LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018404.D
Acq On : 27 Dec 2018 19:53
Operator : JU/SJ
Sample : PB116034BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116034BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_M\METHODS\8270-BM122718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.940	5	9	19	rVB2	181931	333743	2.35%	0.582%
2	3.052	26	28	41	rVB3	130980	223289	1.57%	0.389%
3	5.357	415	420	428	rVB	468144	713762	5.02%	1.244%
4	6.122	546	550	553	rBV2	143458	228855	1.61%	0.399%
5	6.622	631	635	642	rVB3	159032	275097	1.94%	0.479%
6	6.934	683	688	696	rVB	362095	593918	4.18%	1.035%
7	7.781	826	832	839	rBV	1278127	2014875	14.18%	3.511%
8	8.945	1023	1030	1037	rBV	1062293	1750630	12.32%	3.050%
9	9.316	1089	1093	1100	rVB2	99613	146587	1.03%	0.255%
10	10.575	1300	1307	1314	rVB	1899805	3112284	21.91%	5.423%
11	13.045	1720	1727	1735	rVB	3415144	4787110	33.70%	8.341%
12	14.427	1955	1962	1969	rBV2	3044200	4647447	32.72%	8.098%
13	15.915	2209	2215	2222	rBV	1693369	2388202	16.81%	4.161%
14	17.174	2419	2429	2439	rBV2	4311392	5869710	41.32%	10.227%
15	19.809	2871	2877	2887	rBV	11583295	14204599	100.00%	24.750%
16	21.286	3124	3128	3132	rBV	124542	158643	1.12%	0.276%
17	21.368	3136	3142	3151	rVV	5910885	7368615	51.87%	12.839%
18	22.968	3410	3414	3418	rVB2	138326	200212	1.41%	0.349%
19	23.556	3510	3514	3521	rVB	202802	330214	2.32%	0.575%
20	23.662	3524	3532	3544	rVB	3748410	7302185	51.41%	12.723%
21	24.227	3623	3628	3638	rVB	192868	370317	2.61%	0.645%
22	25.009	3756	3761	3769	rVB3	173018	371270	2.61%	0.647%

Sum of corrected areas: 57391564

LSC Report - Integrated Chromatogram

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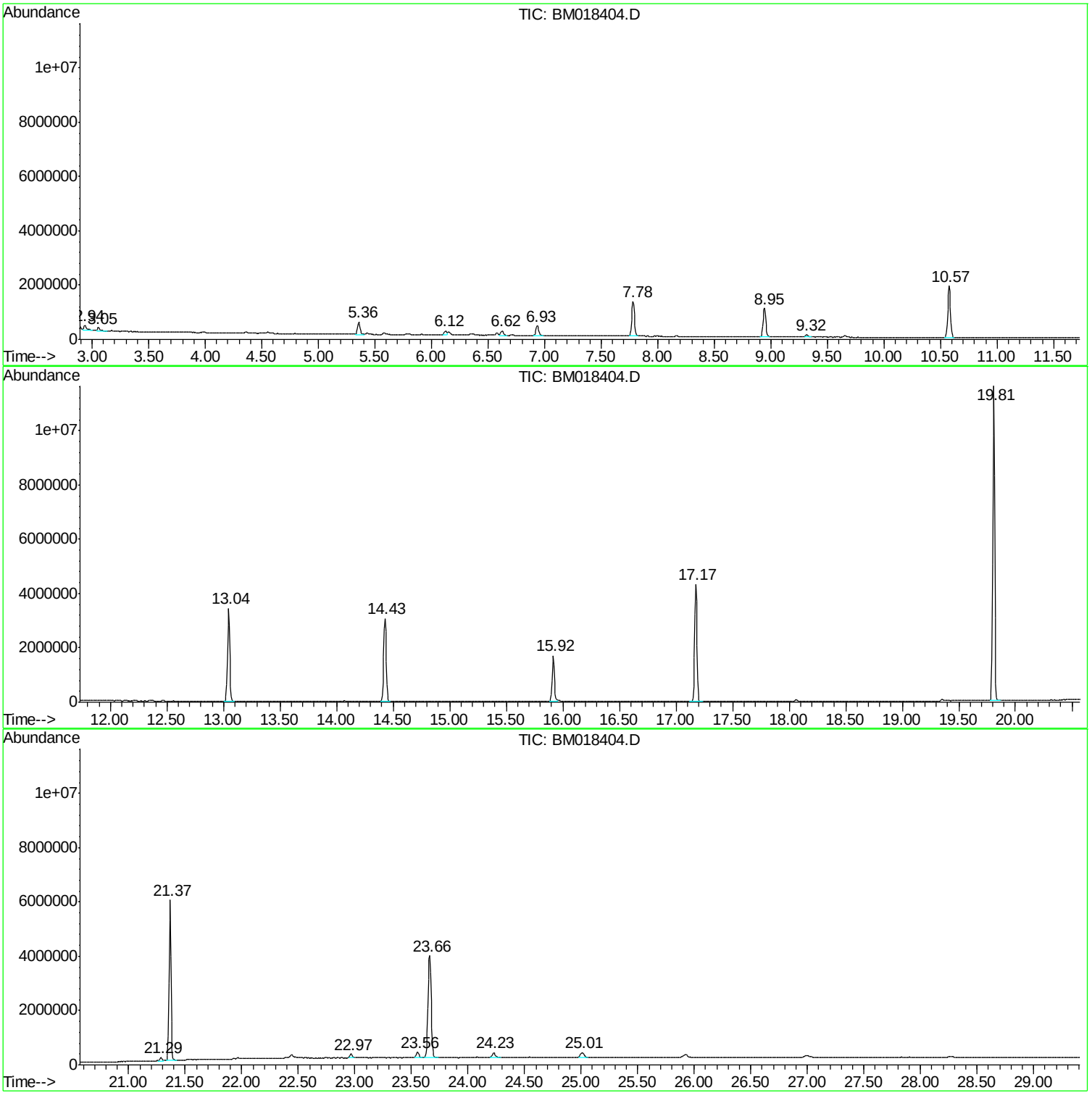
