LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048276.D
Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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	4.271	152	159	169	rBV	196988	319486	0.23%	0.142%
2	5.417	345	354	363	rBV	814649	1334487	0.97%	0.595%
3	6.751	573	581	592	rBV	92277	154919	0.11%	0.069%
4	7.373	673	687	695	rBV2	410378	832286	0.61%	0.371%
5	7.450	695	700	708	rVV	149287	252742	0.18%	0.113%
6	7.673	730	738	742	rBV2	218795	455119	0.33%	0.203%
7	7.902	772	777	785	rVB	107792	165221	0.12%	0.074%
8	8.079	801	807	811	rBV	194061	310613	0.23%	0.138%
9	8.120	811	814	819	rVV	148303	254477	0.19%	0.113%
10	8.419	858	865	871	rBV	182354	301759	0.22%	0.135%
11	8.883	938	944	951	rVV	172387	319263	0.23%	0.142%
12	9.301	1009	1015	1021	rBV2	226293	409986	0.30%	0.183%
13	9.365	1021	1026	1035	rVB	466100	784107	0.57%	0.350%
14	10.023	1129	1138	1150	rVB4	243722	523975	0.38%	0.234%
15	10.299	1169	1185	1188	rBV	273978	677460	0.49%	0.302%
16	10.346	1188	1193	1200	rBV	1009842	1810826	1.32%	0.807%
17	10.476	1213	1215	1221	rVB2	463812	499395	0.36%	0.223%
18	10.593	1229	1235	1241	rVB	289353	512906	0.37%	0.229%
19	10.787	1260	1268	1272	rVV6	55992	151436	0.11%	0.068%
20	10.846	1272	1278	1287	rVB3	325185	680275	0.50%	0.303%
21	10.940	1287	1294	1298	rBV	180830	333140	0.24%	0.149%
22	10.993	1298	1303	1310	rVB2	276880	485996	0.35%	0.217%
23	11.251	1342	1347	1352	rBV2	94455	165695	0.12%	0.074%
24	11.745	1424	1431	1436	rBV2	258058	440550	0.32%	0.196%
25	12.268	1505	1520	1521	rBV7	56988	153182	0.11%	0.068%
26	12.303	1521	1526	1538	rVB	244255	439998	0.32%	0.196%
27	12.479	1547	1556	1560	rBV3	75390	169444	0.12%	0.076%
28	12.708	1579	1595	1606	rBV7	196217	639405	0.47%	0.285%
29	12.802	1606	1611	1622	rVB2	101610	228458	0.17%	0.102%
30	12.949	1629	1636	1642	rBV5	141813	277141	0.20%	0.124%
31	13.261	1675	1689	1694	rBV	999798	1705245	1.24%	0.760%
32	13.549	1729	1738	1741	rVV	1943862	4232085	3.09%	1.887%
33	13.637	1741	1753	1757	rVV	18225095	48094713	35.11%	21.442%
34	13.672	1757	1759	1767	rVV2	386327	688497	0.50%	0.307%

LSC Area Percent Report

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Data File : BG048276.D
Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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	13.907	1775	1799	1803	rVV	27758727	136967930	100.00%	61.065%
36	13.960	1803	1808	1810	rVV3	174512	250158	0.18%	0.112%
37	13.995	1810	1814	1821	rVV	410344	618661	0.45%	0.276%
38	14.095	1825	1831	1837	rVV3	153188	295602	0.22%	0.132%
39	14.166	1837	1843	1856	rVB	745161	1290491	0.94%	0.575%
40	14.465	1887	1894	1903	rBV	687840	1244675	0.91%	0.555%
41	14.759	1936	1944	1950	rBV	317249	524246	0.38%	0.234%
42	15.035	1986	1991	2003	rVB2	400018	682828	0.50%	0.304%
43	15.311	2034	2038	2043	rVB2	96102	138216	0.10%	0.062%
44	15.435	2049	2059	2069	rVV	1965152	3003465	2.19%	1.339%
45	15.705	2099	2105	2107	rBV2	135648	223835	0.16%	0.100%
46	15.746	2107	2112	2125	rVB	771785	1222837	0.89%	0.545%
47	15.887	2130	2136	2145	rBV	288727	465880	0.34%	0.208%
48	16.104	2168	2173	2182	rVB	216028	406795	0.30%	0.181%
49	16.774	2281	2287	2291	rVV	125779	211586	0.15%	0.094%
50	16.827	2291	2296	2299	rVV	436391	622961	0.45%	0.278%
51	16.868	2299	2303	2307	rVV	406760	649331	0.47%	0.289%
52	17.280	2367	2373	2378	rBV	550681	771210	0.56%	0.344%
53	17.503	2405	2411	2417	rVB	383525	591698	0.43%	0.264%
54	17.603	2421	2428	2434	rBV	794608	1239447	0.90%	0.553%
55	17.691	2439	2443	2449	rVB	109097	155823	0.11%	0.069%
56	18.214	2527	2532	2542	rVB2	103131	197107	0.14%	0.088%
57	18.607	2595	2599	2605	rBV	104346	147994	0.11%	0.066%
58	19.882	2810	2816	2822	rBV	979706	1409630	1.03%	0.628%
59	21.780	3135	3139	3145	rVB	378474	608072	0.44%	0.271%
60	24.871	3657	3665	3676	rVB	463049	1247932	0.91%	0.556%
61	25.012	3686	3689	3697	rVB2	157008	307587	0.22%	0.137%

Sum of corrected areas: 224300284

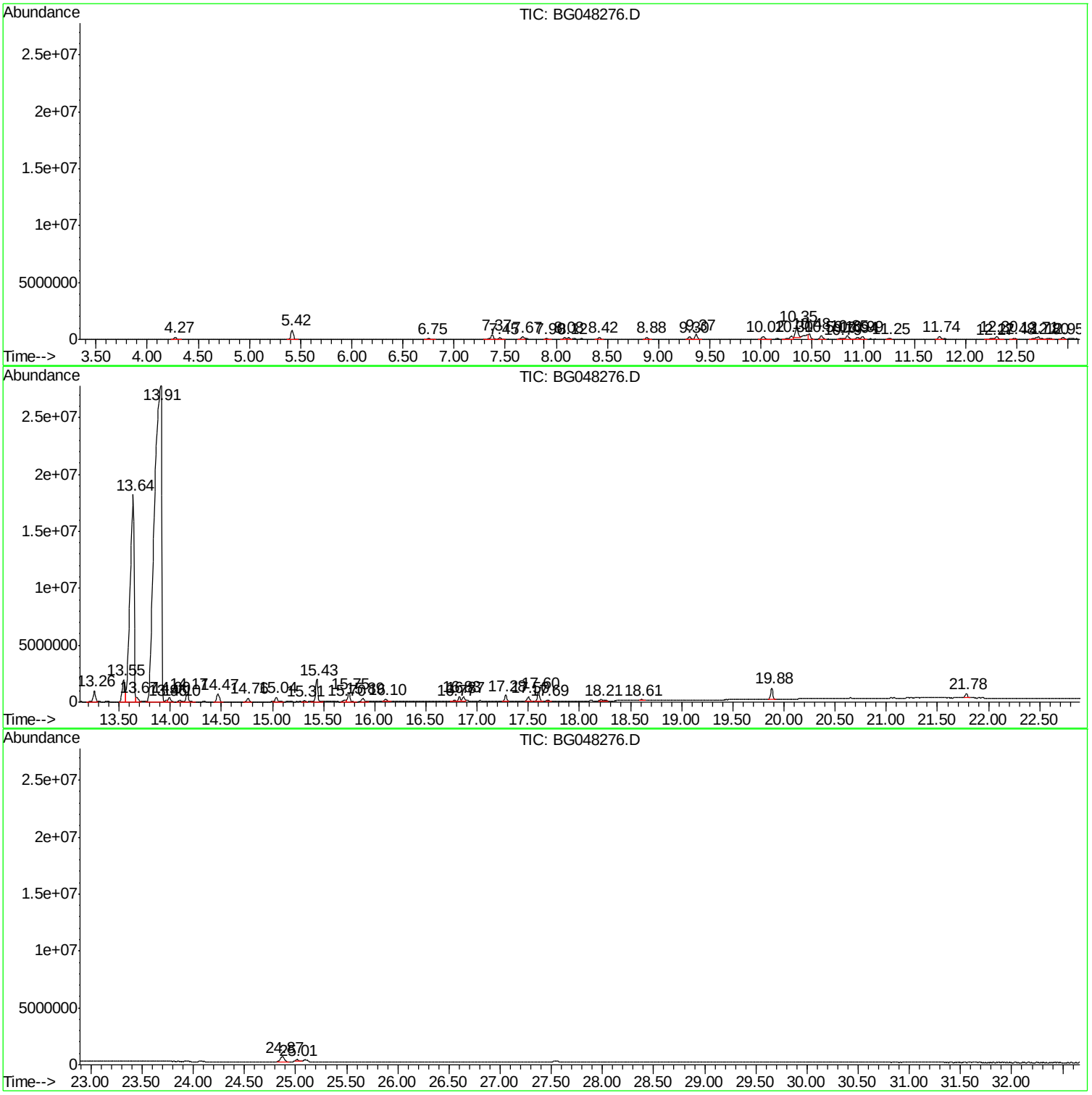
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048276.D
Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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\BG022221\
Data File : BG048276.D
Acq On : 22 Feb 2021 20:06
Operator : CG/JU
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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

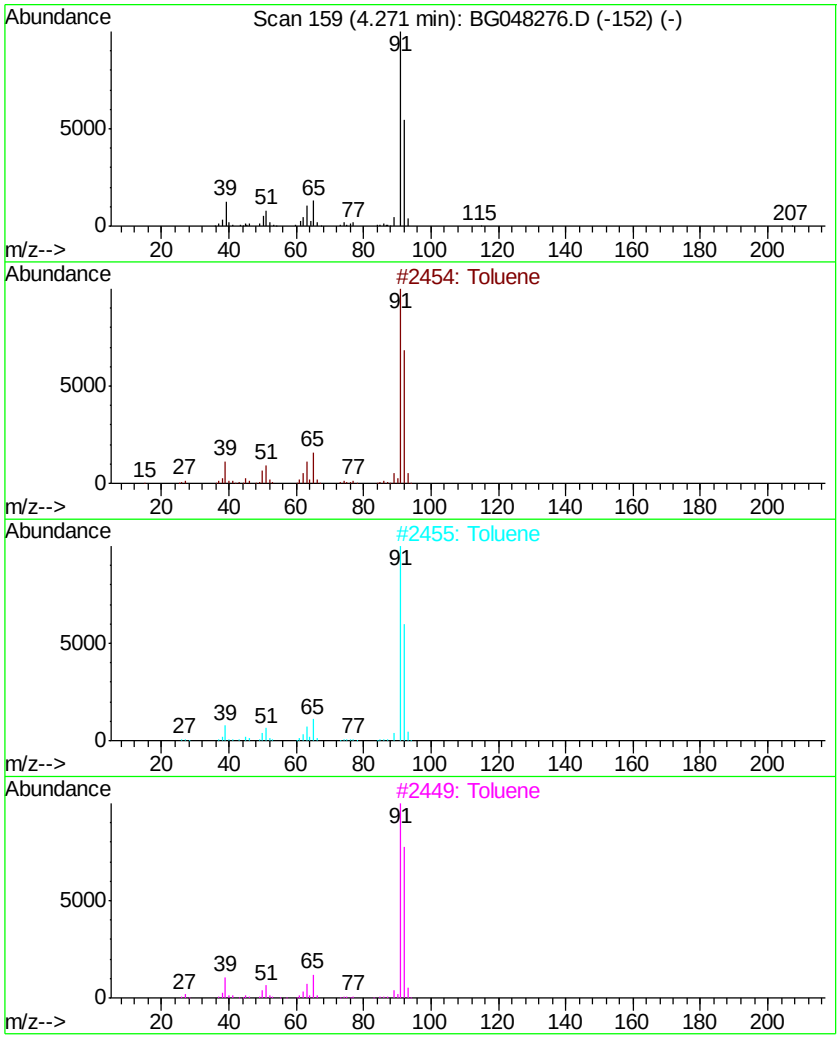
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

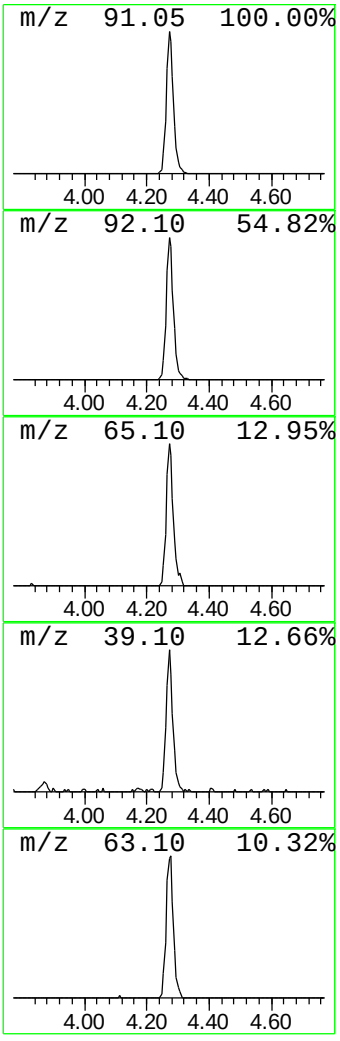
****

Peak Number 1 Toluene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	25.11 ng/ul	319486	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	94
3	Toluene	92	C7H8	000108-88-3	91
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
5	Toluene	92	C7H8	000108-88-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048276.D
Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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

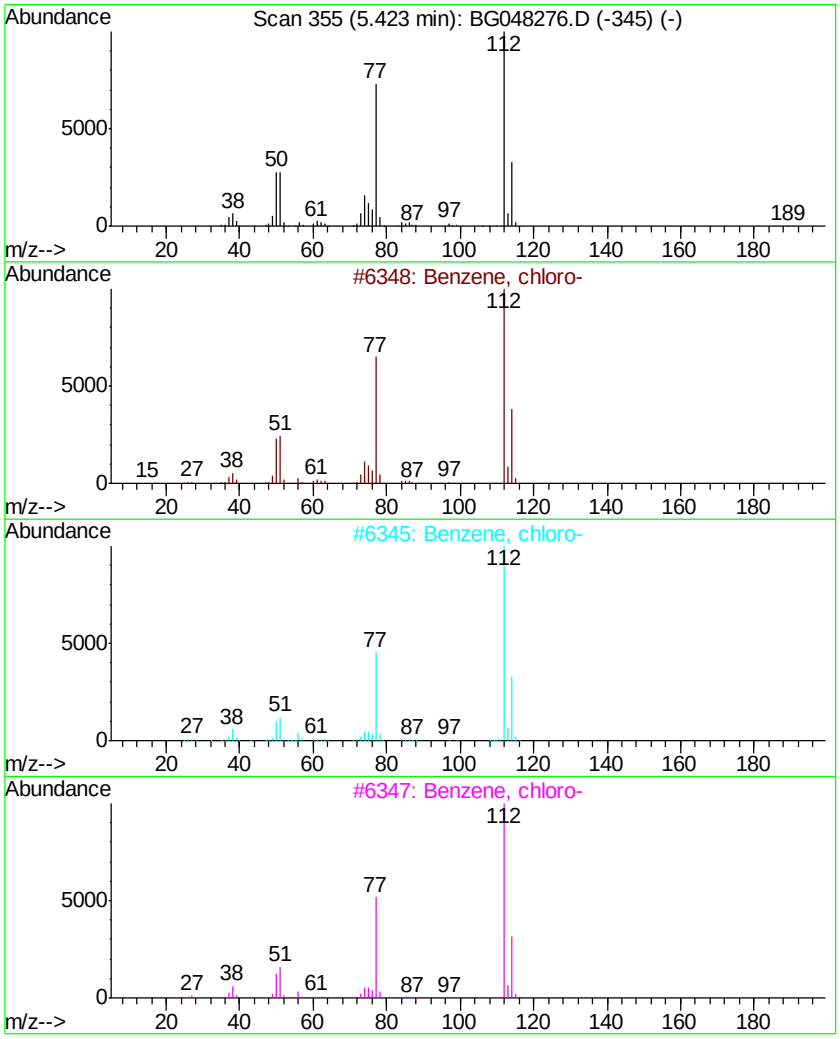
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

