LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048279.D
Acq On : 22 Feb 2021 22:07
Operator : CG/JU
Sample : M1429-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS8

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	7.375	684	687	694	rVV	91032	153648	0.11%	0.081%
2	7.446	694	699	707	rVV	137267	249091	0.18%	0.132%
3	7.675	729	738	747	rVV2	188233	385820	0.29%	0.204%
4	8.121	807	814	821	rBV	131797	227950	0.17%	0.121%
5	8.885	938	944	953	rBV	156739	279267	0.21%	0.148%
6	9.302	1007	1015	1022	rBV	218637	389942	0.29%	0.206%
7	10.025	1127	1138	1146	rBV	207323	382125	0.28%	0.202%
8	10.595	1226	1235	1249	rBV	268874	513396	0.38%	0.272%
9	10.942	1286	1294	1299	rBV	176785	318221	0.24%	0.168%
10	12.804	1605	1611	1618	rVB	83160	142280	0.11%	0.075%
11	13.633	1731	1752	1756	rBV	16469350	40512820	29.93%	21.433%
12	13.909	1774	1799	1803	rBV3	27700533	135340654	100.00%	71.599%
13	14.161	1836	1842	1848	rBV	580993	851722	0.63%	0.451%
14	14.461	1886	1893	1904	rBV	572552	916293	0.68%	0.485%
15	14.761	1939	1944	1949	rVV2	286551	454152	0.34%	0.240%
16	15.154	2004	2011	2016	rBV	107988	172799	0.13%	0.091%
17	15.748	2105	2112	2118	rVB	726225	1114934	0.82%	0.590%
18	15.883	2130	2135	2141	rBV	263908	389095	0.29%	0.206%
19	16.776	2282	2287	2292	rBV	110703	158439	0.12%	0.084%
20	16.870	2296	2303	2309	rBV	386577	605468	0.45%	0.320%
21	17.499	2404	2410	2418	rBV	356060	567475	0.42%	0.300%
22	17.599	2421	2427	2437	rVB	808357	1182983	0.87%	0.626%
23	19.878	2810	2815	2821	rBV	926625	1366357	1.01%	0.723%
24	21.782	3134	3139	3146	rVB2	358299	565950	0.42%	0.299%
25	24.861	3656	3663	3675	rVB2	442974	1253095	0.93%	0.663%
26	25.096	3697	3703	3713	rVB	194073	531163	0.39%	0.281%

