LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-34

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.351	376	385	398	rBV	16563441	26585054	8.15%	5.128%
2	5.504	399	411	419	rBV2	32908324	99914339	30.63%	19.274%
3	5.846	462	469	478	rVB	8713795	12953075	3.97%	2.499%
4	7.469	739	745	751	rVB	2650626	3883541	1.19%	0.749%
5	8.922	983	992	998	rVV	2136150	3375908	1.04%	0.651%
6	9.875	1148	1154	1158	rVV2	1604757	3343292	1.03%	0.645%
7	10.016	1167	1178	1186	rBV2	1886797	3659188	1.12%	0.706%
8	10.245	1207	1217	1225	rBV	7227143	16568085	5.08%	3.196%
9	10.328	1225	1231	1251	rVB4	1869712	5504297	1.69%	1.062%
10	10.916	1294	1331	1335	rVV3	45026660	326146727	100.00%	62.916%
11	12.504	1592	1601	1606	rVB2	2051038	3536709	1.08%	0.682%
12	15.051	2023	2034	2039	rVV	5408222	12911815	3.96%	2.491%

Sum of corrected areas: 518382030

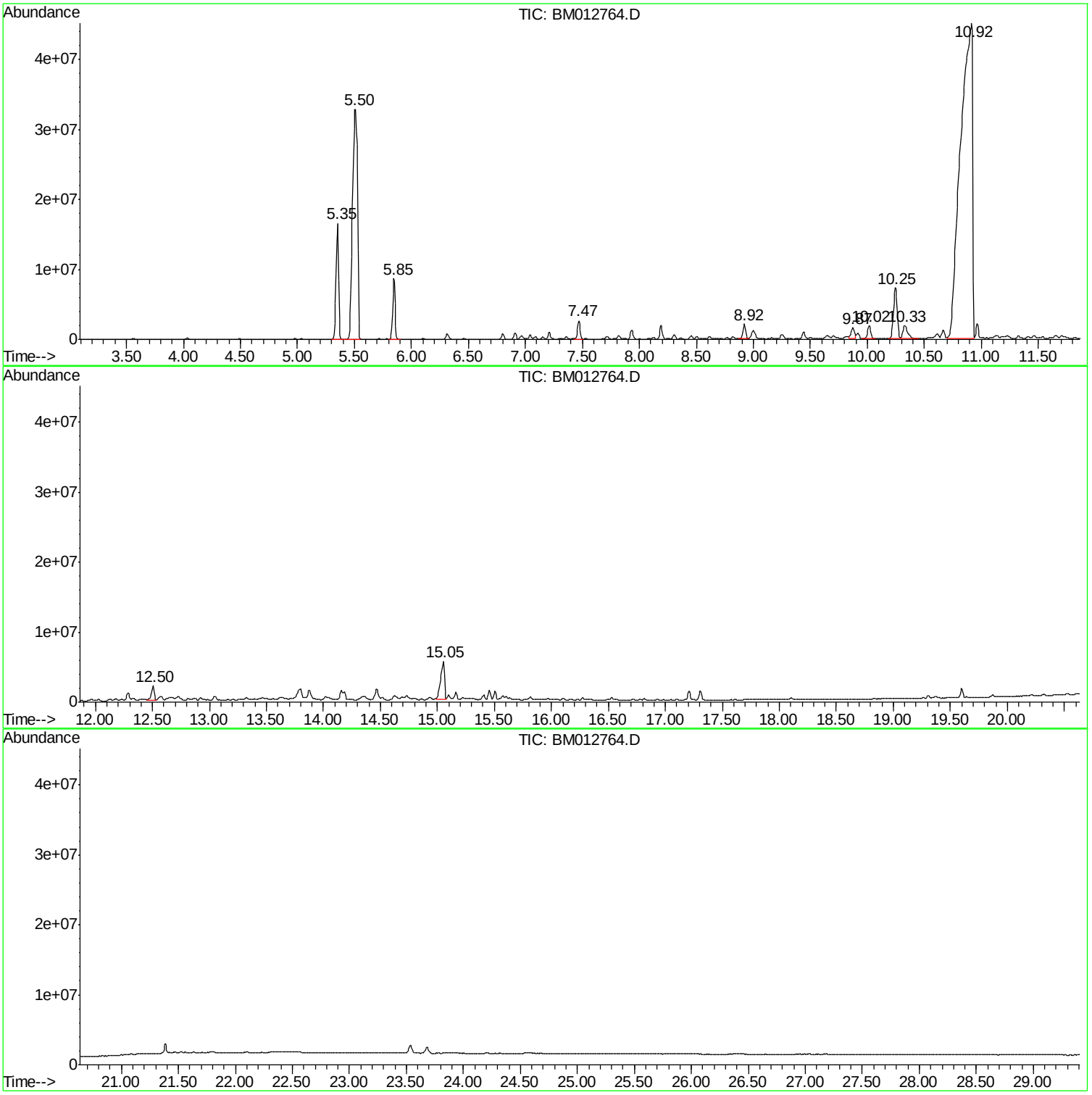
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

