LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084660.D
Acq On : 30 Jan 2016 2:51
Operator : SJ/IZ
Sample : H1272-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B029(6-6.5)

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	2.487	32	35	41	rVB	256540	337051	4.41%	0.524%
2	3.196	94	97	105	rBV	310770	538099	7.04%	0.837%
3	4.224	184	187	192	rBV	1971172	2560573	33.48%	3.983%
4	4.910	244	247	257	rVB	2000239	3196296	41.79%	4.972%
5	5.276	277	279	282	rBV	58746	84544	1.11%	0.132%
6	5.333	282	284	287	rBV	4222637	5748668	75.17%	8.943%
7	5.733	317	319	322	rVB	265226	245001	3.20%	0.381%
8	6.373	372	375	378	rBV	3982623	5057407	66.13%	7.867%
9	6.499	383	386	388	rBV	6117298	6095225	79.70%	9.482%
10	6.727	404	406	408	rBV	1080208	1167054	15.26%	1.815%
11	6.876	417	419	422	rBV	3717561	4877803	63.78%	7.588%
12	7.287	452	455	458	rVB	2861474	4261996	55.73%	6.630%
13	8.030	516	520	522	rBV2	2701764	3928202	51.36%	6.111%
14	8.076	522	524	528	rVB	94411	94723	1.24%	0.147%
15	8.716	578	580	583	rBV	228580	238398	3.12%	0.371%
16	8.819	587	589	591	rVB	145818	130277	1.70%	0.203%
17	9.093	609	613	615	rBV	6599432	7648014	100.00%	11.897%
18	9.756	669	671	673	rBV	1785735	1729402	22.61%	2.690%
19	9.791	673	674	676	rVB	143957	105398	1.38%	0.164%
20	10.545	737	740	743	rBV2	3752814	4677666	61.16%	7.277%
21	11.242	798	801	803	rBV	1605388	1838086	24.03%	2.859%
