LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048200.D
Acq On : 18 Feb 2021 18:05
Operator : CG/JU
Sample : M1429-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR5

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	5.576	374	381	390	rVB3	23938	40757	0.22%	0.113%
2	6.587	545	553	559	rBV2	20720	35009	0.19%	0.097%
3	7.298	667	674	684	rBV4	76180	207412	1.12%	0.577%
4	7.439	690	698	705	rBV	148452	252101	1.36%	0.702%
5	7.650	728	734	740	rBV	201735	350859	1.89%	0.977%
6	7.709	740	744	749	rVB	24663	37386	0.20%	0.104%
7	8.115	806	813	821	rVB	200714	339207	1.83%	0.944%
8	8.485	871	876	882	rBV4	11769	19936	0.11%	0.055%
9	8.837	926	936	944	rBV3	172317	353016	1.90%	0.983%
10	9.284	1005	1012	1023	rBV	216322	396299	2.13%	1.103%
11	9.395	1023	1031	1036	rBV8	15248	37067	0.20%	0.103%
12	9.454	1036	1041	1051	rVB10	10944	36224	0.19%	0.101%
13	9.548	1051	1057	1062	rBV3	23662	41404	0.22%	0.115%
14	9.636	1062	1072	1085	rBV2	372018	736786	3.96%	2.051%
15	9.754	1087	1092	1101	rVB3	27524	49397	0.27%	0.138%
16	9.865	1101	1111	1115	rBV3	142018	292305	1.57%	0.814%
17	9.907	1115	1118	1123	rVB	83750	117239	0.63%	0.326%
18	10.006	1128	1135	1145	rVB	215311	407512	2.19%	1.134%
19	10.106	1147	1152	1158	rBV7	13491	35864	0.19%	0.100%
20	10.218	1163	1171	1176	rVV3	98006	191533	1.03%	0.533%
21	10.271	1176	1180	1187	rVB4	27072	41851	0.23%	0.117%
22	10.400	1198	1202	1206	rBV3	21654	35630	0.19%	0.099%
23	10.453	1206	1211	1221	rVB2	68209	152164	0.82%	0.424%
24	10.559	1221	1229	1243	rBV	314257	607514	3.27%	1.691%
25	10.929	1285	1292	1298	rBV	257809	462289	2.49%	1.287%
26	11.046	1306	1312	1316	rBV3	50801	98260	0.53%	0.274%
27	11.088	1316	1319	1326	rVB3	65236	113814	0.61%	0.317%
28	12.216	1506	1511	1519	rBV7	9330	24219	0.13%	0.067%
29	12.486	1550	1557	1562	rBV7	11972	28105	0.15%	0.078%
30	12.633	1577	1582	1593	rBV2	23249	44711	0.24%	0.124%
31	12.791	1606	1609	1617	rVB9	12115	20681	0.11%	0.058%
32	12.927	1624	1632	1638	rBV	123665	204626	1.10%	0.570%
33	13.015	1644	1647	1653	rVB7	13827	23389	0.13%	0.065%
34	13.614	1744	1749	1756	rVB8	19016	44958	0.24%	0.125%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048200.D
Acq On : 18 Feb 2021 18:05
Operator : CG/JU
Sample : M1429-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR5

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

35	13.814	1772	1783	1788	rBV	10129141	18586115	100.00%	51.740%
36	14.143	1829	1839	1844	rBV	526120	779186	4.19%	2.169%
37	14.190	1844	1847	1852	rVB2	15673	23845	0.13%	0.066%
38	14.301	1861	1866	1871	rBV8	15477	24568	0.13%	0.068%
39	14.437	1882	1889	1902	rBV	565558	913402	4.91%	2.543%
40	14.736	1930	1940	1948	rBV2	431630	701321	3.77%	1.952%
41	14.801	1948	1951	1958	rVV	35611	55510	0.30%	0.155%
42	14.871	1960	1963	1970	rVB9	10167	20611	0.11%	0.057%
43	14.977	1975	1981	1991	rBV3	60301	133109	0.72%	0.371%
44	15.283	2027	2033	2040	rBV3	76485	165609	0.89%	0.461%
45	15.359	2041	2046	2050	rVB7	24172	40430	0.22%	0.113%
46	15.529	2070	2075	2077	rBV6	13341	22360	0.12%	0.062%
47	15.729	2103	2109	2115	rBV	744136	1068101	5.75%	2.973%
48	15.853	2124	2130	2135	rBV	279037	425079	2.29%	1.183%
49	15.894	2135	2137	2142	rVV6	28292	42779	0.23%	0.119%
50	15.941	2142	2145	2152	rVB7	31029	55760	0.30%	0.155%
51	16.093	2167	2171	2180	rVB9	26290	53720	0.29%	0.150%
52	16.705	2272	2275	2282	rVB8	14284	25902	0.14%	0.072%
53	16.840	2291	2298	2302	rBV	177283	289172	1.56%	0.805%
54	16.887	2302	2306	2316	rVB3	116542	181482	0.98%	0.505%
55	17.486	2402	2408	2415	rBV	523772	801263	4.31%	2.231%
56	17.580	2419	2424	2432	rVB	733776	1141831	6.14%	3.179%
57	18.367	2554	2558	2562	rBV3	70078	94640	0.51%	0.263%
58	19.866	2807	2813	2818	rBV	909294	1356316	7.30%	3.776%
59	21.763	3131	3136	3141	rVB2	545114	855383	4.60%	2.381%
60	24.824	3650	3657	3668	rVB	447229	1250739	6.73%	3.482%
61	25.054	3688	3696	3708	rVB2	318446	934662	5.03%	2.602%

Sum of corrected areas: 35922419

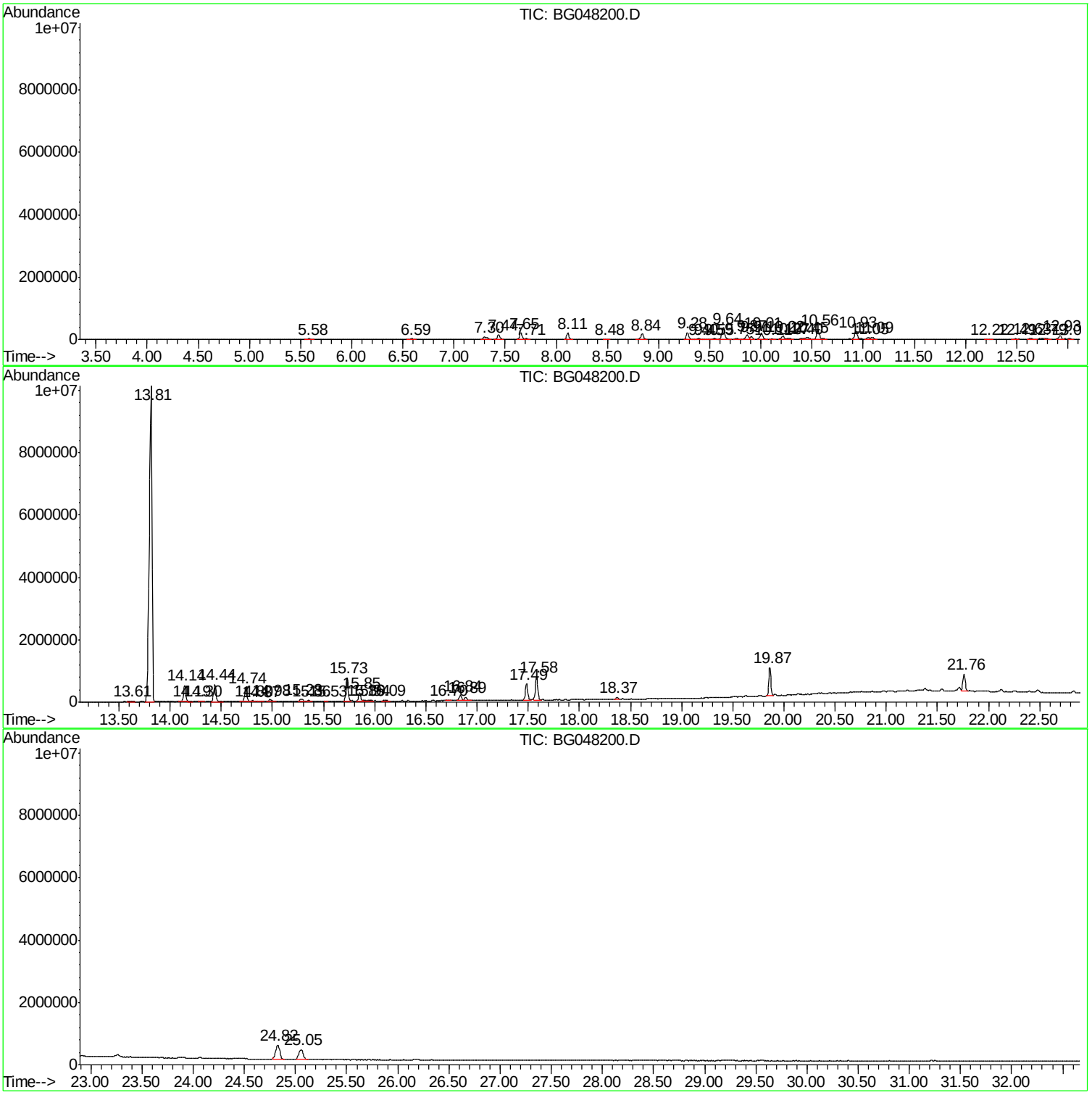
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048200.D
Acq On : 18 Feb 2021 18:05
Operator : CG/JU
Sample : M1429-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR5

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\BG021821\
Data File : BG048200.D
Acq On : 18 Feb 2021 18:05
Operator : CG/JU
Sample : M1429-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR5

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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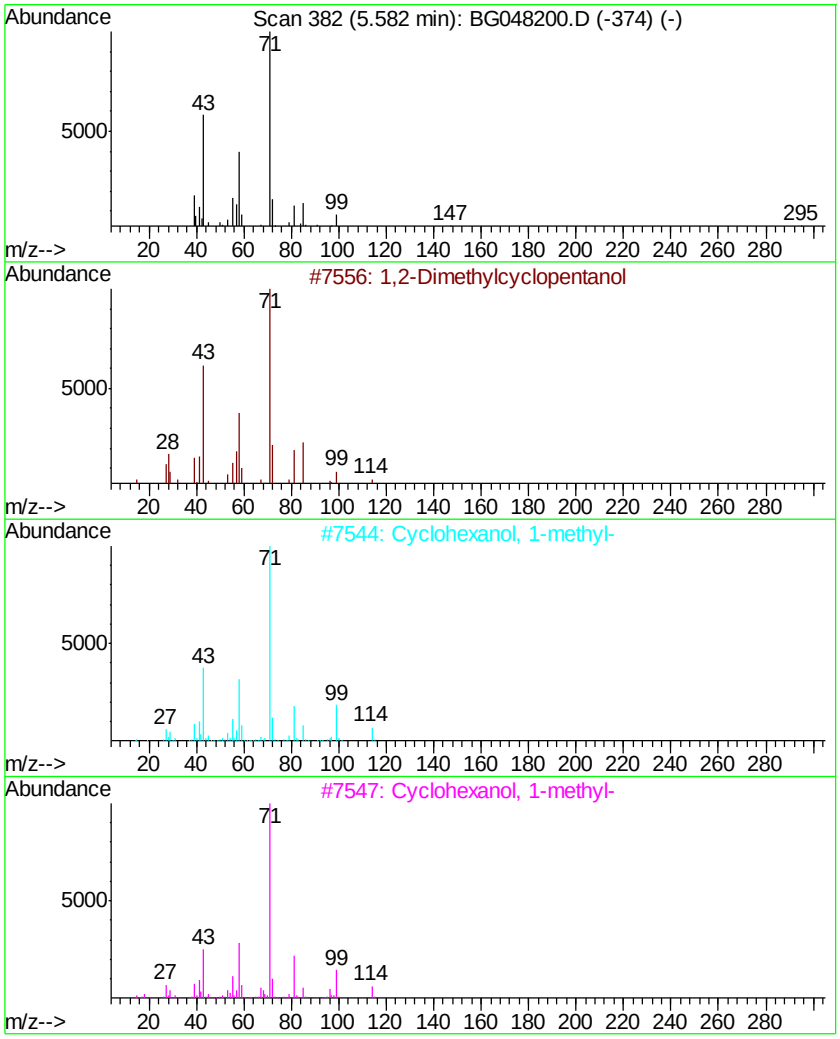
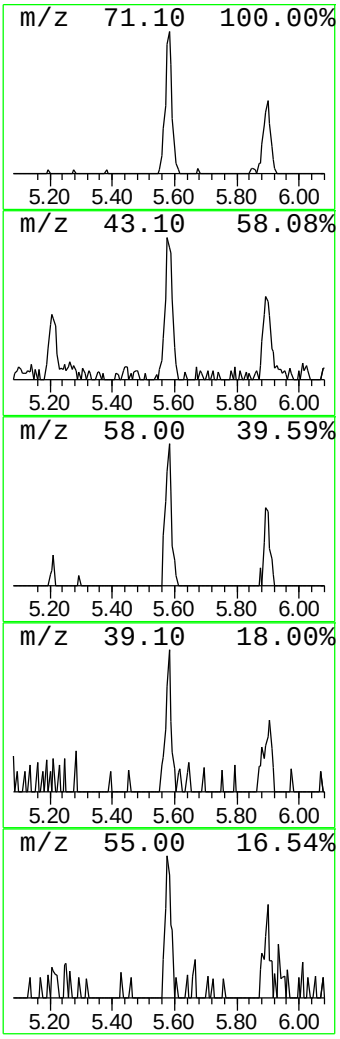
Peak Number 1 1,2-Dimethylcyclopentanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	2.40 ng/ul	40757	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethylcyclopentanol	114	C7H14O	019550-45-9	87
2	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	53
3	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	50
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	47
5	3-Penten-2-ol	86	C5H10O	001569-50-2	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048200.D
Acq On : 18 Feb 2021 18:05
Operator : CG/JU
Sample : M1429-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR5