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116034BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018404.D
Acq On : 27 Dec 2018 19:53
Operator : JU/SJ
Sample : PB116034BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116034BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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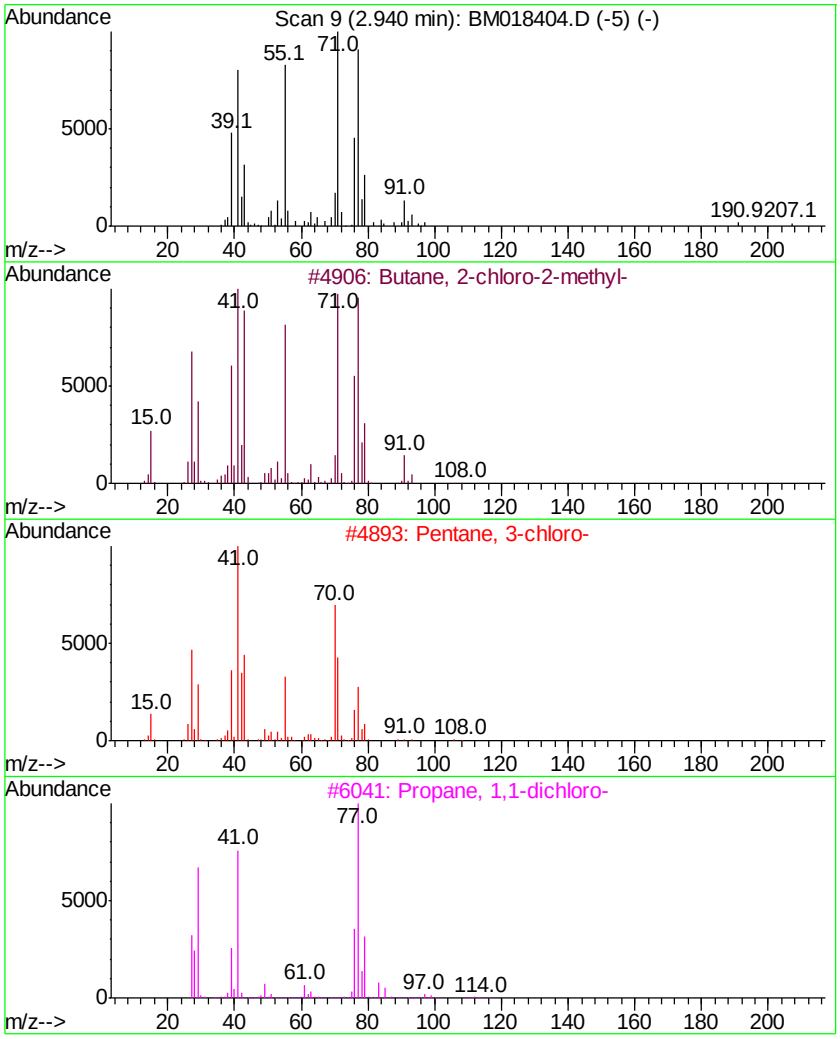
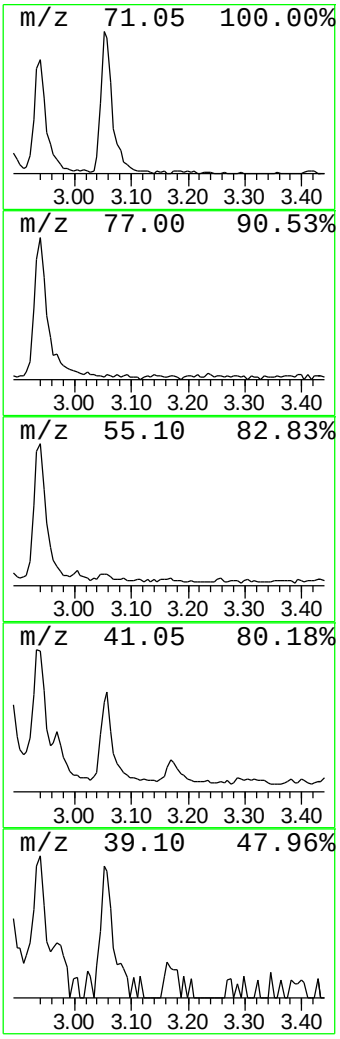
Peak Number 1 Butane, 2-chloro-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	3.31 ng	333743	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-chloro-2-methyl-	106	C5H11Cl	000594-36-5	64
2	Pentane, 3-chloro-	106	C5H11Cl	000616-20-6	38
3	Propane, 1,1-dichloro-	112	C3H6Cl2	000078-99-9	25
4	Tetrahydrofuran, 2-propyl-	114	C7H14O	003208-22-8	14
5	2-Methyl-1,5-hexadiene-3-ol	112	C7H12O	017123-60-3	14





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Operator : JU/SJ
