LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048277.D
Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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	3.867	82	90	99	rBV	63898	105422	0.10%	0.060%
2	7.369	675	686	695	rBV2	218223	522591	0.50%	0.299%
3	7.451	695	700	707	rVB	124785	214780	0.21%	0.123%
4	7.674	730	738	750	rVB	183243	328338	0.32%	0.188%
5	8.121	809	814	820	rVB	171694	283946	0.27%	0.162%
6	8.884	938	944	952	rBV	145720	264712	0.25%	0.151%
7	9.302	1009	1015	1020	rBV	185304	328822	0.32%	0.188%
8	9.366	1020	1026	1036	rVB	922076	1545117	1.49%	0.884%
9	10.024	1131	1138	1149	rBV	189673	374940	0.36%	0.214%
10	10.159	1149	1161	1166	rBV2	53388	113644	0.11%	0.065%
11	10.295	1177	1184	1187	rBV3	67591	128853	0.12%	0.074%
12	10.353	1187	1194	1202	rVB	2422050	4218491	4.06%	2.413%
13	10.477	1207	1215	1223	rVV5	80421	185564	0.18%	0.106%
14	10.588	1229	1234	1242	rVB	260248	460008	0.44%	0.263%
15	10.935	1287	1293	1298	rBV	199503	371833	0.36%	0.213%
16	10.988	1298	1302	1309	rVB	172486	295922	0.28%	0.169%
17	11.070	1309	1316	1319	rBV2	63082	116015	0.11%	0.066%
18	11.111	1319	1323	1330	rVV2	78642	138486	0.13%	0.079%
19	11.793	1433	1439	1451	rBV	205201	390341	0.38%	0.223%
20	12.304	1501	1526	1537	rBV	1413381	2579038	2.48%	1.475%
21	12.809	1606	1612	1619	rVB4	85382	187017	0.18%	0.107%
22	13.632	1734	1752	1756	rBV	16752943	40846337	39.30%	23.366%
23	13.890	1774	1796	1800	rVV	26548947	103938939	100.00%	59.459%
24	14.161	1836	1842	1847	rVB	478032	700488	0.67%	0.401%
25	14.460	1887	1893	1899	rBV	469352	753482	0.72%	0.431%
26	14.754	1937	1943	1950	rBV	348492	560409	0.54%	0.321%
27	15.036	1984	1991	2004	rBV	1546707	2411329	2.32%	1.379%
28	15.312	2032	2038	2043	rBV	306370	453270	0.44%	0.259%
29	15.741	2106	2111	2123	rBV	607960	997117	0.96%	0.570%
30	15.882	2130	2135	2140	rBV	220039	321479	0.31%	0.184%
31	16.105	2168	2173	2177	rBV	194374	341335	0.33%	0.195%
32	16.705	2270	2275	2282	rBV	227544	415567	0.40%	0.238%
33	16.775	2283	2287	2293	rVB	343844	505736	0.49%	0.289%
34	16.875	2296	2304	2319	rVB	2499778	4186488	4.03%	2.395%

LSC Area Percent Report

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Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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	17.016	2321	2328	2332	rBV6	50741	114989	0.11%	0.066%
36	17.333	2377	2382	2384	rBV3	166171	276110	0.27%	0.158%
37	17.363	2384	2387	2397	rVB2	205618	324337	0.31%	0.186%
38	17.498	2406	2410	2415	rBV	375702	561518	0.54%	0.321%
39	17.598	2422	2427	2436	rBV	664998	1121428	1.08%	0.642%
40	17.692	2439	2443	2447	rBV	254638	342667	0.33%	0.196%
41	18.115	2512	2515	2521	rVB	92356	132568	0.13%	0.076%
42	18.538	2583	2587	2596	rVB7	124195	221653	0.21%	0.127%
43	19.883	2811	2816	2821	rBV	830963	1166287	1.12%	0.667%
44	24.889	3663	3668	3679	rVB	381889	960094	0.92%	0.549%

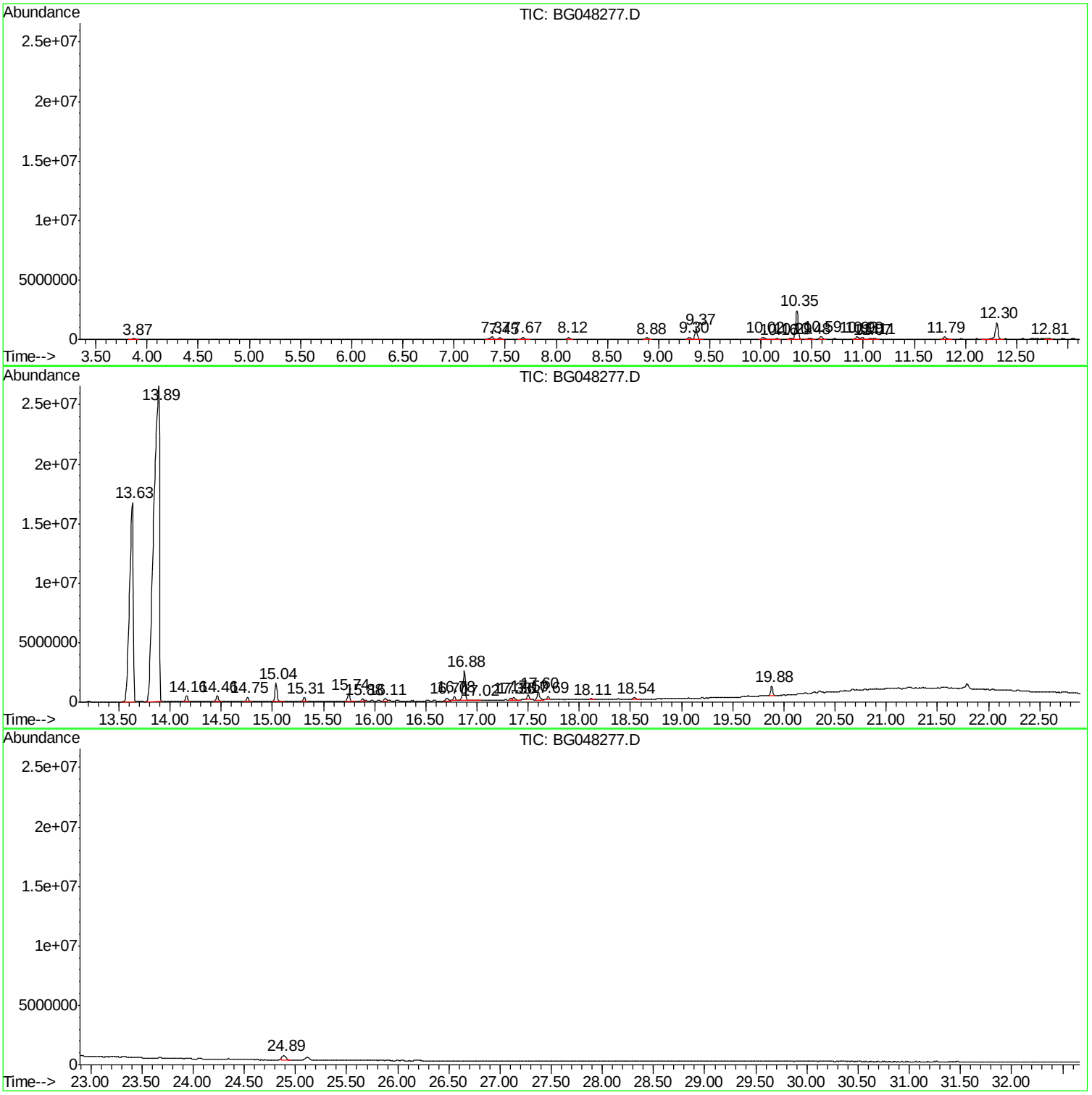
Sum of corrected areas: 174807507

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048277.D
Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBGR9

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 : BG048277.D
Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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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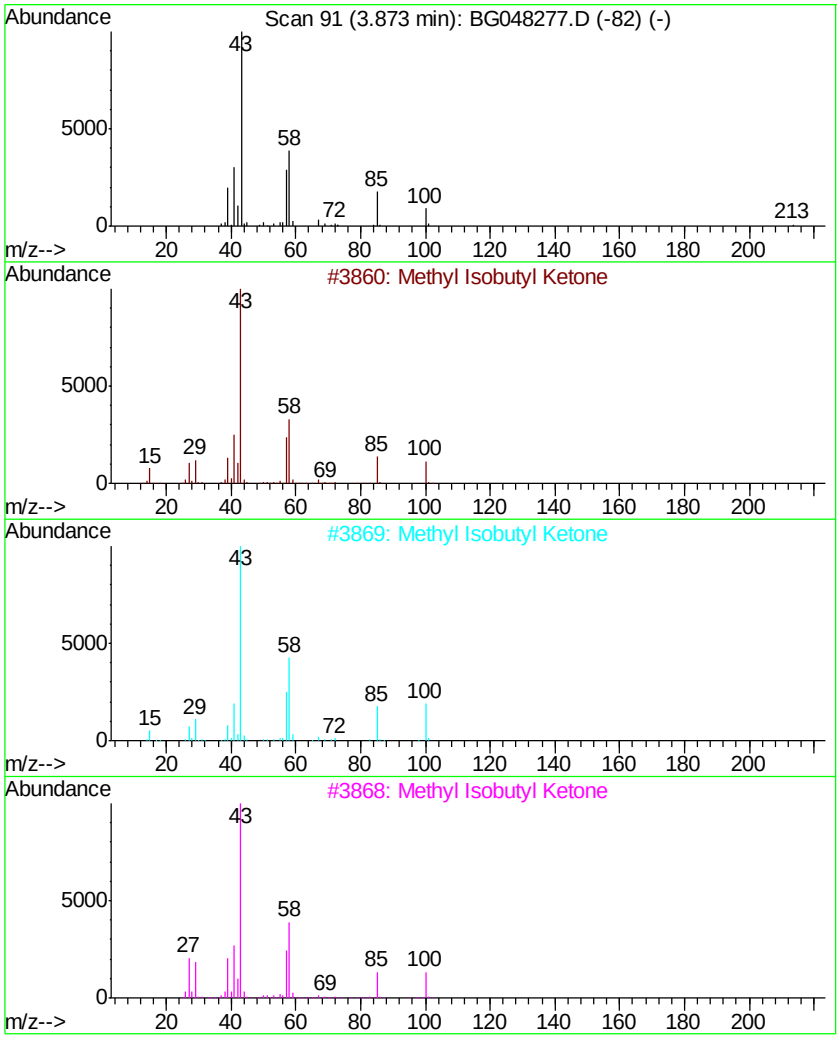
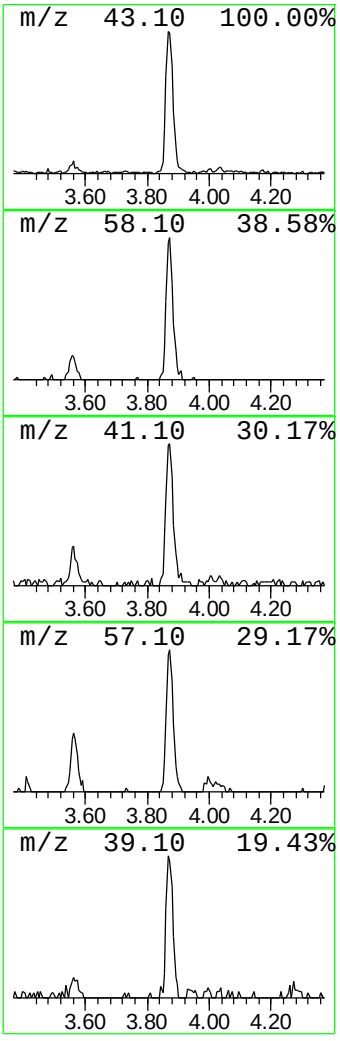
Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	7.43 ng/ul	105422	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	83
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64
4	2-Hexanone	100	C6H12O	000591-78-6	59
5	2-Hexanone	100	C6H12O	000591-78-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048277.D
Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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

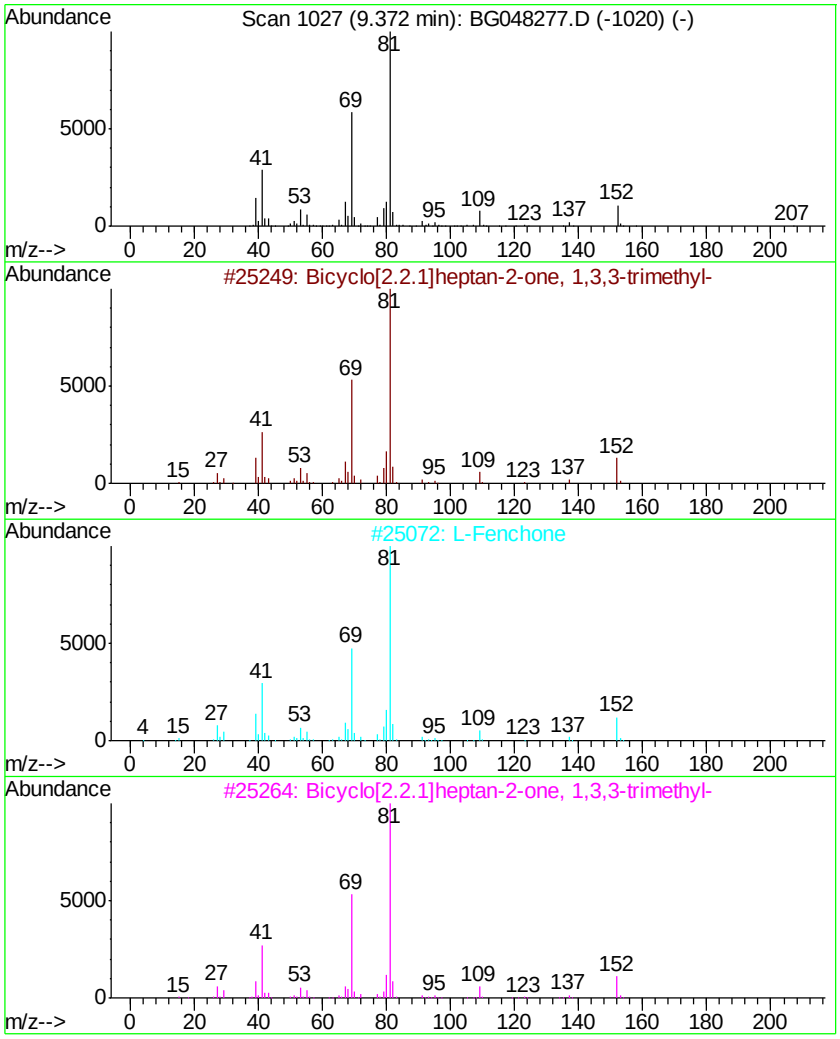
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