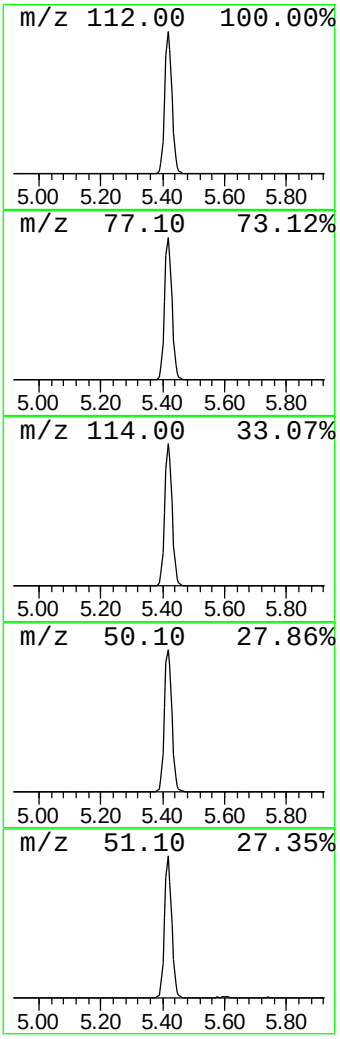
****

Peak Number 2 Benzene, chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	104.88 ng/ul	1334490	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048276.D
Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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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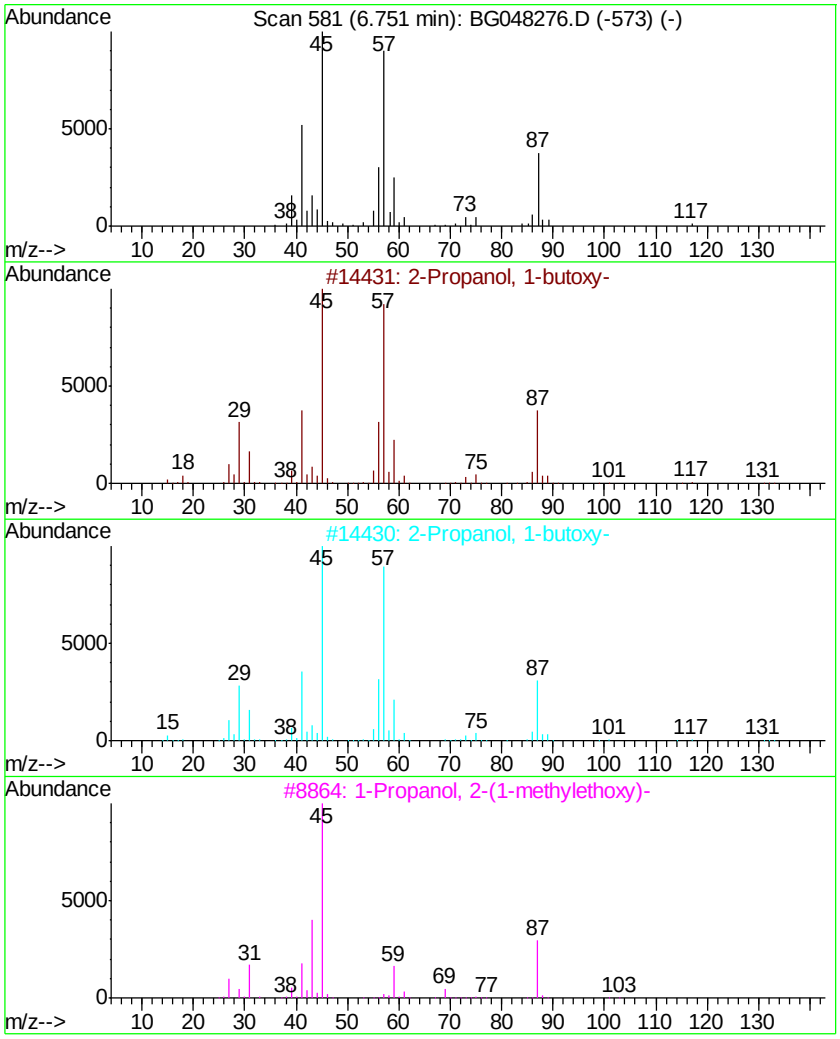
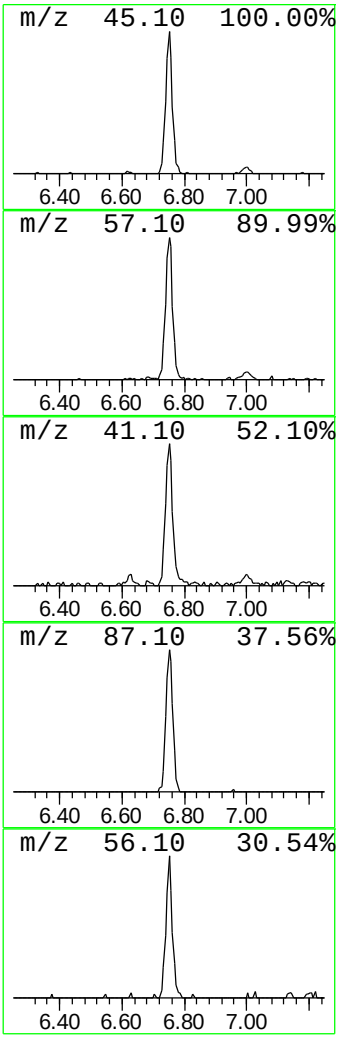
Peak Number 3 2-Propanol, 1-butoxy- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	12.18 ng/ul	154919	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
3	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	53
4	4-Octanone, 5-hydroxy-3,6-dimethyl-	172	C10H20O2	062759-47-1	50
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048276.D
Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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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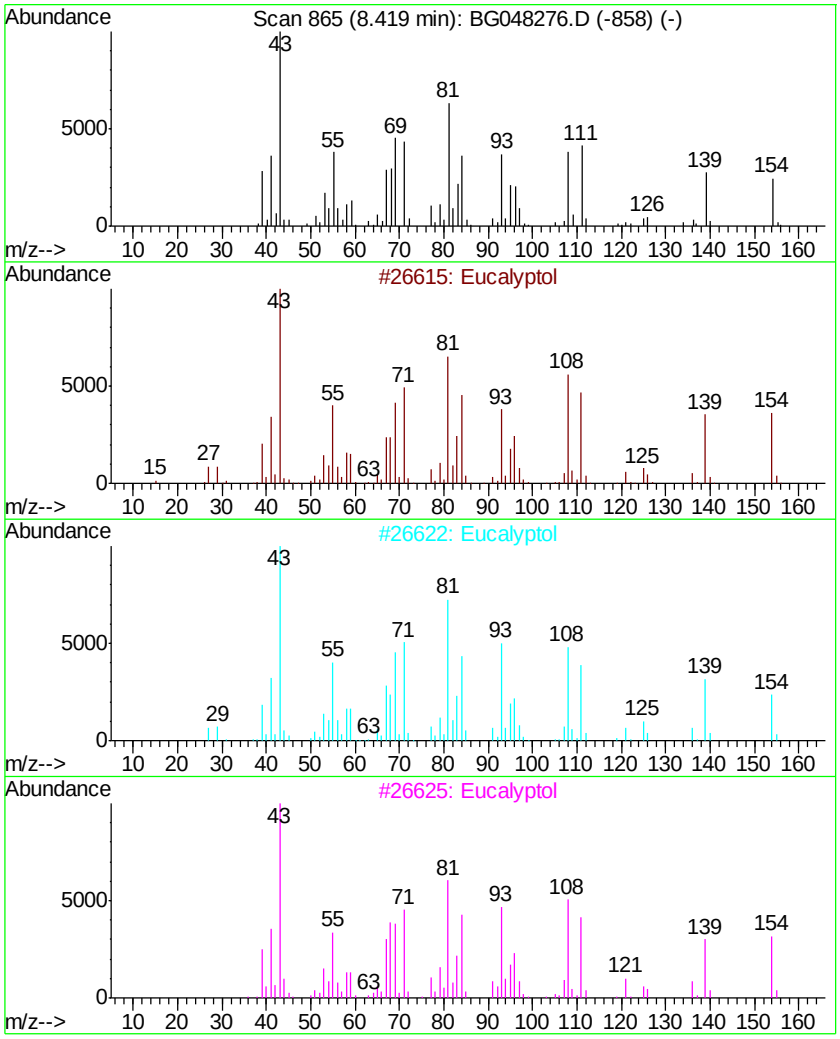
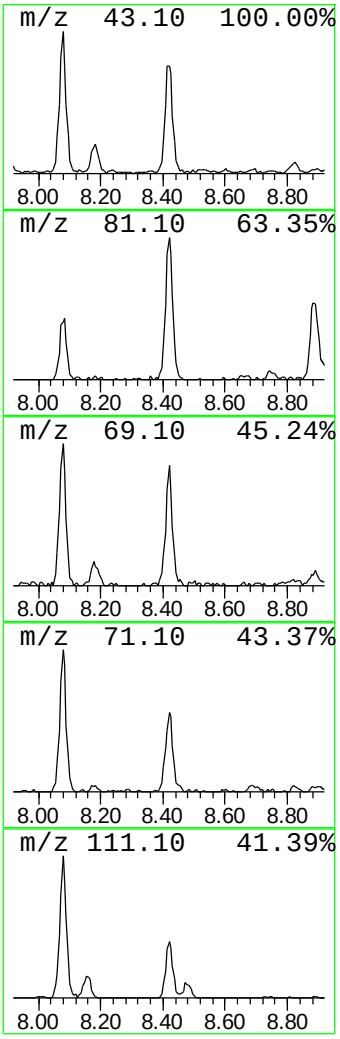
Peak Number 5 Eucalyptol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	23.72 ng/ul	301759	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	94
2	Eucalyptol	154	C10H18O	000470-82-6	93
3	Eucalyptol	154	C10H18O	000470-82-6	93
4	Eucalyptol	154	C10H18O	000470-82-6	90
5	Eucalyptol	154	C10H18O	000470-82-6	58





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Instrument : BNA_G
ClientSampleId : DBGS3

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

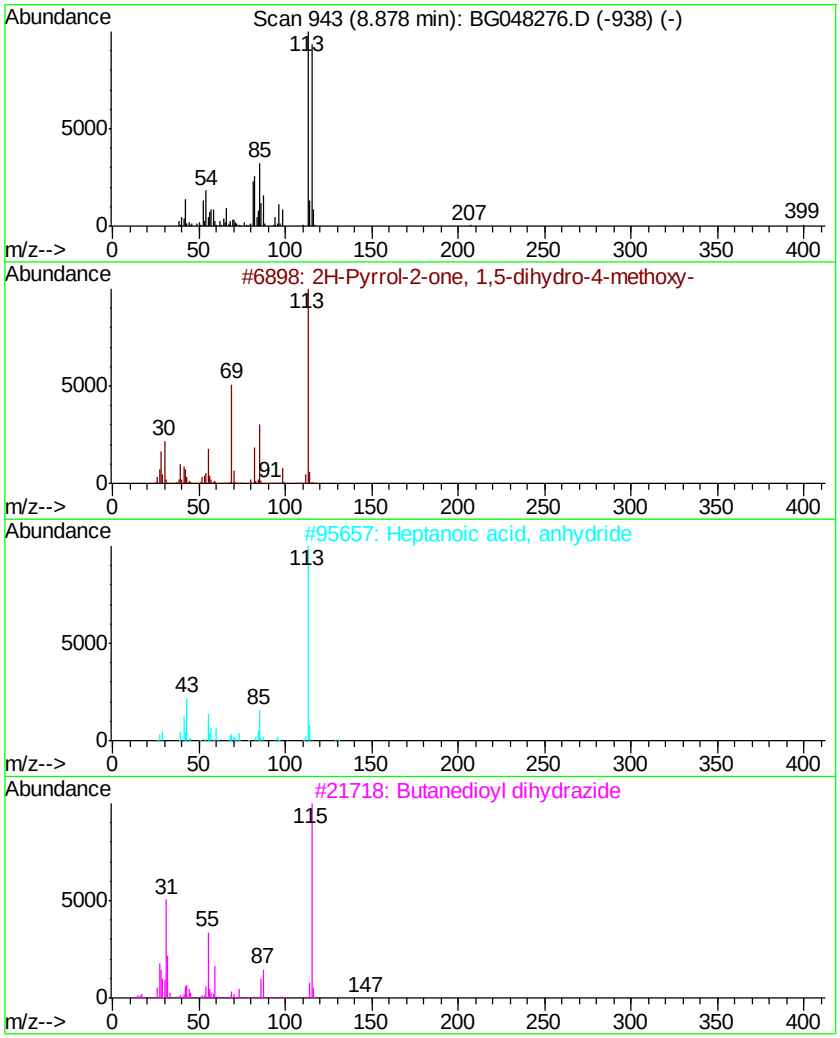
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

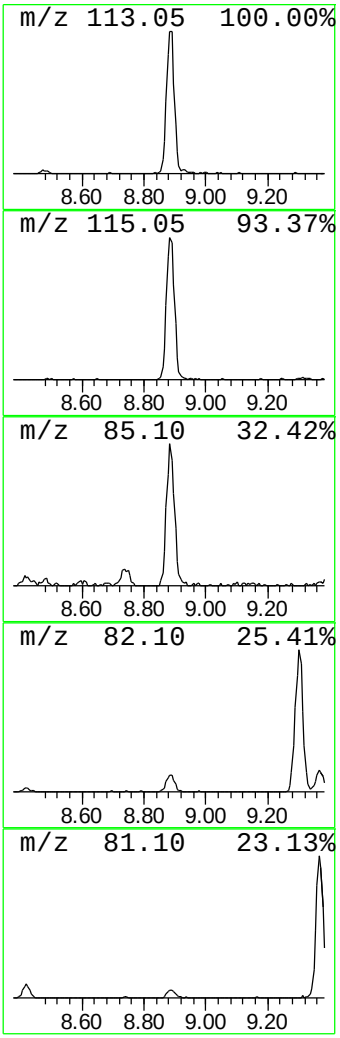
****

Peak Number 6 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	25.09 ng/ul	319263	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	38
2	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	27
3	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	25
4	Pyrimidine, 2-fluoro-4-amino-	113	C4H4FN3	096548-91-3	22
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	22





Library Search Compound Report

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Data File : BG048276.D
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Instrument : BNA_G
ClientSampleId : DBGS3

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

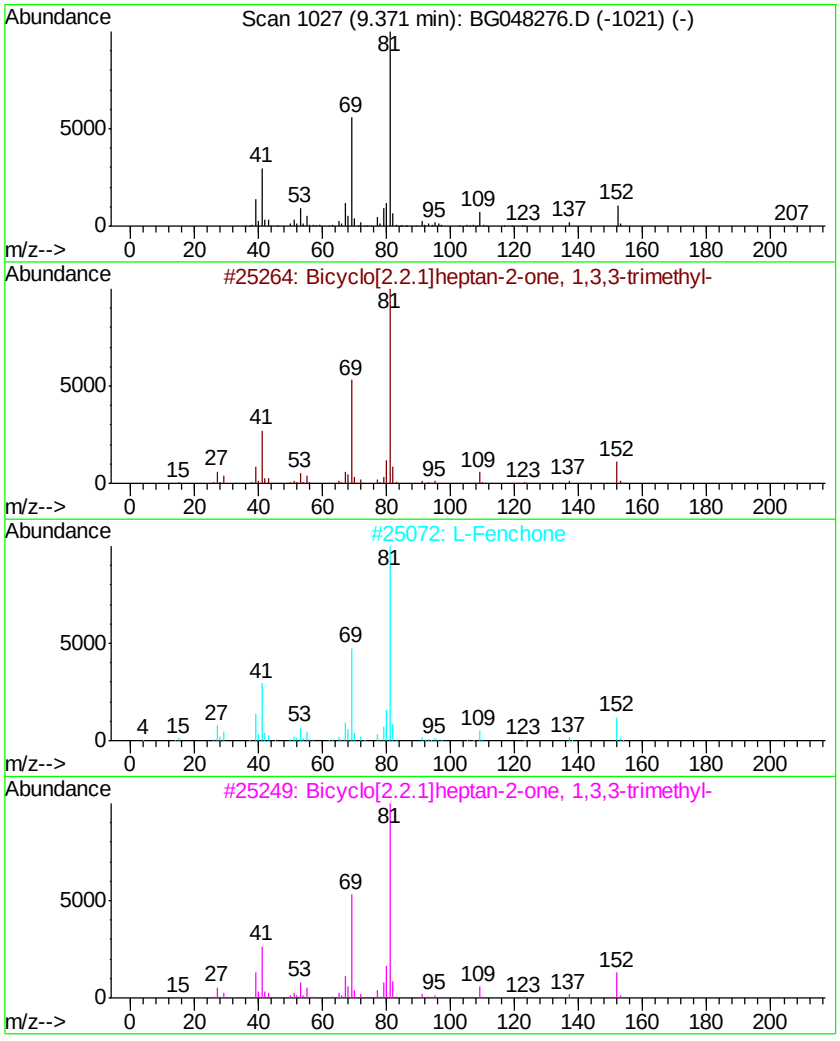
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

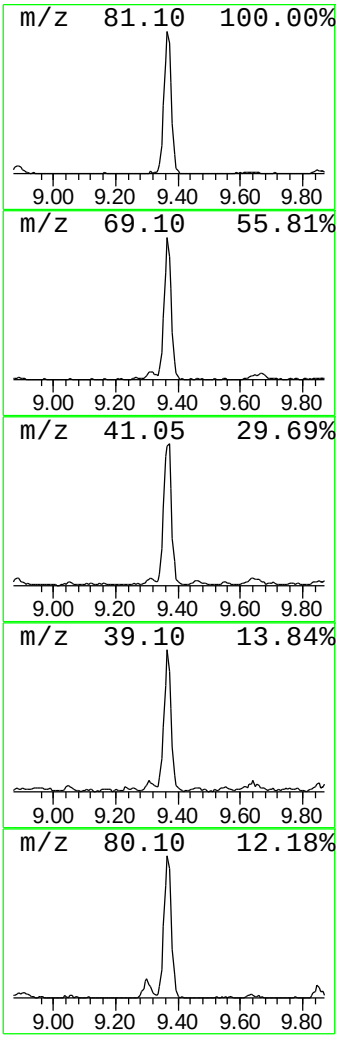
****

Peak Number 7 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	61.63 ng/ul	784107	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
2	L-Fenchone	152	C10H16O	007787-20-4	90
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
4	L-Fenchone	152	C10H16O	007787-20-4	87
5	D-Fenchone	152	C10H16O	004695-62-9	83





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Misc :
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Instrument : BNA_G
ClientSampleId : DBGS3