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Instrument : BNA_M
ClientSampleId : PB116034BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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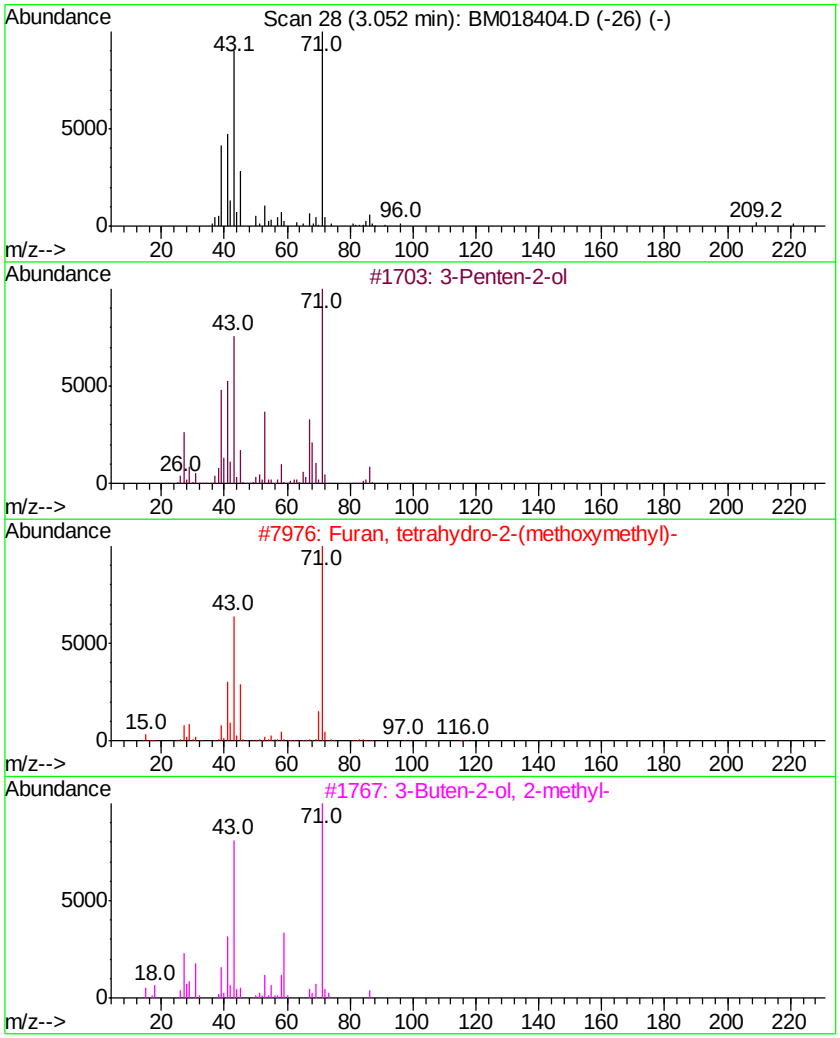
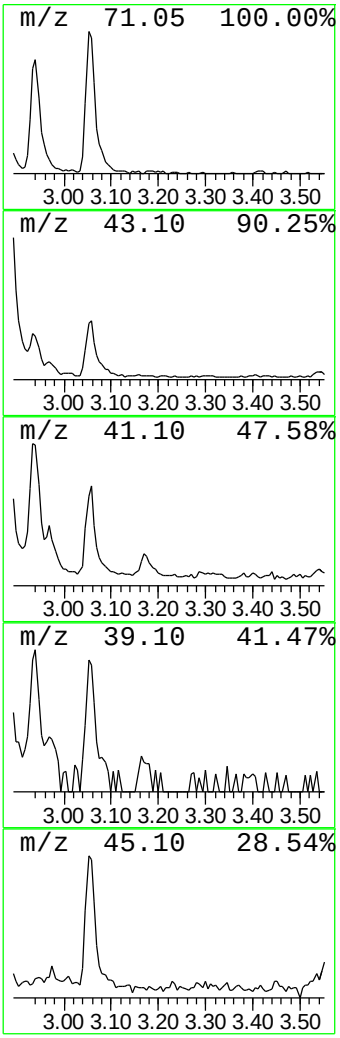
Peak Number 2 3-Penten-2-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	2.22 ng	223289	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol	86	C5H10O	001569-50-2	72
2	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	53
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	47
4	Butane, 2-bromo-2-methyl-	150	C5H11Br	000507-36-8	47
5	4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	43





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Data File : BM018404.D
Acq On : 27 Dec 2018 19:53
Operator : JU/SJ