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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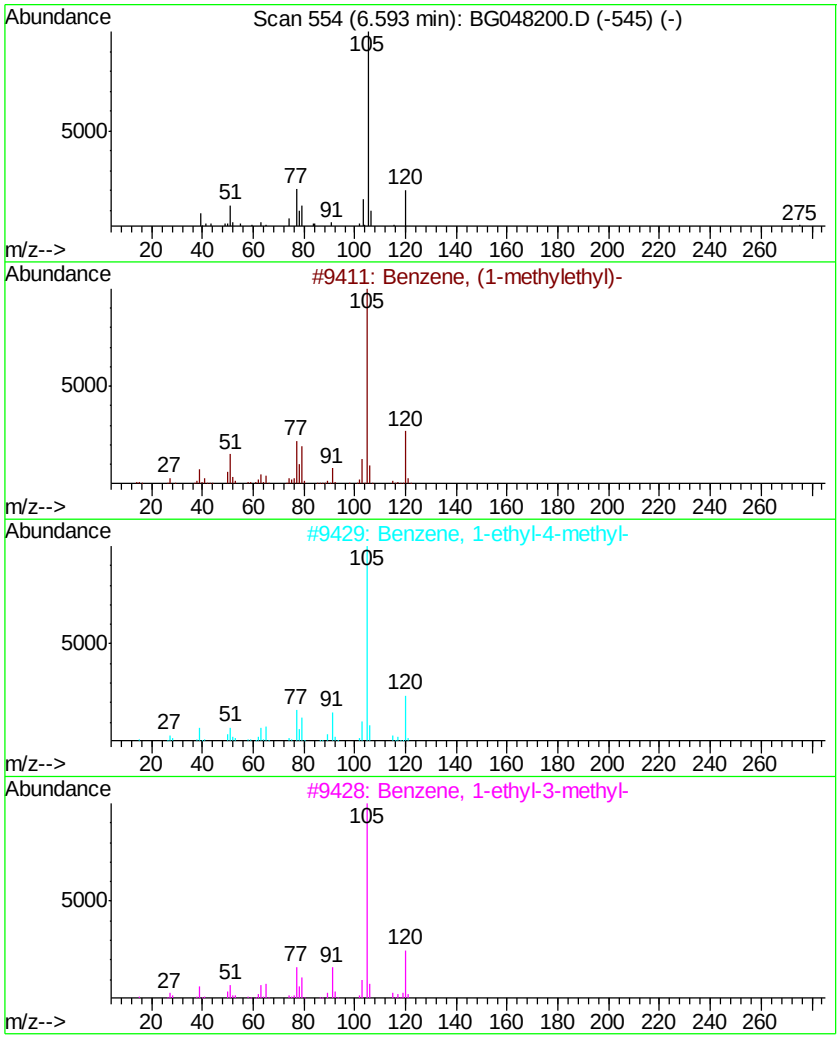
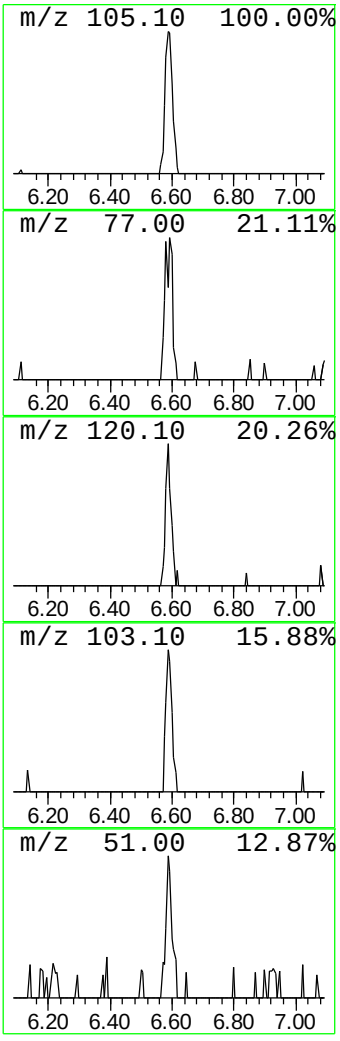
Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	2.06 ng/ul	35009	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048200.D
Acq On : 18 Feb 2021 18:05
Operator : CG/JU
Sample : M1429-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR5

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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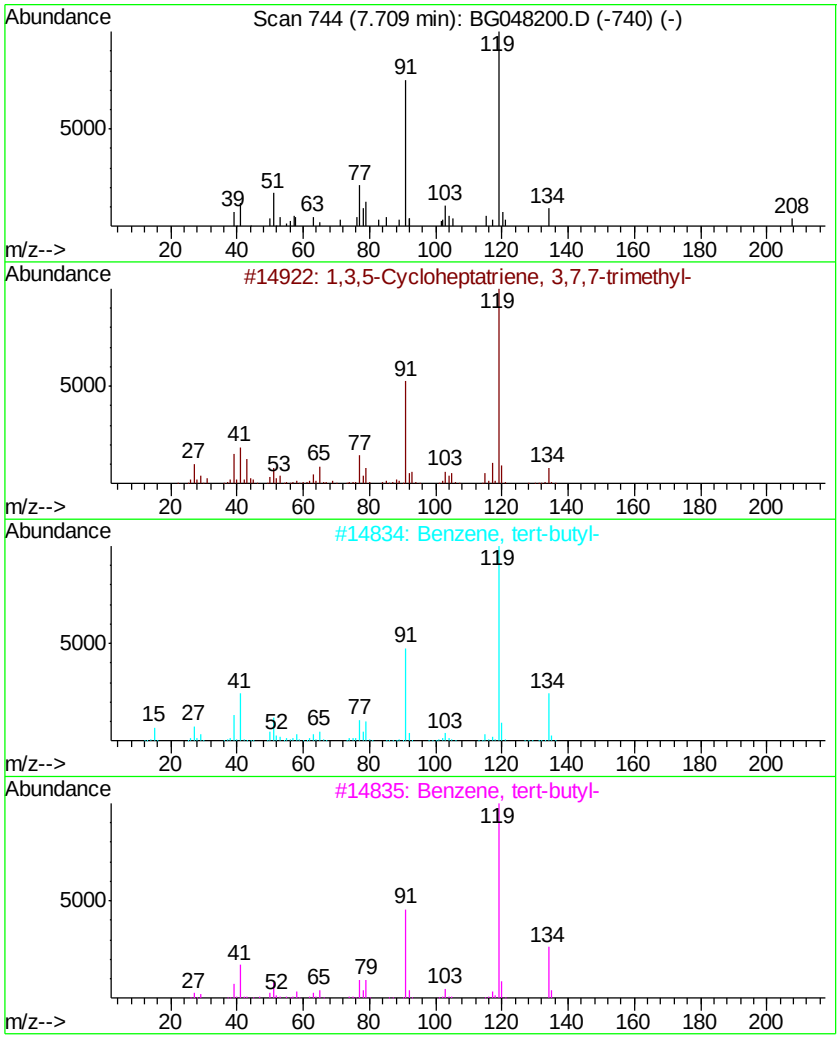
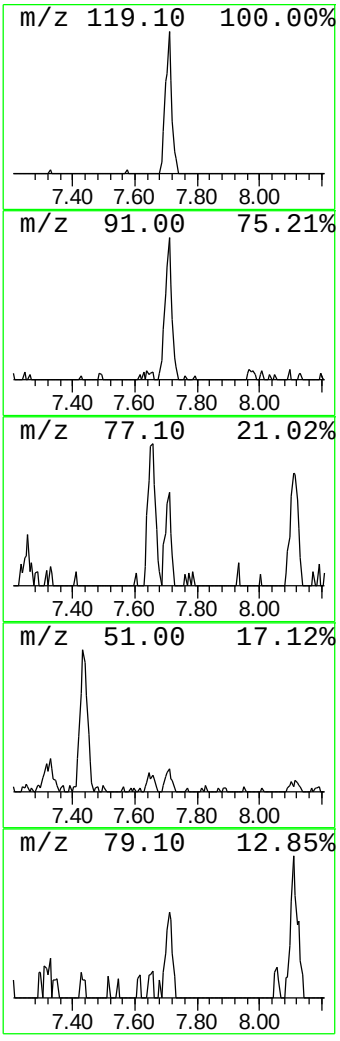
Peak Number 3 1,3,5-Cycloheptatriene, 3,7... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	2.20 ng/ul	37386	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	86
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	78
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	72
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048200.D
Acq On : 18 Feb 2021 18:05
Operator : CG/JU
Sample : M1429-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR5

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

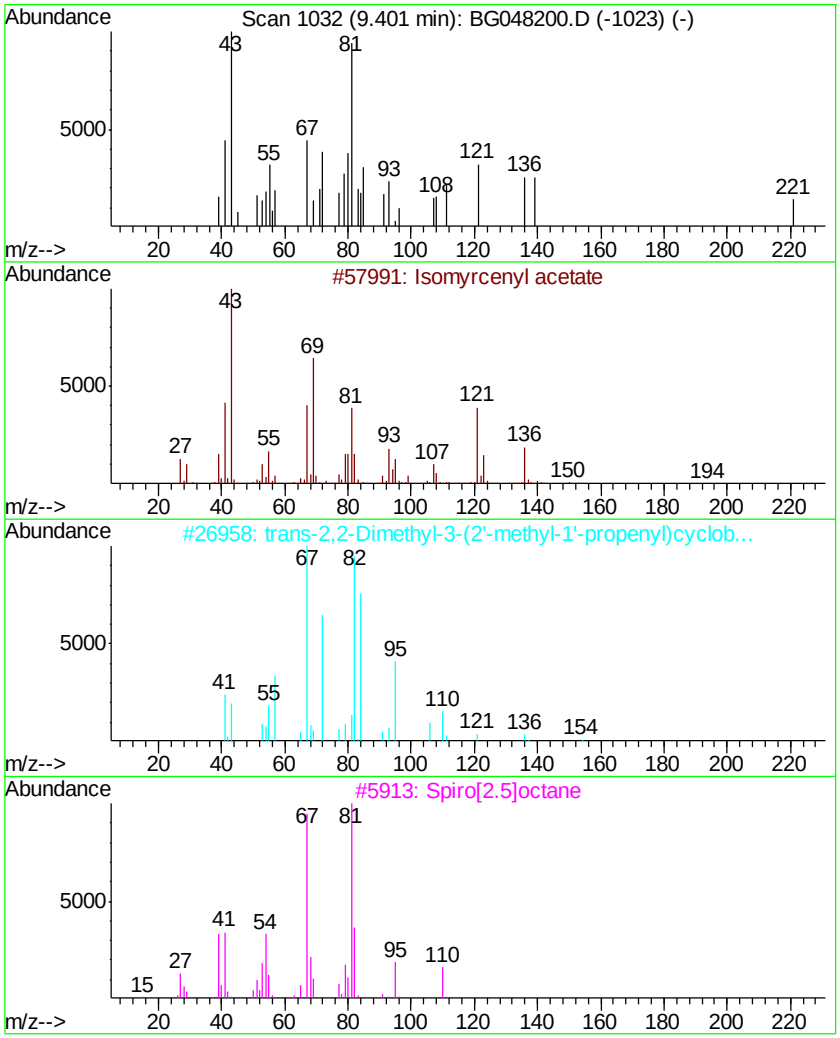
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