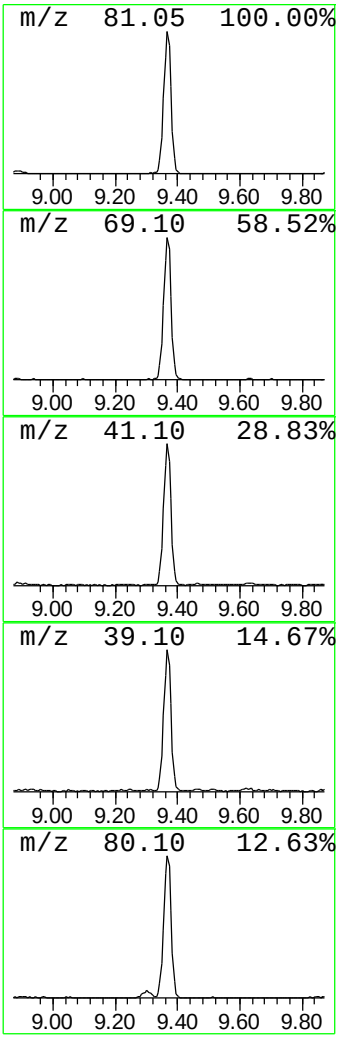
****

Peak Number 2 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	108.83 ng/ul	1545120	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	93
2	L-Fenchone	152	C10H16O	007787-20-4	90
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	87
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	72
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048277.D
Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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

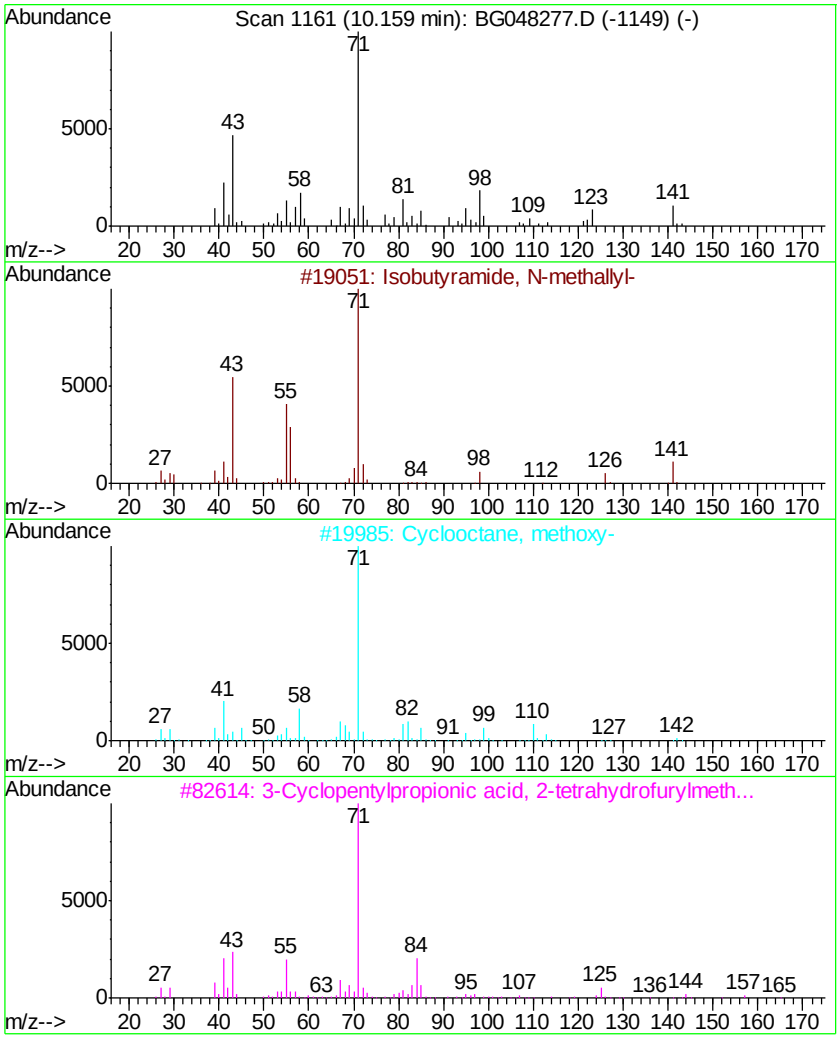
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

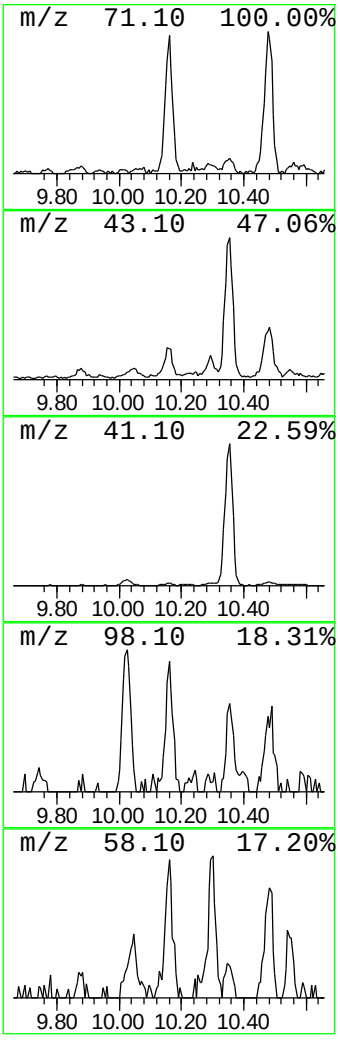
****

Peak Number 3 Isobutyramide, N-methallyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	6.11 ng/ul	113644	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyramide, N-methallyl-	141	C8H15NO	1000339-96-0	53
2	Cyclooctane, methoxy-	142	C9H18O	013213-32-6	52
3	3-Cyclopentylpropionic acid, 2-t...	226	C13H22O3	1000293-46-9	50
4	4-Hexen-3-ol	100	C6H12O	004798-58-7	50
5	Isophytol	296	C20H40O	000505-32-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048277.D
Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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

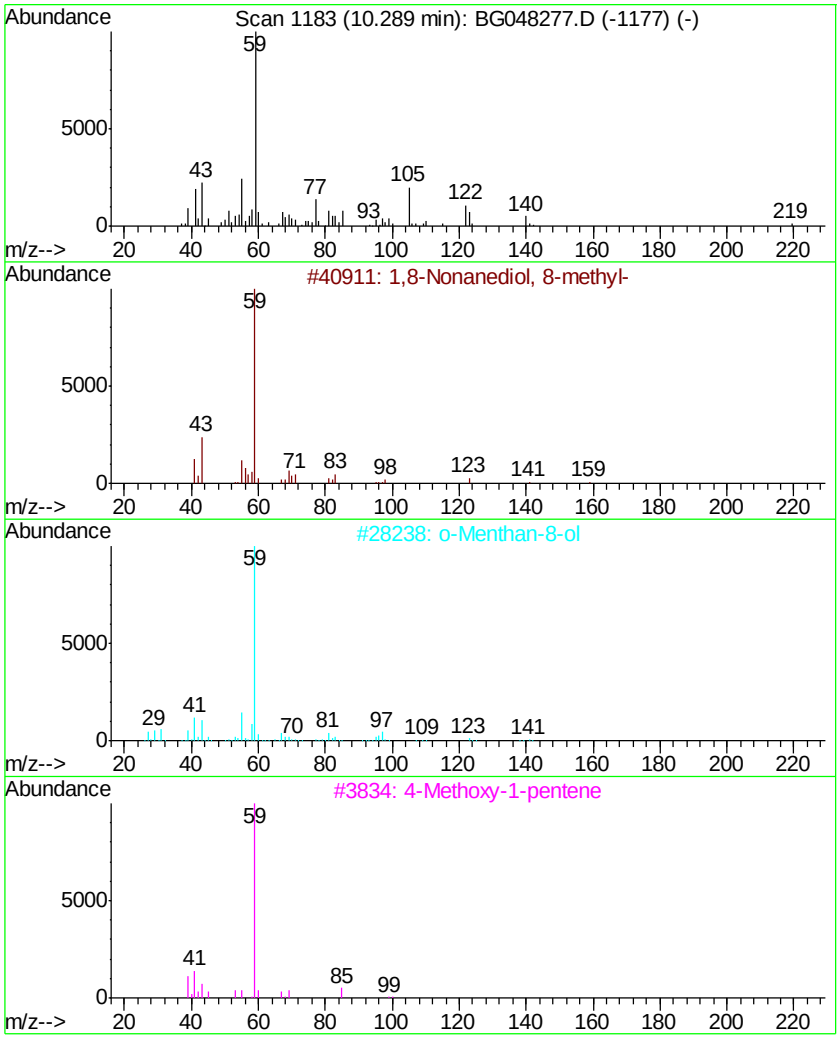
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

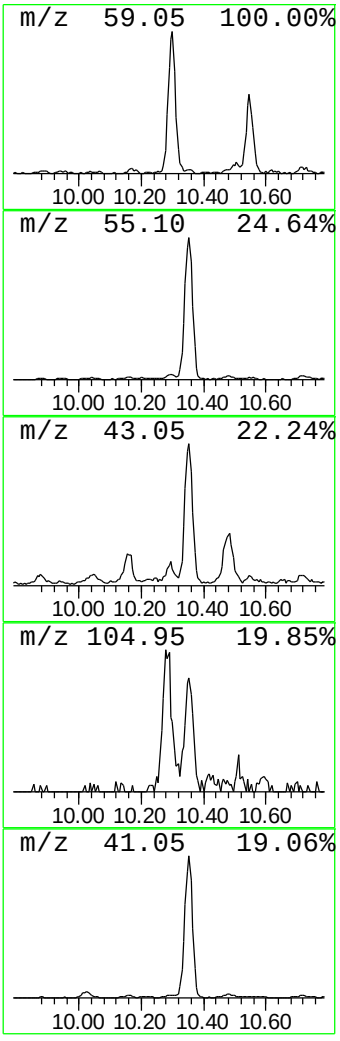
****

Peak Number 4 1,8-Nonanediol, 8-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	6.93 ng/ul	128853	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	53
2	o-Menthan-8-ol	156	C10H20O	343855-44-7	53
3	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	53
4	2-Hydroxy-2-methylundec-5-en-3-one	198	C12H22O2	1000191-46-2	45
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048277.D
Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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

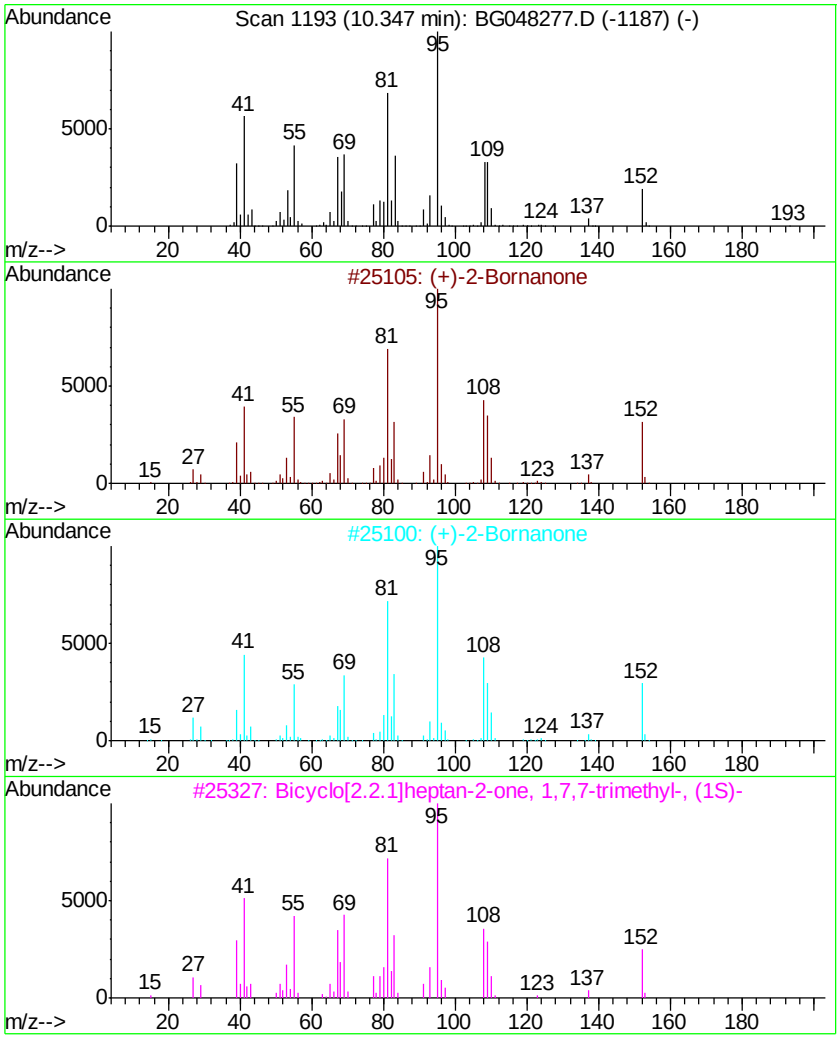
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