Sample : PB116034BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116034BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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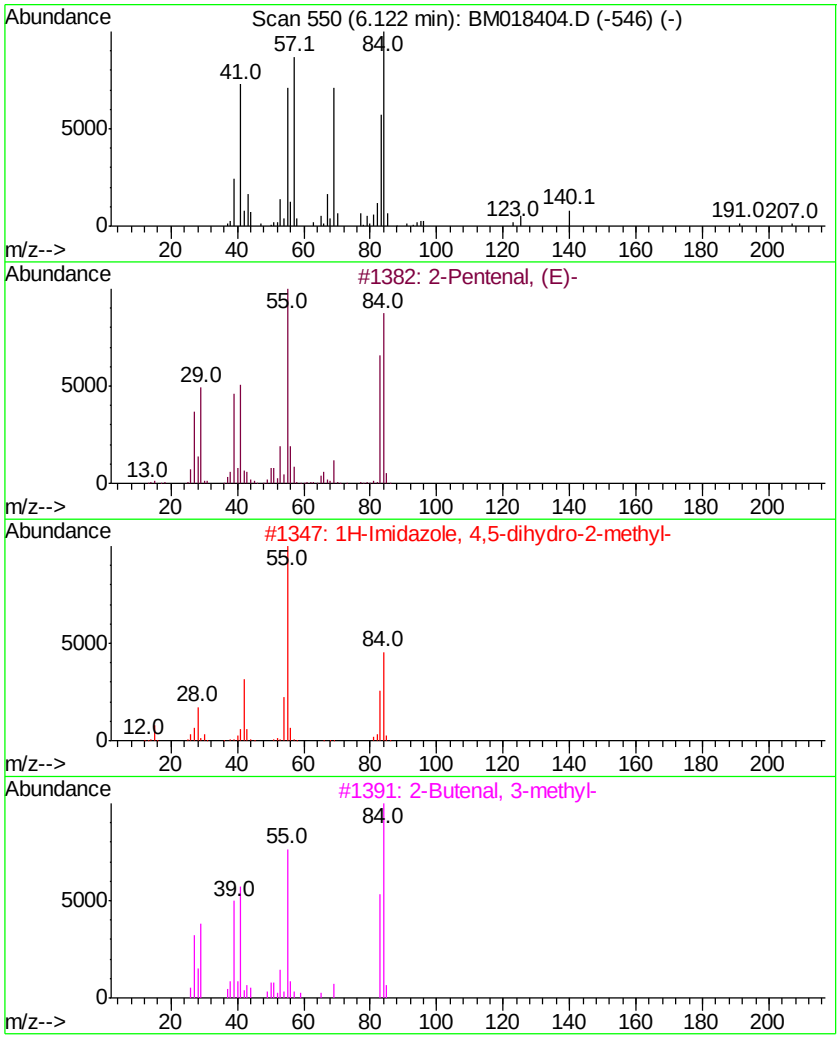
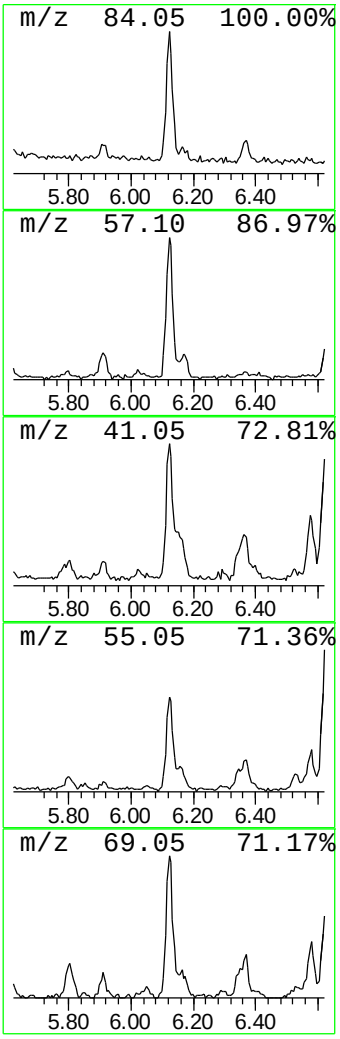
Peak Number 3 2-Pentenal, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	2.27 ng	228855	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenal, (E)-	84	C5H8O	001576-87-0	59
2	1H-Imidazole, 4,5-dihydro-2-methyl-	84	C4H8N2	000534-26-9	59
3	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	58
4	Cyclopentane, 1,2,3,4,5-pentamet...	140	C10H20	1000152-79-7	53
5	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	50





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Sample : PB116034BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116034BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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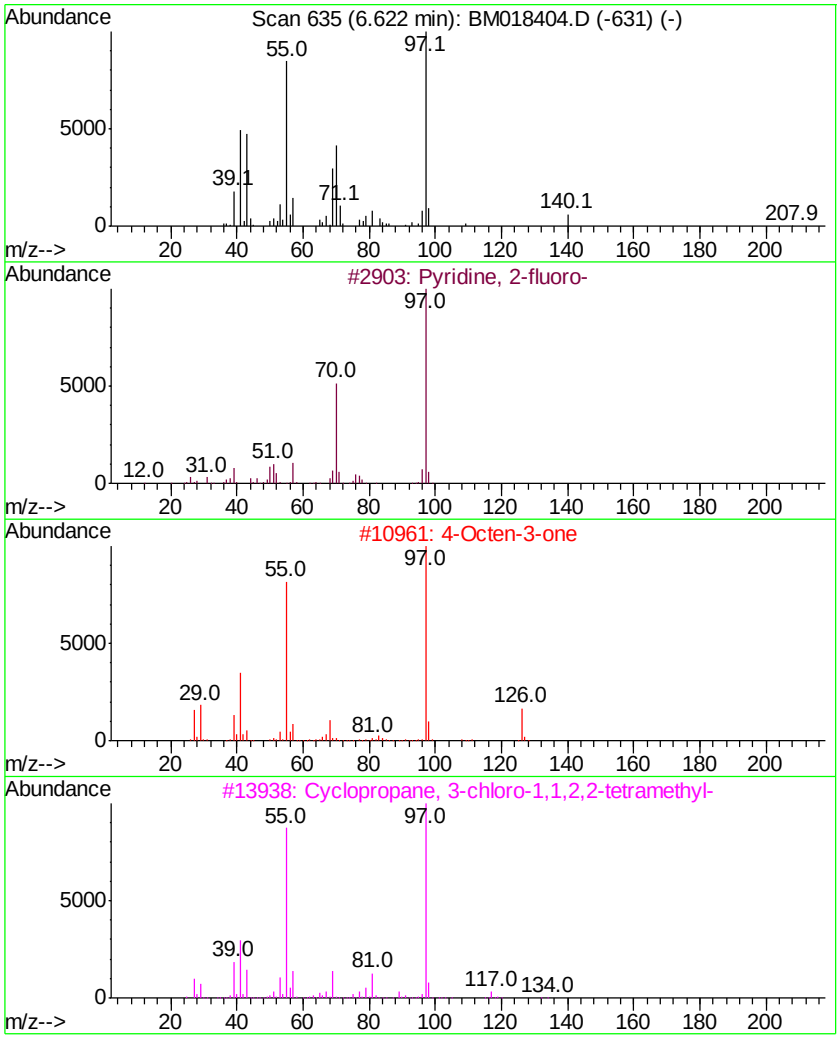
