LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046401.D
Acq On : 21 Aug 2020 6:40
Operator : CG/JU
Sample : L3635-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH1

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	3.141	4	9	29	rVB	1563932	2435475	100.00%	9.649%
2	3.399	49	53	63	rVB3	9936	16193	0.66%	0.064%
3	3.822	121	125	129	rBV5	4776	7754	0.32%	0.031%
4	3.916	136	141	146	rBV	20243	30527	1.25%	0.121%
5	4.051	159	164	171	rVB2	15787	25907	1.06%	0.103%
6	5.050	328	334	341	rBV	13917	24140	0.99%	0.096%
7	7.107	677	684	696	rBV	184042	348685	14.32%	1.382%
8	7.265	704	711	720	rBV	164416	272360	11.18%	1.079%
9	7.477	740	747	759	rBV	206282	357591	14.68%	1.417%
10	7.577	759	764	773	rVB7	4966	8554	0.35%	0.034%
11	7.941	817	826	835	rBV	243709	414802	17.03%	1.643%
12	8.646	939	946	958	rBV	211125	370519	15.21%	1.468%
13	9.092	1014	1022	1030	rBV	204009	353863	14.53%	1.402%
14	9.815	1138	1145	1159	rVB	171153	301499	12.38%	1.195%
15	10.362	1231	1238	1248	rBV	266712	490380	20.13%	1.943%
16	10.738	1294	1302	1309	rBV	354016	633272	26.00%	2.509%
17	10.867	1316	1324	1339	rBV	174225	341106	14.01%	1.351%
18	12.395	1577	1584	1590	rVB2	6614	12302	0.51%	0.049%
19	12.612	1616	1621	1627	rBV3	5595	8997	0.37%	0.036%
20	13.405	1749	1756	1762	rBV6	4753	7961	0.33%	0.032%
21	13.893	1834	1839	1844	rVV3	9243	13609	0.56%	0.054%
22	13.969	1844	1852	1857	rVV	513078	777613	31.93%	3.081%
23	14.016	1857	1860	1866	rVV	92716	130318	5.35%	0.516%
24	14.257	1891	1901	1914	rBV	603245	990270	40.66%	3.924%
25	14.568	1946	1954	1961	rBV2	582768	915391	37.59%	3.627%
26	14.633	1961	1965	1973	rVB4	10832	19125	0.79%	0.076%
27	14.768	1981	1988	2002	rBV	133315	262687	10.79%	1.041%
28	14.968	2016	2022	2028	rVV	14339	23309	0.96%	0.092%
29	15.191	2054	2060	2065	rBV4	4423	7900	0.32%	0.031%
30	15.368	2083	2090	2097	rVB6	4126	9428	0.39%	0.037%
31	15.426	2097	2100	2108	rVB3	5583	7923	0.33%	0.031%
32	15.561	2115	2123	2129	rBV	816489	1270384	52.16%	5.033%
33	15.614	2129	2132	2136	rVV2	20836	27893	1.15%	0.111%
34	15.679	2136	2143	2151	rVV	165639	256427	10.53%	1.016%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3635-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH1

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	15.796	2157	2163	2167	rVV2	9361	16990	0.70%	0.067%
36	15.908	2178	2182	2189	rVB	11153	17181	0.71%	0.068%
37	16.055	2201	2207	2215	rVB4	12346	26051	1.07%	0.103%
38	16.137	2215	2221	2230	rVB5	4924	9556	0.39%	0.038%
39	16.290	2242	2247	2251	rBV6	11799	19161	0.79%	0.076%
40	16.854	2336	2343	2346	rBV5	12232	18447	0.76%	0.073%
41	16.889	2346	2349	2352	rVB5	6731	8636	0.35%	0.034%
42	16.966	2357	2362	2370	rVB	26226	46259	1.90%	0.183%
43	17.042	2370	2375	2378	rBV2	10458	16581	0.68%	0.066%
44	17.130	2387	2390	2396	rVB2	13937	22299	0.92%	0.088%
45	17.312	2414	2421	2425	rVV	738731	1117686	45.89%	4.428%
46	17.353	2425	2428	2432	rVV	276764	382523	15.71%	1.516%
47	17.406	2432	2437	2448	rVV	837543	1335225	54.82%	5.290%
48	17.500	2449	2453	2459	rVB4	9674	17422	0.72%	0.069%
49	17.624	2471	2474	2479	rVB4	8695	14047	0.58%	0.056%
50	17.688	2479	2485	2486	rBV6	9603	13793	0.57%	0.055%
51	17.712	2486	2489	2493	rVV	16894	25963	1.07%	0.103%
52	17.823	2503	2508	2514	rBV3	11817	20395	0.84%	0.081%
53	17.888	2516	2519	2524	rVV3	11153	14376	0.59%	0.057%
54	17.988	2529	2536	2540	rBV9	8016	14951	0.61%	0.059%
55	18.105	2551	2556	2561	rVB4	8013	11389	0.47%	0.045%
56	18.188	2562	2570	2573	rBV	56206	102183	4.20%	0.405%
57	18.235	2575	2578	2583	rVB	77766	112713	4.63%	0.447%
58	18.317	2588	2592	2597	rVB	19389	26816	1.10%	0.106%
59	18.382	2597	2603	2606	rBV2	66990	125144	5.14%	0.496%
60	18.417	2606	2609	2614	rVB	43333	66405	2.73%	0.263%
61	18.511	2616	2625	2626	rBV8	14219	27240	1.12%	0.108%
62	18.534	2626	2629	2632	rVB4	6038	8402	0.34%	0.033%
63	18.687	2650	2655	2658	rBV	49302	75898	3.12%	0.301%
64	18.722	2658	2661	2668	rVB	58891	84328	3.46%	0.334%
65	18.928	2693	2696	2701	rVB	18850	24522	1.01%	0.097%
66	18.981	2702	2705	2708	rVB2	15209	16847	0.69%	0.067%
67	19.022	2708	2712	2716	rVB3	19459	25342	1.04%	0.100%
68	19.098	2721	2725	2729	rBV	49840	76540	3.14%	0.303%
69	19.140	2729	2732	2733	rBV3	11869	9501	0.39%	0.038%
70	19.157	2733	2735	2739	rVB4	12478	16593	0.68%	0.066%
71	19.239	2744	2749	2757	rVV2	47383	85534	3.51%	0.339%

LSC Area Percent Report

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Acq On : 21 Aug 2020 6:40
Operator : CG/JU
Sample : L3635-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH1

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	19.363	2764	2770	2776	rVB	581755	800577	32.87%	3.172%
73	19.422	2777	2780	2783	rBV	15795	21209	0.87%	0.084%
74	19.457	2783	2786	2791	rVB4	17724	28893	1.19%	0.114%
75	19.510	2791	2795	2799	rBV	26507	39169	1.61%	0.155%
76	19.557	2800	2803	2805	rBV4	16281	17412	0.71%	0.069%
77	19.692	2820	2826	2830	rBV2	1099484	1824401	74.91%	7.228%
78	19.798	2840	2844	2847	rBV3	32156	50784	2.09%	0.201%
79	19.833	2847	2850	2856	rVB	54356	64000	2.63%	0.254%
80	19.903	2858	2862	2866	rVV	29693	43709	1.79%	0.173%
81	20.050	2881	2887	2892	rBV6	51836	130147	5.34%	0.516%
82	20.185	2906	2910	2911	rBV3	33897	45307	1.86%	0.180%
83	20.215	2912	2915	2919	rVB	74188	95291	3.91%	0.378%
84	20.315	2929	2932	2935	rBV	28015	38152	1.57%	0.151%
85	20.373	2939	2942	2947	rVB	62144	89506	3.68%	0.355%
86	20.514	2962	2966	2969	rBV	42166	57255	2.35%	0.227%
87	20.556	2971	2973	2978	rVB	41168	52810	2.17%	0.209%
88	20.773	3007	3010	3014	rBV	52291	62027	2.55%	0.246%
89	20.967	3040	3043	3049	rVB	83376	115982	4.76%	0.460%
90	21.190	3078	3081	3083	rBV	42881	50292	2.06%	0.199%
91	21.225	3083	3087	3094	rVB3	267466	425501	17.47%	1.686%
92	21.460	3123	3127	3132	rVB	465624	595197	24.44%	2.358%
93	21.554	3136	3143	3148	rVV3	781733	1680552	69.00%	6.658%
94	21.601	3148	3151	3162	rVB	274746	448669	18.42%	1.778%
95	22.994	3384	3388	3392	rBV	67456	100933	4.14%	0.400%
96	23.687	3499	3506	3514	rBV	192120	631441	25.93%	2.502%
97	23.805	3523	3526	3532	rVB	59073	90321	3.71%	0.358%
98	24.375	3621	3623	3629	rVB	49972	76526	3.14%	0.303%
99	24.457	3630	3637	3644	rBV	478098	1141431	46.87%	4.522%
100	24.668	3665	3673	3681	rBV	436229	1194854	49.06%	4.734%