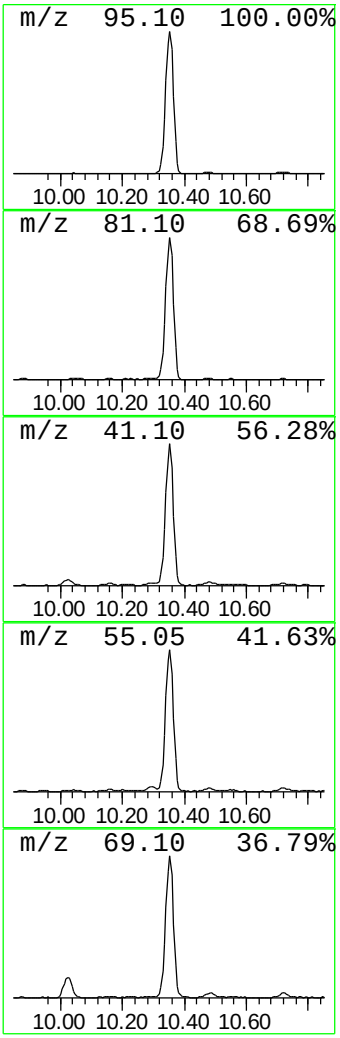
****

Peak Number 5 (+)-2-Bornanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	226.90 ng/ul	4218490	Naphthalene-d8	10.94

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





Library Search Compound Report

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Data File : BG048277.D
Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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

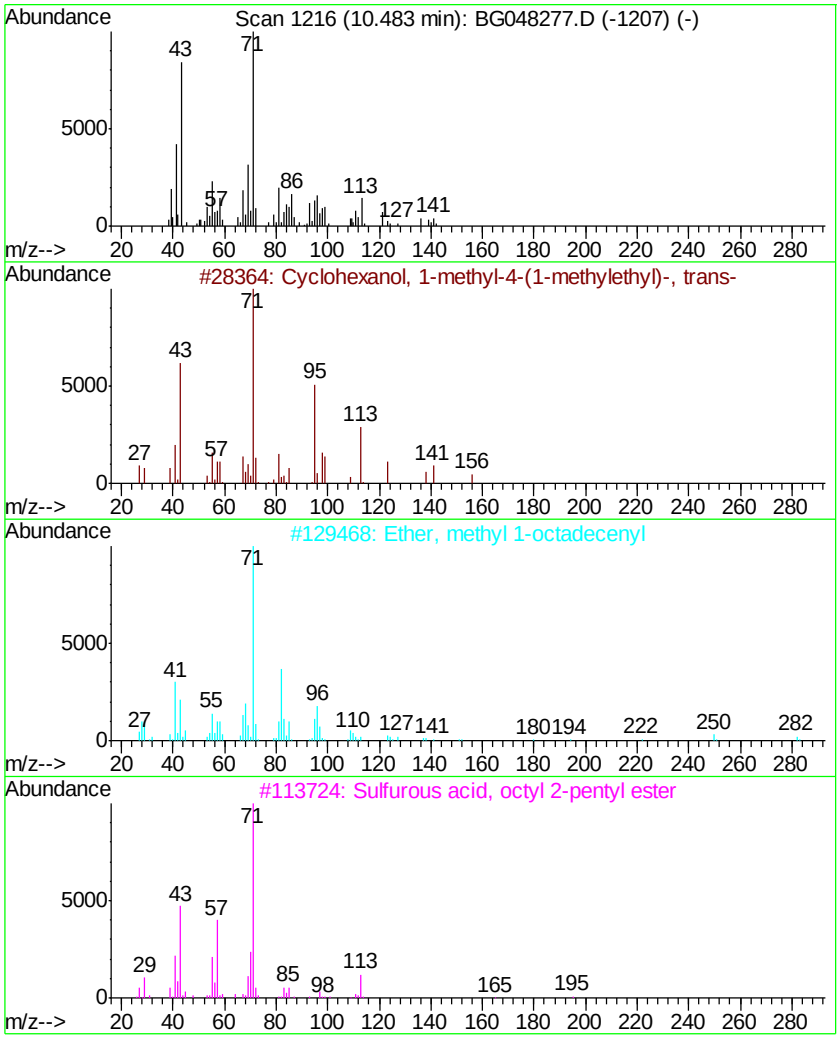
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

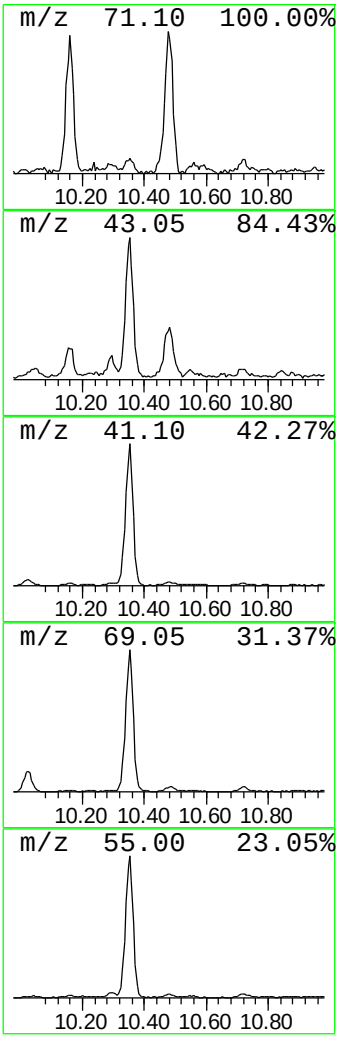
****

Peak Number 6 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	9.98 ng/ul	185564	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	64
2	Ether, methyl 1-octadecenyl	282	C19H38O	026537-06-4	47
3	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	47
4	Silane, ethenyldiethylmethyl-	128	C7H16Si	018292-29-0	47
5	3-Penten-2-ol	86	C5H10O	001569-50-2	43





Library Search Compound Report

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Data File : BG048277.D
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Operator : CG/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : DBGR9

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

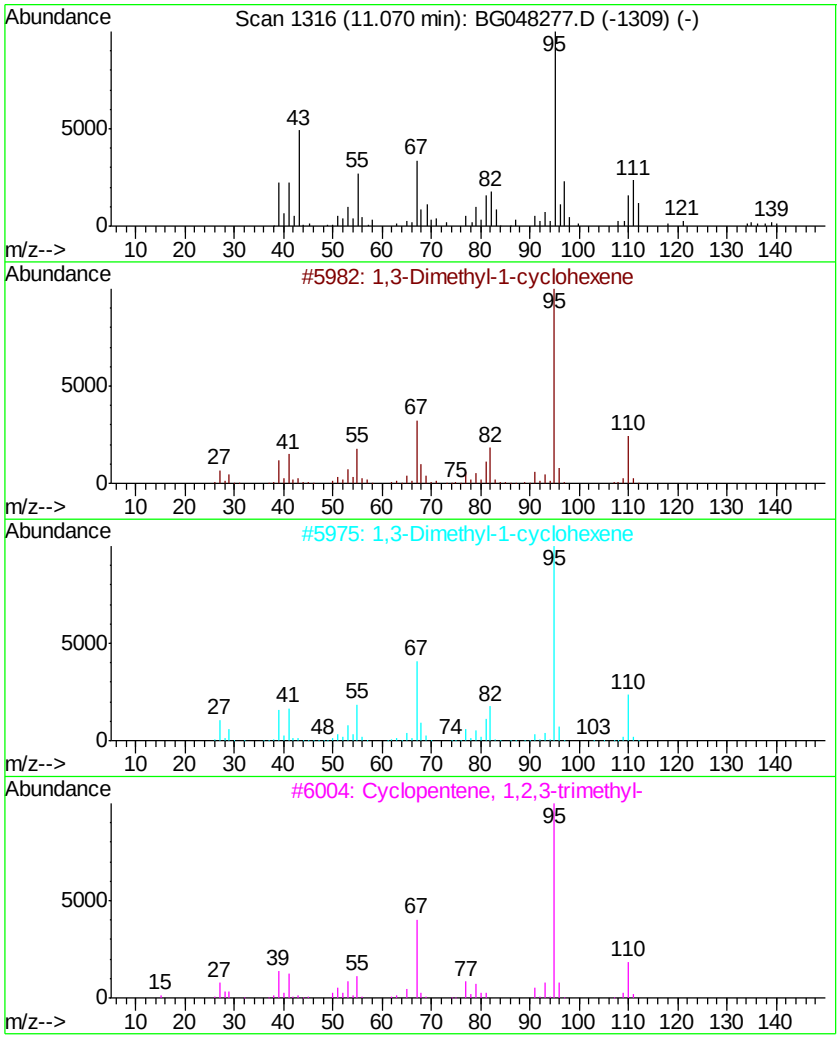
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

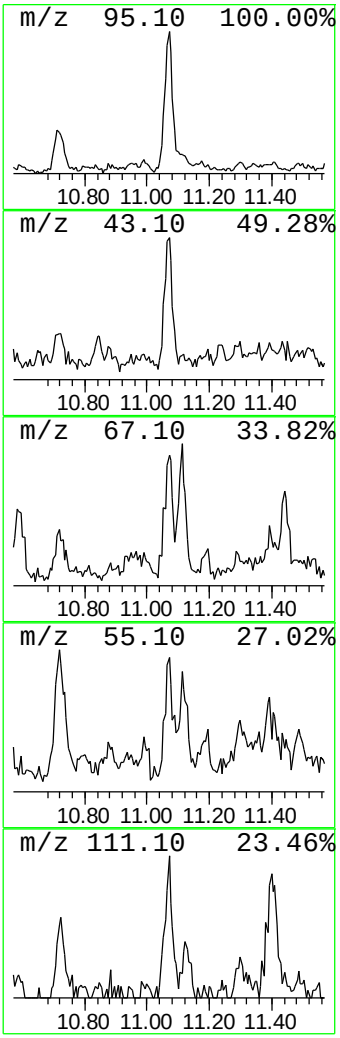
****

Peak Number 7 1,3-Dimethyl-1-cyclohexene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	6.24 ng/ul	116015	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	62
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	53
3	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	49
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	49
5	2-Norbornyl bromide	174	C7H11Br	029342-65-2	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048277.D
Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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

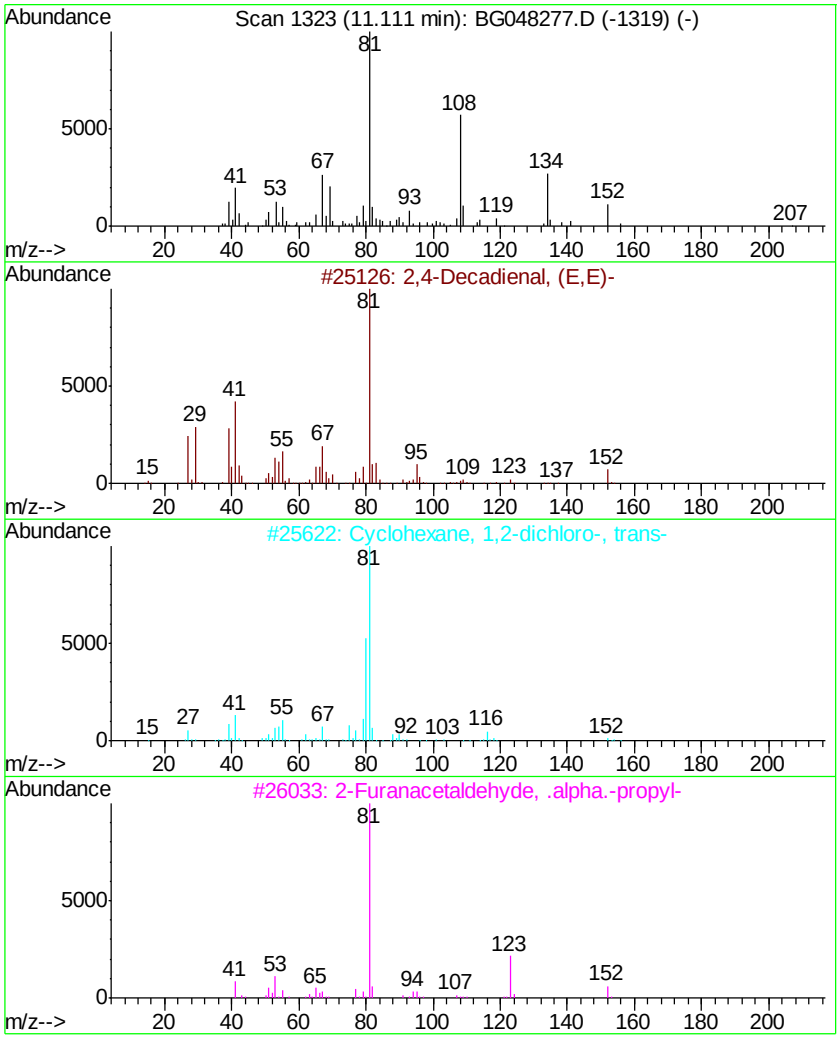
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

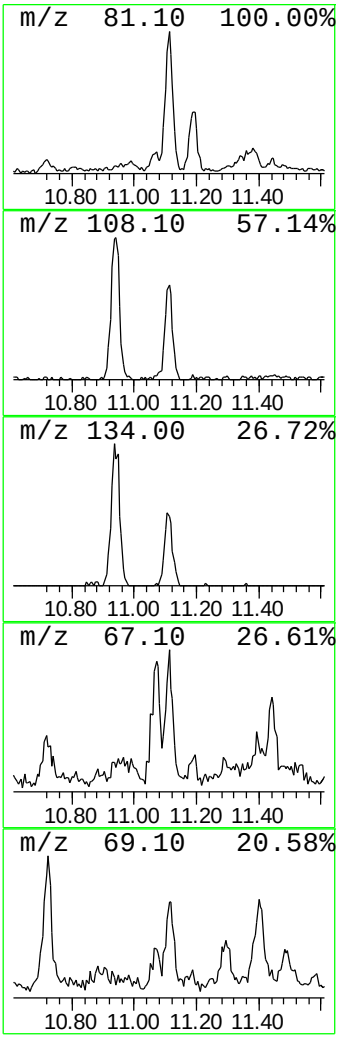
****

Peak Number 8 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	7.45 ng/ul	138486	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	43
2	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	38
3	2-Furanacetaldehyde, .alpha.-pro...	152	C9H12O2	031681-26-2	38
4	L-Fenchone	152	C10H16O	007787-20-4	38
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	37





