LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046426.D
Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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	5	9	34	rVB	1482147	2404619	75.11%	7.820%
2	3.400	49	53	59	rVB	15716	24031	0.75%	0.078%
3	3.917	137	141	149	rVB4	5450	9847	0.31%	0.032%
4	4.052	160	164	172	rVB2	14268	22932	0.72%	0.075%
5	4.364	212	217	223	rVB	28748	41011	1.28%	0.133%
6	4.775	281	287	293	rBV	11920	18145	0.57%	0.059%
7	5.057	329	335	343	rBV3	9201	17541	0.55%	0.057%
8	7.113	678	685	699	rBV	308168	539178	16.84%	1.753%
9	7.266	703	711	723	rBV	237152	397470	12.42%	1.293%
10	7.478	739	747	757	rBV	314466	545489	17.04%	1.774%
11	7.572	757	763	771	rVB5	4105	9443	0.29%	0.031%
12	7.942	818	826	835	rBV	280823	473063	14.78%	1.538%
13	8.653	939	947	962	rBV	377672	678280	21.19%	2.206%
14	9.093	1014	1022	1041	rBV	294121	520987	16.27%	1.694%
15	9.816	1138	1145	1157	rBV	247835	446089	13.93%	1.451%
16	10.363	1228	1238	1249	rBV	411252	740107	23.12%	2.407%
17	10.739	1293	1302	1316	rVB	410064	736352	23.00%	2.395%
18	10.868	1316	1324	1338	rBV	349659	671643	20.98%	2.184%
19	12.325	1567	1572	1578	rBV2	5644	10520	0.33%	0.034%
20	13.183	1713	1718	1723	rBV3	3718	6553	0.20%	0.021%
21	13.477	1763	1768	1772	rVV2	4220	6880	0.21%	0.022%
22	13.976	1845	1853	1857	rVV	725046	1072606	33.51%	3.488%
23	14.017	1857	1860	1867	rVV	83561	121909	3.81%	0.396%
24	14.264	1892	1902	1914	rBV	858772	1397635	43.66%	4.545%
25	14.569	1946	1954	1962	rBV2	676232	1061122	33.15%	3.451%
26	14.634	1962	1965	1973	rVB3	5064	8260	0.26%	0.027%
27	14.775	1980	1989	2007	rBV	195985	399799	12.49%	1.300%
28	14.981	2020	2024	2030	rVB5	4553	7477	0.23%	0.024%
29	15.380	2085	2092	2097	rBV5	4061	7404	0.23%	0.024%
30	15.427	2097	2100	2106	rVV4	4147	5804	0.18%	0.019%
31	15.562	2115	2123	2130	rBV	1172082	1748053	54.61%	5.685%
32	15.615	2130	2132	2137	rVB3	8979	10440	0.33%	0.034%
33	15.680	2137	2143	2152	rBV	218826	334255	10.44%	1.087%
34	15.803	2160	2164	2168	rBV2	11802	17304	0.54%	0.056%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046426.D
Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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	15.921	2180	2184	2189	rVB4	4752	6424	0.20%	0.021%
36	16.291	2243	2247	2250	rBV2	7468	9191	0.29%	0.030%
37	16.344	2254	2256	2262	rVB5	5768	7870	0.25%	0.026%
38	16.855	2339	2343	2346	rBV3	3805	6992	0.22%	0.023%
39	16.896	2346	2350	2353	rVV4	4453	6701	0.21%	0.022%
40	16.967	2357	2362	2371	rVB4	7467	14695	0.46%	0.048%
41	17.049	2371	2376	2378	rBV4	3973	6334	0.20%	0.021%
42	17.131	2387	2390	2395	rVB4	5418	8295	0.26%	0.027%
43	17.313	2414	2421	2426	rBV	861679	1293025	40.39%	4.205%
44	17.354	2426	2428	2432	rVV	123210	143181	4.47%	0.466%
45	17.413	2432	2438	2450	rVB	1186341	1766854	55.19%	5.746%
46	17.501	2450	2453	2460	rVB6	5562	8408	0.26%	0.027%
47	17.560	2460	2463	2466	rBV5	8098	12855	0.40%	0.042%
48	17.707	2486	2488	2493	rVB2	5853	8479	0.26%	0.028%
49	17.742	2493	2494	2500	rVB5	3460	5295	0.17%	0.017%
50	17.883	2514	2518	2524	rBV5	38871	54869	1.71%	0.178%
51	18.112	2551	2557	2562	rBV10	10380	18177	0.57%	0.059%
52	18.189	2565	2570	2575	rVV3	55484	89876	2.81%	0.292%
53	18.236	2575	2578	2582	rVV	29682	46517	1.45%	0.151%
54	18.271	2582	2584	2589	rVV	7896	10890	0.34%	0.035%
55	18.318	2589	2592	2596	rVV	10632	15381	0.48%	0.050%
56	18.383	2596	2603	2607	rVV2	33057	64770	2.02%	0.211%
57	18.424	2607	2610	2616	rVB2	17966	25308	0.79%	0.082%
58	18.535	2626	2629	2633	rVV4	17112	28202	0.88%	0.092%
59	18.588	2633	2638	2641	rVV2	119058	190704	5.96%	0.620%
60	18.618	2641	2643	2650	rVB2	91203	100838	3.15%	0.328%
61	18.688	2650	2655	2658	rBV2	26721	42784	1.34%	0.139%
62	18.741	2658	2664	2668	rVB3	32112	68379	2.14%	0.222%
63	18.811	2673	2676	2681	rBV6	9236	9981	0.31%	0.032%
64	18.870	2683	2686	2690	rBV6	13862	18182	0.57%	0.059%
65	18.941	2695	2698	2702	rVB5	7669	10197	0.32%	0.033%
66	18.988	2702	2706	2709	rBV3	34977	45069	1.41%	0.147%
67	19.023	2709	2712	2715	rVB4	8957	10837	0.34%	0.035%
68	19.070	2715	2720	2724	rBV	147168	206098	6.44%	0.670%
69	19.105	2724	2726	2729	rBV2	8275	7416	0.23%	0.024%
70	19.193	2738	2741	2745	rVB3	13580	15174	0.47%	0.049%
71	19.246	2745	2750	2757	rVB3	34227	76586	2.39%	0.249%

LSC Area Percent Report

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Data File : BG046426.D
Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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	19.328	2757	2764	2766	rBV5	52943	104561	3.27%	0.340%
73	19.364	2766	2770	2774	rVV	276603	388769	12.14%	1.264%
74	19.405	2774	2777	2784	rVB2	108853	147492	4.61%	0.480%
75	19.469	2784	2788	2791	rBV	105537	150241	4.69%	0.489%
76	19.511	2791	2795	2800	rVB	314935	444194	13.88%	1.445%
77	19.587	2800	2808	2812	rBV2	16201	37400	1.17%	0.122%
78	19.628	2812	2815	2818	rVV	20315	28778	0.90%	0.094%
79	19.699	2818	2827	2840	rVV2	1681473	3201252	100.00%	10.411%
80	19.804	2840	2845	2853	rVB3	33188	57250	1.79%	0.186%
81	19.916	2858	2864	2868	rBV2	31482	60557	1.89%	0.197%
82	19.963	2869	2872	2877	rVB3	18032	27999	0.87%	0.091%
83	20.039	2880	2885	2887	rBV4	26136	44104	1.38%	0.143%
84	20.069	2887	2890	2894	rVB4	34193	46909	1.47%	0.153%
85	20.216	2912	2915	2919	rVB	49910	68479	2.14%	0.223%
86	20.374	2938	2942	2946	rVB3	32944	46084	1.44%	0.150%
87	20.433	2950	2952	2955	rVV3	16868	15136	0.47%	0.049%
88	20.515	2963	2966	2970	rBV	24025	24987	0.78%	0.081%
89	20.639	2984	2987	2991	rBV3	44031	55869	1.75%	0.182%
90	20.974	3041	3044	3049	rVB2	30850	46142	1.44%	0.150%
91	21.226	3082	3087	3096	rVB4	308138	499130	15.59%	1.623%
92	21.561	3136	3144	3149	rBV2	942255	1710154	53.42%	5.562%
93	21.608	3149	3152	3160	rVB	128850	199406	6.23%	0.648%
94	22.995	3383	3388	3392	rBV	93780	180344	5.63%	0.586%
95	23.688	3500	3506	3514	rBV	95788	306979	9.59%	0.998%
96	23.806	3522	3526	3533	rVB3	53885	101260	3.16%	0.329%
97	24.387	3620	3625	3628	rBV	47882	100881	3.15%	0.328%
98	24.464	3629	3638	3646	rBV	765650	2001315	62.52%	6.508%
99	24.675	3665	3674	3691	rBV2	496401	1516349	47.37%	4.931%
100	25.815	3862	3868	3877	rVB2	59413	164244	5.13%	0.534%

Sum of corrected areas: 30749347

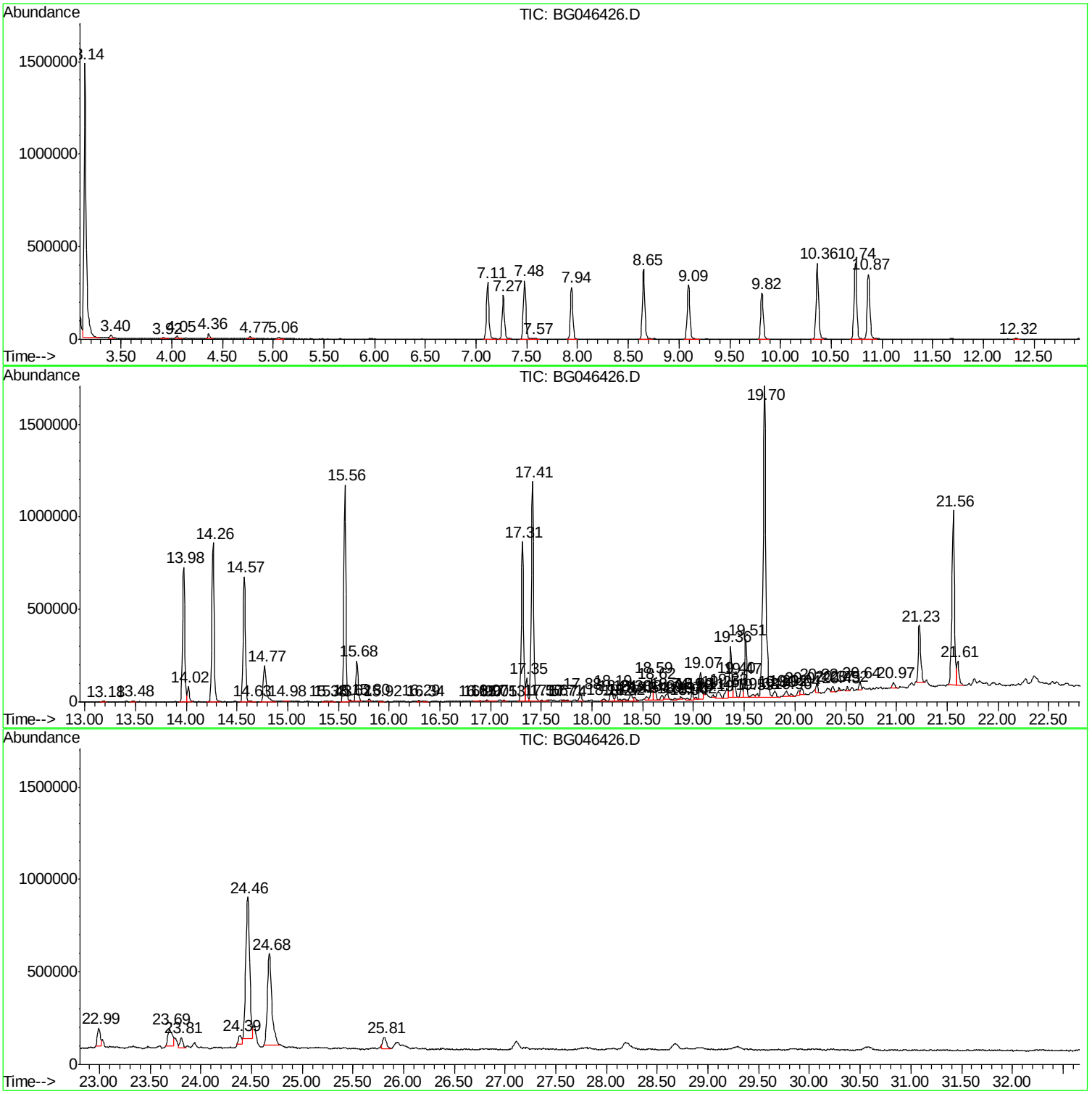
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046426.D
Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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 : BG046426.D
Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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