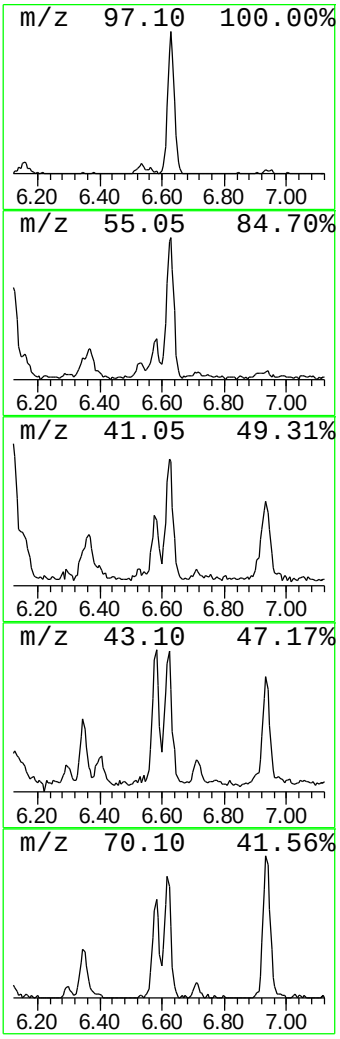
Peak Number 4 Pyridine, 2-fluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	2.73 ng	275097	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-fluoro-	97	C5H4FN	000372-48-5	72
2	4-Octen-3-one	126	C8H14O	014129-48-7	50
3	Cyclopropane, 3-chloro-1,1,2,2-t...	132	C7H13Cl	014123-41-2	50
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	50
5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018404.D
Acq On : 27 Dec 2018 19:53
Operator : JU/SJ
Sample : PB116034BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116034BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-chloro-...	2.94	3.3	ng	333743	1	7.78	2014880	20.0
3-Penten-2-ol	3.05	2.2	ng	223289	1	7.78	2014880	20.0
2-Pentenal, (E)-	6.12	2.3	ng	228855	1	7.78	2014880	20.0
Pyridine, 2-fluoro-	6.62	2.7	ng	275097	1	7.78	2014880	20.0