Sum of corrected areas: 189025139

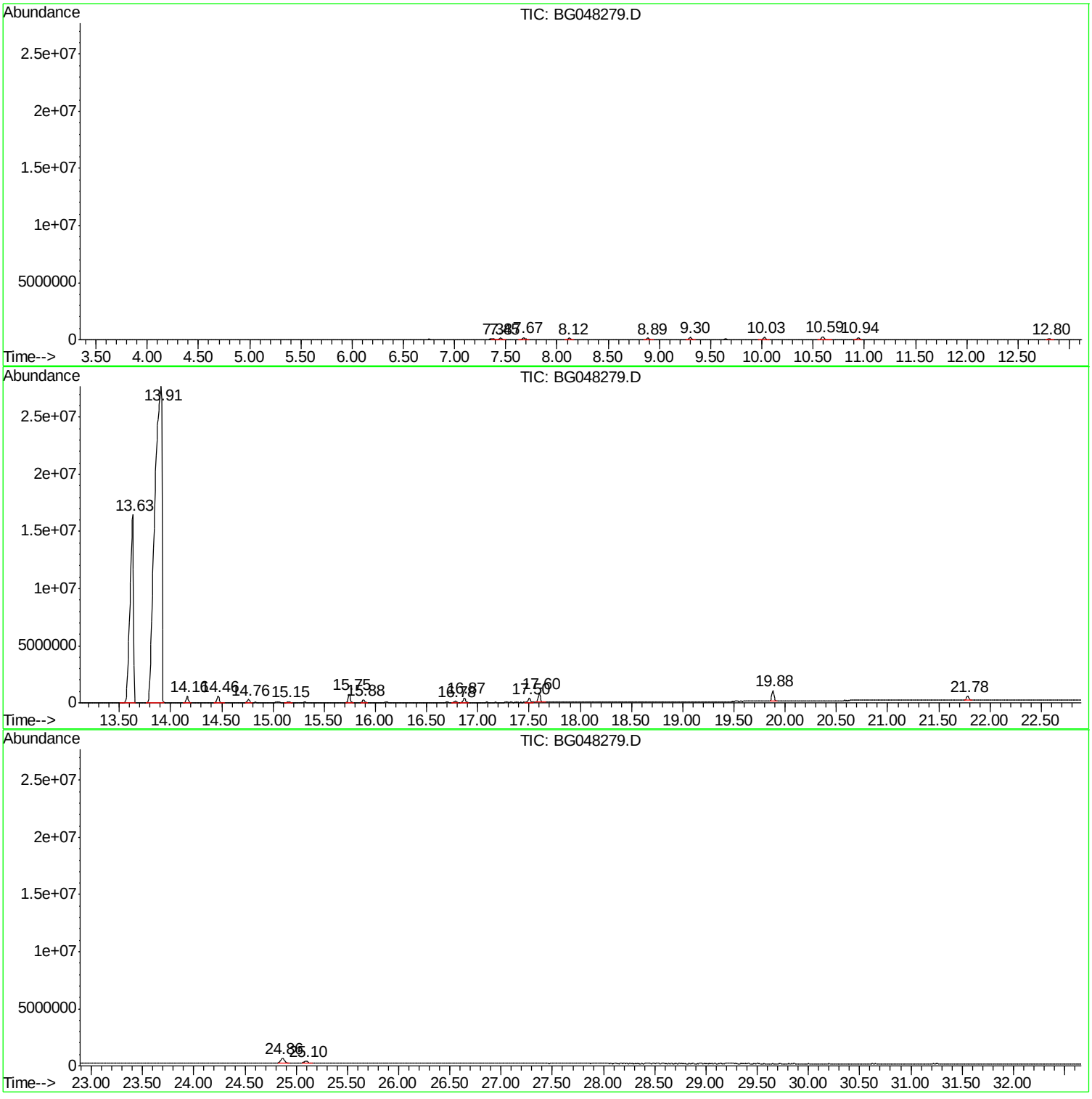
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048279.D
Acq On : 22 Feb 2021 22:07
Operator : CG/JU
Sample : M1429-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS8

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 : BG048279.D
Acq On : 22 Feb 2021 22:07
Operator : CG/JU
Sample : M1429-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS8

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

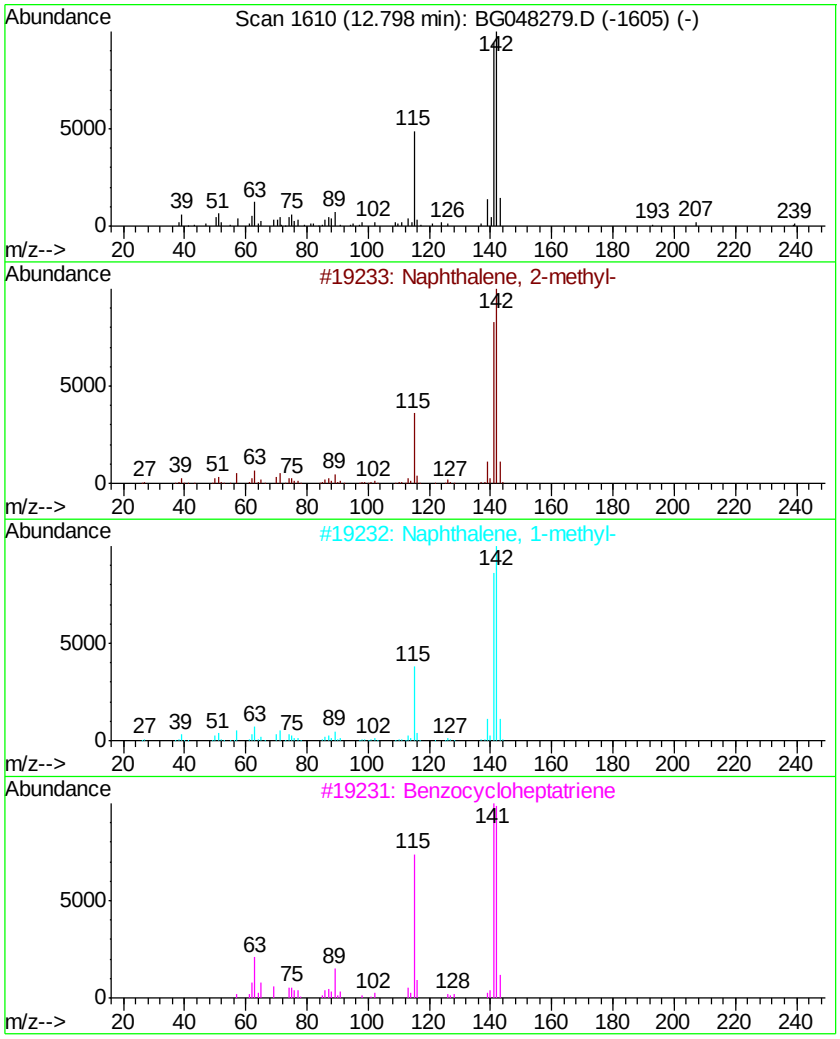
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

