LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048278.D
Acq On : 22 Feb 2021 21:27
Operator : CG/JU
Sample : M1429-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS1

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	7.451	694	700	707	rVB	117828	204279	0.15%	0.107%
2	7.674	731	738	748	rBV	163144	292969	0.21%	0.153%
3	8.120	809	814	822	rVB2	124812	214742	0.16%	0.112%
4	8.890	939	945	955	rBV2	140344	259628	0.19%	0.135%
5	9.301	1008	1015	1021	rVV	195942	364309	0.26%	0.190%
6	10.024	1127	1138	1144	rBV3	205715	402094	0.29%	0.210%
7	10.347	1187	1193	1200	rVB	213742	377428	0.27%	0.197%
8	10.594	1229	1235	1246	rVB	256740	477096	0.34%	0.249%
9	10.941	1288	1294	1298	rBV	163285	287198	0.21%	0.150%
10	10.993	1298	1303	1309	rVB	130123	234488	0.17%	0.122%
11	12.304	1521	1526	1536	rVB	240360	416745	0.30%	0.217%
12	12.803	1606	1611	1618	rVB	124381	217419	0.16%	0.113%
13	13.632	1738	1752	1757	rVB	16389749	40165519	29.03%	20.949%
14	13.914	1775	1800	1803	rBV	27604608	138340971	100.00%	72.155%
15	14.166	1837	1843	1848	rVV	511603	735993	0.53%	0.384%
16	14.466	1887	1894	1900	rBV	527868	850349	0.61%	0.444%
17	14.760	1935	1944	1952	rBV2	278290	443140	0.32%	0.231%
18	15.036	1986	1991	2004	rVV2	89836	227314	0.16%	0.119%
19	15.747	2106	2112	2118	rVB	688137	1038685	0.75%	0.542%
20	15.888	2130	2136	2146	rBV	237846	373631	0.27%	0.195%
21	16.105	2168	2173	2182	rVB	132291	211227	0.15%	0.110%
22	16.781	2283	2288	2293	rVB	100191	153936	0.11%	0.080%
23	16.869	2296	2303	2307	rBV	429454	673055	0.49%	0.351%
24	17.503	2405	2411	2418	rVB	320704	505919	0.37%	0.264%
25	17.597	2422	2427	2437	rVV2	678243	1068782	0.77%	0.557%
26	17.691	2439	2443	2451	rVB	221574	330446	0.24%	0.172%
27	19.883	2810	2816	2821	rBV	850835	1250939	0.90%	0.652%
28	21.781	3135	3139	3146	rVB2	331824	540479	0.39%	0.282%
29	24.877	3659	3666	3674	rVB	410475	1068570	0.77%	0.557%

Sum of corrected areas: 191727350

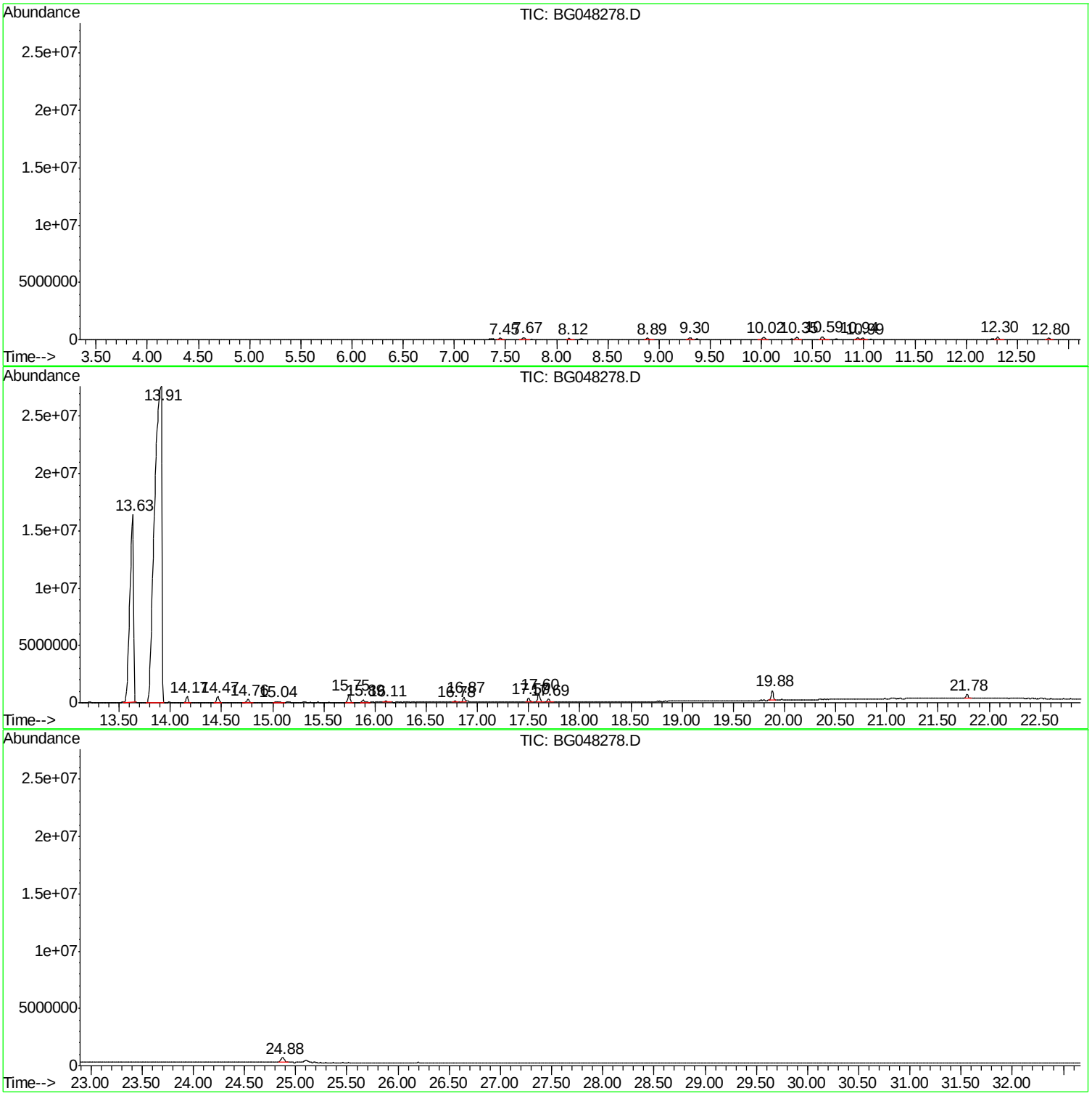
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048278.D
Acq On : 22 Feb 2021 21:27
Operator : CG/JU
Sample : M1429-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS1