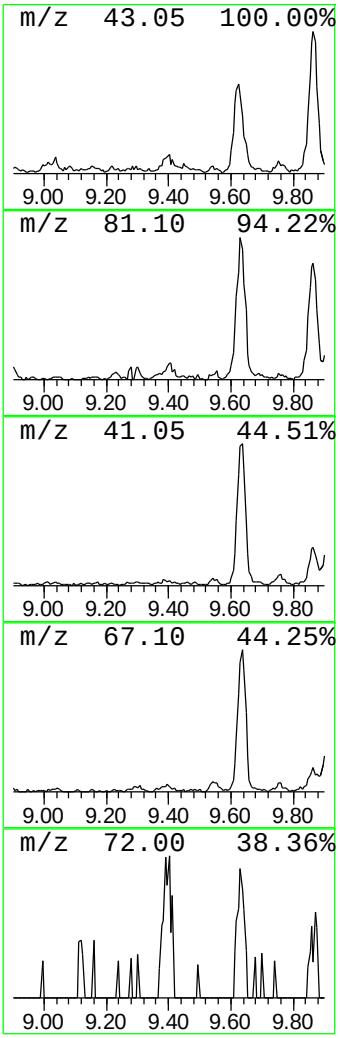
****

Peak Number 4 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	2.19 ng/ul	37067	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isomyrcenyl acetate	196	C12H20O2	029843-60-5	47
2	trans-2,2-Dimethyl-3-(2'-methyl-...	154	C10H18O	038086-95-2	38
3	Spiro[2.5]octane	110	C8H14	000185-65-9	35
4	1-Decyne	138	C10H18	000764-93-2	23
5	Propane, 1,2-dichloro-2-fluoro-	130	C3H5Cl2F	000420-97-3	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048200.D
Acq On : 18 Feb 2021 18:05
Operator : CG/JU
Sample : M1429-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR5

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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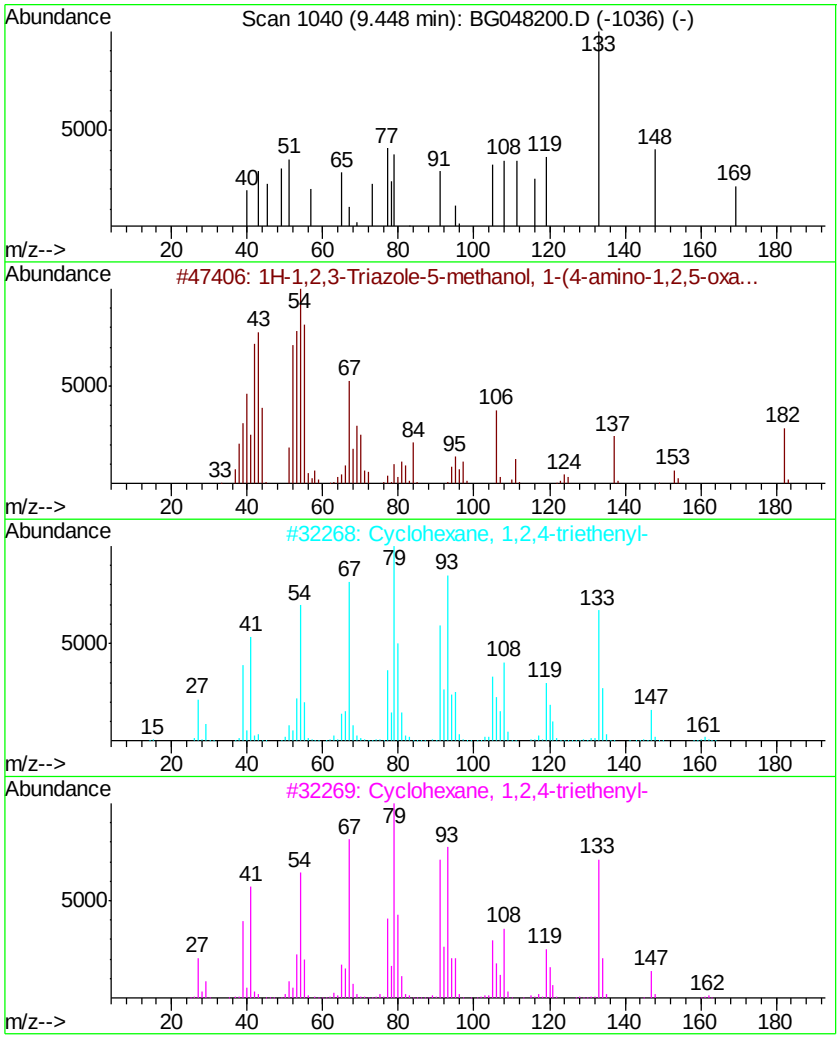
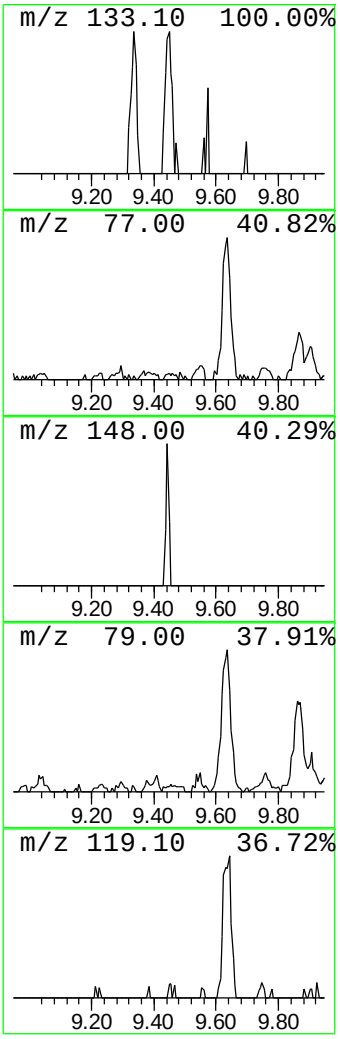
Peak Number 5 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	2.14 ng/ul	36224	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,3-Triazole-5-methanol, 1-...	182	C5H6N6O2	1000338-35-8	16
2	Cyclohexane, 1,2,4-triethenyl-	162	C12H18	002855-27-8	12
3	Cyclohexane, 1,2,4-triethenyl-	162	C12H18	002855-27-8	12
4	1,4-Bis[methyl(trimethylene)silv...	258	C12H26O2Si2	1000217-00-3	12
5	5,9-Tetradecadiyne	190	C14H22	051255-61-9	12





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Data File : BG048200.D
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Sample : M1429-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR5

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

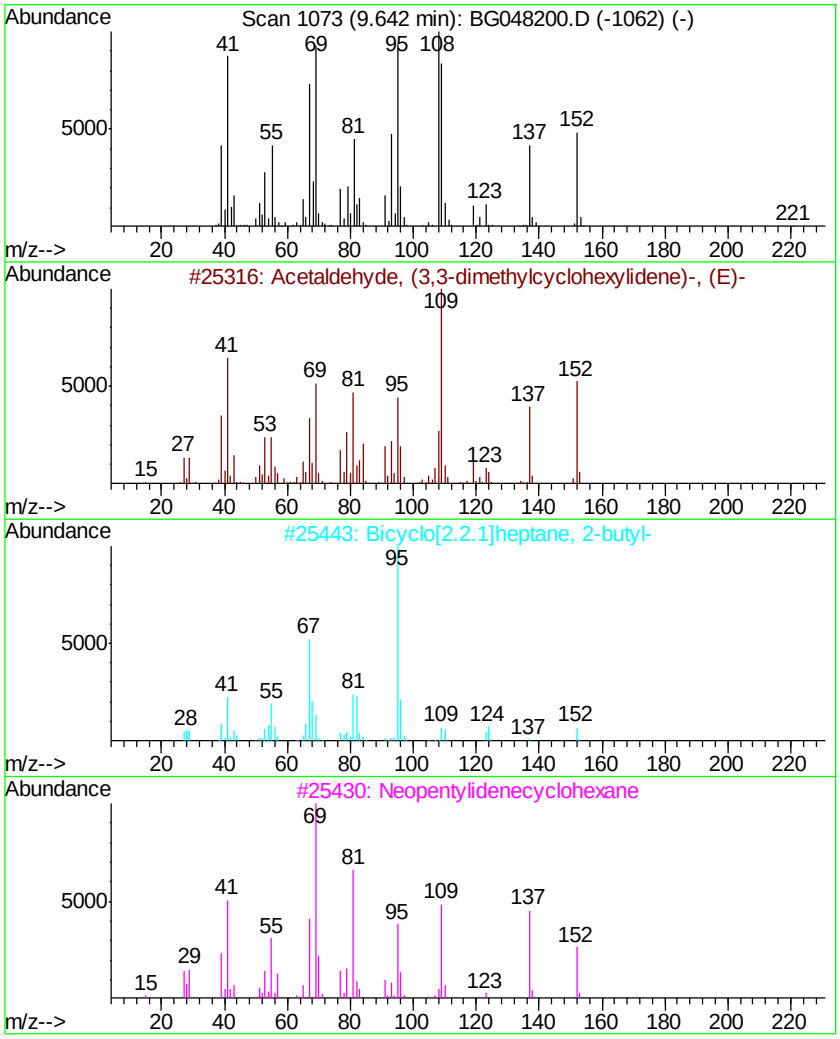
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

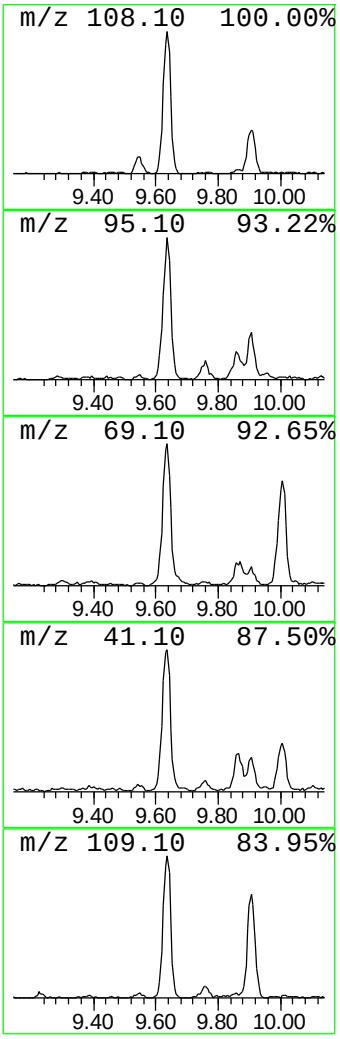
****

Peak Number 6 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	31.88 ng/ul	736786	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	41
2	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	38
3	Neopentylidenecyclohexane	152	C11H20	039546-80-0	35
4	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	27
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048200.D
Acq On : 18 Feb 2021 18:05
Operator : CG/JU
Sample : M1429-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR5