Sum of corrected areas: 25239451

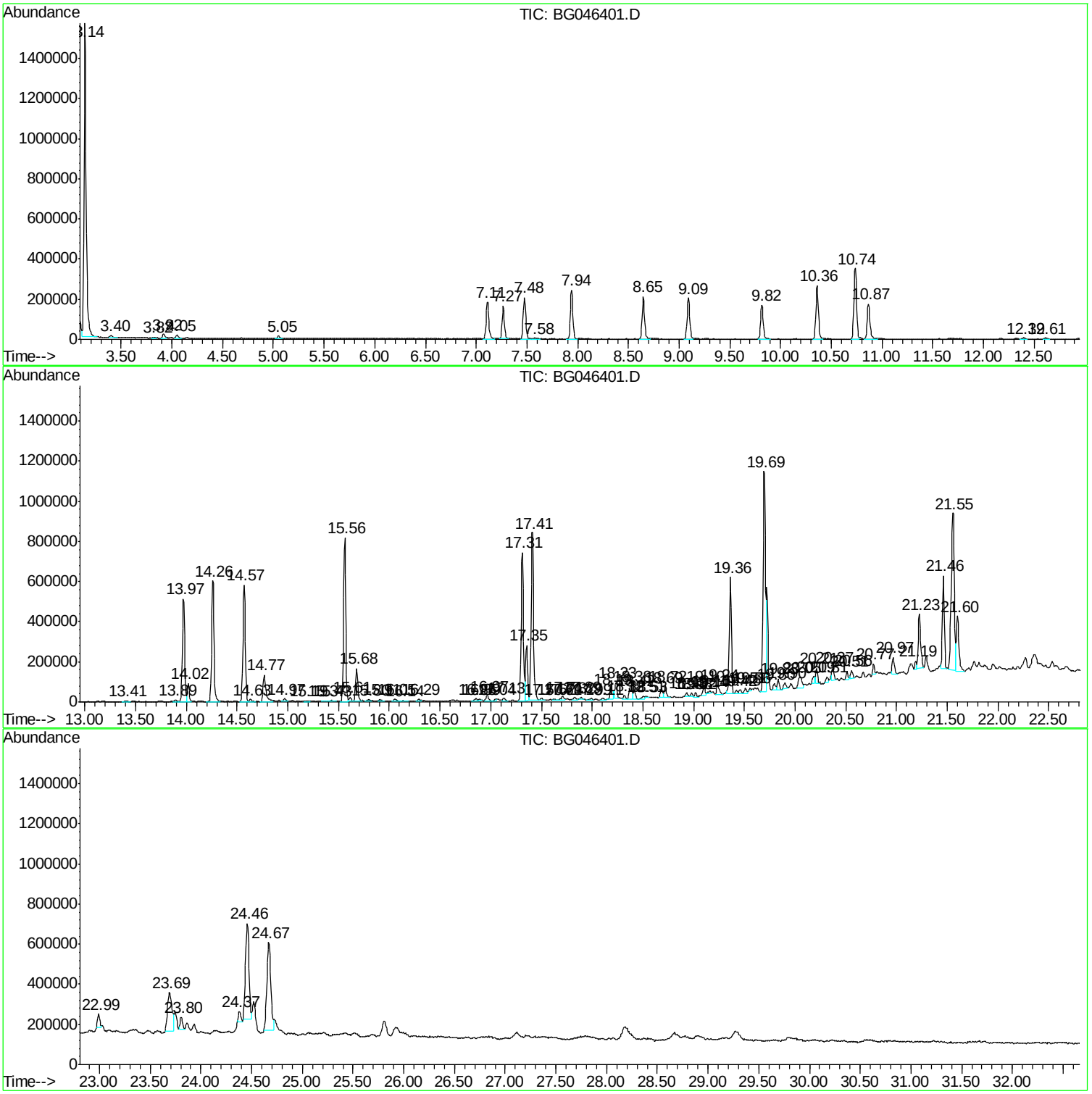
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046401.D
Acq On : 21 Aug 2020 6:40
Operator : CG/JU
Sample : L3635-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH1

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 : BG046401.D
Acq On : 21 Aug 2020 6:40
Operator : CG/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : BFMH1

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

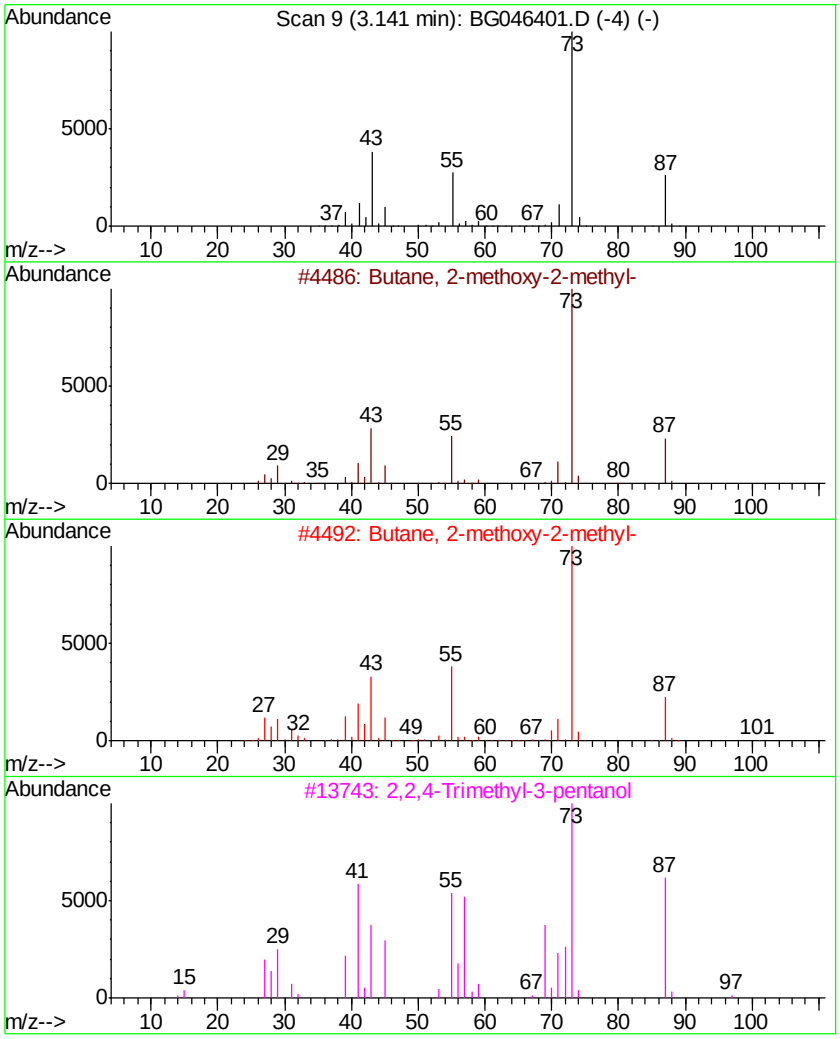
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

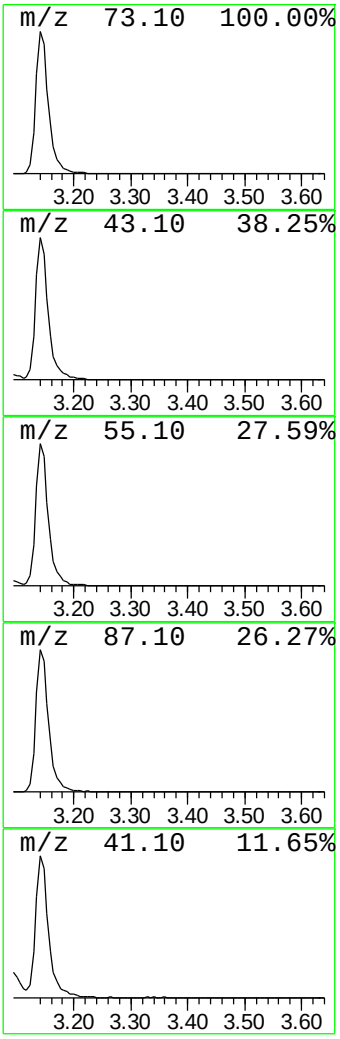
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	117.43 ng/ul	2435480	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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Acq On : 21 Aug 2020 6:40
Operator : CG/JU
Sample : L3635-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH1

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

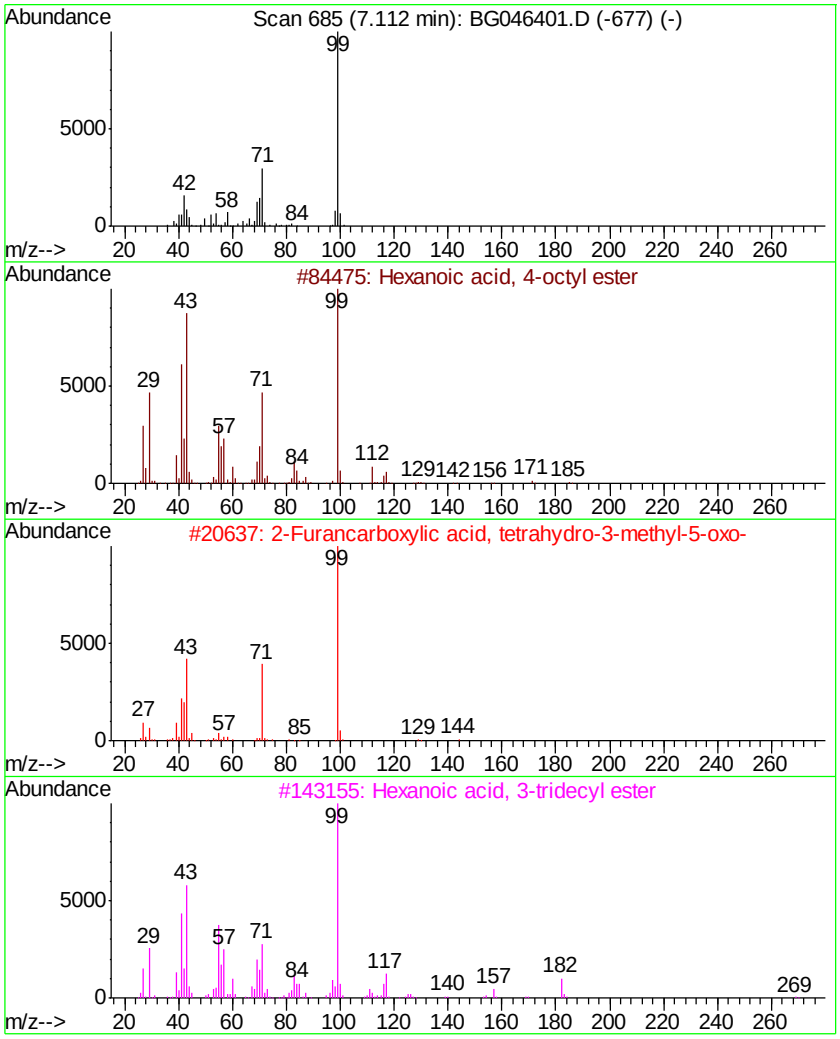
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

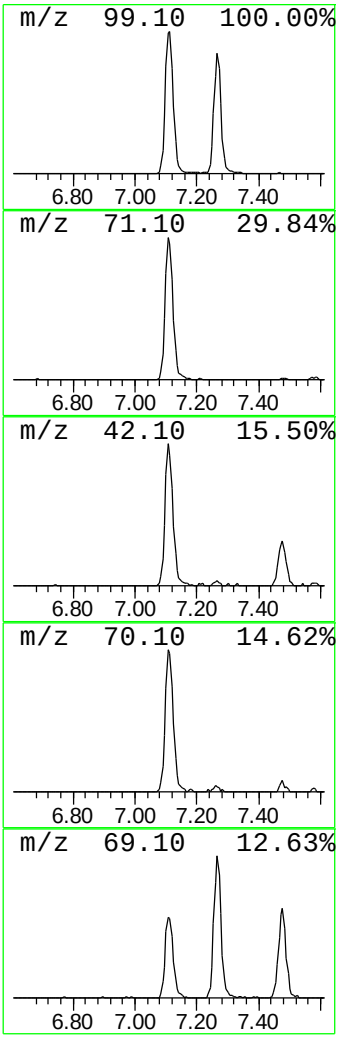
****

Peak Number 2 Hexanoic acid, 4-octyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	16.81 ng/ul	348685	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-octyl ester	228	C14H28O2	1000160-13-3	72
2	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	59
3	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56
4	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56
5	Hexanoic acid, 3-tetradecyl ester	312	C20H40O2	1000279-29-7	56