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 : BG048278.D
Acq On : 22 Feb 2021 21:27
Operator : CG/JU
Sample : M1429-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS1

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

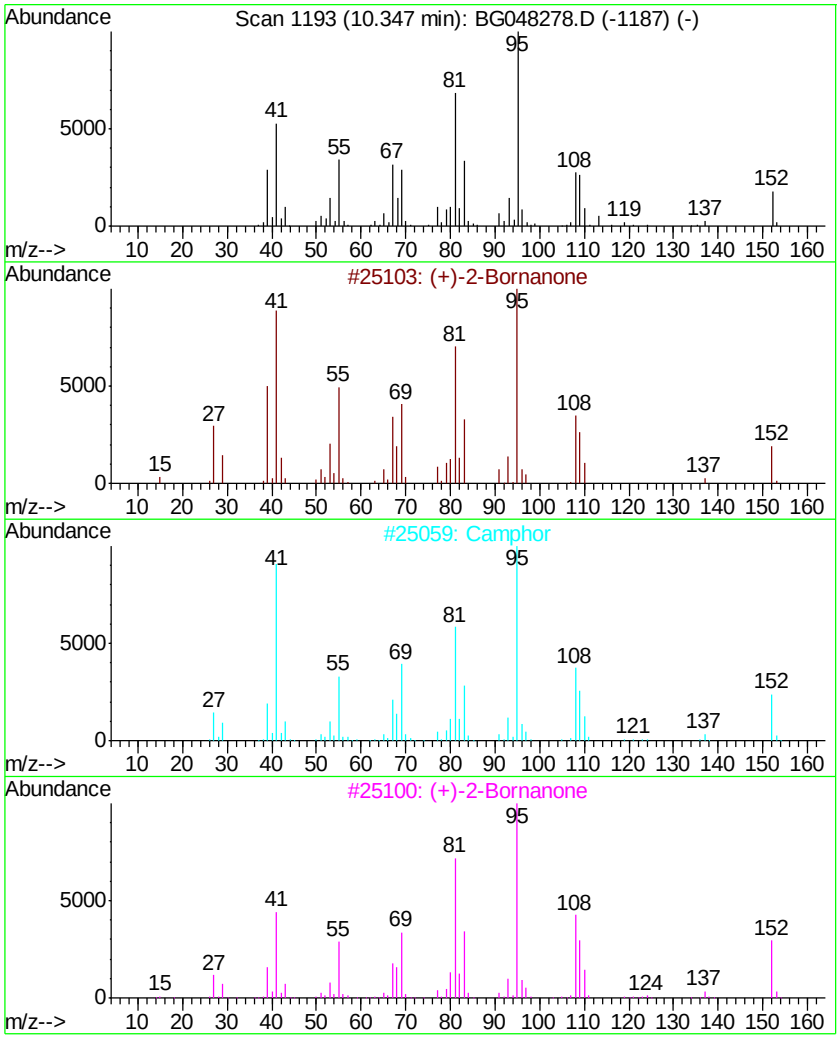
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

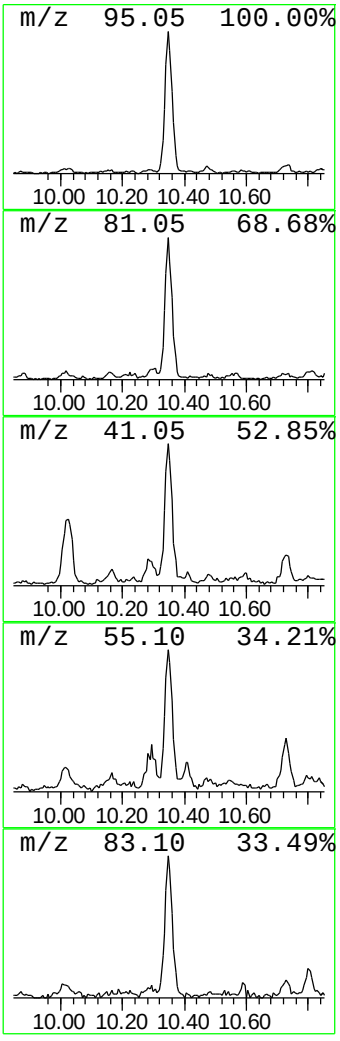
****

Peak Number 1 (+)-2-Bornanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	26.28 ng/ul	377428	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	94
2	Camphor	152	C10H16O	000076-22-2	93
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	93
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	93
5	Camphor	152	C10H16O	000076-22-2	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048278.D
Acq On : 22 Feb 2021 21:27
Operator : CG/JU
Sample : M1429-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS1