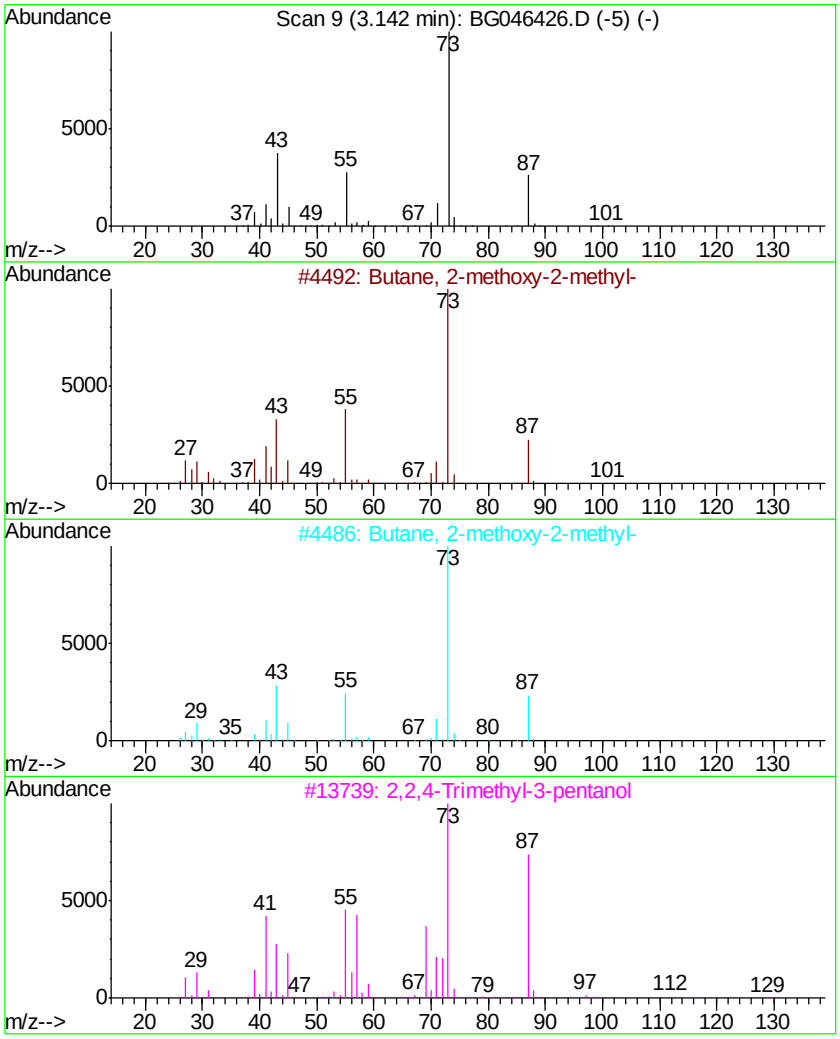
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

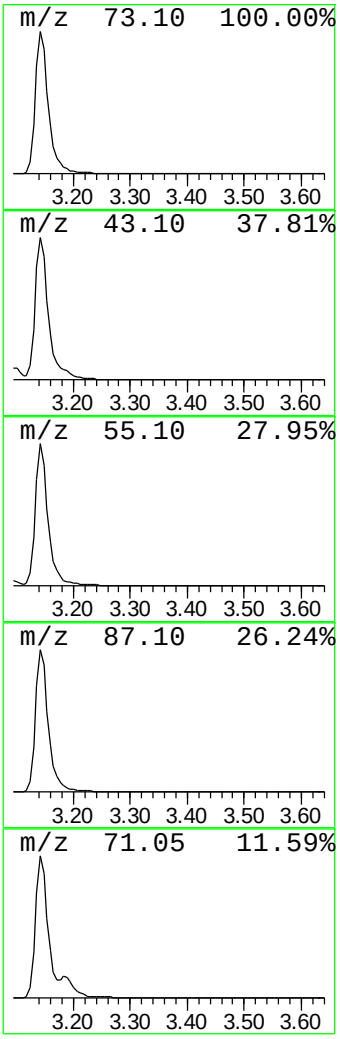
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	101.66 ng/ul	2404620	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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046426.D
Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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

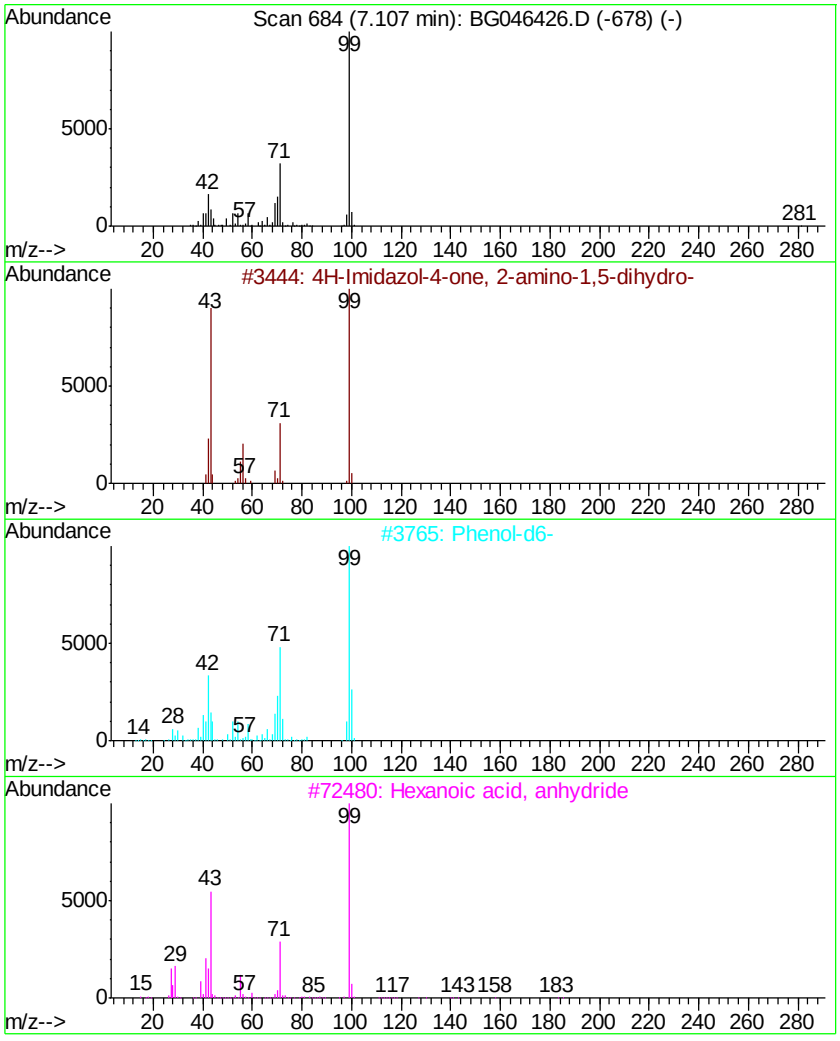
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

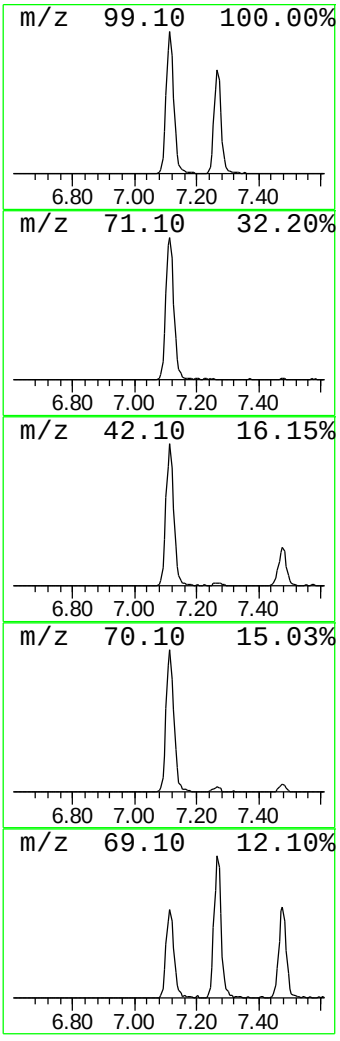
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	22.80 ng/ul	539178	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	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	45
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046426.D
Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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

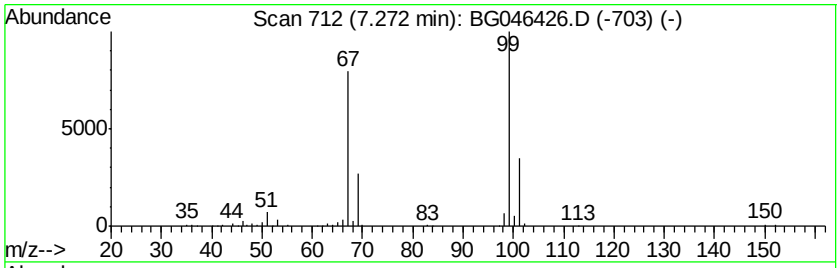
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

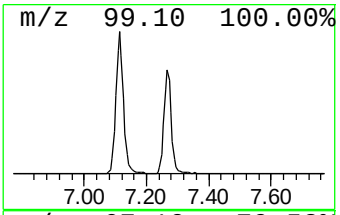
****

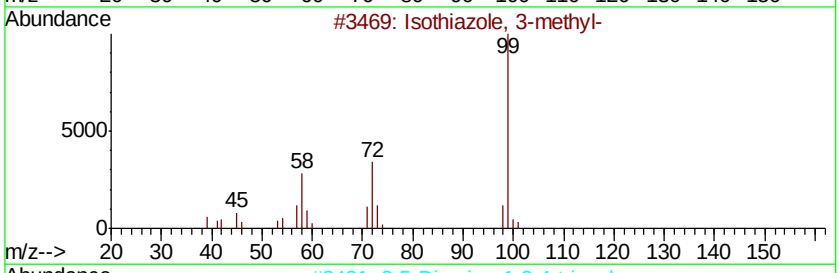
Peak Number 3 unknown-01 Concentration Rank 8

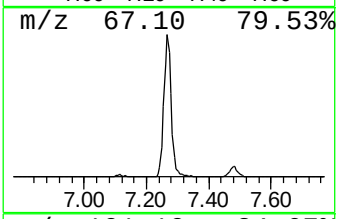
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	16.80 ng/ul	397470	1,4-Dichlorobenzene-d4	7.94