22	12.831	937	940	942	rBV	6885378	7022248	91.82%	10.924%
23	13.871	1028	1031	1033	rBV	1772688	1741625	22.77%	2.709%
24	15.254	1149	1152	1155	rBV	797669	959722	12.55%	1.493%

Sum of corrected areas: 64283478

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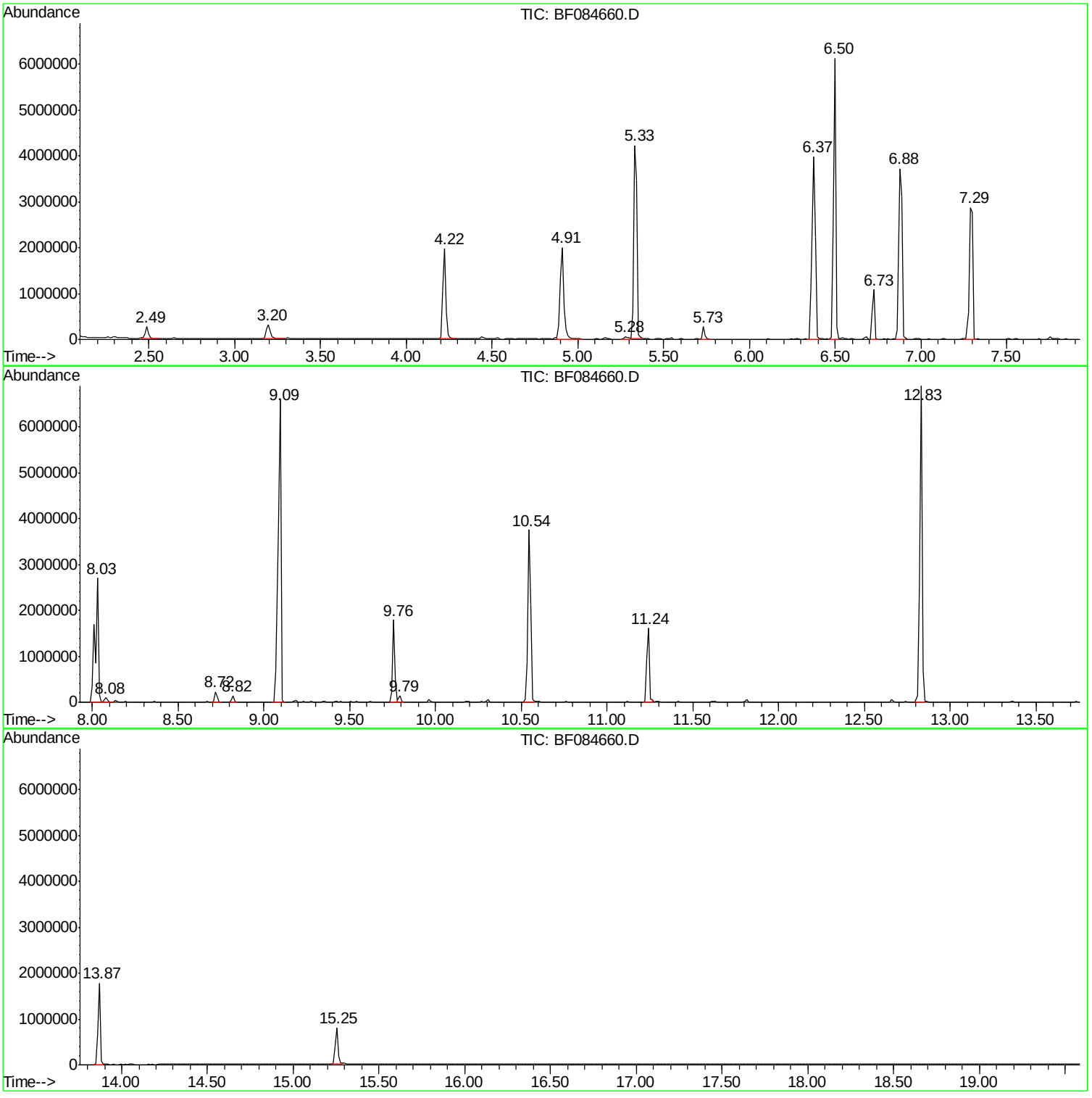
Instrument :
BNA_F
ClientSampleId :
SUP-B029(6-6.5)

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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TIC Library : C:\DATABASE\NIST02.L
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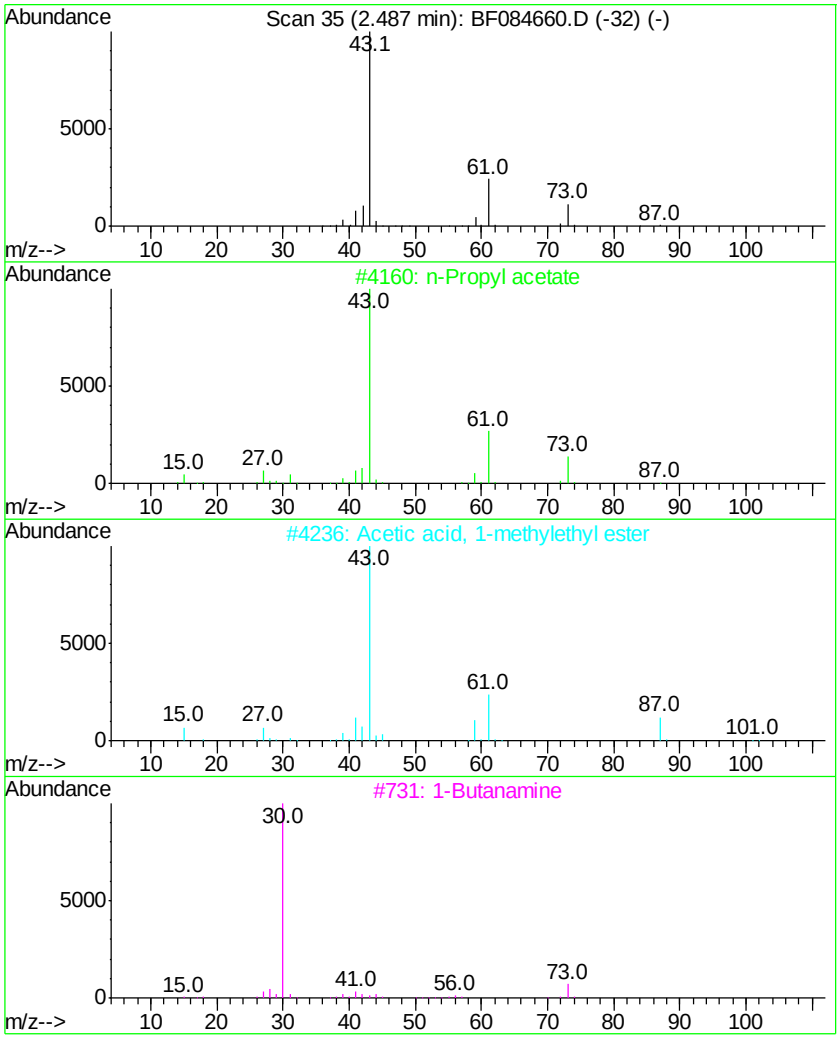
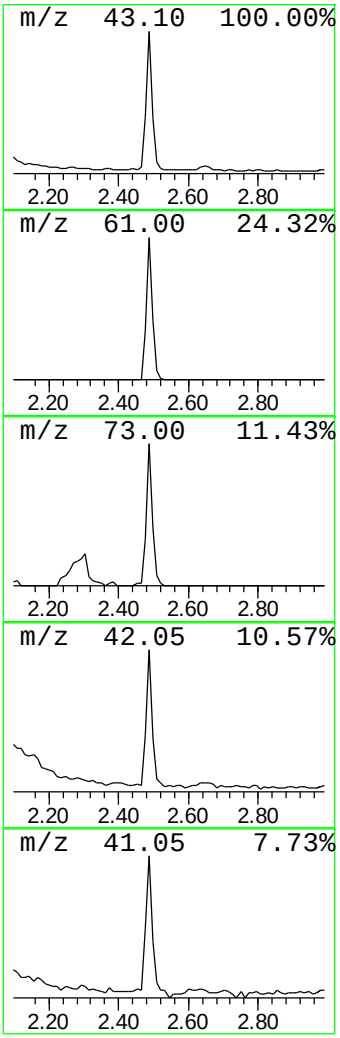