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

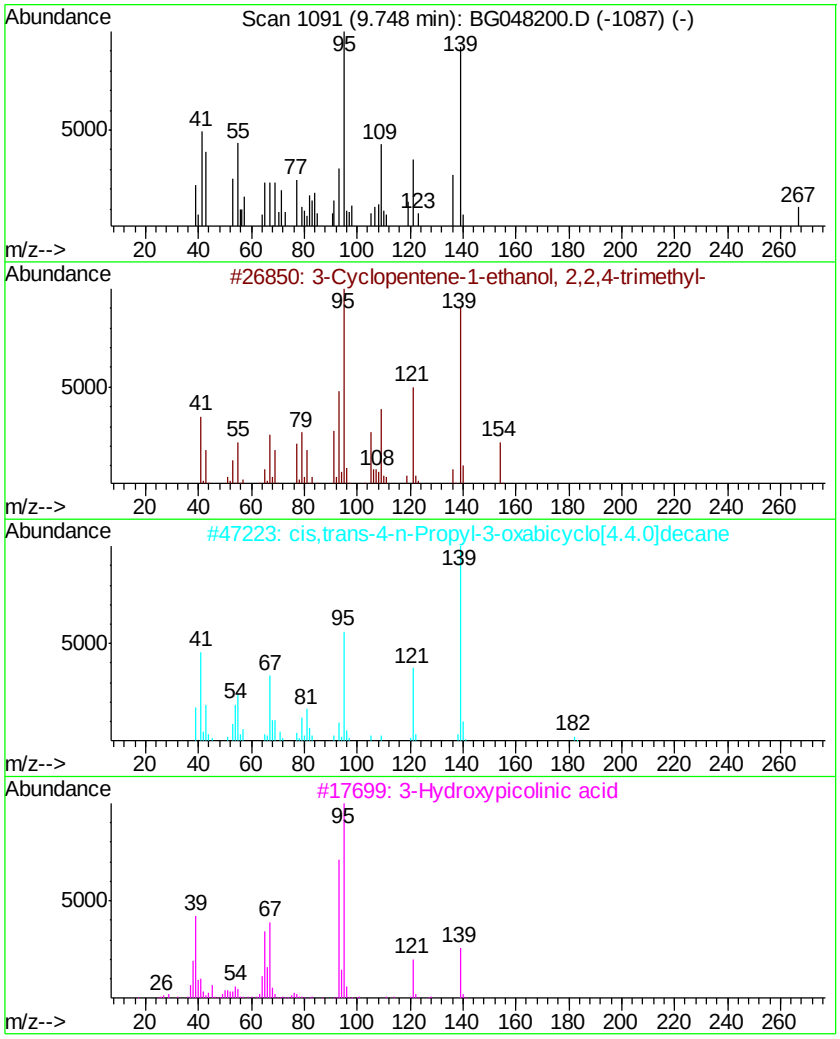
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

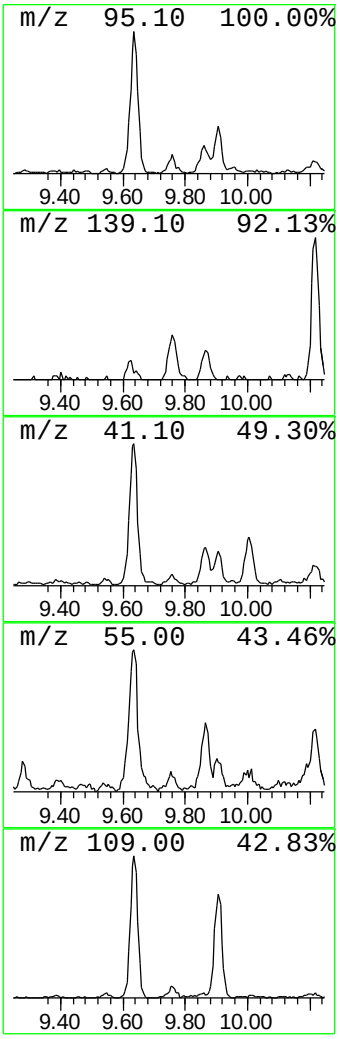
****

Peak Number 7 3-Cyclopentene-1-ethanol, 2... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	2.14 ng/ul	49397	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclopentene-1-ethanol, 2,2,4-...	154	C10H18O	080514-13-2	59
2	cis,trans-4-n-Propyl-3-oxabicycl...	182	C12H22O	1000216-88-4	50
3	3-Hydroxypicolinic acid	139	C6H5NO3	000874-24-8	47
4	4(axial)-n-Propyl-trans-3-oxabic...	182	C12H22O	1000215-94-6	43
5	4-Ethyl-trans-3-oxabicyclo[4,4,0...	168	C11H20O	1000215-94-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048200.D
Acq On : 18 Feb 2021 18:05
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Sample : M1429-05
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Instrument : BNA_G
ClientSampleId : DBGR5

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Quant Title : SVOA CALIBRATION

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

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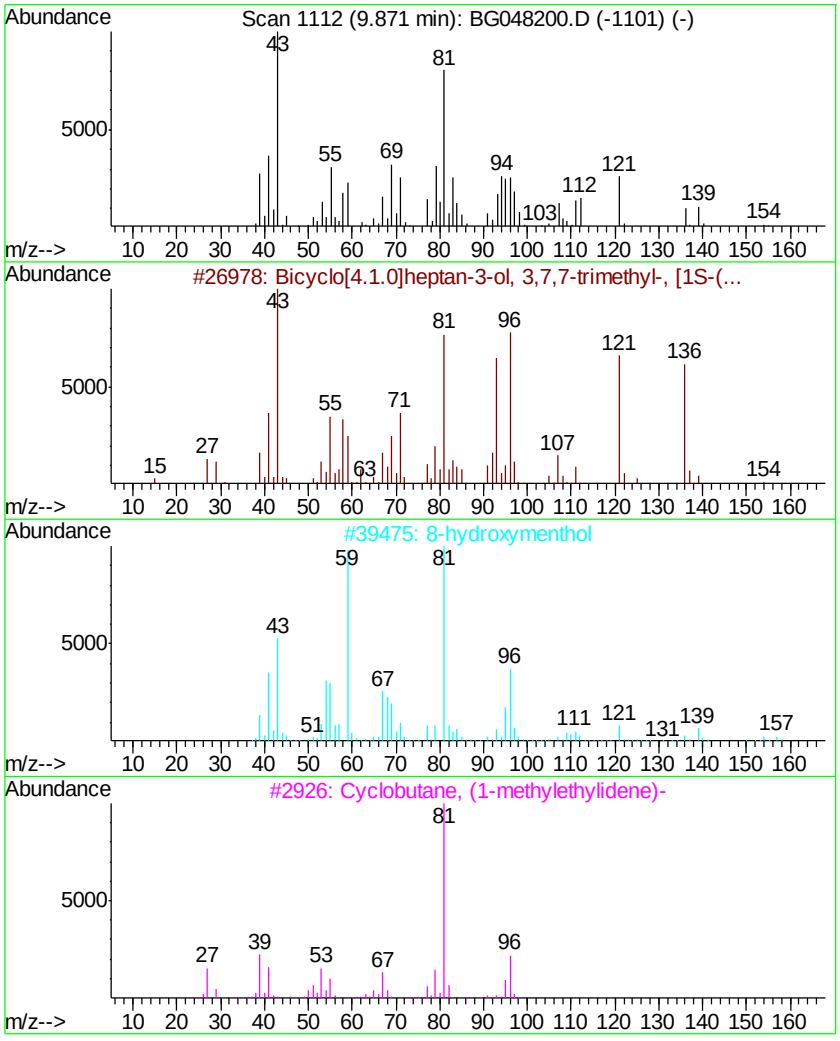
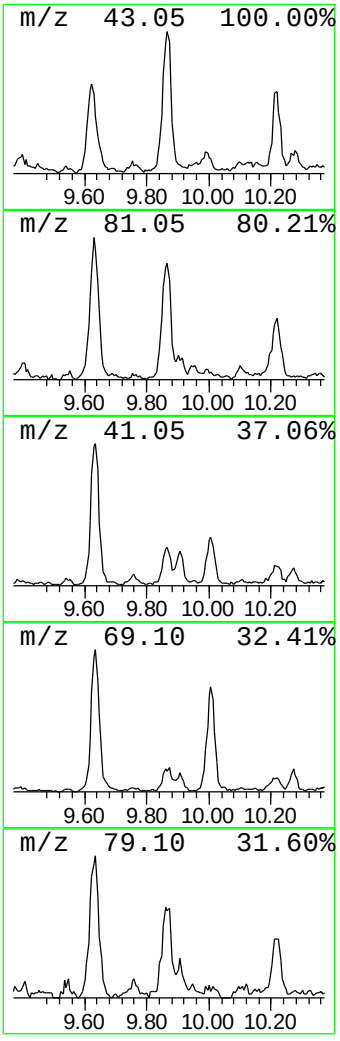
Peak Number 8 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	12.65 ng/ul	292305	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptan-3-ol, 3,7,7...	154	C10H18O	004017-92-9	46
2	8-hydroxymenthol	172	C10H20O2	1000374-16-2	38
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	38
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	38
5	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	38





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Acq On : 18 Feb 2021 18:05
Operator : CG/JU
Sample : M1429-05
Misc :
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Instrument : BNA_G
ClientSampleId : DBGR5

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Quant Title : SVOA CALIBRATION

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

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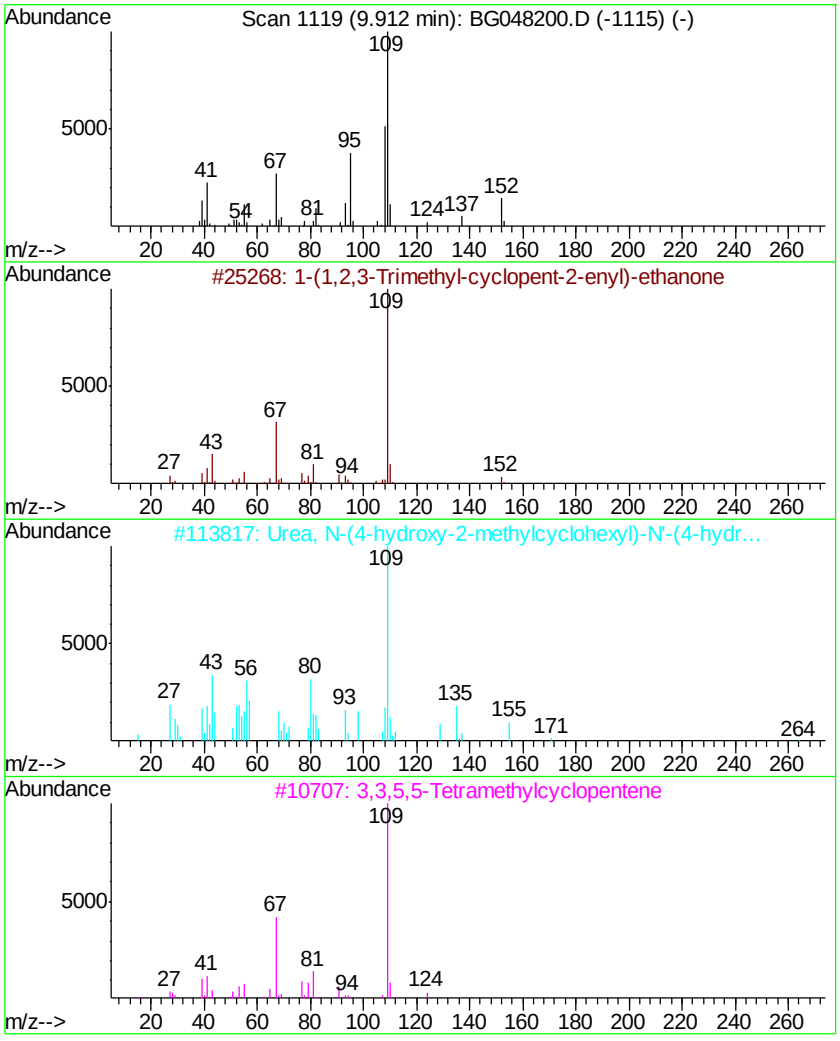
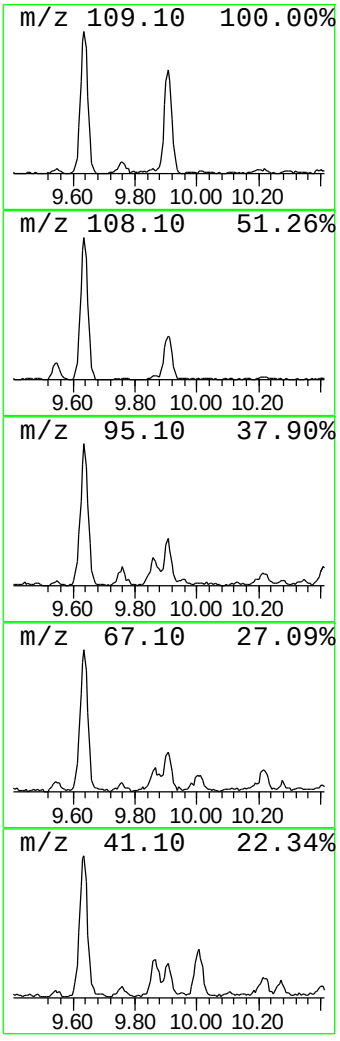
Peak Number 9 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	5.07 ng/ul	117239	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	46
2	Urea, N-(4-hydroxy-2-methylcyclo...	264	C14H20N2O3	025546-04-7	43
3	3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	35
4	3-Pyridinol, 6-methyl-	109	C6H7NO	001121-78-4	35
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	35