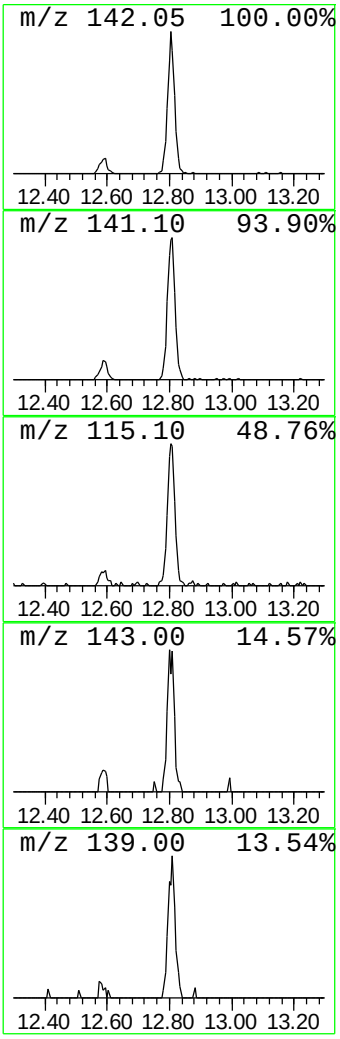
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	8.94 ng/ul	142280	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3	Benzocycloheptatriene	142	C11H10	000264-09-5	93
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048279.D
Acq On : 22 Feb 2021 22:07
Operator : CG/JU
Sample : M1429-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS8