Peak Number 1 n-Propyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	5.78 ng	337051	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	9
3	1-Butanamine	73	C4H11N	000109-73-9	7
4	Isobutylamine	73	C4H11N	000078-81-9	5
5	1,4-Diacetoxybutane	174	C8H14O4	033934-62-2	4





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Sample : H1272-01
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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B029(6-6.5)

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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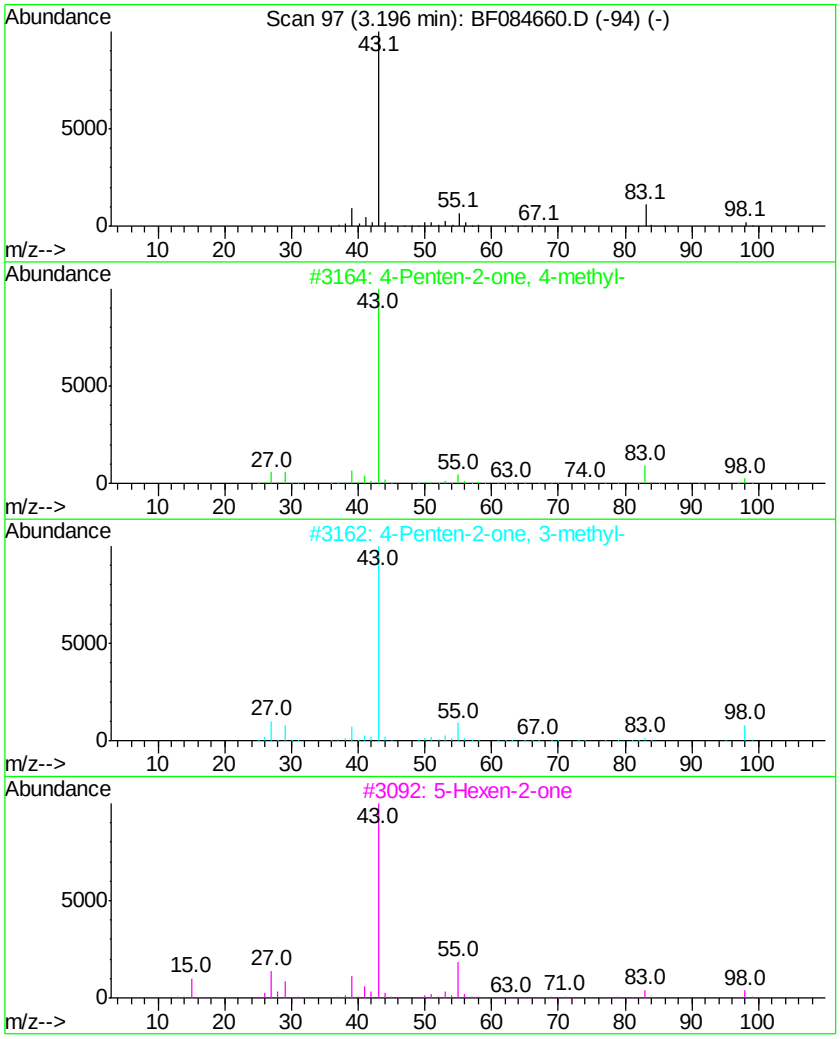
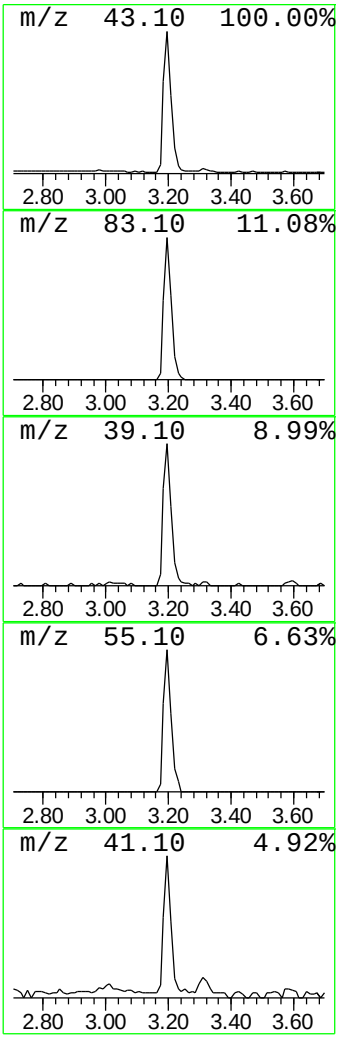
Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	9.22 ng	538099	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	53
3	5-Hexen-2-one	98	C6H10O	000109-49-9	25
4	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	9
5	2-Vinylethyl acetate	114	C6H10O2	001576-84-7	9





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Operator : SJ/IZ
Sample : H1272-01
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B029(6-6.5)

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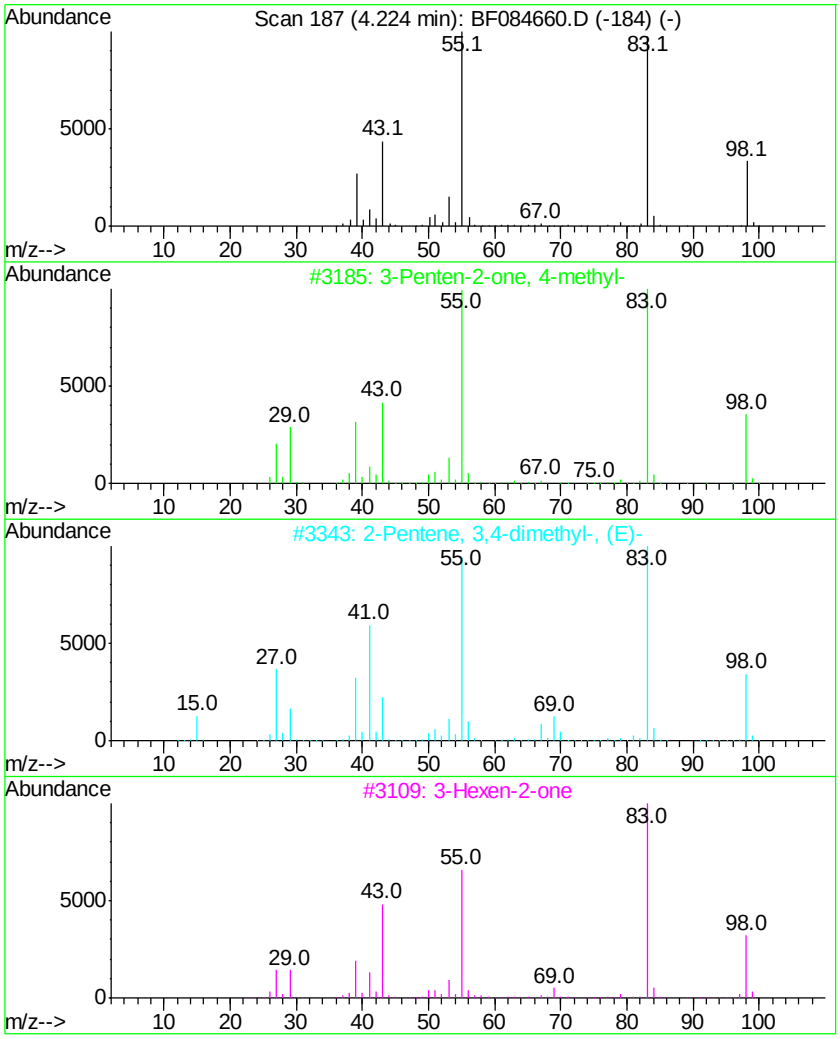
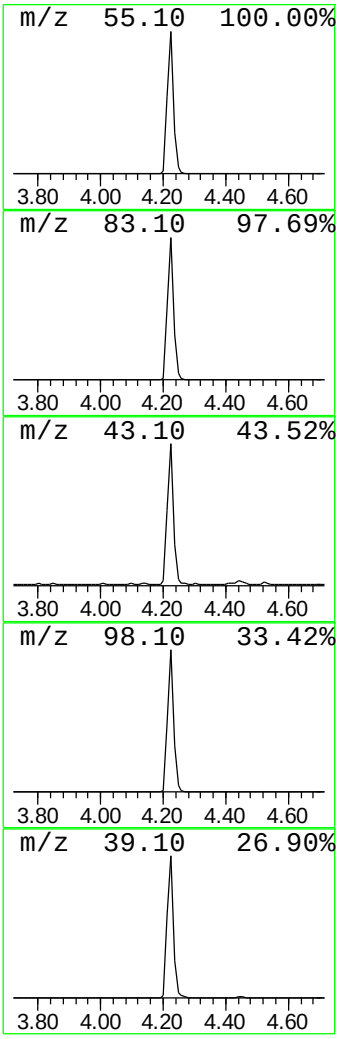
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	43.88 ng	2560570	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	91