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

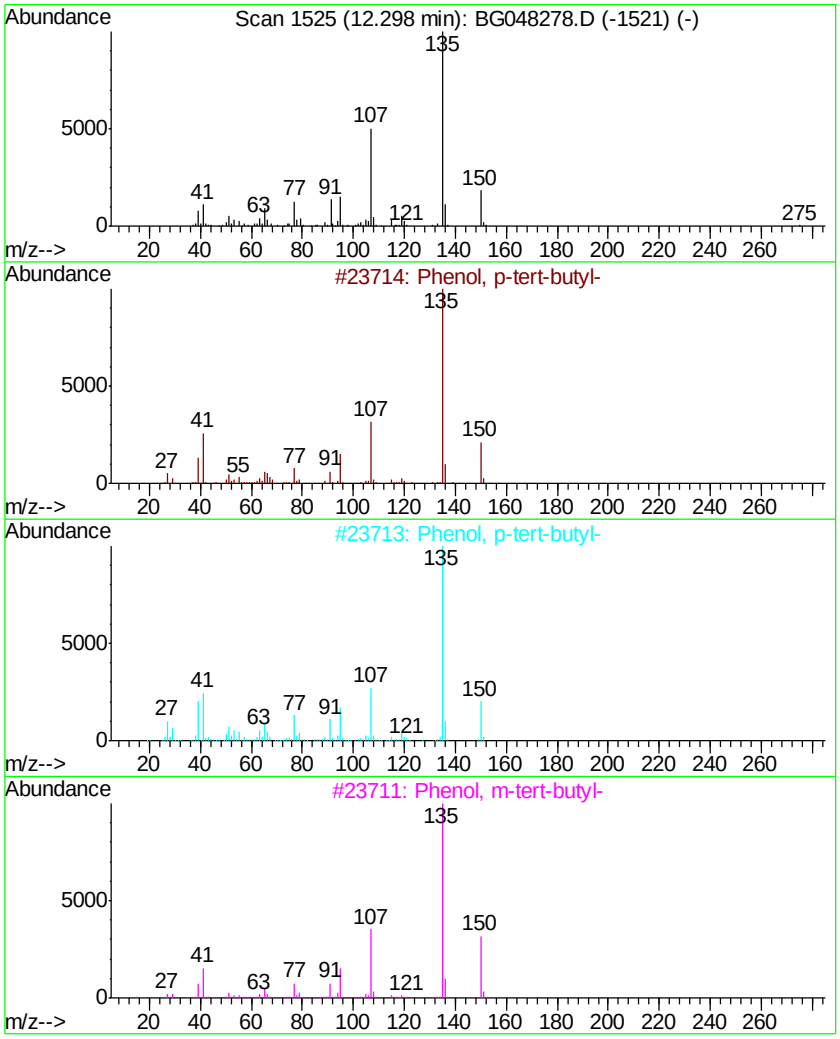
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

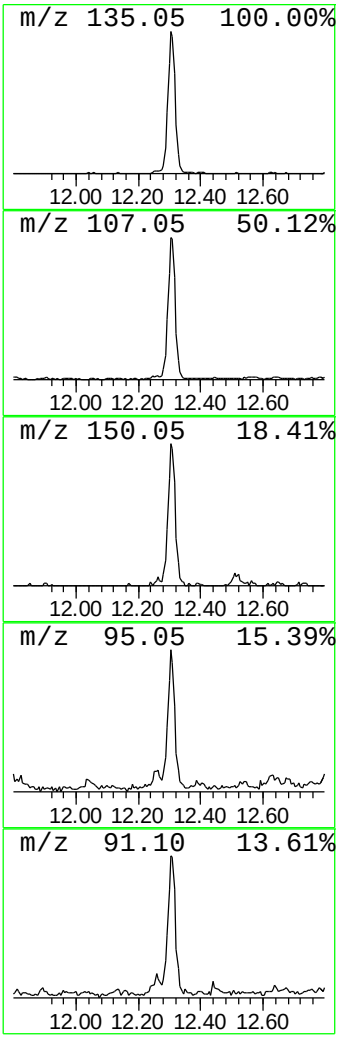
****

Peak Number 2 Phenol, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	29.02 ng/ul	416745	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	83
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	83
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048278.D
Acq On : 22 Feb 2021 21:27
Operator : CG/JU
Sample : M1429-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS1