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Operator : CG/JU
Sample : L3635-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH1

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

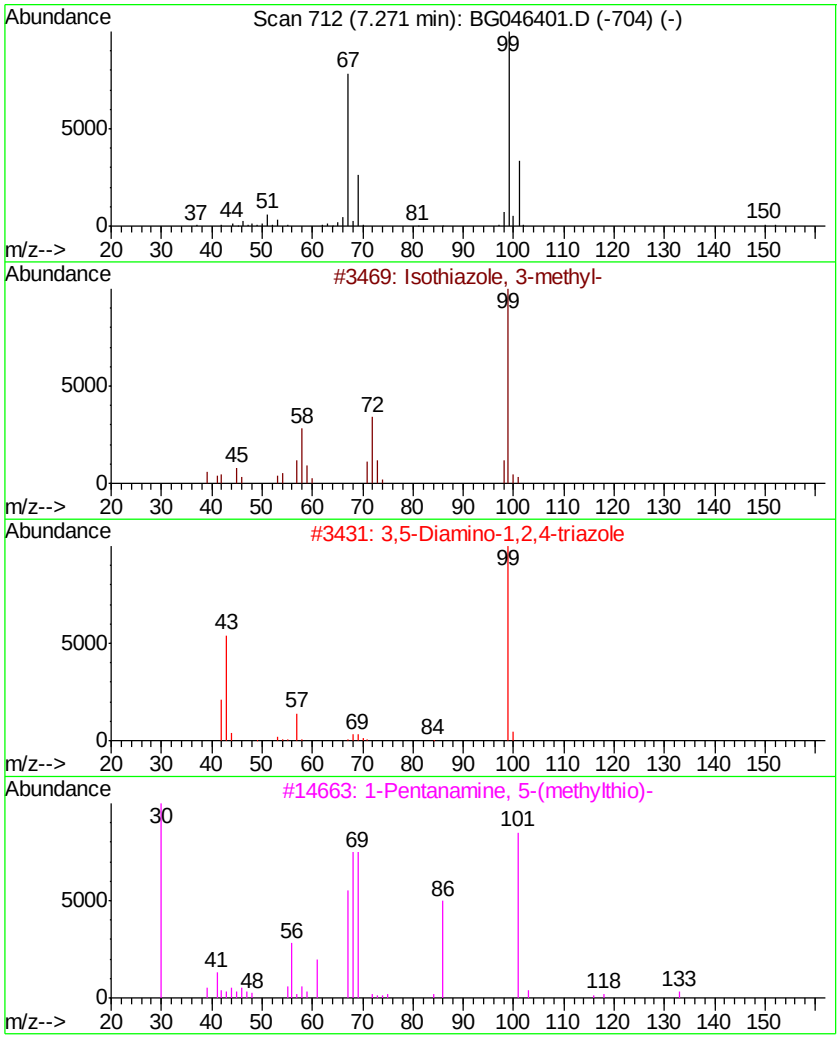
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

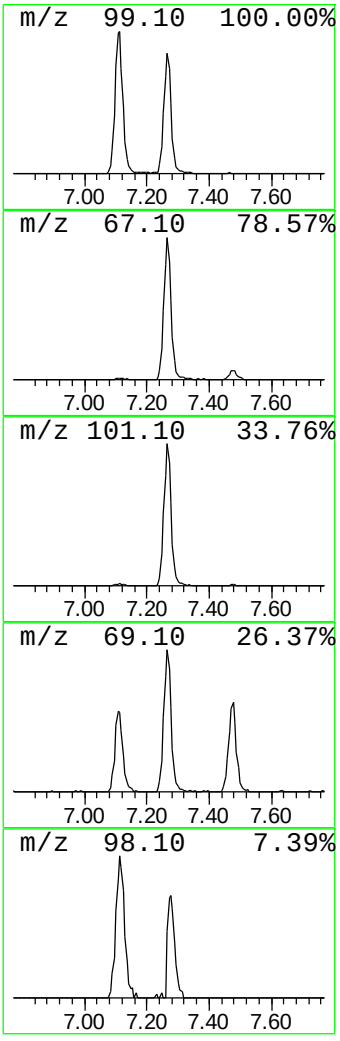
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	13.13 ng/ul	272360	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	Succinimide	99	C4H5NO2	000123-56-8	5
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046401.D
Acq On : 21 Aug 2020 6:40
Operator : CG/JU
Sample : L3635-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH1

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

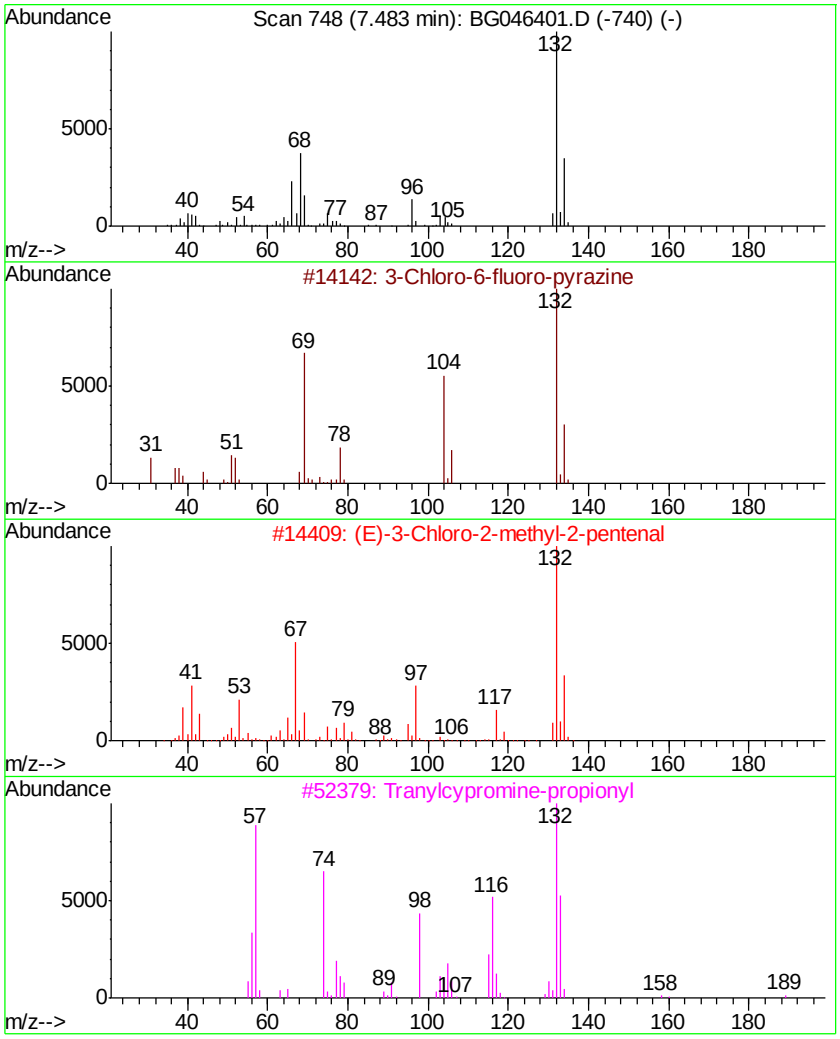
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

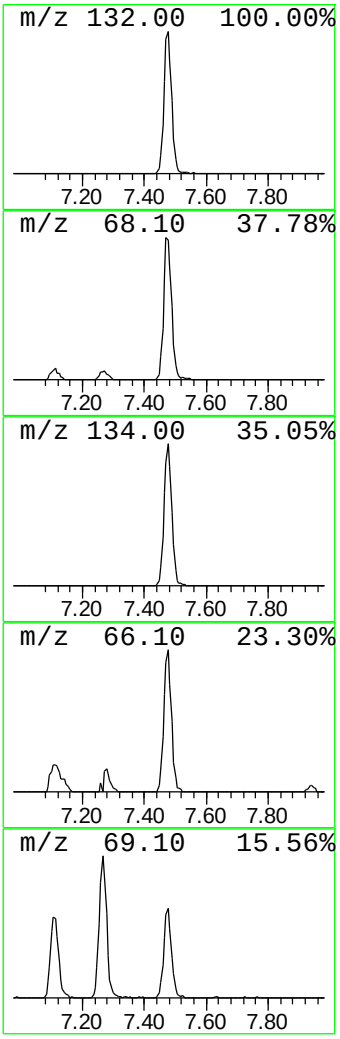
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	17.24 ng/ul	357591	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046401.D
Acq On : 21 Aug 2020 6:40
Operator : CG/JU
Sample : L3635-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH1

