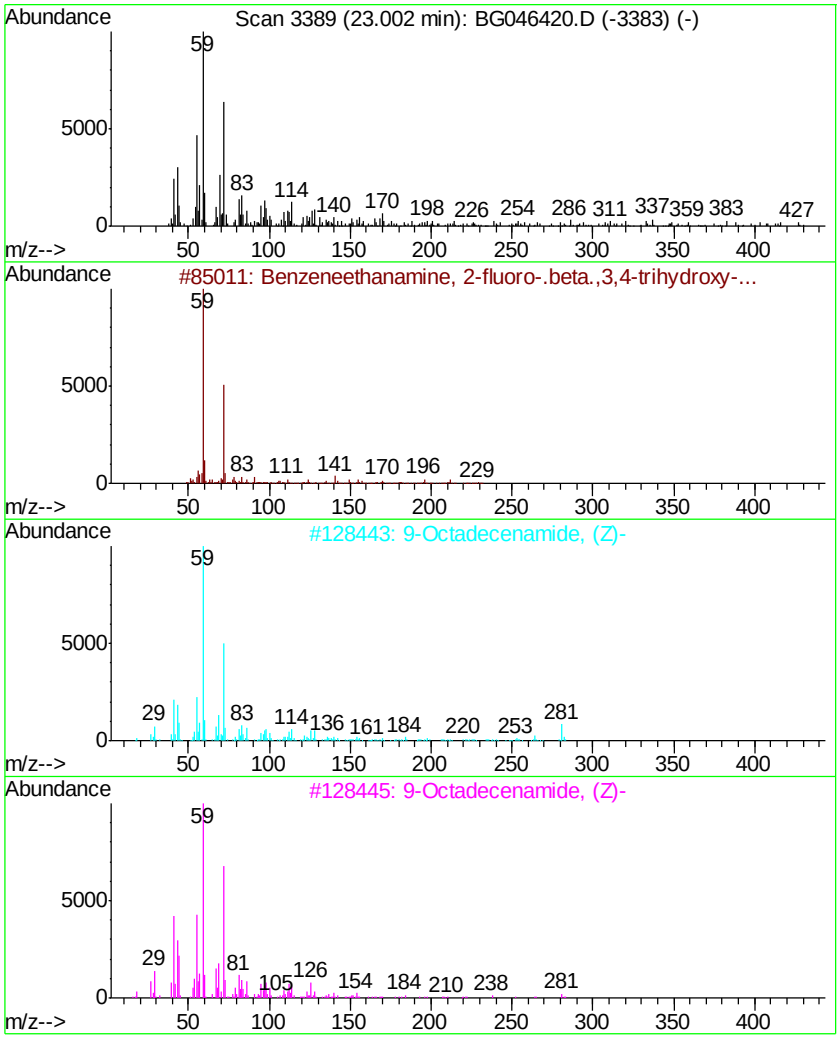
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

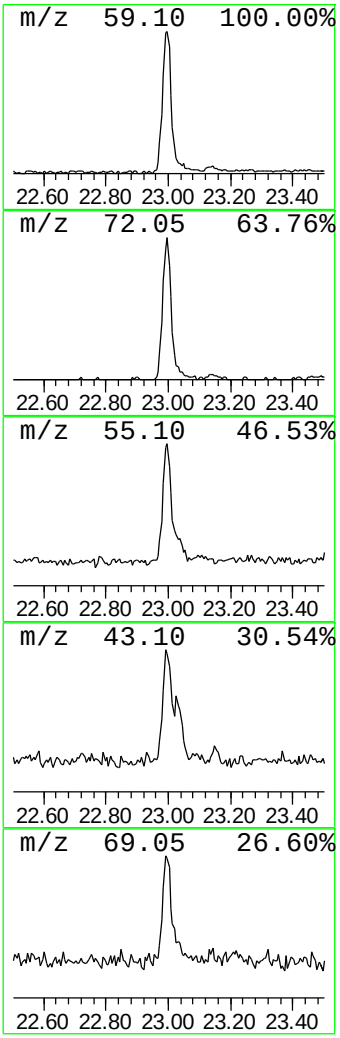
****

Peak Number 23 Benzeneethanamine, 2-fluoro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	2.35 ng/ul	187978	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	81
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
4	Octadecanamide	283	C18H37NO	000124-26-5	72
5	Hexadecanamide	255	C16H33NO	000629-54-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046420.D
Acq On : 21 Aug 2020 19:23
Operator : CG/JU
Sample : L3649-01
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW8

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	96.9	ng/ul	2372240	1	7.94	489637	20.0
Toluene	4.15	2.9	ng/ul	69829	1	7.94	489637	20.0
cis-4-Hydroxy-3-m...	7.11	9.8	ng/ul	239693	1	7.94	489637	20.0
unknown-01	7.27	8.0	ng/ul	195984	1	7.94	489637	20.0
unknown-02	7.48	10.4	ng/ul	253785	1	7.94	489637	20.0
unknown-03	8.65	6.5	ng/ul	158253	1	7.94	489637	20.0
1H-Imidazole, 4-m...	9.09	10.6	ng/ul	258832	1	7.94	489637	20.0
unknown-04	9.82	5.7	ng/ul	212492	2	10.74	750260	20.0
Pyrido[2,3-d]pyri...	10.87	7.0	ng/ul	262366	2	10.74	750260	20.0
unknown-05	13.97	9.7	ng/ul	526599	3	14.57	1085490	20.0
unknown-06	14.78	3.0	ng/ul	165096	3	14.57	1085490	20.0
unknown-07	15.68	2.1	ng/ul	114445	3	14.57	1085490	20.0
Chlordene, .alpha...	18.19	5.2	ng/ul	328910	4	17.31	1274380	20.0
Chlordene, .gamma.-	18.59	2.8	ng/ul	176976	4	17.31	1274380	20.0
1,6-Methano-1H-in...	18.62	2.6	ng/ul	166793	4	17.31	1274380	20.0
unknown-08	19.07	2.6	ng/ul	163057	4	17.31	1274380	20.0
Naphthalene, 1,4,...	19.31	2.2	ng/ul	142622	4	17.31	1274380	20.0
unknown-09	19.47	2.8	ng/ul	219857	5	21.56	1599010	20.0
trans-Chlordane	19.51	13.2	ng/ul	1051420	5	21.56	1599010	20.0
trans-Nonachlor	20.44	3.8	ng/ul	304470	5	21.56	1599010	20.0
Allopregnane-3.al...	20.64	5.7	ng/ul	456007	5	21.56	1599010	20.0
(DEL) Alkane: Str...	21.23	2.3	ng/ul	180475	5	21.56	1599010	20.0
Benzeneethanamine...	23.00	2.4	ng/ul	187978	5	21.56	1599010	20.0