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Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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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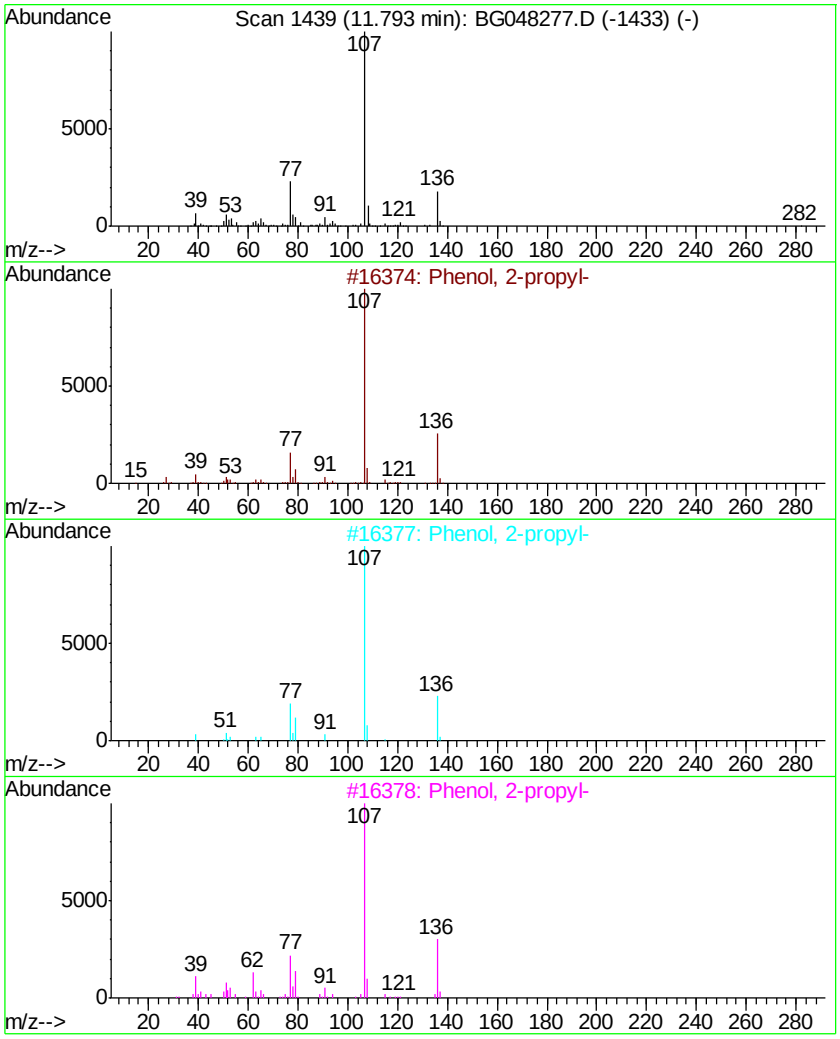
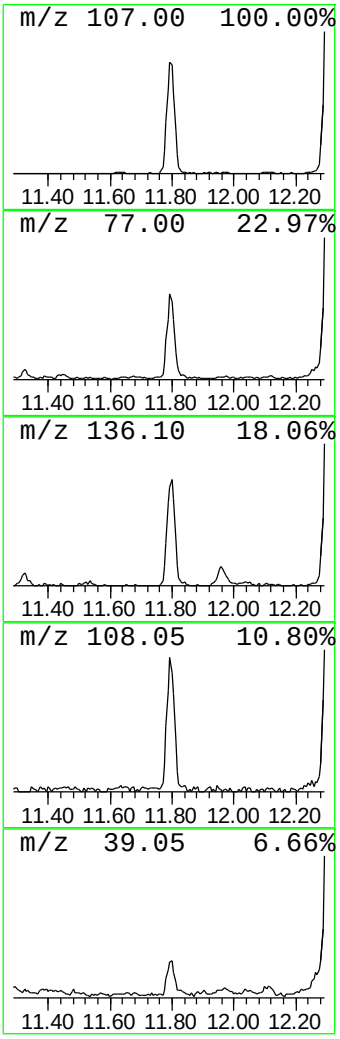
Peak Number 9 Phenol, 2-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	21.00 ng/ul	390341	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	91
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	90
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	90
4	Phenol, 4-propyl-	136	C9H12O	000645-56-7	81
5	Furan, 2-(1-pentenyl)-, (E)-	136	C9H12O	020992-69-2	80





Library Search Compound Report

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Operator : CG/JU
Sample : M1429-07
Misc :
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Instrument : BNA_G
ClientSampleId : DBGR9

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Quant Title : SVOA CALIBRATION

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

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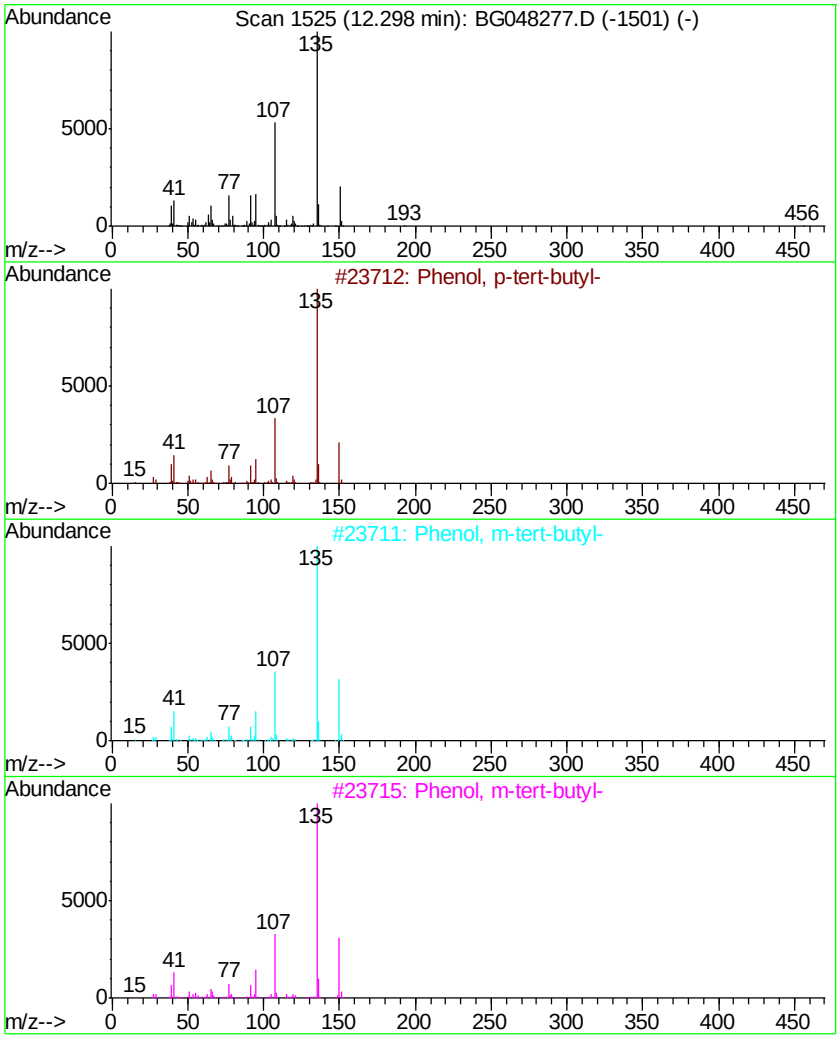
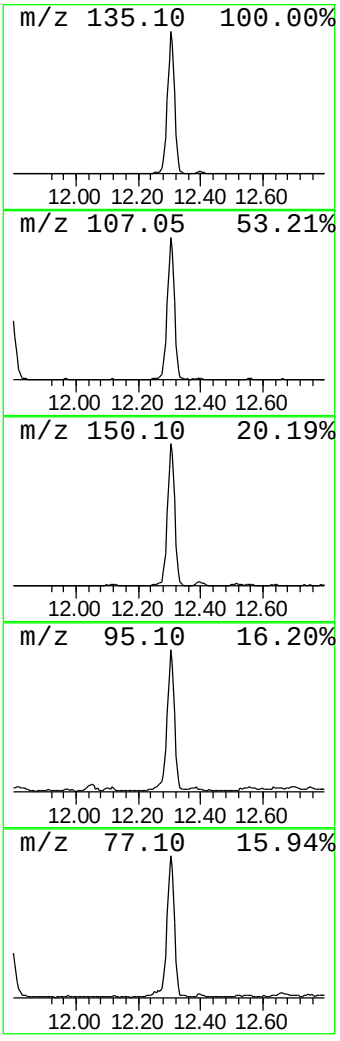
Peak Number 10 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	138.72 ng/ul	2579040	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87





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Instrument : BNA_G
ClientSampleId : DBGR9

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Quant Title : SVOA CALIBRATION

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

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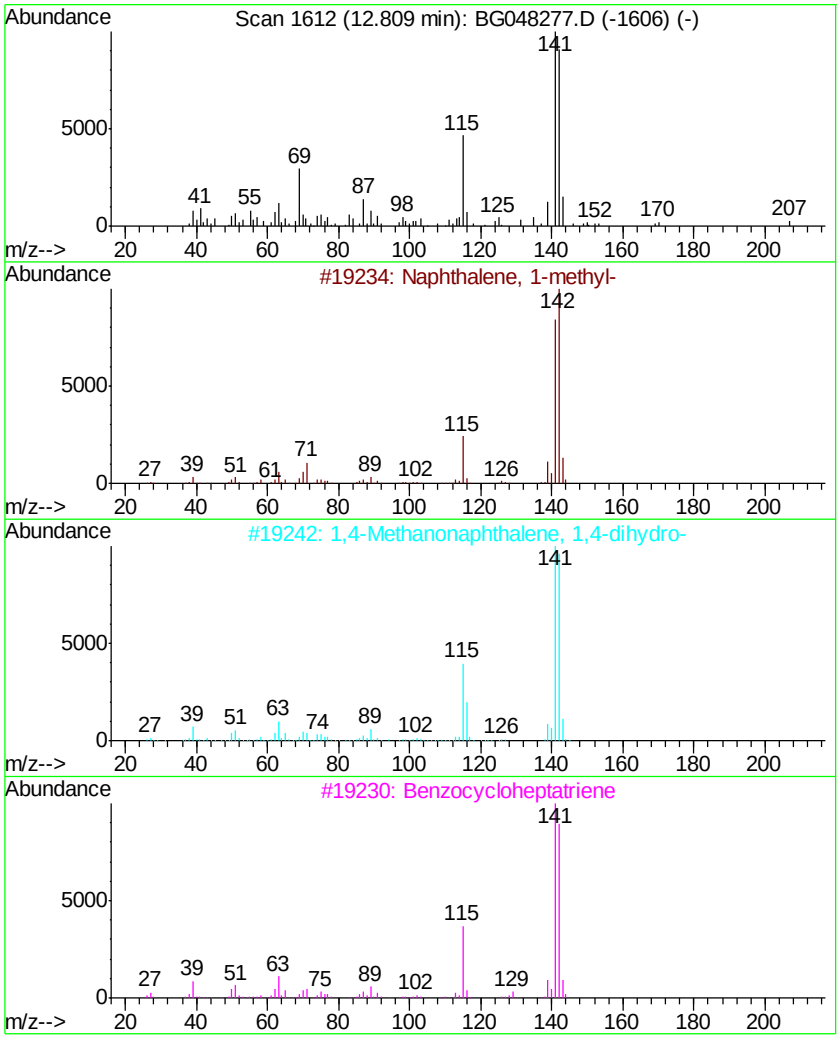
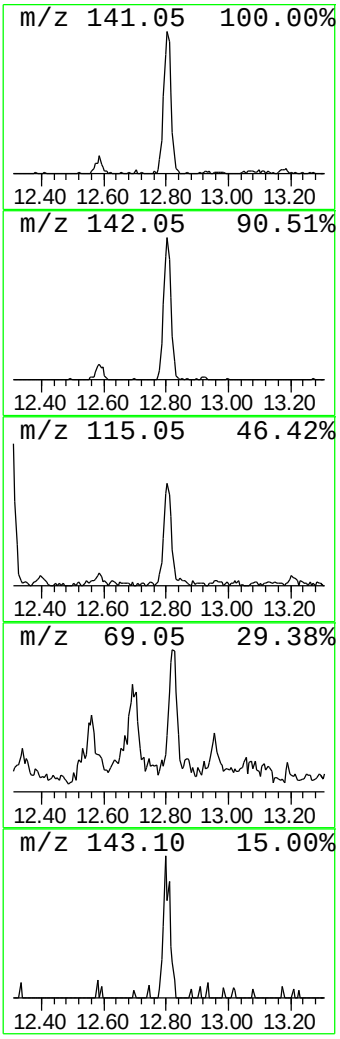
Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	10.06 ng/ul	187017	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
3	Benzocycloheptatriene	142	C11H10	000264-09-5	90
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	90
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90





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Operator : CG/JU
Sample : M1429-07
Misc :
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Instrument : BNA_G
ClientSampleId : DBGR9

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Quant Title : SVOA CALIBRATION