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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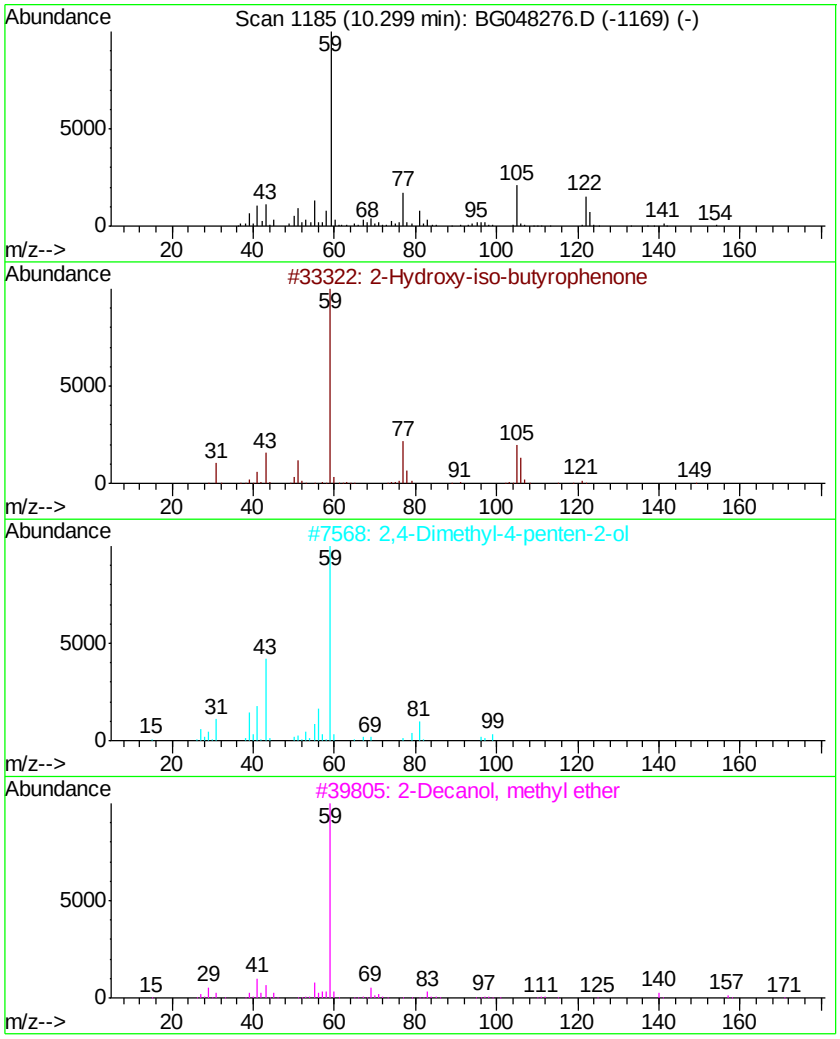
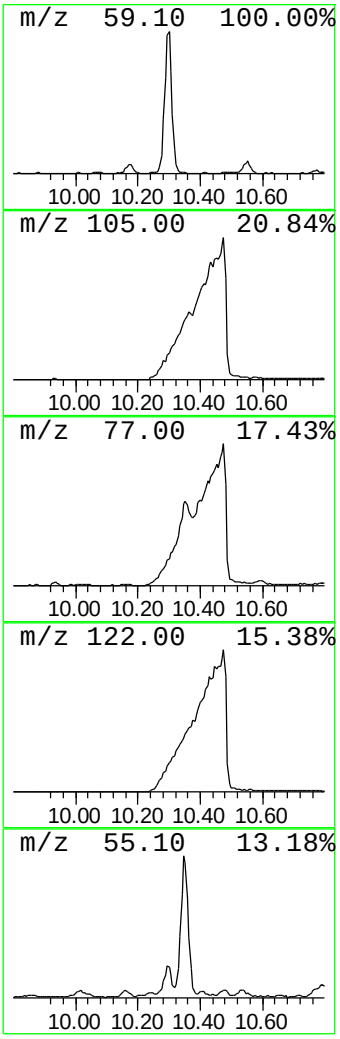
Peak Number 8 2-Hydroxy-iso-butyrophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	40.67 ng/ul	677460	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	64
2	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	47
3	2-Decanol, methyl ether	172	C11H24O	1000333-83-9	43
4	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	43
5	o-Menthan-8-ol	156	C10H20O	343855-44-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048276.D
Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

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

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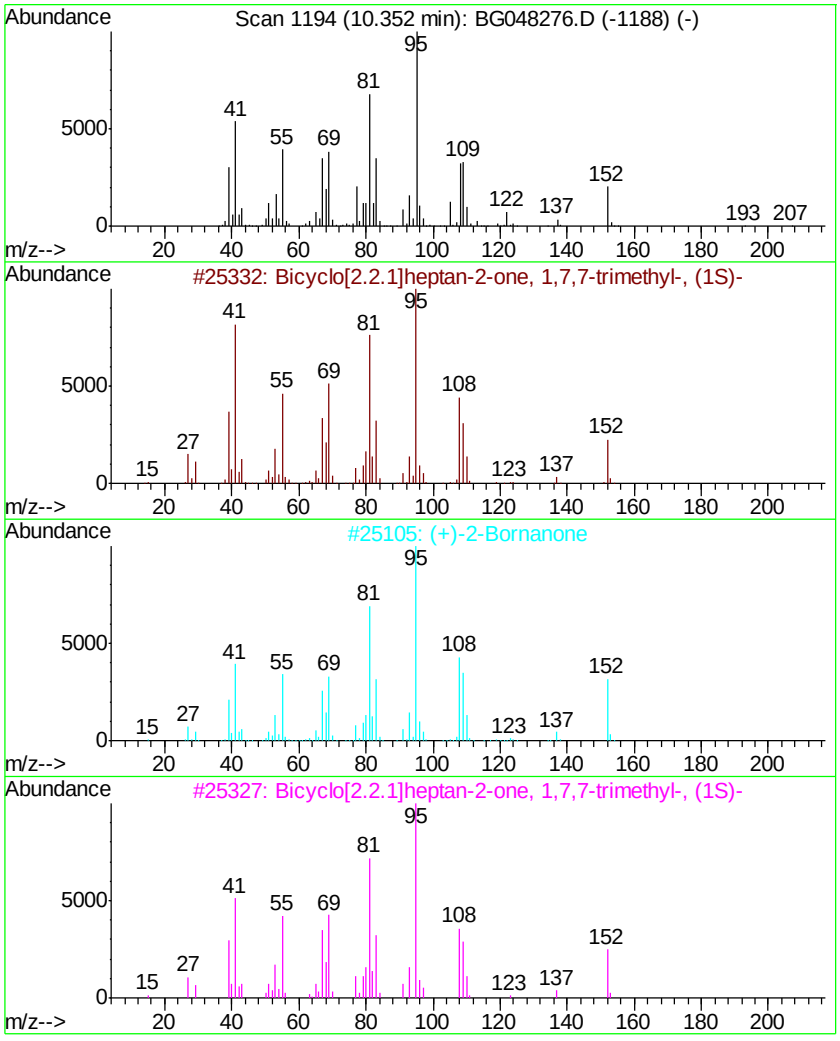
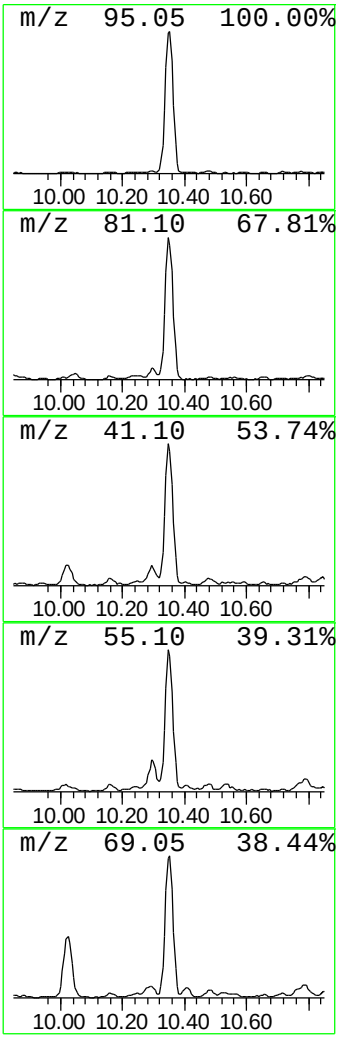
Peak Number 9 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	108.71 ng/ul	1810830	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
5	Camphor	152	C10H16O	000076-22-2	94





Library Search Compound Report

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Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
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Instrument : BNA_G
ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

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

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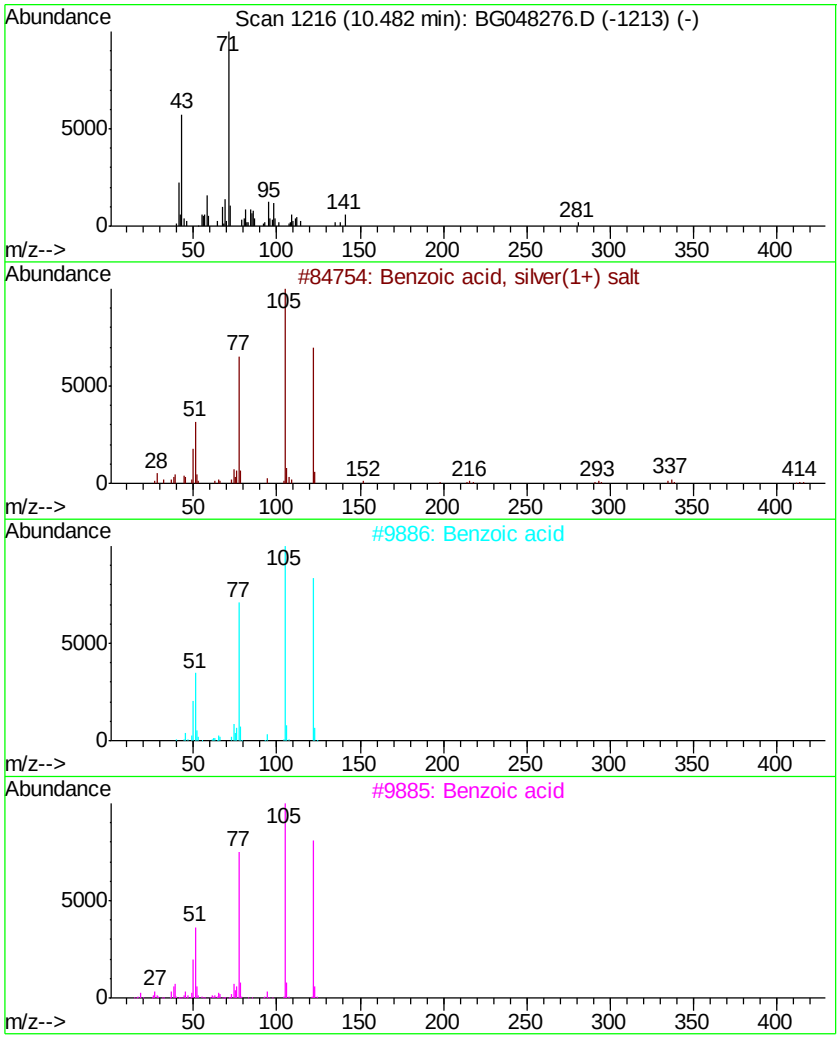
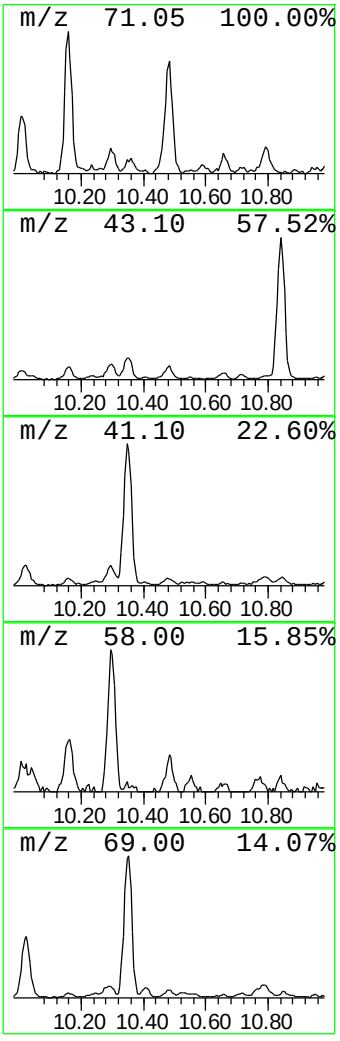
Peak Number 10 Benzoic acid, silver(1+) salt Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	29.98 ng/ul	499395	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, silver(1+) salt	228	C7H5AgO2	000532-31-0	50
2	Benzoic acid	122	C7H6O2	000065-85-0	49
3	Benzoic acid	122	C7H6O2	000065-85-0	49
4	Benzoic acid	122	C7H6O2	000065-85-0	49
5	3-Pyridinecarboxaldehyde, oxime	122	C6H6N2O	001193-92-6	43





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ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

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

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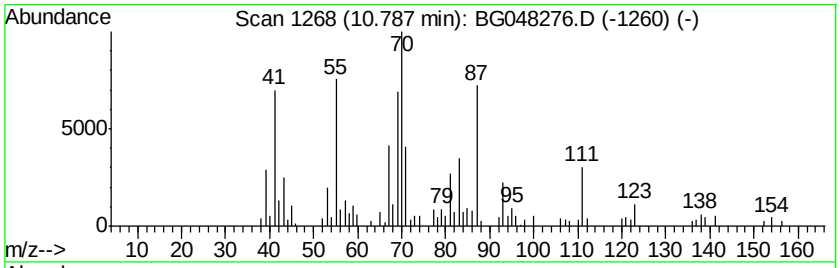
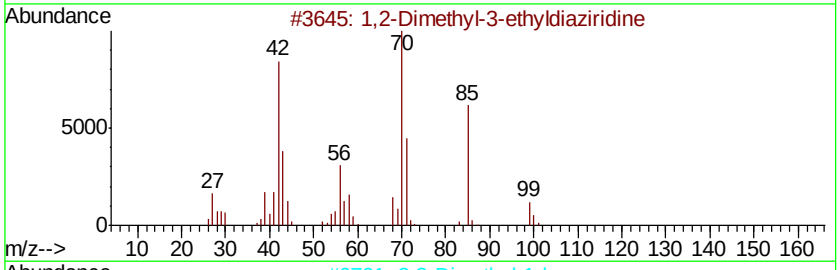
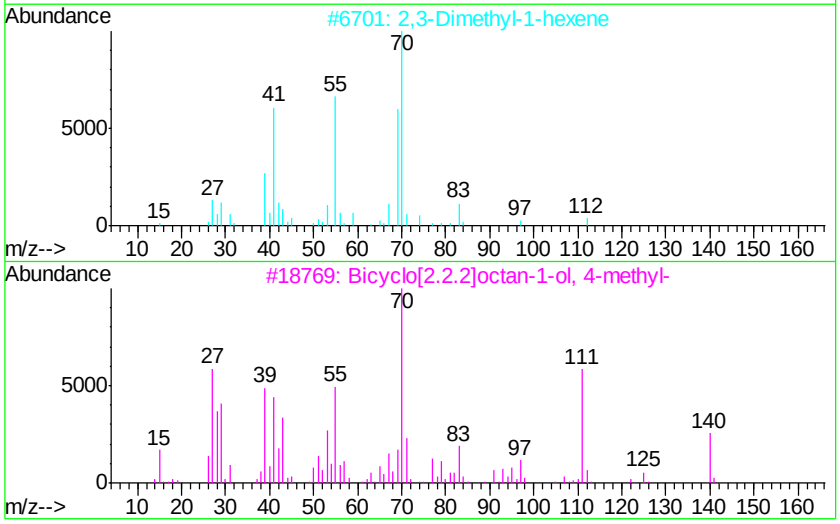
Peak Number 11 unknown-02 Concentration Rank 32

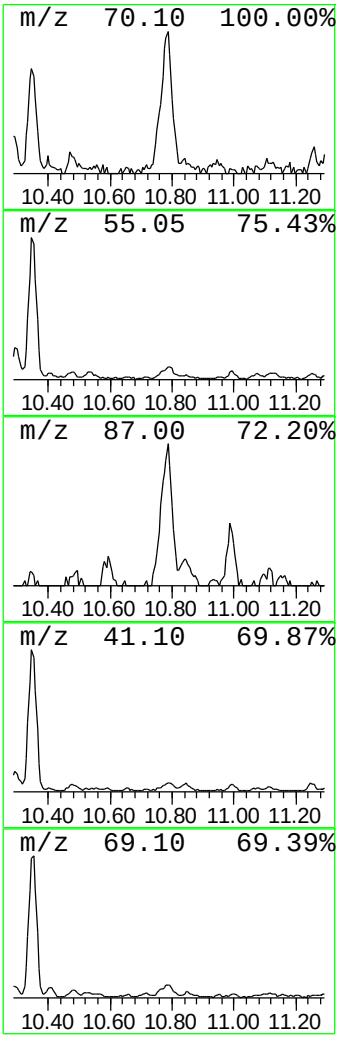
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	9.09 ng/ul	151436	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethyl-3-ethyldiaziridine	100	C5H12N2	211568-96-6	27
2	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	25
3	Bicyclo[2.2.2]octan-1-ol, 4-methyl-	140	C9H16O	000824-13-5	25
4	2,6-Nonadienal, (E,E)-	138	C9H14O	017587-33-6	22
5	1-(2-Methylallyl)azetidine	111	C7H13N	1000194-99-1	22









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Misc :
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Instrument : BNA_G
ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