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3	3-Hexen-2-one	98	C6H10O	000763-93-9	87
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





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Operator : SJ/IZ
Sample : H1272-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B029(6-6.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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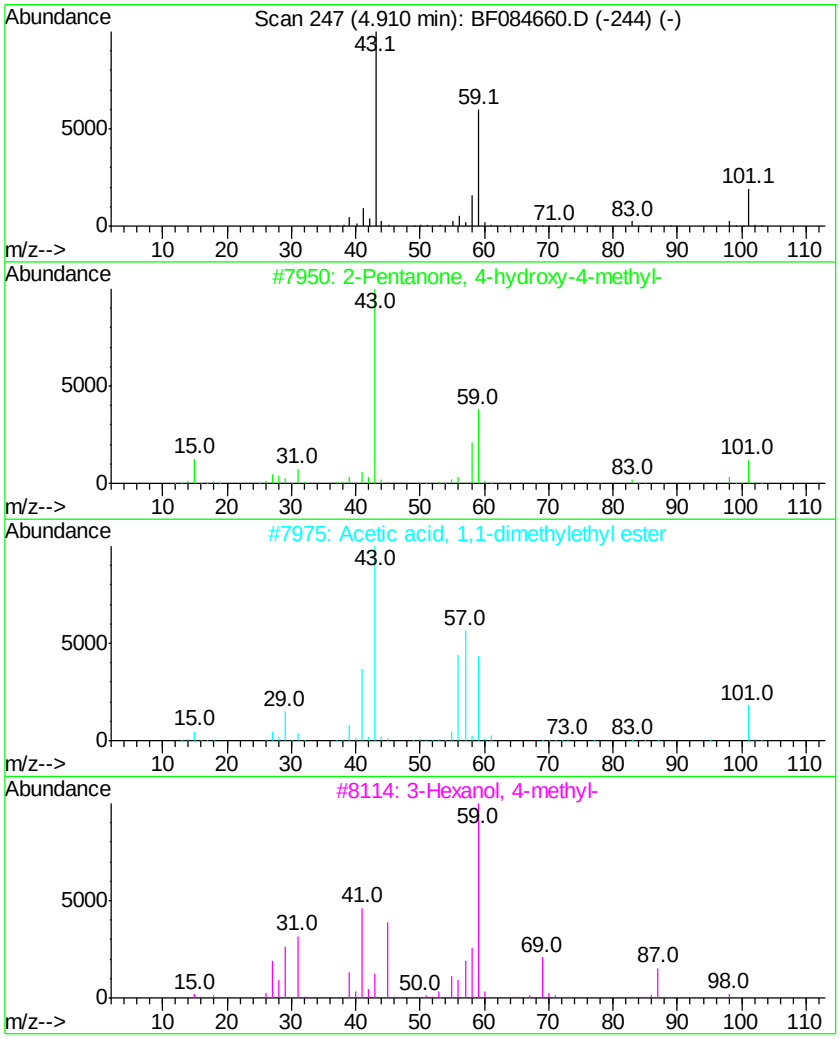
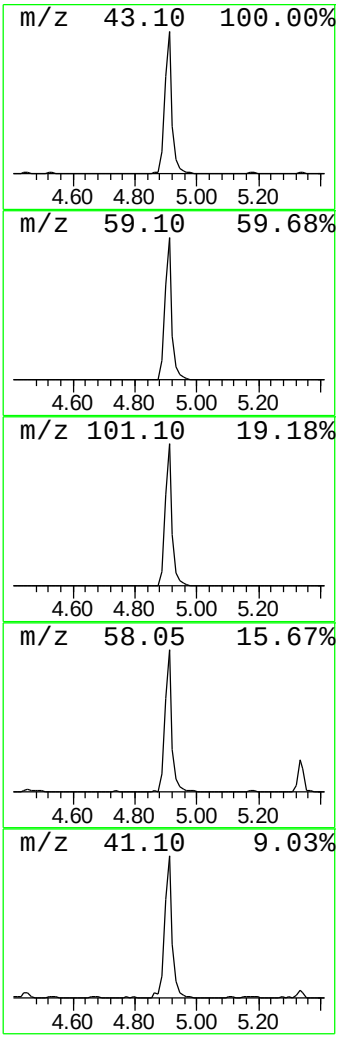
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	54.78 ng	3196300	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	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B029(6-6.