LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084655.D
Acq On : 30 Jan 2016 00:33
Operator : SJ/IZ
Sample : H1272-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B014(30-32)

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:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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	4.190	181	184	193	rBV	205867	281990	5.80%	0.622%
2	4.887	241	245	253	rBV	2326803	3367847	69.27%	7.428%
3	5.321	281	283	286	rBV	4248987	4141649	85.18%	9.134%
4	5.721	316	318	321	rBV	216315	204822	4.21%	0.452%
5	6.373	372	375	377	rBV	4490087	4862164	100.00%	10.723%
6	6.487	383	385	388	rBV	3497369	4354264	89.55%	9.603%
7	6.727	403	406	408	rBV	853030	1128654	23.21%	2.489%
8	6.876	417	419	422	rBV	3427509	3113581	64.04%	6.867%
9	7.287	452	455	458	rBV	2532410	2536594	52.17%	5.594%
10	8.007	516	518	520	rBV	1818463	1546262	31.80%	3.410%
11	9.093	610	613	615	rBV	4186500	4748404	97.66%	10.472%
12	9.482	645	647	649	rBV	441733	412158	8.48%	0.909%
13	9.699	665	666	669	rBV	46144	57282	1.18%	0.126%
14	9.756	669	671	674	rBV	1682582	1689457	34.75%	3.726%
15	10.202	708	710	712	rVB	116381	87452	1.80%	0.193%
16	10.419	726	729	732	rBV	34151	56480	1.16%	0.125%
17	10.545	738	740	743	rBV	3250650	3186928	65.55%	7.029%
18	10.670	750	751	756	rBV	92919	140118	2.88%	0.309%
19	11.116	789	790	792	rBV	39264	51619	1.06%	0.114%
20	11.242	798	801	803	rBV	1773320	1794328	36.90%	3.957%