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

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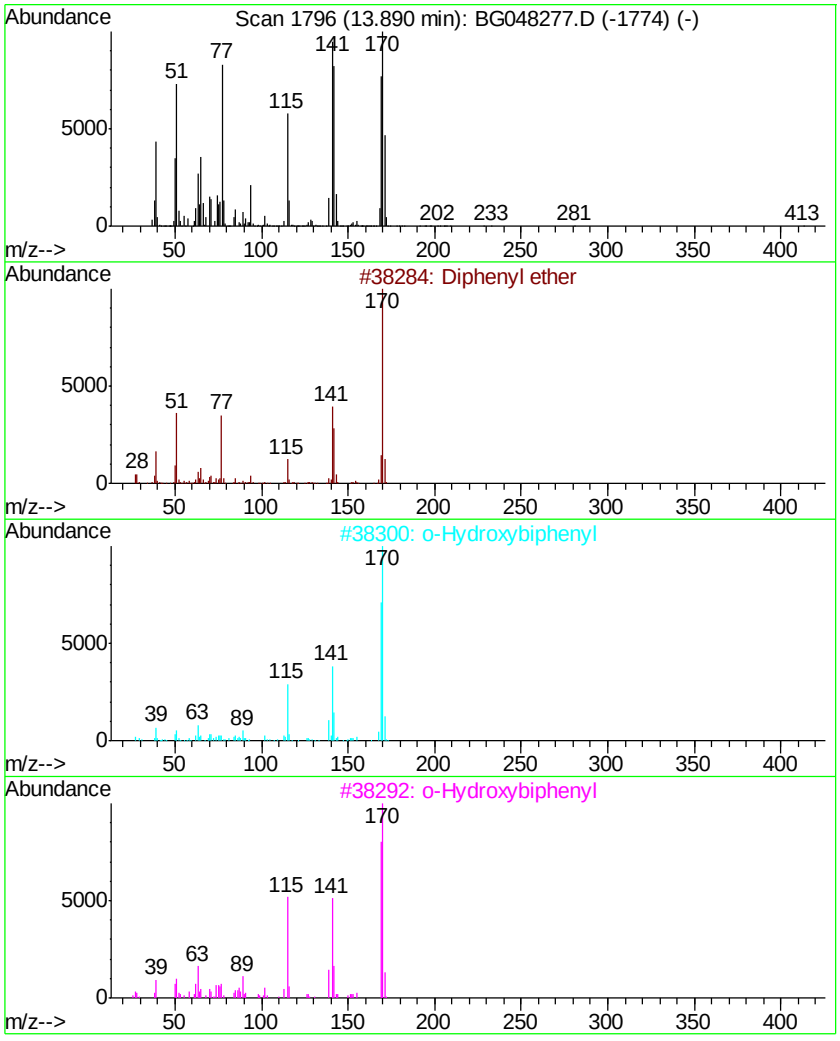
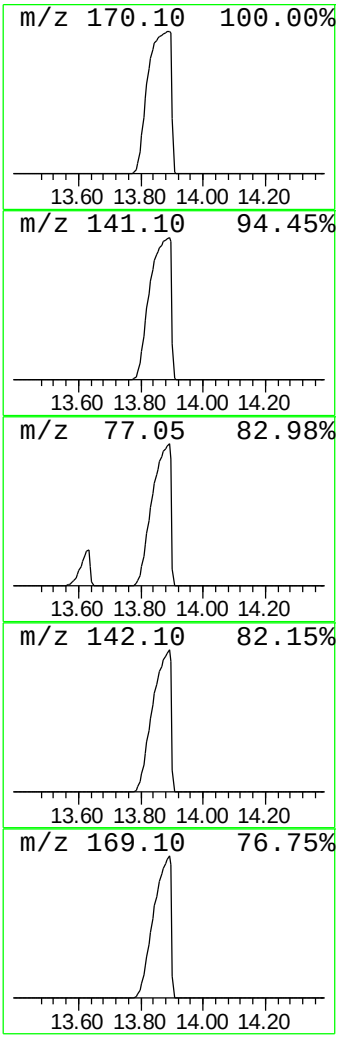
Peak Number 12 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3709.40 ng/ul	103939000	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	53
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	38
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	38
4	Acetonitrile, 2-(3-cyanophenyl)-	142	C9H6N2	016532-78-8	35
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	30





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Acq On : 22 Feb 2021 20:46
Operator : CG/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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Quant Title : SVOA CALIBRATION

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

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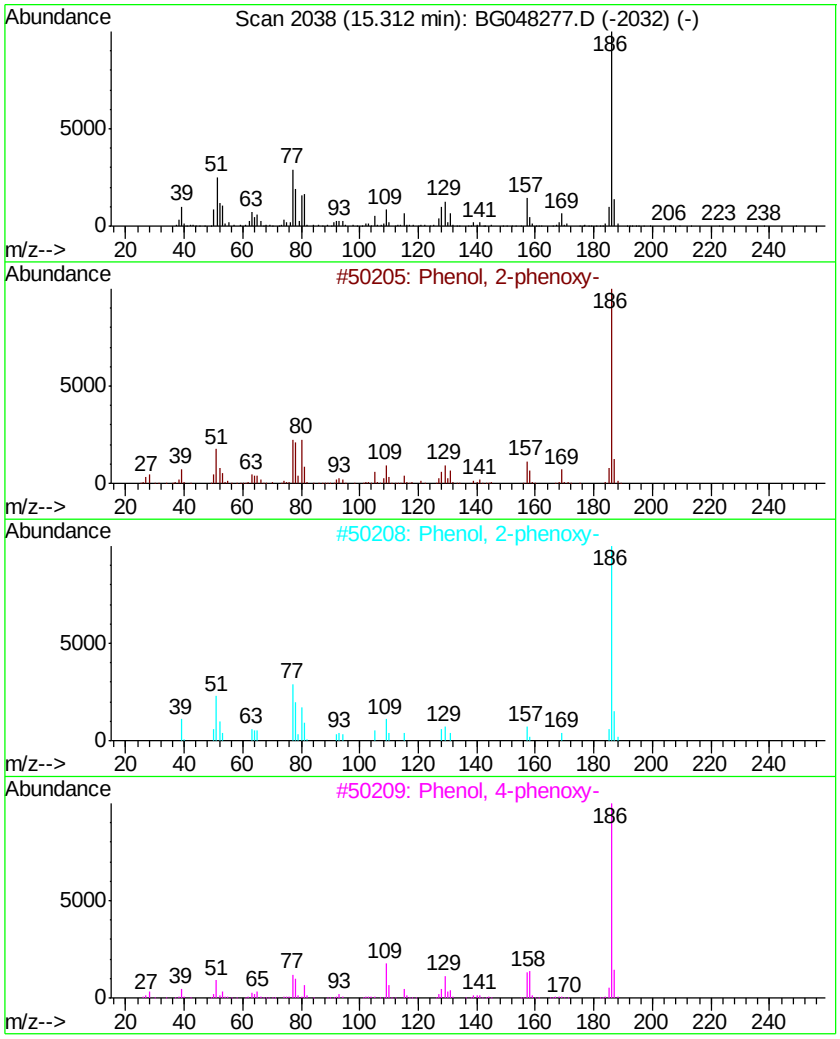
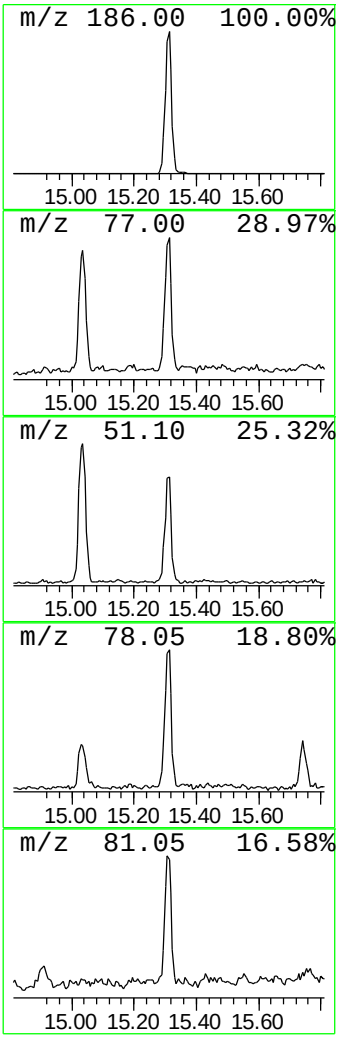
Peak Number 13 Phenol, 2-phenoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	16.18 ng/ul	453270	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	96
2	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	93
3	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	86
4	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	83
5	Phenol, 3-phenoxy-	186	C12H10O2	000713-68-8	72





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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Quant Title : SVOA CALIBRATION

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

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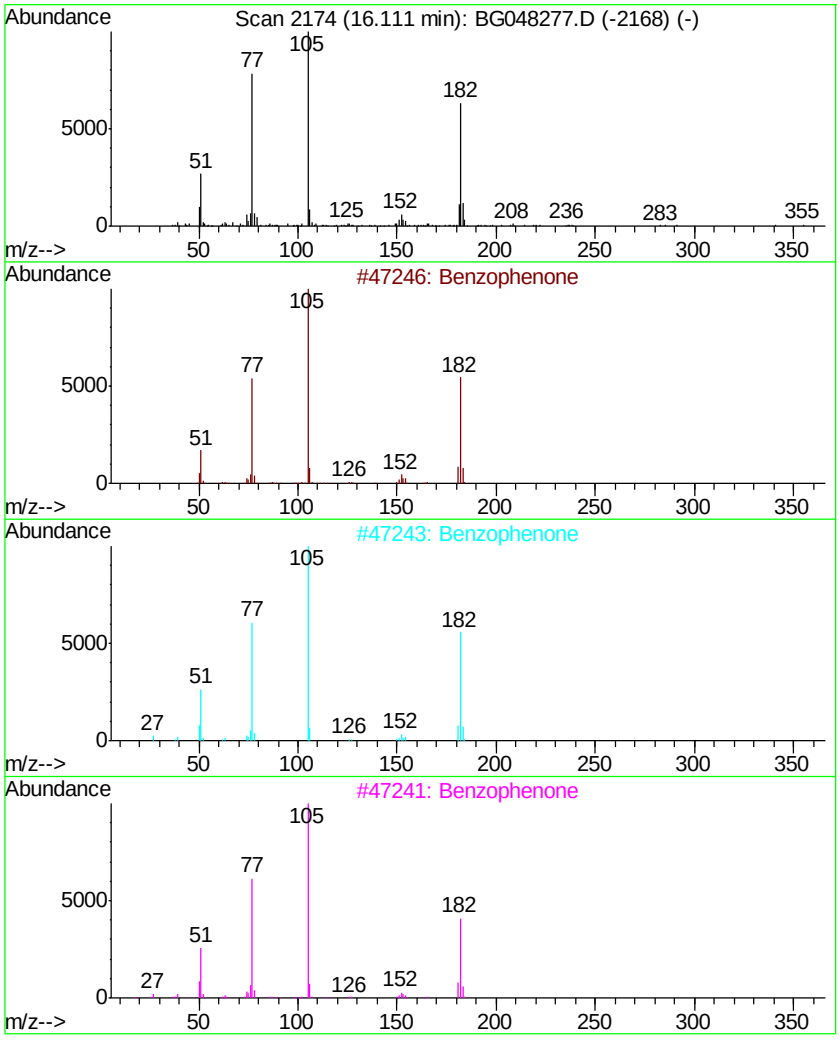
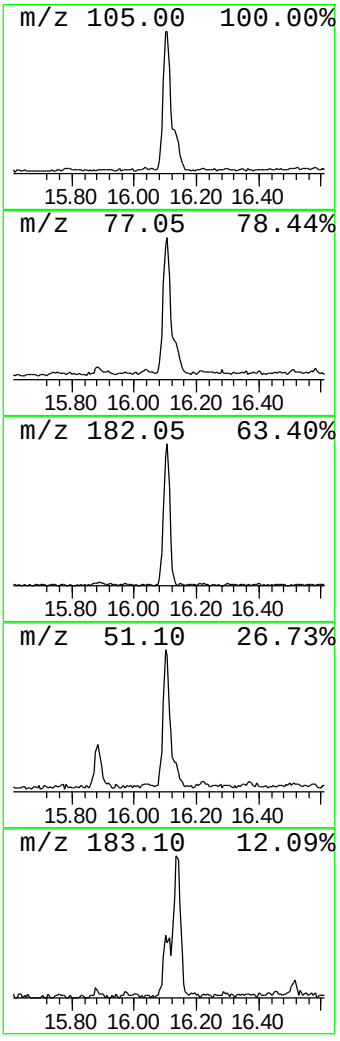
Peak Number 14 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	12.18 ng/ul	341335	Acenaphthene-d10	14.75

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	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	87





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Instrument : BNA_G
ClientSampleId : DBGR9

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Quant Title : SVOA CALIBRATION

