LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048235.D
Acq On : 20 Feb 2021 13:43
Operator : CG/JU
Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

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-BG021321MA.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	8.073	799	806	808	rBV	159476	254994	0.16%	0.069%
2	8.109	808	812	821	rVB2	272744	468574	0.29%	0.128%
3	8.238	826	834	841	rBV	188430	292015	0.18%	0.080%
4	8.320	841	848	858	rBV	472172	771970	0.49%	0.210%
5	8.408	858	863	872	rVB	165902	280685	0.18%	0.076%
6	9.225	995	1002	1007	rBV2	140648	248202	0.16%	0.068%
7	9.830	1099	1105	1114	rVB2	147063	248548	0.16%	0.068%
8	10.024	1129	1138	1145	rVB5	81965	178681	0.11%	0.049%
9	10.247	1168	1176	1185	rBV2	384655	712187	0.45%	0.194%
10	10.330	1185	1190	1200	rVB2	93608	177740	0.11%	0.048%
11	10.541	1216	1226	1235	rBV5	107952	257140	0.16%	0.070%
12	10.694	1242	1252	1261	rBV	573823	1024385	0.64%	0.279%
13	10.923	1285	1291	1295	rBV	272813	515989	0.32%	0.141%
14	10.976	1295	1300	1306	rVV	1202323	2012102	1.27%	0.548%
15	11.040	1306	1311	1322	rVB	166727	299867	0.19%	0.082%
16	12.650	1577	1585	1593	rVB	1472194	2464459	1.55%	0.671%
17	12.915	1623	1630	1637	rBV	475447	751971	0.47%	0.205%
18	14.043	1812	1822	1828	rBV3	97117	208990	0.13%	0.057%
19	14.736	1931	1940	1950	rVB	488077	928212	0.58%	0.253%
20	14.830	1950	1956	1970	rVB4	84177	163591	0.10%	0.045%
21	14.977	1973	1981	1987	rBV3	160642	281888	0.18%	0.077%
22	15.147	2005	2010	2020	rVB	147843	222046	0.14%	0.060%
23	15.418	2049	2056	2067	rBV4	141240	315850	0.20%	0.086%
24	16.093	2161	2171	2182	rBV	286765	548613	0.35%	0.149%
25	17.474	2400	2406	2413	rBV	555928	868811	0.55%	0.237%
26	17.574	2419	2423	2430	rVB	130032	186614	0.12%	0.051%
27	17.662	2431	2438	2447	rBV	1116246	1647519	1.04%	0.449%
28	18.267	2537	2541	2548	rBV3	169103	242281	0.15%	0.066%
29	18.491	2574	2579	2581	rBV5	175227	265843	0.17%	0.072%
30	18.555	2586	2590	2594	rBV	305638	409727	0.26%	0.112%
31	18.749	2618	2623	2628	rBV3	418401	726692	0.46%	0.198%
32	18.796	2628	2631	2635	rVV	409773	471254	0.30%	0.128%
33	18.837	2635	2638	2642	rVB2	269502	311552	0.20%	0.085%
34	18.937	2651	2655	2663	rBV6	217288	368202	0.23%	0.100%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : DBH01

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
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Title : SVOA CALIBRATION

35	19.090	2671	2681	2686	rBV4	949773	1768553	1.11%	0.482%
36	19.149	2686	2691	2696	rBV2	608914	924099	0.58%	0.252%
37	19.196	2696	2699	2703	rBV3	125814	246429	0.16%	0.067%
38	19.272	2707	2712	2714	rVV	744140	1058583	0.67%	0.288%
39	19.301	2714	2717	2724	rVB	2243467	2766503	1.74%	0.753%
40	19.437	2734	2740	2748	rBV2	950567	1443879	0.91%	0.393%
41	19.572	2758	2763	2771	rVB2	1228794	1831932	1.15%	0.499%
42	19.654	2772	2777	2781	rBV2	144317	257447	0.16%	0.070%
43	19.736	2786	2791	2803	rBV2	672482	2130068	1.34%	0.580%
44	19.860	2808	2812	2815	rBV2	172441	266488	0.17%	0.073%
45	19.901	2815	2819	2826	rBV2	366713	580554	0.37%	0.158%
46	19.959	2827	2829	2836	rVB4	236568	407043	0.26%	0.111%
47	20.036	2838	2842	2844	rBV	466889	610003	0.38%	0.166%
48	20.065	2844	2847	2851	rVB2	369938	402254	0.25%	0.110%
49	20.136	2855	2859	2863	rVB2	492624	624407	0.39%	0.170%
50	20.253	2869	2879	2883	rBV	18125890	29245757	18.41%	7.965%
51	20.294	2883	2886	2890	rVB	1420427	1695279	1.07%	0.462%
52	20.394	2899	2903	2907	rVB2	510993	623516	0.39%	0.170%
53	20.547	2925	2929	2936	rVB2	478816	876486	0.55%	0.239%
54	20.729	2937	2960	2963	rBV	35719602	158885284	100.00%	43.273%
55	20.841	2972	2979	2983	rBV2	4964984	8586756	5.40%	2.339%
56	20.882	2983	2986	2993	rVB5	817921	1563140	0.98%	0.426%
57	20.947	2993	2997	3001	rBV4	349213	540717	0.34%	0.147%
58	21.064	3012	3017	3020	rBV	862808	1593568	1.00%	0.434%
59	21.229	3039	3045	3050	rBV	2358724	4260654	2.68%	1.160%
60	21.293	3053	3056	3060	rVV	1066383	1685350	1.06%	0.459%
61	21.352	3060	3066	3068	rVV	1463494	2643730	1.66%	0.720%
62	21.387	3068	3072	3076	rVV	2013985	3347839	2.11%	0.912%
63	21.464	3078	3085	3096	rVB2	3045128	7900655	4.97%	2.152%
64	21.787	3121	3140	3144	rBV2	11363667	45348709	28.54%	12.351%
65	22.174	3198	3206	3210	rBV	3727170	7188698	4.52%	1.958%
66	22.221	3211	3214	3217	rVV	1099705	1748994	1.10%	0.476%
67	22.269	3218	3222	3227	rVB	1263623	2146233	1.35%	0.585%
68	22.392	3232	3243	3258	rVB2	5457704	19114063	12.03%	5.206%
69	22.656	3283	3288	3292	rBV	794816	1380065	0.87%	0.376%
70	22.697	3292	3295	3304	rVB	750444	1468581	0.92%	0.400%
71	23.532	3421	3437	3447	rBV	6464844	27103849	17.06%	7.382%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : DBH01

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : SVOA CALIBRATION

72	24.807	3646	3654	3679	rVB	1151975	3778340	2.38%	1.029%

Sum of corrected areas: 367171699

LSC Report - Integrated Chromatogram

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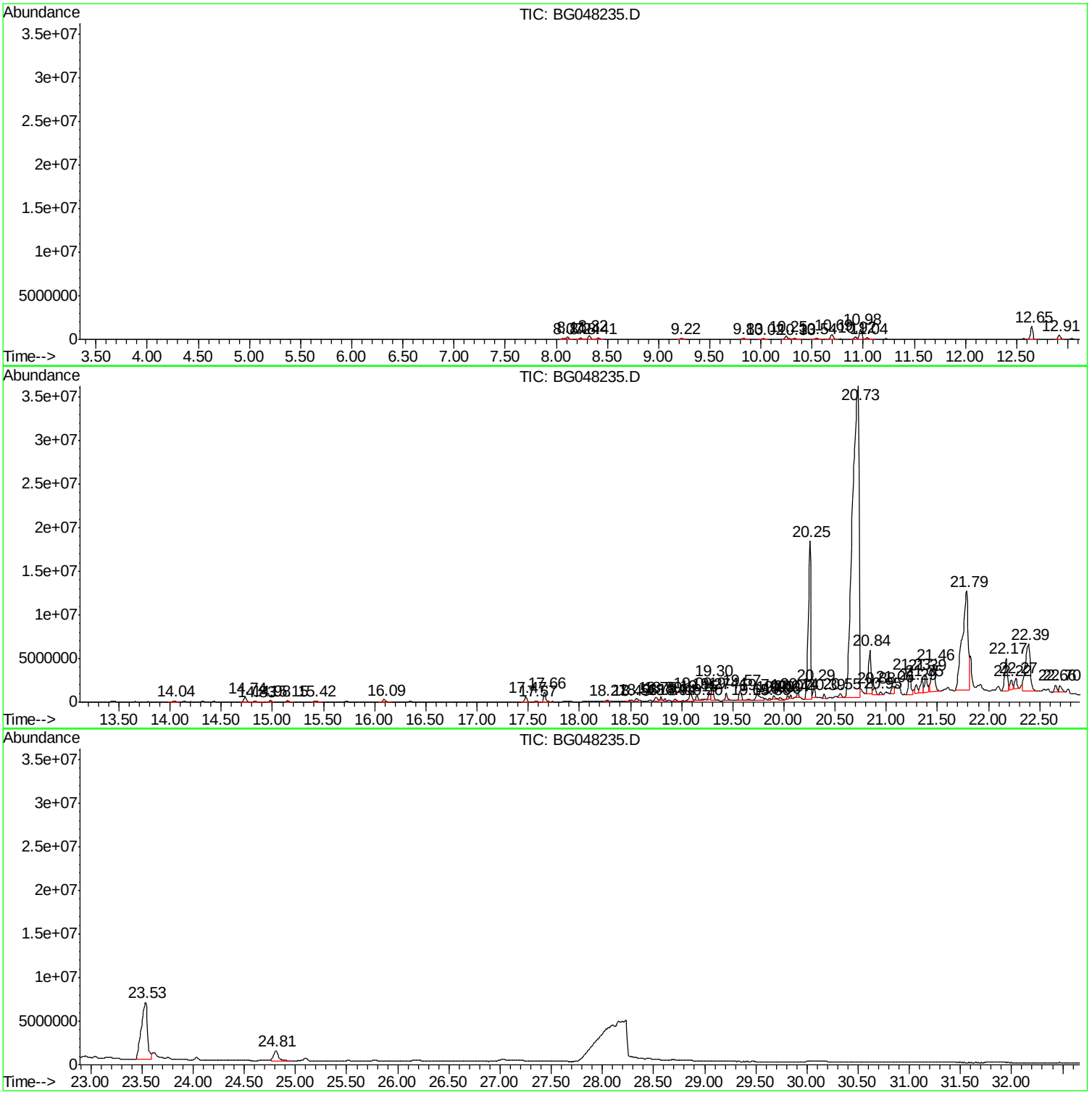
Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.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\BG021921\
Data File : BG048235.D
Acq On : 20 Feb 2021 13:43
Operator : CG/JU
Sample : M1379-17 5X
Misc :
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Instrument : BNA_G
ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

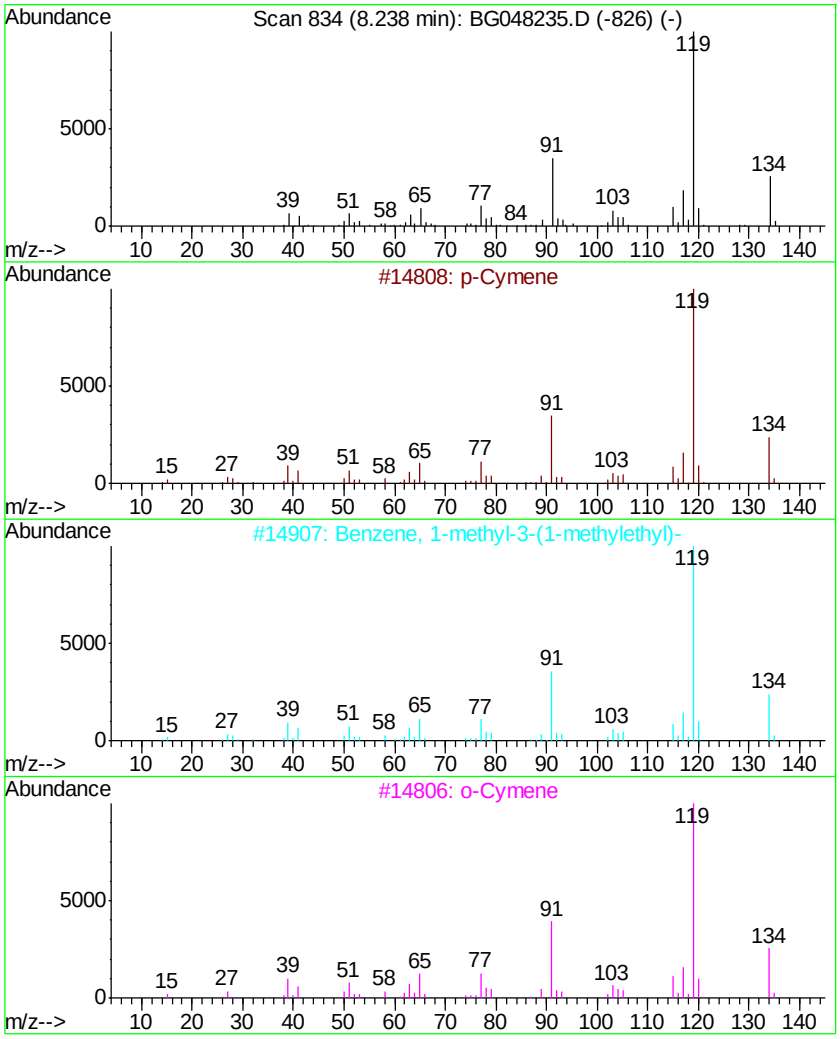
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

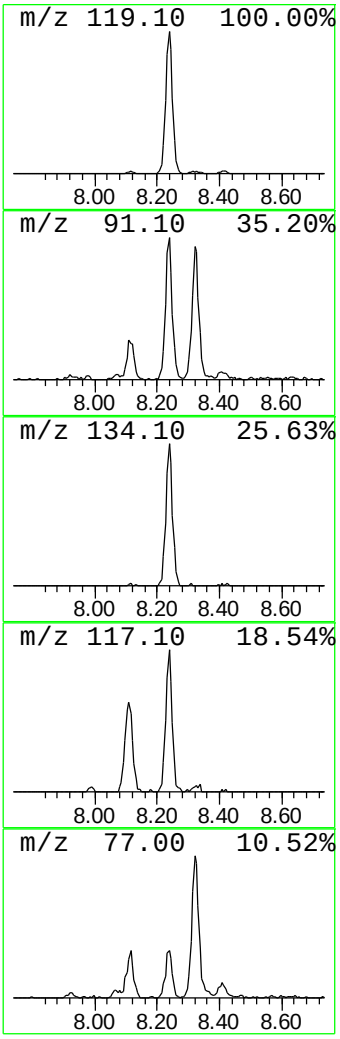
****

Peak Number 1 p-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	12.46 ng/ul	292015	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	91
5	p-Cymene	134	C10H14	000099-87-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048235.D
Acq On : 20 Feb 2021 13:43
Operator : CG/JU
Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

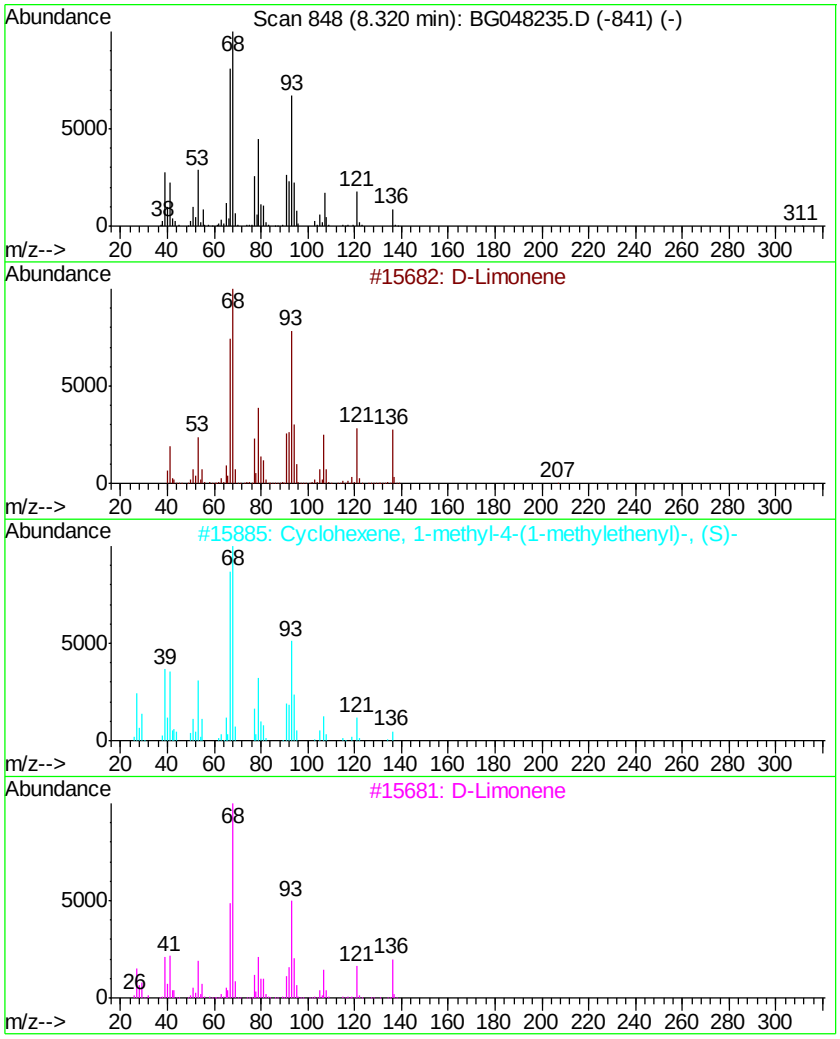
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