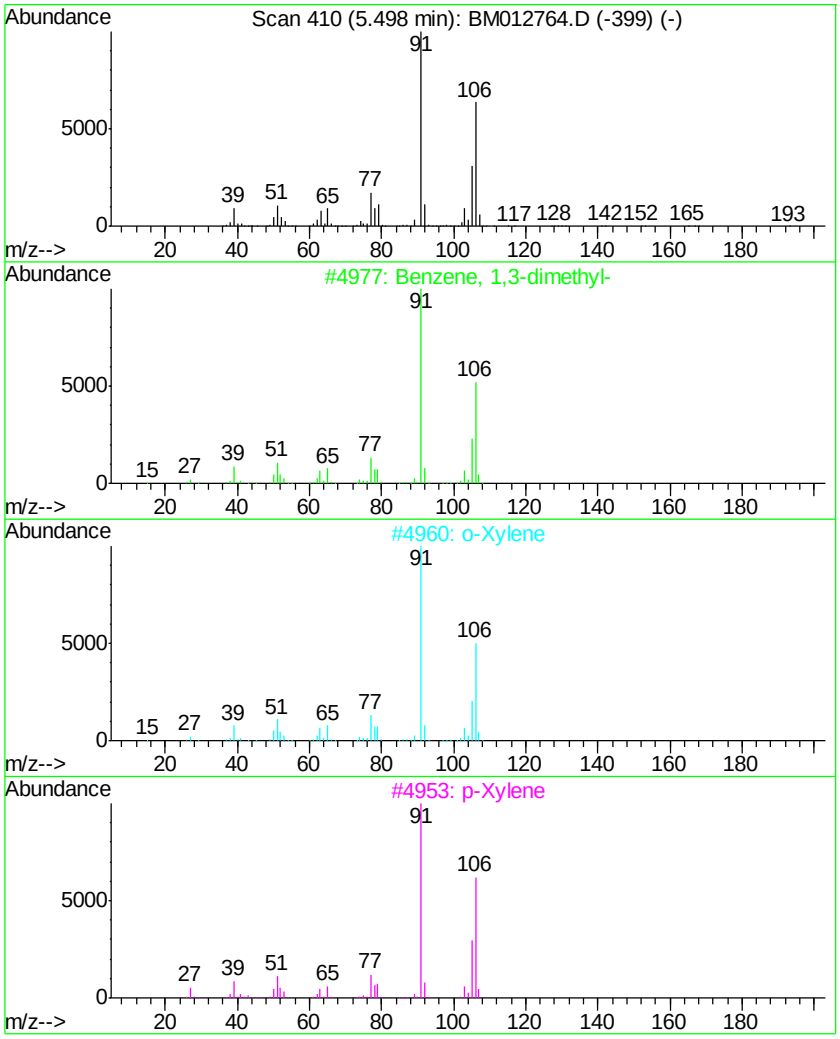
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

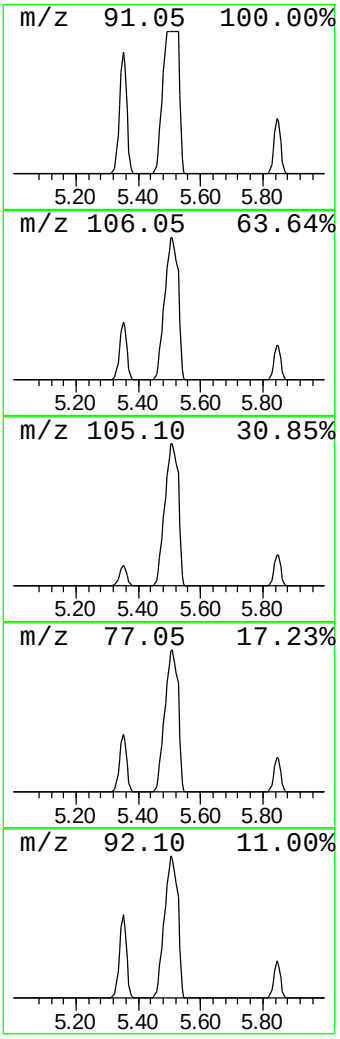
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	514.55 ng/ul	99914300	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	94
3	p-Xylene	106	C8H10	000106-42-3	94
4	o-Xylene	106	C8H10	000095-47-6	94
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

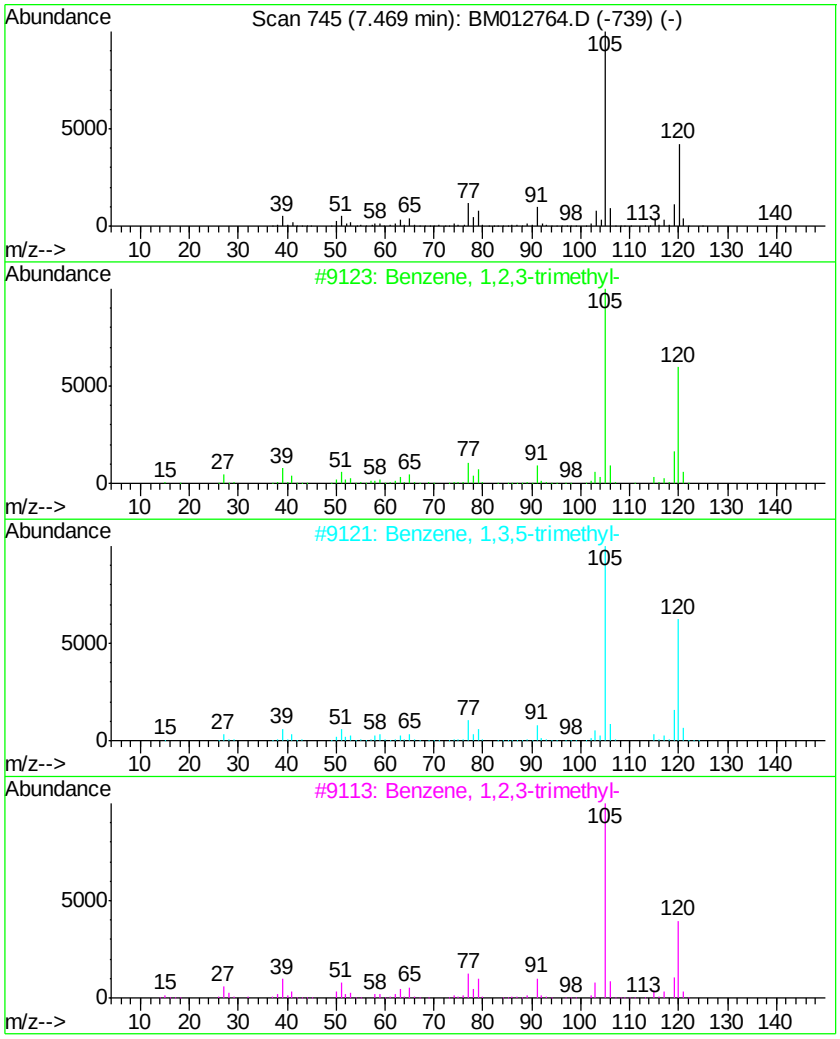
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