21	11.779	846	848	850	rBV2	37916	62231	1.28%	0.137%
22	12.031	868	870	874	rVB	43610	50100	1.03%	0.110%
23	12.442	904	906	908	rBV	61613	62391	1.28%	0.138%
24	12.671	923	926	928	rBV2	68711	93066	1.91%	0.205%
25	12.831	937	940	942	rBV	4140520	4474168	92.02%	9.867%
26	13.768	1019	1022	1027	rVB3	56384	150944	3.10%	0.333%
27	13.871	1028	1031	1033	rBV	1600193	1558033	32.04%	3.436%
28	14.717	1103	1105	1107	rBV	77390	68171	1.40%	0.150%
29	15.254	1149	1152	1155	rBV	925065	1061760	21.84%	2.342%

Sum of corrected areas: 45342917

LSC Report - Integrated Chromatogram

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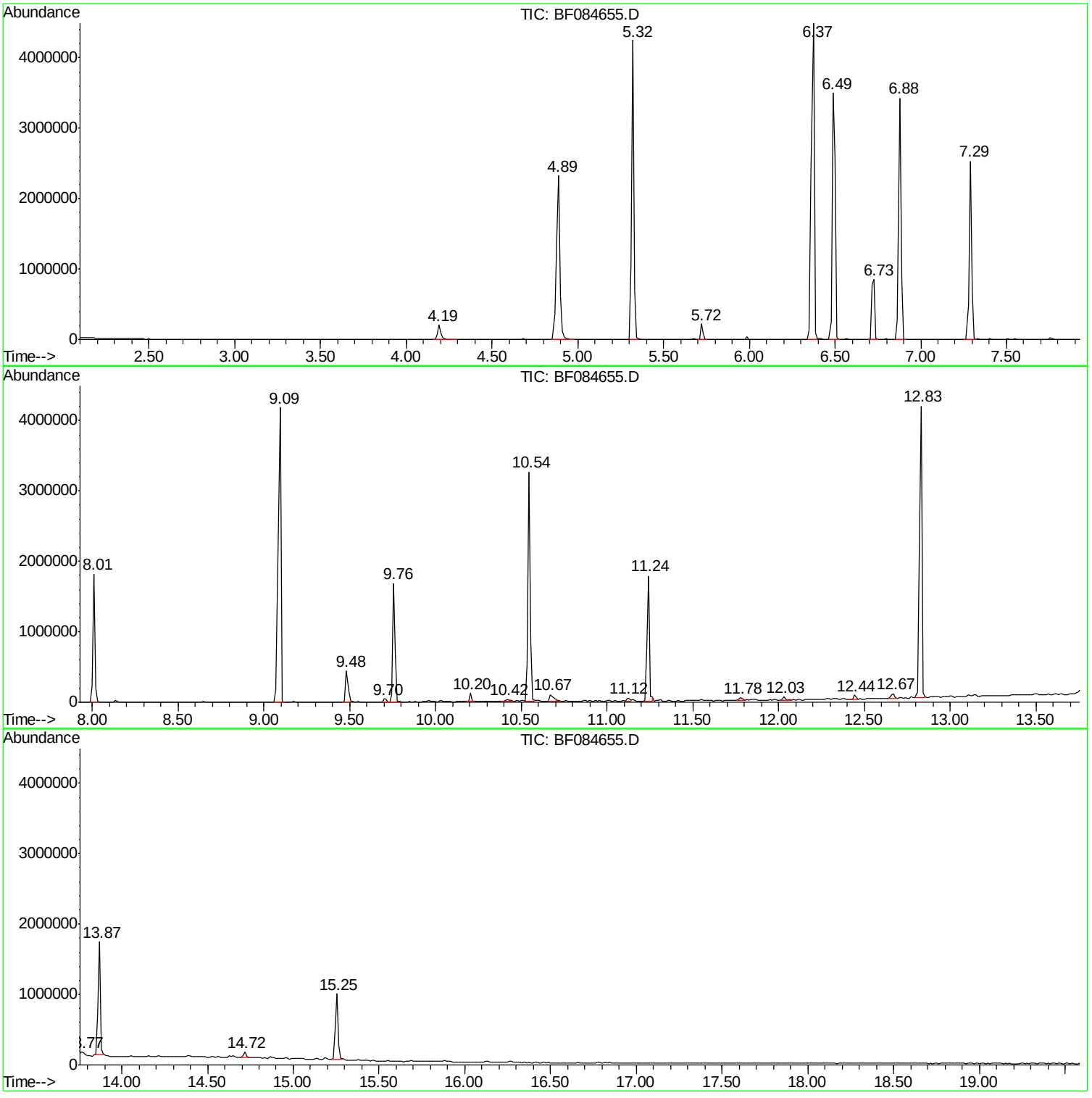