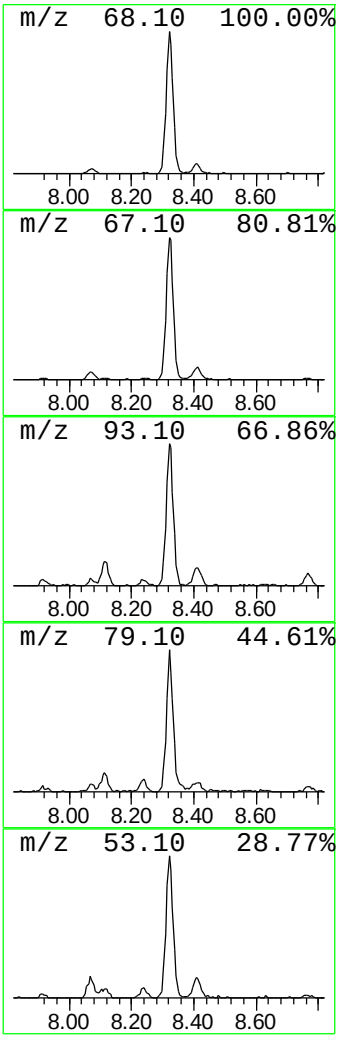
****

Peak Number 2 D-Limonene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	32.95 ng/ul	771970	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
3	D-Limonene	136	C10H16	005989-27-5	93
4	D-Limonene	136	C10H16	005989-27-5	93
5	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	90





Library Search Compound Report

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Data File : BG048235.D
Acq On : 20 Feb 2021 13:43
Operator : CG/JU
Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

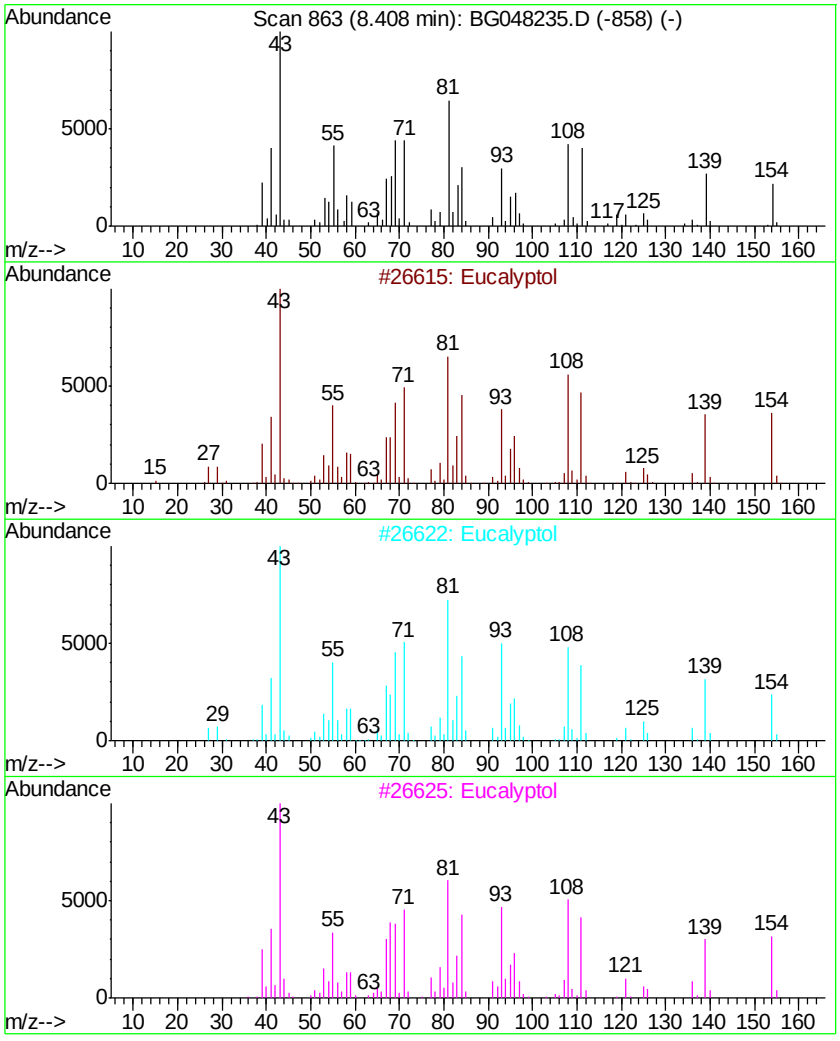
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

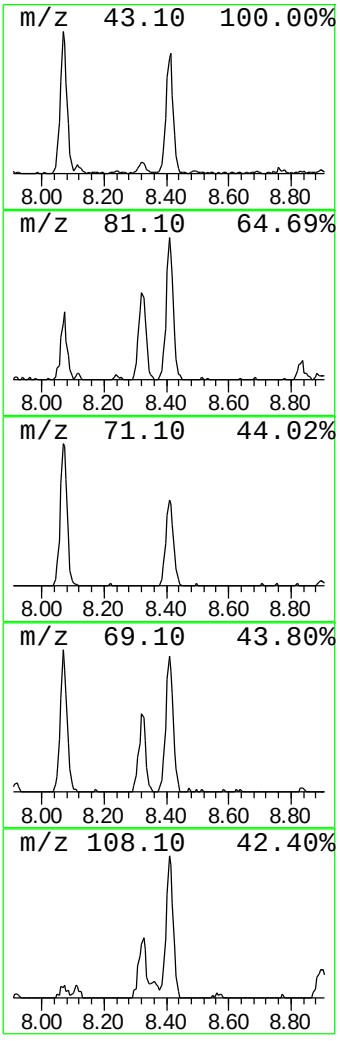
****

Peak Number 3 Eucalyptol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	11.98 ng/ul	280685	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	97
2	Eucalyptol	154	C10H18O	000470-82-6	93
3	Eucalyptol	154	C10H18O	000470-82-6	68
4	Eucalyptol	154	C10H18O	000470-82-6	43
5	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	43





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ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

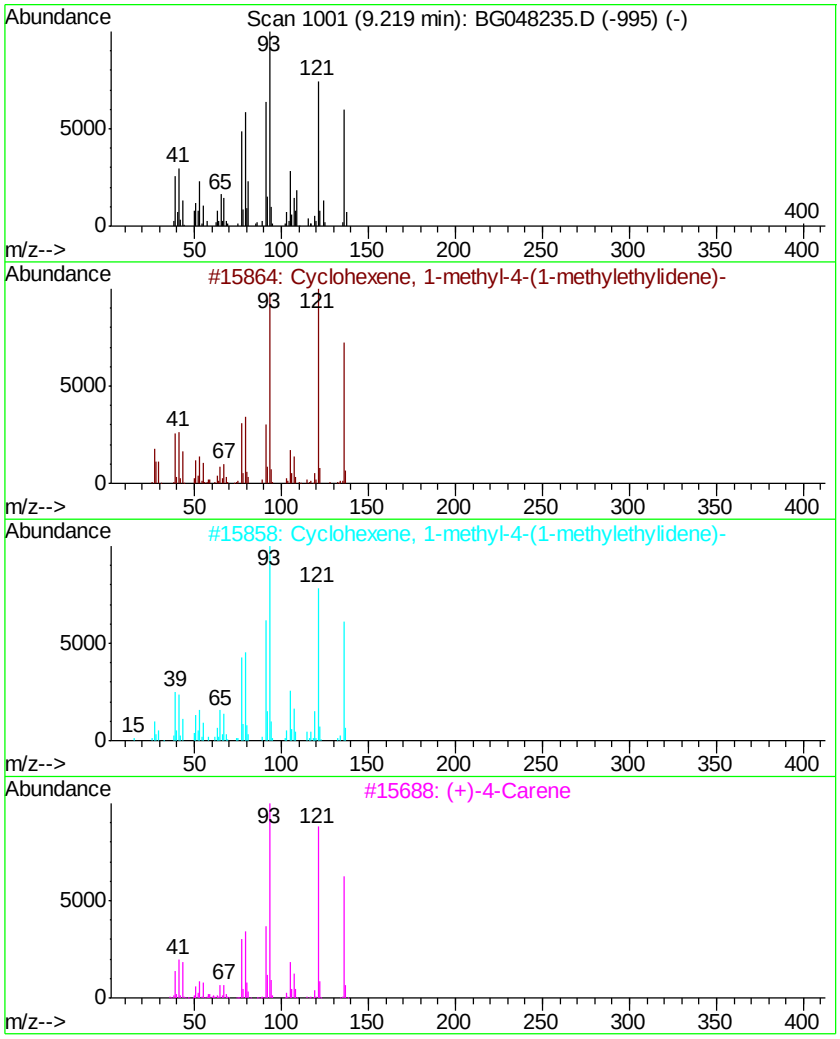
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

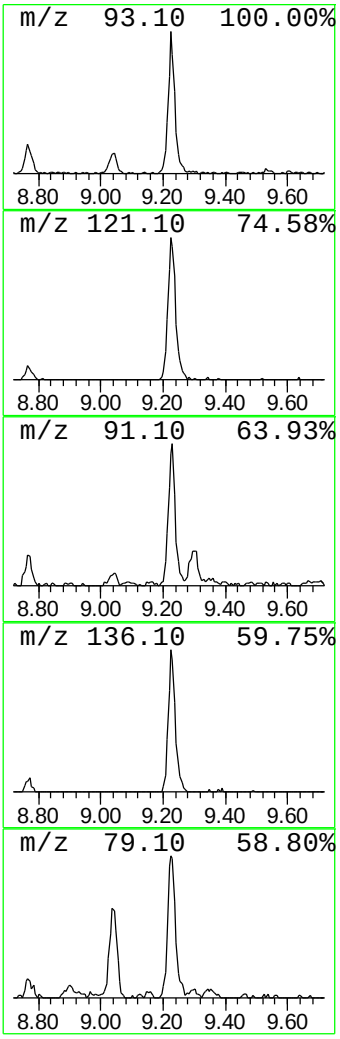
****

Peak Number 4 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	10.59 ng/ul	248202	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	95
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	95
3	(+)-4-Carene	136	C10H16	029050-33-7	94
4	2-Carene	136	C10H16	000554-61-0	93
5	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	93





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Instrument : BNA_G
ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

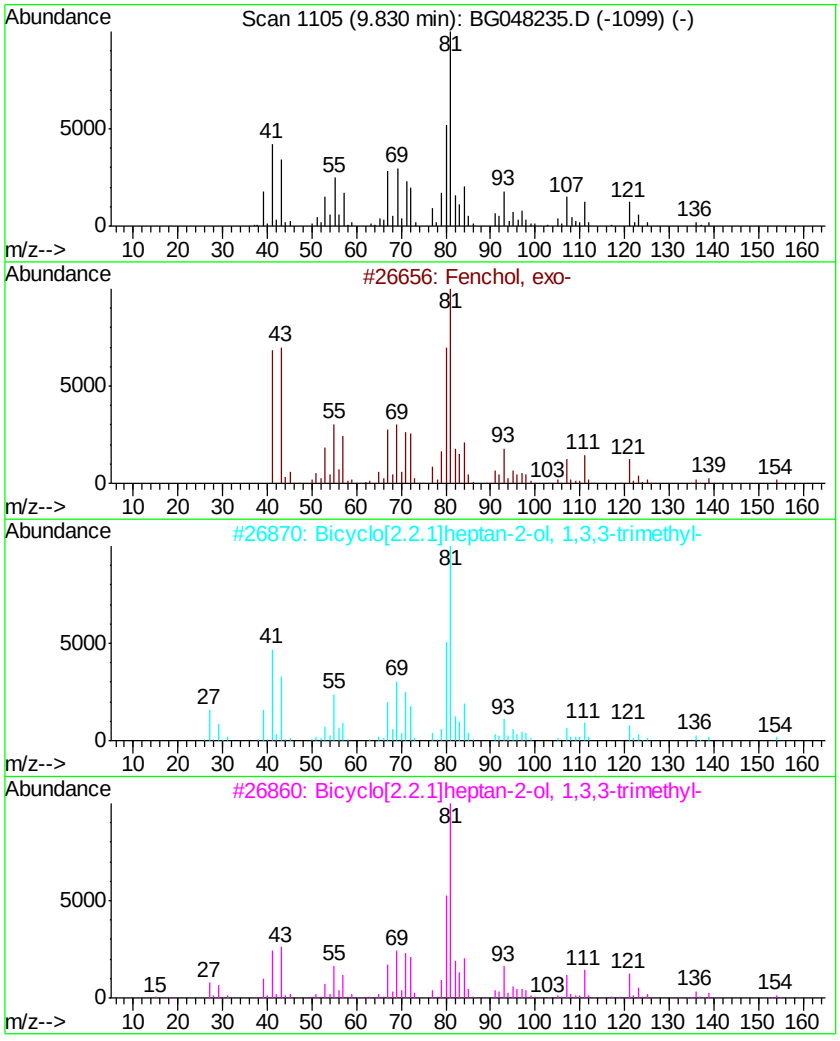
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

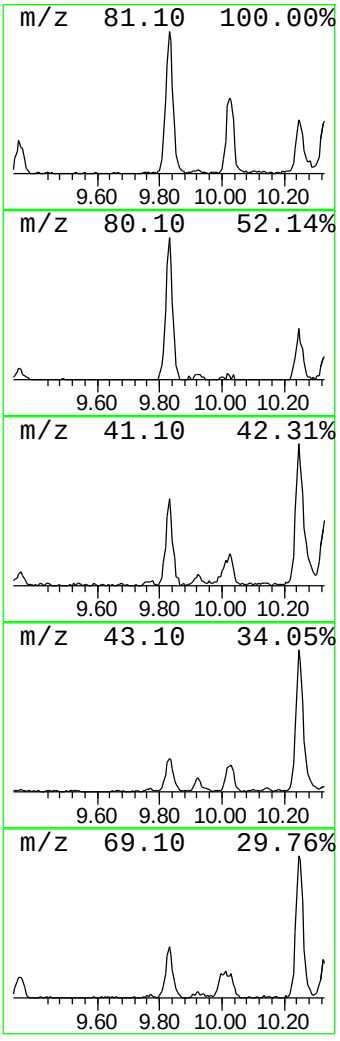
****

Peak Number 5 Fenchol, exo- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	9.63 ng/ul	248548	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchol, exo-	154	C10H18O	022627-95-8	91
2	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	86
3	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	86
4	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	78
5	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	72





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Instrument : BNA_G
ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

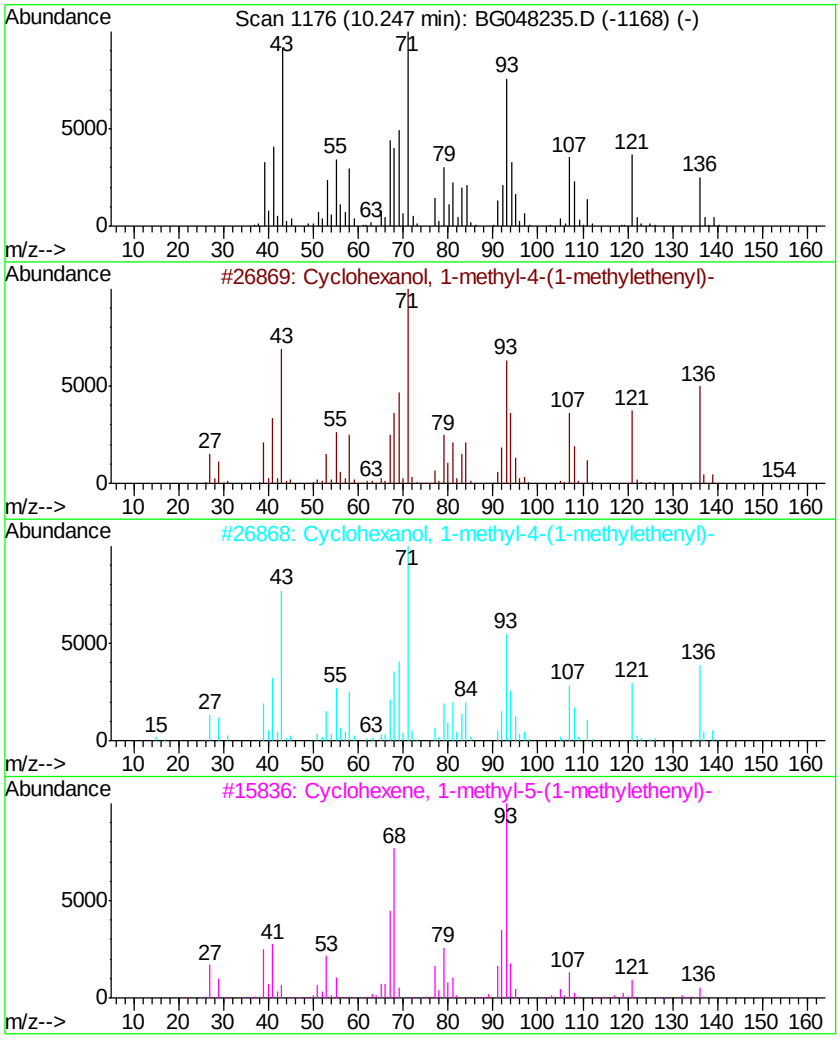
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

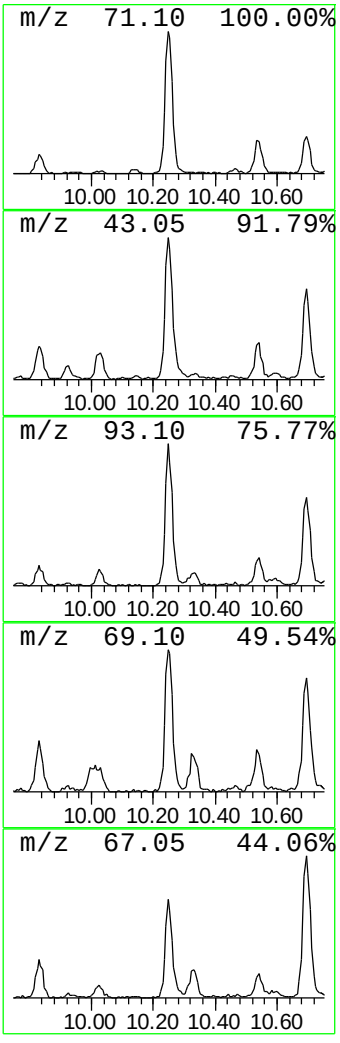
****

Peak Number 6 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	27.60 ng/ul	712187	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	83
2	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	83
3	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	43
4	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	001461-27-4	38
5	Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	35





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Data File : BG048235.D
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Instrument : BNA_G
ClientSampleId : DBH01

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Quant Title : SVOA CALIBRATION