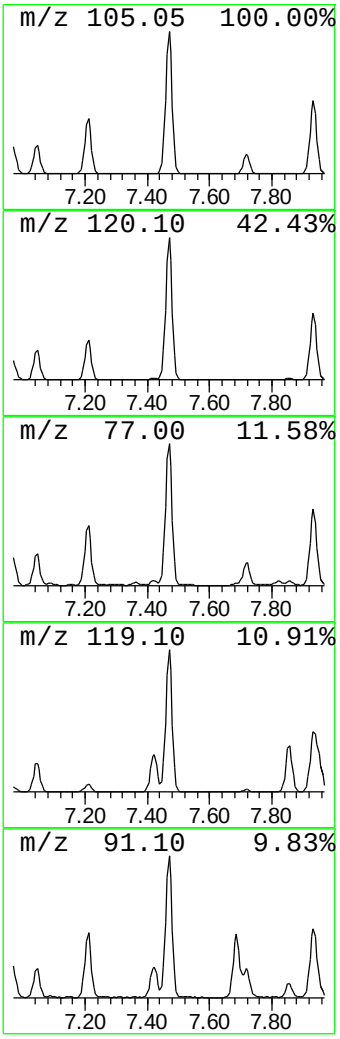
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	20.00 ng/ul	3883540	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

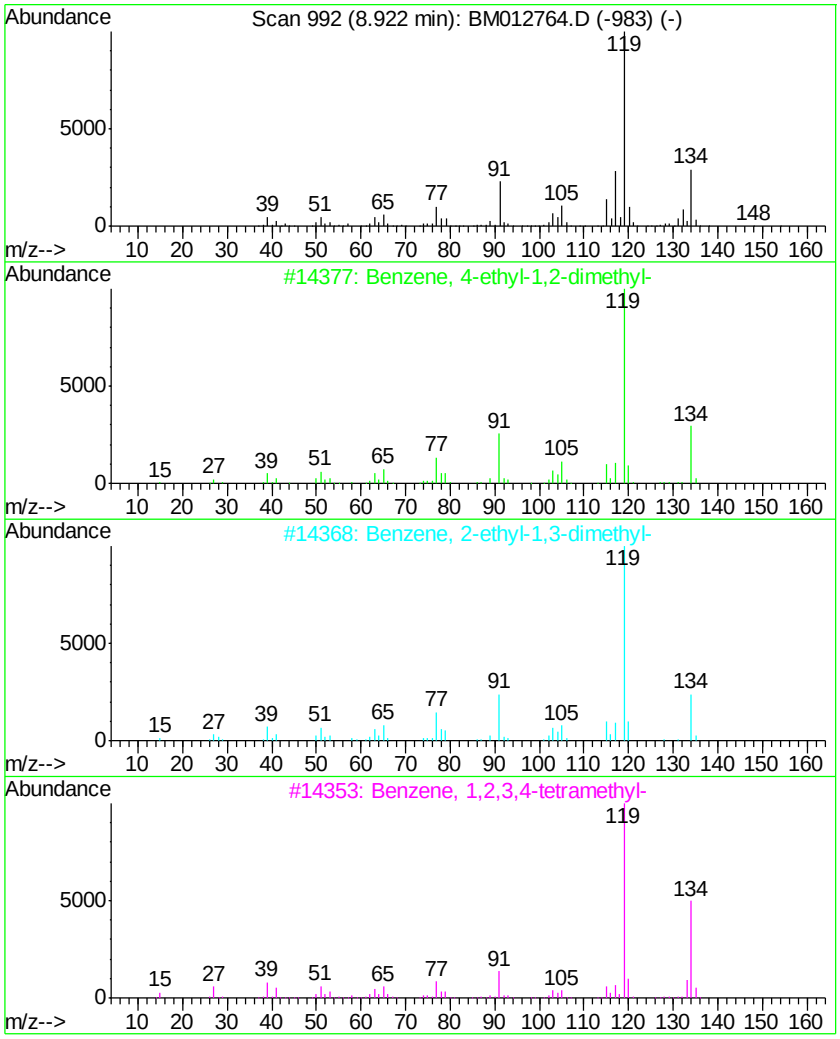
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