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

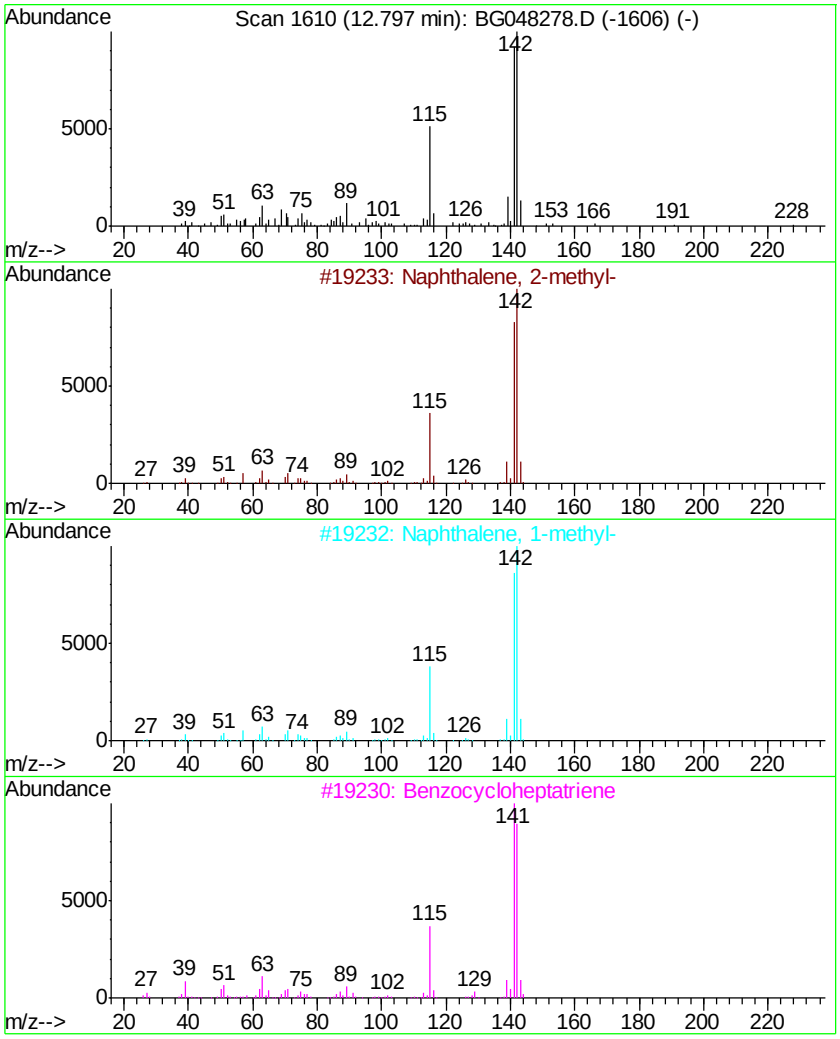
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

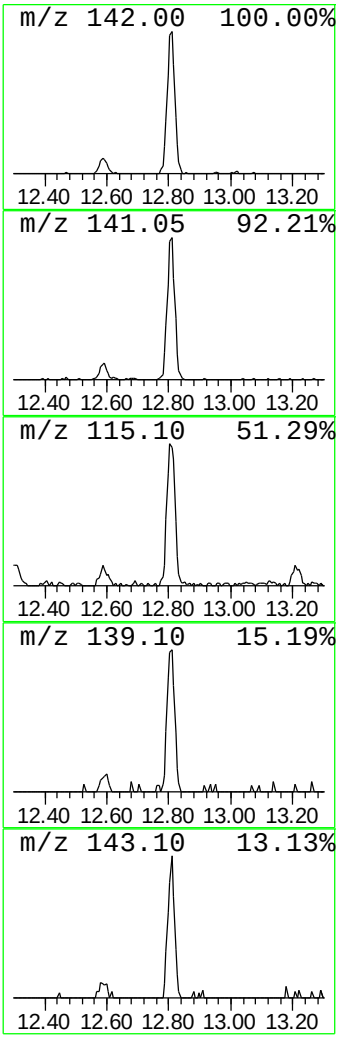
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	15.14 ng/ul	217419	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Benzocycloheptatriene	142	C11H10	000264-09-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048278.D
Acq On : 22 Feb 2021 21:27
Operator : CG/JU
Sample : M1429-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS1

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

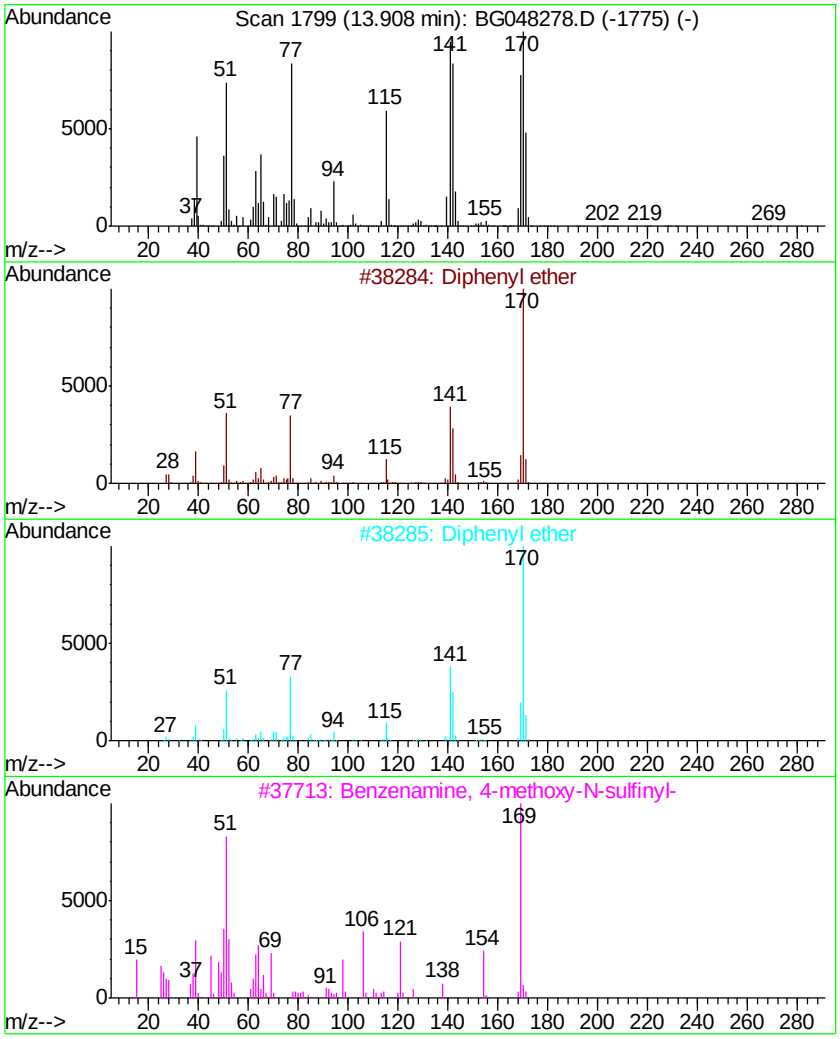
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