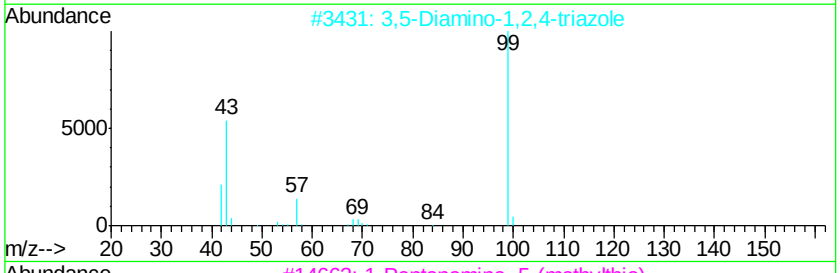
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
4	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
5	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	7

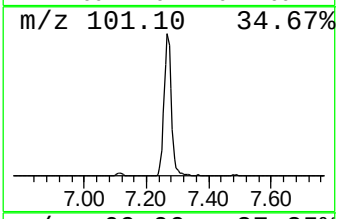


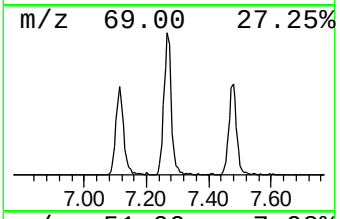


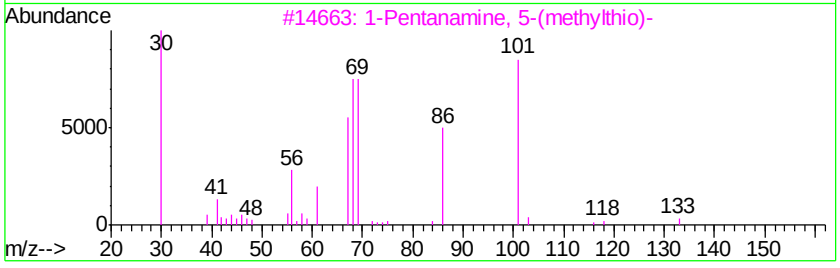


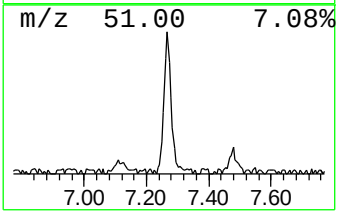












Library Search Compound Report

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Data File : BG046426.D
Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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

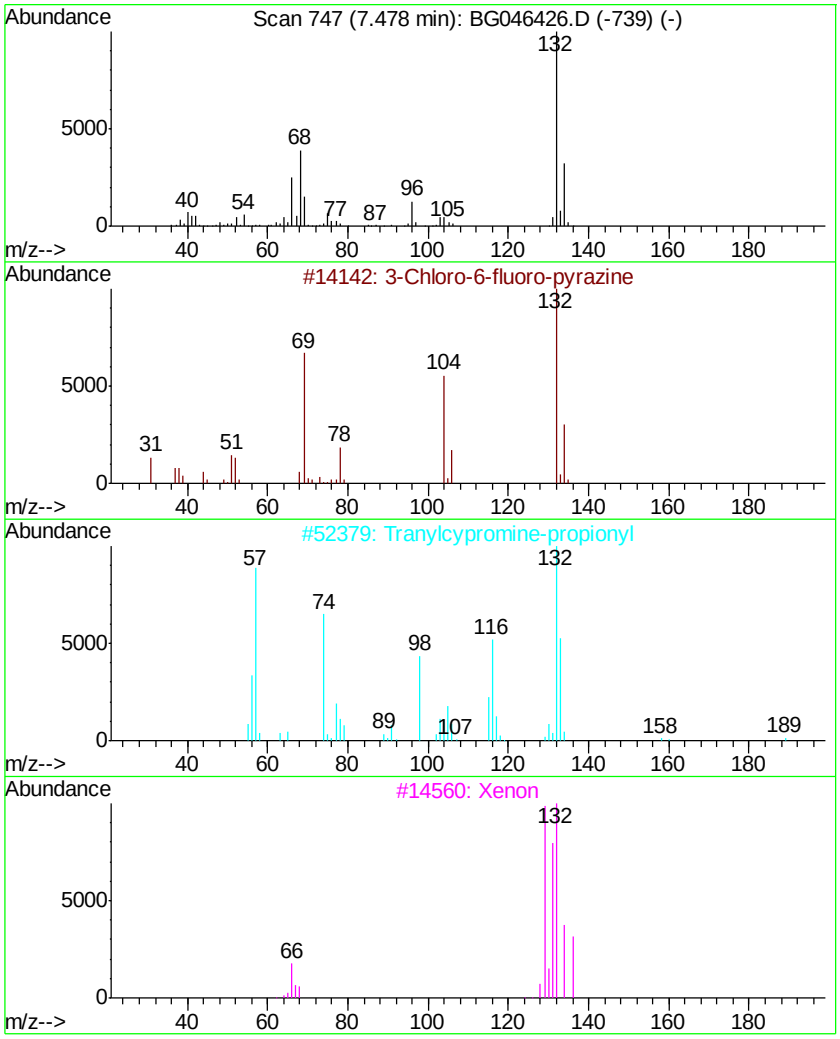
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

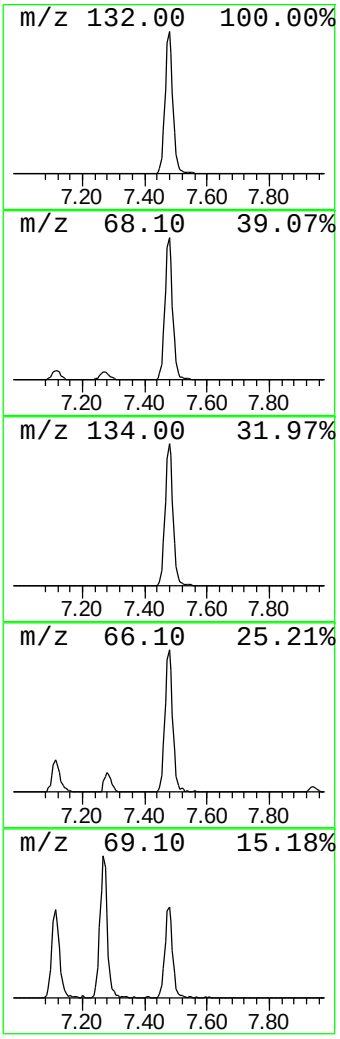
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	23.06 ng/ul	545489	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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Quant Title : SVOA CALIBRATION

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

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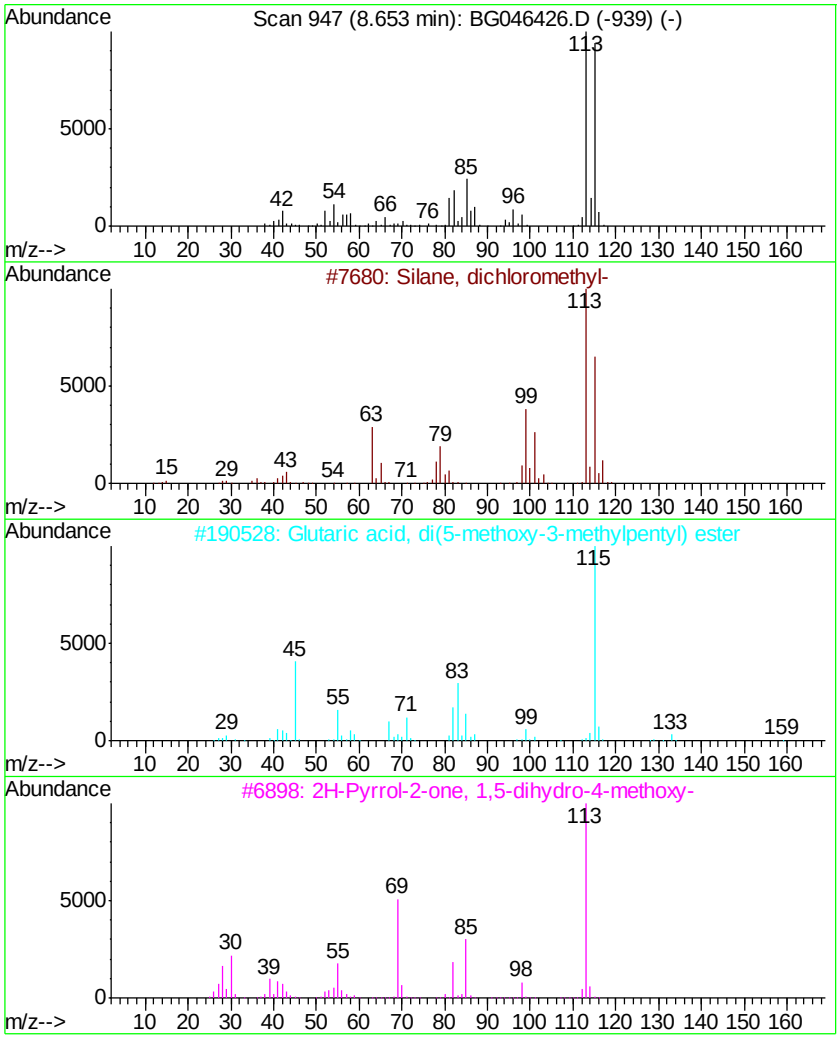
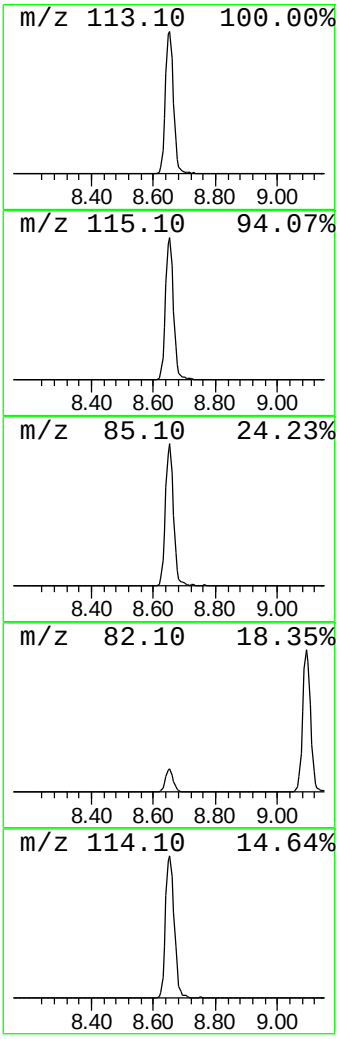
Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	28.68 ng/ul	678280	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	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	35
3	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
4	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	27
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25





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Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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Quant Title : SVOA CALIBRATION

