LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084768.D
Acq On : 3 Feb 2016 2:59
Operator : SJ/IZ
Sample : H1287-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B024(5-7)

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-BF020116.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	2.407	25	28	29	rBV	56579	79322	1.08%	0.135%
2	2.441	29	31	37	rVB	179780	236929	3.23%	0.402%
3	3.138	88	92	99	rBV	428899	767534	10.46%	1.302%
4	4.201	181	185	187	rBV	4430303	7335723	100.00%	12.448%
5	4.487	207	210	213	rBV	91845	123662	1.69%	0.210%
6	4.887	242	245	251	rVB	398926	688174	9.38%	1.168%
7	5.310	279	282	285	rBV	4737854	4898669	66.78%	8.312%
8	6.362	371	374	376	rBV	4364036	5275449	71.91%	8.952%
9	6.476	381	384	386	rBV	5623463	5794377	78.99%	9.832%
10	6.693	401	403	406	rBV	932640	1106278	15.08%	1.877%
11	6.853	415	417	420	rVB	4254375	4027422	54.90%	6.834%
12	7.002	429	430	433	rVB	91898	76206	1.04%	0.129%
13	7.219	445	449	451	rBV2	60488	83409	1.14%	0.142%
14	7.265	451	453	456	rBV	2704656	3754733	51.18%	6.371%
15	7.985	513	516	520	rBV2	1717803	2014022	27.45%	3.417%
16	9.070	607	611	613	rBV	5626927	6932636	94.51%	11.764%
17	9.733	666	669	671	rBV	1694011	1591807	21.70%	2.701%
18	10.522	735	738	741	rBV2	3323549	4231316	57.68%	7.180%
19	11.219	796	799	801	rBV	1197420	1684609	22.96%	2.859%
20	12.808	935	938	940	rBV	6039368	6461936	88.09%	10.965%
21	13.848	1026	1029	1031	rBV	984124	1250396	17.05%	2.122%
22	15.220	1147	1149	1152	rBV	359317	518196	7.06%	0.879%