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

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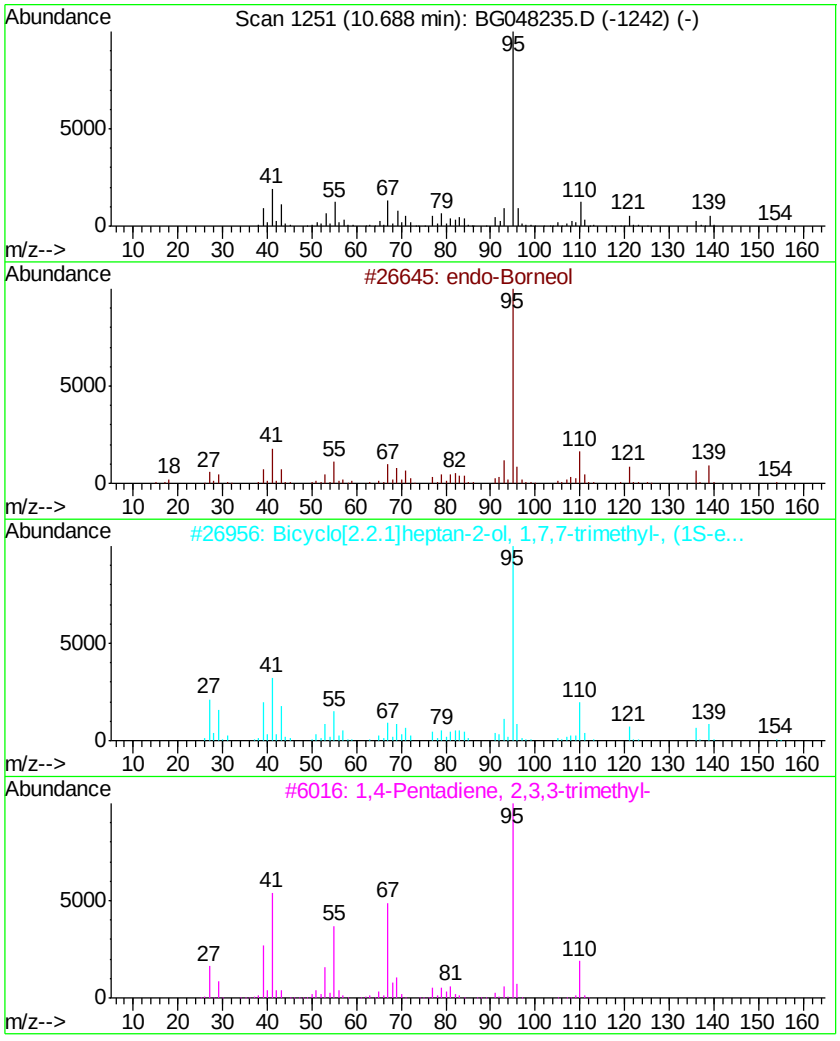
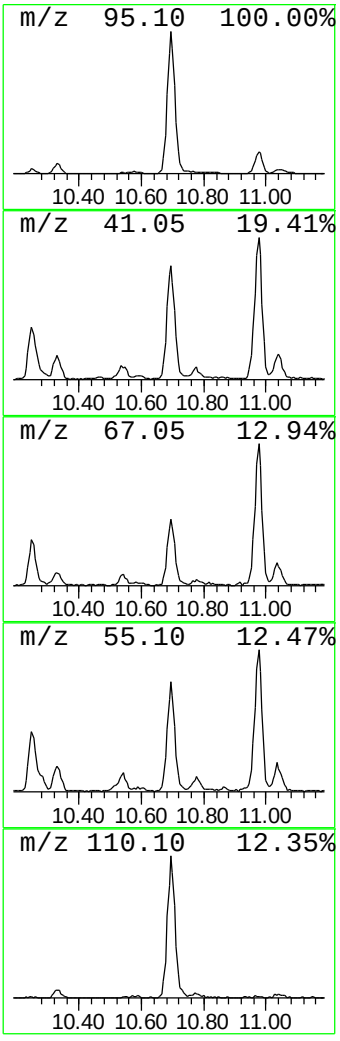
Peak Number 8 endo-Borneol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	39.71 ng/ul	1024390	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	94
2	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	83
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	72
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64





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Operator : CG/JU
Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

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Quant Title : SVOA CALIBRATION

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

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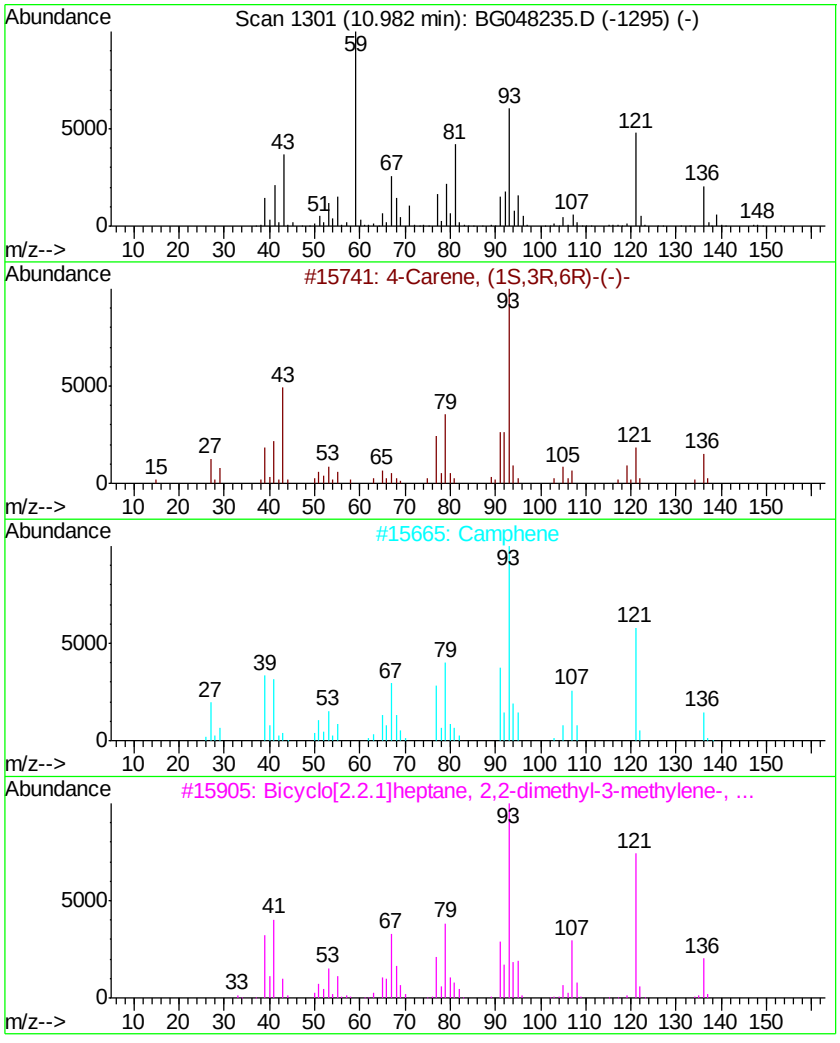
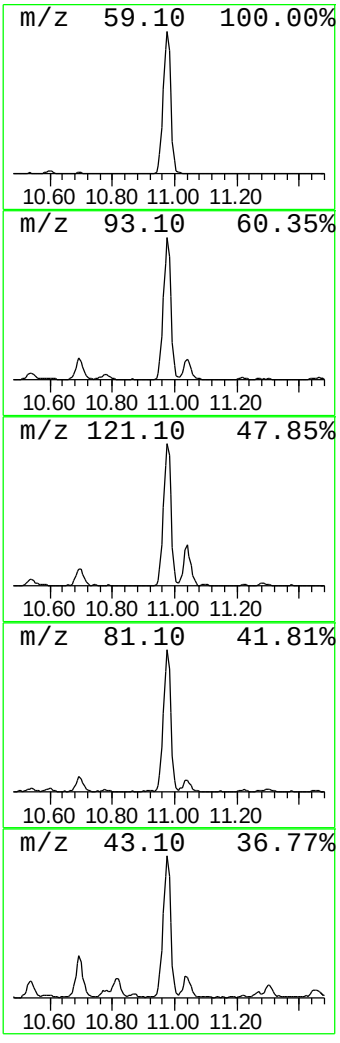
Peak Number 9 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	77.99 ng/ul	2012100	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	46
2	Camphene	136	C10H16	000079-92-5	45
3	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	45
4	L-.alpha.-Terpineol	154	C10H18O	010482-56-1	43
5	3-Carene	136	C10H16	013466-78-9	41





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Misc :
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Quant Title : SVOA CALIBRATION

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

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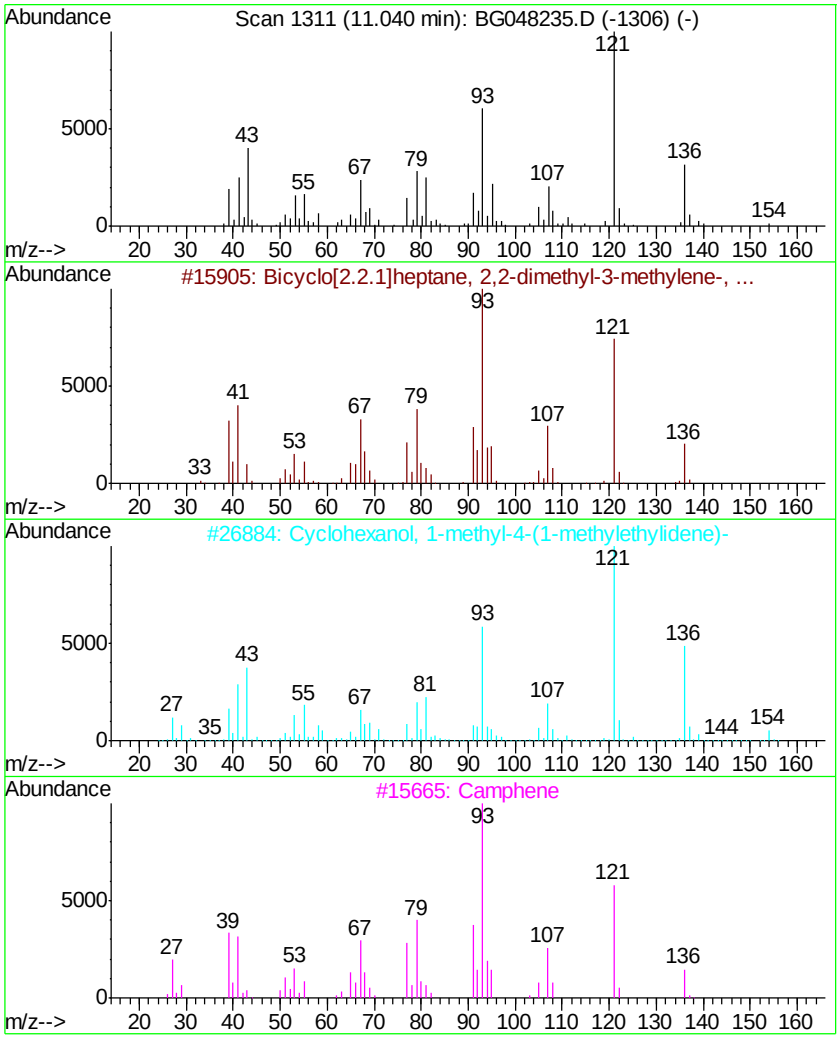
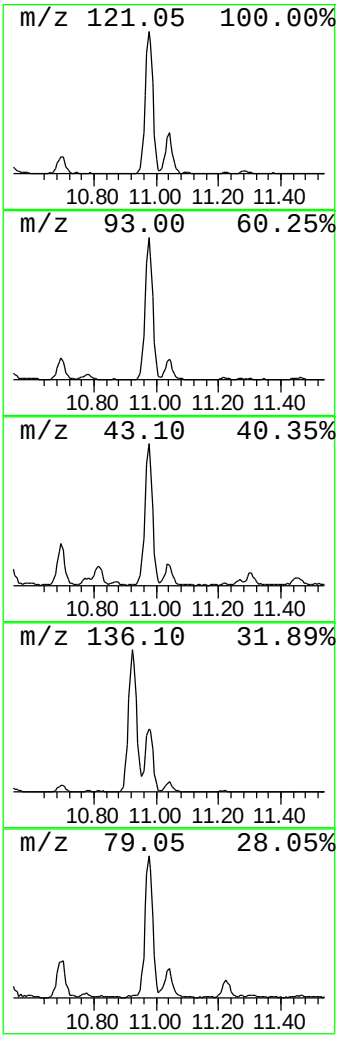
Peak Number 10 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	11.62 ng/ul	299867	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	83
2	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000586-81-2	81
3	Camphene	136	C10H16	000079-92-5	74
4	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	62
5	2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	60





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Instrument : BNA_G
ClientSampleId : DBH01

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Quant Title : SVOA CALIBRATION

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

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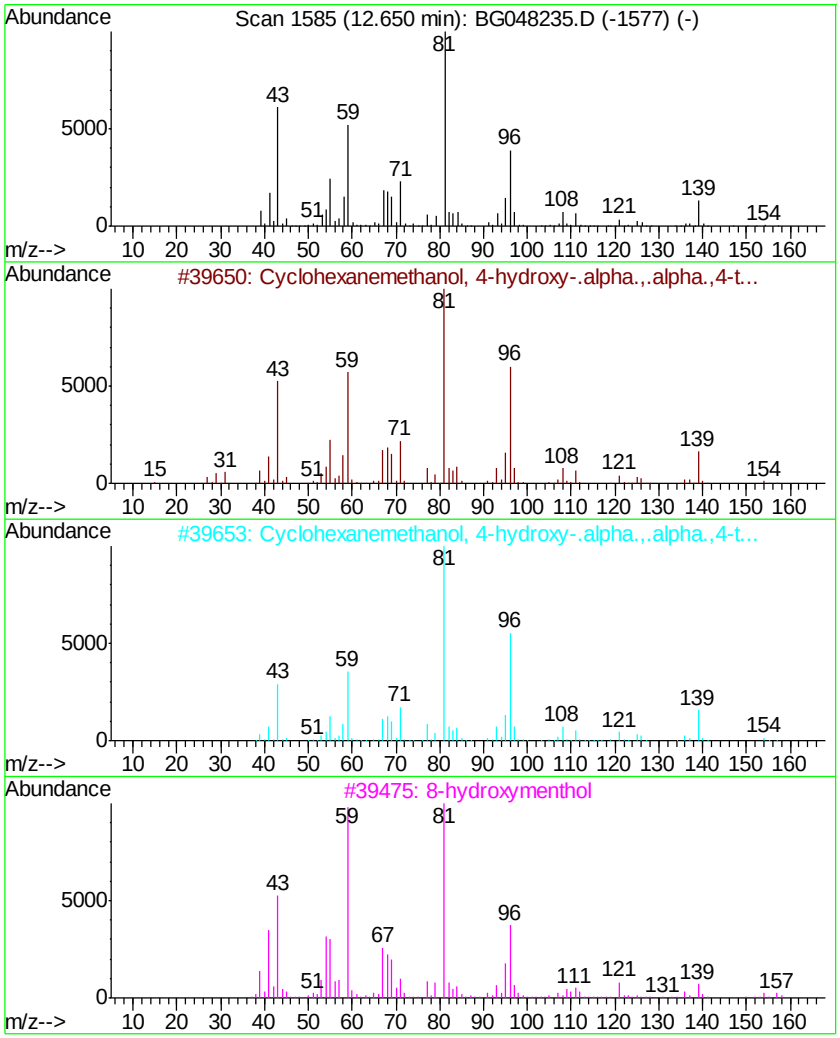
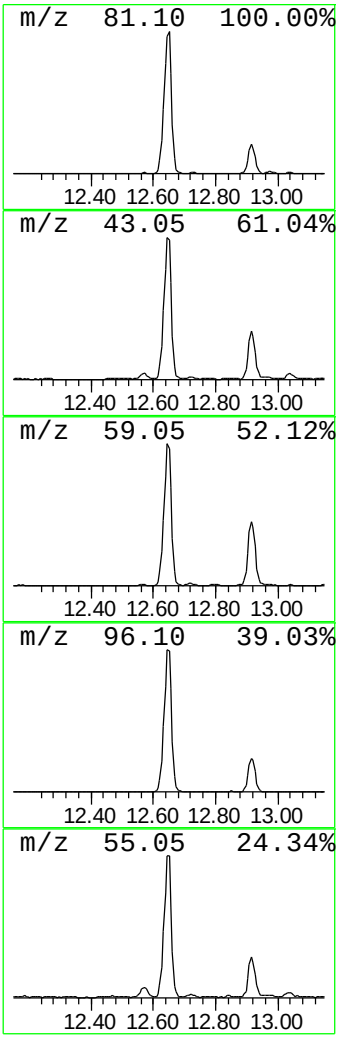
Peak Number 11 Cyclohexanemethanol, 4-hydr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	95.52 ng/ul	2464460	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	91
2	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	83
3	8-hydroxymenthol	172	C10H20O2	1000374-16-2	72
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	60
5	Acetic acid, cis-4-methylcyclohe...	156	C9H16O2	1000368-24-8	47





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

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Quant Title : SVOA CALIBRATION