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

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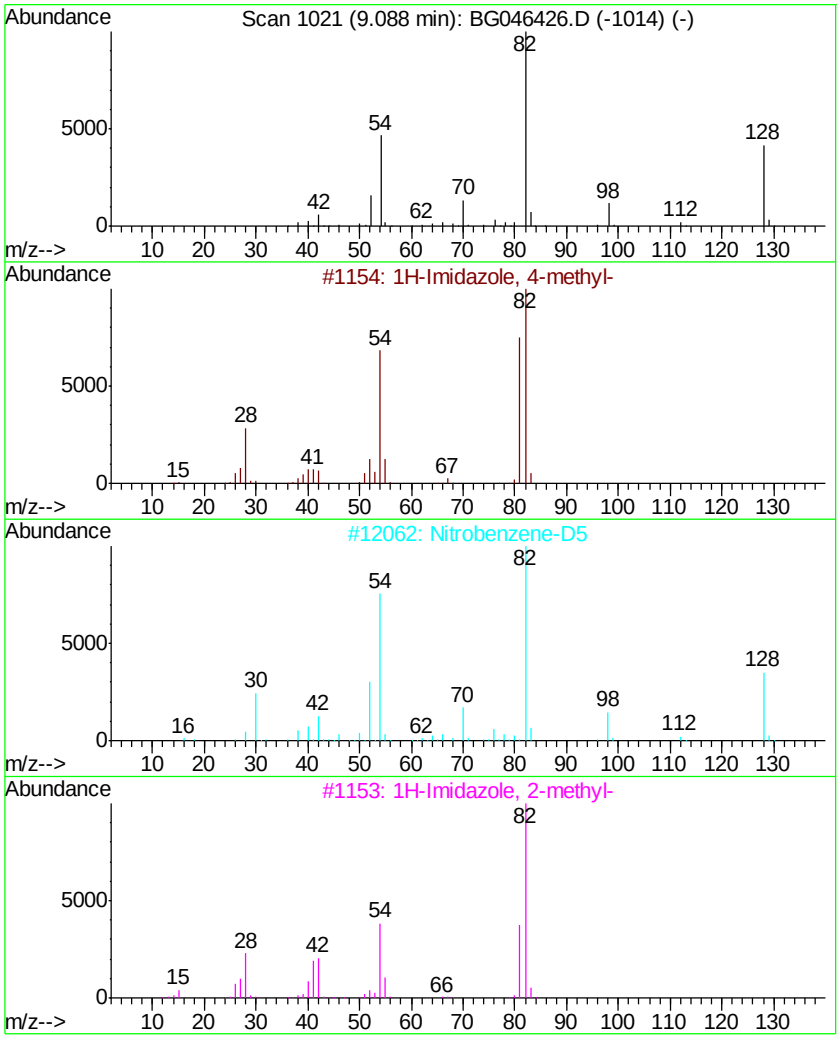
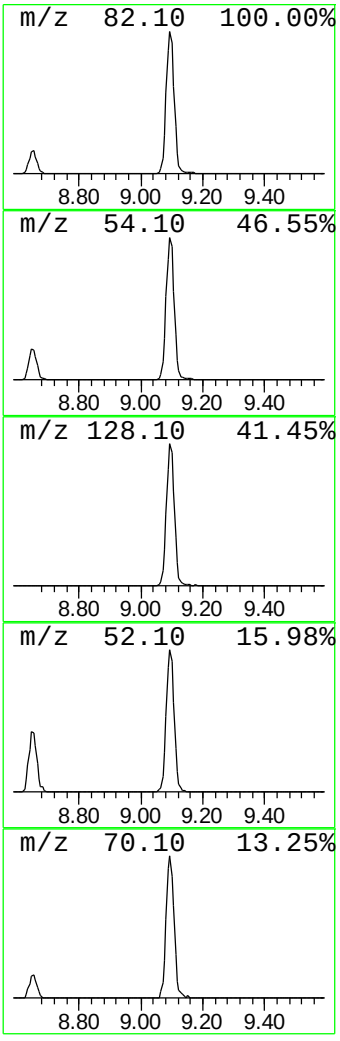
Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	22.03 ng/ul	520987	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, 2-methyl-	82	C4H6N2	000693-98-1	38
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	10





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Operator : CG/JU
Sample : L3649-02
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Instrument : BNA_G
ClientSampleId : BFMW9

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Quant Title : SVOA CALIBRATION

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

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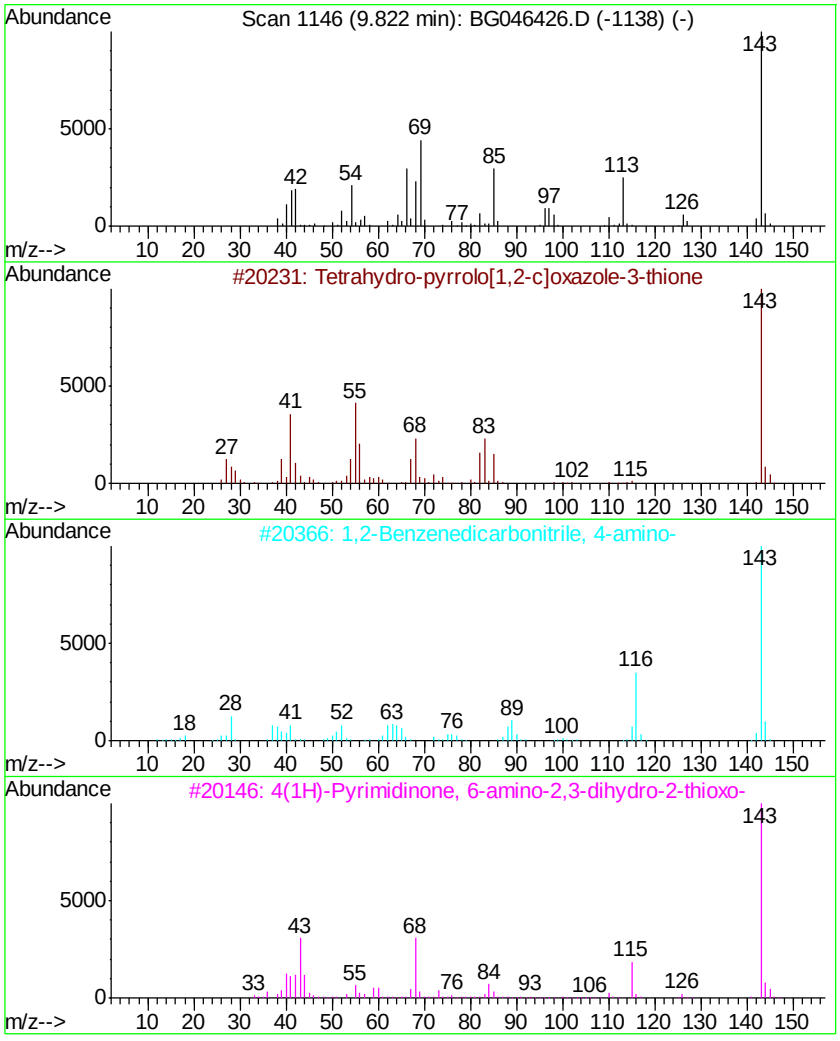
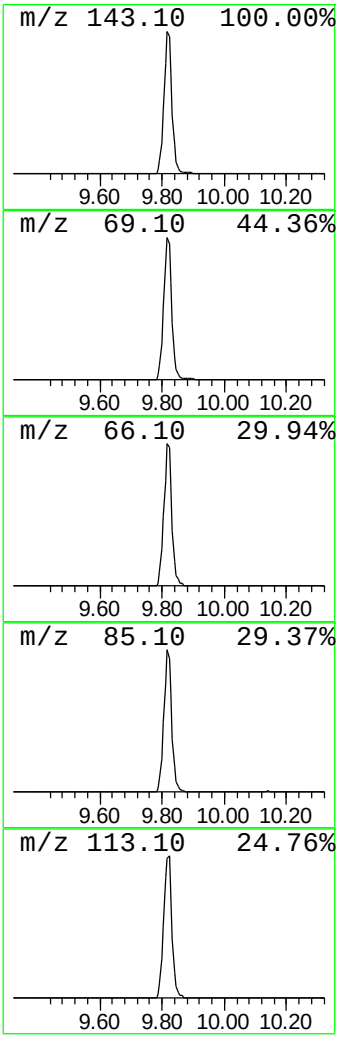
Peak Number 7 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	12.12 ng/ul	446089	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
2	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
3	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
4	3-Pyrrolidinone, 4,4-dimethyl-5-...	143	C6H9NOS	077611-54-2	9
5	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	9





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Operator : CG/JU
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Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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Quant Title : SVOA CALIBRATION

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

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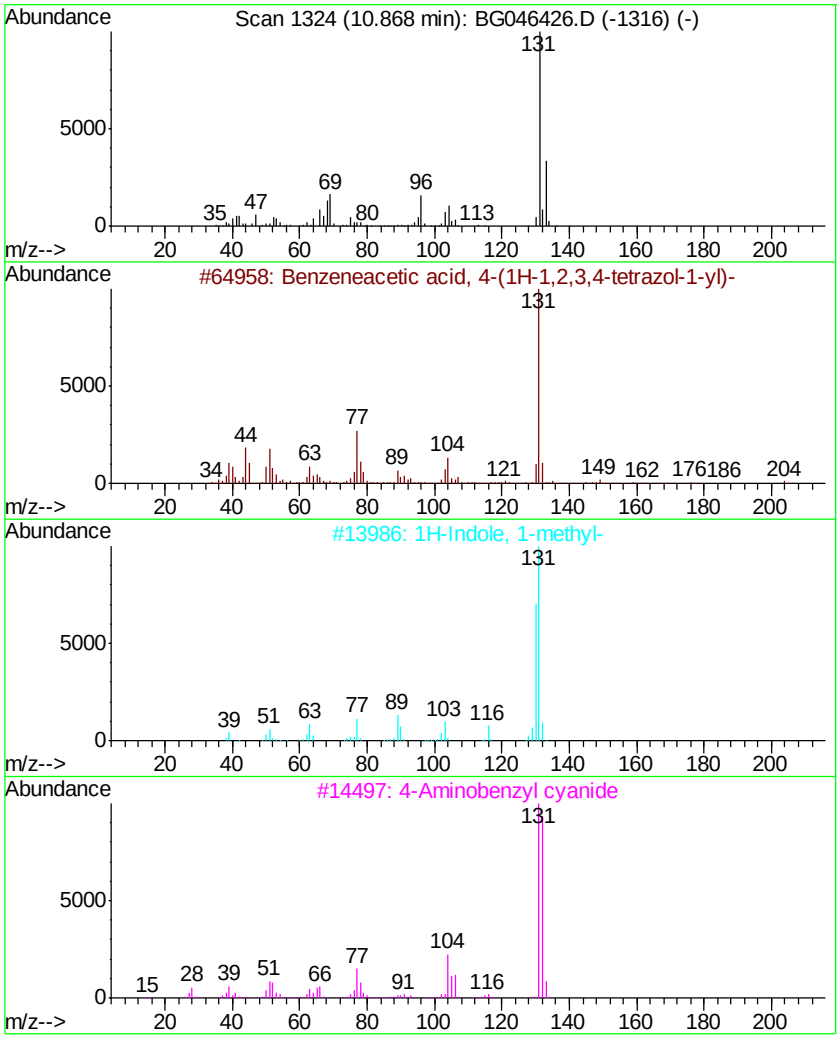
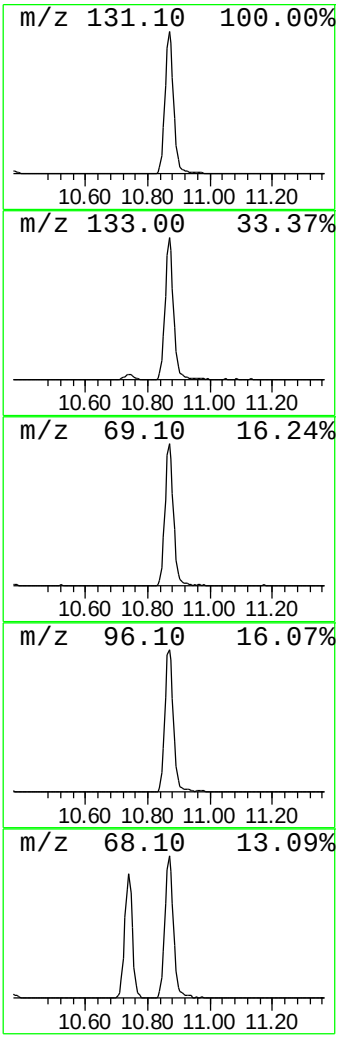
Peak Number 8 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	18.24 ng/ul	671643	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
3	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	9
4	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	9
5	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	9