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B014(30-32)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084655.D
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Operator : SJ/IZ
Sample : H1272-12
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B014(30-32)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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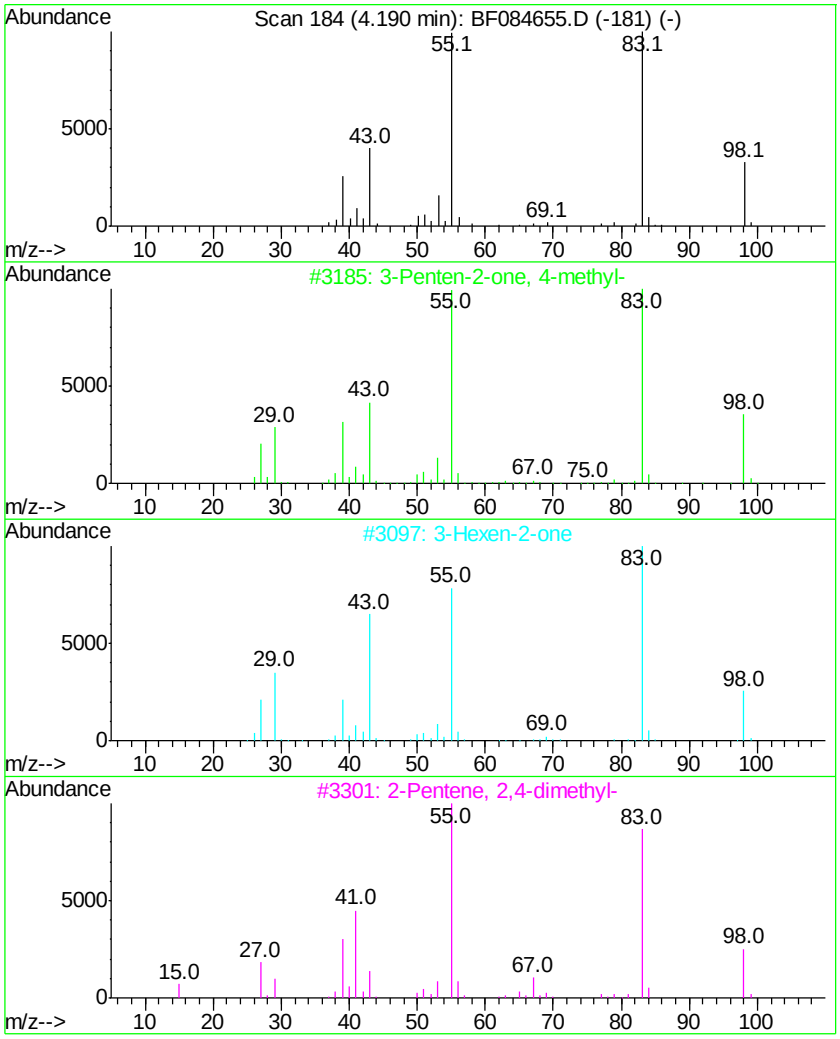
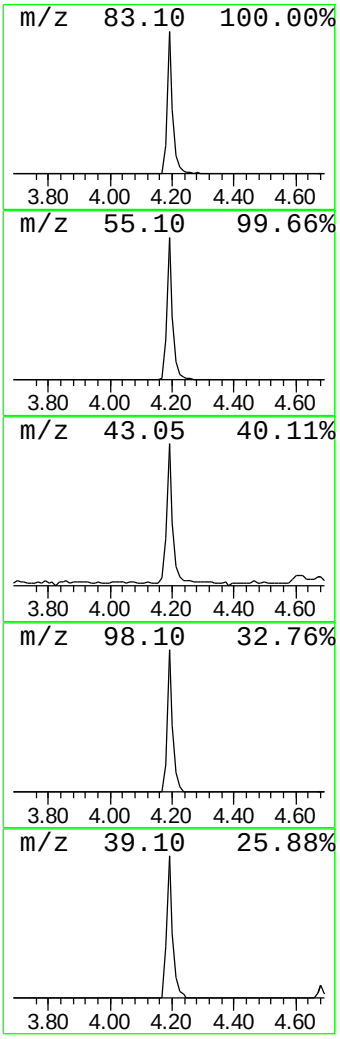
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	5.00 ng	281990	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084655.D
Acq On : 30 Jan 2016 00:33
Operator : SJ/IZ
Sample : H1272-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B014(30-32)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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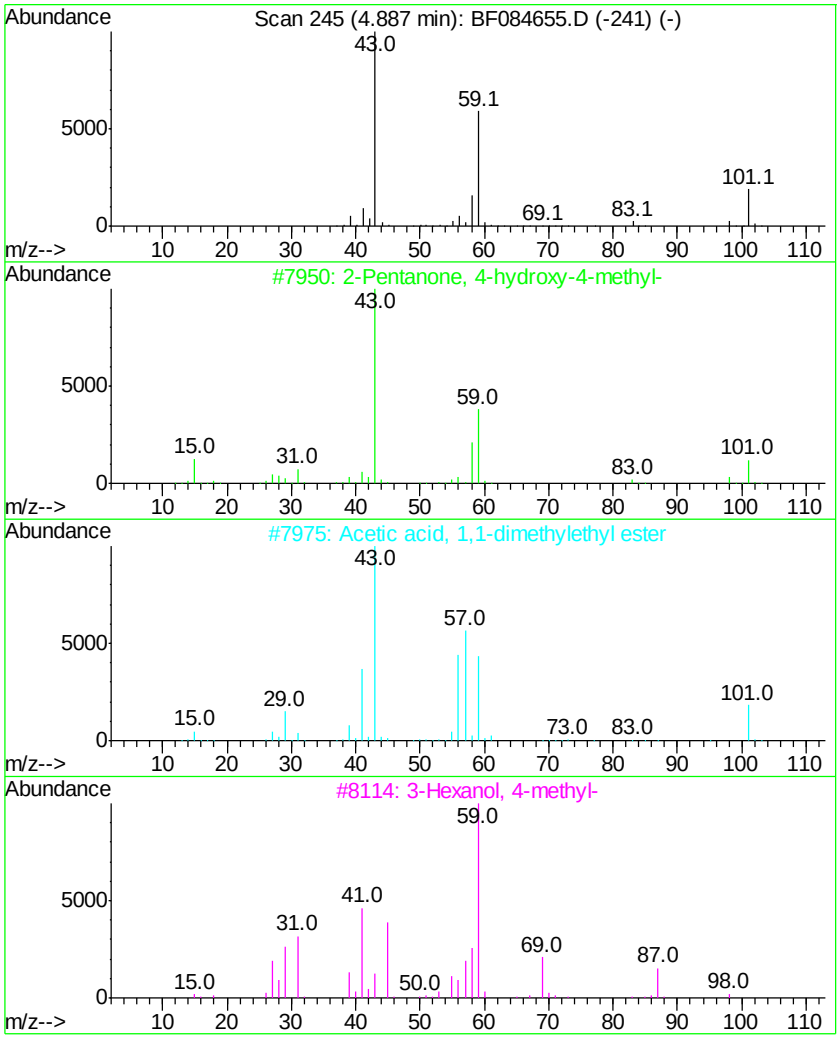
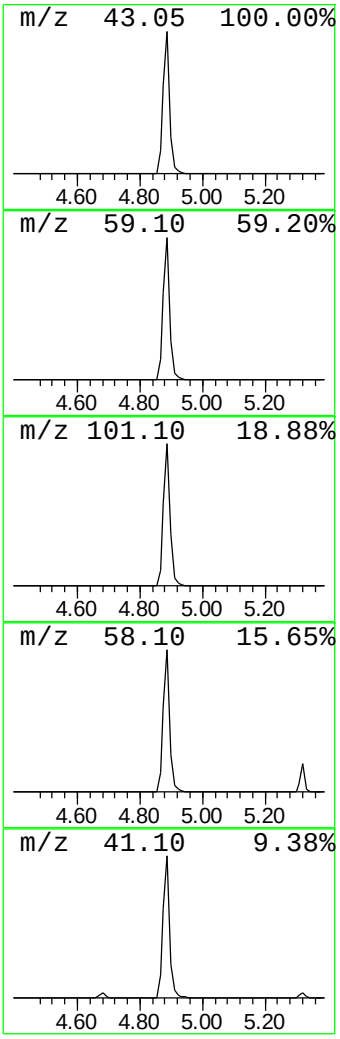
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	59.68 ng	3367850	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





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Operator : SJ/IZ
Sample : H1272-12
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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B014(30-32)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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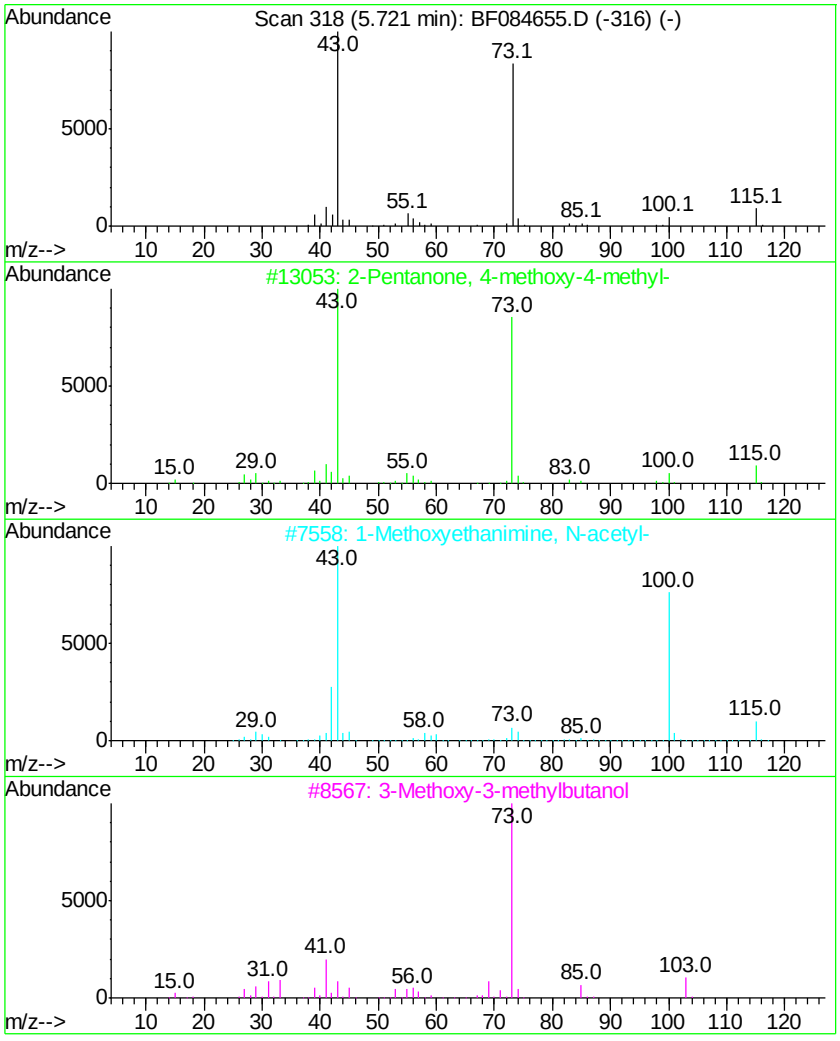
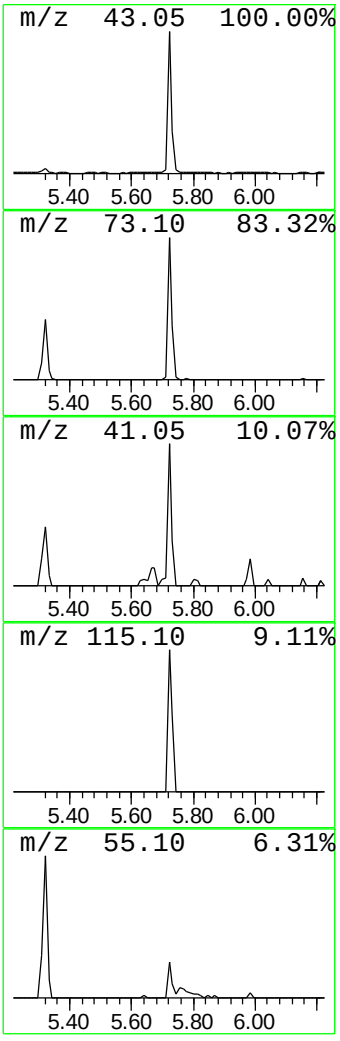