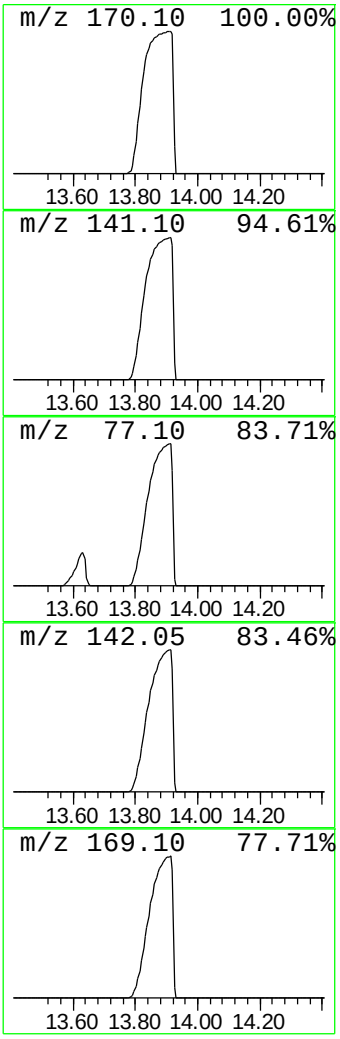
****

Peak Number 4 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	6243.67 ng/ul	138341000	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	Benzenamine, 4-methoxy-N-sulfinyl-	169	C7H7NO2S	013165-69-0	38
4	Acetonitrile, 2-(3-cyanophenyl)-	142	C9H6N2	016532-78-8	25
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	15





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048278.D
Acq On : 22 Feb 2021 21:27
Operator : CG/JU
Sample : M1429-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS1

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

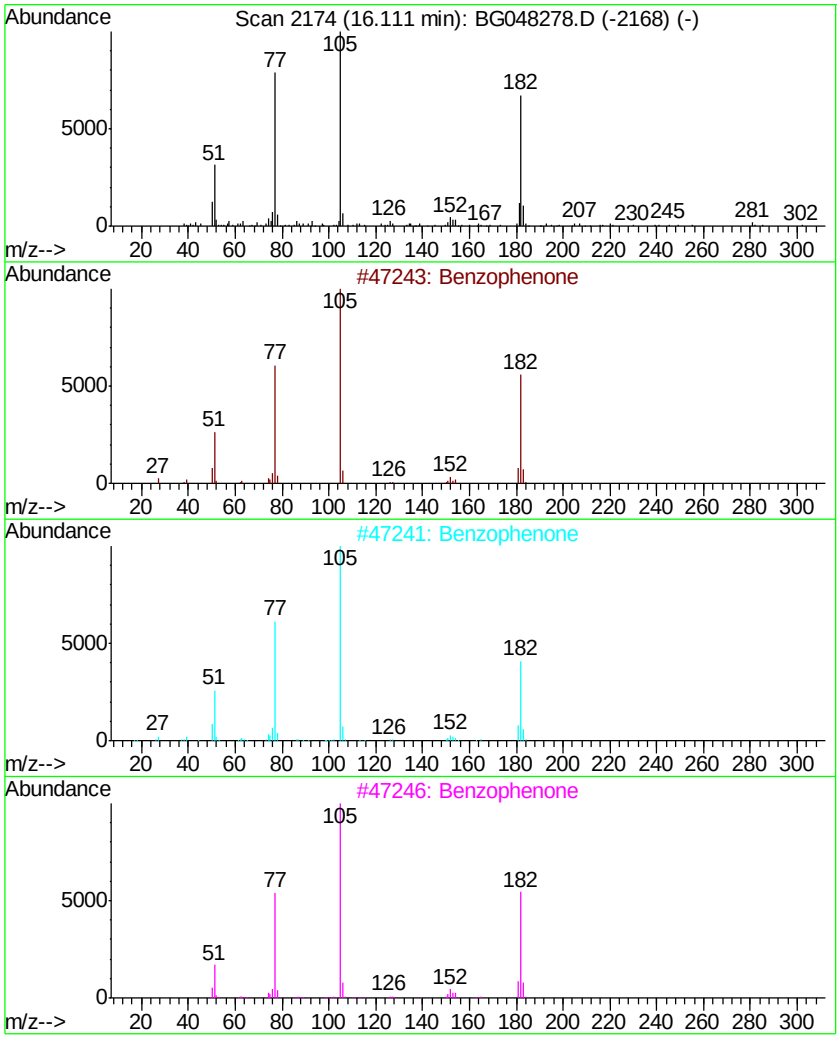
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