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Instrument : BNA_G
ClientSampleId : BFMW9

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Quant Title : SVOA CALIBRATION

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

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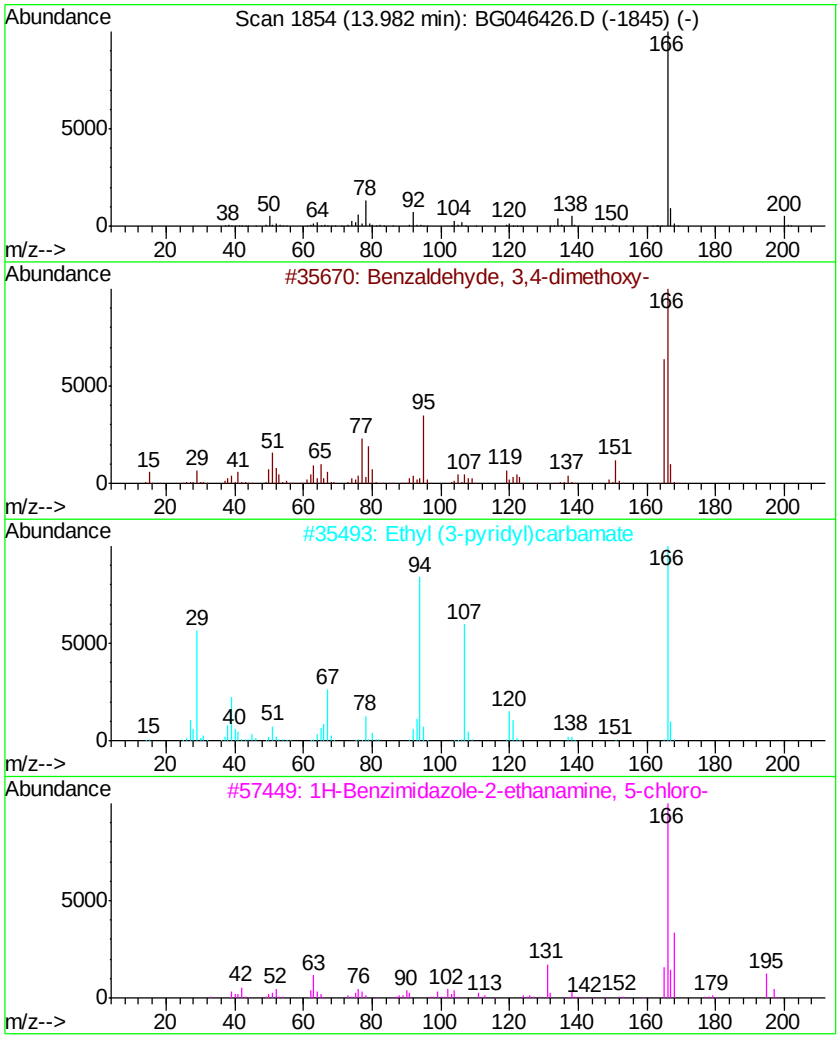
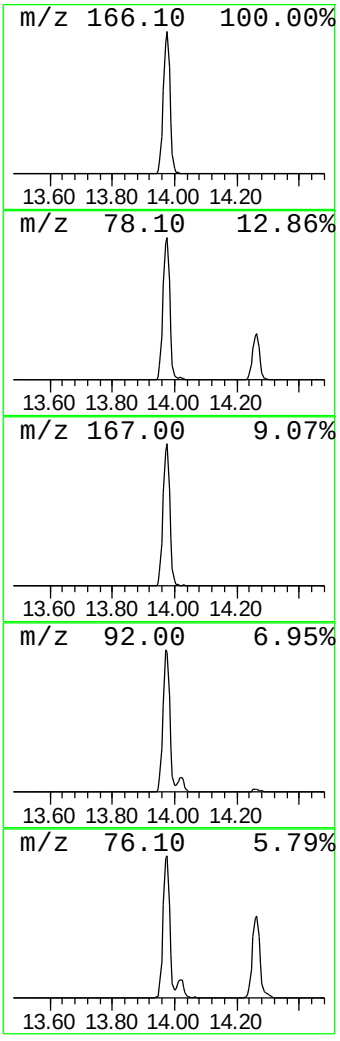
Peak Number 9 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	20.22 ng/ul	1072610	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
3	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	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





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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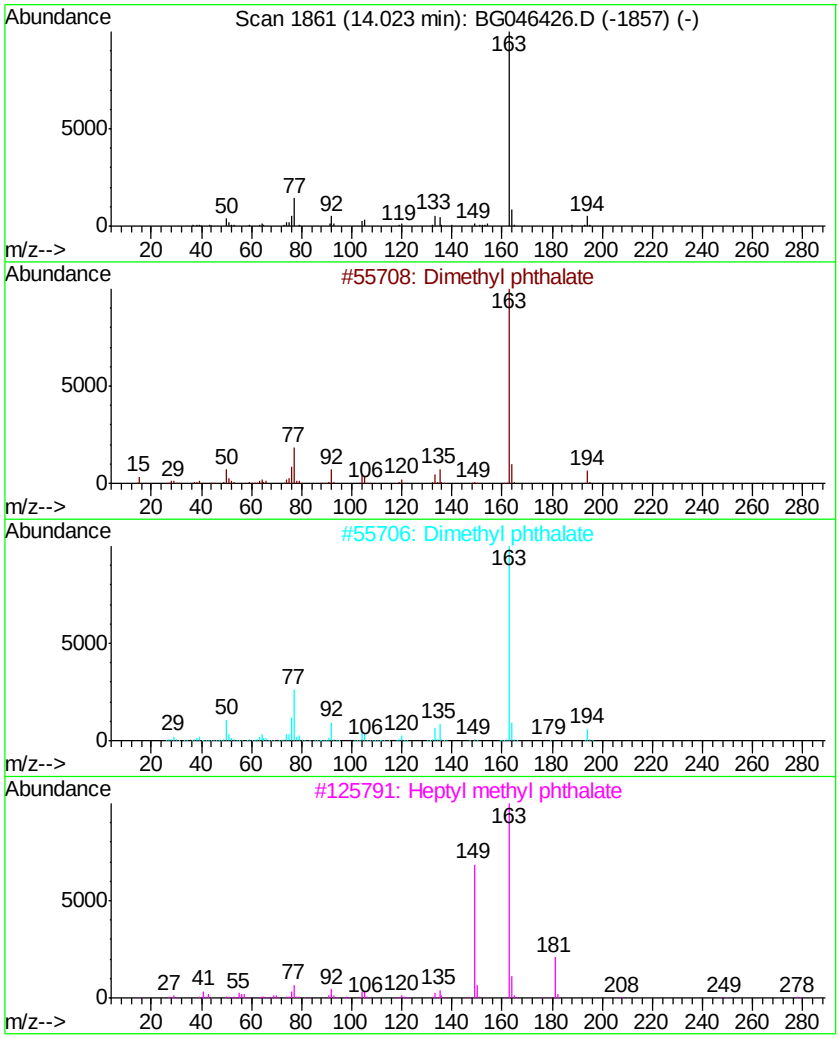
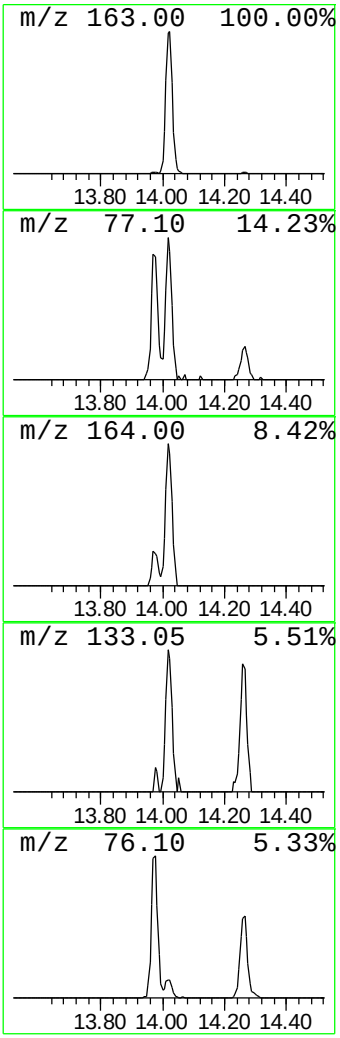
Peak Number 10 Dimethyl phthalate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.30 ng/ul	121909	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
3	Heptyl methyl phthalate	278	C16H22O4	1000373-88-4	72
4	Methyl 4-methylpentyl phthalate	264	C15H20O4	1000373-82-6	72
5	2-Ethylbutyl methyl phthalate	264	C15H20O4	1000373-89-6	72





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Sample : L3649-02
Misc :
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Instrument : BNA_G
ClientSampleId : BFMW9

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Quant Title : SVOA CALIBRATION