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

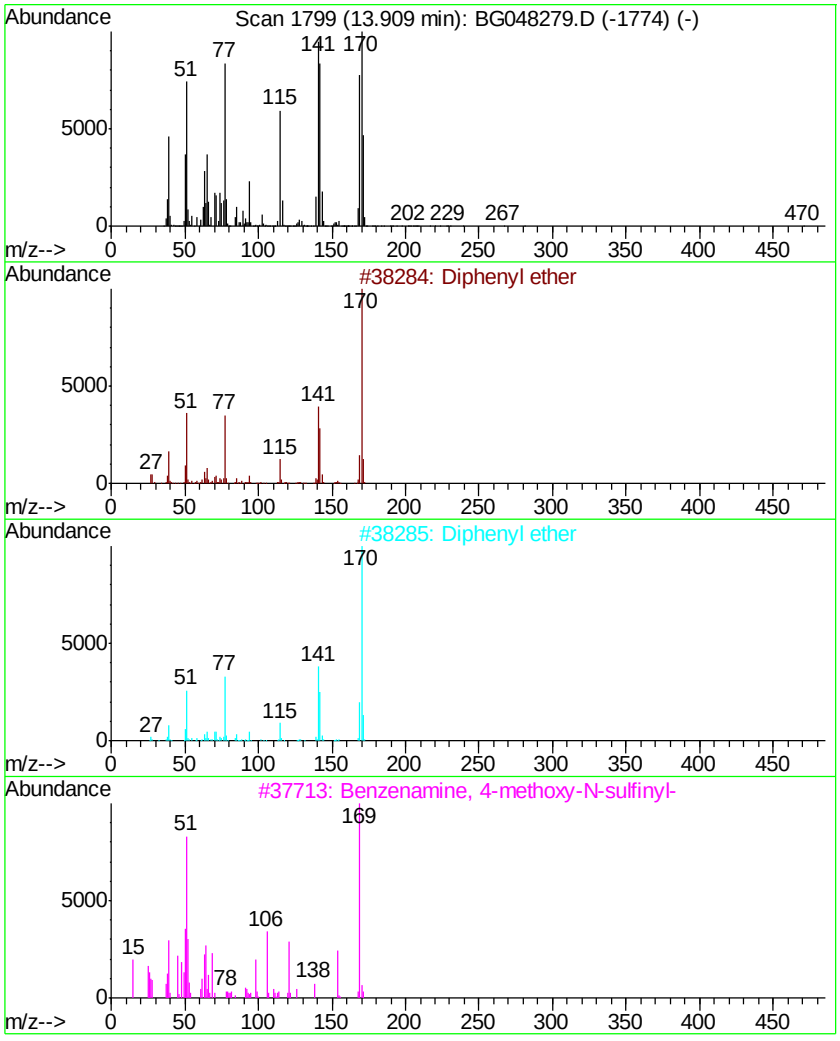
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

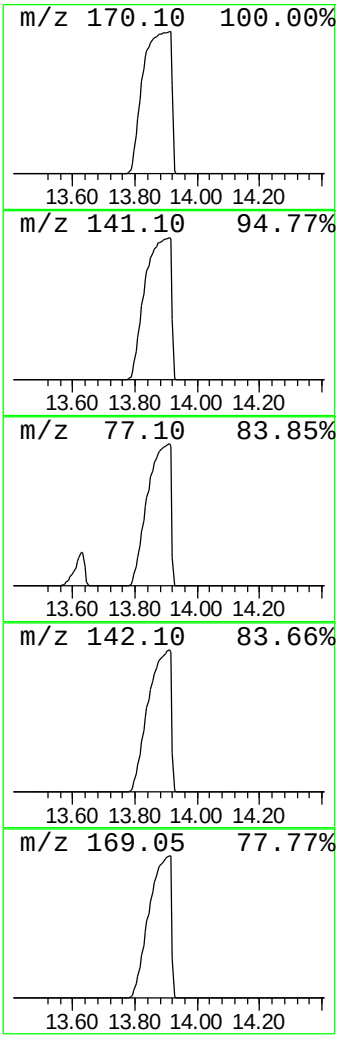
****

Peak Number 2 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	5960.15 ng/ul	135341000	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 : BG048279.D
Acq On : 22 Feb 2021 22:07
Operator : CG/JU
Sample : M1429-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS8