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

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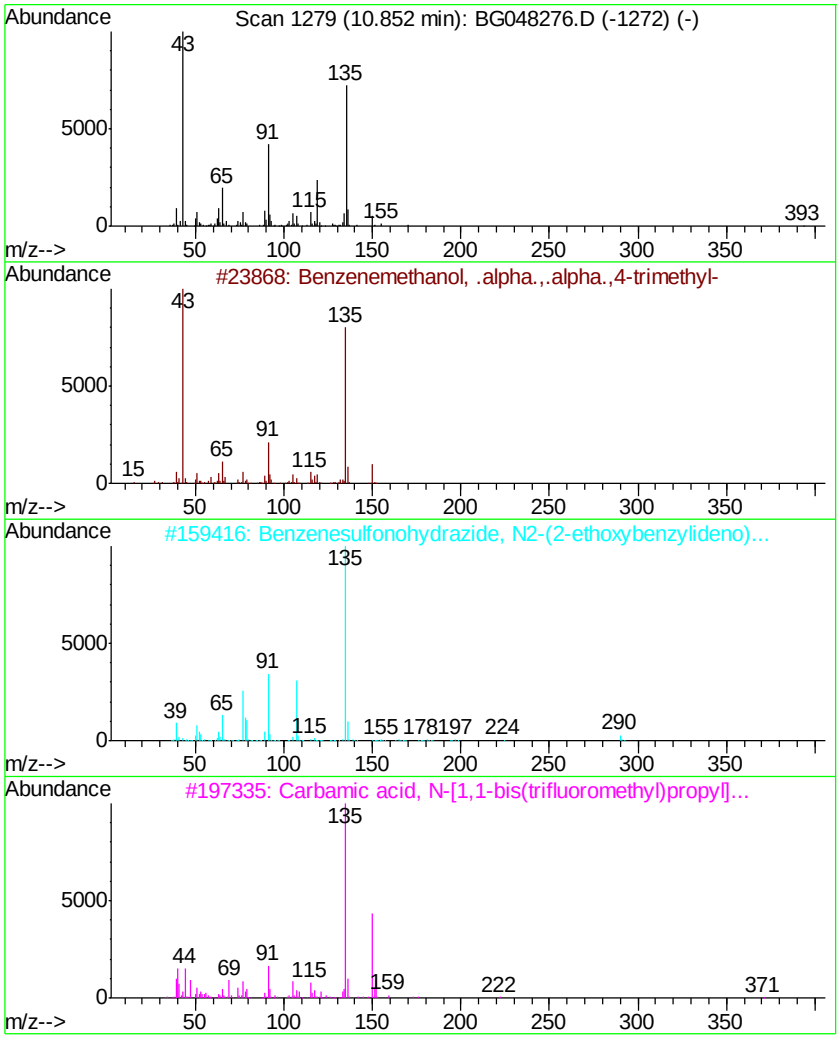
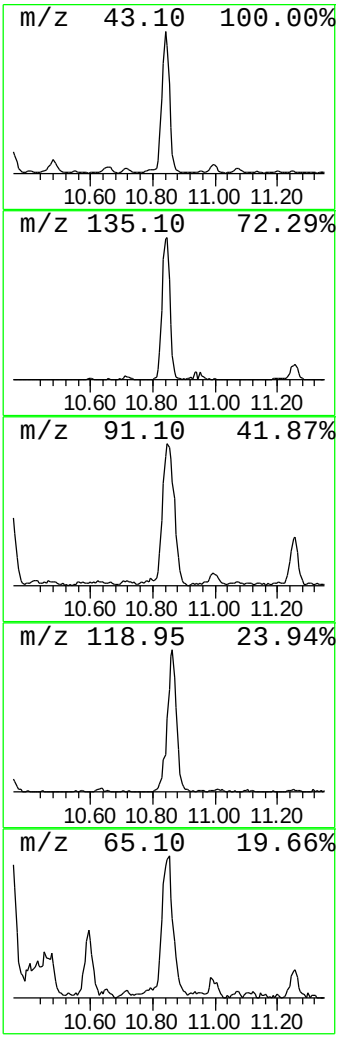
Peak Number 12 Benzenemethanol, .alpha.,.a... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	40.84 ng/ul	680275	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,.alpha....	150	C10H14O	001197-01-9	78
2	Benzenesulfonohydrazide, N2-(2-e...	318	C16H18N2O3S	065609-76-9	47
3	Carbamic acid, N-[1,1-bis(triflu...	371	C16H19F6NO2	294876-60-1	43
4	p-Methoxybenzoic acid, 5-fluoro-...	291	C14H10FNO5	1000292-65-3	43
5	Benzenemethanol, .alpha.,.alpha....	150	C10H14O	001197-01-9	43





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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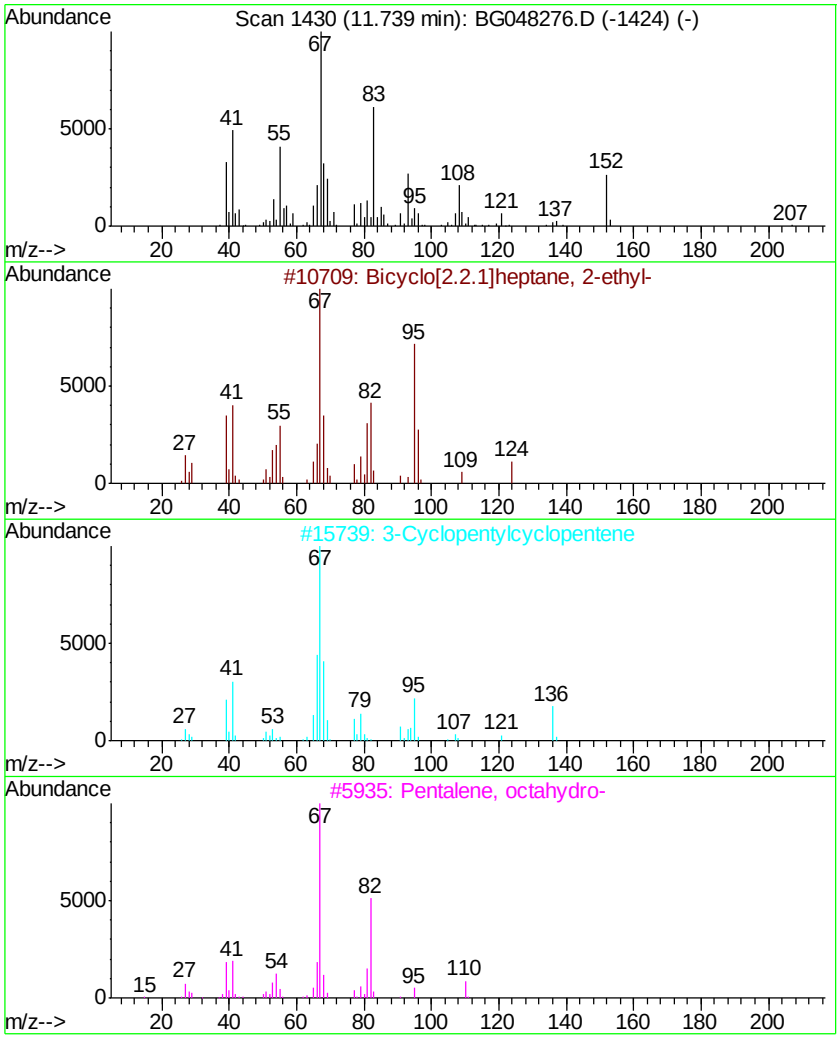
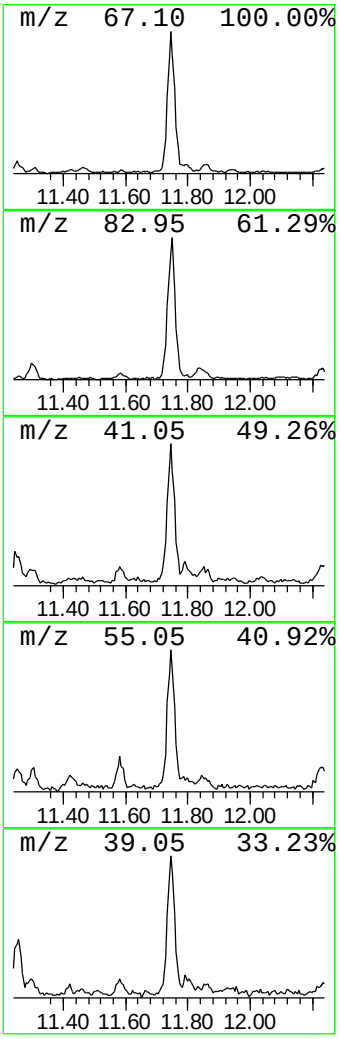
Peak Number 14 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	26.45 ng/ul	440550	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	38
2	3-Cyclopentylcyclopentene	136	C10H16	002690-17-7	38
3	Pentalene, octahydro-	110	C8H14	000694-72-4	38
4	Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	38
5	Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	37





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ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

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

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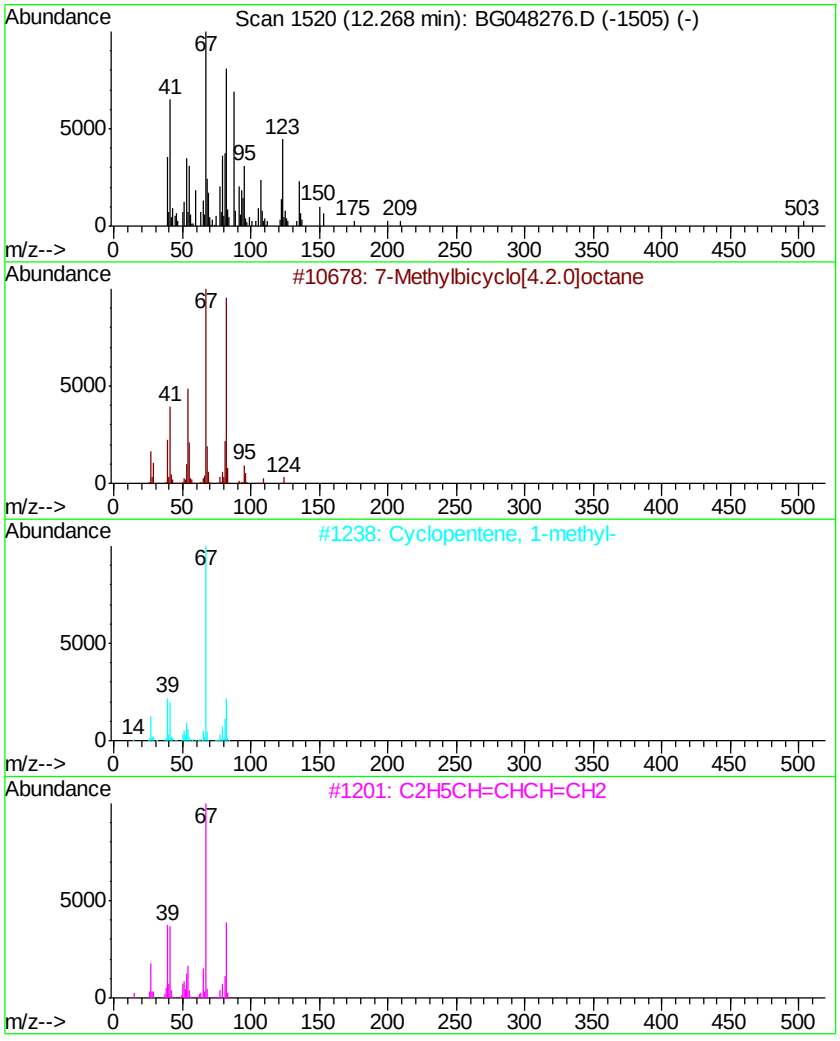
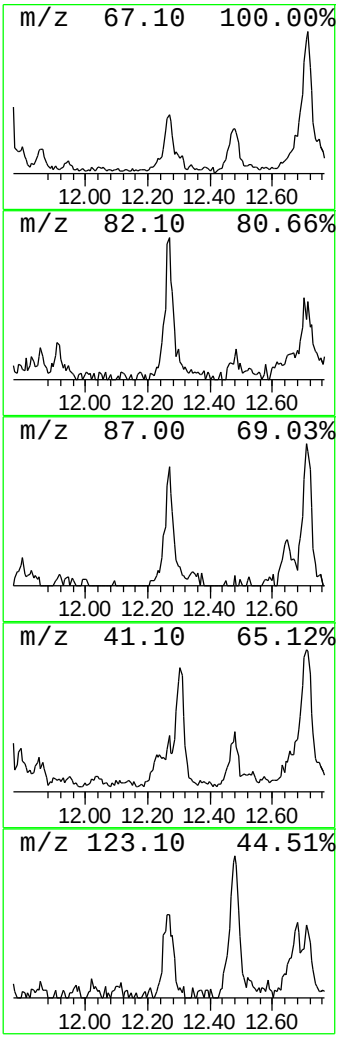
Peak Number 15 unknown-04 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	9.20 ng/ul	153182	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	43
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	43
3	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	43
4	n-Valeric acid cis-3-hexenyl ester	184	C11H20O2	035852-46-1	38
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	38





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Sample : M1429-11
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Quant Title : SVOA CALIBRATION

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

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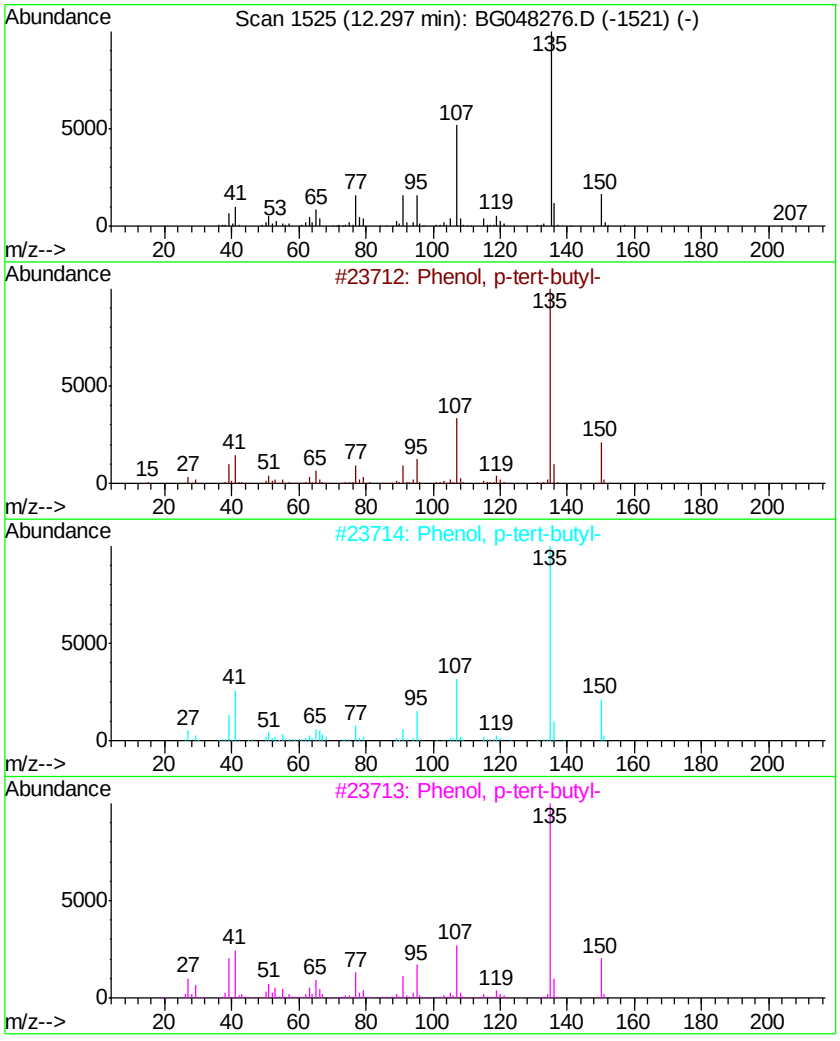
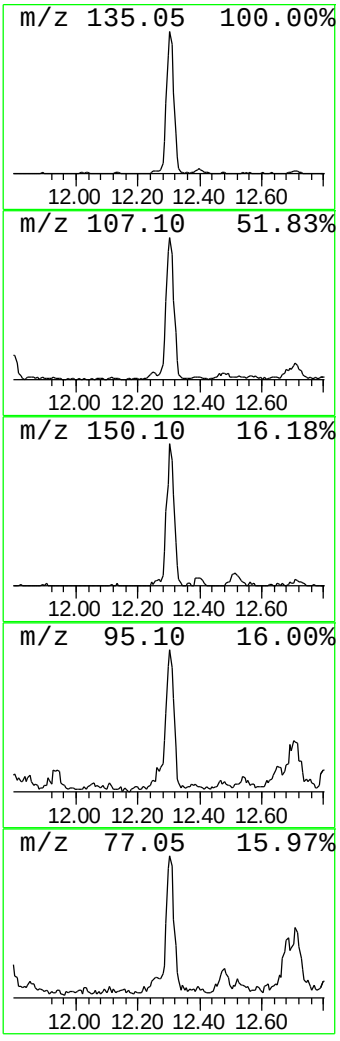
Peak Number 16 Phenol, p-tert-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	26.42 ng/ul	439998	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	81
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	81
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78