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

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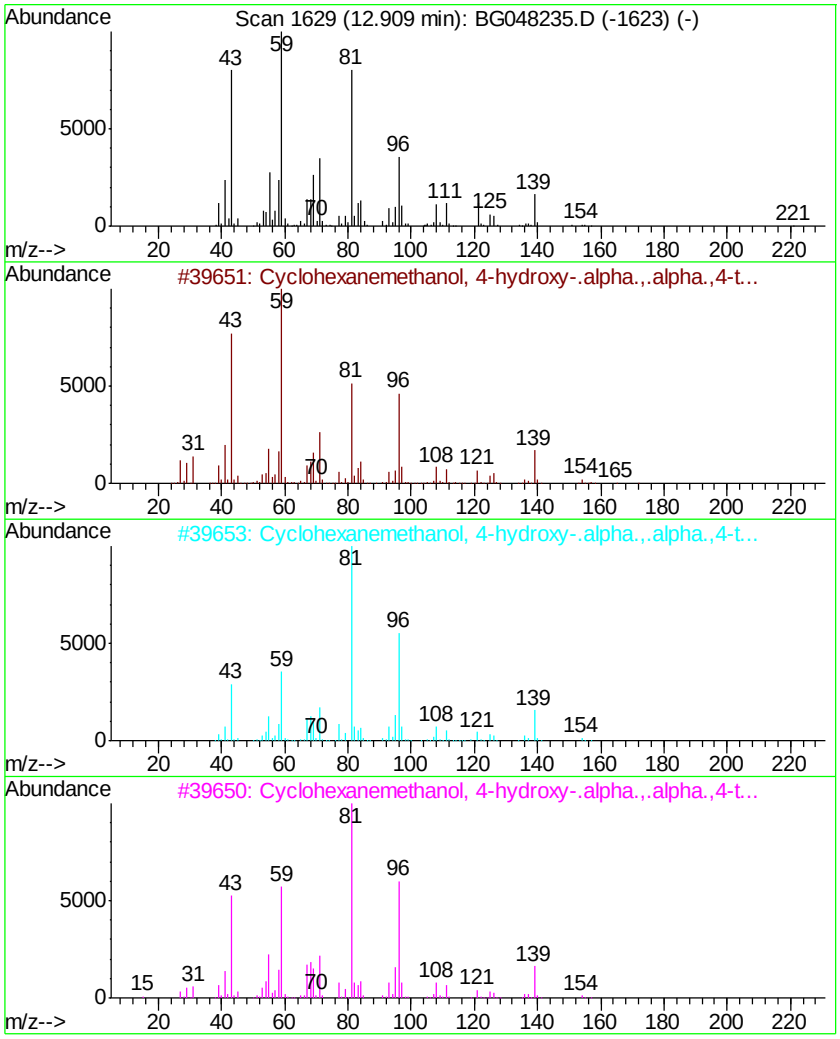
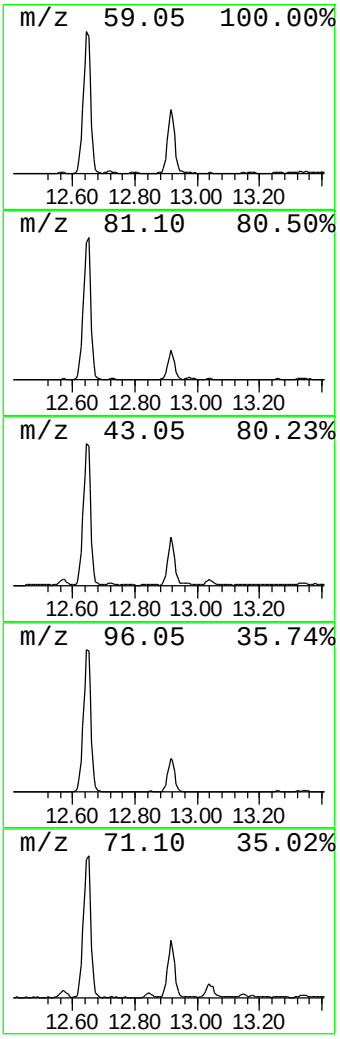
Peak Number 12 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	16.20 ng/ul	751971	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	53
2	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	47
3	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	38
4	1,5-Dimethyl-bicyclo[3.2.0]hepta...	168	C10H16O2	1000190-69-8	38
5	Formic acid, cis-4-methylcyclohe...	142	C8H14O2	1000368-24-7	35





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Instrument : BNA_G
ClientSampleId : DBH01

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Quant Title : SVOA CALIBRATION

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

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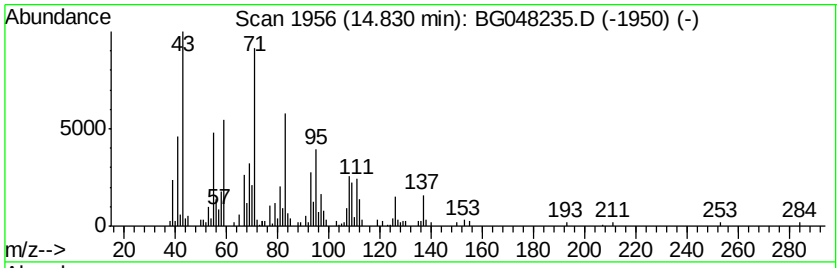
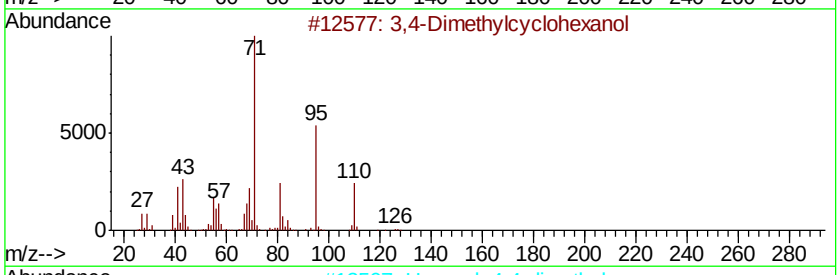
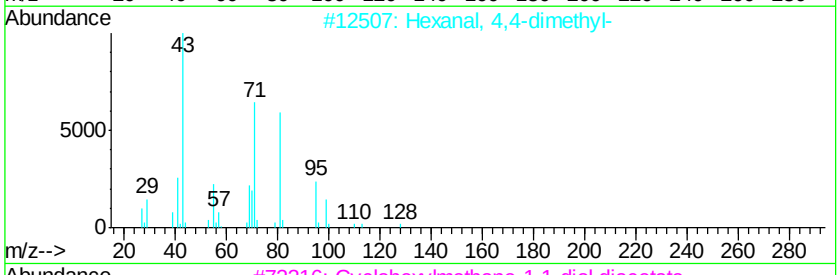
Peak Number 14 unknown-03 Concentration Rank 37

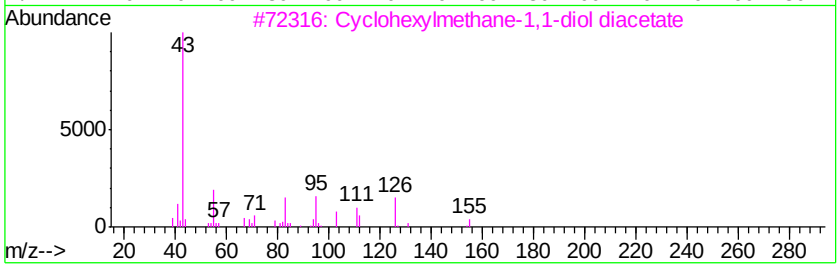
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	3.52 ng/ul	163591	Acenaphthene-d10	14.74

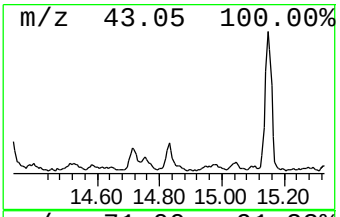
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcyclohexanol	128	C8H16O	005715-23-1	27
2	Hexanal, 4,4-dimethyl-	128	C8H16O	005932-91-2	27
3	Cyclohexylmethane-1,1-diol diace...	214	C11H18O4	064847-82-1	22
4	5-Hepten-3-one, 5-ethyl-2-methyl-	154	C10H18O	049833-97-8	22
5	Sulfurous acid, 2-pentyl propyl ...	194	C8H18O3S	1000309-15-1	16

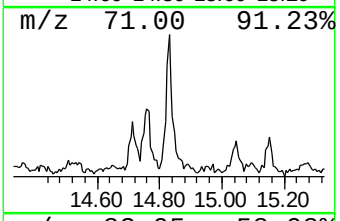


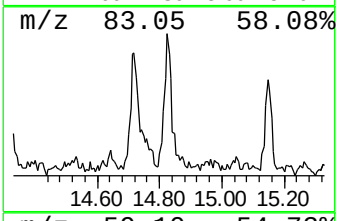


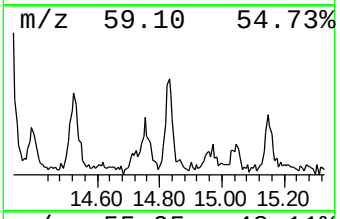


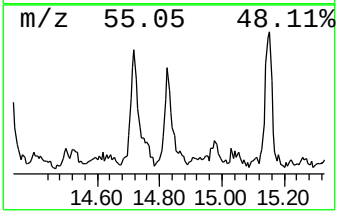












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Acq On : 20 Feb 2021 13:43
Operator : CG/JU
Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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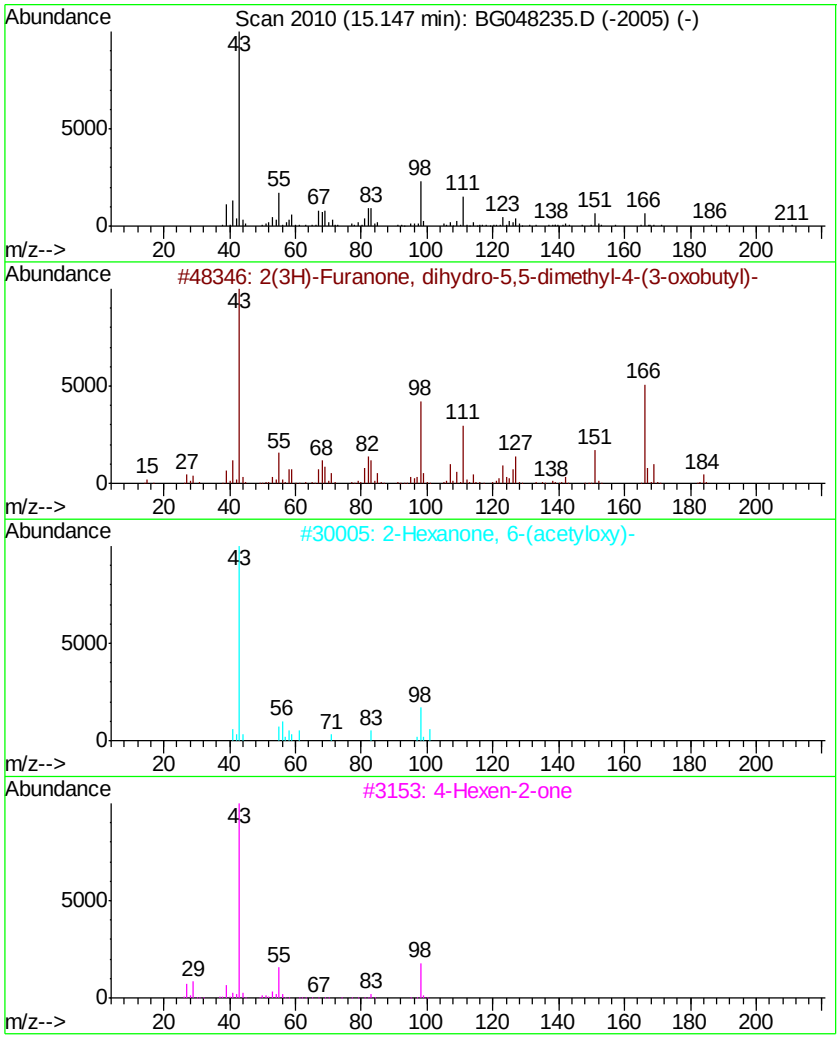
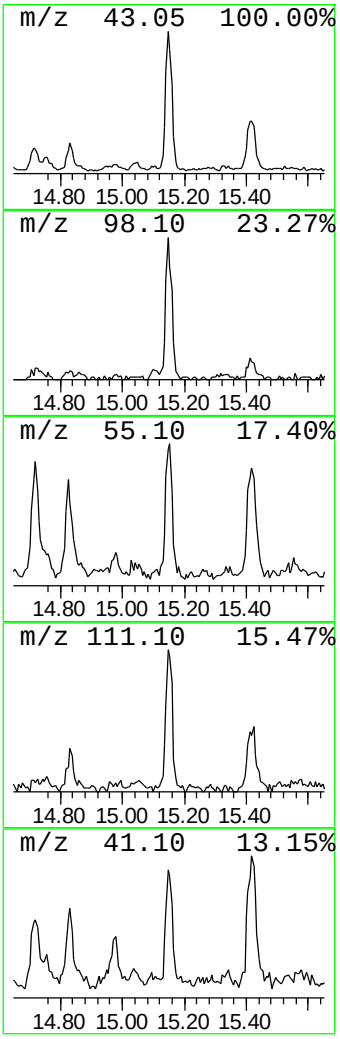
Peak Number 15 unknown-04 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	4.78 ng/ul	222046	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-5,5-dime...	184	C10H16O3	004436-81-1	40
2	2-Hexanone, 6-(acetyloxy)-	158	C8H14O3	004305-26-4	25
3	4-Hexen-2-one	98	C6H10O	025659-22-7	14
4	3-Buten-2-one, 4-(1-aziridinyl)-	111	C6H9NO	018277-57-1	14
5	4-Heptenal, 6-(acetyloxy)-4-meth...	184	C10H16O3	064702-50-7	12





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Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

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Quant Title : SVOA CALIBRATION

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

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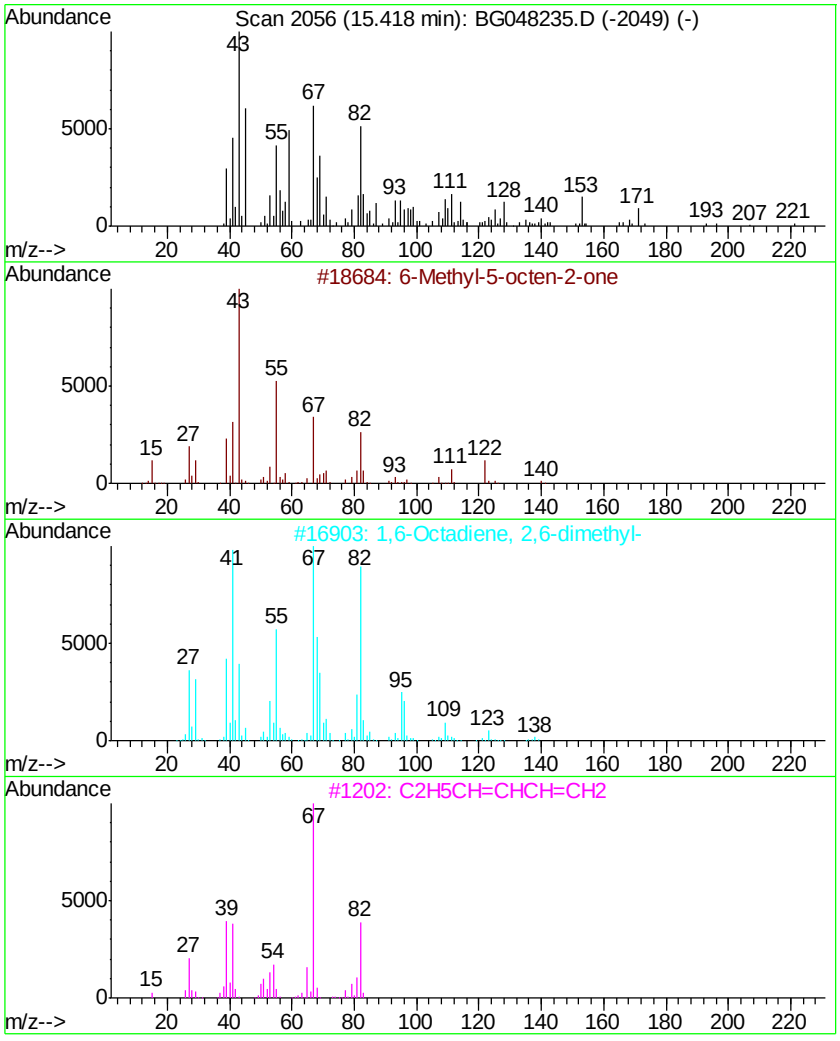
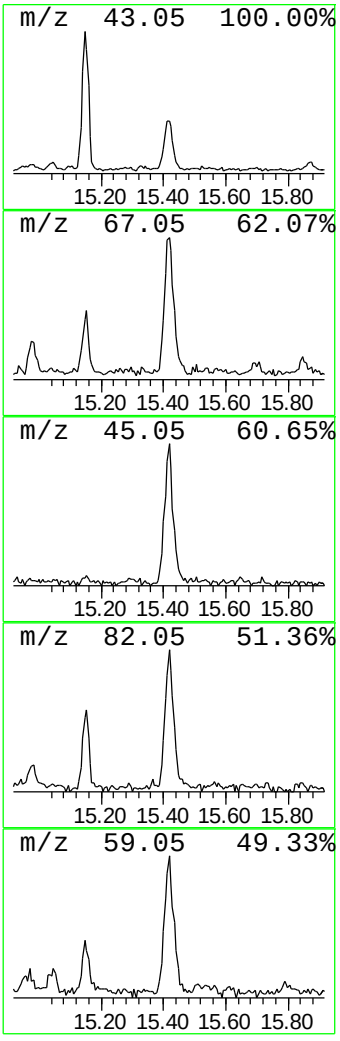
Peak Number 16 unknown-05 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	6.81 ng/ul	315850	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-5-octen-2-one	140	C9H16O	024199-46-0	30
2	1,6-Octadiene, 2,6-dimethyl-	138	C10H18	031222-43-2	25
3	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	22
4	Butanoic acid, 4-methoxy-, methy...	132	C6H12O3	029006-01-7	22
5	1-Acetyl-2-(2'-oxo-propyl)-cyclo...	168	C10H16O2	1000143-40-1	22





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Quant Title : SVOA CALIBRATION