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ClientSampleId : DBGR5

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Quant Title : SVOA CALIBRATION

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

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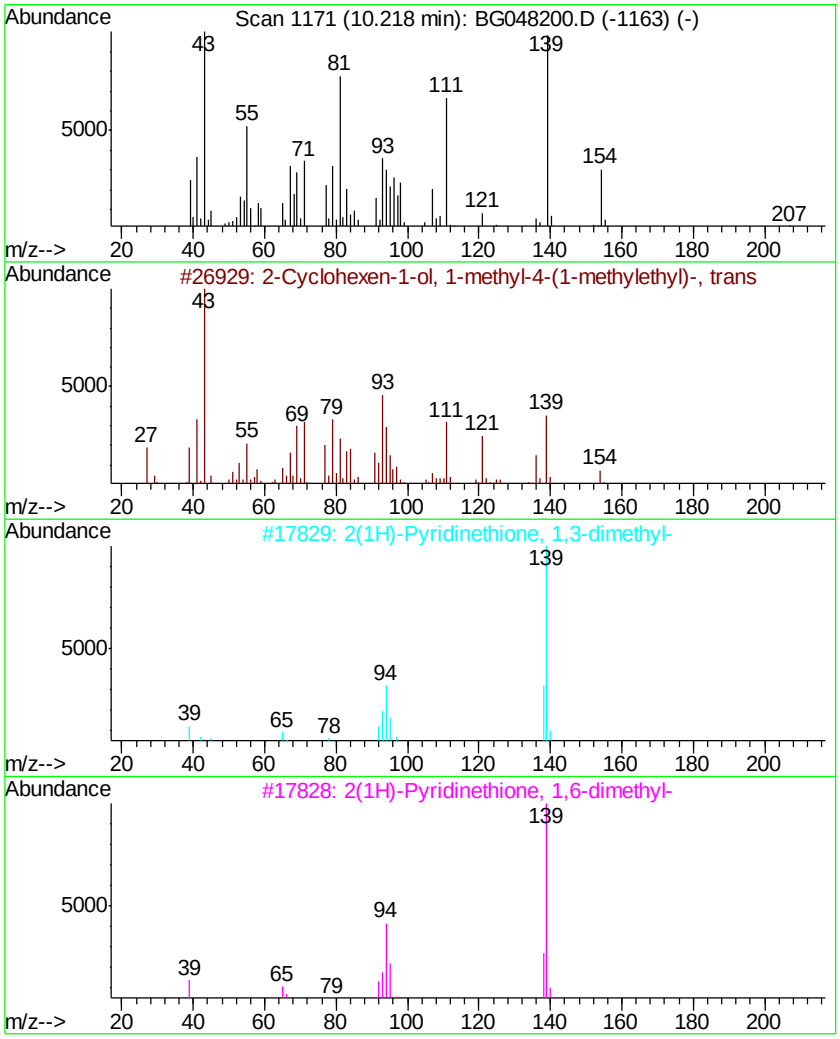
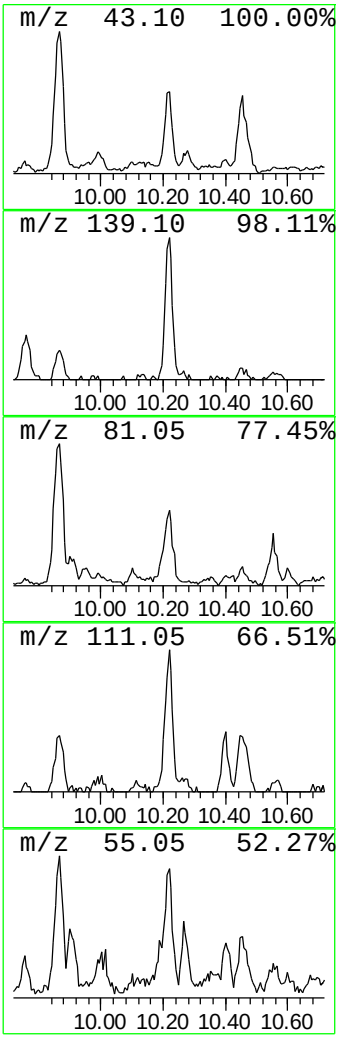
Peak Number 10 unknown-06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	8.29 ng/ul	191533	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol, 1-methyl-4-(1...	154	C10H18O	029803-81-4	46
2	2(1H)-Pyridinethione, 1,3-dimethyl-	139	C7H9NS	019006-66-7	25
3	2(1H)-Pyridinethione, 1,6-dimethyl-	139	C7H9NS	019006-69-0	22
4	Carbonic acid, ethyl cyclohexylm...	186	C10H18O3	1000357-91-5	22
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	20





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ClientSampleId : DBGR5

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Quant Title : SVOA CALIBRATION

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

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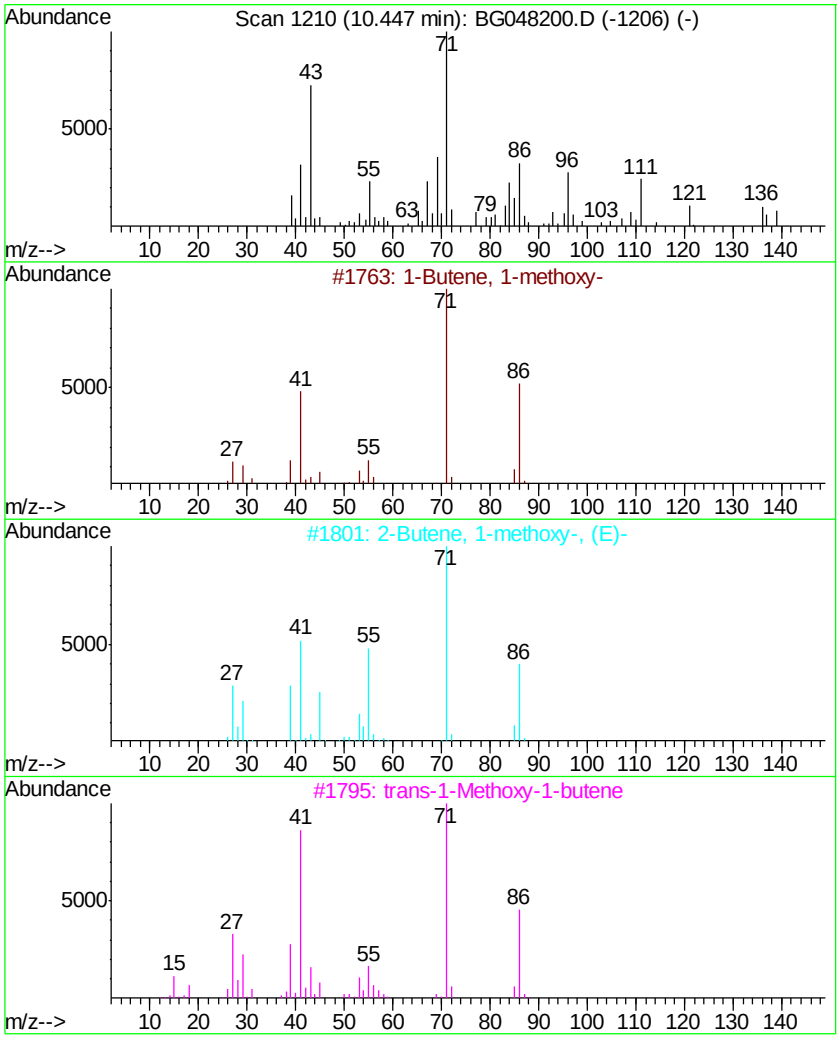
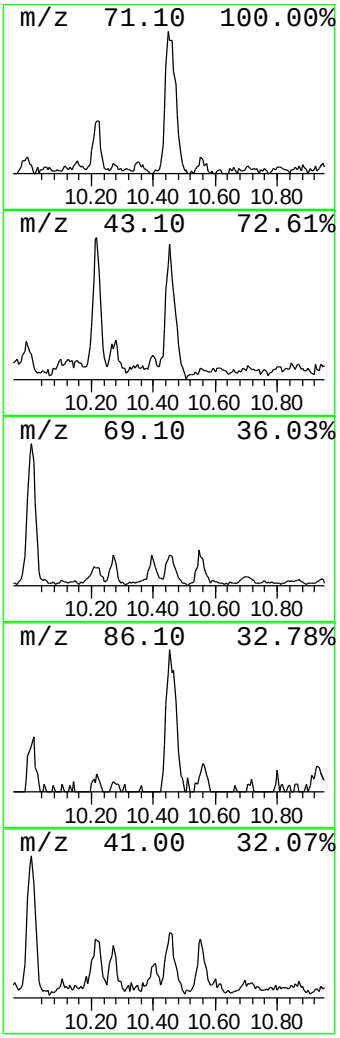
Peak Number 11 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	6.58 ng/ul	152164	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 1-methoxy-	86	C5H10O	029512-02-5	46
2	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	43
3	trans-1-Methoxy-1-butene	86	C5H10O	010034-13-6	43
4	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	43
5	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	43





Library Search Compound Report

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ClientSampleId : DBGR5

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Quant Title : SVOA CALIBRATION