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

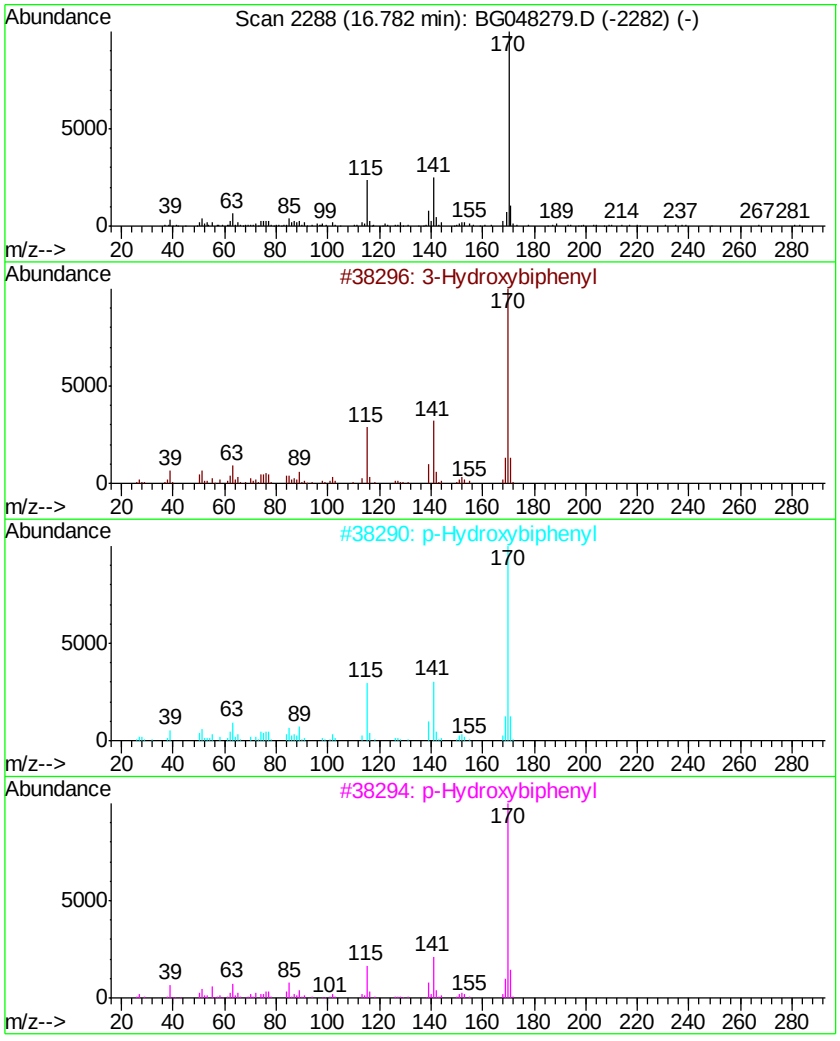
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

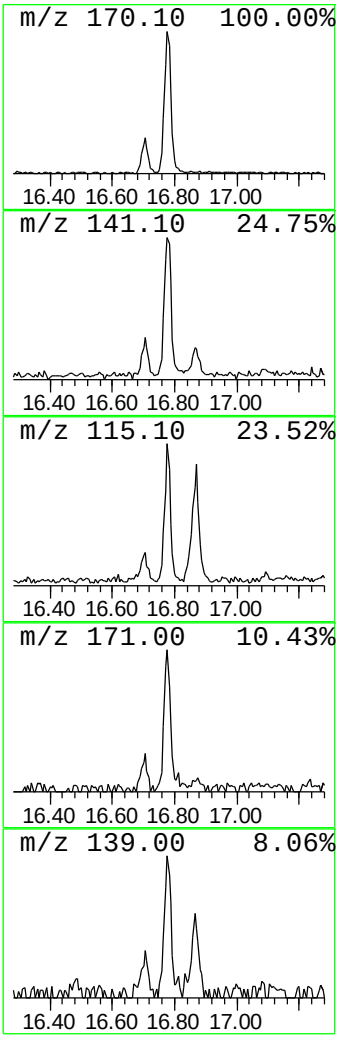
****

Peak Number 3 3-Hydroxybiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	5.58 ng/ul	158439	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	93
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048279.D
Acq On : 22 Feb 2021 22:07
Operator : CG/JU
Sample : M1429-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS8