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

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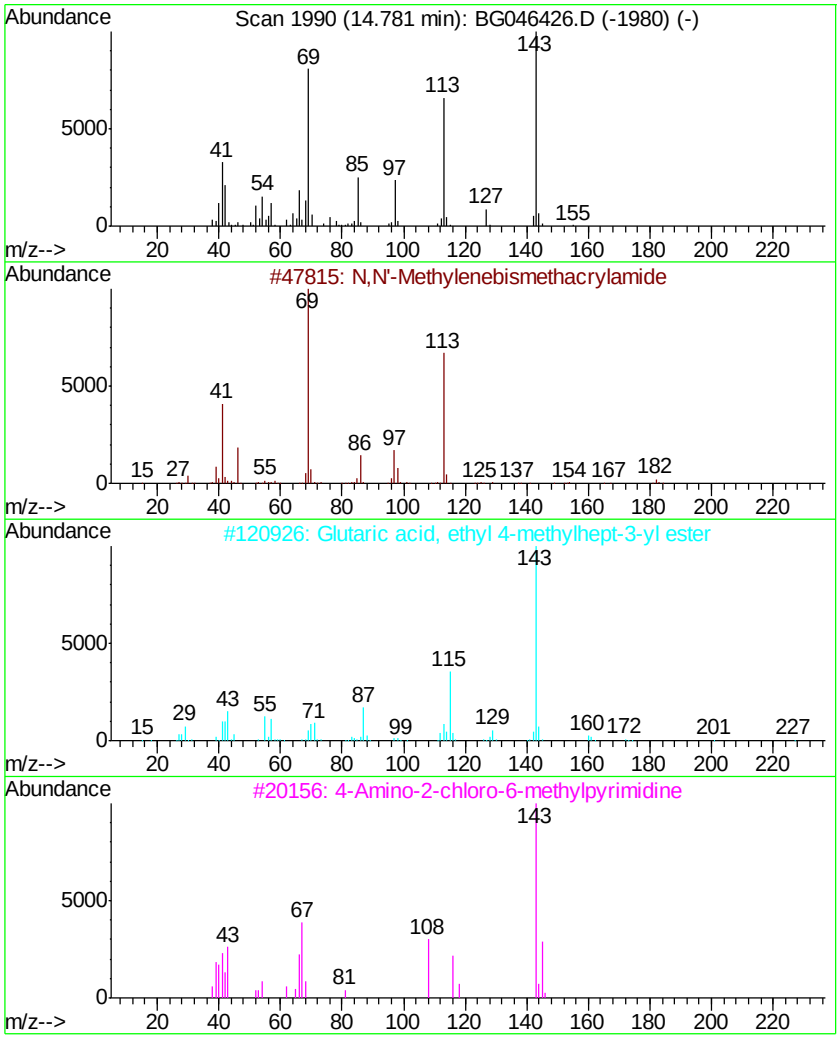
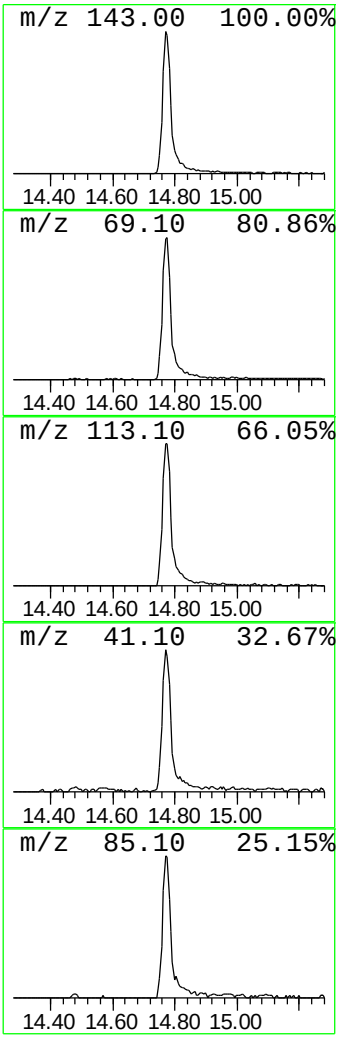
Peak Number 11 unknown-07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	7.54 ng/ul	399799	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	22
2	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	14
3	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	14
4	2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	10
5	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	10





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Instrument : BNA_G
ClientSampleId : BFMW9

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Quant Title : SVOA CALIBRATION

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

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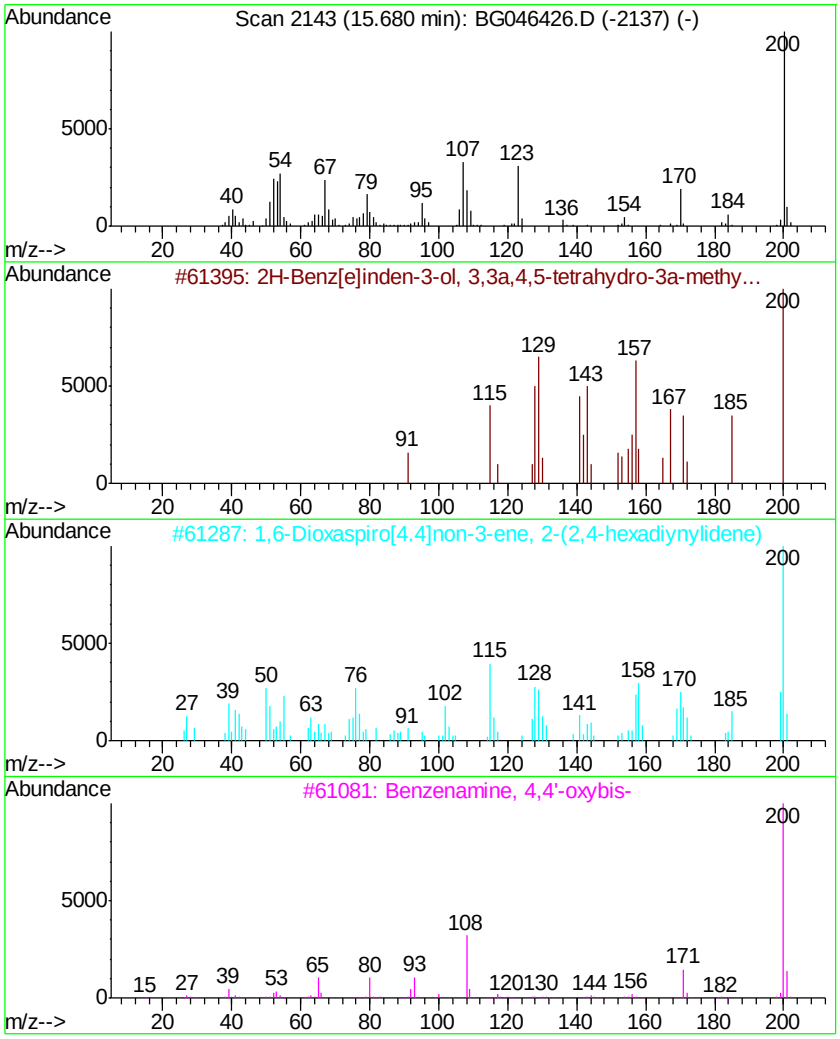
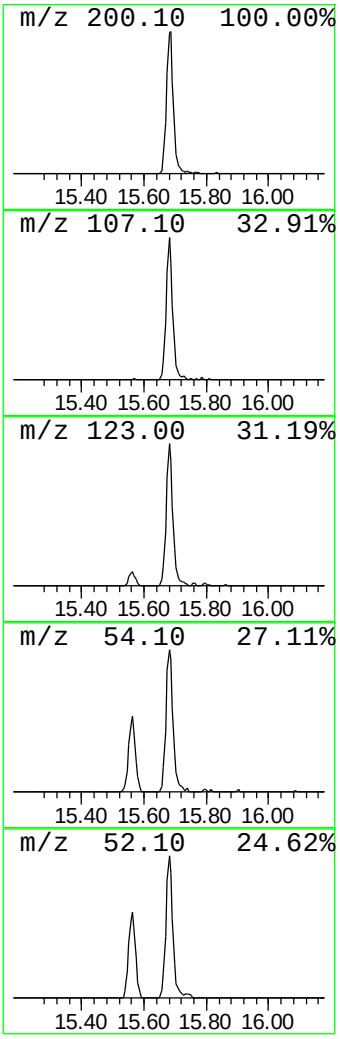
Peak Number 12 unknown-08 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	6.30 ng/ul	334255	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	1,6-Dioxaspiro[4.4]non-3-ene, 2-...	200	C13H12O2	016863-61-9	16
3	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	14
4	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	14
5	Benzenesulfonamide, N-[2-[(4-flu...	384	C21H21FN2O2S	1000319-67-4	12





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ClientSampleId : BFMW9

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Quant Title : SVOA CALIBRATION

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

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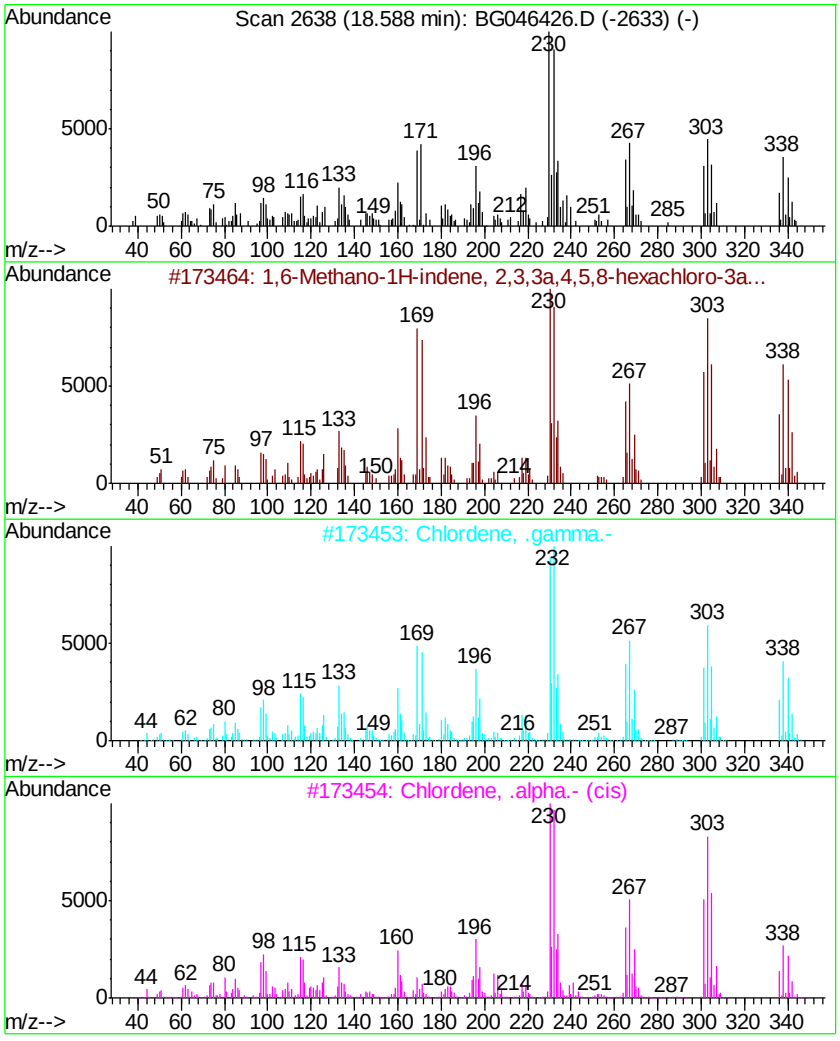
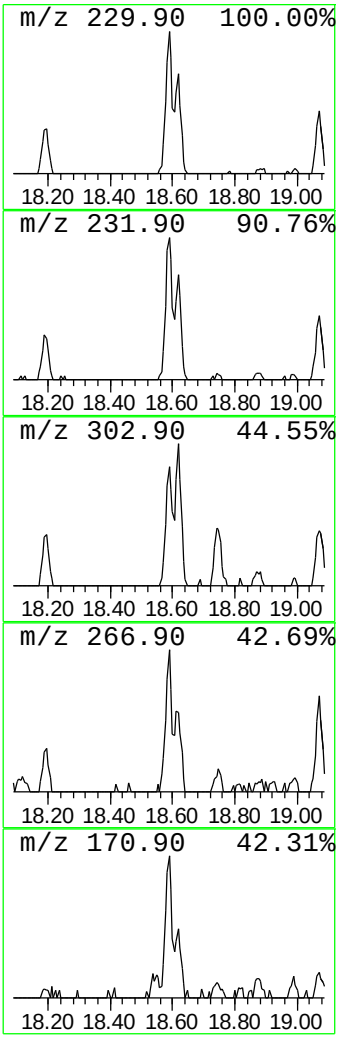
Peak Number 13 1,6-Methano-1H-indene, 2,3,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.95 ng/ul	190704	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	98
2	Chlordene, .gamma.-	336	C10H6Cl6	1000378-50-6	93
3	Chlordene, .alpha.- (cis)	336	C10H6Cl6	1000378-50-5	87
4	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	50
5	Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	43





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ClientSampleId : BFMW9

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Quant Title : SVOA CALIBRATION