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

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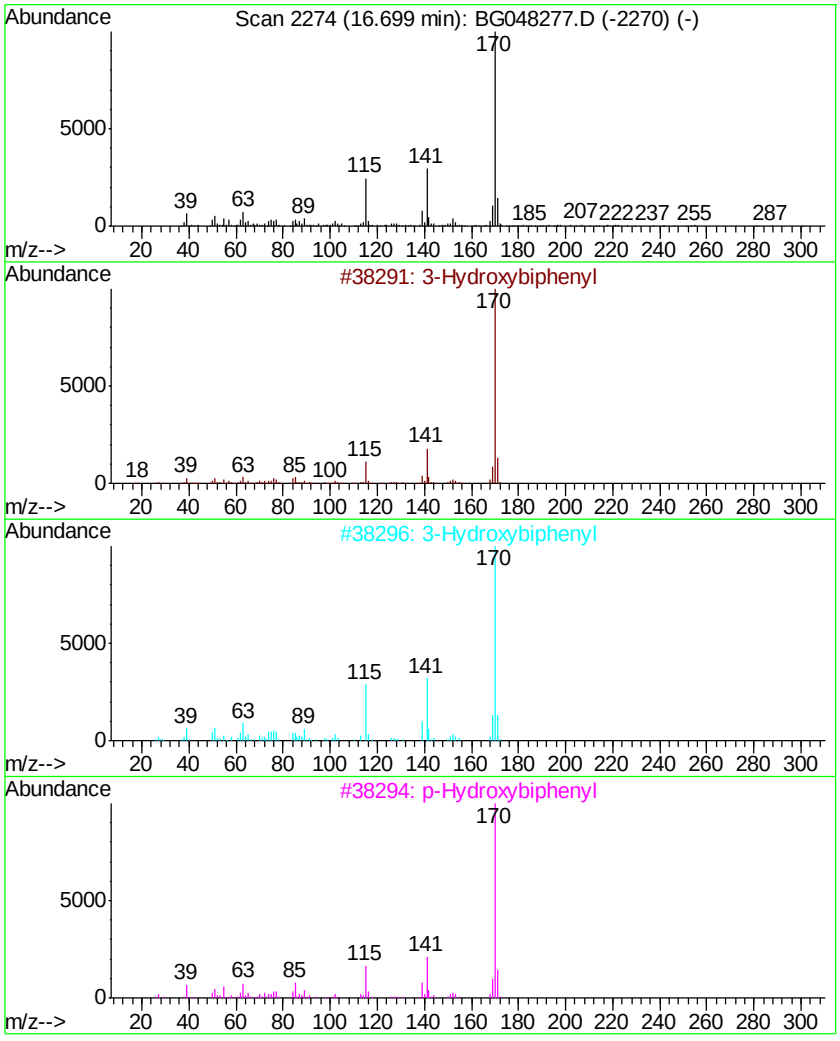
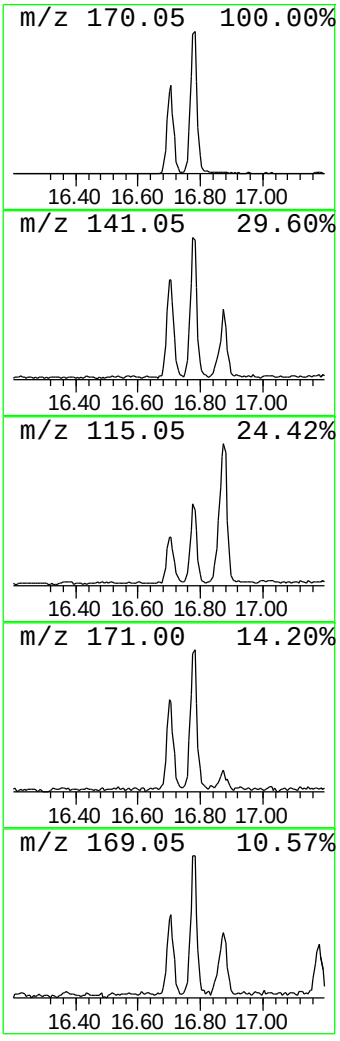
Peak Number 15 3-Hydroxybiphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	14.80 ng/ul	415567	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	96
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	95
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	87
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	81





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Sample : M1429-07
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Instrument : BNA_G
ClientSampleId : DBGR9

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Quant Title : SVOA CALIBRATION

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

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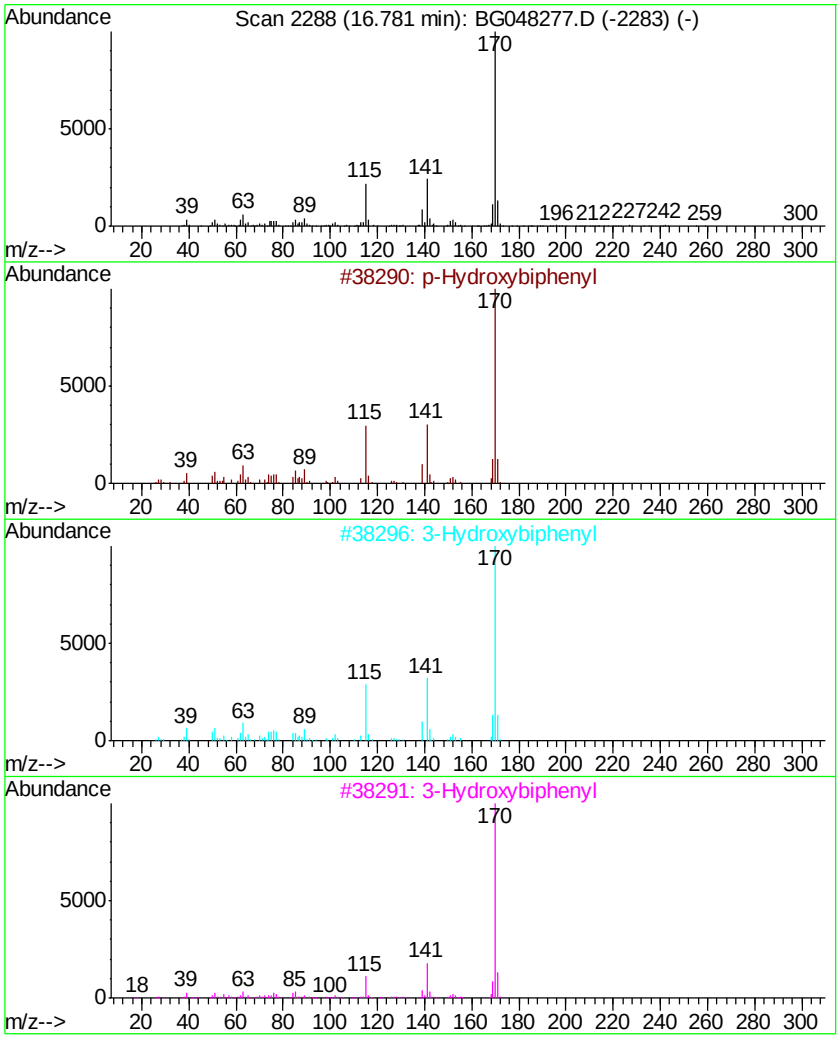
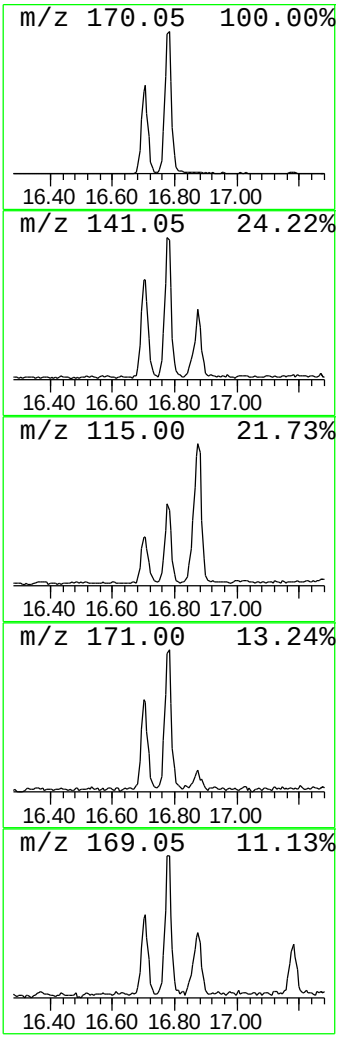
Peak Number 16 p-Hydroxybiphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	18.01 ng/ul	505736	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	97
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	94
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	91
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90





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Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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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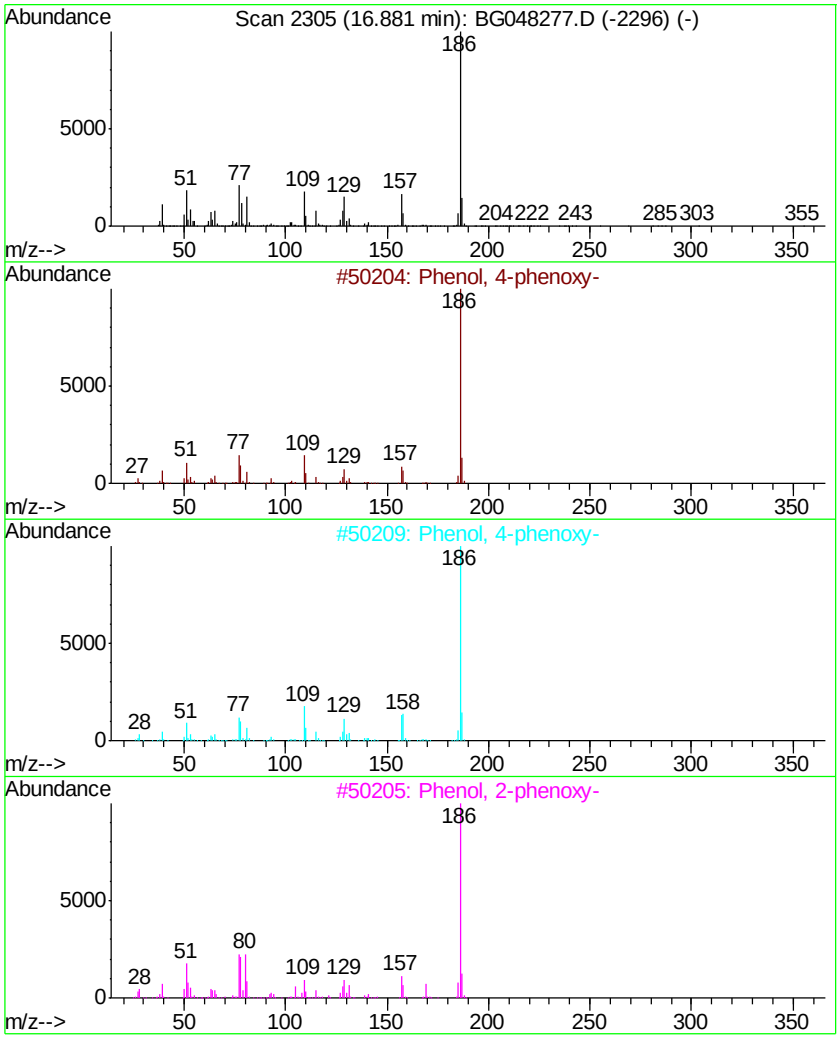
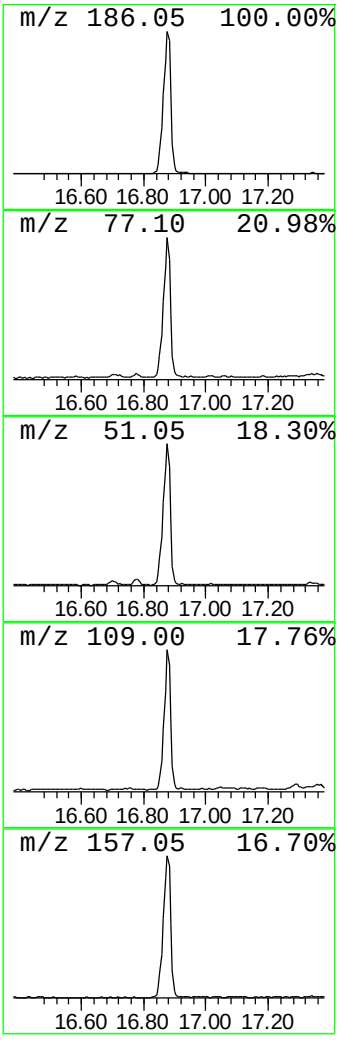
Peak Number 17 Phenol, 4-phenoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	149.11 ng/ul	4186490	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	95
2	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	91
3	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	72
4	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	72
5	1,4-Naphthalenedione, 2,3-dimethyl-	186	C12H10O2	002197-57-1	58





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Misc :
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Instrument : BNA_G
ClientSampleId : DBGR9

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Quant Title : SVOA CALIBRATION