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	3.63 ng	204822	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	43
3	3-Methoxy-3-methylbutanol	118	C6H14O2	056539-66-3	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	10





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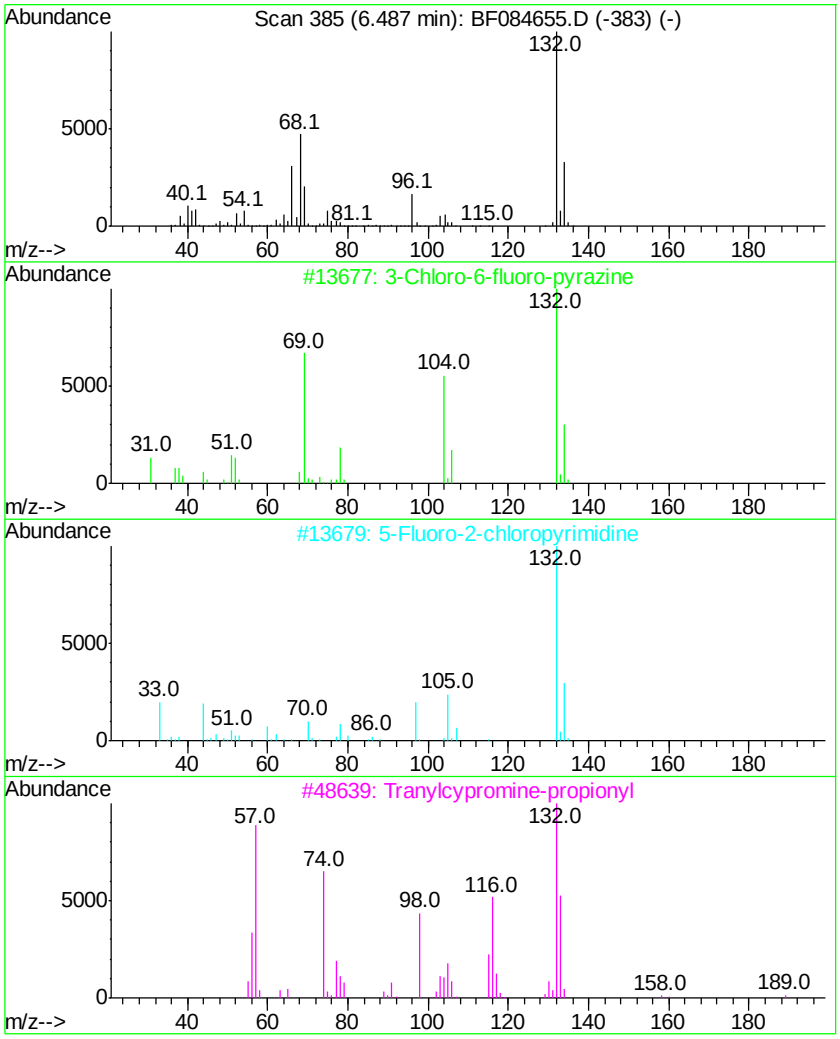
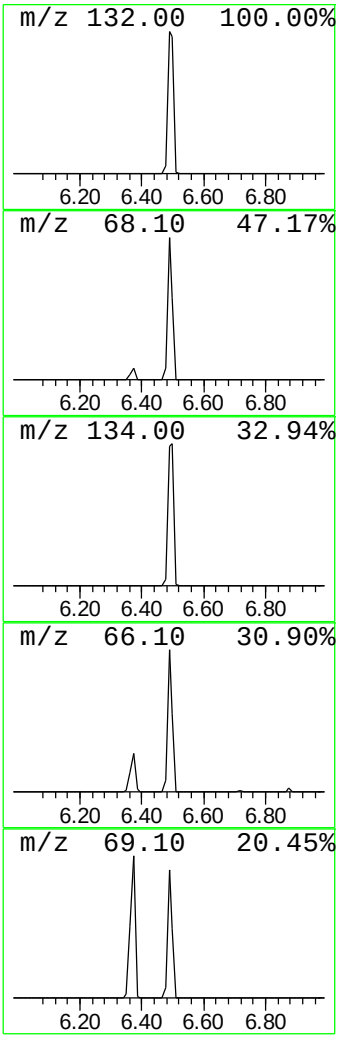
Peak Number 4 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	77.16 ng	4354260	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.19	5.0	ng	281990	1	6.73	1128650	20.0
2-Pentanone, 4-hy...	4.89	59.7	ng	3367850	1	6.73	1128650	20.0
2-Pentanone, 4-me...	5.72	3.6	ng	204822	1	6.73	1128650	20.0
unknown6.49	6.49	77.2	ng	4354260	1	6.73	1128650	20.0