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

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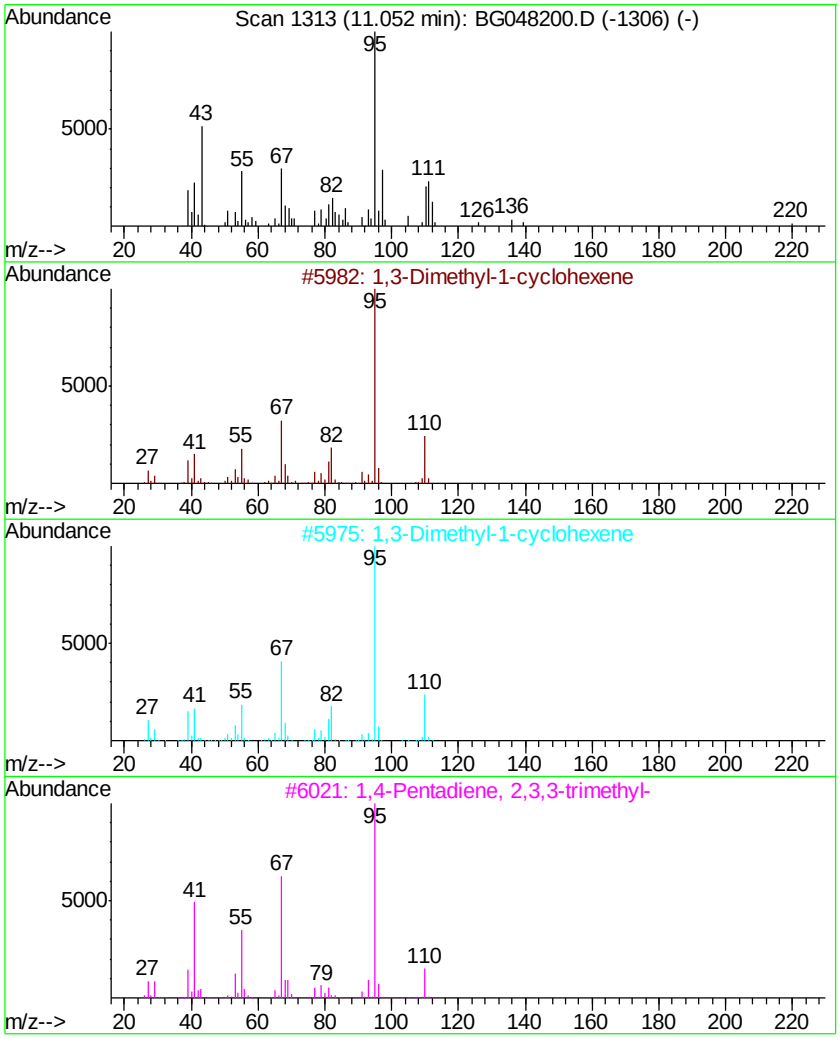
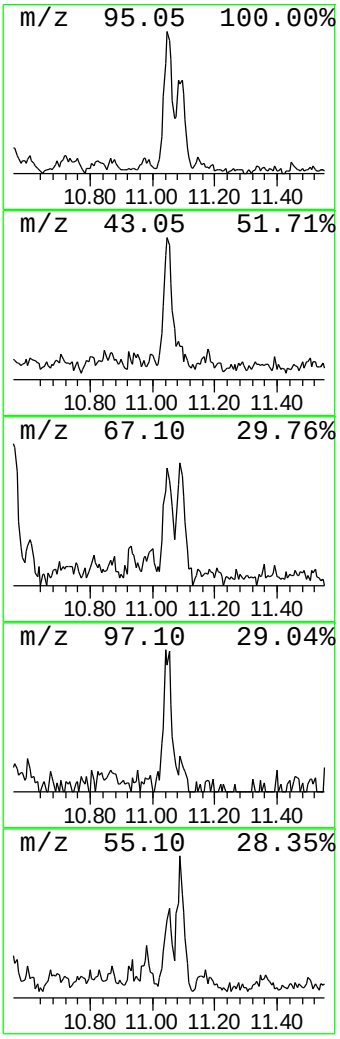
Peak Number 12 1,3-Dimethyl-1-cyclohexene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	4.25 ng/ul	98260	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	64
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	58
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	53
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	53
5	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	50





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Sample : M1429-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR5

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Quant Title : SVOA CALIBRATION

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

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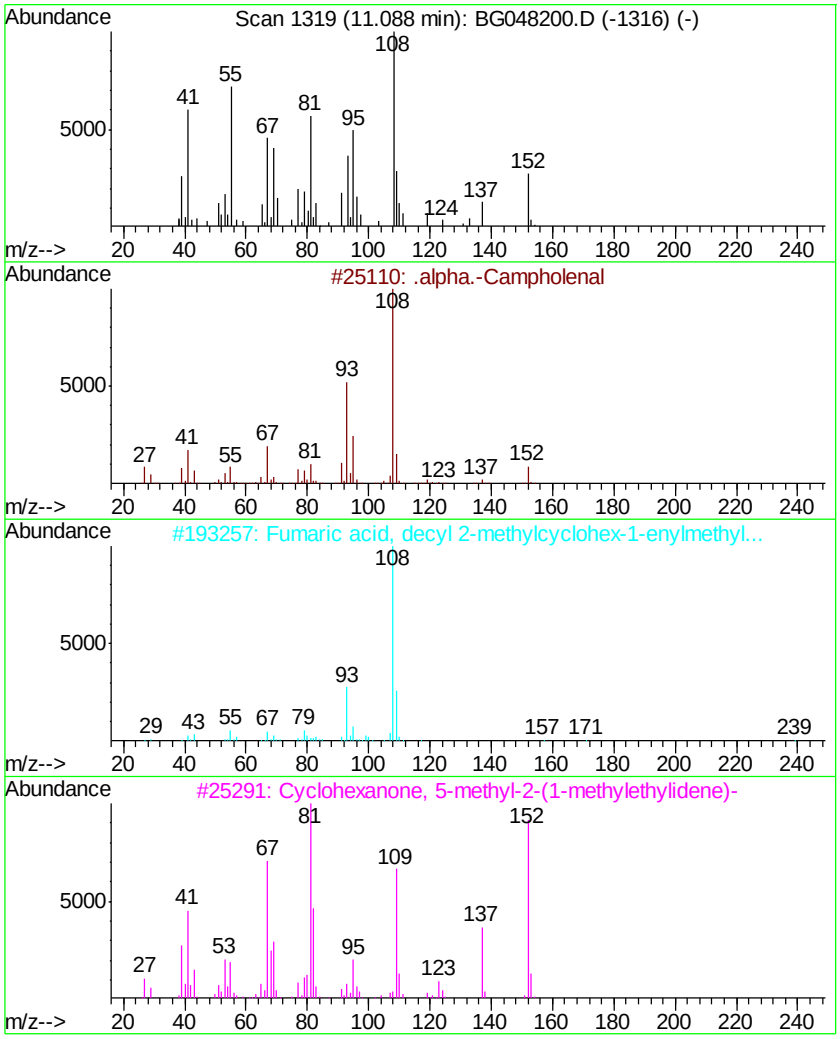
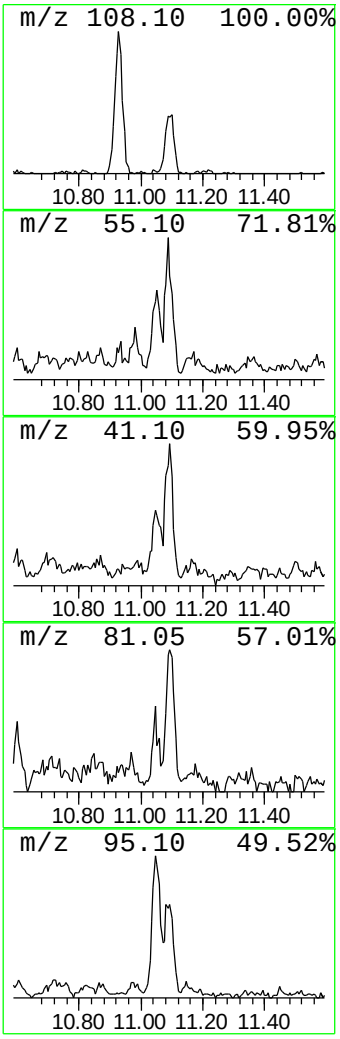
Peak Number 13 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	4.92 ng/ul	113814	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Campholenal	152	C10H16O	004501-58-0	47
2	Fumaric acid, decyl 2-methylcycl...	364	C22H36O4	1000345-16-1	46
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	42
4	Ethanol, 2-(3-methylphenoxy)-	152	C9H12O2	013605-19-1	38
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	38





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Instrument : BNA_G
ClientSampleId : DBGR5

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Quant Title : SVOA CALIBRATION

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

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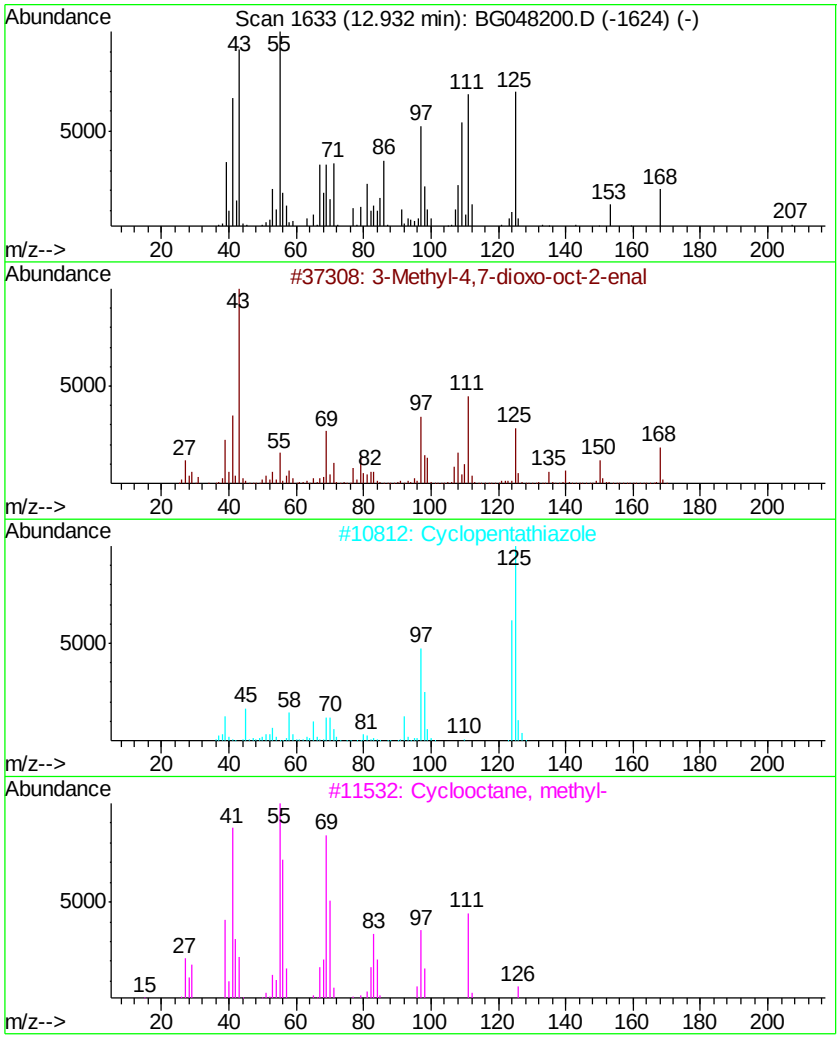
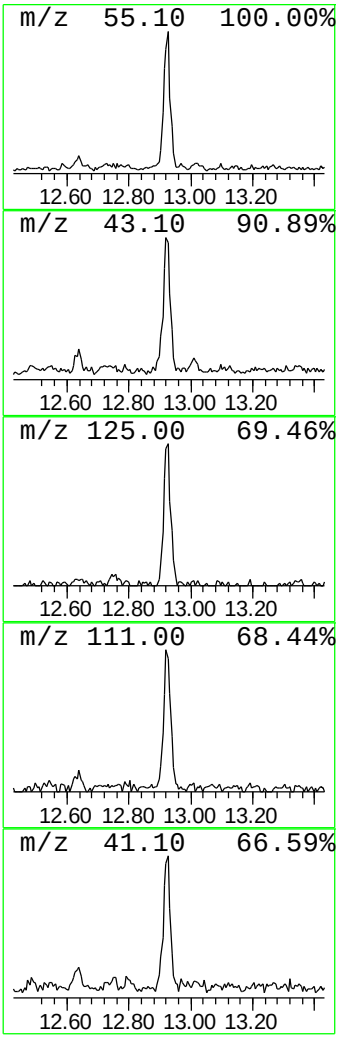
Peak Number 14 unknown-09 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	5.84 ng/ul	204626	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4,7-dioxo-oct-2-enal	168	C9H12O3	1000185-76-3	38
2	Cyclopentathiazole	125	C6H7NS	005661-10-9	38
3	Cyclooctane, methyl-	126	C9H18	001502-38-1	35
4	Cyclohexanone, 2-(1-methyl-2-oxo...	168	C10H16O2	067722-25-2	25
5	2,4-Octadienoic acid, 3-methyl-,...	168	C10H16O2	091057-12-4	22