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

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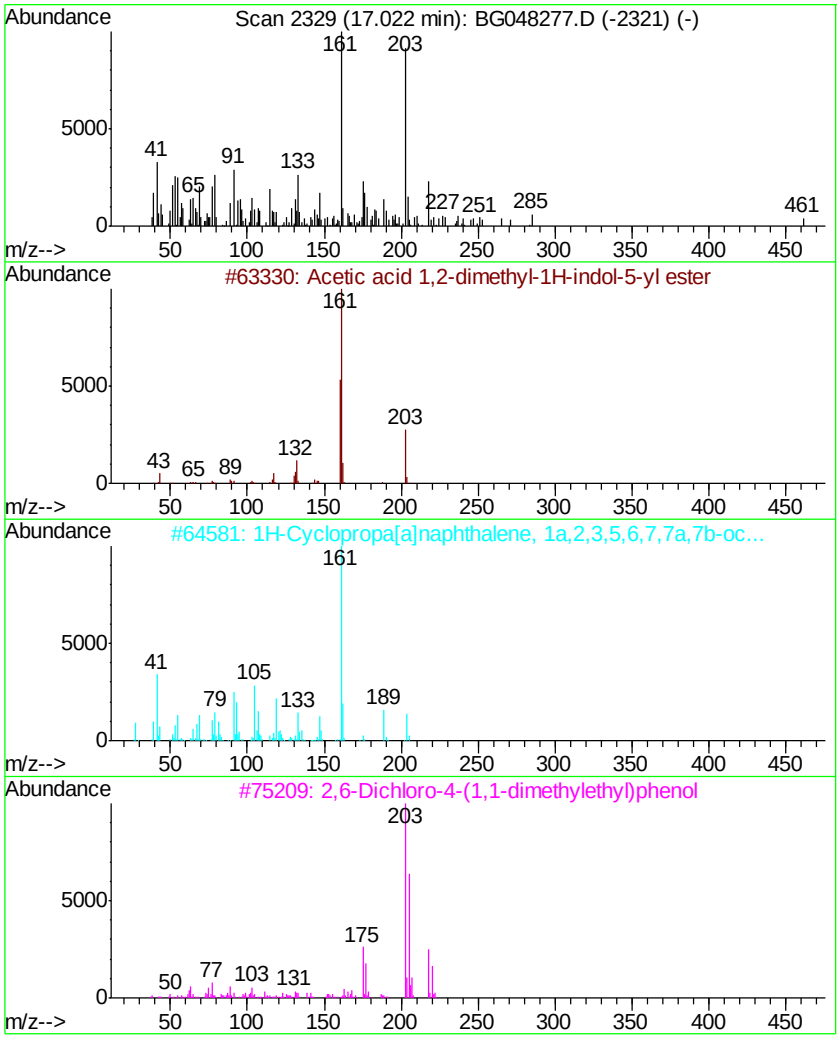
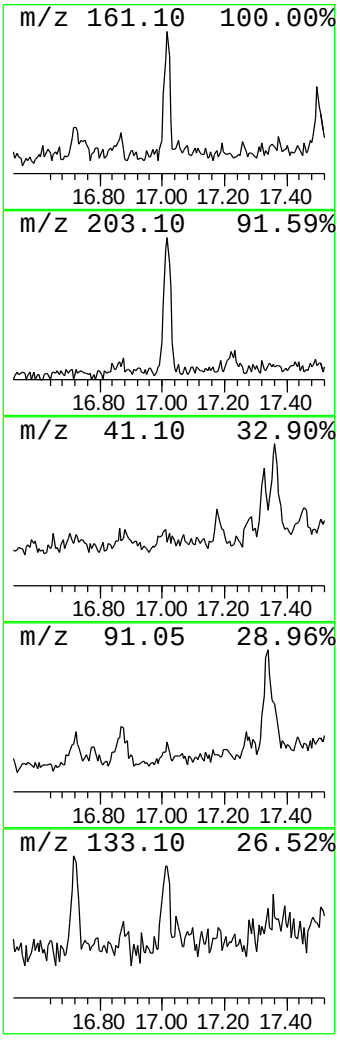
Peak Number 18 Acetic acid 1,2-dimethyl-1H... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	4.10 ng/ul	114989	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid 1,2-dimethyl-1H-indo...	203	C12H13NO2	025888-10-2	58
2	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	55
3	2,6-Dichloro-4-(1,1-dimethylethy...	218	C10H12Cl2O	1000305-55-5	42
4	Acetophenone, 3'-allyl-4'-hydroxy-	176	C11H12O2	001132-05-4	38
5	1,3,5-Cycloheptatriene, 2,3,4,5,...	176	C13H20	074779-68-3	38





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId : DBGR9

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Quant Title : SVOA CALIBRATION

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

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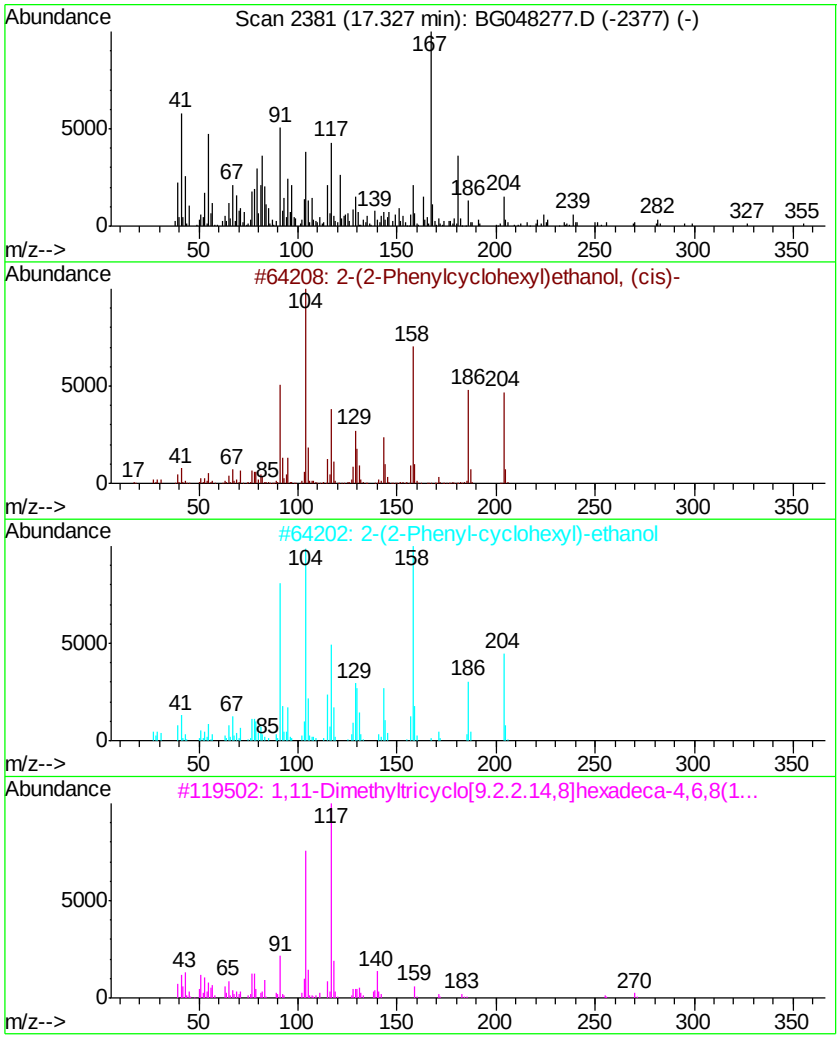
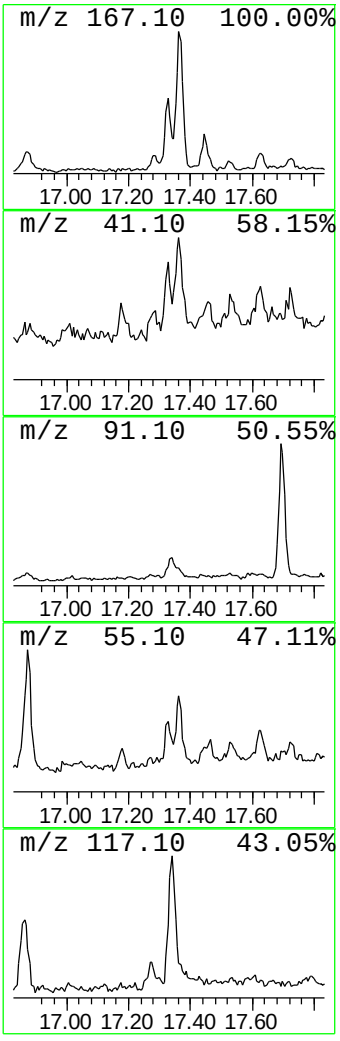
Peak Number 19 2-(2-Phenylcyclohexyl)ethan... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	9.83 ng/ul	276110	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Phenylcyclohexyl)ethanol, (...	204	C14H20O	069597-23-5	52
2	2-(2-Phenyl-cyclohexyl)-ethanol	204	C14H20O	343318-11-6	38
3	1,11-Dimethyltricyclo[9.2.2.14,8...	270	C18H22O2	1000311-68-2	30
4	Benzene, 1-octenyl-	188	C14H20	029518-72-7	27
5	Hex-1-enylbenzene	160	C12H16	000828-15-9	27





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Operator : CG/JU
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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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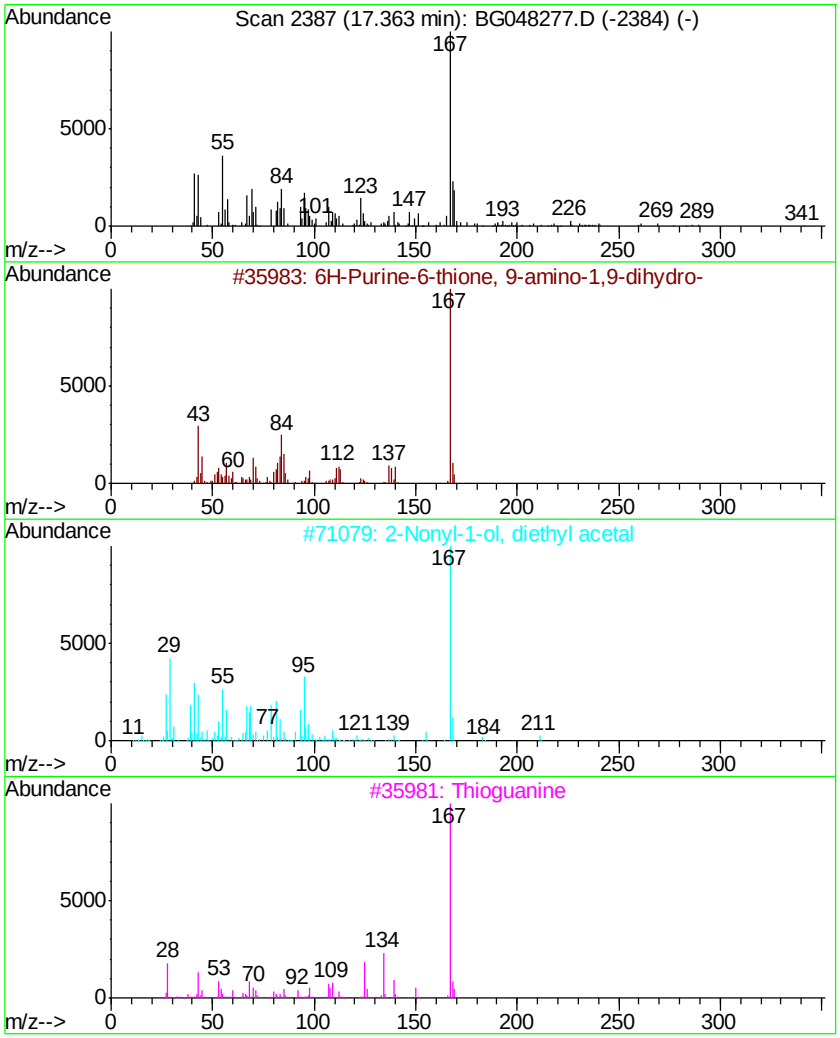
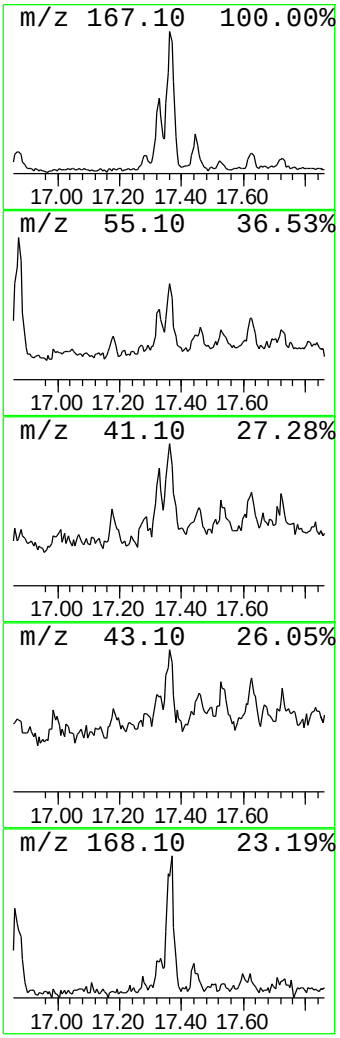
Peak Number 20 6H-Purine-6-thione, 9-amino... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	11.55 ng/ul	324337	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Purine-6-thione, 9-amino-1,9-...	167	C5H5N5S	020914-56-1	52
2	2-Nonyl-1-ol, diethyl acetal	212	C13H24O2	1000343-44-6	46
3	Thioguanine	167	C5H5N5S	000154-42-7	43
4	Thiazolo[3,2-a]pyridinium, 2,3-d...	167	C8H9NOS	023003-43-2	43
5	Benzenemethanethiol, .alpha.-phe...	200	C13H12S	004237-48-3	43