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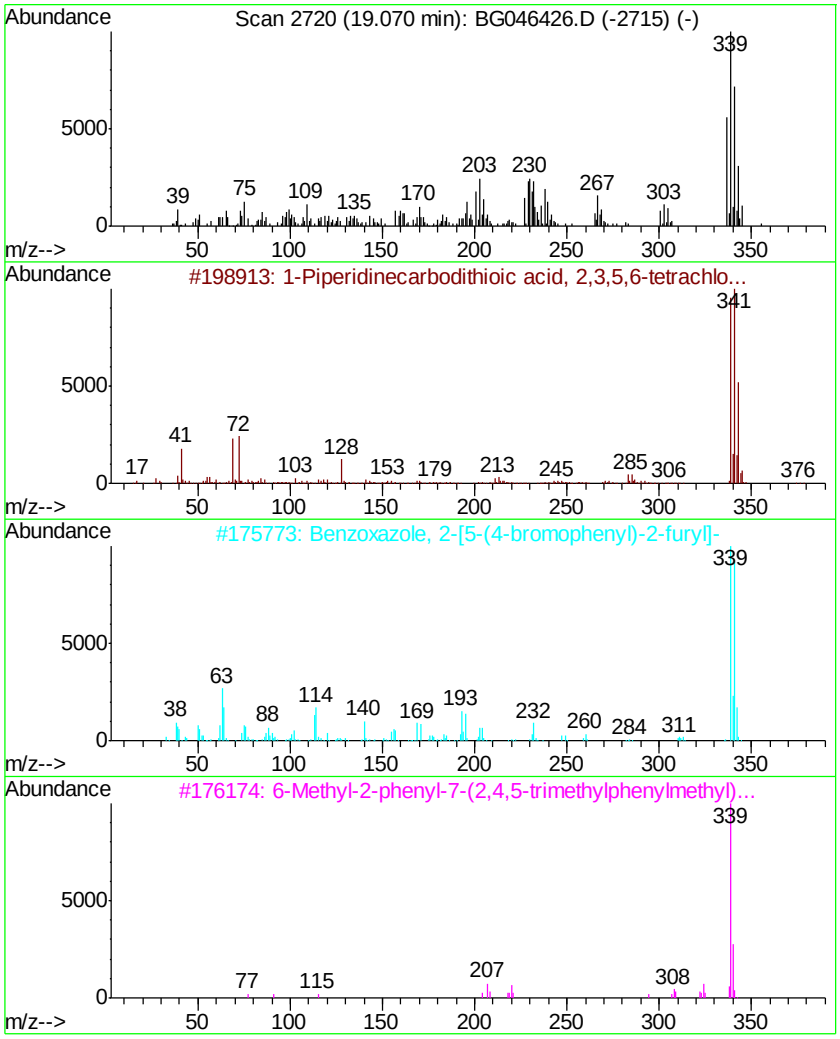
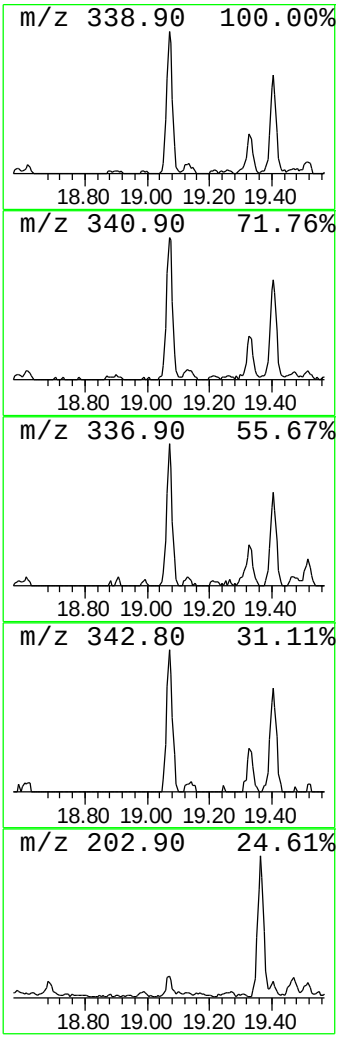
Peak Number 14 unknown-09 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	3.19 ng/ul	206098	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Piperidinecarbodithioic acid, ...	374	C11H10Cl4N2S2	1000305-28-9	27
2	Benzoxazole, 2-[5-(4-bromophenyl...	339	C17H10BrNO2	1000269-85-0	25
3	6-Methyl-2-phenyl-7-(2,4,5-trime...	339	C25H25N	064002-76-2	14
4	4-Phenyl-2-(2-hydroxyphenyl)-6-(...	339	C22H17N3O	1000070-58-2	10
5	Spiro[2,5-cyclohexadiene-1,7'(1'...	339	C20H21NO4	004880-87-9	10





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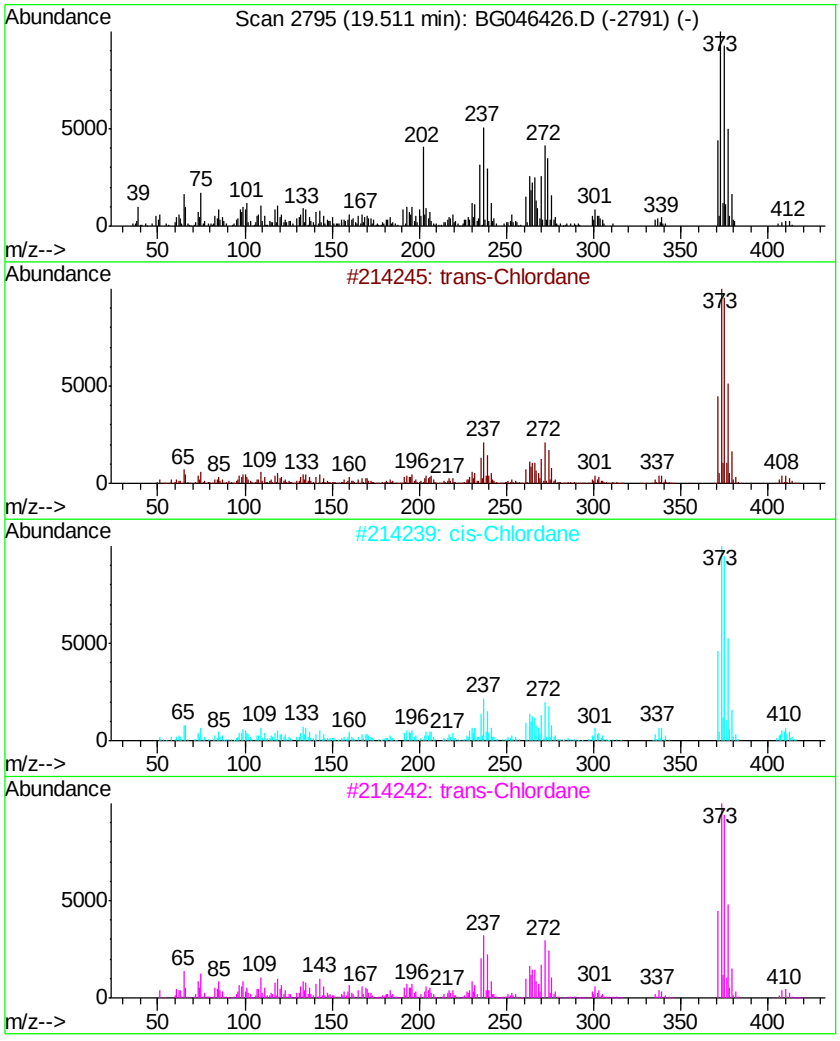
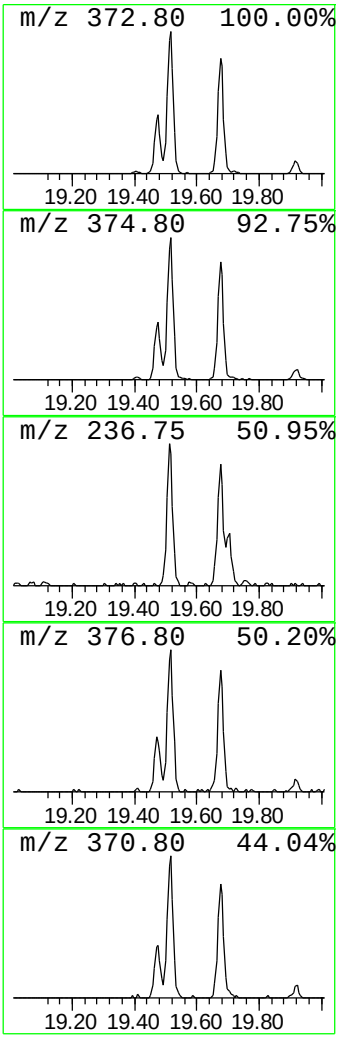
Peak Number 15 trans-Chlordane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	5.19 ng/ul	444194	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	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046426.D
Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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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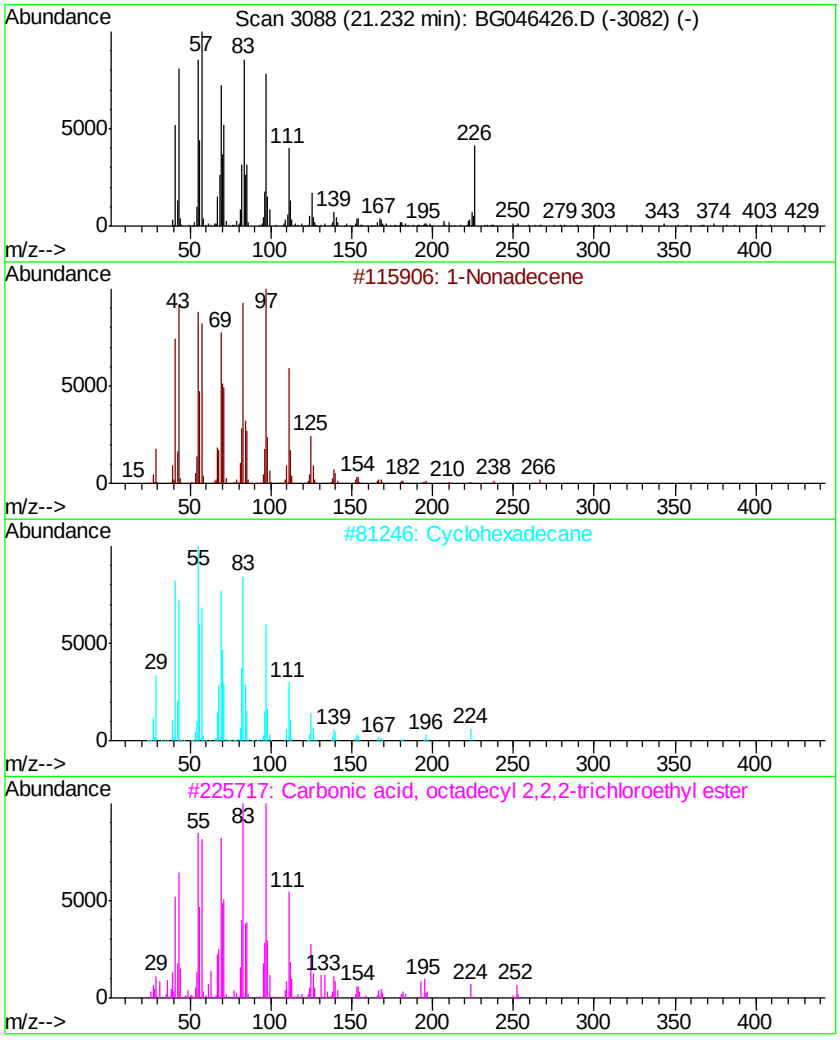
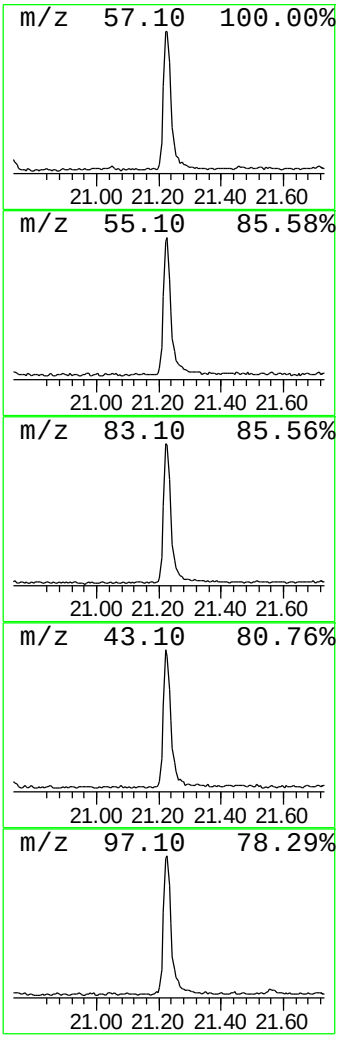
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	5.84 ng/ul	499130	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046426.D
Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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