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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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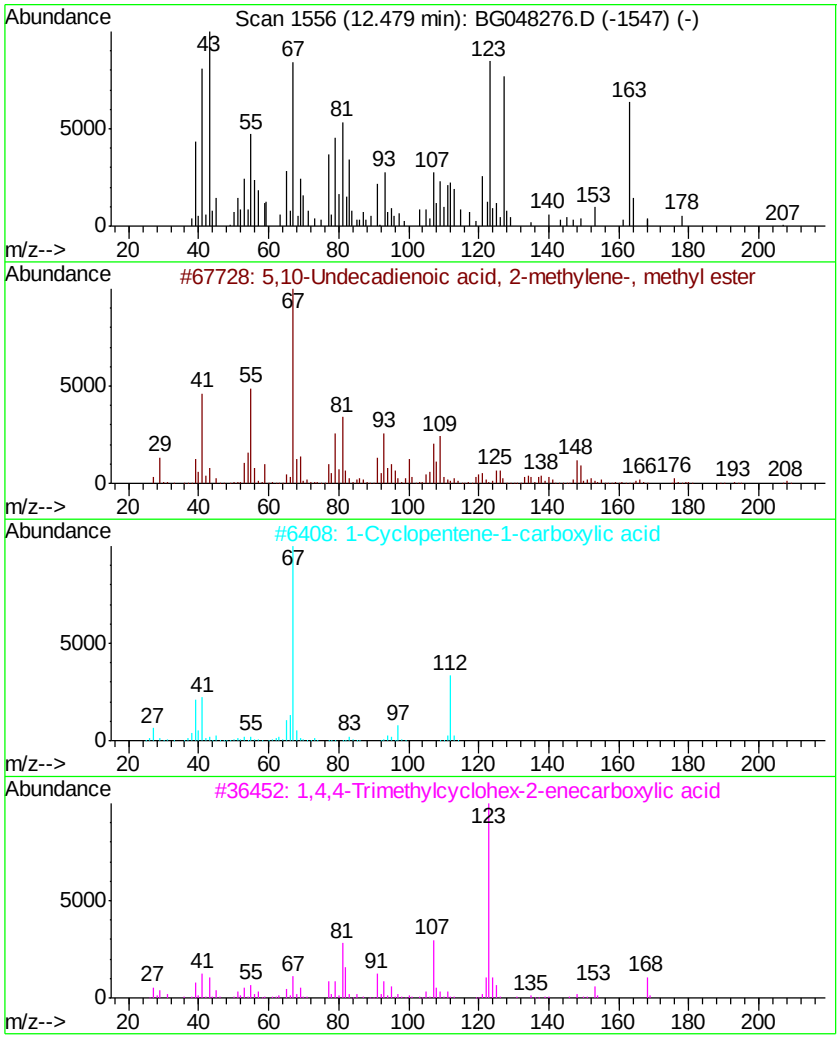
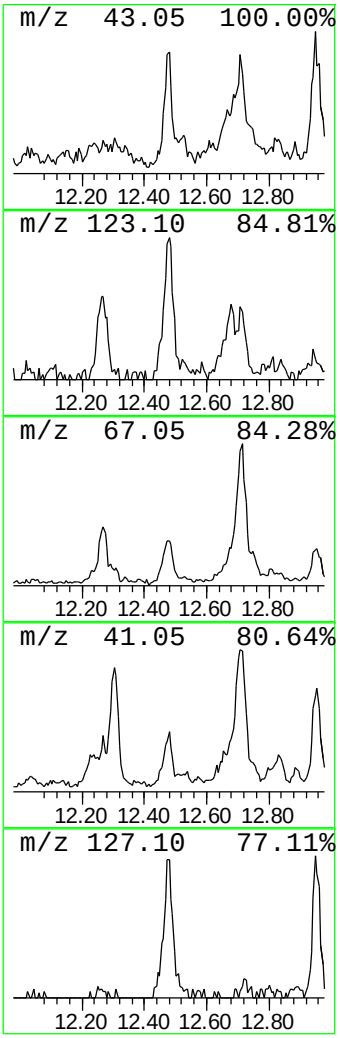
Peak Number 17 unknown-05 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	10.17 ng/ul	169444	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,10-Undecadienoic acid, 2-methy...	208	C13H20O2	051788-60-4	14
2	1-Cyclopentene-1-carboxylic acid	112	C6H8O2	001560-11-8	11
3	1,4,4-Trimethylcyclohex-2-enecar...	168	C10H16O2	103262-04-0	11
4	Thiazole, 2,4,5-trimethyl-	127	C6H9NS	013623-11-5	11
5	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	11





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Instrument : BNA_G
ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

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

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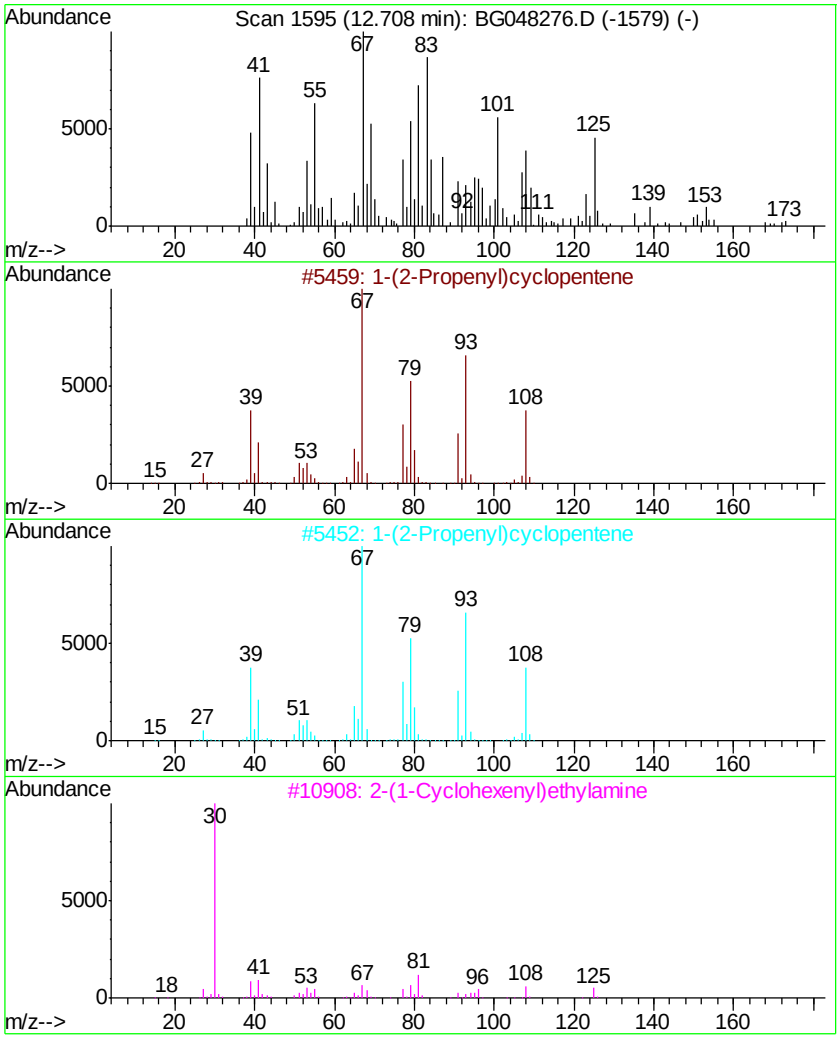
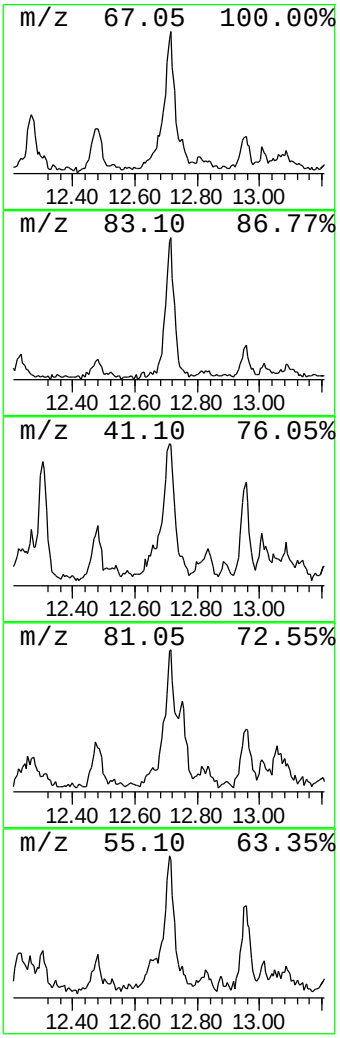
Peak Number 18 unknown-06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	38.39 ng/ul	639405	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Propenyl)cyclopentene	108	C8H12	037689-19-3	35
2	1-(2-Propenyl)cyclopentene	108	C8H12	037689-19-3	35
3	2-(1-Cyclohexenyl)ethylamine	125	C8H15N	003399-73-3	25
4	3-Dodecyne	166	C12H22	006790-27-8	14
5	Pentyl (E)-2-methylbut-2-enoate	170	C10H18O2	1000373-72-6	14





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Quant Title : SVOA CALIBRATION

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

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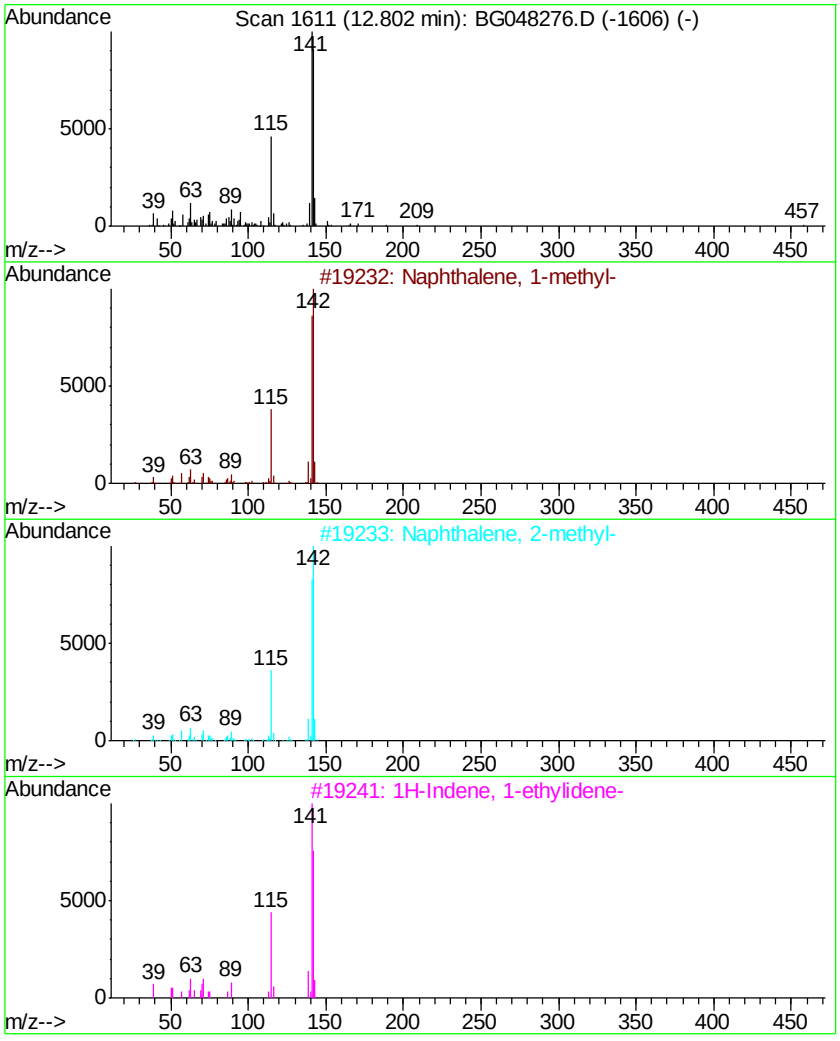
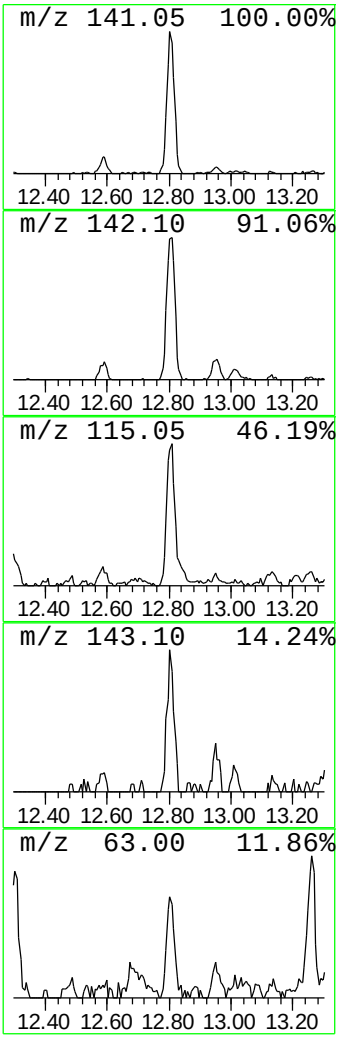
Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	13.72 ng/ul	228458	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





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Quant Title : SVOA CALIBRATION

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

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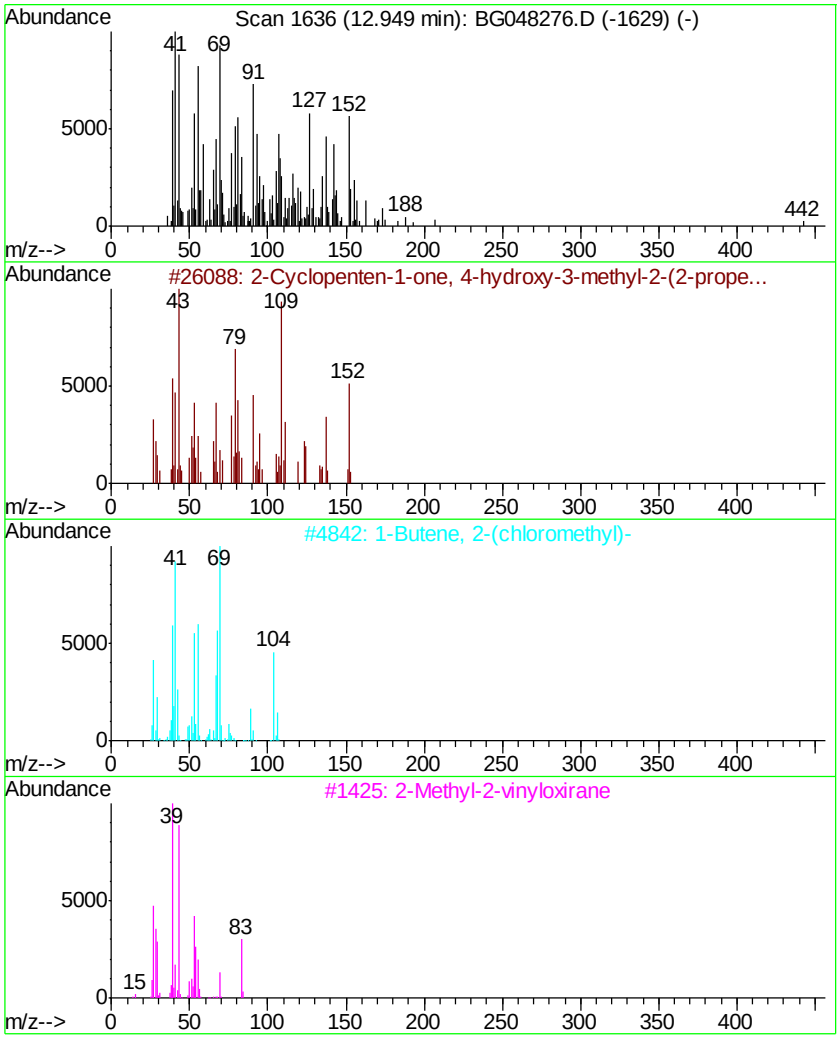
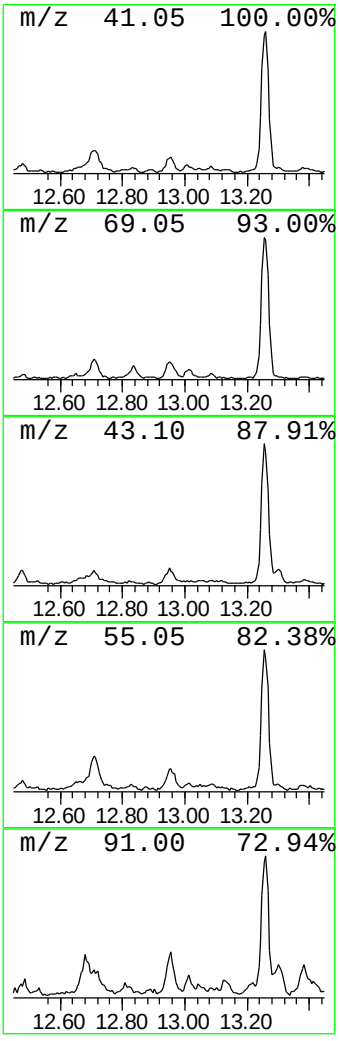
Peak Number 20 unknown-07 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	10.57 ng/ul	277141	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 4-hydroxy-3...	152	C9H12O2	000551-45-1	35
2	1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	35
3	2-Methyl-2-vinyloxirane	84	C5H8O	001838-94-4	18
4	1,5-Heptadiyne	92	C7H8	000764-56-7	18
5	2,4-Pentadienamide, N,N-diethyl-	153	C9H15NO	089546-18-9	18





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Quant Title : SVOA CALIBRATION

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

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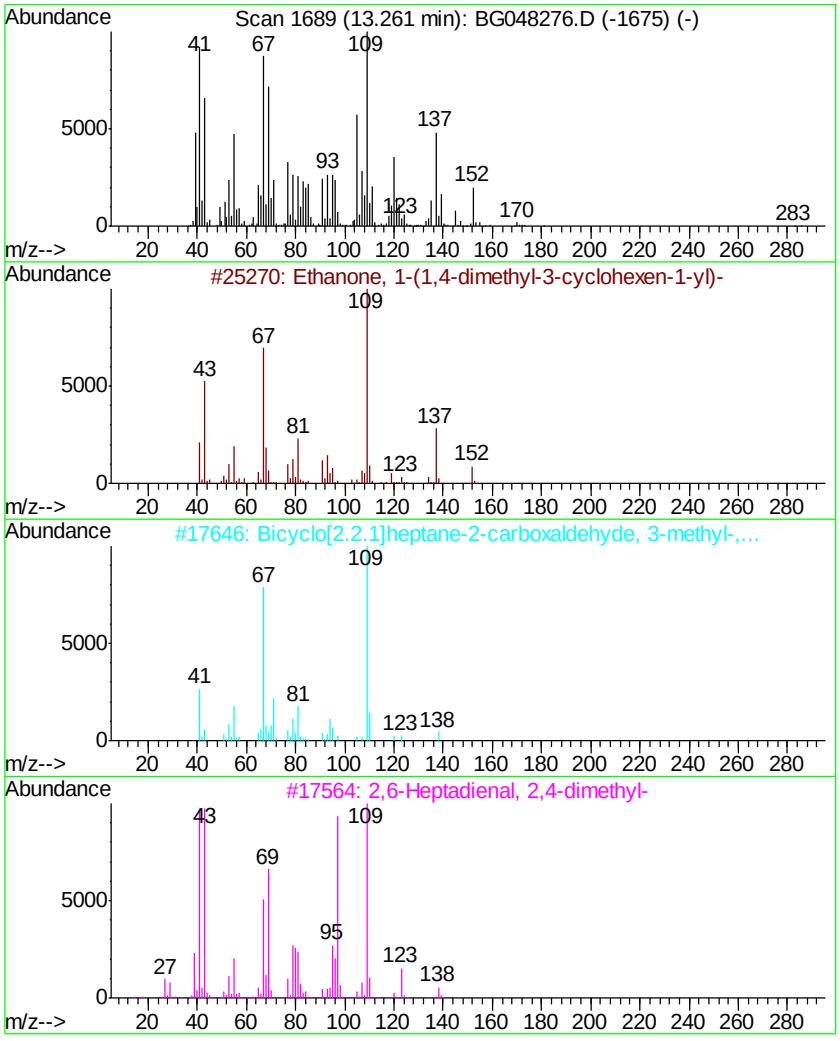
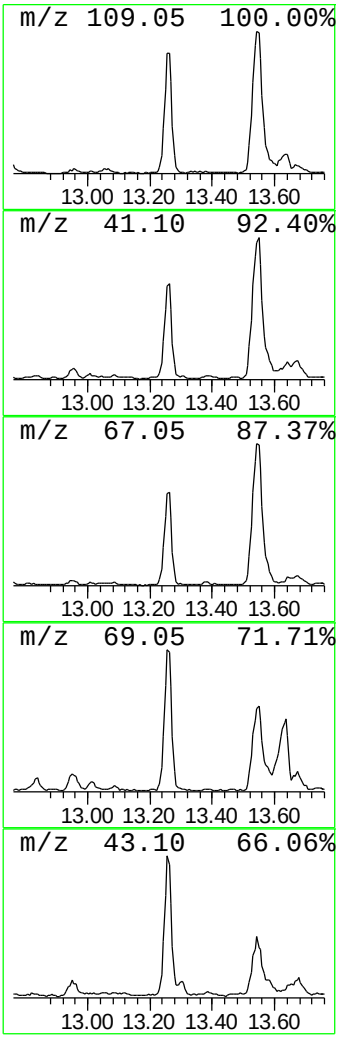
Peak Number 21 Ethanone, 1-(1,4-dimethyl-3... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	65.06 ng/ul	1705250	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	52
2	Bicyclo[2.2.1]heptane-2-carboxal...	138	C9H14O	015780-36-6	43
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	41
4	2-Cyclopentene-1-carboxylic acid...	182	C11H18O2	029915-95-5	35
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	22