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

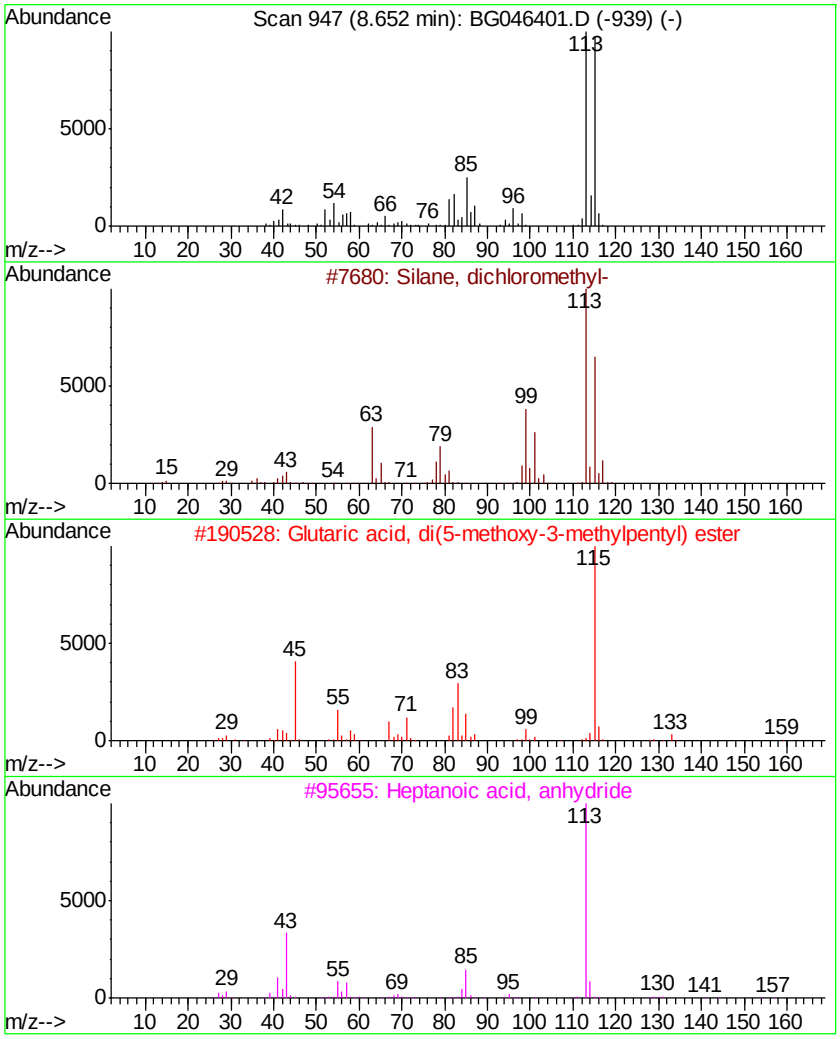
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

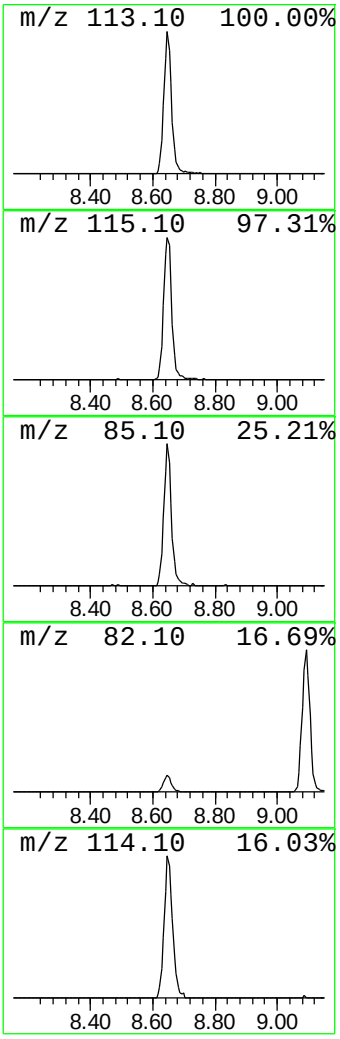
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	17.86 ng/ul	370519	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	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	35
4	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	23





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Acq On : 21 Aug 2020 6:40
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Sample : L3635-05
Misc :
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Instrument : BNA_G
ClientSampleId : BFMH1

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Quant Title : SVOA CALIBRATION

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

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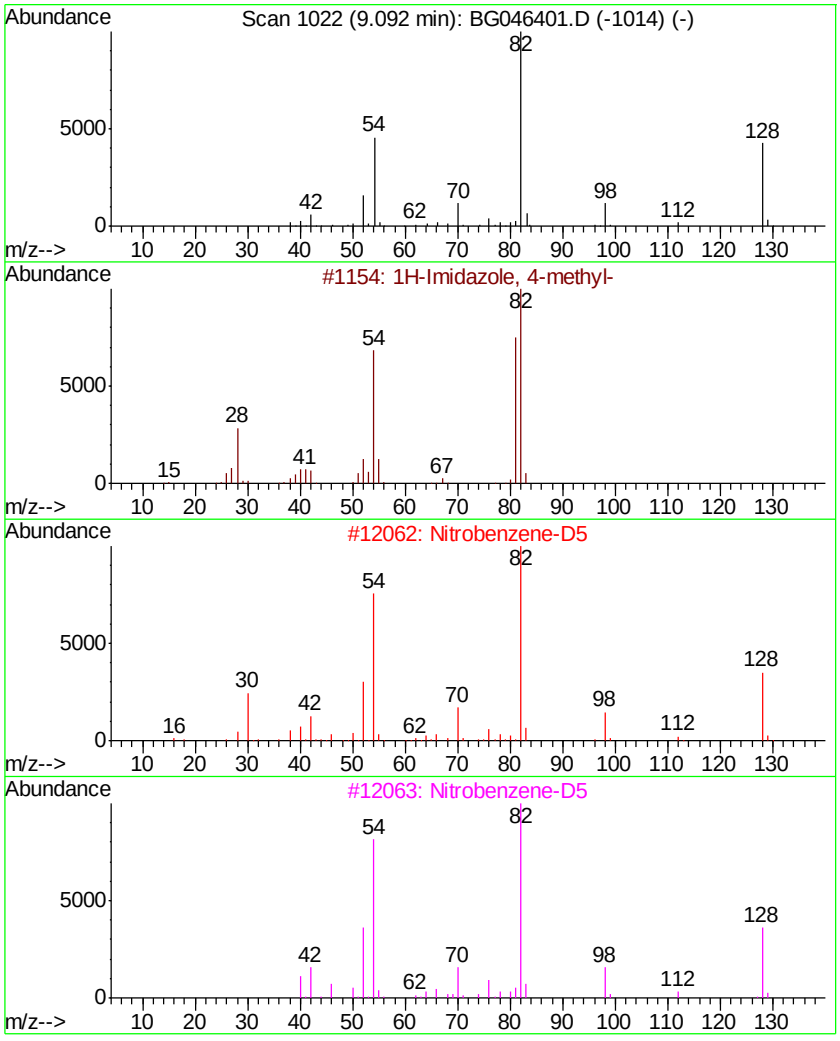
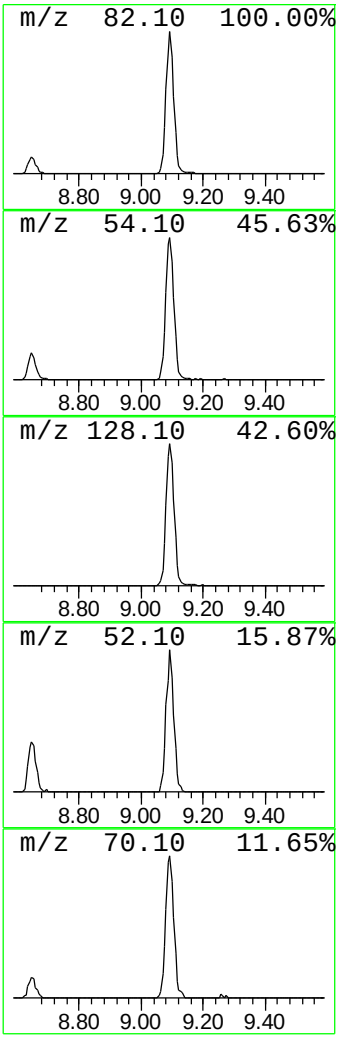
Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	17.06 ng/ul	353863	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	38
4	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38





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ClientSampleId : BFMH1

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Quant Title : SVOA CALIBRATION

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

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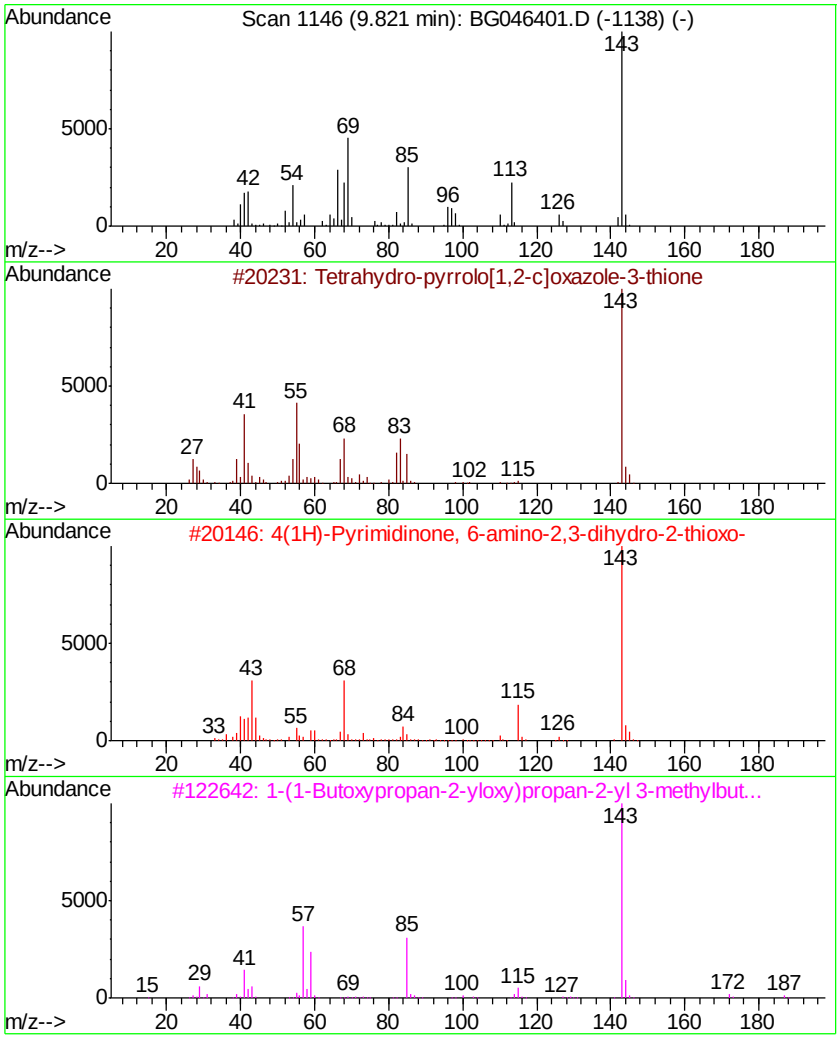
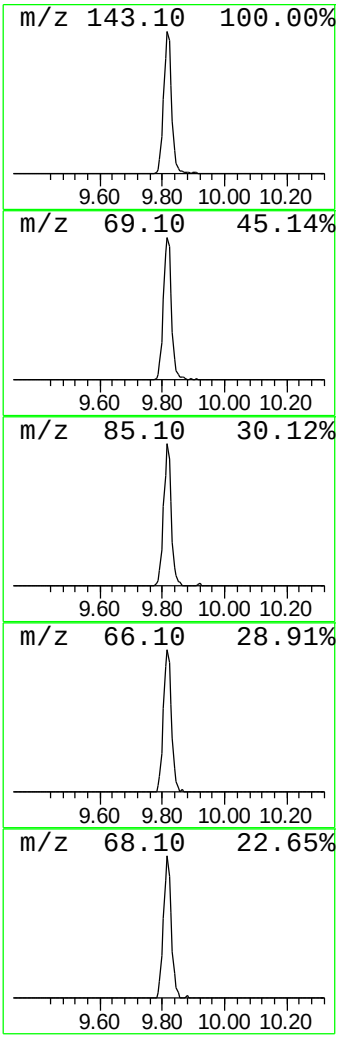
Peak Number 7 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	9.52 ng/ul	301499	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	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	16
3	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	16
4	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12
5	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12