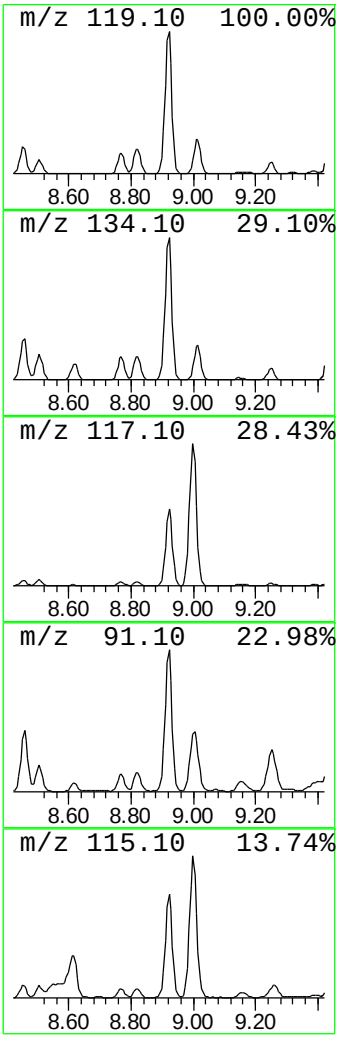
****

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	17.39 ng/ul	3375910	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

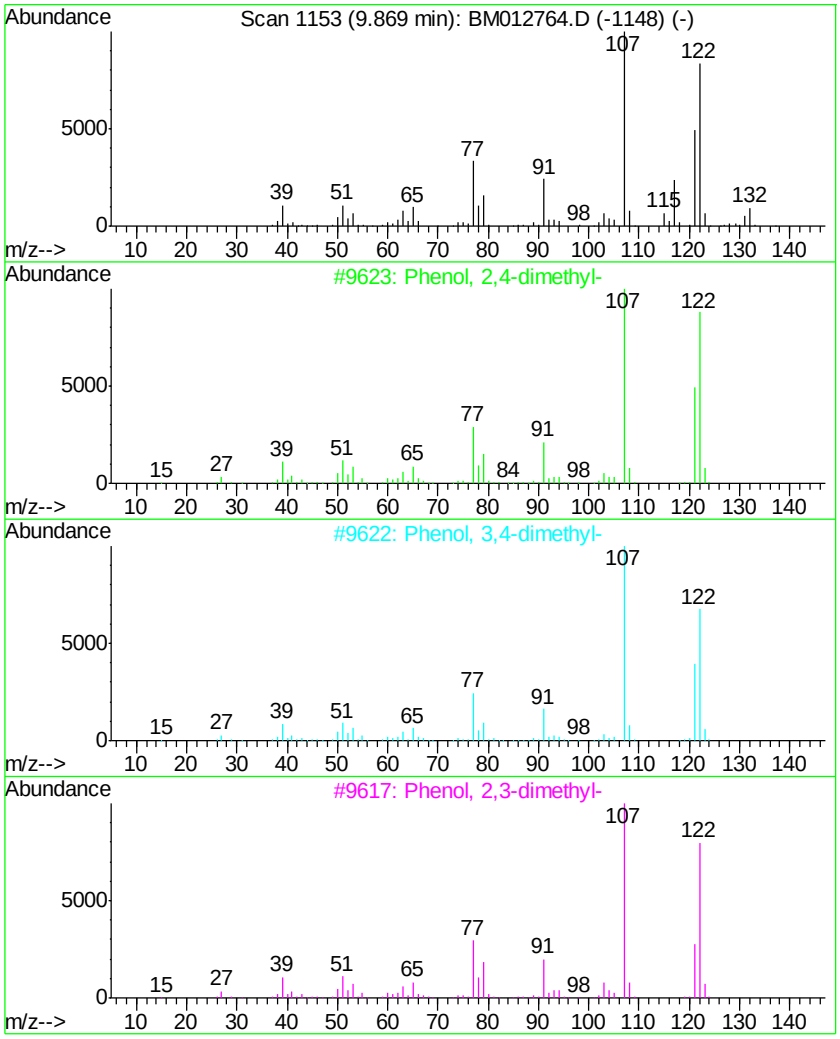
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

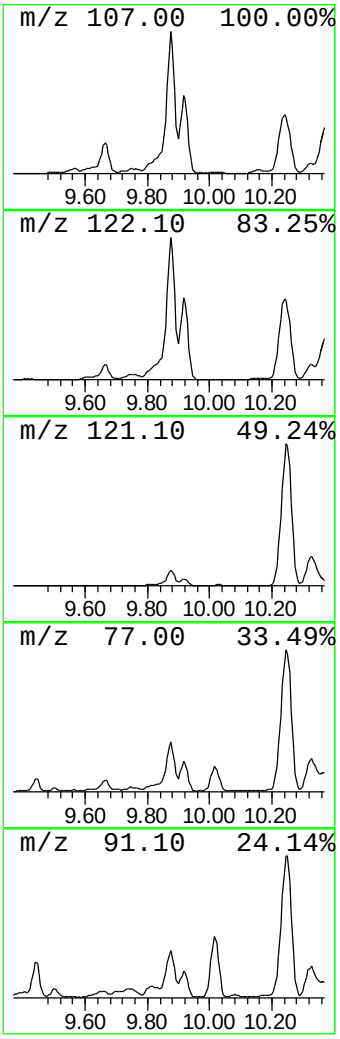
****

Peak Number 6 Phenol, 2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	12.15 ng/ul	3343290	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	93
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