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

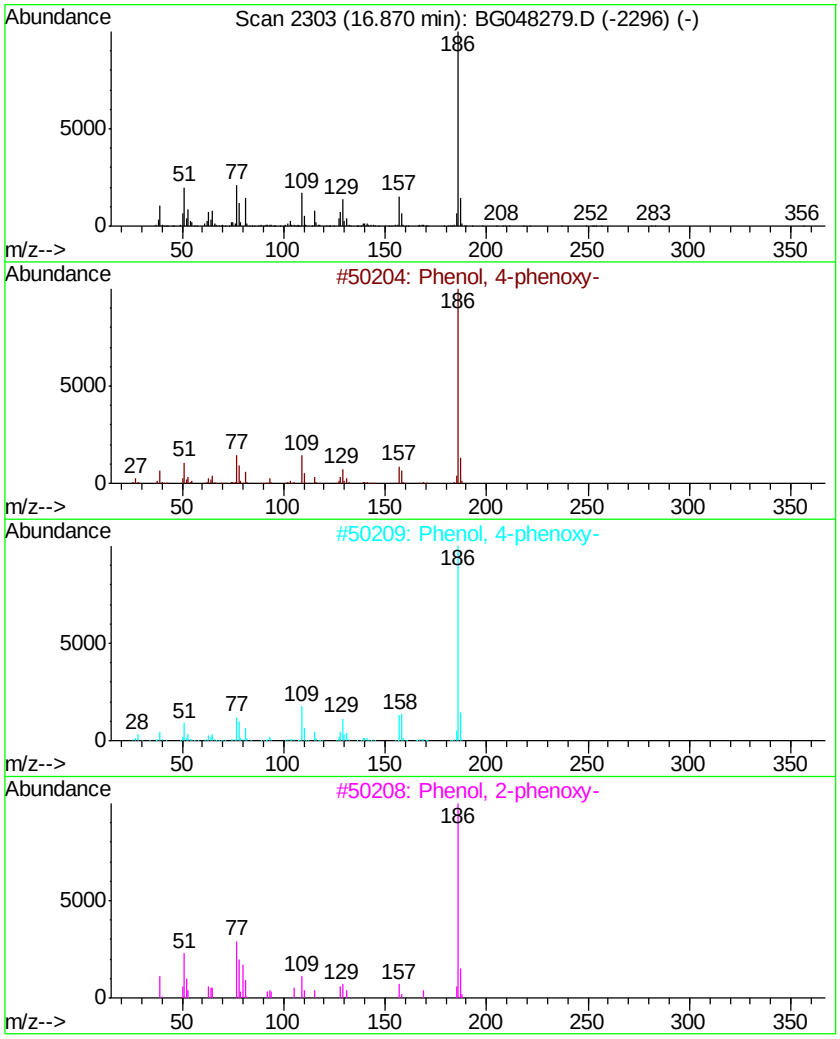
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

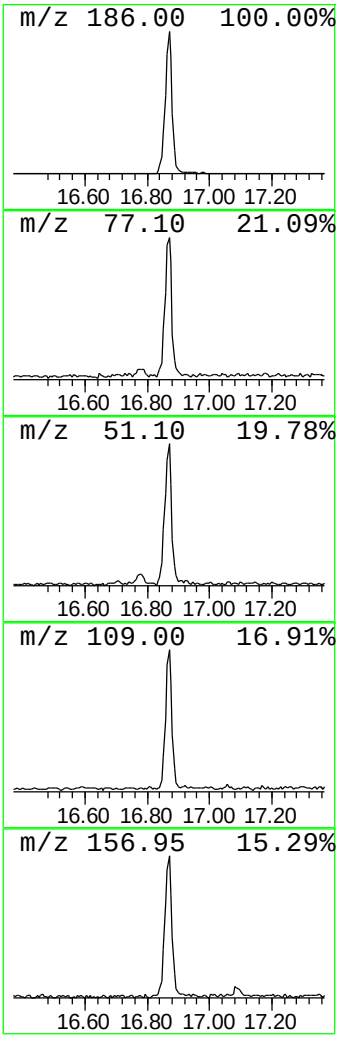
****

Peak Number 4 Phenol, 4-phenoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	21.34 ng/ul	605468	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	90
3	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	72
4	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	72
5	[1,1'-Biphenyl]-4,4'-diol	186	C12H10O2	000092-88-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022221\
Data File : BG048279.D
Acq On : 22 Feb 2021 22:07
Operator : CG/JU
Sample : M1429-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGS8

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
Naphthalene, 1-me...	12.80	8.9	ng/ul	142280	2	10.94	318221	20.0
Diphenyl ether	13.91	5960.1	ng/ul	135341000	3	14.76	454152	20.0
3-Hydroxybiphenyl	16.78	5.6	ng/ul	158439	4	17.50	567475	20.0
Phenol, 4-phenoxy-	16.87	21.3	ng/ul	605468	4	17.50	567475	20.0