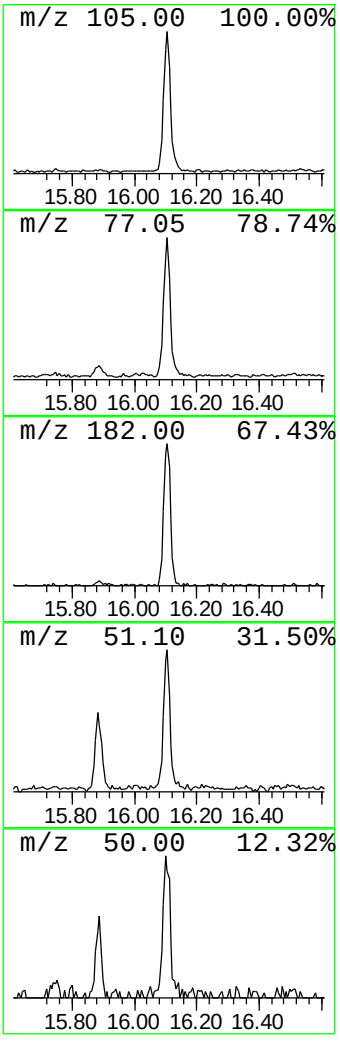
****

Peak Number 5 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	9.53 ng/ul	211227	Acenaphthene-d10	14.76

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
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Acq On : 22 Feb 2021 21:27
Operator : CG/JU
Sample : M1429-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS1

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

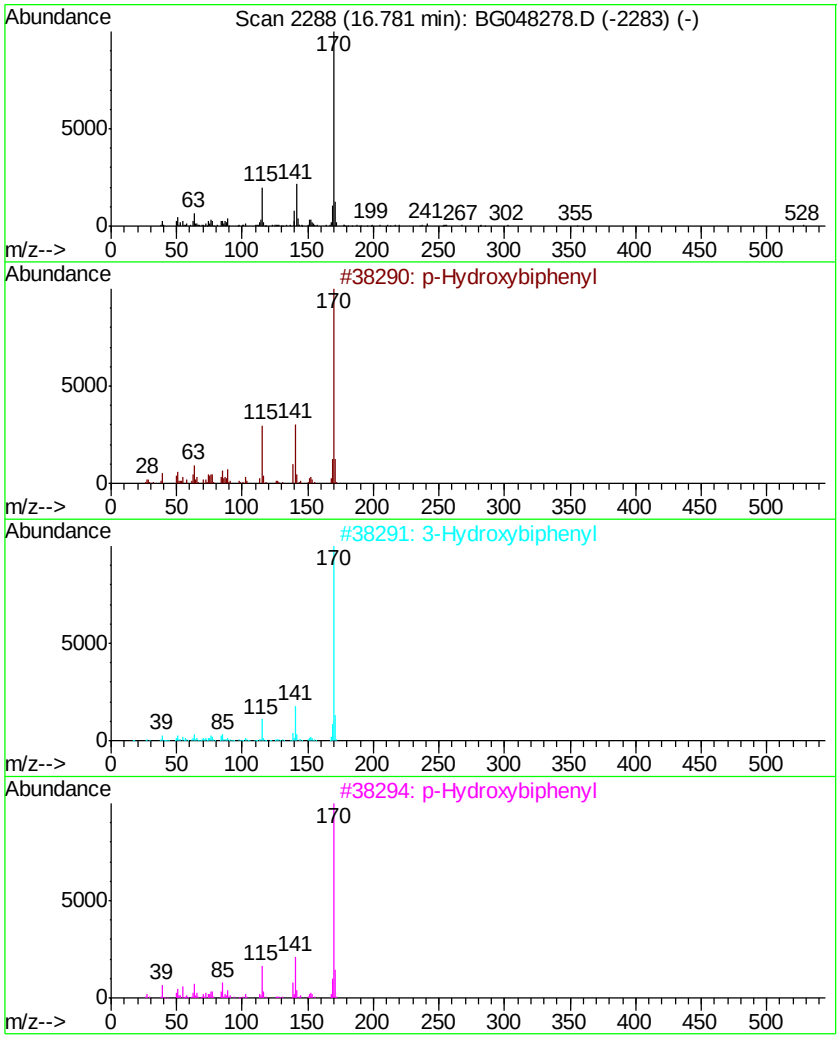
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