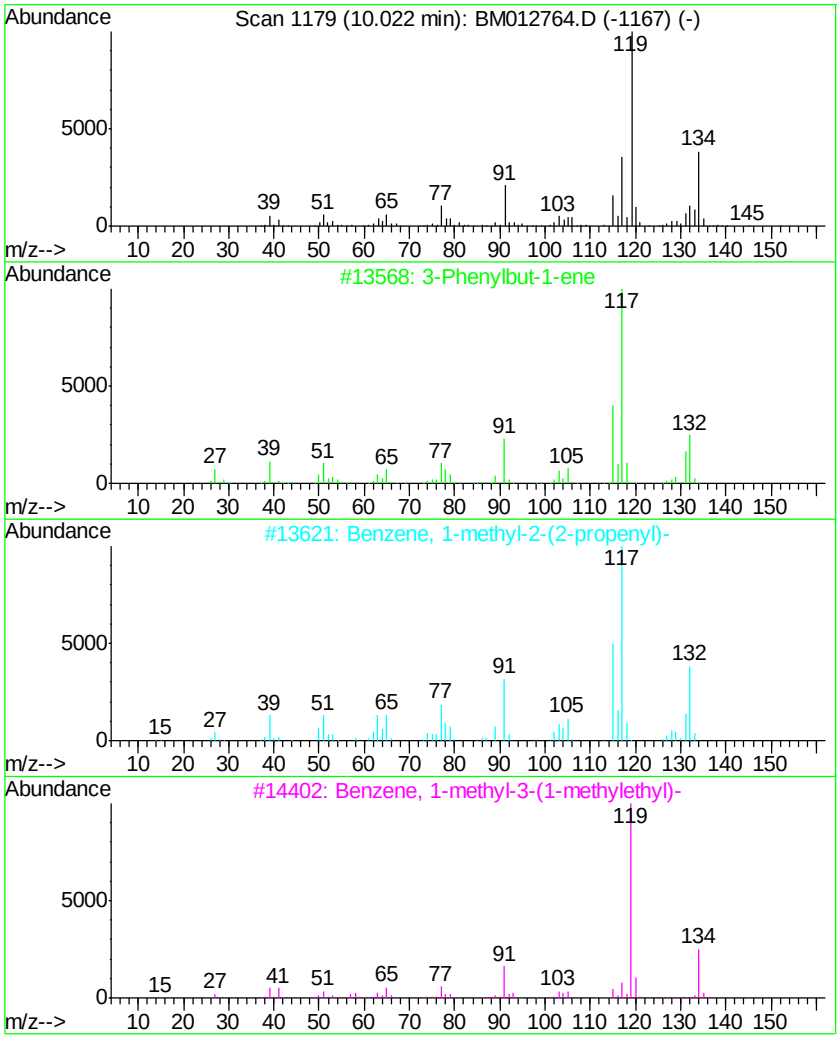
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

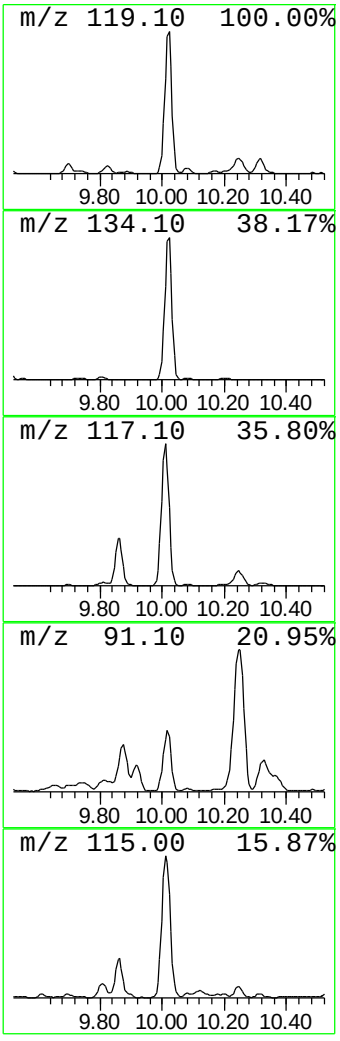
****

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	13.30 ng/ul	3659190	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

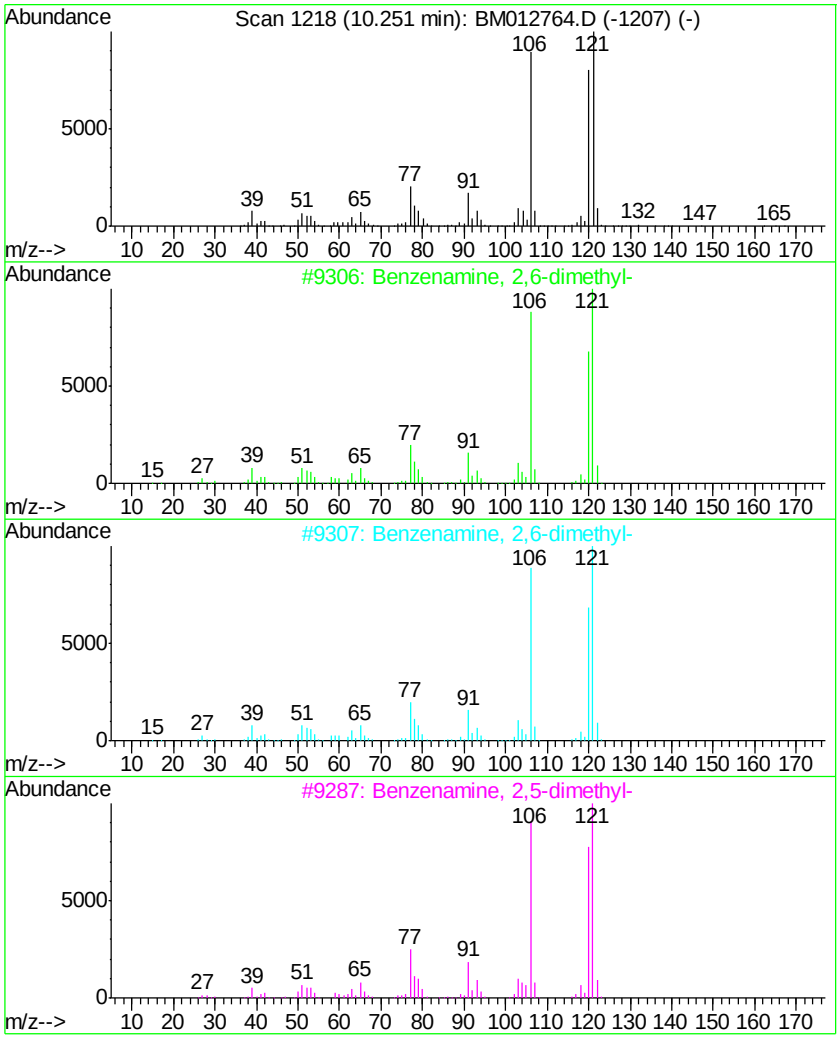
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