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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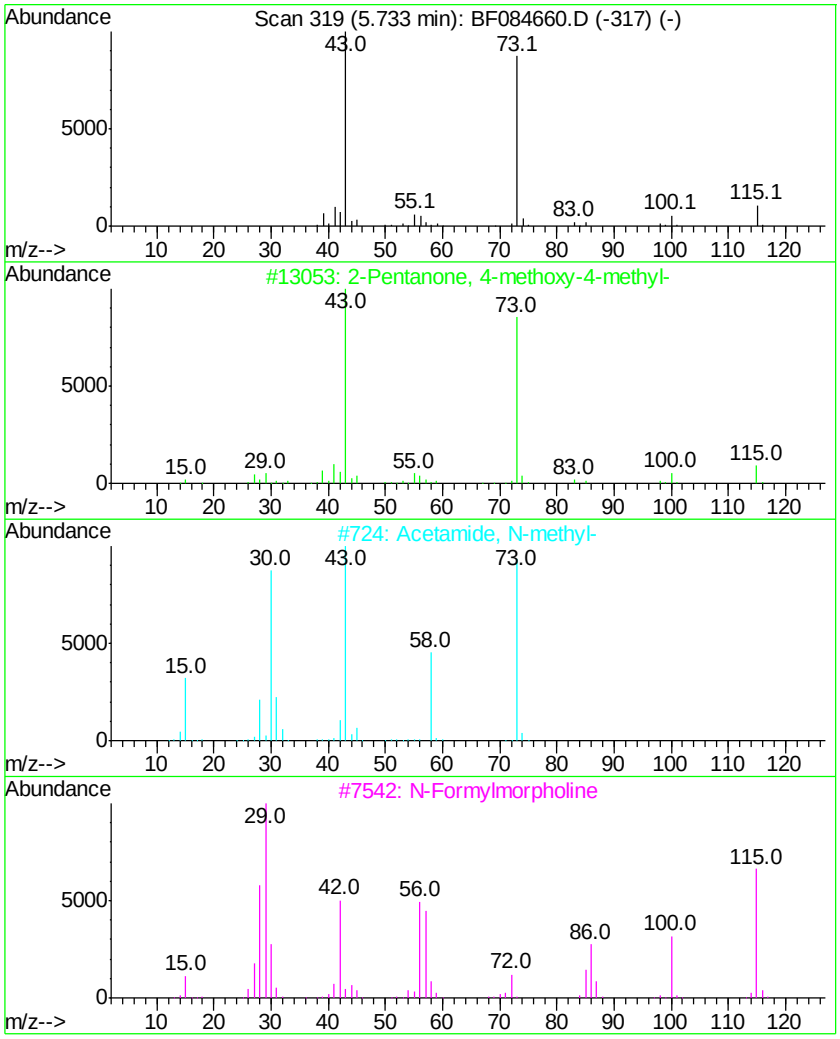
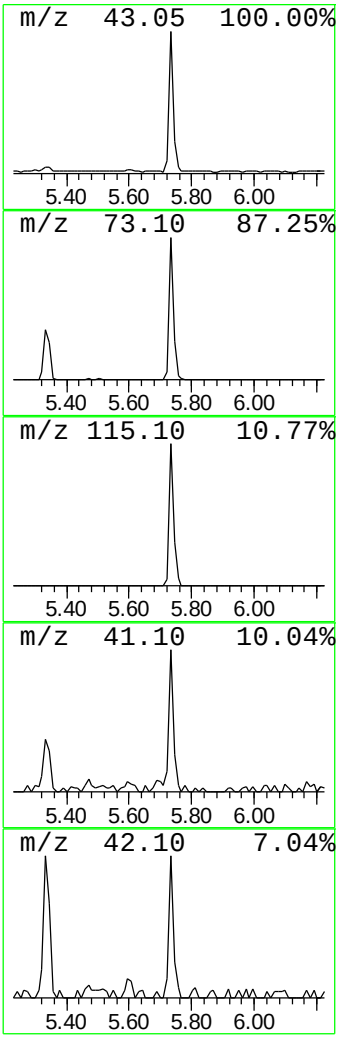
Peak Number 5 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	4.20 ng	245001	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	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	43
3	N-Formylmorpholine	115	C5H9NO2	004394-85-8	10
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	10
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9





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Instrument : BNA_F
ClientSampleId : SUP-B029(6-6.5)