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

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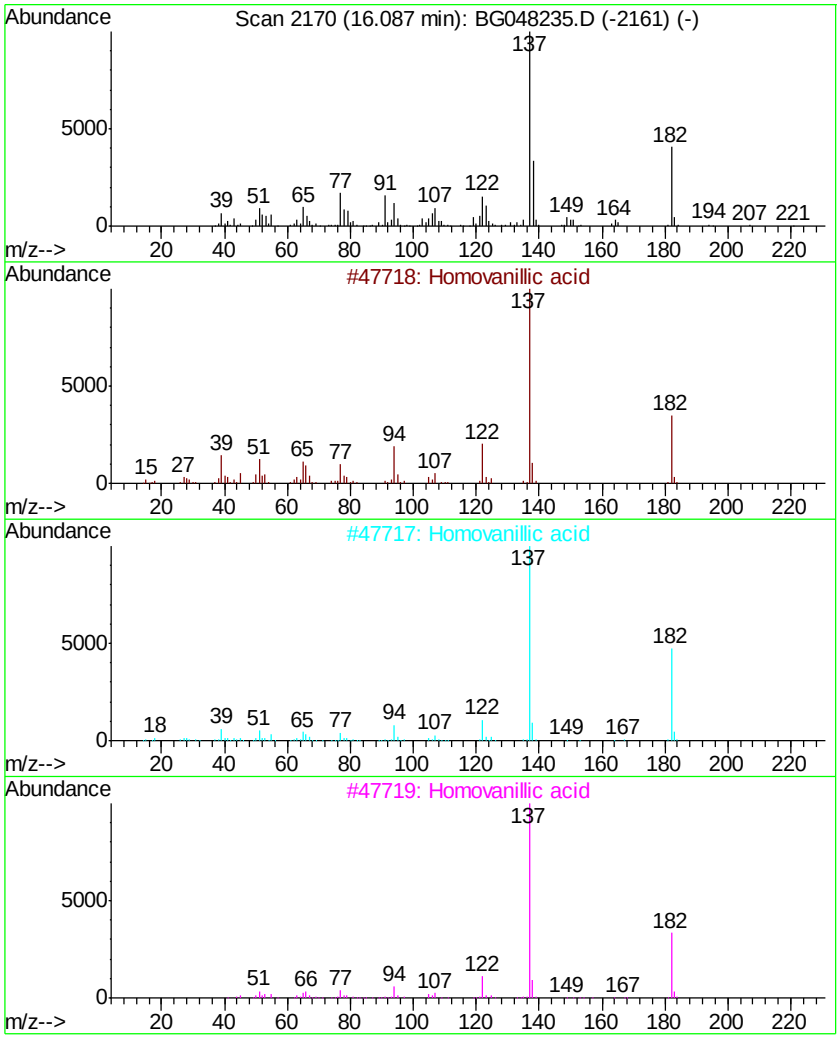
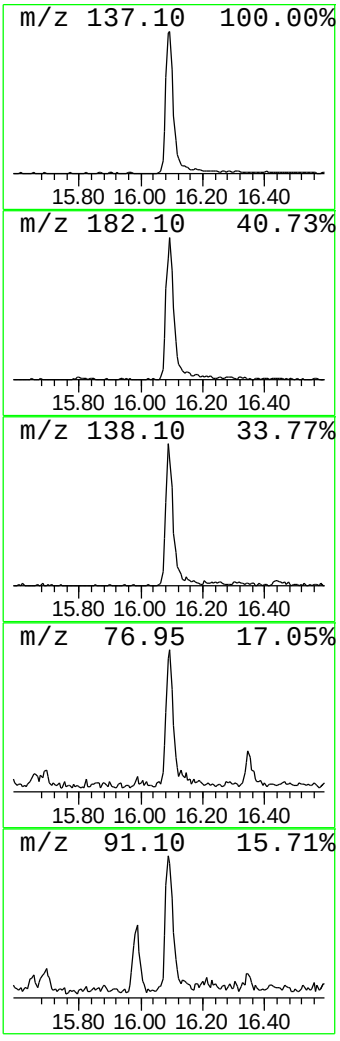
Peak Number 17 Homovanillic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	11.82 ng/ul	548613	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Homovanillic acid	182	C9H10O4	000306-08-1	81
2	Homovanillic acid	182	C9H10O4	000306-08-1	72
3	Homovanillic acid	182	C9H10O4	000306-08-1	64
4	Ethyl 3,4-dihydroxybenzoate	182	C9H10O4	003943-89-3	58
5	Phenol, 4-(ethoxymethyl)-2-methoxy-	182	C10H14O3	013184-86-6	52





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Misc :
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ClientSampleId : DBH01

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Quant Title : SVOA CALIBRATION

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

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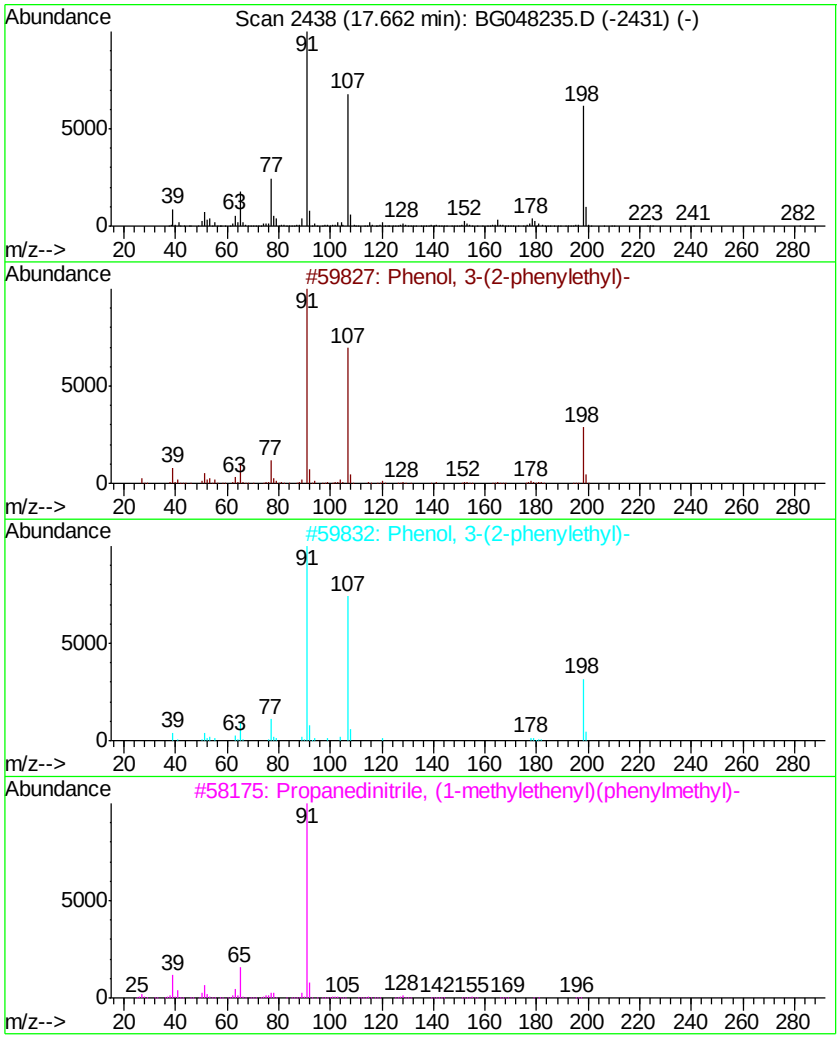
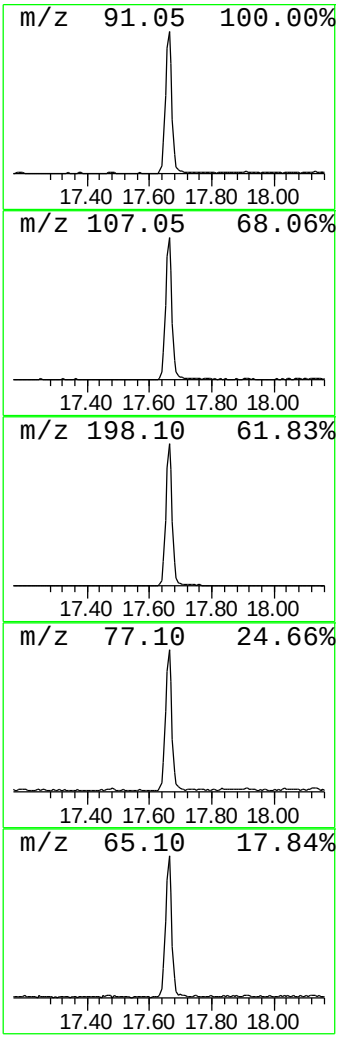
Peak Number 18 Phenol, 3-(2-phenylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	37.93 ng/ul	1647520	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	90
2	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	90
3	Propanedinitrile, (1-methylethen...	196	C13H12N2	069564-95-0	53
4	Benzene, 1-methyl-2-(phenylmetho...	198	C14H14O	019578-70-2	47
5	2-Propen-1-one, 3-(2-furanyl)-1-...	198	C13H10O2	000717-21-5	43





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Quant Title : SVOA CALIBRATION

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

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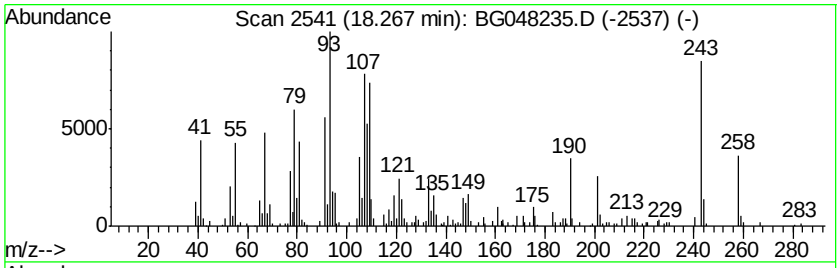
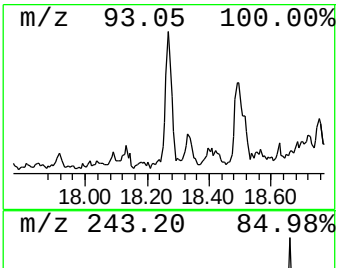
Peak Number 19 unknown-06 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	5.58 ng/ul	242281	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]oct-2-ene, 1,2,3,6...	164	C12H20	062376-14-1	35
2	(7S)-(-)-10,10-di-Me-5-thia-4-az...	213	C10H15NO2S	060886-80-8	30
3	Cyclopentadiene, 2,5,5-trimethyl-	108	C8H12	007086-15-9	18
4	2,3-Dimethyl-cyclohexa-1,3-diene	108	C8H12	004430-91-5	18
5	(1R)-(-)-Myrtenal	150	C10H14O	018486-69-6	15





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Acq On : 20 Feb 2021 13:43
Operator : CG/JU
Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

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Quant Title : SVOA CALIBRATION

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

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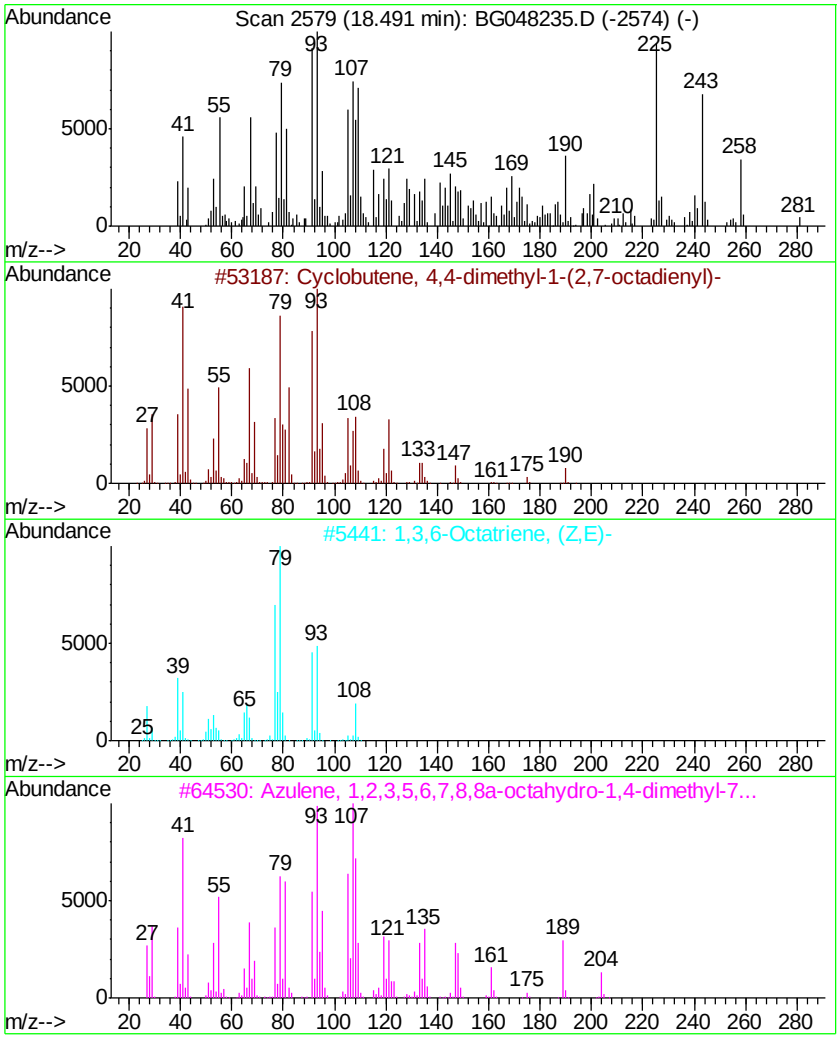
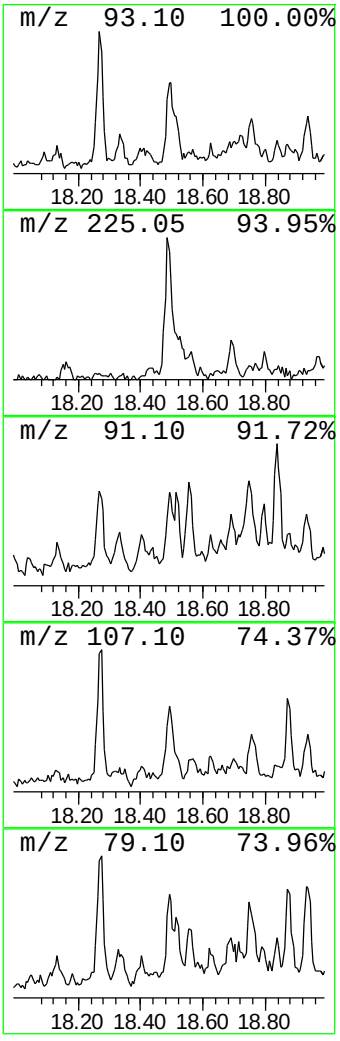
Peak Number 20 unknown-07 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	6.12 ng/ul	265843	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutene, 4,4-dimethyl-1-(2,7...	190	C14H22	062338-42-5	38
2	1,3,6-Octatriene, (Z,E)-	108	C8H12	022038-68-2	30
3	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	30
4	1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	30
5	3-Methylenecycloheptene	108	C8H12	034564-56-2	30





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Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

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Quant Title : SVOA CALIBRATION

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

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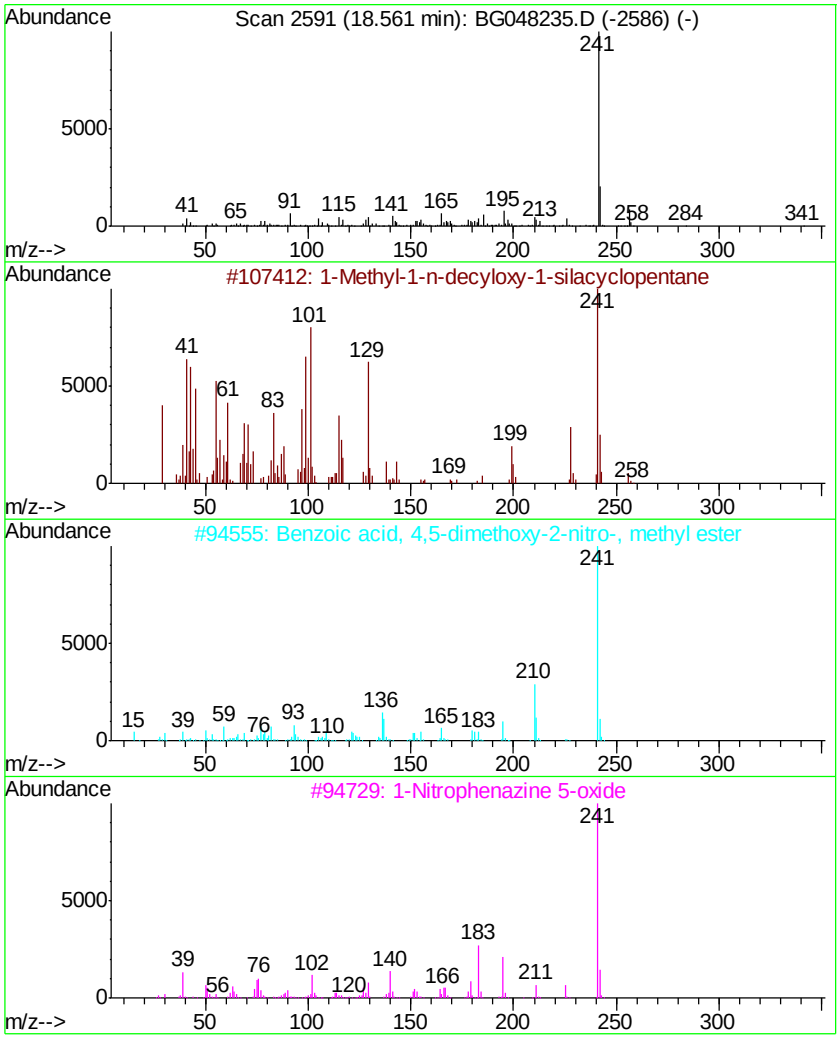
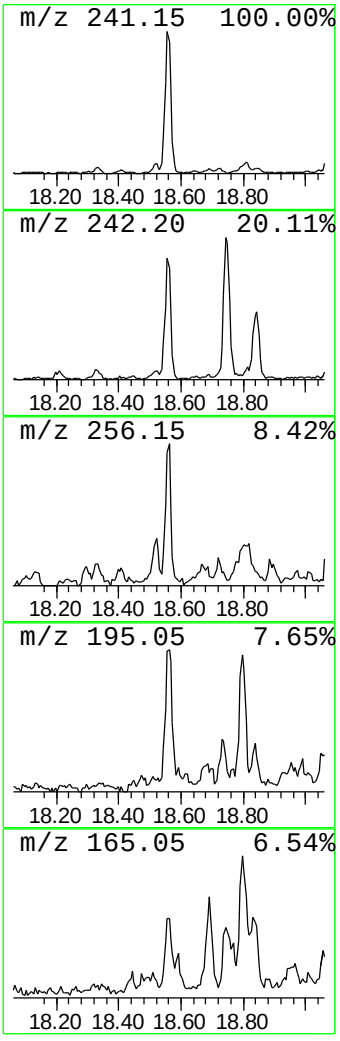
Peak Number 21 1-Methyl-1-n-decyloxy-1-sil... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	9.43 ng/ul	409727	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1-n-decyloxy-1-silacycl...	256	C15H32OSi	1000216-91-2	72
2	Benzoic acid, 4,5-dimethoxy-2-ni...	241	C10H11NO6	026791-93-5	53
3	1-Nitrophenazine 5-oxide	241	C12H7N3O3	002876-34-8	50
4	1H-Benz[de]isoquinoline-1,3(2H)-...	241	C14H11NO3	003271-05-4	50
5	1,3,5,7-Tetrasilatricyclo[3.3.1....	256	C10H24Si4	017995-33-4	50