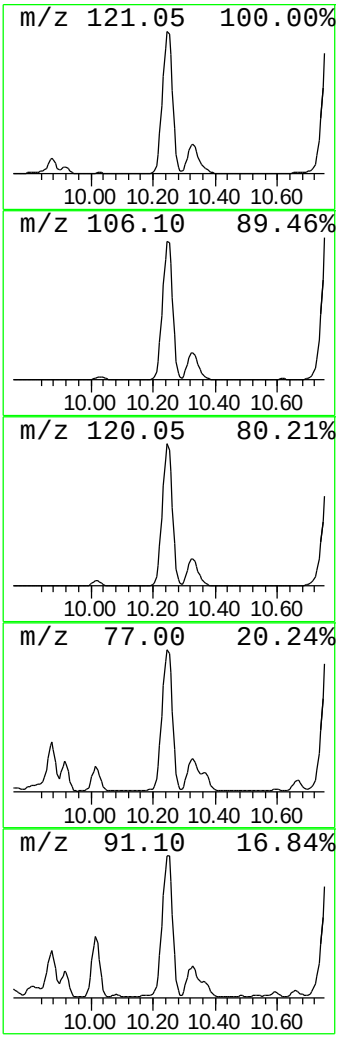
****

Peak Number 8 Benzenamine, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	60.20 ng/ul	16568100	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,6-dimethyl-	121	C8H11N	000087-62-7	97
2	Benzenamine, 2,6-dimethyl-	121	C8H11N	000087-62-7	97
3	Benzenamine, 2,5-dimethyl-	121	C8H11N	000095-78-3	97
4	Benzenamine, 2,5-dimethyl-	121	C8H11N	000095-78-3	97
5	Benzenamine, 2,4-dimethyl-	121	C8H11N	000095-68-1	97





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

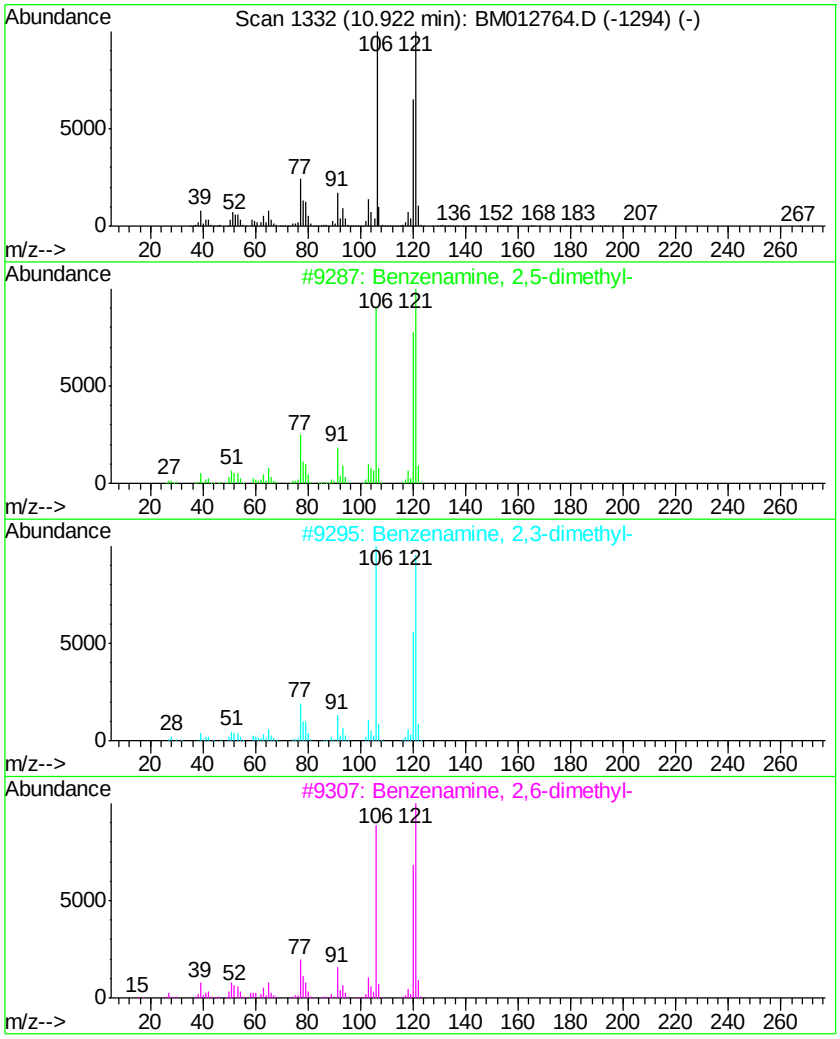
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