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Data File : BG048277.D
Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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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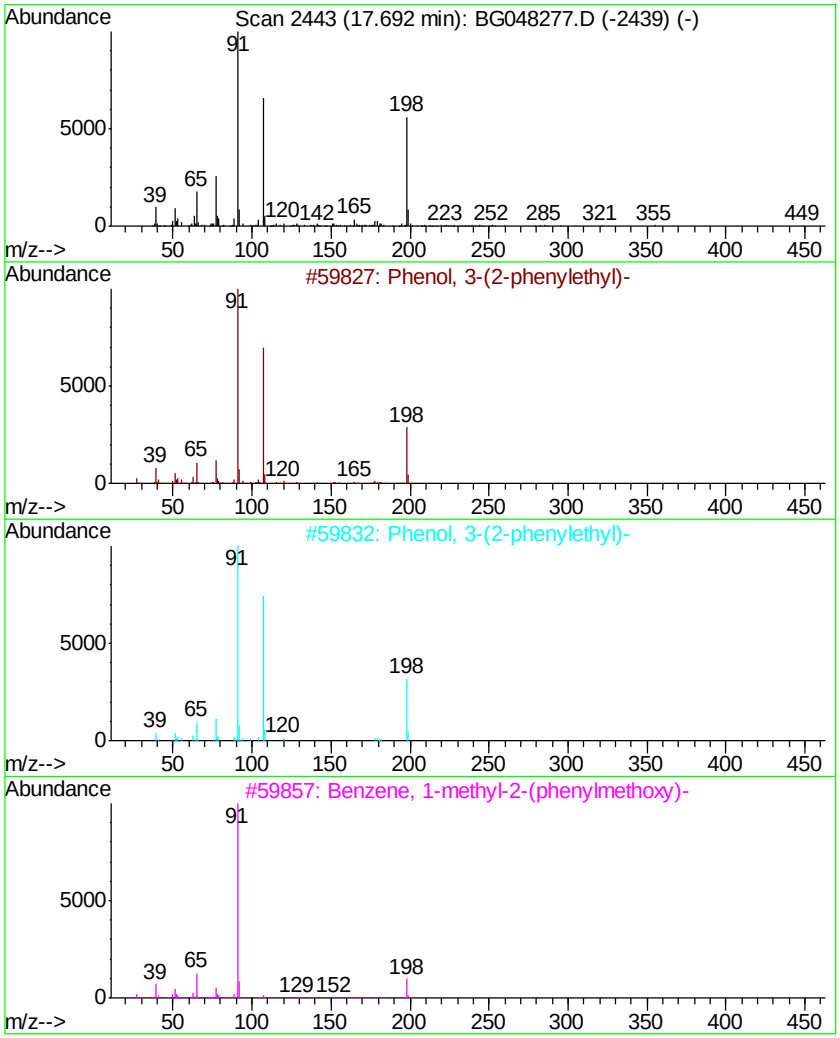
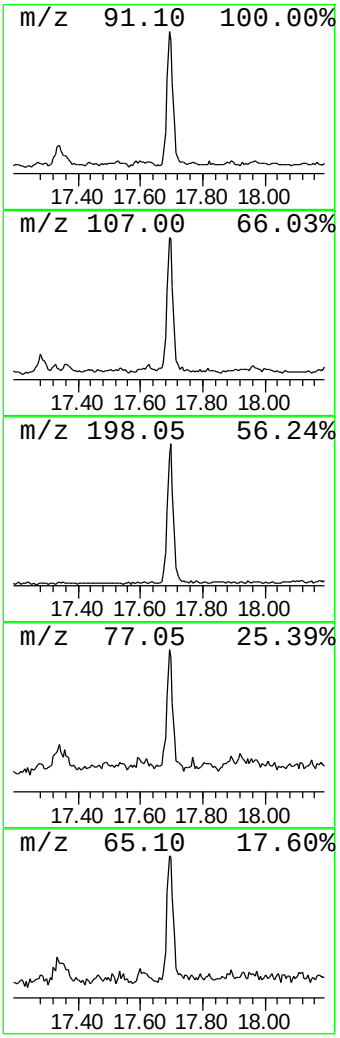
Peak Number 21 Phenol, 3-(2-phenylethyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	12.21 ng/ul	342667	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	93
2	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	90
3	Benzene, 1-methyl-2-(phenylmetho...	198	C14H14O	019578-70-2	43
4	Benzyl mandelate	242	C15H14O3	000890-98-2	43
5	Pyridine, 3-ethyl-	107	C7H9N	000536-78-7	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048277.D
Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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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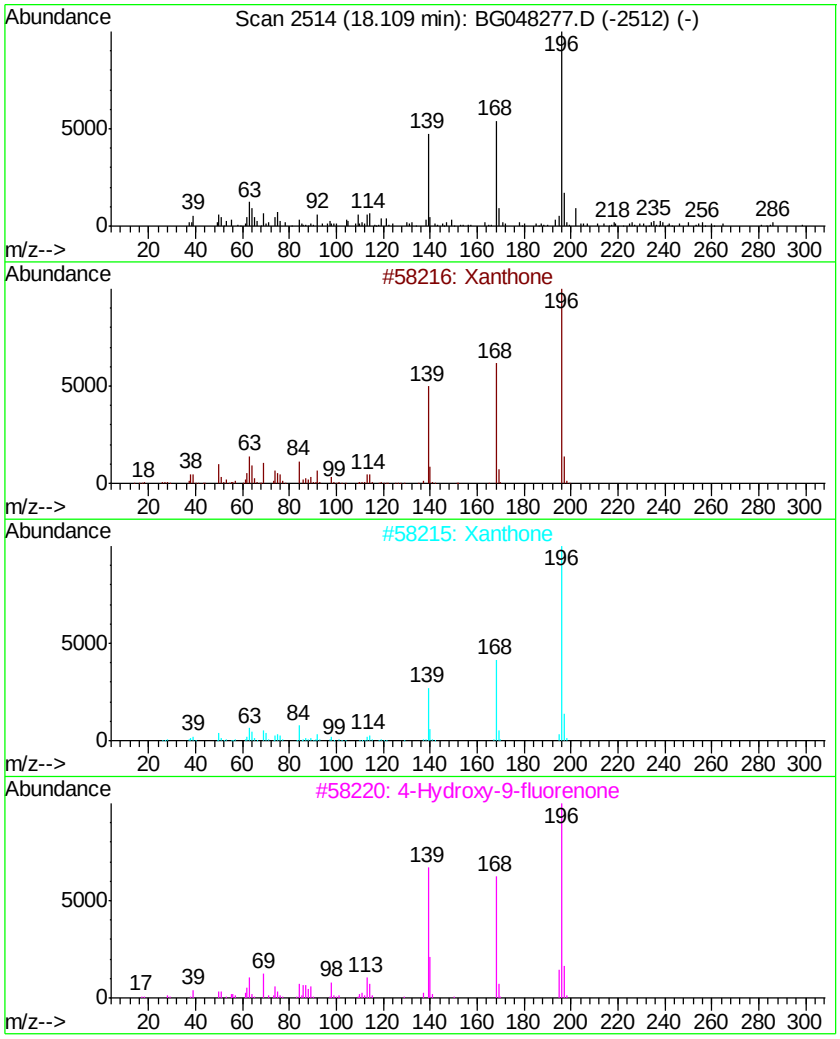
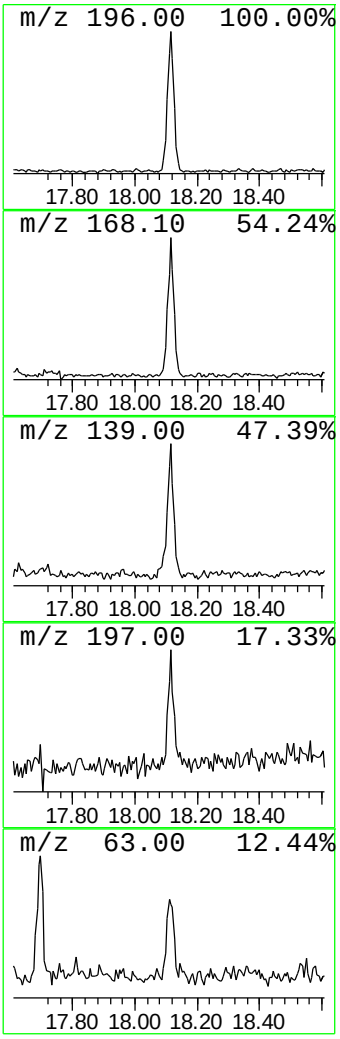
Peak Number 22 Xanthone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	4.72 ng/ul	132568	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xanthone	196	C13H8O2	000090-47-1	93
2	Xanthone	196	C13H8O2	000090-47-1	90
3	4-Hydroxy-9-fluorenone	196	C13H8O2	001986-00-1	90
4	Xanthone	196	C13H8O2	000090-47-1	87
5	9H-Fluoren-9-one, 1-hydroxy-	196	C13H8O2	006344-60-1	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048277.D
Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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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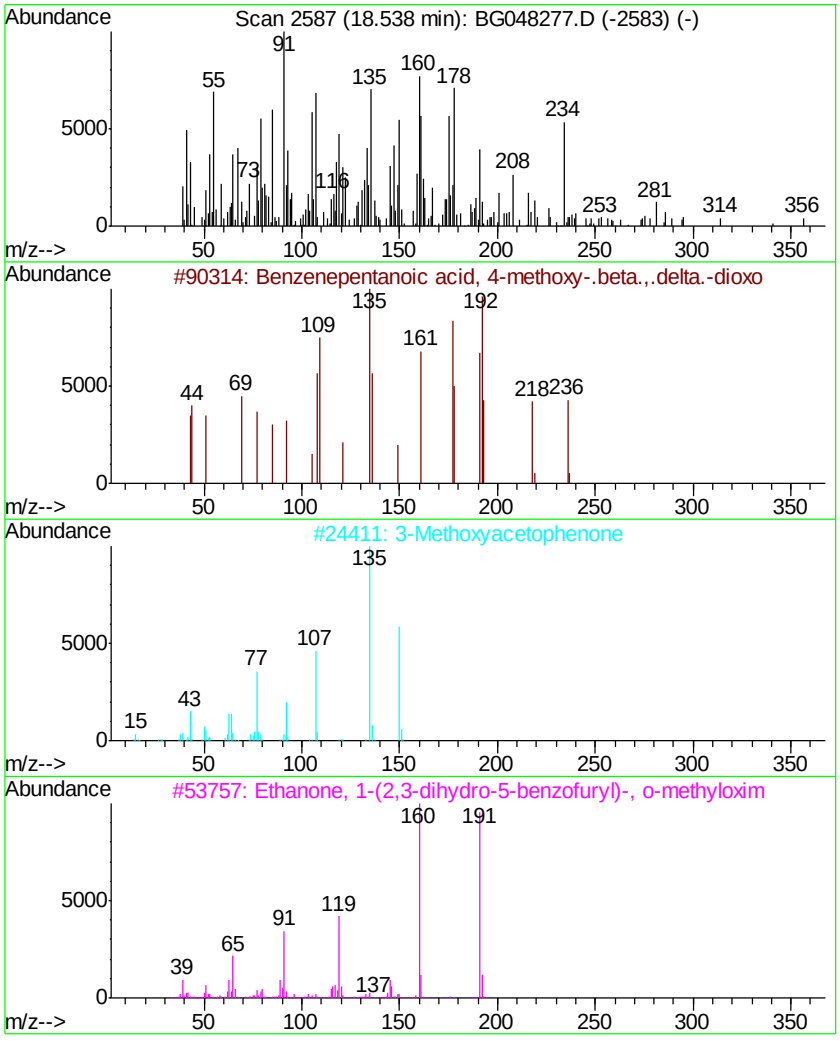
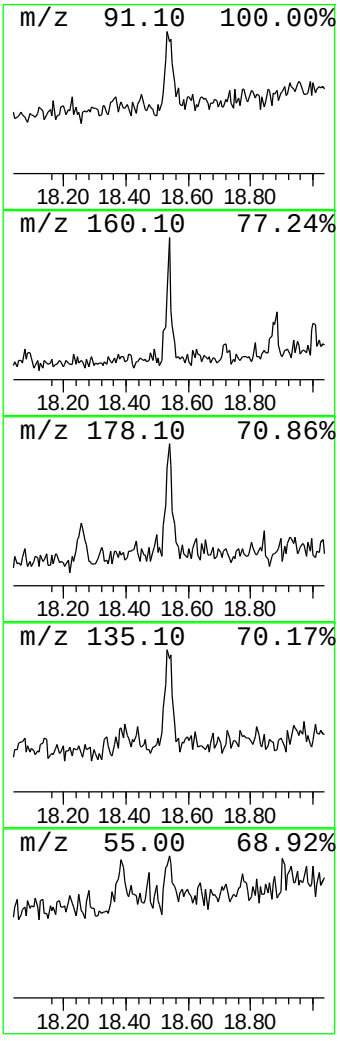
Peak Number 23 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	7.89 ng/ul	221653	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepentanoic acid, 4-methoxy...	236	C12H12O5	036568-15-7	25
2	3-Methoxyacetophenone	150	C9H10O2	000586-37-8	25
3	Ethanone, 1-(2,3-dihydro-5-benzo...	191	C11H13NO2	1000269-17-8	18
4	Tricyclo[4.4.1.0(1,6)]undecane	150	C11H18	006571-73-9	15
5	2-Buten-1-one, 2-methyl-1-phenyl-	160	C11H12O	019847-64-4	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022221\
Data File : BG048277.D
Acq On : 22 Feb 2021 20:46
Operator : CG/JU
Sample : M1429-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGR9

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
Methyl Isobutyl K...	3.87	7.4	ng/ul	105422	1	8.12	283946	20.0
Bicyclo[2.2.1]hep...	9.37	108.8	ng/ul	1545120	1	8.12	283946	20.0
Isobutyramide, N-...	10.16	6.1	ng/ul	113644	2	10.94	371833	20.0
1,8-Nonanediol, 8...	10.29	6.9	ng/ul	128853	2	10.94	371833	20.0
(+)-2-Bornanone	10.35	226.9	ng/ul	4218490	2	10.94	371833	20.0
Cyclohexanol, 1-m...	10.48	10.0	ng/ul	185564	2	10.94	371833	20.0
1,3-Dimethyl-1-cy...	11.07	6.2	ng/ul	116015	2	10.94	371833	20.0
unknown-01	11.11	7.5	ng/ul	138486	2	10.94	371833	20.0
Phenol, 2-propyl-	11.79	21.0	ng/ul	390341	2	10.94	371833	20.0
Phenol, p-tert-bu...	12.30	138.7	ng/ul	2579040	2	10.94	371833	20.0
Naphthalene, 1-me...	12.81	10.1	ng/ul	187017	2	10.94	371833	20.0
Diphenyl ether	13.89	3709.4	ng/ul	103939000	3	14.75	560409	20.0
Phenol, 2-phenoxy-	15.31	16.2	ng/ul	453270	3	14.75	560409	20.0
Benzophenone	16.11	12.2	ng/ul	341335	3	14.75	560409	20.0
3-Hydroxybiphenyl	16.70	14.8	ng/ul	415567	4	17.50	561518	20.0
p-Hydroxybiphenyl	16.78	18.0	ng/ul	505736	4	17.50	561518	20.0
Phenol, 4-phenoxy-	16.88	149.1	ng/ul	4186490	4	17.50	561518	20.0
Acetic acid 1,2-d...	17.02	4.1	ng/ul	114989	4	17.50	561518	20.0
2-(2-Phenylcycloh...	17.33	9.8	ng/ul	276110	4	17.50	561518	20.0
6H-Purine-6-thion...	17.36	11.6	ng/ul	324337	4	17.50	561518	20.0
Phenol, 3-(2-phen...	17.69	12.2	ng/ul	342667	4	17.50	561518	20.0
Xanthone	18.11	4.7	ng/ul	132568	4	17.50	561518	20.0
unknown-02	18.54	7.9	ng/ul	221653	4	17.50	561518	20.0