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ClientSampleId : BFMH1

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Quant Title : SVOA CALIBRATION

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

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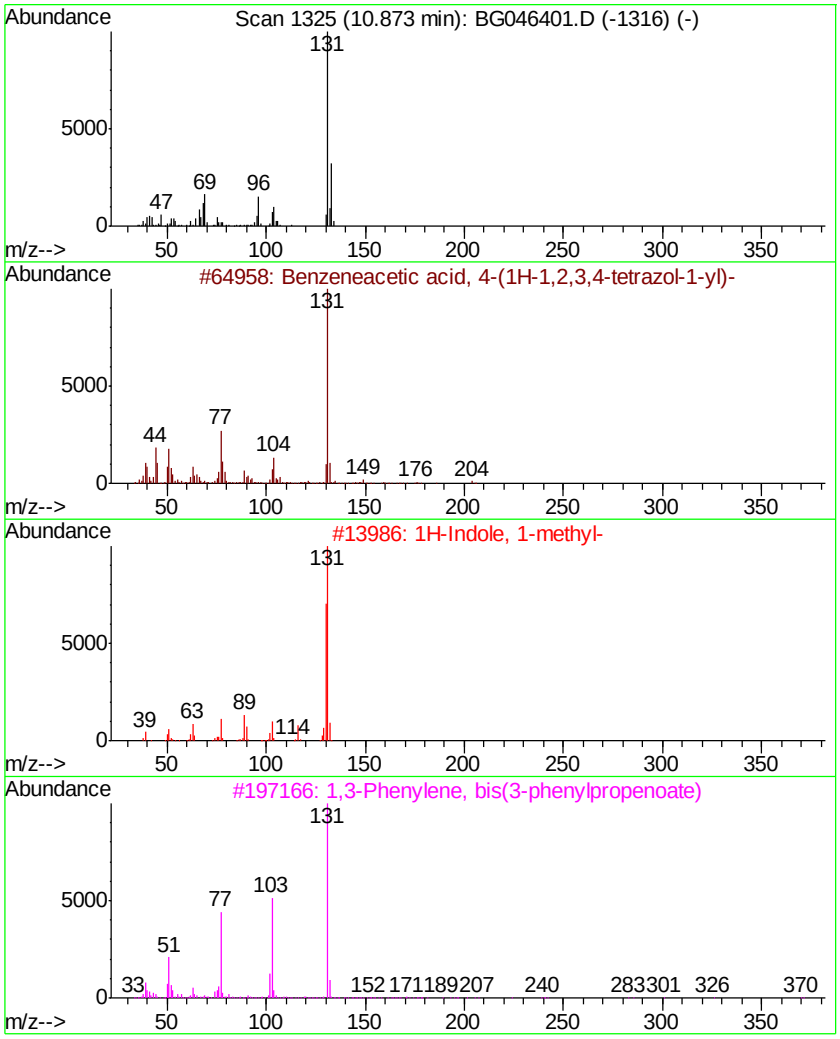
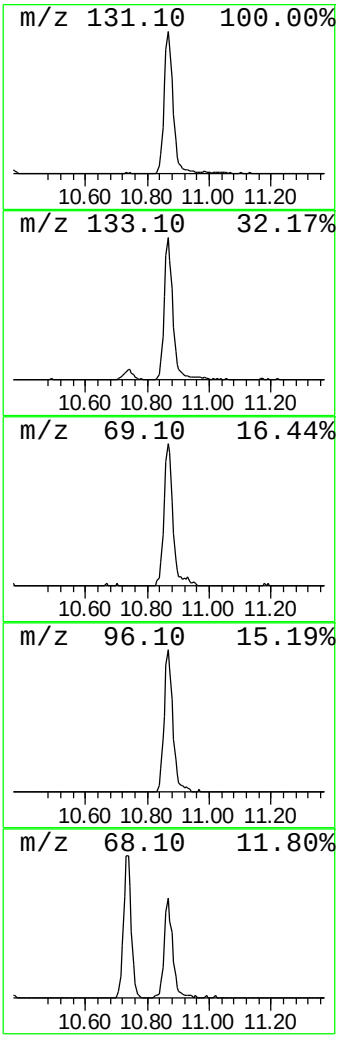
Peak Number 8 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	10.77 ng/ul	341106	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	1,3-Phenylene, bis(3-phenylprope...	370	C24H18O4	1000259-62-4	25
4	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	9





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ClientSampleId : BFMH1

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Quant Title : SVOA CALIBRATION

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

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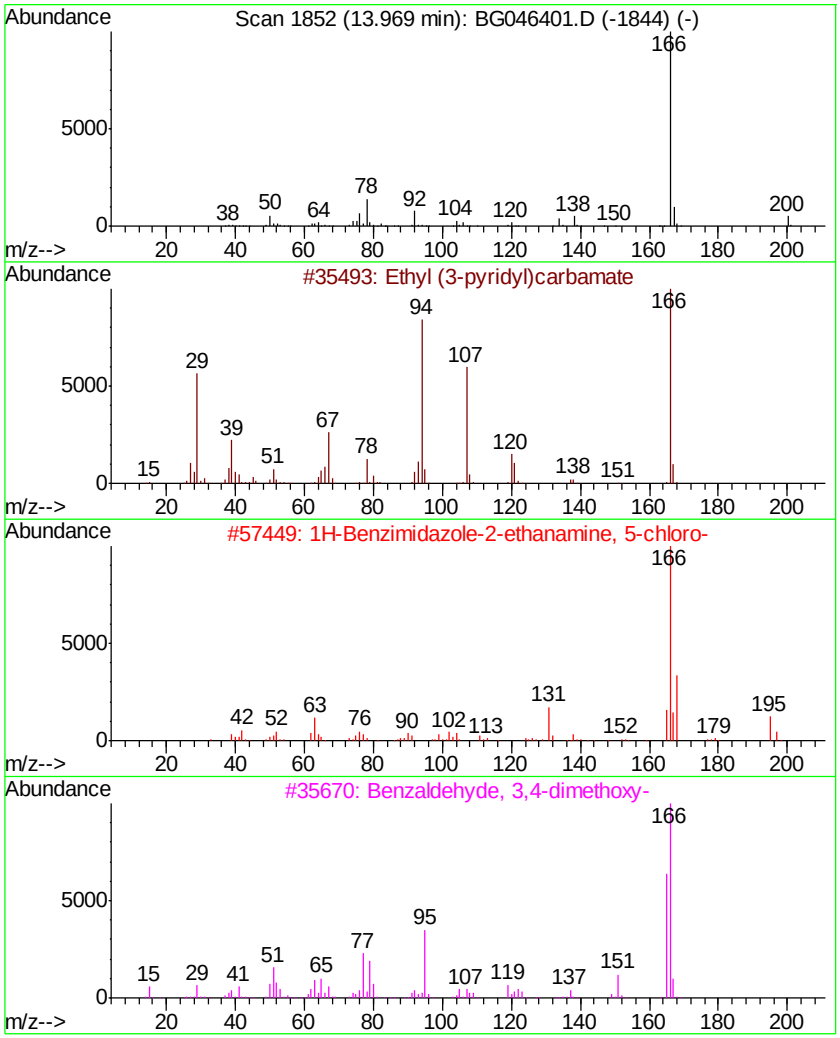
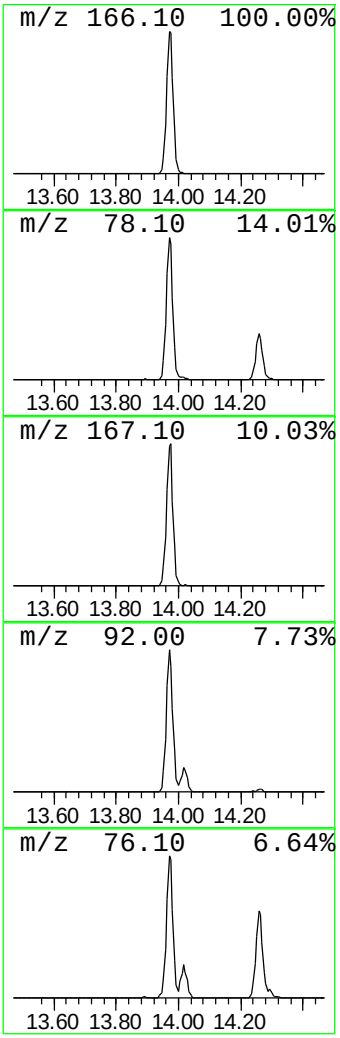
Peak Number 9 unknown-06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	16.99 ng/ul	777613	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	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
3	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	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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ClientSampleId : BFMH1

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Quant Title : SVOA CALIBRATION