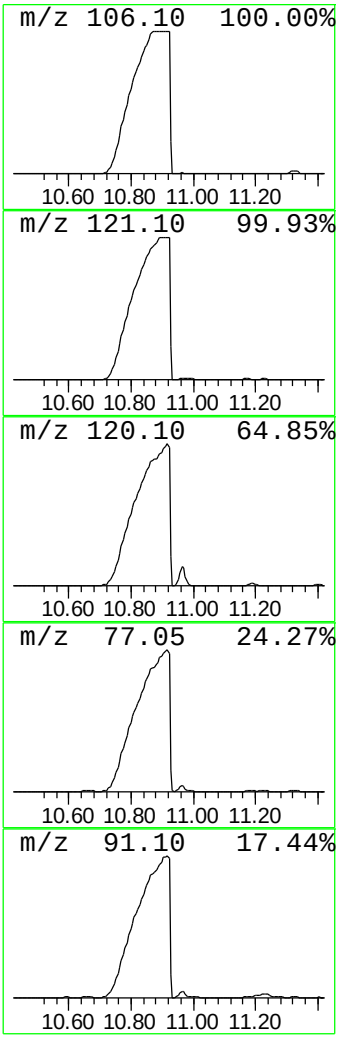
****

Peak Number 9 Benzenamine, 2,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	1185.06 ng/ul	326147000	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,5-dimethyl-	121	C8H11N	000095-78-3	97
2	Benzenamine, 2,3-dimethyl-	121	C8H11N	000087-59-2	97
3	Benzenamine, 2,6-dimethyl-	121	C8H11N	000087-62-7	97
4	Benzenamine, 2,6-dimethyl-	121	C8H11N	000087-62-7	97
5	Benzenamine, 2,6-dimethyl-	121	C8H11N	000087-62-7	97





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

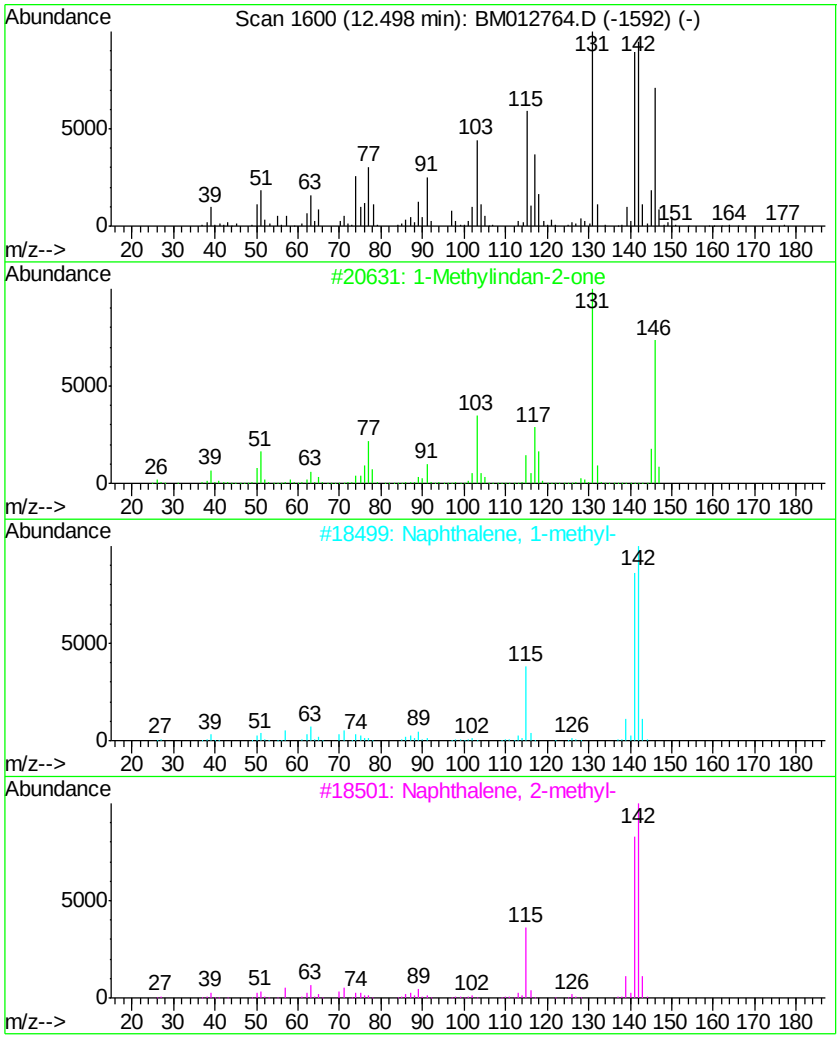
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

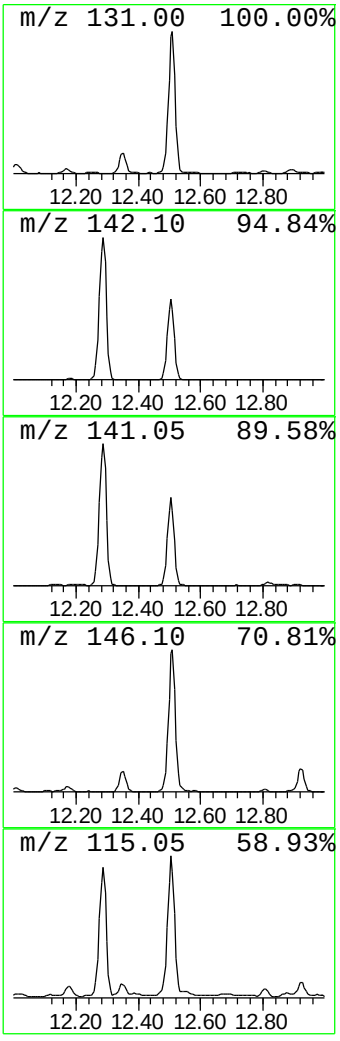
****

Peak Number 10 1-Methylindan-2-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	12.85 ng/ul	3536710	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	91
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	86
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	78
5	Benzocycloheptatriene	142	C11H10	000264-09-5	62