Library Search Compound Report

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Data File : BG048276.D
Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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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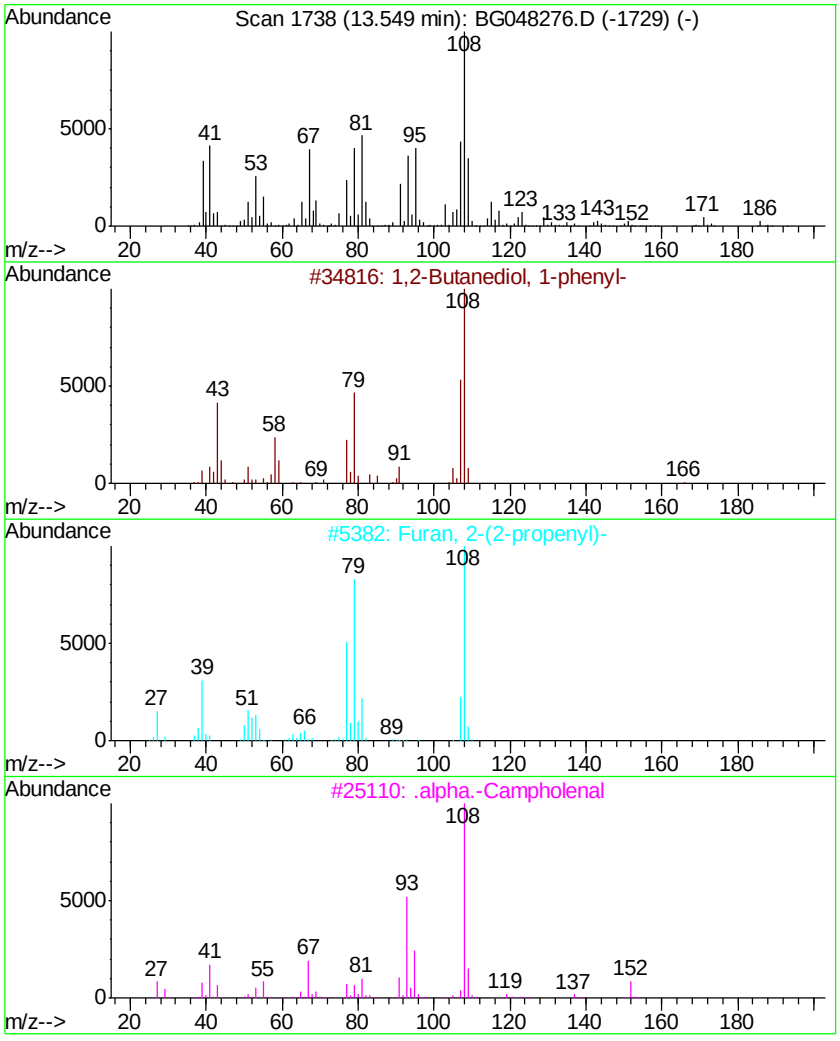
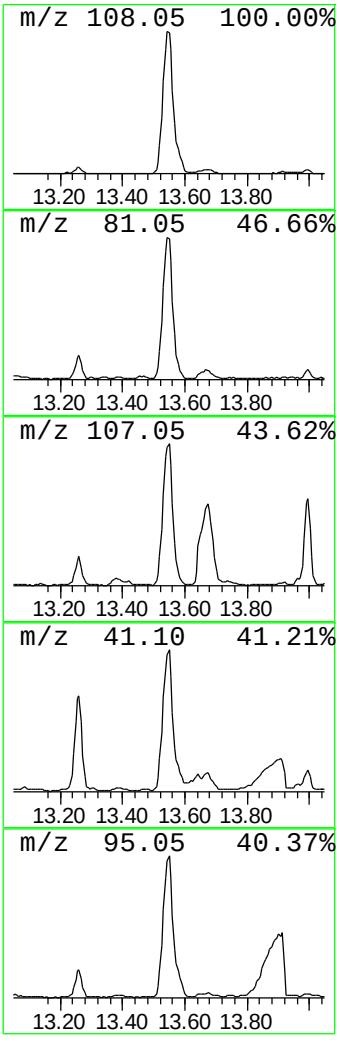
Peak Number 22 unknown-08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	161.45 ng/ul	4232090	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Butanediol, 1-phenyl-	166	C10H14O2	022607-13-2	43
2	Furan, 2-(2-propenyl)-	108	C7H8O	075135-41-0	38
3	.alpha.-Campholenal	152	C10H16O	004501-58-0	37
4	1,7,7-Trimethylbicyclo[2.2.1]hep...	150	C10H14O	022516-10-5	35
5	2-(2-Hydroxyethylamino)pyrimidine	139	C6H9N3O	001742-25-2	35





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Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

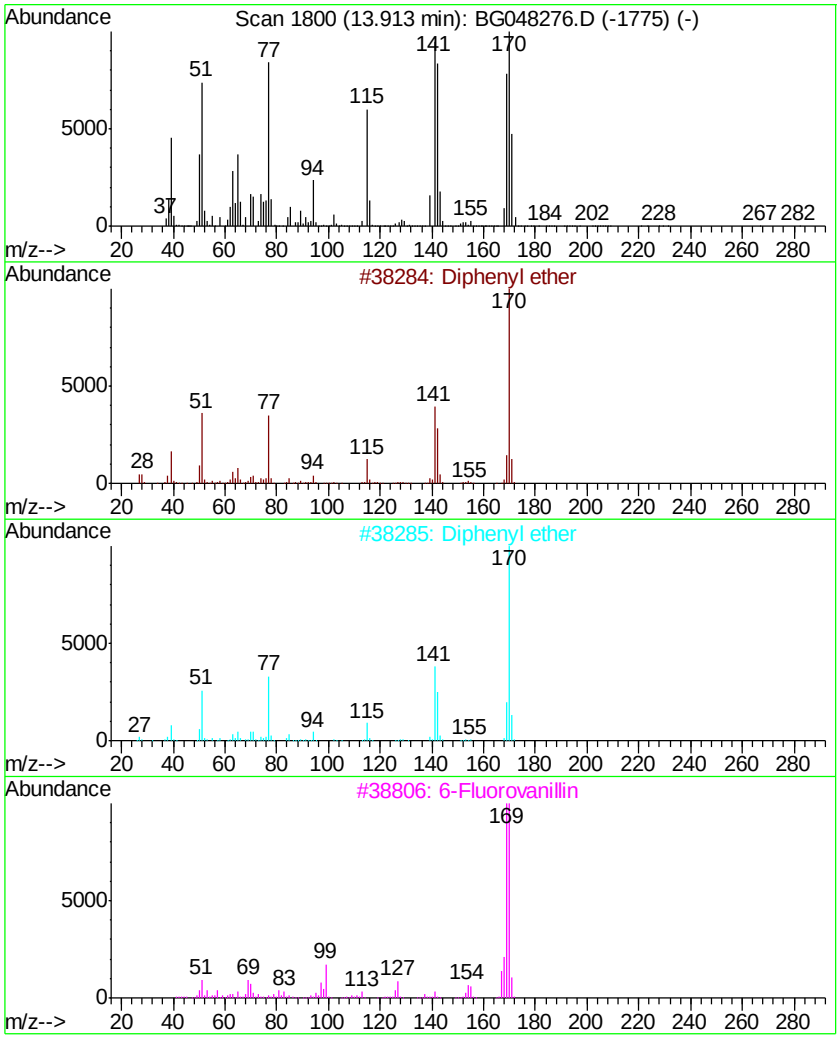
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

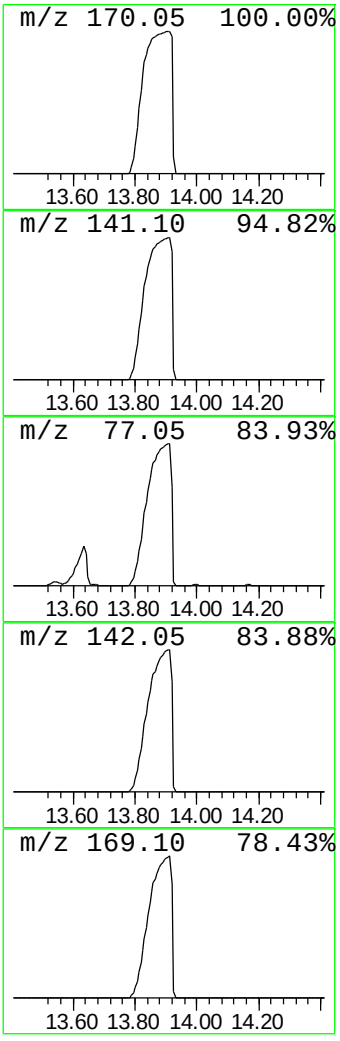
****

Peak Number 23 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	5225.33 ng/ul	136968000	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	64
2	Diphenyl ether	170	C12H10O	000101-84-8	59
3	6-Fluorovanillin	170	C8H7FO3	079418-77-2	43
4	.alpha.-Benzamido-2-hydroxycinna...	283	C16H13NO4	1000223-61-7	35
5	Acetonitrile, 2-(3-cyanophenyl)-	142	C9H6N2	016532-78-8	25





Library Search Compound Report

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Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

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

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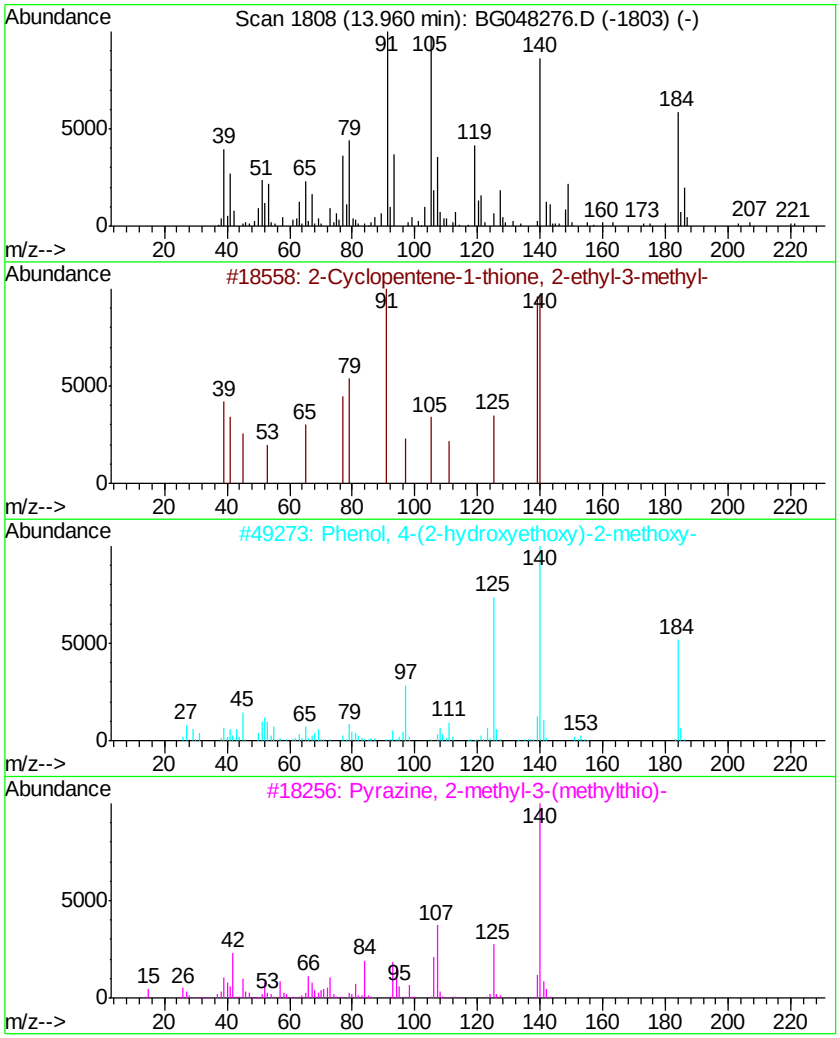
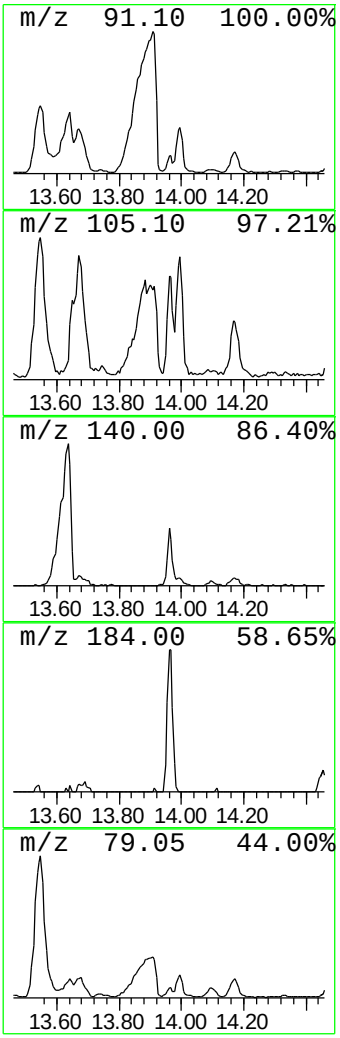
Peak Number 24 unknown-09 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	9.54 ng/ul	250158	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopentene-1-thione, 2-ethyl...	140	C8H12S	038693-67-3	42
2	Phenol, 4-(2-hydroxyethoxy)-2-me...	184	C9H12O4	003556-03-4	30
3	Pyrazine, 2-methyl-3-(methylthio)-	140	C6H8N2S	002882-20-4	22
4	Benzene, (methylsulfinyl)-	140	C7H8OS	001193-82-4	14
5	Benzenemethanol, .alpha.-phenyl-	184	C13H12O	000091-01-0	14





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Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

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

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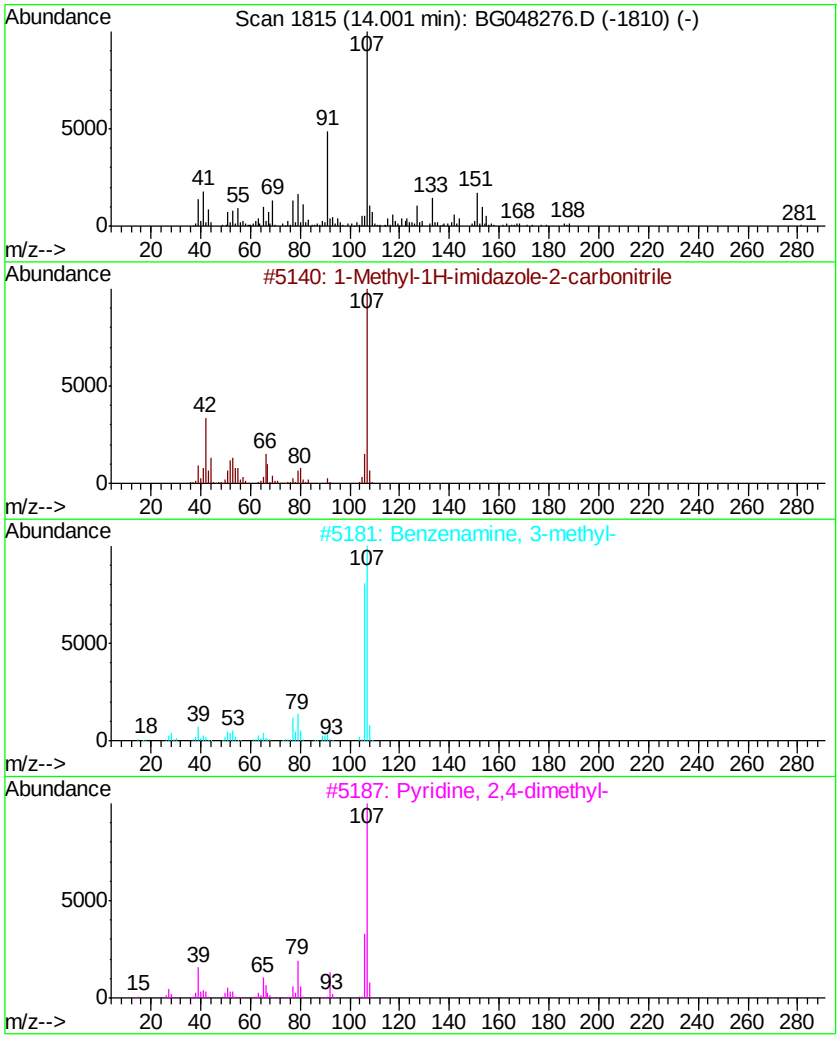
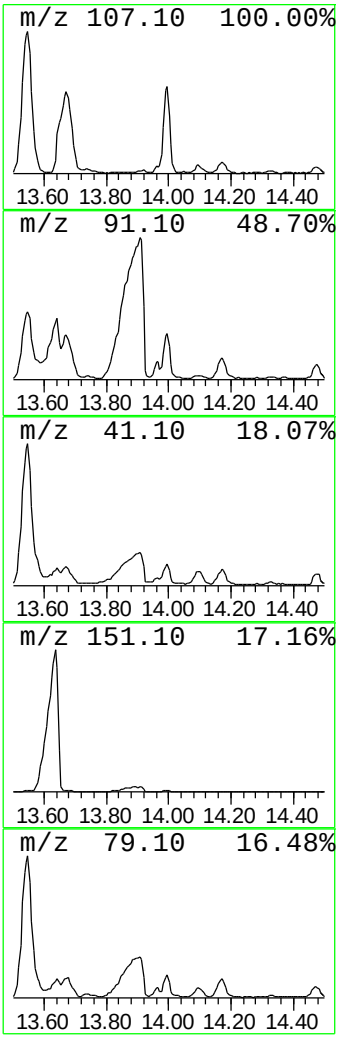
Peak Number 25 1-Methyl-1H-imidazole-2-car... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	23.60 ng/ul	618661	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1H-imidazole-2-carbonit...	107	C5H5N3	1000306-60-1	52
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	52
3	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	52
4	o-Toluidine	107	C7H9N	000095-53-4	52
5	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	52