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

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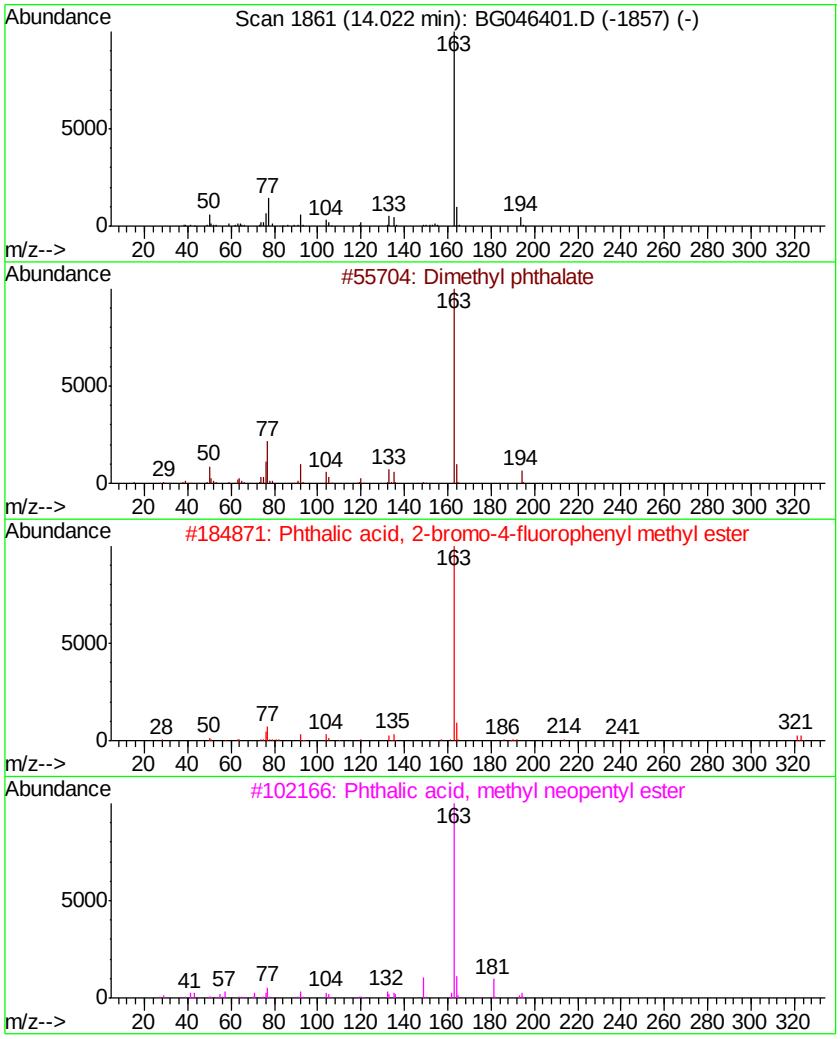
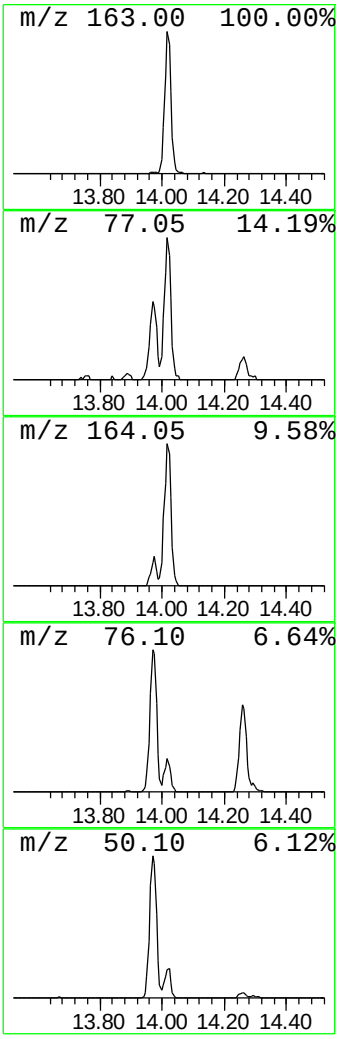
Peak Number 10 Dimethyl phthalate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.85 ng/ul	130318	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	92
2	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	83
3	Phthalic acid, methyl neopentyl ...	250	C14H18O4	1000315-53-9	83
4	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	74
5	Isobutyl methyl phthalate	236	C13H16O4	1000373-89-3	74





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ClientSampleId : BFMH1

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Quant Title : SVOA CALIBRATION

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

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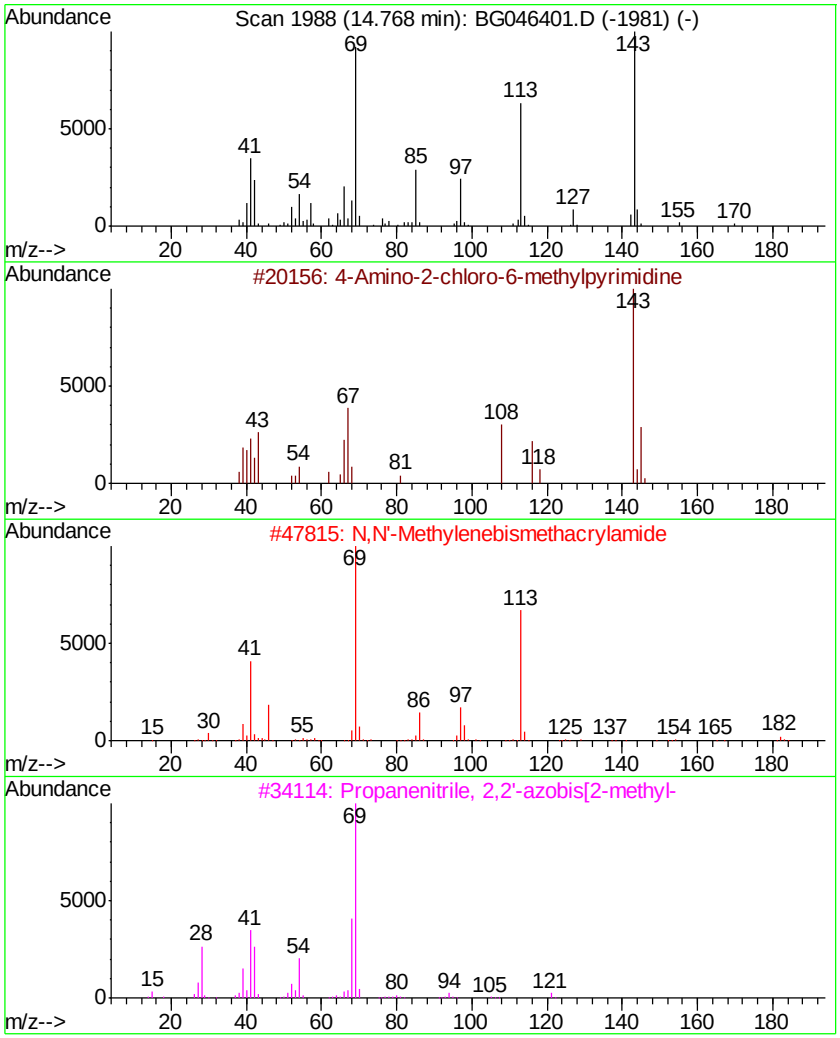
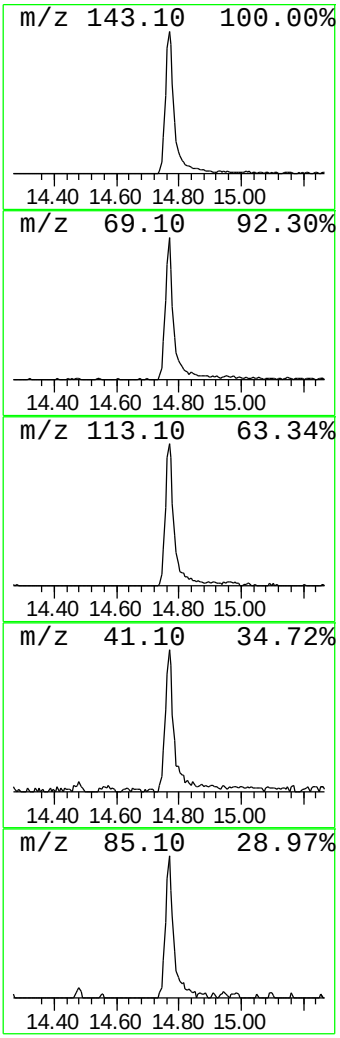
Peak Number 11 unknown-07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.74 ng/ul	262687	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	38
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	27
3	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	14
4	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	14
5	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	14





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Misc :
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Instrument : BNA_G
ClientSampleId : BFMH1

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Quant Title : SVOA CALIBRATION

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

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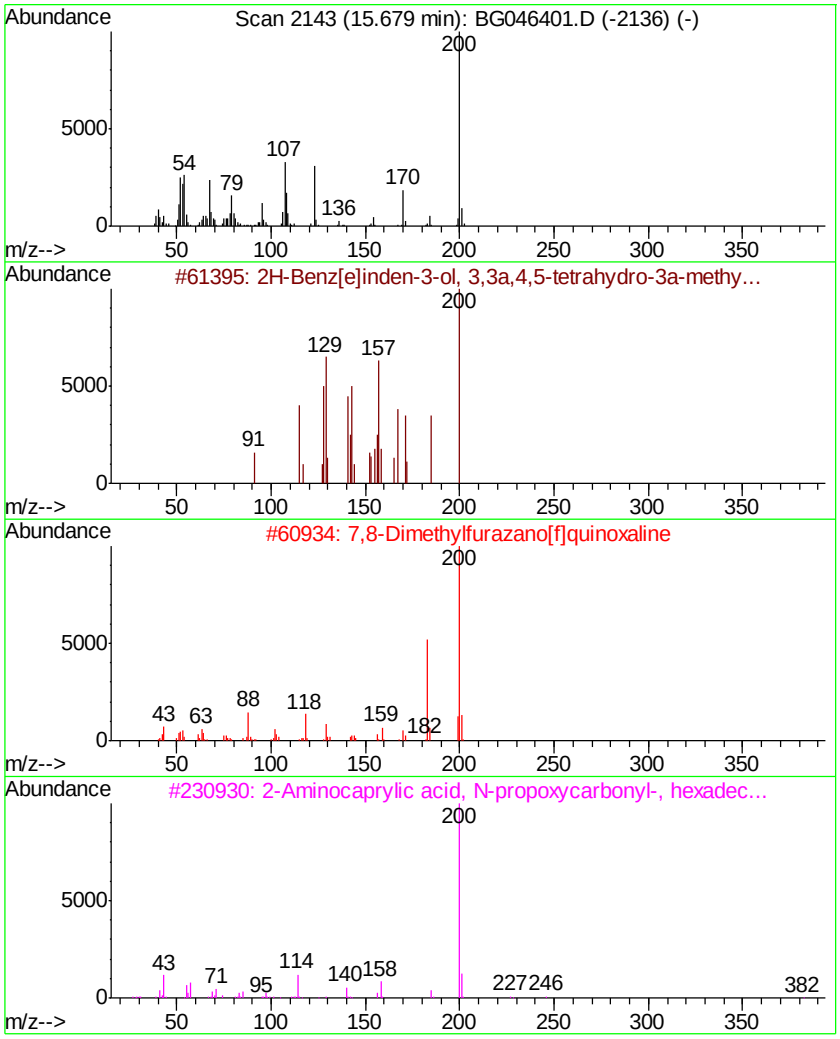
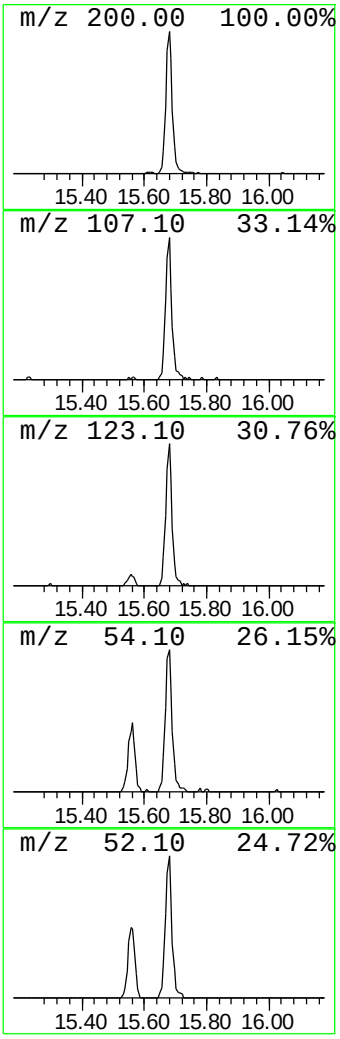
Peak Number 12 unknown-08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	5.60 ng/ul	256427	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	7,8-Dimethylfurazano[f]quinoxaline	200	C10H8N4O	1000110-74-6	22
3	2-Aminocaprylic acid, N-propoxyc...	469	C28H55NO4	1000325-43-2	14
4	2-Vinyl-6-methoxy-8-aminoquinoline	200	C12H12N2O	064992-65-0	12
5	6-Phenyl-1,6-dihydro-furo[3,4-d]...	200	C11H8N2O2	313263-12-6	12