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Misc :
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Instrument : BNA_G
ClientSampleId : DBH01

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Quant Title : SVOA CALIBRATION

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

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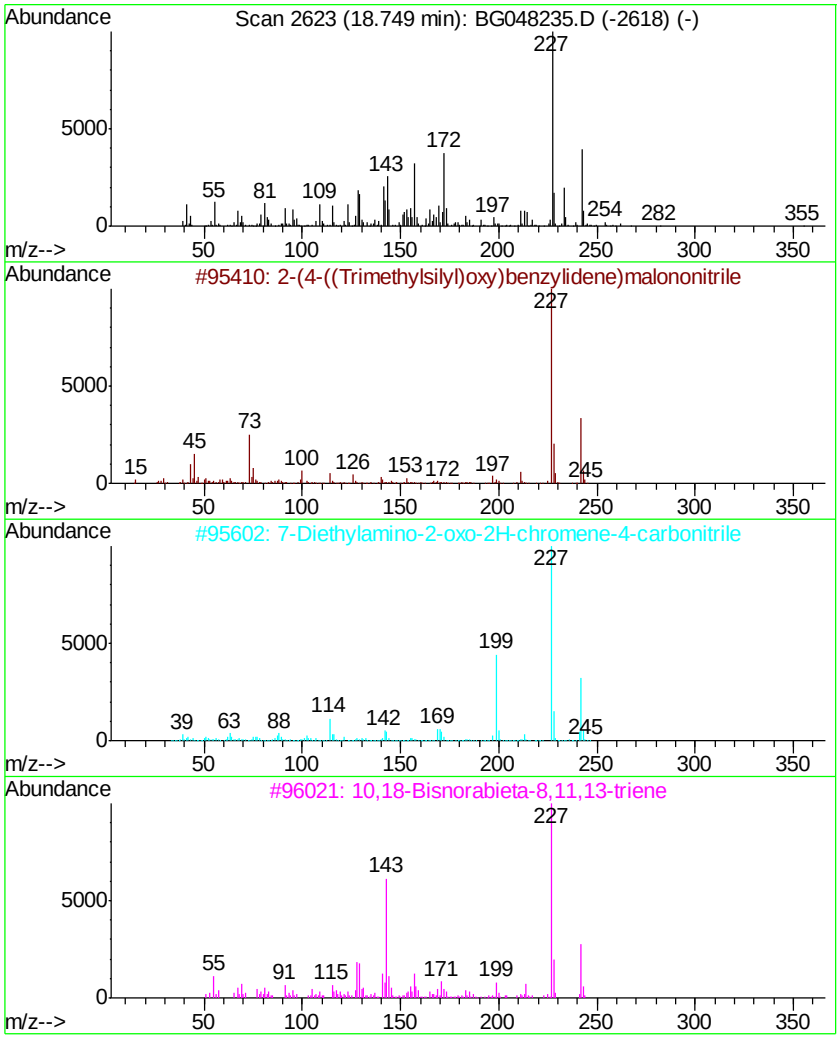
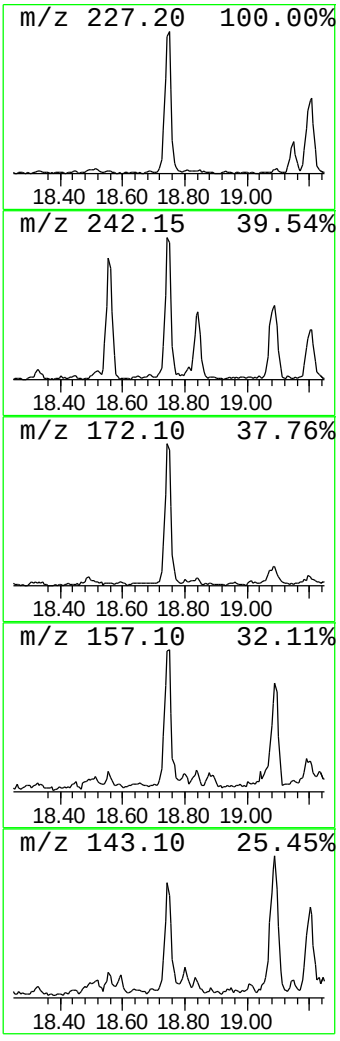
Peak Number 22 unknown-08 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	16.73 ng/ul	726692	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-((Trimethylsilyl)oxy)benzyl...	242	C13H14N2OSi	1000297-99-1	49
2	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	46
3	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	46
4	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	46
5	1-Dimethylphenylsilyloxy-3-methy...	242	C15H18OSi	1000307-90-4	43





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

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Quant Title : SVOA CALIBRATION

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

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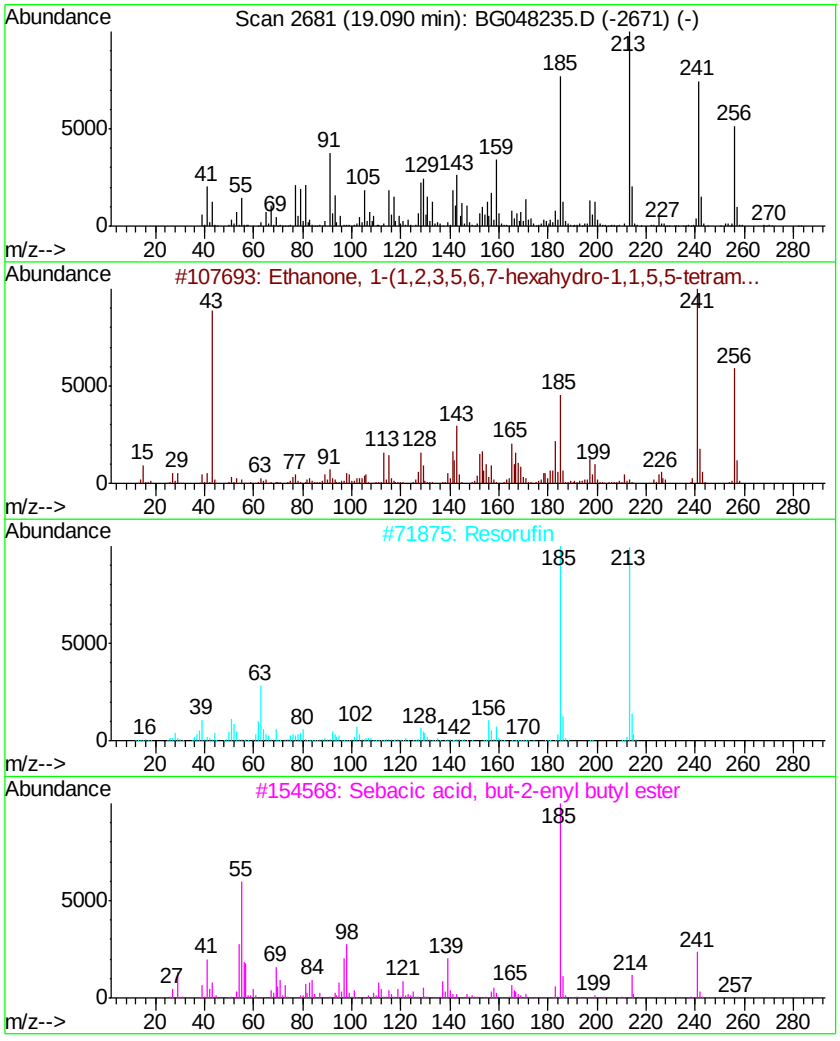
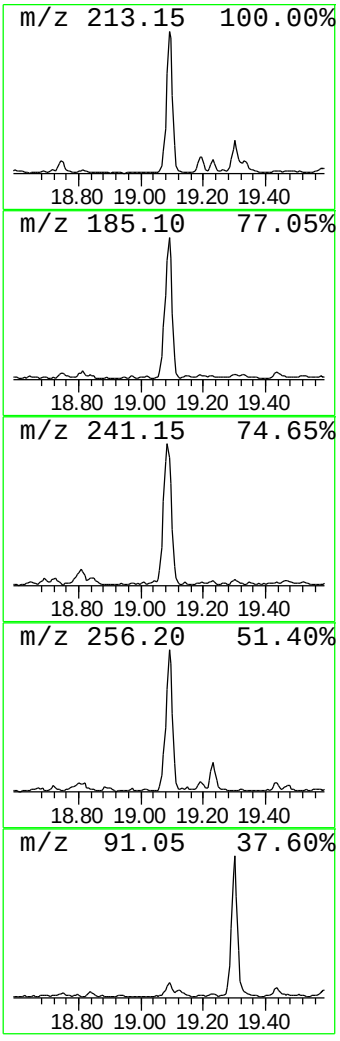
Peak Number 26 Ethanone, 1-(1,2,3,5,6,7-he... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	40.71 ng/ul	1768550	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1,2,3,5,6,7-hexahyd...	256	C18H24O	056298-80-7	60
2	Resorufin	213	C12H7NO3	000635-78-9	43
3	Sebacic acid, but-2-enyl butyl e...	312	C18H32O4	1000356-11-1	35
4	Phenol, 2-[5-(2-furyl)pyrazol-3-...	256	C14H12N2O3	309923-40-8	30
5	5-n-Butyl-2,4-diamino-6-[p-tolyl...	256	C15H20N4	274679-66-2	25





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Quant Title : SVOA CALIBRATION

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

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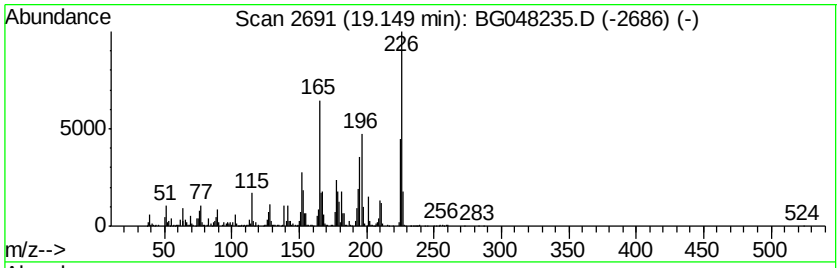
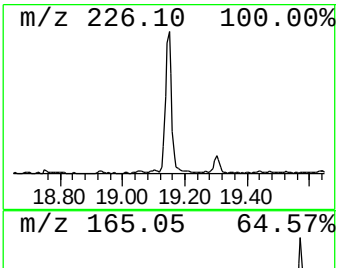
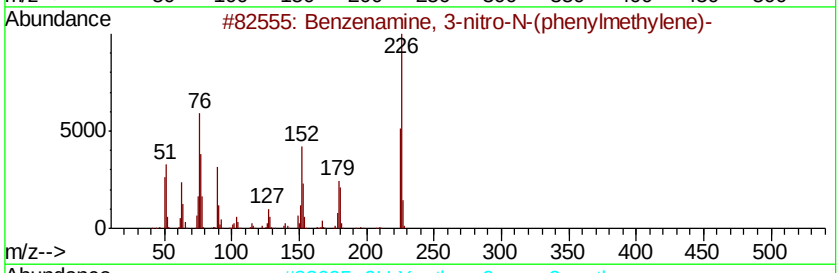
Peak Number 27 unknown-09 Concentration Rank 13

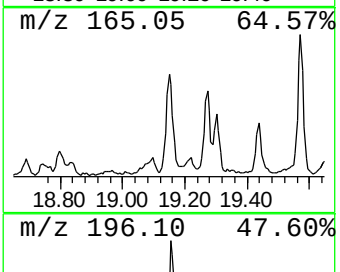
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	21.27 ng/ul	924099	Phenanthrene-d10	17.47

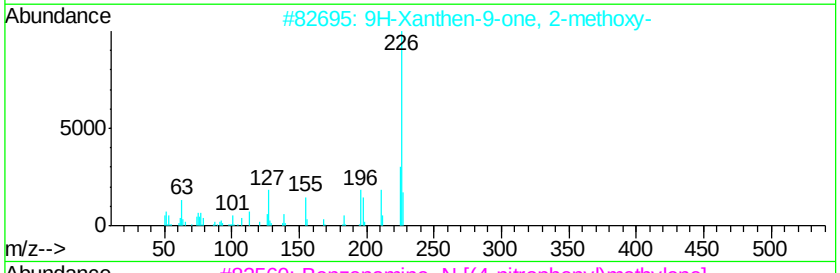
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-nitro-N-(phenylme...	226	C13H10N2O2	005341-44-6	45
2	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	38
3	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	38
4	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	35
5	9-Borabicyclo[3.3.1]nonane, 9-(2...	226	C16H23B	067753-90-6	35

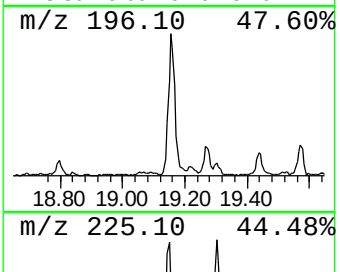


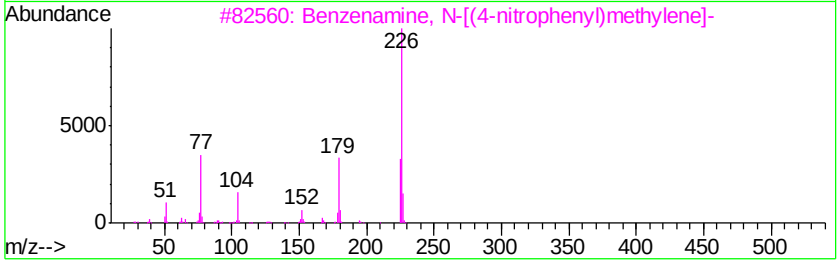


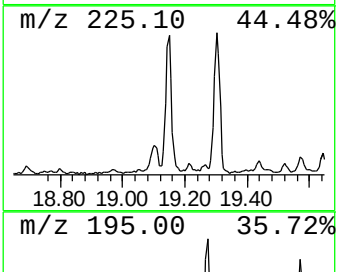


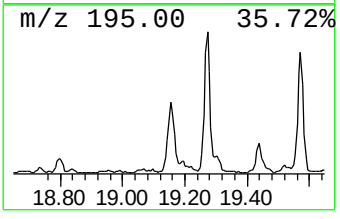












Library Search Compound Report

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Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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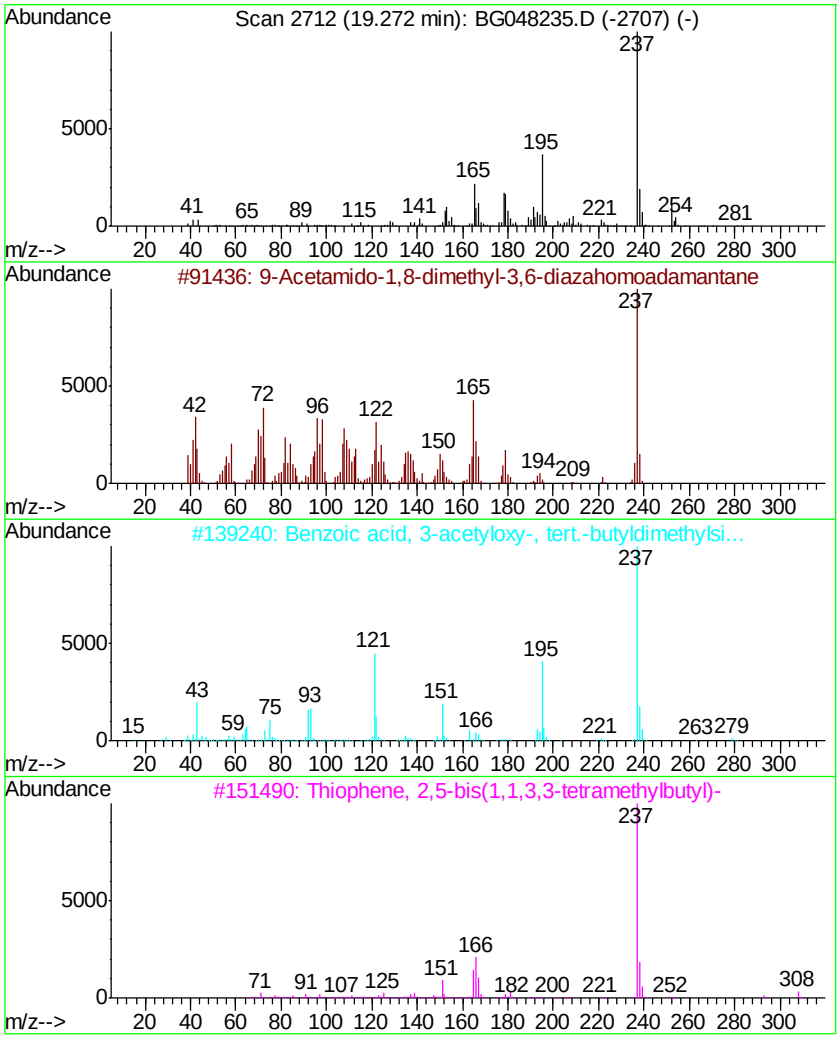
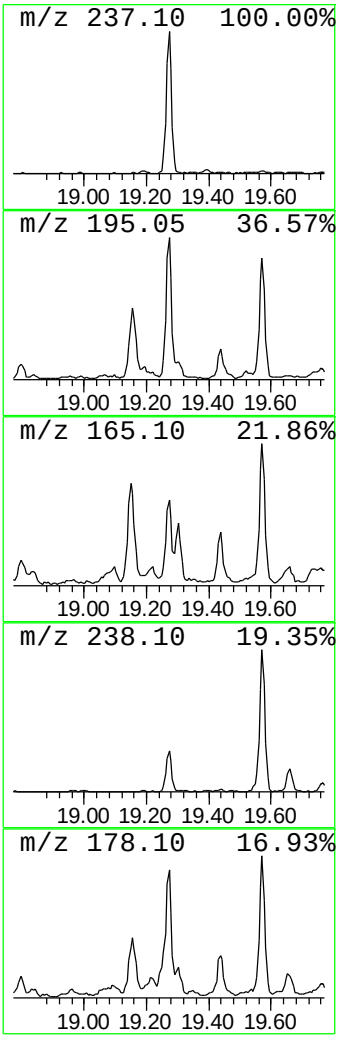
Peak Number 29 9-Acetamido-1,8-dimethyl-3,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	24.37 ng/ul	1058580	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Acetamido-1,8-dimethyl-3,6-dia...	237	C13H23N3O	147084-72-8	53
2	Benzoic acid, 3-acetyloxy-, tert...	294	C15H22O4Si	1000375-02-7	53
3	Thiophene, 2,5-bis(1,1,3,3-tetra...	308	C20H36S	054964-79-3	50
4	1-Methyl-3-phenyl-3,4-dihydro-1H...	237	C16H15NO	028899-87-8	47
5	1H-Indole-2,3-dione, 3-(phenylhy...	237	C14H11N3O	017310-26-8	46