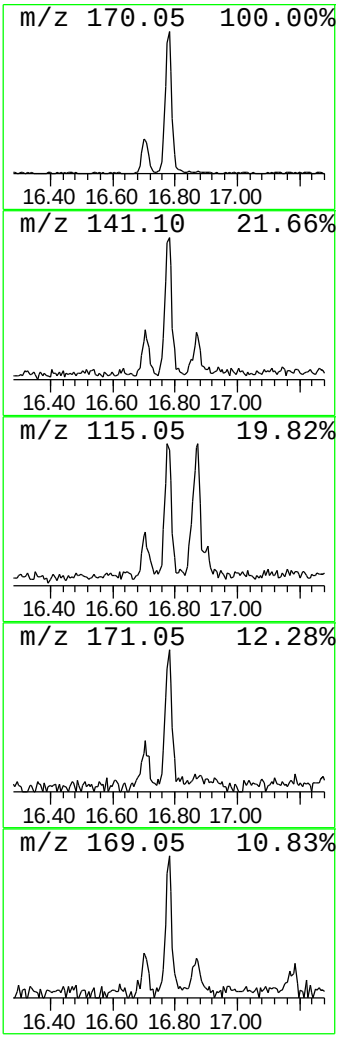
****

Peak Number 6 p-Hydroxybiphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	6.09 ng/ul	153936	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	91
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91





Library Search Compound Report

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Data File : BG048278.D
Acq On : 22 Feb 2021 21:27
Operator : CG/JU
Sample : M1429-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS1

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

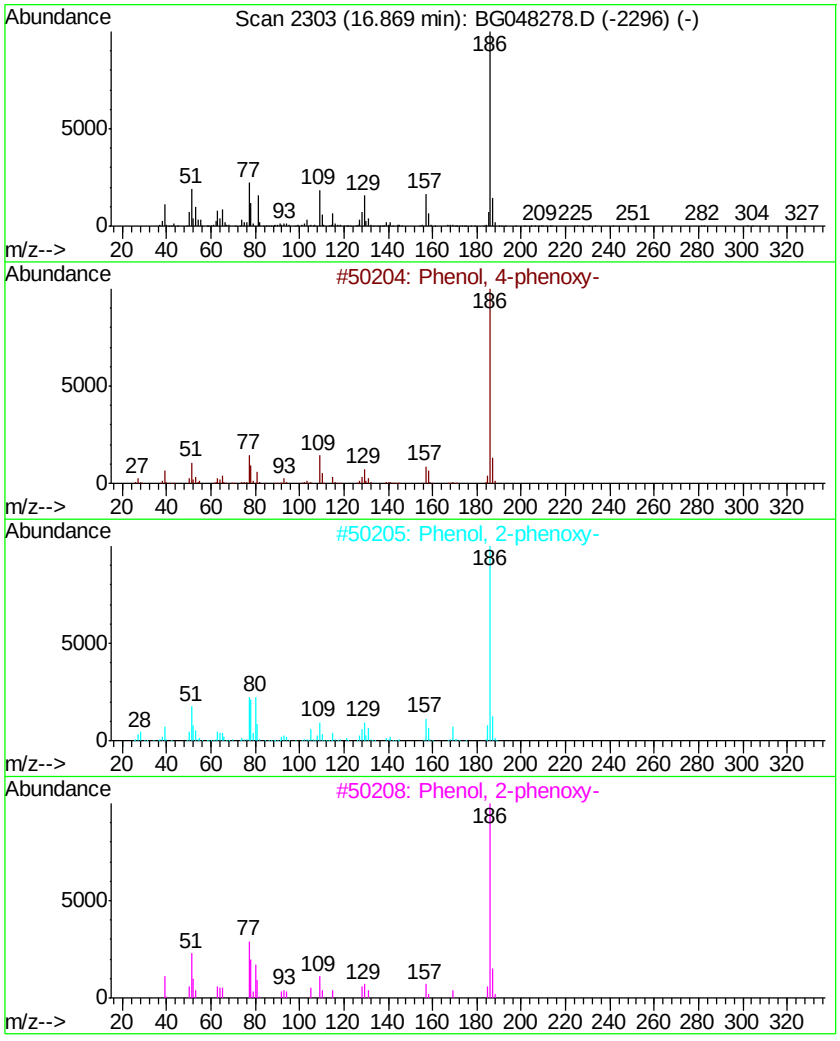
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

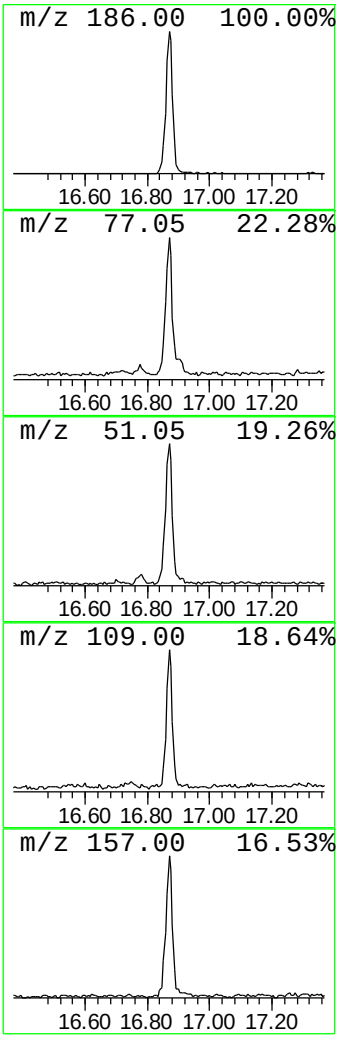
****

Peak Number 7 Phenol, 4-phenoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	26.61 ng/ul	673055	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	93
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	81
5	Thiazolo[4,5-f]quinoline	186	C10H6N2S	000233-75-0	53





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Operator : CG/JU
Sample : M1429-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS1