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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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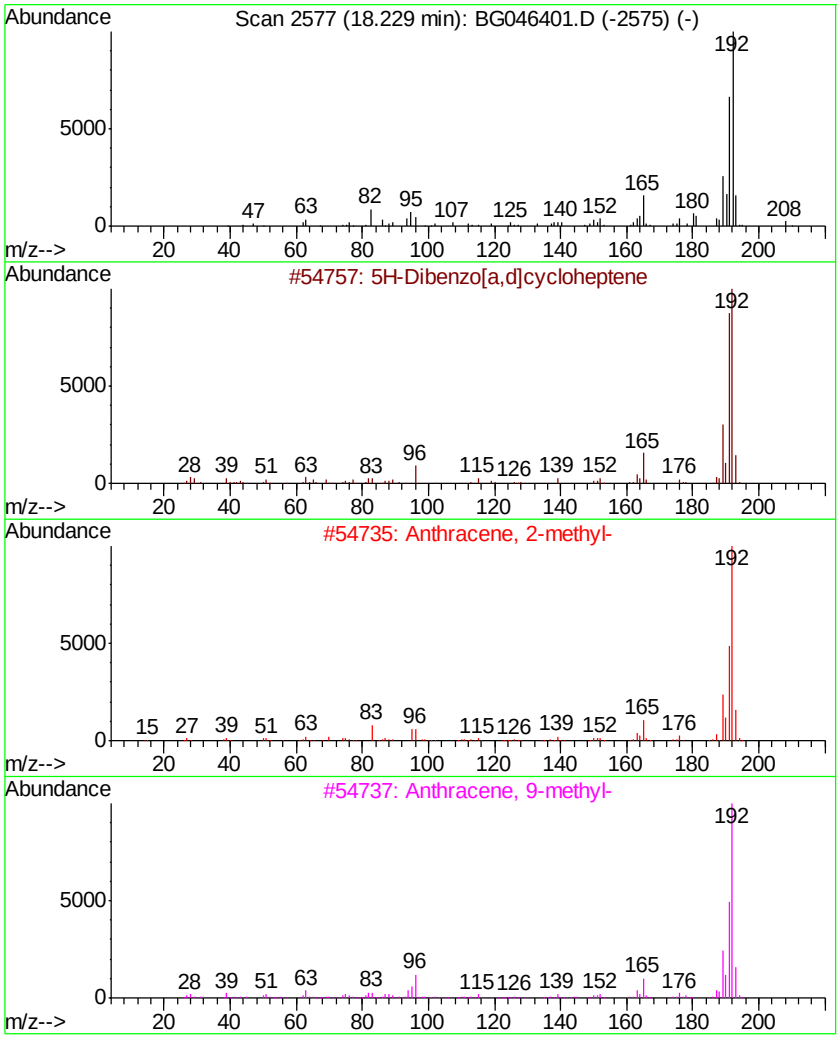
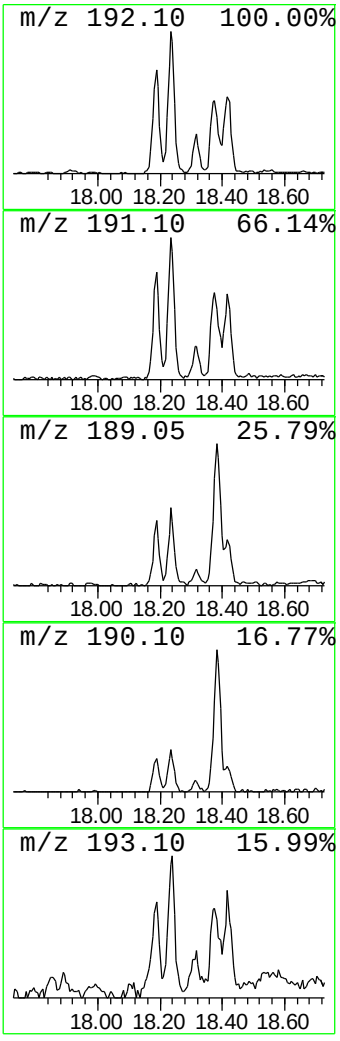
Peak Number 13 5H-Dibenzo[a,d]cycloheptene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.02 ng/ul	112713	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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ClientSampleId : BFMH1

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Quant Title : SVOA CALIBRATION