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Misc :
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Instrument : BNA_G
ClientSampleId : DBGR5

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Quant Title : SVOA CALIBRATION

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

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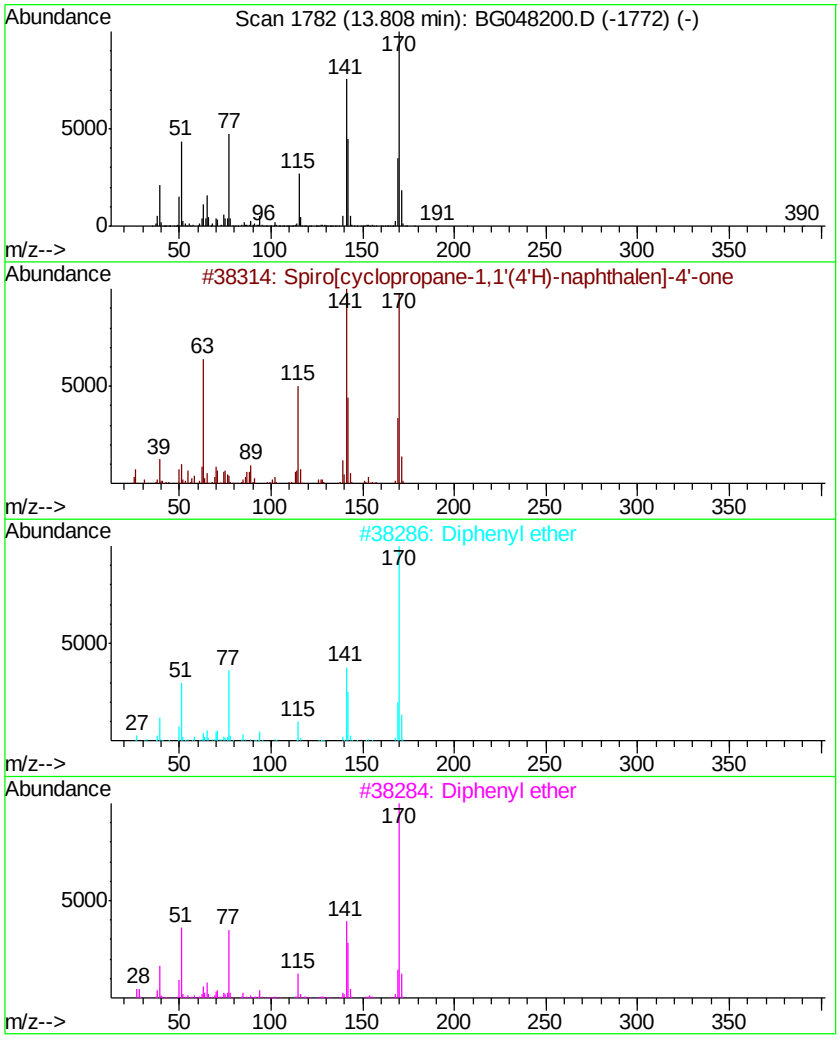
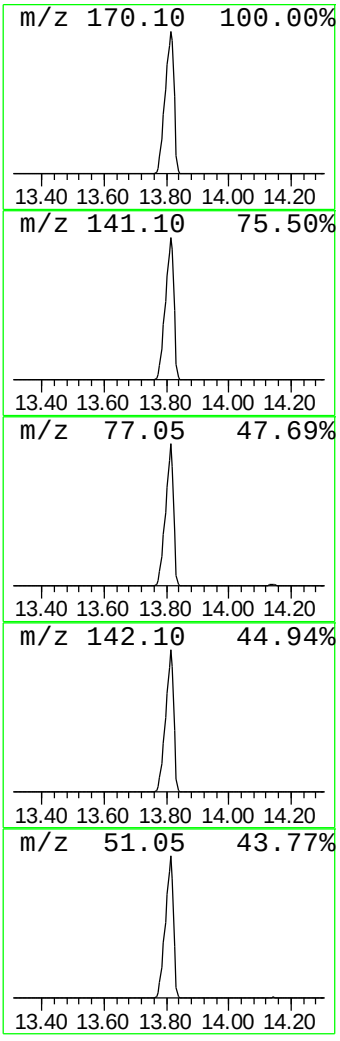
Peak Number 15 Spiro[cyclopropane-1,1'(4'H... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	530.03 ng/ul	18586100	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	76
2	Diphenyl ether	170	C12H10O	000101-84-8	64
3	Diphenyl ether	170	C12H10O	000101-84-8	53
4	Diphenyl ether	170	C12H10O	000101-84-8	53
5	1H,3H-Naphtho[1,8-cd]pyran	170	C12H10O	000203-84-9	53





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Instrument : BNA_G
ClientSampleId : DBGR5

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Quant Title : SVOA CALIBRATION

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

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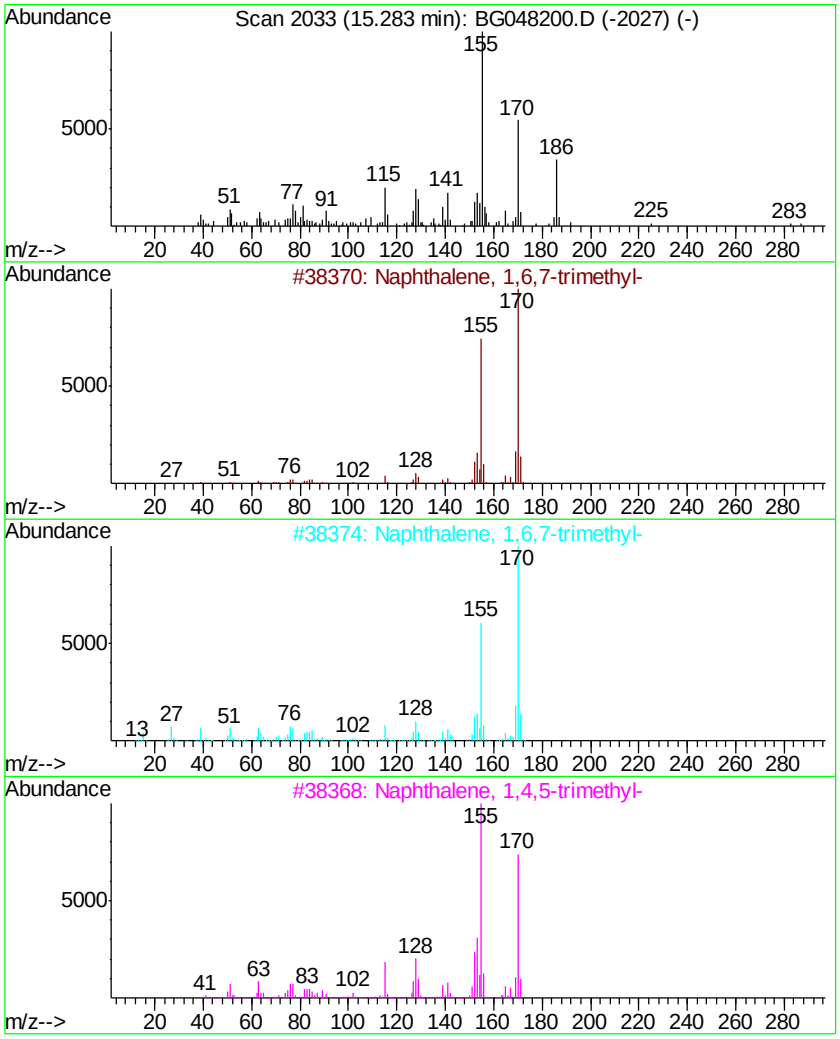
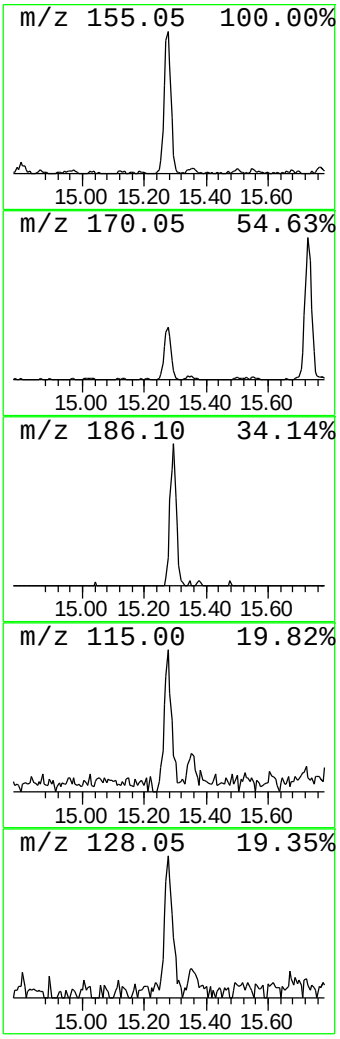
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	4.72 ng/ul	165609	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	81
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	72
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	72





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ClientSampleId : DBGR5

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Quant Title : SVOA CALIBRATION

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

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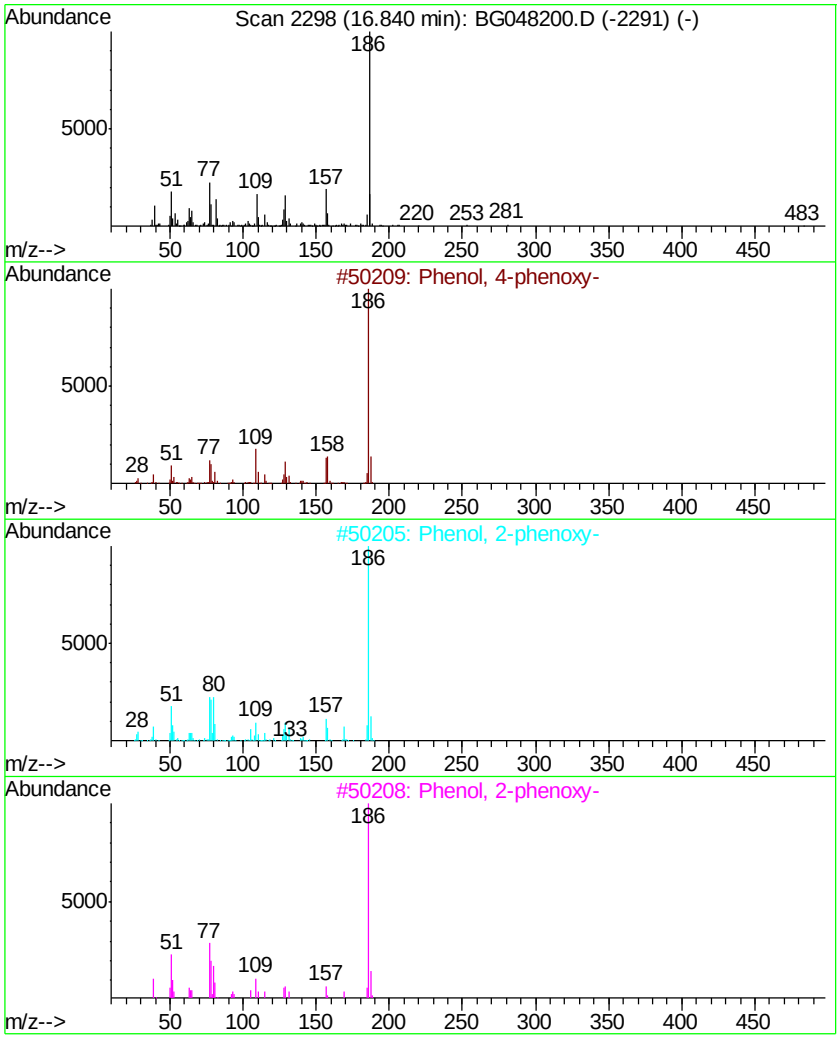
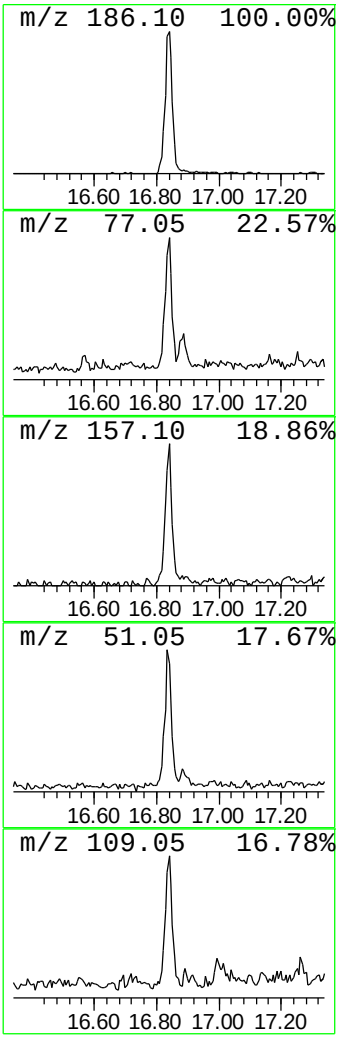
Peak Number 17 Phenol, 4-phenoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	7.22 ng/ul	289172	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	91
2	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	91
3	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	90
4	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	87
5	4H-Pyran-4-one, 2-methyl-6-phenyl-	186	C12H10O2	001013-99-6	72