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

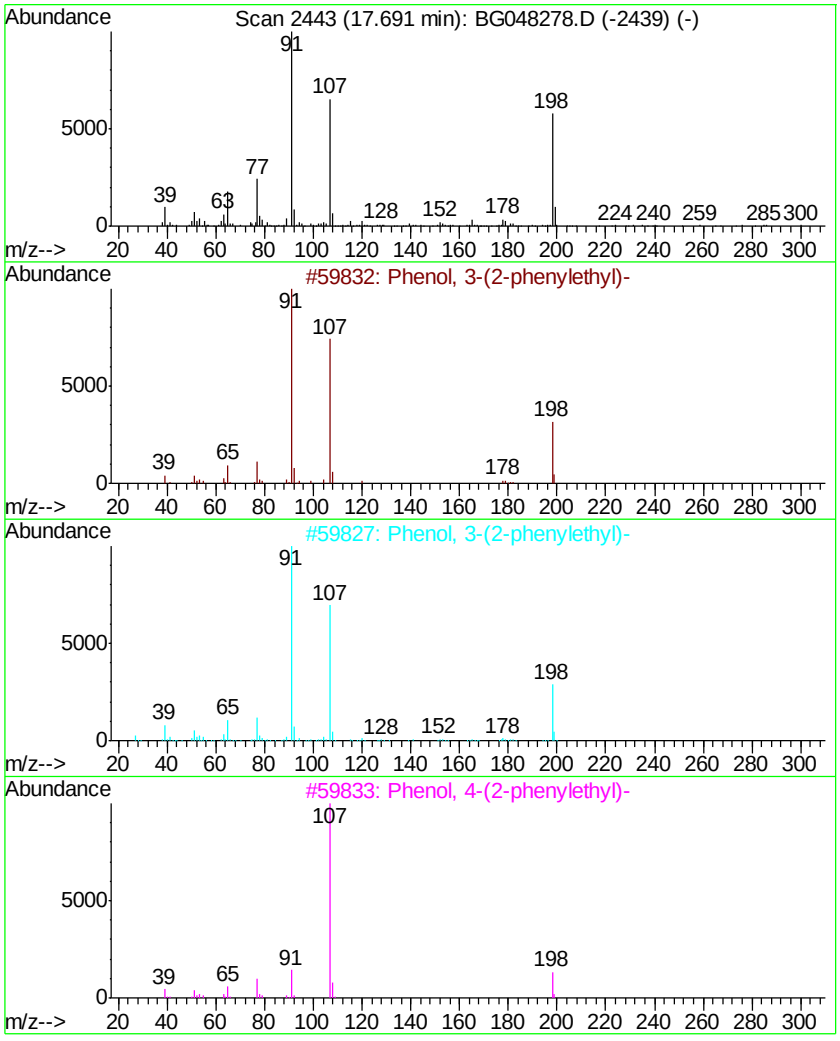
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

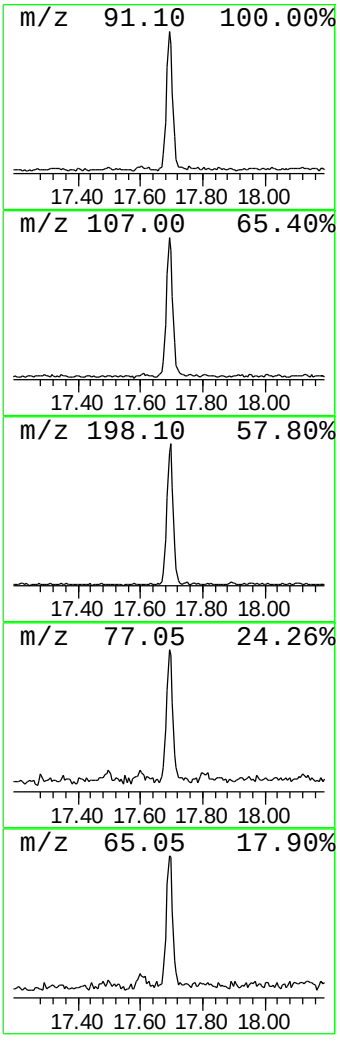
****

Peak Number 8 Phenol, 3-(2-phenylethyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	13.06 ng/ul	330446	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	Phenol, 4-(2-phenylethyl)-	198	C14H14O	006335-83-7	80
4	Benzene, 1-methyl-2-(phenylmetho...	198	C14H14O	019578-70-2	47
5	2-Propen-1-one, 3-(2-furanyl)-1-...	198	C13H10O2	000717-21-5	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022221\
Data File : BG048278.D
Acq On : 22 Feb 2021 21:27
Operator : CG/JU
Sample : M1429-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS1

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
(+)-2-Bornanone	10.35	26.3	ng/ul	377428	2	10.94	287198	20.0
Phenol, p-tert-bu...	12.30	29.0	ng/ul	416745	2	10.94	287198	20.0
Naphthalene, 1-me...	12.80	15.1	ng/ul	217419	2	10.94	287198	20.0
Diphenyl ether	13.91	6243.7	ng/ul	138341000	3	14.76	443140	20.0
Benzophenone	16.11	9.5	ng/ul	211227	3	14.76	443140	20.0
p-Hydroxybiphenyl	16.78	6.1	ng/ul	153936	4	17.50	505919	20.0
Phenol, 4-phenoxy-	16.87	26.6	ng/ul	673055	4	17.50	505919	20.0
Phenol, 3-(2-phen...	17.69	13.1	ng/ul	330446	4	17.50	505919	20.0