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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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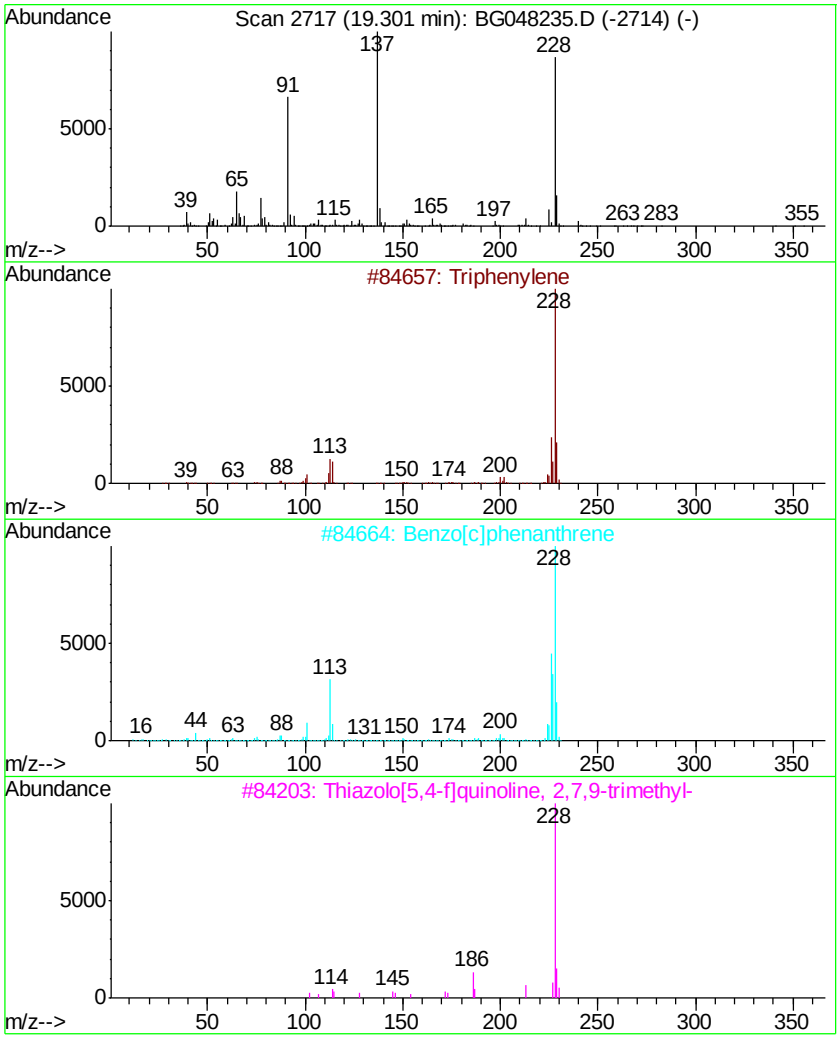
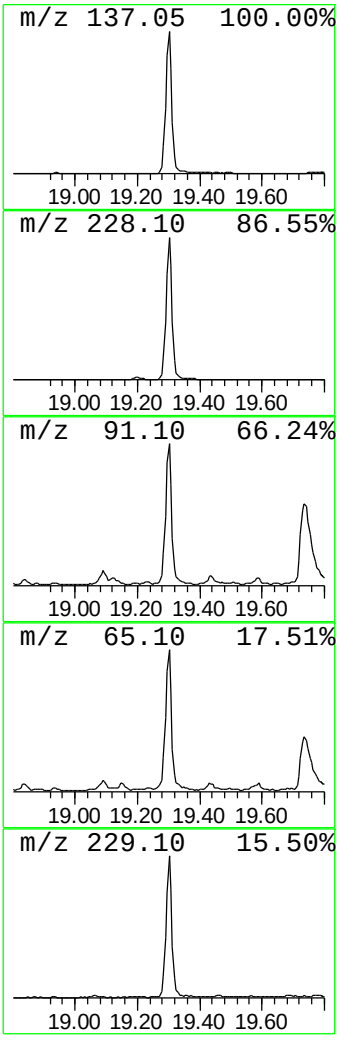
Peak Number 30 unknown-10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	63.68 ng/ul	2766500	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene	228	C18H12	000217-59-4	38
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	35
3	Thiazolo[5,4-f]quinoline, 2,7,9-...	228	C13H12N2S	038463-47-7	35
4	3-(2-Methoxyphenyl)benzoic acid	228	C14H12O3	1000305-27-4	35
5	Thiazolo[4,5-f]quinoline, 2,7,9-...	228	C13H12N2S	038463-39-7	35





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

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Quant Title : SVOA CALIBRATION

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

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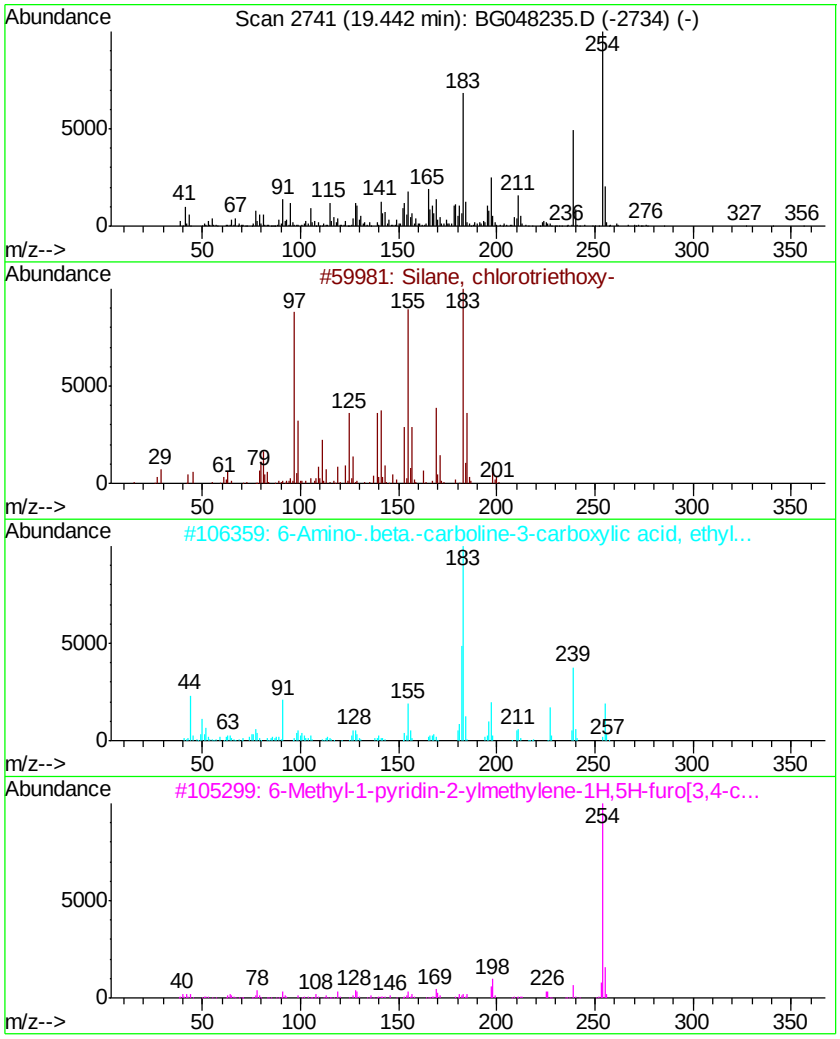
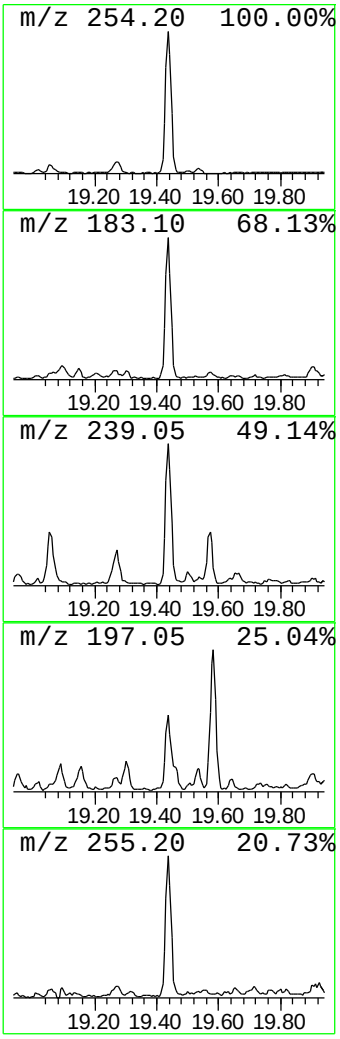
Peak Number 31 Silane, chlorotriethoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	33.24 ng/ul	1443880	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorotriethoxy-	198	C6H15ClO3Si	004667-99-6	64
2	6-Amino-.beta.-carboline-3-carbo...	255	C14H13N3O2	078539-57-8	49
3	6-Methyl-1-pyridin-2-ylmethylene...	254	C14H10N2O3	1000274-64-8	46
4	1-Propene, 1,2-bis(4-methoxyphen...	254	C17H18O2	020802-02-2	45
5	1,2,4-Oxadiazole-5-carboxamide, ...	254	C13H10N4O2	1000318-93-4	38





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

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Quant Title : SVOA CALIBRATION

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

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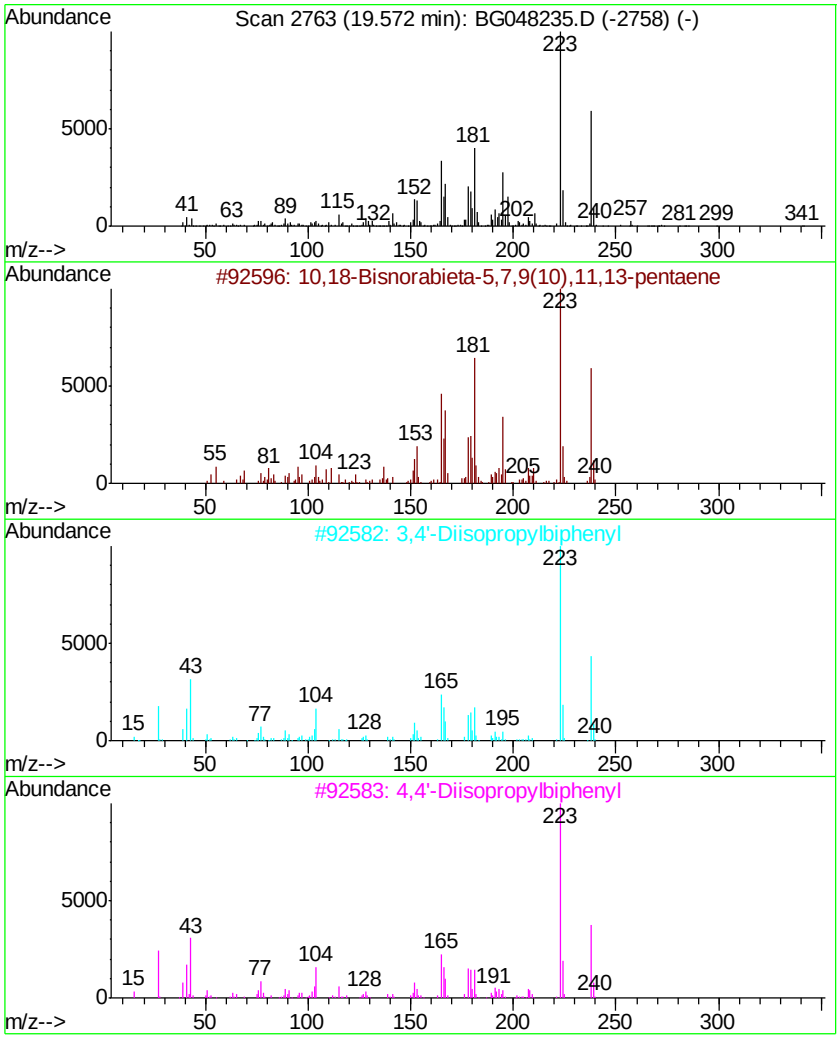
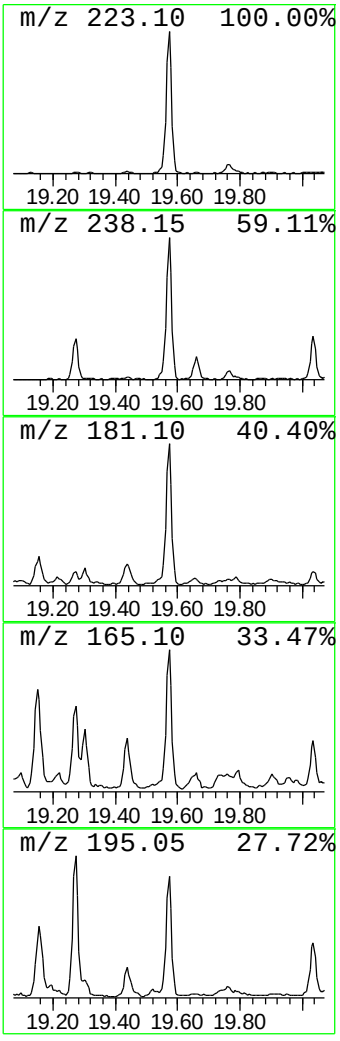
Peak Number 32 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	42.17 ng/ul	1831930	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	62
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
4	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	50
5	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	49