Library Search Compound Report

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Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

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

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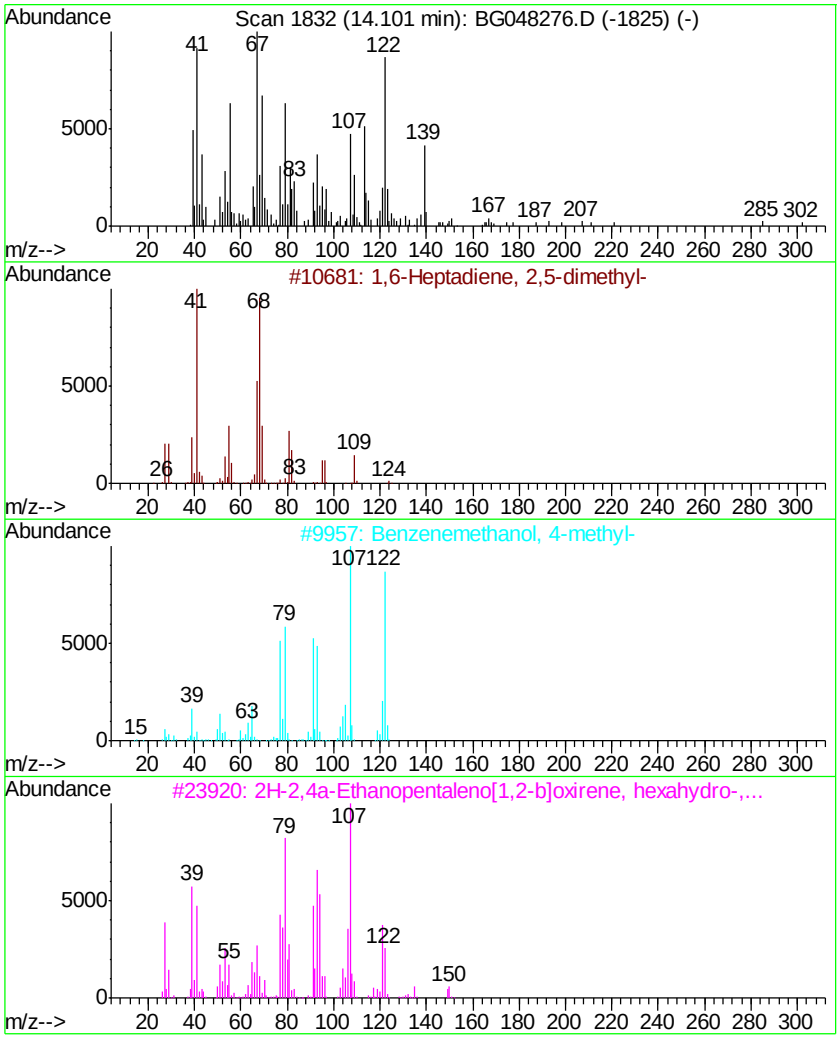
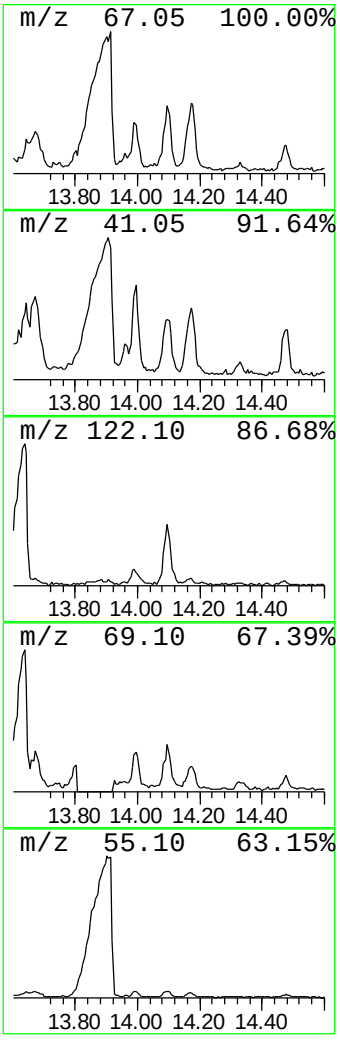
Peak Number 26 unknown-10 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	11.28 ng/ul	295602	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Heptadiene, 2,5-dimethyl-	124	C9H16	068701-90-6	38
2	Benzenemethanol, 4-methyl-	122	C8H10O	000589-18-4	30
3	2H-2,4a-Ethanopentaleno[1,2-blox...	150	C10H14O	117221-81-5	25
4	1,3-Cyclopentadiene, 5,5-dimethy...	122	C9H14	1000162-25-6	25
5	(Z,Z)-3,6-Nonadienal	138	C9H14O	021944-83-2	20





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Misc :
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Instrument : BNA_G
ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

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

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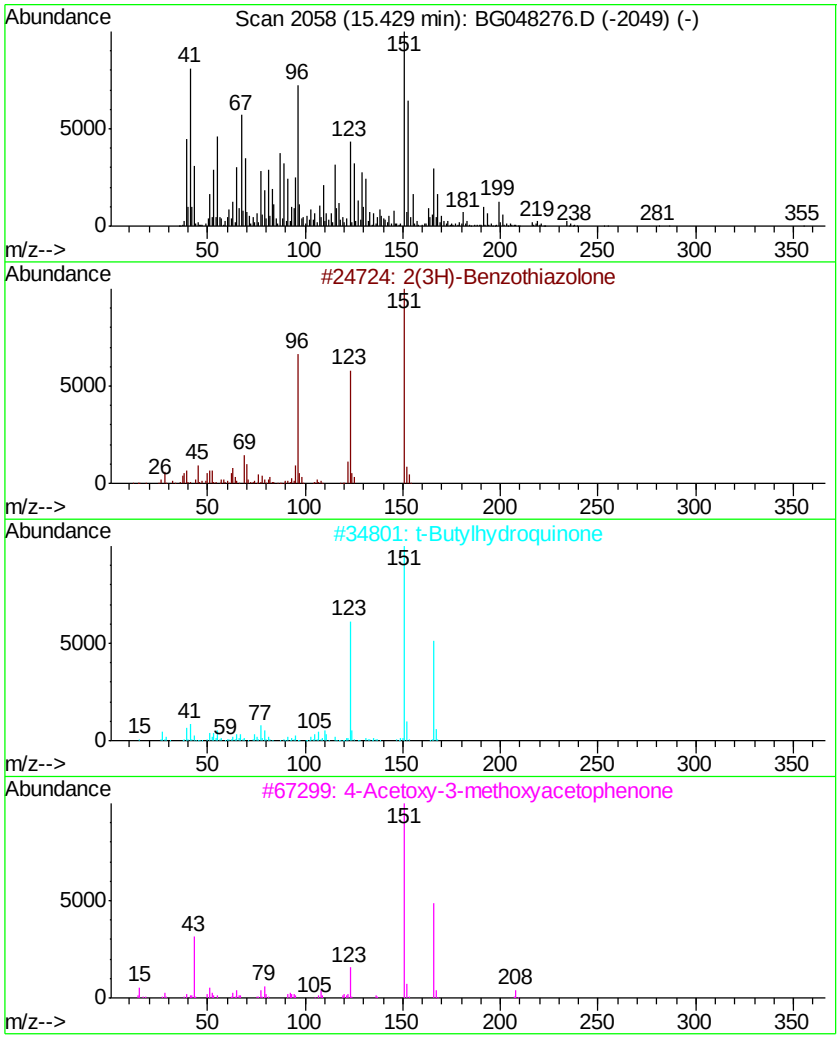
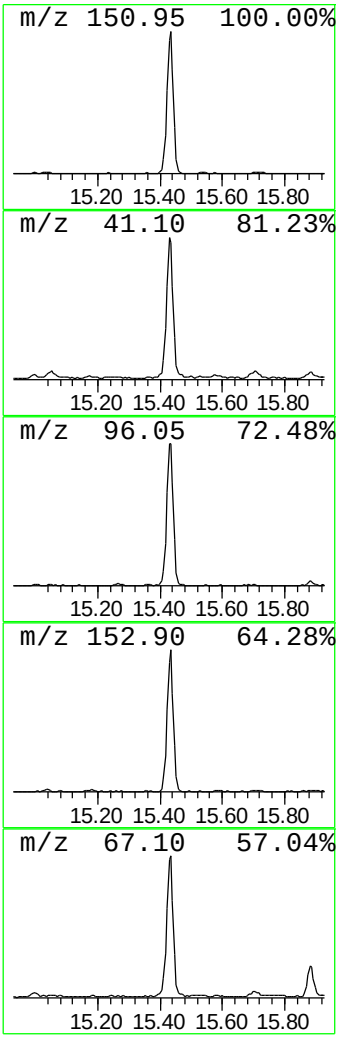
Peak Number 28 unknown-11 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	114.58 ng/ul	3003470	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	41
2	t-Butylhydroquinone	166	C10H14O2	001948-33-0	30
3	4-Acetoxy-3-methoxyacetophenone	208	C11H12O4	054771-60-7	27
4	p-tert-Butyl catechol	166	C10H14O2	000098-29-3	25
5	Ethanone, 1-[4-(methylthio)phenyl]-	166	C9H10OS	001778-09-2	22





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Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

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

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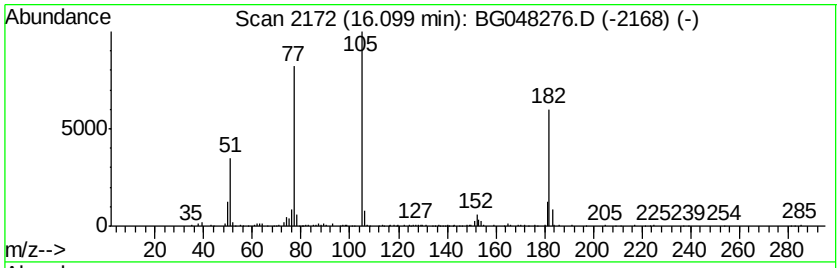
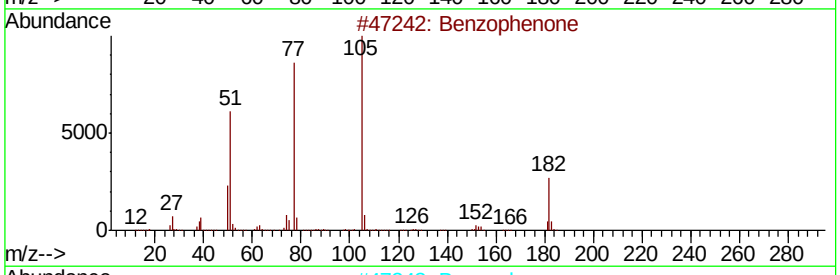
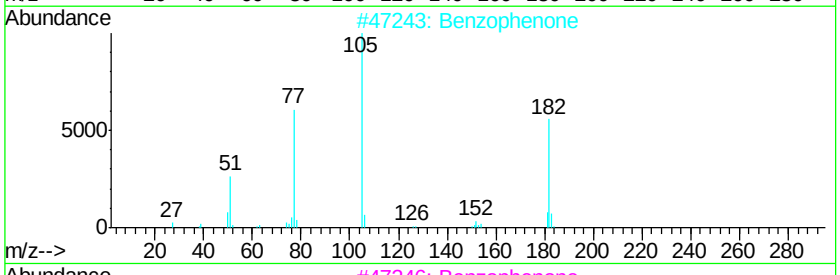
Peak Number 29 Benzophenone Concentration Rank 22

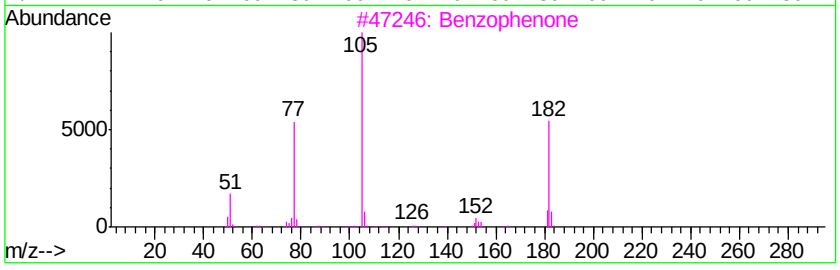
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	15.52 ng/ul	406795	Acenaphthene-d10	14.76

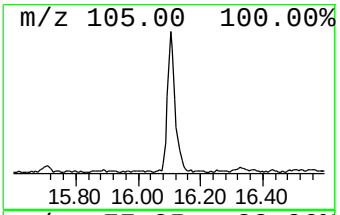
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91

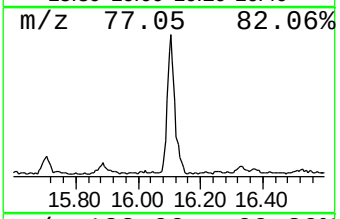


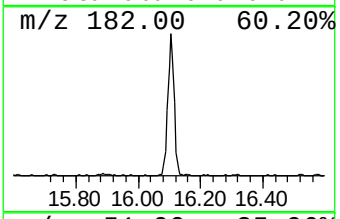


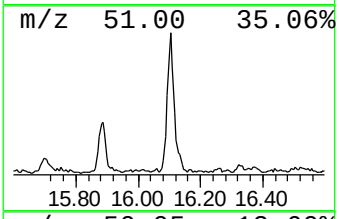


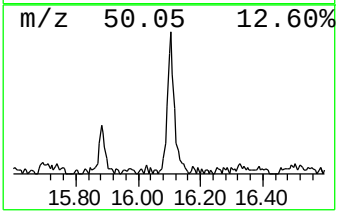












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Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

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

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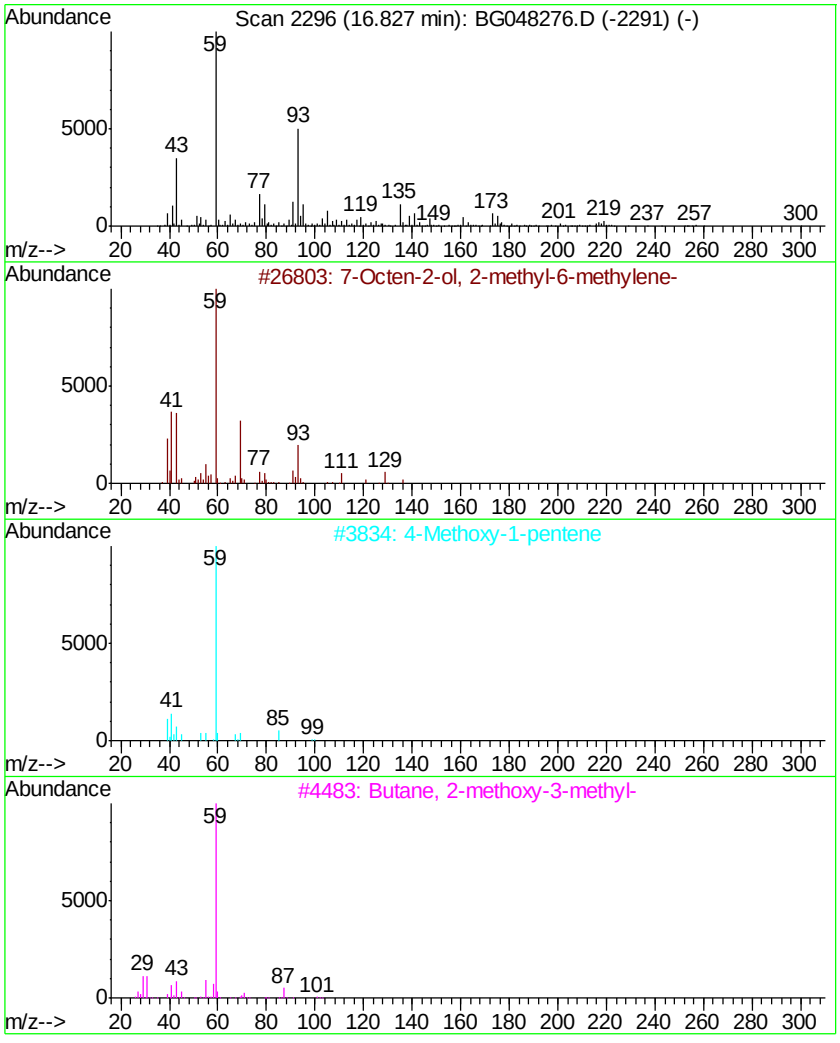
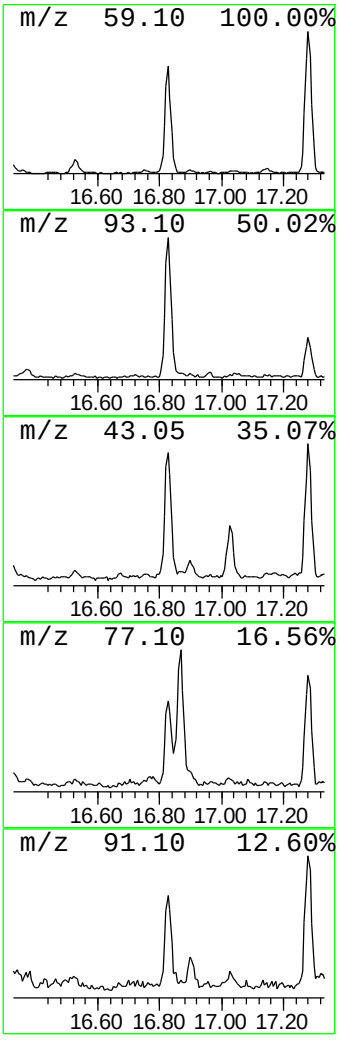
Peak Number 31 unknown-12 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	21.06 ng/ul	622961	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2-methyl-6-methylene-	154	C10H18O	000543-39-5	38
2	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	35
3	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	35
4	Carbonic acid, 2,3-dichlorophenyl...	264	C10H10Cl2O4	1000331-46-9	32
5	4-Chloro-N-(2-hydroxypropionyl)-...	277	C10H12ClNO4S	1000374-38-1	32