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ClientSampleId : DBGR5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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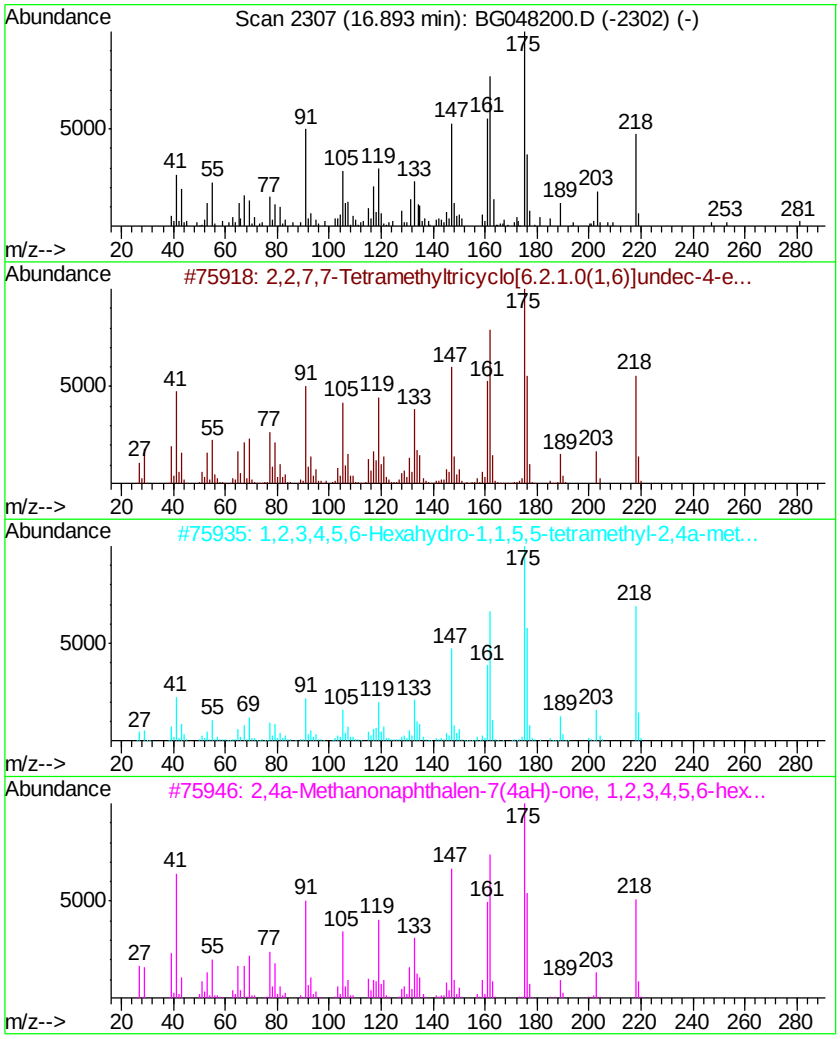
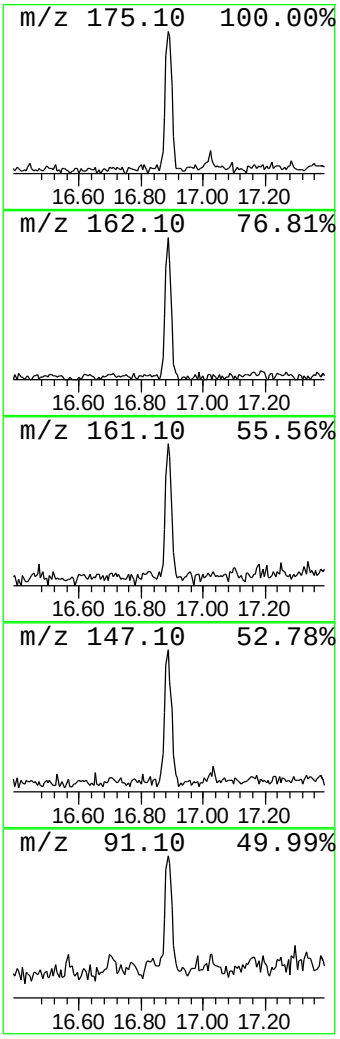
Peak Number 18 2,2,7,7-Tetramethyltricyclo... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	4.53 ng/ul	181482	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyltricyclo[6.2....	218	C15H22O	1000189-49-9	91
2	1,2,3,4,5,6-Hexahydro-1,1,5,5-te...	218	C15H22O	023747-14-0	87
3	2,4a-Methanonaphthalen-7(4aH)-on...	218	C15H22O	026839-52-1	74
4	Isolongifolen-5-one	218	C15H22O	1000159-37-1	55
5	1,3,5-Cycloheptatriene, 2,4-diet...	176	C13H20	1000156-99-6	49





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Quant Title : SVOA CALIBRATION

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

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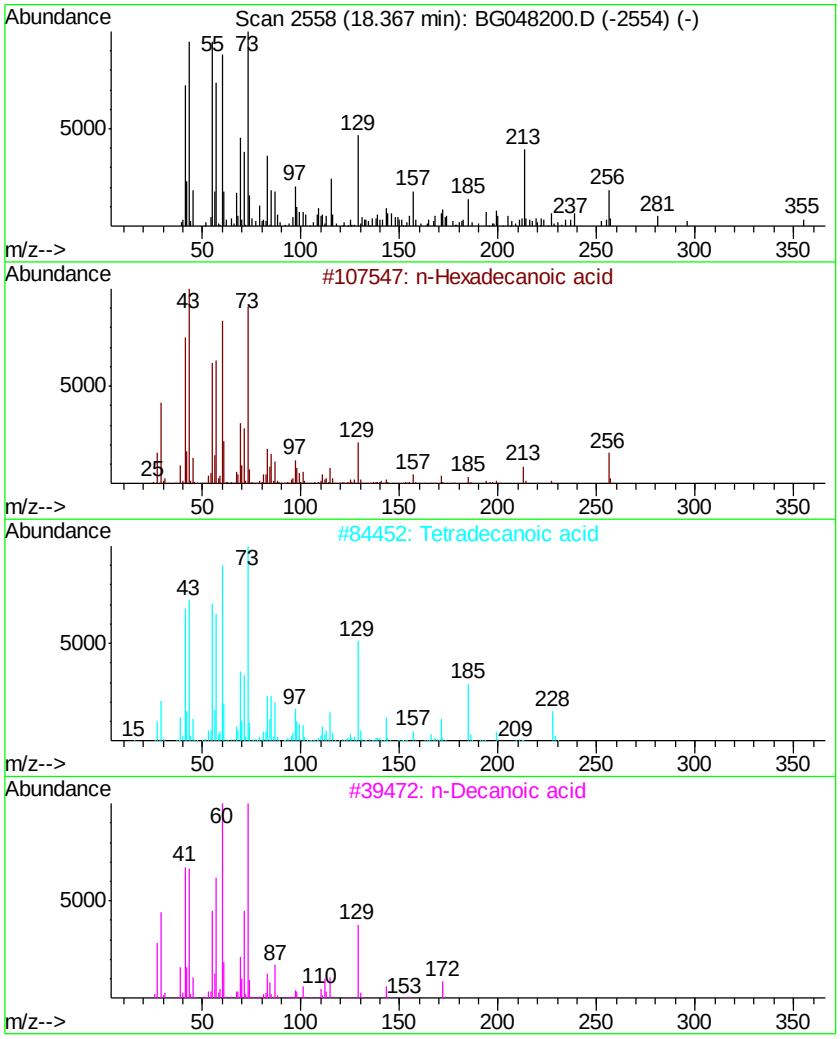
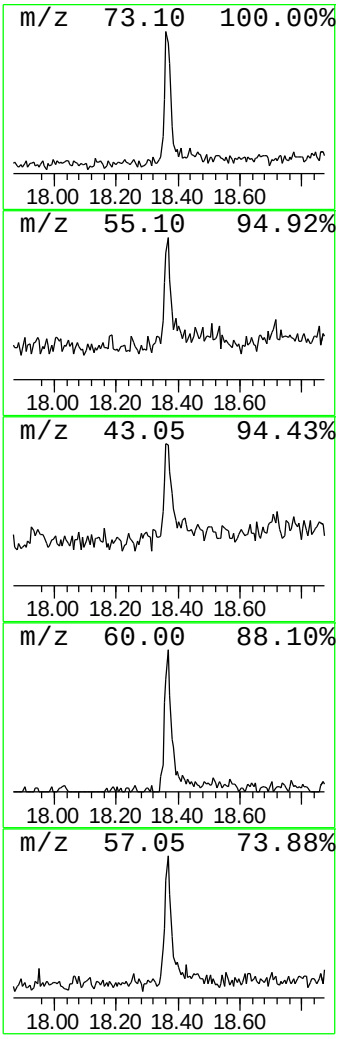
Peak Number 19 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.36 ng/ul	94640	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	86
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021821\
Data File : BG048200.D
Acq On : 18 Feb 2021 18:05
Operator : CG/JU
Sample : M1429-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR5

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
1,2-Dimethylcyclo...	5.58	2.4	ng/ul	40757	1	8.11	339207	20.0
Benzene, (1-methy...	6.59	2.1	ng/ul	35009	1	8.11	339207	20.0
1,3,5-Cycloheptat...	7.71	2.2	ng/ul	37386	1	8.11	339207	20.0
unknown-01	9.40	2.2	ng/ul	37067	1	8.11	339207	20.0
unknown-02	9.45	2.1	ng/ul	36224	1	8.11	339207	20.0
unknown-03	9.64	31.9	ng/ul	736786	2	10.93	462289	20.0
3-Cyclopentene-1-...	9.75	2.1	ng/ul	49397	2	10.93	462289	20.0
unknown-04	9.87	12.7	ng/ul	292305	2	10.93	462289	20.0
unknown-05	9.91	5.1	ng/ul	117239	2	10.93	462289	20.0
unknown-06	10.22	8.3	ng/ul	191533	2	10.93	462289	20.0
unknown-07	10.45	6.6	ng/ul	152164	2	10.93	462289	20.0
1,3-Dimethyl-1-cy...	11.05	4.3	ng/ul	98260	2	10.93	462289	20.0
unknown-08	11.09	4.9	ng/ul	113814	2	10.93	462289	20.0
unknown-09	12.93	5.8	ng/ul	204626	3	14.74	701321	20.0
Spiro[cyclopropan...	13.81	530.0	ng/ul	18586100	3	14.74	701321	20.0
Naphthalene, 1,6,...	15.28	4.7	ng/ul	165609	3	14.74	701321	20.0
Phenol, 4-phenoxy-	16.84	7.2	ng/ul	289172	4	17.49	801263	20.0
2,2,7,7-Tetrameth...	16.89	4.5	ng/ul	181482	4	17.49	801263	20.0
n-Hexadecanoic acid	18.37	2.4	ng/ul	94640	4	17.49	801263	20.0