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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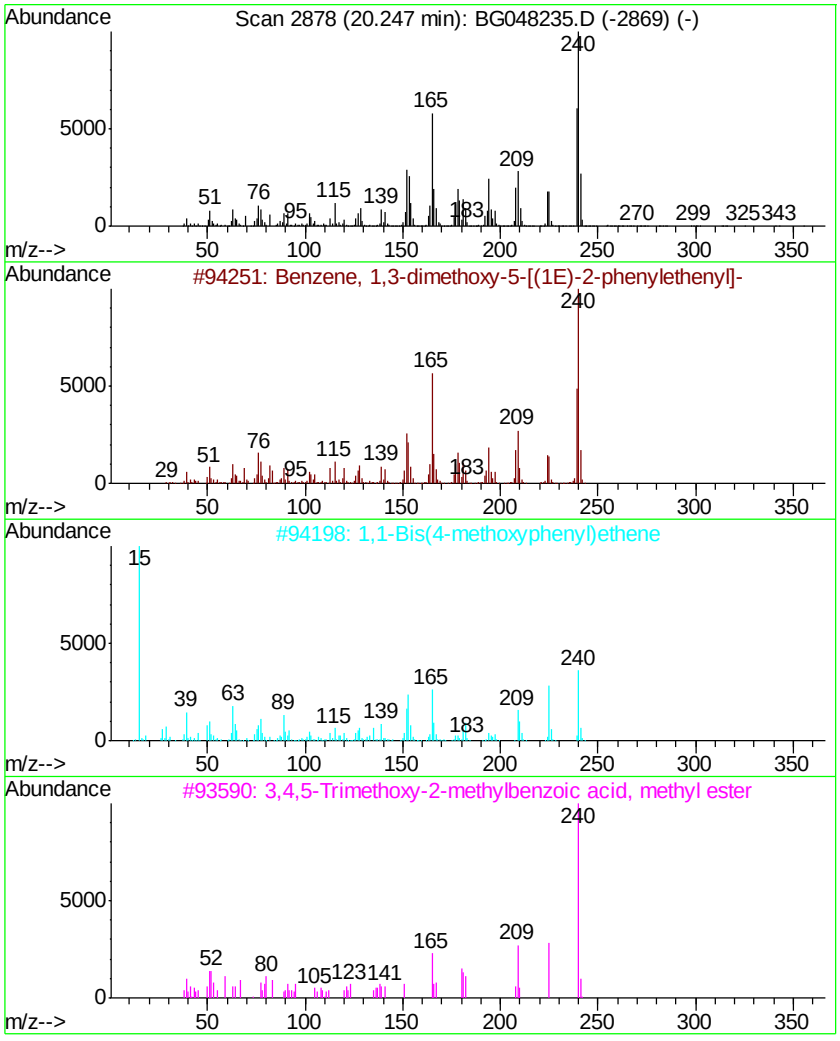
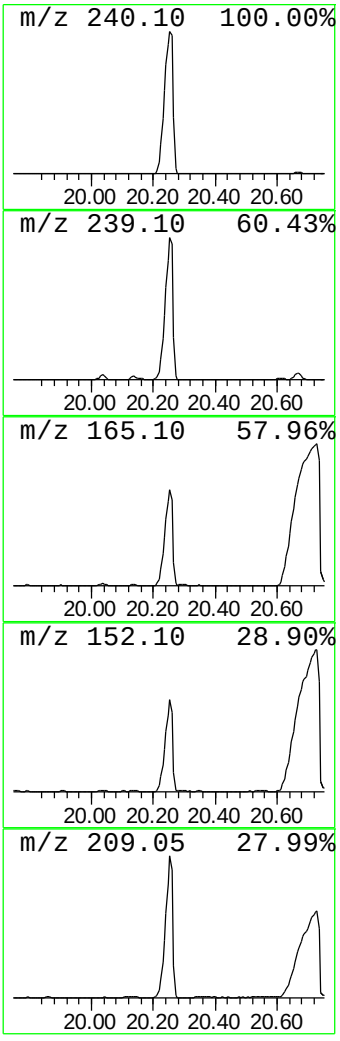
Peak Number 33 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	12.90 ng/ul	29245800	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	99
2	1,1-Bis(4-methoxyphenyl)ethene	240	C16H16O2	004356-69-8	49
3	3,4,5-Trimethoxy-2-methylbenzoic...	240	C12H16O5	247180-24-1	41
4	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	38
5	Benzenamine, N-[(4-methylphenyl)...	240	C14H12N2O2	020192-50-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048235.D
Acq On : 20 Feb 2021 13:43
Operator : CG/JU
Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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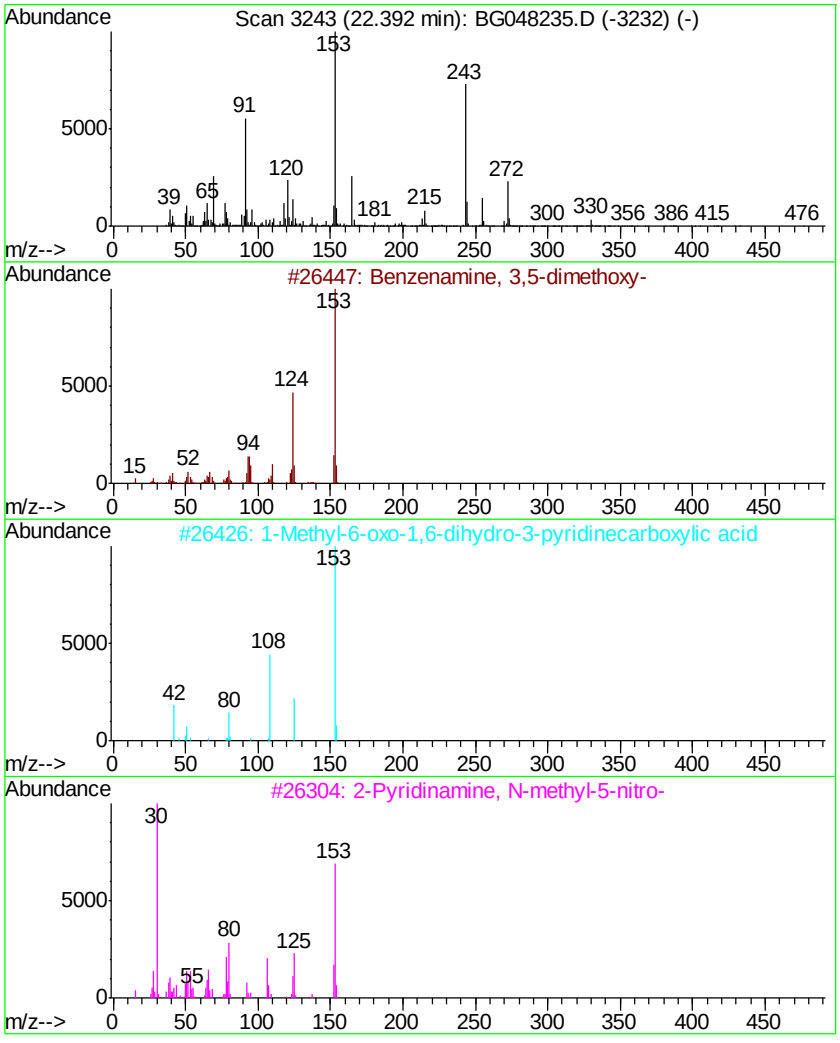
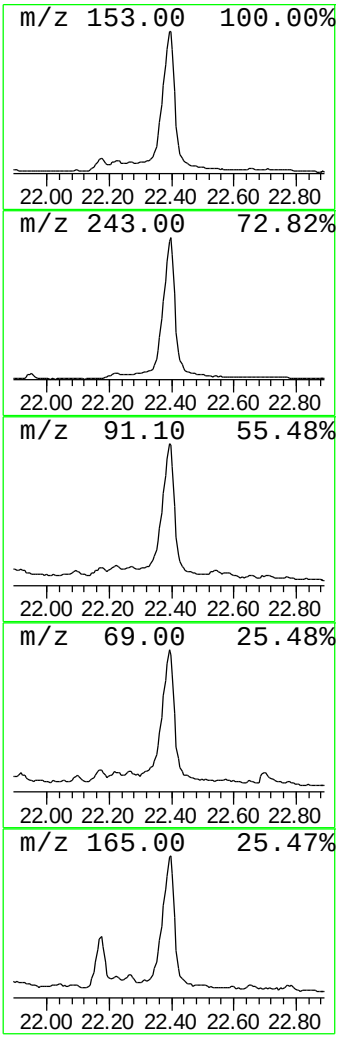
Peak Number 37 unknown-11 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	8.43 ng/ul	19114100	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3,5-dimethoxy-	153	C8H11NO2	010272-07-8	35
2	1-Methyl-6-oxo-1,6-dihydro-3-pyr...	153	C7H7NO3	003719-45-7	27
3	2-Pyridinamine, N-methyl-5-nitro-	153	C6H7N3O2	004093-89-4	27
4	2,4,5-Trihydroxyphenyl-p-chlorob...	278	C14H11ClO4	015485-68-4	27
5	2-Fluorobenzothiazole	153	C7H4FNS	001123-98-4	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048235.D
Acq On : 20 Feb 2021 13:43
Operator : CG/JU
Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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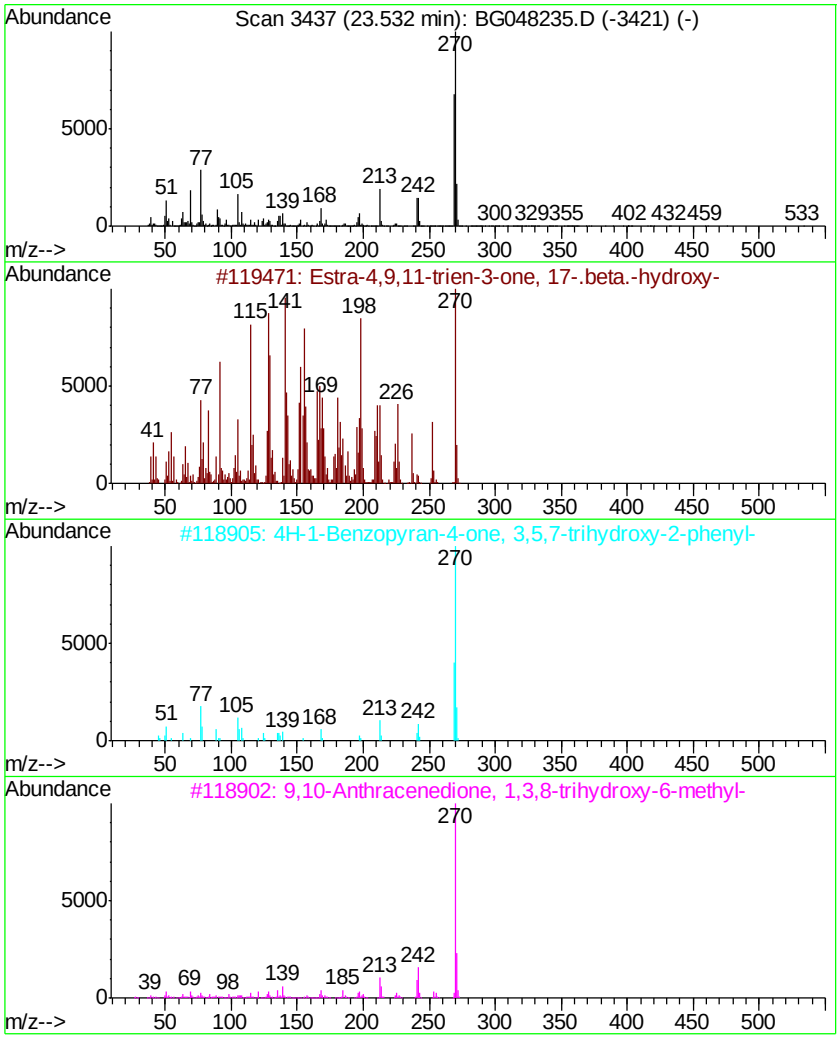
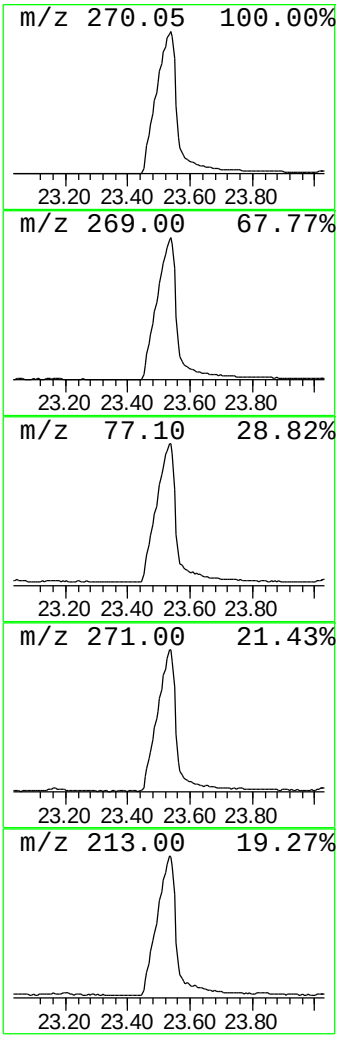
Peak Number 38 Estra-4,9,11-trien-3-one, 1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.53	143.47 ng/ul	27103800	Perylene-d12	25.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Estra-4,9,11-trien-3-one, 17-.be...	270	C18H22O2	010161-33-8	95
2	4H-1-Benzopyran-4-one, 3,5,7-tri...	270	C15H10O5	000548-83-4	87
3	9,10-Anthracenedione, 1,3,8-trih...	270	C15H10O5	000518-82-1	60
4	9-Benzylidenexanthene	270	C20H14O	027980-52-5	58
5	Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048235.D
Acq On : 20 Feb 2021 13:43
Operator : CG/JU
Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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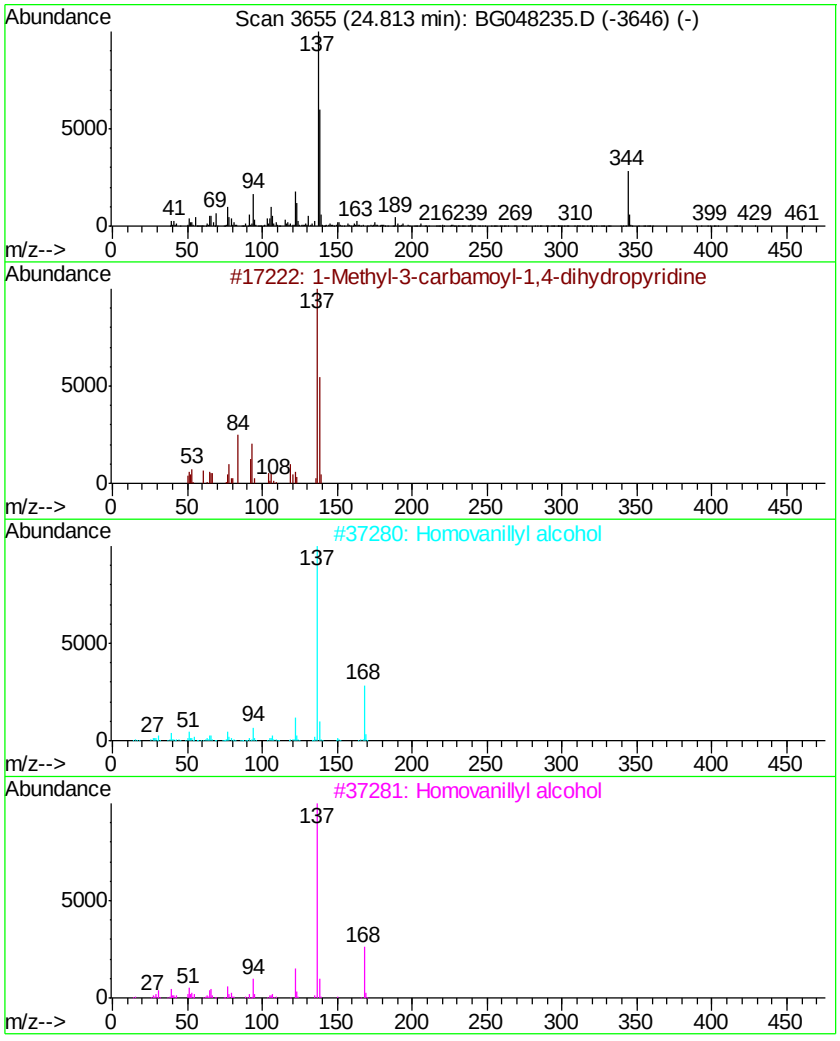
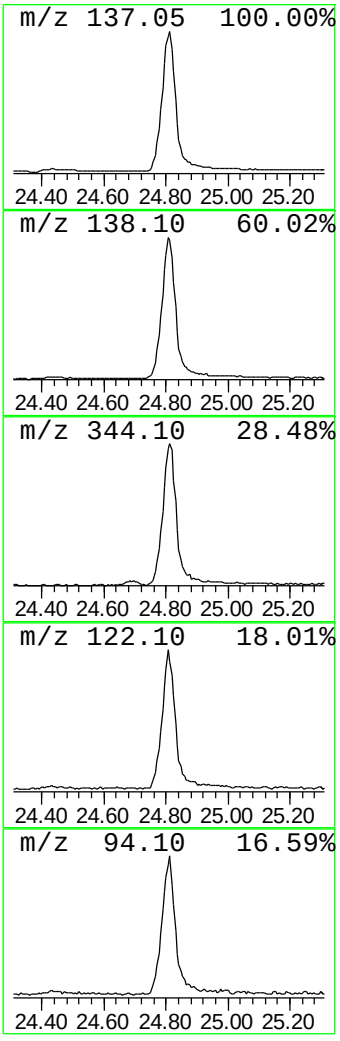
Peak Number 39 1-Methyl-3-carbamoyl-1,4-di... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	20.00 ng/ul	3778340	Perylene-d12	25.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-3-carbamoyl-1,4-dihydro...	138	C7H10N2O	017750-23-1	50
2	Homovanillyl alcohol	168	C9H12O3	002380-78-1	47
3	Homovanillyl alcohol	168	C9H12O3	002380-78-1	47
4	2-Cyclohexen-1-one, 2-methyl-5-(...	179	C11H17NO	057397-12-3	43
5	Homovanillic acid	182	C9H10O4	000306-08-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021921\
Data File : BG048235.D
Acq On : 20 Feb 2021 13:43
Operator : CG/JU
Sample : M1379-17 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.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
p-Cymene	8.24	12.5	ng/ul	292015	1	8.11	468574	20.0
D-Limonene	8.32	33.0	ng/ul	771970	1	8.11	468574	20.0
Eucalyptol	8.41	12.0	ng/ul	280685	1	8.11	468574	20.0
Cyclohexene, 1-me...	9.22	10.6	ng/ul	248202	1	8.11	468574	20.0
Fenchol, exo-	9.83	9.6	ng/ul	248548	2	10.92	515989	20.0
Cyclohexanol, 1-m...	10.25	27.6	ng/ul	712187	2	10.92	515989	20.0
endo-Borneol	10.69	39.7	ng/ul	1024390	2	10.92	515989	20.0
unknown-01	10.98	78.0	ng/ul	2012100	2	10.92	515989	20.0
Bicyclo[2.2.1]hep...	11.04	11.6	ng/ul	299867	2	10.92	515989	20.0
Cyclohexanemethan...	12.65	95.5	ng/ul	2464460	2	10.92	515989	20.0
unknown-02	12.91	16.2	ng/ul	751971	3	14.74	928212	20.0
unknown-03	14.83	3.5	ng/ul	163591	3	14.74	928212	20.0
unknown-04	15.15	4.8	ng/ul	222046	3	14.74	928212	20.0
unknown-05	15.42	6.8	ng/ul	315850	3	14.74	928212	20.0
Homovanillic acid	16.09	11.8	ng/ul	548613	3	14.74	928212	20.0
Phenol, 3-(2-phen...	17.66	37.9	ng/ul	1647520	4	17.47	868811	20.0
unknown-06	18.27	5.6	ng/ul	242281	4	17.47	868811	20.0
unknown-07	18.49	6.1	ng/ul	265843	4	17.47	868811	20.0
1-Methyl-1-n-decy...	18.56	9.4	ng/ul	409727	4	17.47	868811	20.0
unknown-08	18.75	16.7	ng/ul	726692	4	17.47	868811	20.0
Ethanone, 1-(1,2,...	19.09	40.7	ng/ul	1768550	4	17.47	868811	20.0
unknown-09	19.15	21.3	ng/ul	924099	4	17.47	868811	20.0
9-Acetamido-1,8-d...	19.27	24.4	ng/ul	1058580	4	17.47	868811	20.0
unknown-10	19.30	63.7	ng/ul	2766500	4	17.47	868811	20.0
Silane, chlorotri...	19.44	33.2	ng/ul	1443880	4	17.47	868811	20.0
10,18-Bisnorabiet...	19.57	42.2	ng/ul	1831930	4	17.47	868811	20.0
Benzene, 1,3-dime...	20.25	12.9	ng/ul	29245800	5	21.77	45348700	20.0
unknown-11	22.39	8.4	ng/ul	19114100	5	21.77	45348700	20.0
Estra-4,9,11-trie...	23.53	143.5	ng/ul	27103800	6	25.10	3778340	20.0
1-Methyl-3-carbam...	24.81	20.0	ng/ul	3778340	6	25.10	3778340	20.0