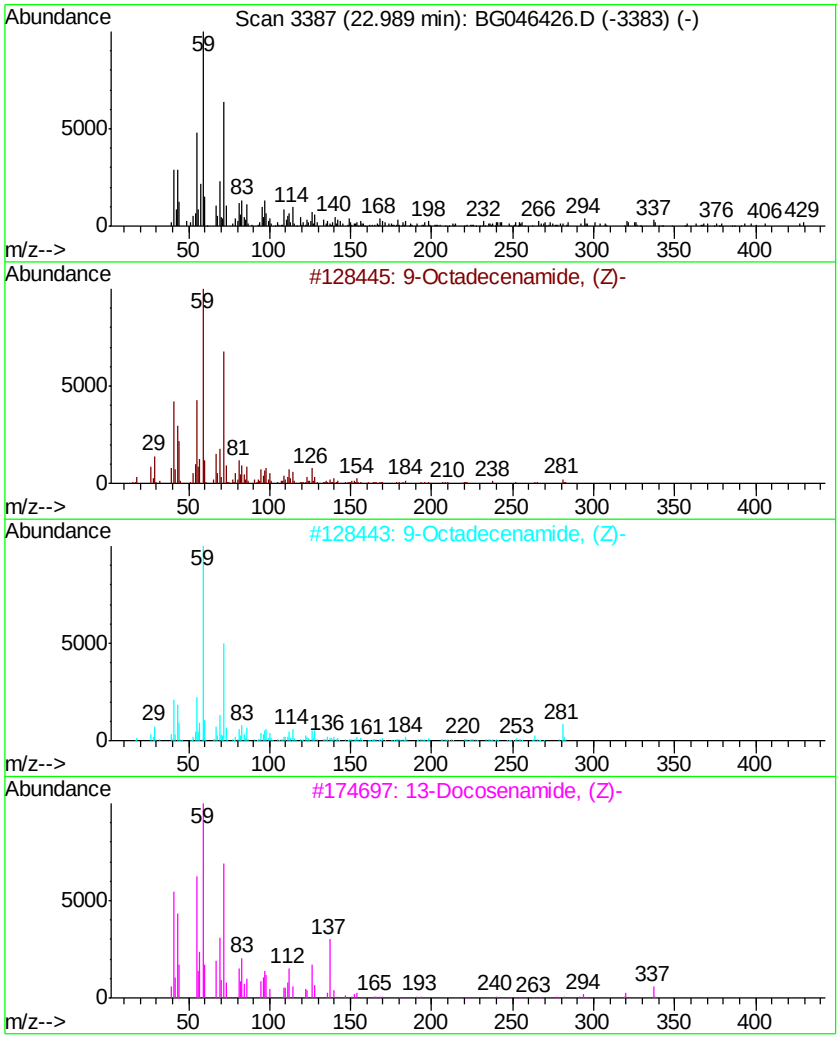
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

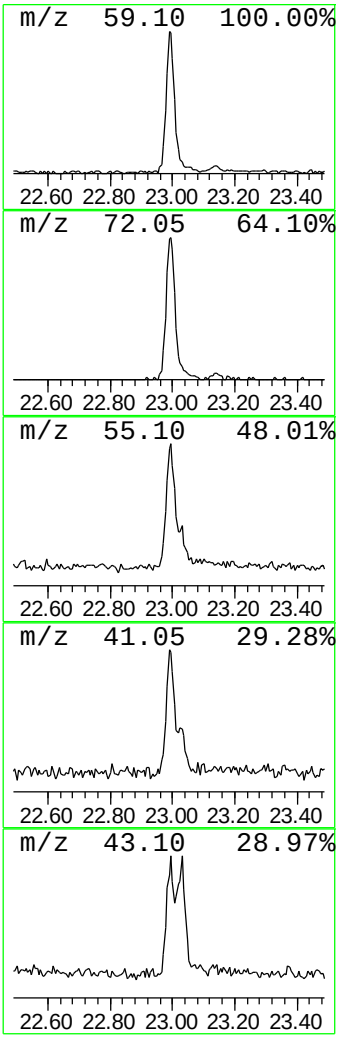
****

Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	2.11 ng/ul	180344	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	81
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	60
4	Tetradecanamide	227	C14H29NO	000638-58-4	50
5	Dodecanamide	199	C12H25NO	001120-16-7	50





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Data File : BG046426.D
Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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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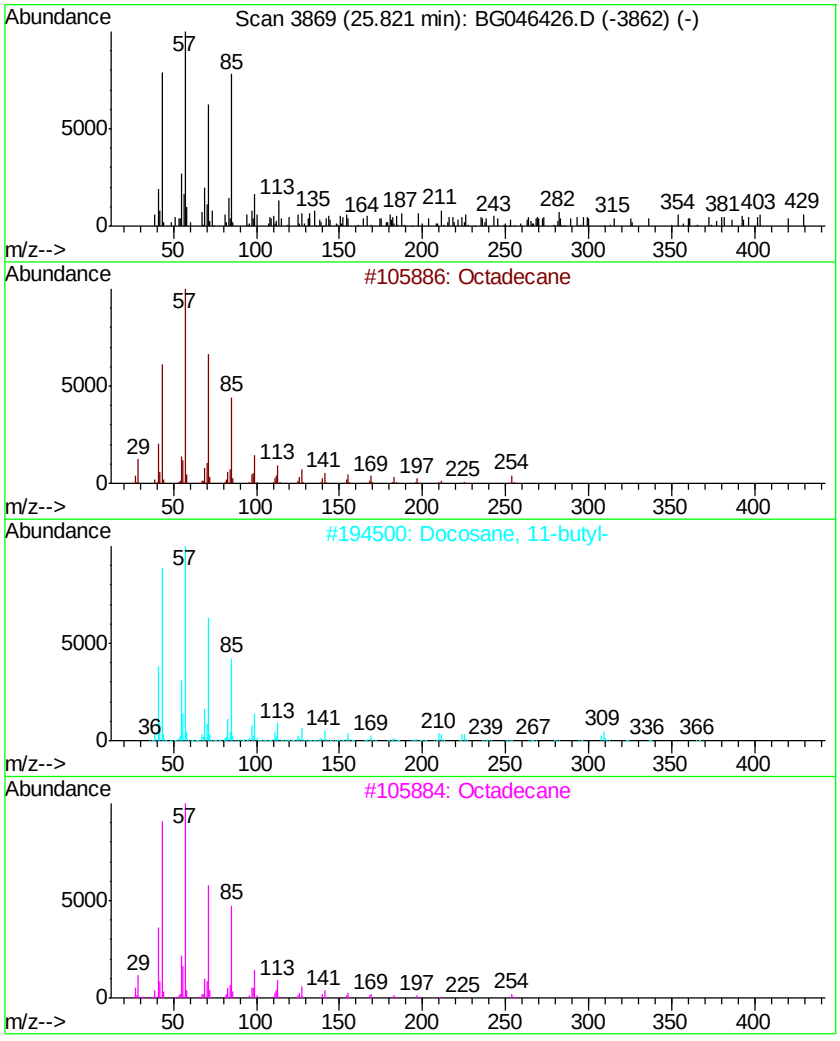
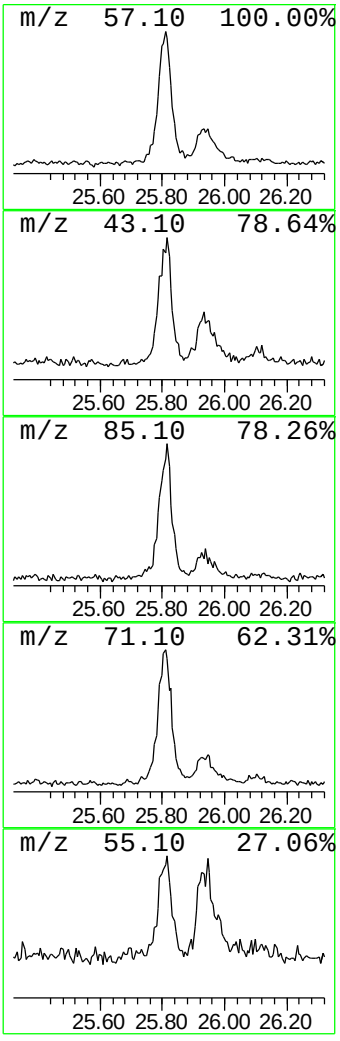
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.82	2.17 ng/ul	164244	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
3	Octadecane	254	C18H38	000593-45-3	86
4	Hexadecane	226	C16H34	000544-76-3	70
5	Heptacosane	380	C27H56	000593-49-7	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046426.D
Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMW9

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	101.7	ng/ul	2404620	1	7.94	473063	20.0
4H-Imidazol-4-one...	7.11	22.8	ng/ul	539178	1	7.94	473063	20.0
unknown-01	7.27	16.8	ng/ul	397470	1	7.94	473063	20.0
unknown-02	7.48	23.1	ng/ul	545489	1	7.94	473063	20.0
unknown-03	8.65	28.7	ng/ul	678280	1	7.94	473063	20.0
1H-Imidazole, 4-m...	9.09	22.0	ng/ul	520987	1	7.94	473063	20.0
unknown-04	9.82	12.1	ng/ul	446089	2	10.74	736352	20.0
unknown-05	10.87	18.2	ng/ul	671643	2	10.74	736352	20.0
unknown-06	13.98	20.2	ng/ul	1072610	3	14.57	1061120	20.0
Dimethyl phthalate	14.02	2.3	ng/ul	121909	3	14.57	1061120	20.0
unknown-07	14.78	7.5	ng/ul	399799	3	14.57	1061120	20.0
unknown-08	15.68	6.3	ng/ul	334255	3	14.57	1061120	20.0
1,6-Methano-1H-in...	18.59	3.0	ng/ul	190704	4	17.31	1293030	20.0
unknown-09	19.07	3.2	ng/ul	206098	4	17.31	1293030	20.0
trans-Chlordane	19.51	5.2	ng/ul	444194	5	21.56	1710150	20.0
(DEL) Alkane: Str...	21.23	5.8	ng/ul	499130	5	21.56	1710150	20.0
9-Octadecenamide,...	22.99	2.1	ng/ul	180344	5	21.56	1710150	20.0
(DEL) Alkane: Str...	25.82	2.2	ng/ul	164244	6	24.68	1516350	20.0