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

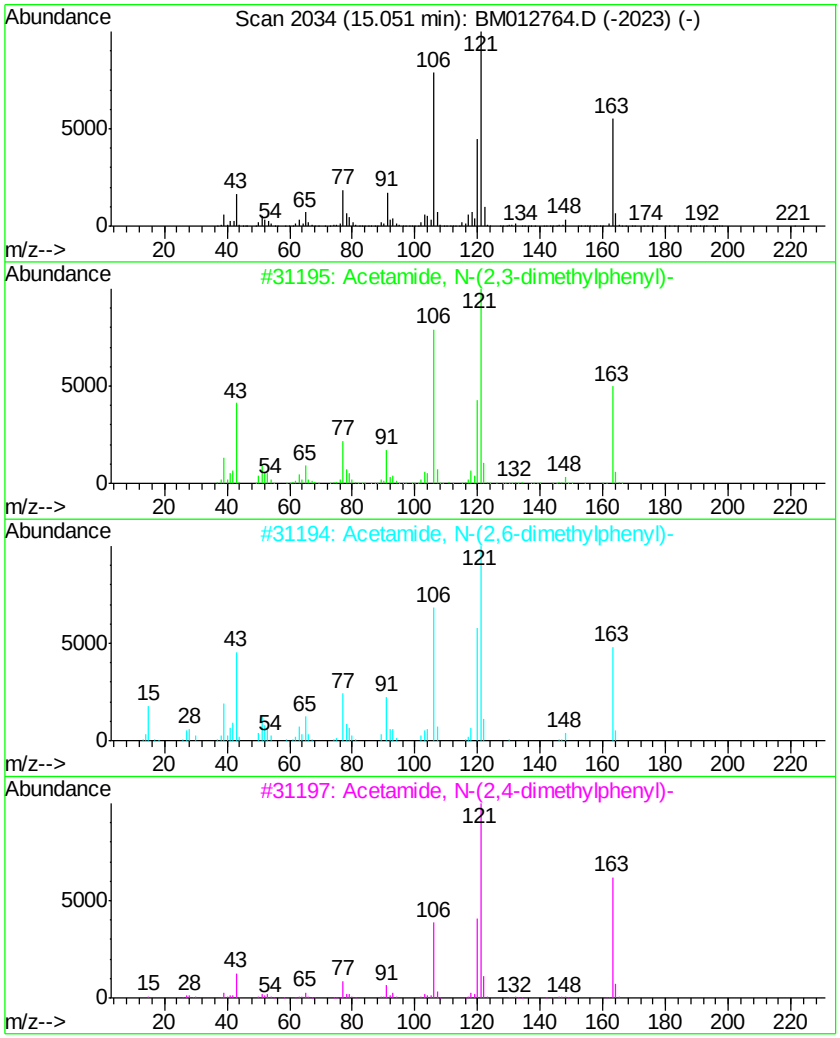
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

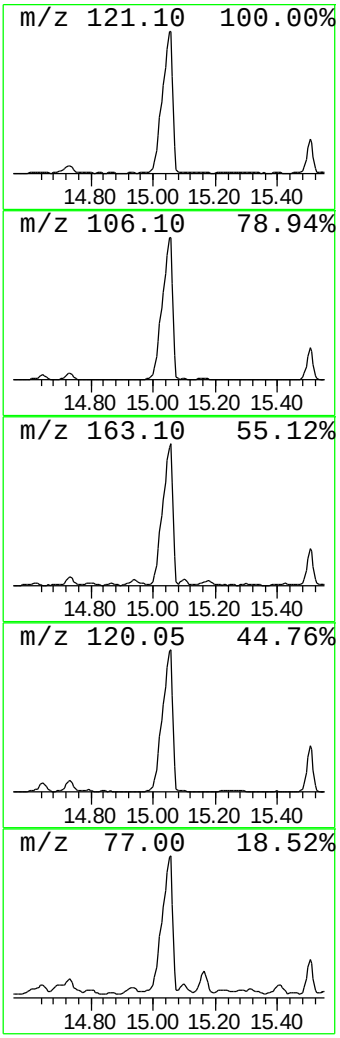
****

Peak Number 11 Acetamide, N-(2,3-dimethylp... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	20.00 ng/ul	12911800	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,3-dimethylphenyl)-	163	C10H13NO	000134-98-5	95
2	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	94
3	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	94
4	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	91
5	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.50	514.5	ng/ul	99914300	1	7.82	3883540	20.0
Benzene, 1,2,3-tr...	7.47	20.0	ng/ul	3883540	1	7.82	3883540	20.0
Benzene, 4-ethyl-...	8.92	17.4	ng/ul	3375910	1	7.82	3883540	20.0
Phenol, 2,4-dimet...	9.87	12.2	ng/ul	3343290	2	10.62	5504300	20.0
3-Phenylbut-1-ene	10.02	13.3	ng/ul	3659190	2	10.62	5504300	20.0
Benzenamine, 2,6-...	10.25	60.2	ng/ul	16568100	2	10.62	5504300	20.0
Benzenamine, 2,5-...	10.92	1185.1	ng/ul	326147000	2	10.62	5504300	20.0
1-Methylindan-2-one	12.50	12.9	ng/ul	3536710	2	10.62	5504300	20.0
Acetamide, N-(2,3...	15.05	20.0	ng/ul	12911800	3	14.46	12911800	20.0