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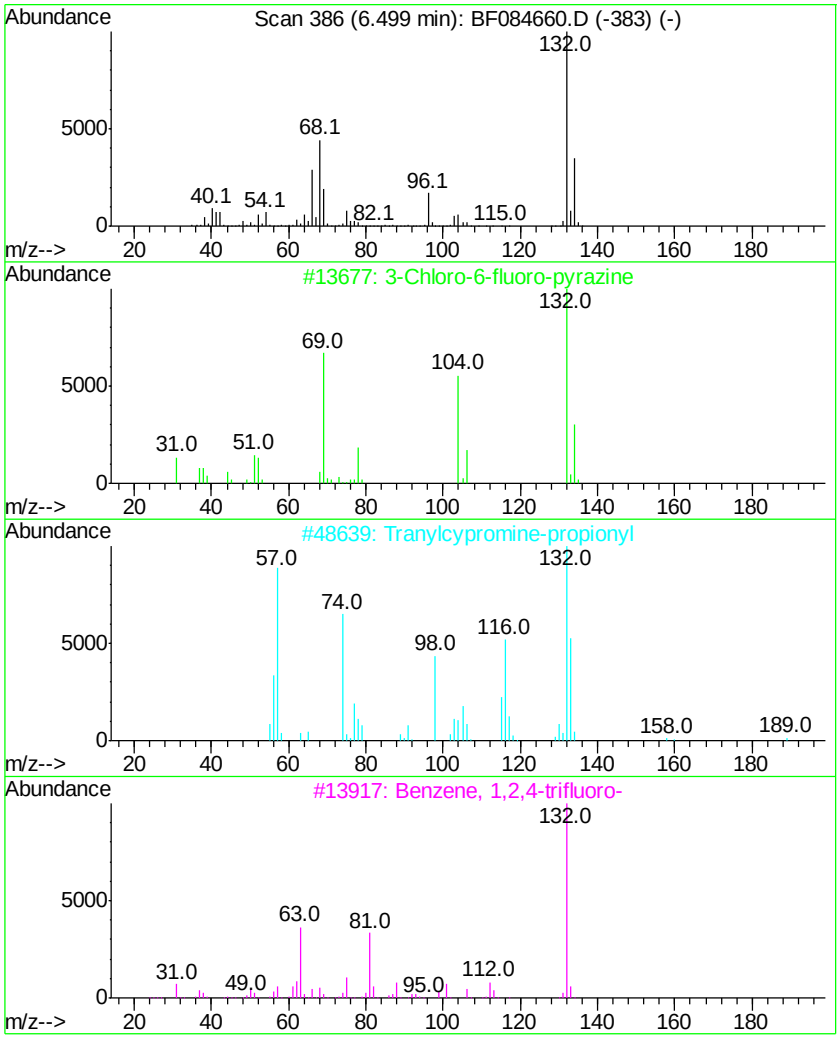
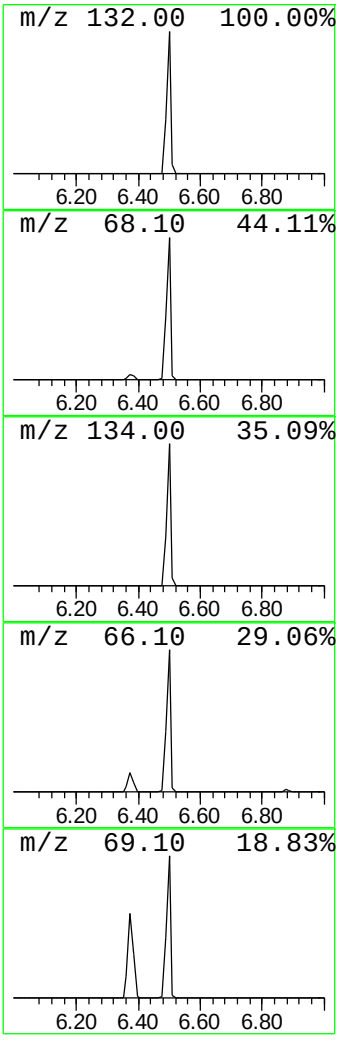
Peak Number 6 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	104.46 ng	6095230	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	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
n-Propyl acetate	2.49	5.8	ng	337051	1	6.73	1167050	20.0
4-Penten-2-one, 4...	3.20	9.2	ng	538099	1	6.73	1167050	20.0
3-Penten-2-one, 4...	4.22	43.9	ng	2560570	1	6.73	1167050	20.0
2-Pentanone, 4-hy...	4.91	54.8	ng	3196300	1	6.73	1167050	20.0
2-Pentanone, 4-me...	5.73	4.2	ng	245001	1	6.73	1167050	20.0
unknown6.50	6.50	104.5	ng	6095230	1	6.73	1167050	20.0