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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Quant Title : SVOA CALIBRATION

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

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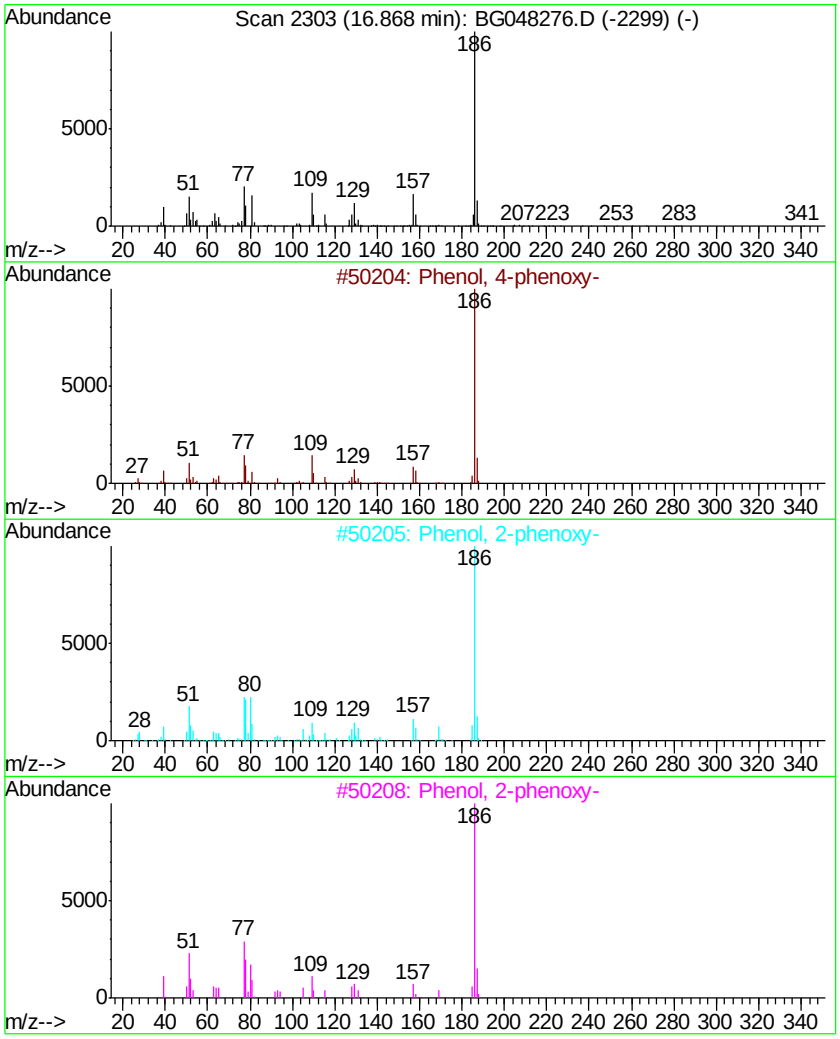
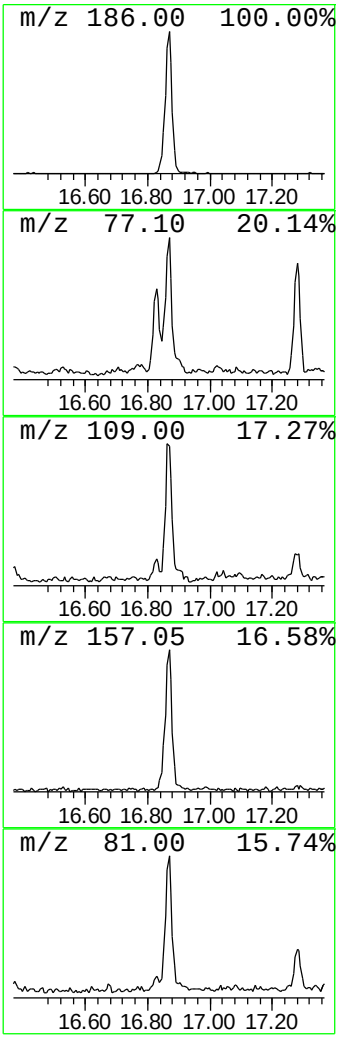
Peak Number 32 Phenol, 4-phenoxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	21.95 ng/ul	649331	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	94
2	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	91
3	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	87
4	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	87
5	1,4-Naphthalenedione, 2,3-dimethyl-	186	C12H10O2	002197-57-1	64





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Data File : BG048276.D
Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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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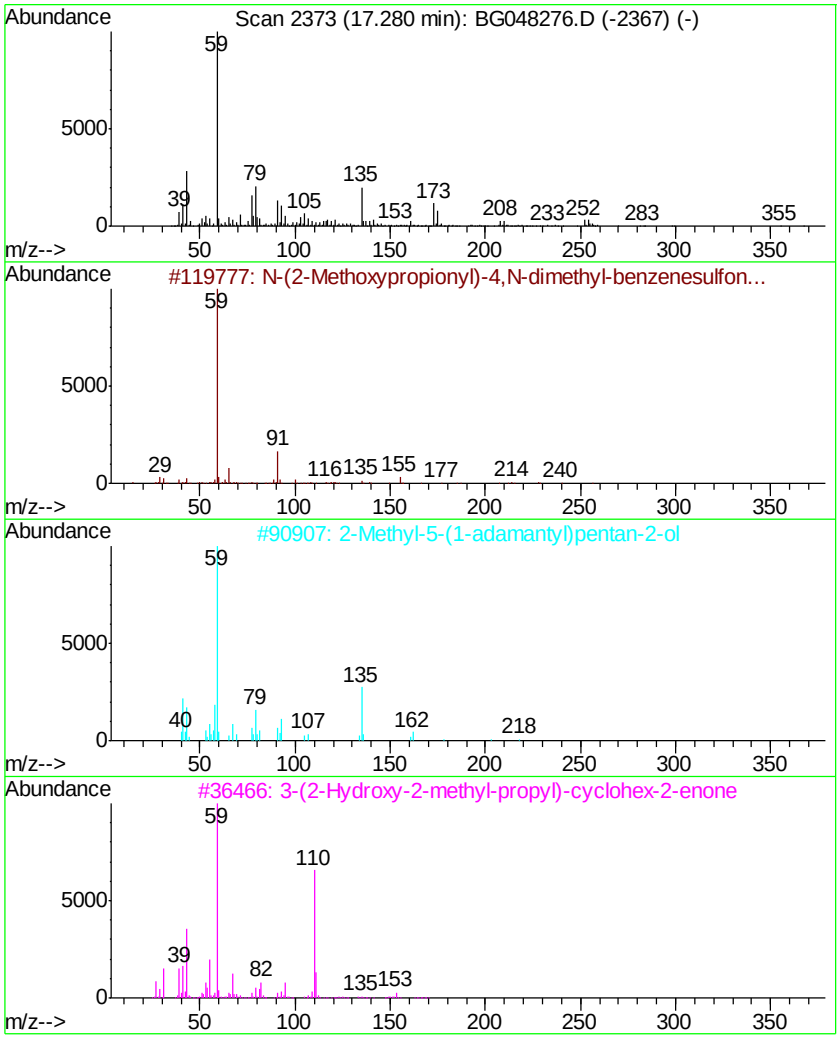
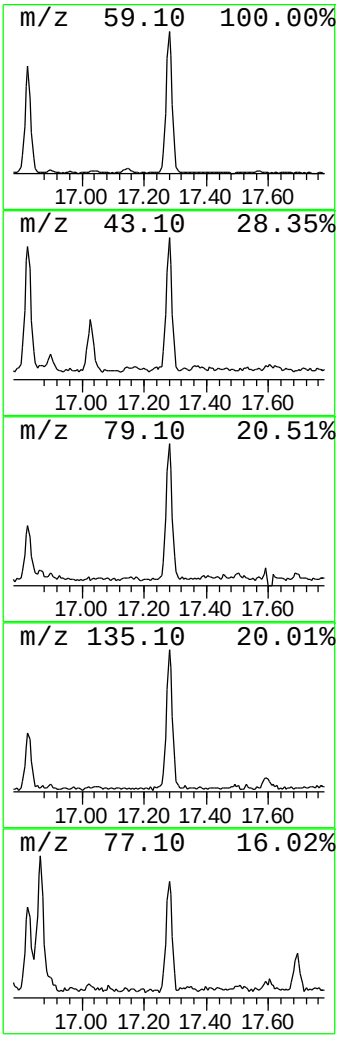
Peak Number 33 unknown-13 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	26.07 ng/ul	771210	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Methoxypropionyl)-4,N-dimet...	271	C12H17NO4S	1000374-39-9	43
2	2-Methyl-5-(1-adamantyl)pentan-2-ol	236	C16H28O	095477-25-1	39
3	3-(2-Hydroxy-2-methyl-propyl)-cy...	168	C10H16O2	1000185-60-2	38
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	38
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048276.D
Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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

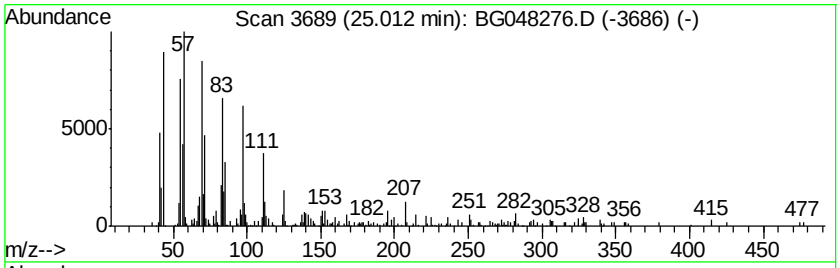
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

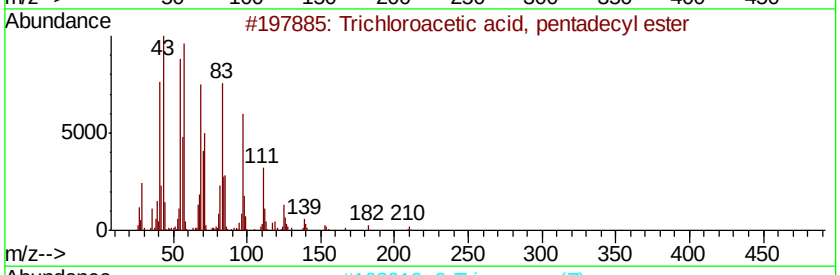
****

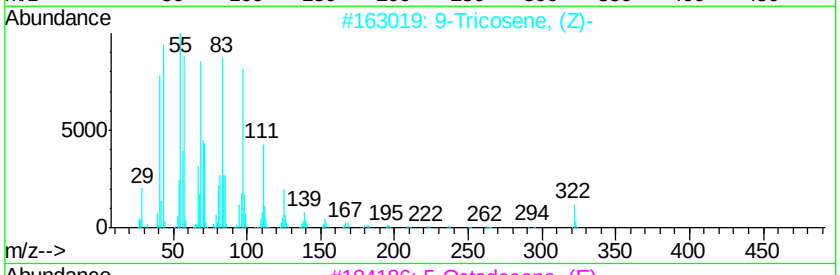
Peak Number 37 Trichloroacetic acid, penta... Concentration Rank 21

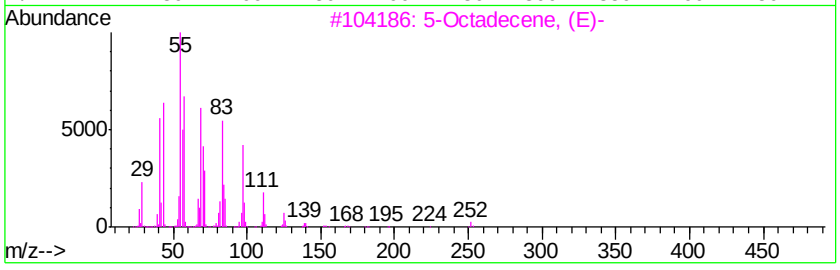
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.01	20.00 ng/ul	307587	Perylene-d12	25.09

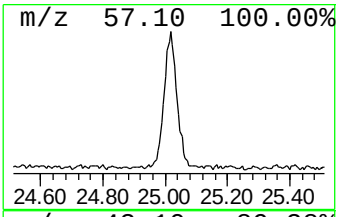
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	83
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	81
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	78
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70

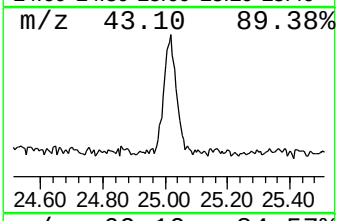


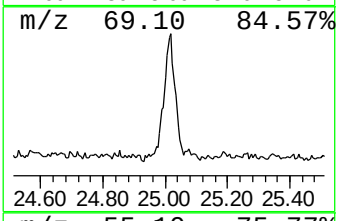


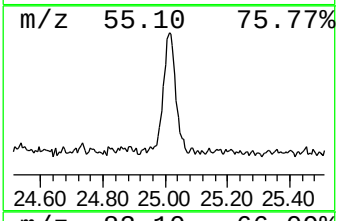


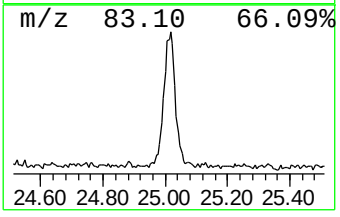












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022221\
Data File : BG048276.D
Acq On : 22 Feb 2021 20:06
Operator : CG/JU
Sample : M1429-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS3

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
Toluene	4.27	25.1	ng/ul	319486	1	8.12	254477	20.0
Benzene, chloro-	5.42	104.9	ng/ul	1334490	1	8.12	254477	20.0
2-Propanol, 1-but...	6.75	12.2	ng/ul	154919	1	8.12	254477	20.0
Eucalyptol	8.42	23.7	ng/ul	301759	1	8.12	254477	20.0
unknown-01	8.88	25.1	ng/ul	319263	1	8.12	254477	20.0
Bicyclo[2.2.1]hep...	9.37	61.6	ng/ul	784107	1	8.12	254477	20.0
2-Hydroxy-iso-but...	10.30	40.7	ng/ul	677460	2	10.94	333140	20.0
Bicyclo[2.2.1]hep...	10.35	108.7	ng/ul	1810830	2	10.94	333140	20.0
Benzoic acid, sil...	10.48	30.0	ng/ul	499395	2	10.94	333140	20.0
unknown-02	10.79	9.1	ng/ul	151436	2	10.94	333140	20.0
Benzenemethanol, ...	10.85	40.8	ng/ul	680275	2	10.94	333140	20.0
unknown-03	11.74	26.4	ng/ul	440550	2	10.94	333140	20.0
unknown-04	12.27	9.2	ng/ul	153182	2	10.94	333140	20.0
Phenol, p-tert-bu...	12.30	26.4	ng/ul	439998	2	10.94	333140	20.0
unknown-05	12.48	10.2	ng/ul	169444	2	10.94	333140	20.0
unknown-06	12.71	38.4	ng/ul	639405	2	10.94	333140	20.0
Naphthalene, 1-me...	12.80	13.7	ng/ul	228458	2	10.94	333140	20.0
unknown-07	12.95	10.6	ng/ul	277141	3	14.76	524246	20.0
Ethanone, 1-(1,4-...	13.26	65.1	ng/ul	1705250	3	14.76	524246	20.0
unknown-08	13.55	161.4	ng/ul	4232090	3	14.76	524246	20.0
Diphenyl ether	13.91	5225.3	ng/ul	136968000	3	14.76	524246	20.0
unknown-09	13.96	9.5	ng/ul	250158	3	14.76	524246	20.0
1-Methyl-1H-imida...	14.00	23.6	ng/ul	618661	3	14.76	524246	20.0
unknown-10	14.10	11.3	ng/ul	295602	3	14.76	524246	20.0
unknown-11	15.43	114.6	ng/ul	3003470	3	14.76	524246	20.0
Benzophenone	16.10	15.5	ng/ul	406795	3	14.76	524246	20.0
unknown-12	16.83	21.1	ng/ul	622961	4	17.50	591698	20.0
Phenol, 4-phenoxy-	16.87	21.9	ng/ul	649331	4	17.50	591698	20.0
unknown-13	17.28	26.1	ng/ul	771210	4	17.50	591698	20.0
Trichloroacetic a...	25.01	20.0	ng/ul	307587	6	25.09	307587	20.0