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

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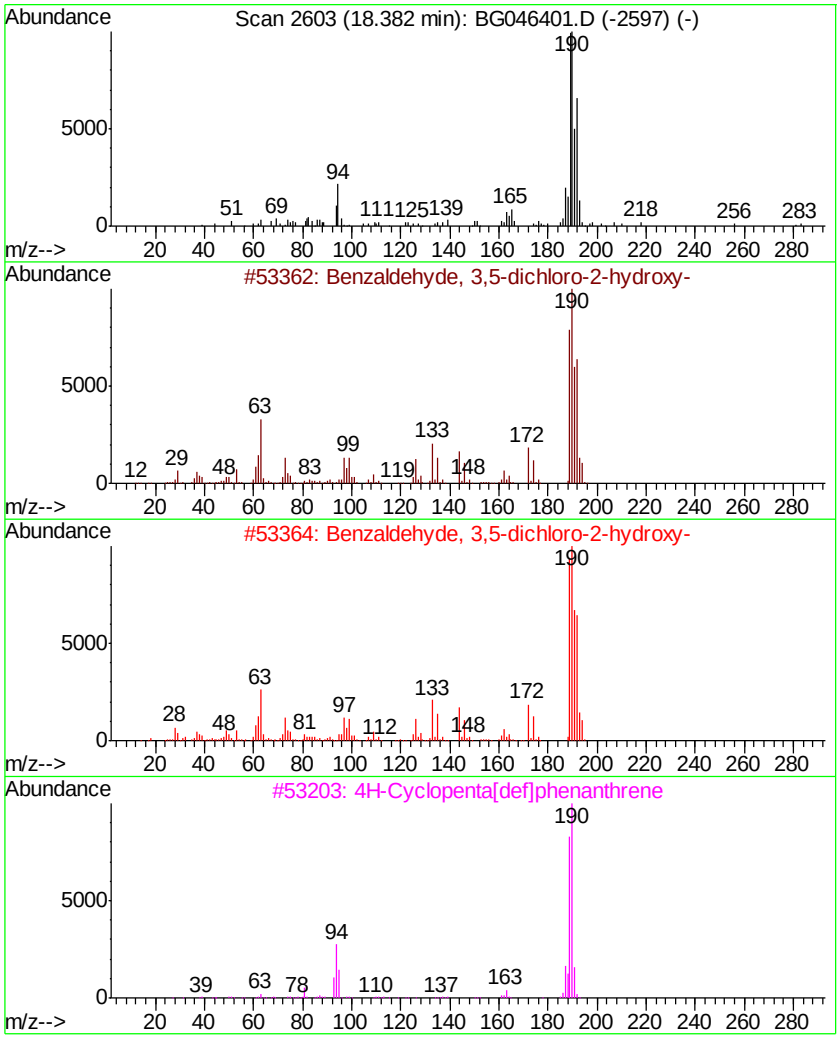
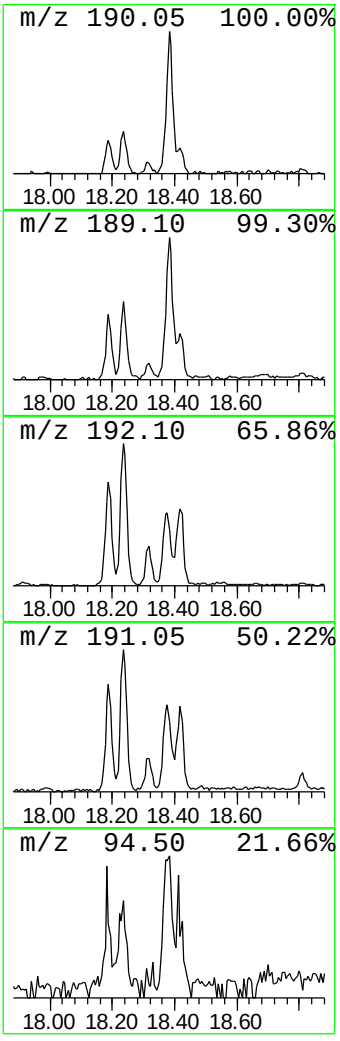
Peak Number 14 Benzaldehyde, 3,5-dichloro-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.24 ng/ul	125144	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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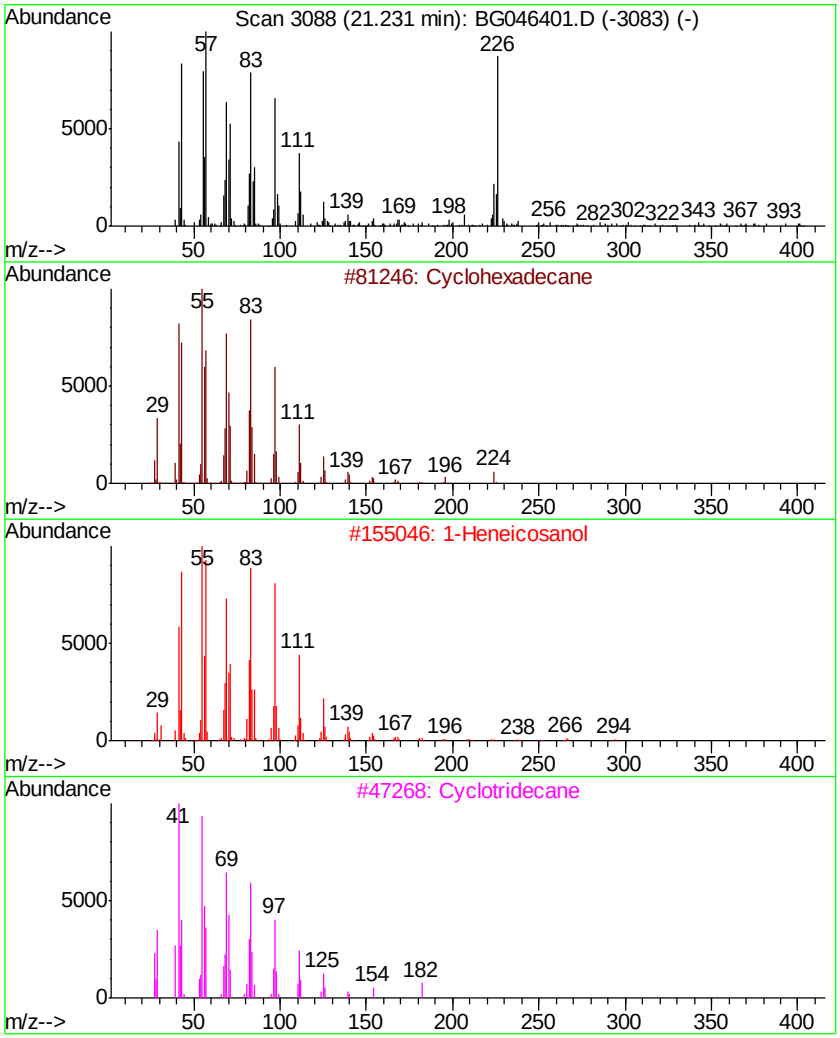
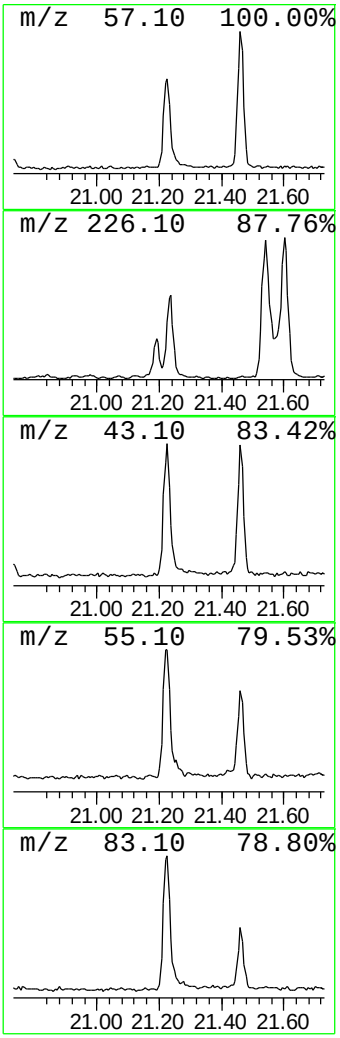
Peak Number 15 (DEL) Alkane: Cyclic21.23 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	5.06 ng/ul	425501	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Cyclotridecane	182	C13H26	000295-02-3	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93





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Quant Title : SVOA CALIBRATION

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

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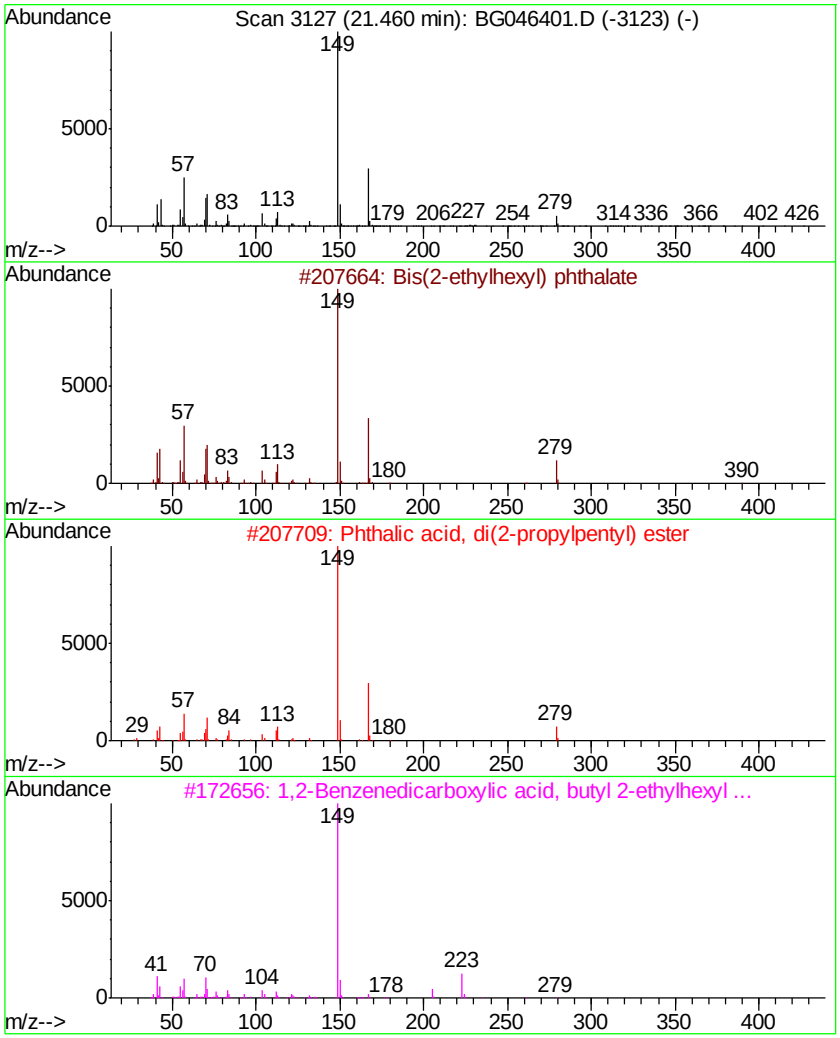
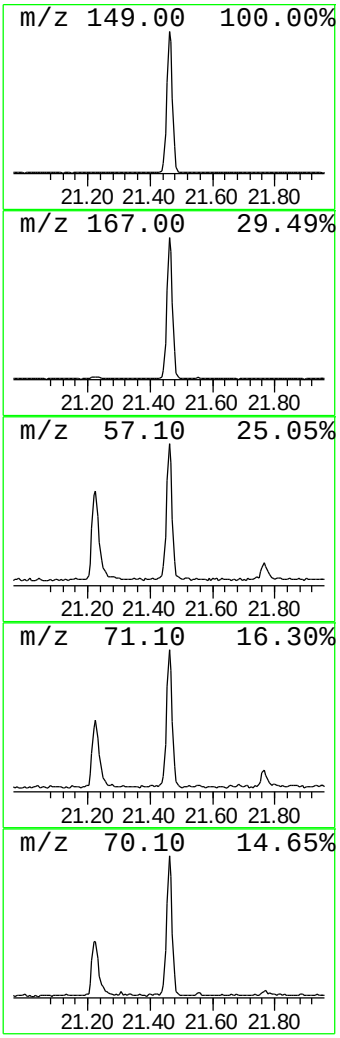
Peak Number 16 Bis(2-ethylhexyl) phthalate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	7.08 ng/ul	595197	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2	Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	90
3	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	64
4	Phthalic acid, isohexyl 2-methyl...	334	C20H30O4	1000356-91-0	64
5	Phthalic acid, 2-ethylhexyl hexy...	362	C22H34O4	1000309-02-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046401.D
Acq On : 21 Aug 2020 6:40
Operator : CG/JU
Sample : L3635-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH1

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	117.4	ng/ul	2435480	1	7.94	414802	20.0
Hexanoic acid, 4-...	7.11	16.8	ng/ul	348685	1	7.94	414802	20.0
unknown-01	7.27	13.1	ng/ul	272360	1	7.94	414802	20.0
unknown-02	7.48	17.2	ng/ul	357591	1	7.94	414802	20.0
unknown-03	8.65	17.9	ng/ul	370519	1	7.94	414802	20.0
1H-Imidazole, 4-m...	9.09	17.1	ng/ul	353863	1	7.94	414802	20.0
unknown-04	9.82	9.5	ng/ul	301499	2	10.74	633272	20.0
unknown-05	10.87	10.8	ng/ul	341106	2	10.74	633272	20.0
unknown-06	13.97	17.0	ng/ul	777613	3	14.57	915391	20.0
Dimethyl phthalate	14.02	2.9	ng/ul	130318	3	14.57	915391	20.0
unknown-07	14.77	5.7	ng/ul	262687	3	14.57	915391	20.0
unknown-08	15.68	5.6	ng/ul	256427	3	14.57	915391	20.0
5H-Dibenzo[a,d]cy...	18.23	2.0	ng/ul	112713	4	17.31	1117690	20.0
Benzaldehyde, 3,5...	18.38	2.2	ng/ul	125144	4	17.31	1117690	20.0
(DEL) Alkane: Cyc...	21.23	5.1	ng/ul	425501	5	21.56	1680550	20.0
Bis(2-ethylhexyl)...	21.46	7.1	ng/ul	595197	5	21.56	1680550	20.0