Sum of corrected areas: 58932805

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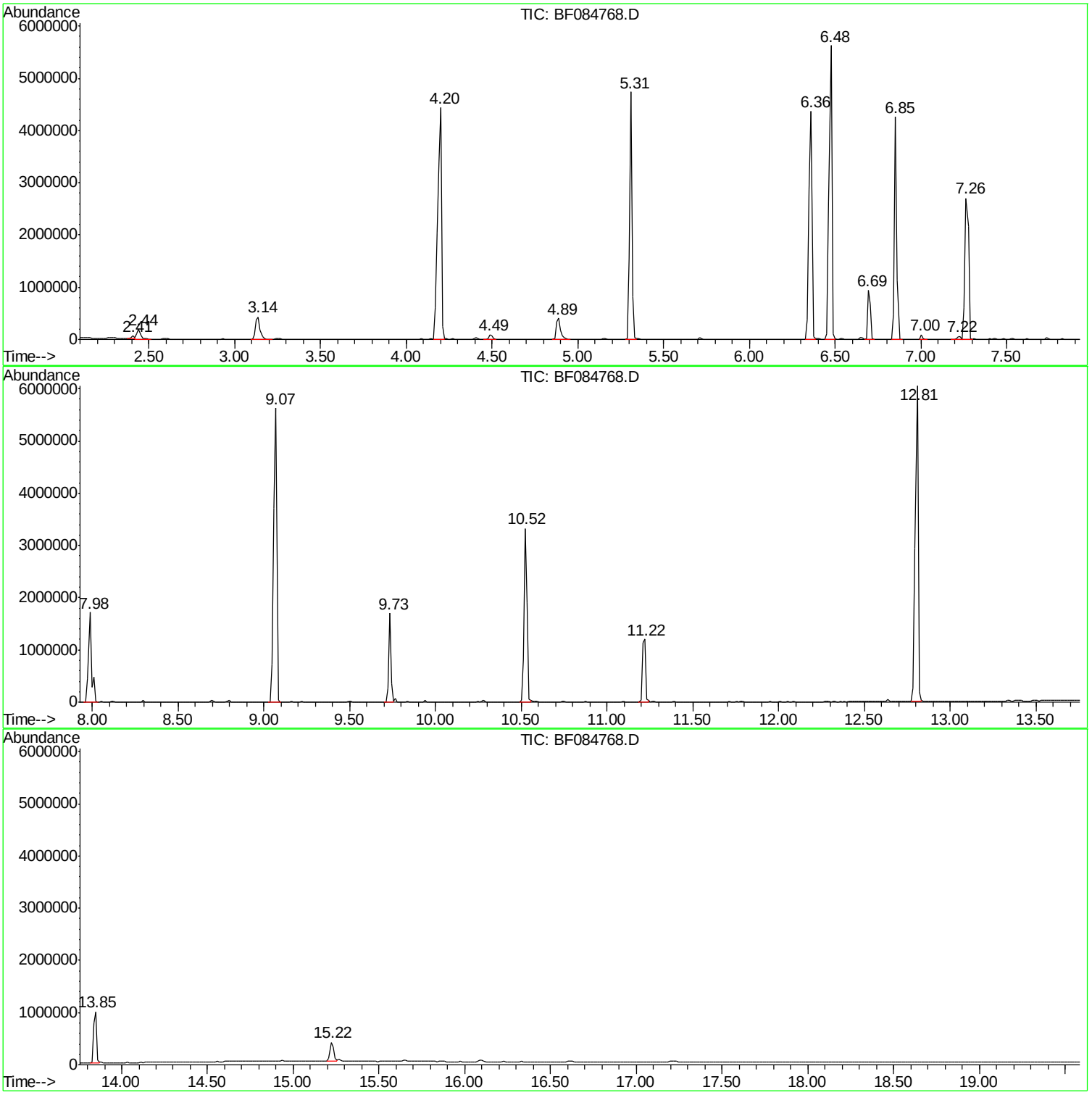
ClientSampleId :
SUP-B024(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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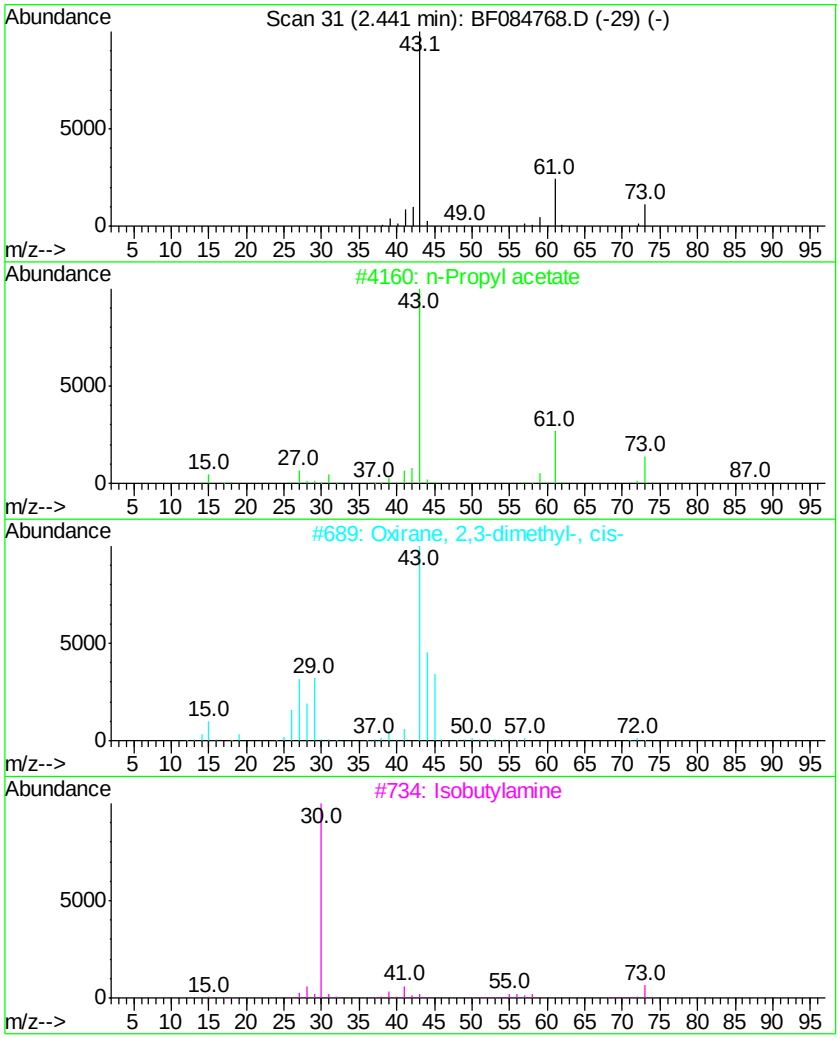
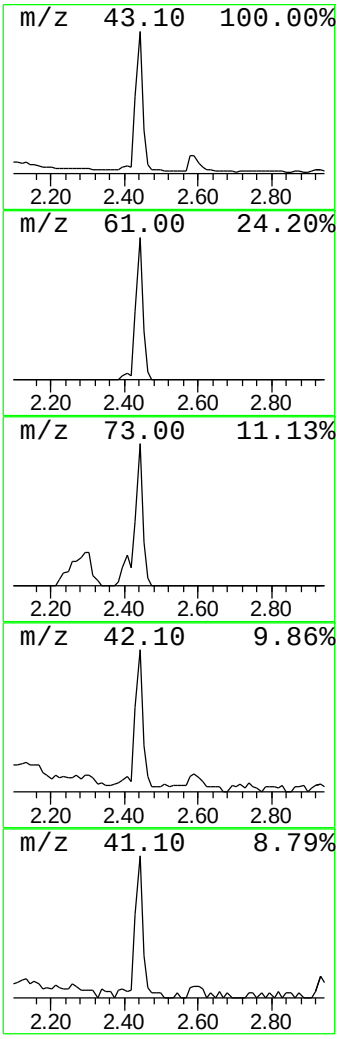
Peak Number 1 n-Propyl acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	4.28 ng	236929	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	Oxirane, 2,3-dimethyl-, cis-	72	C4H8O	001758-33-4	7
3	Isobutylamine	73	C4H11N	000078-81-9	5
4	1-Butanamine	73	C4H11N	000109-73-9	5
5	Ethanamine, N-ethyl-	73	C4H11N	000109-89-7	4





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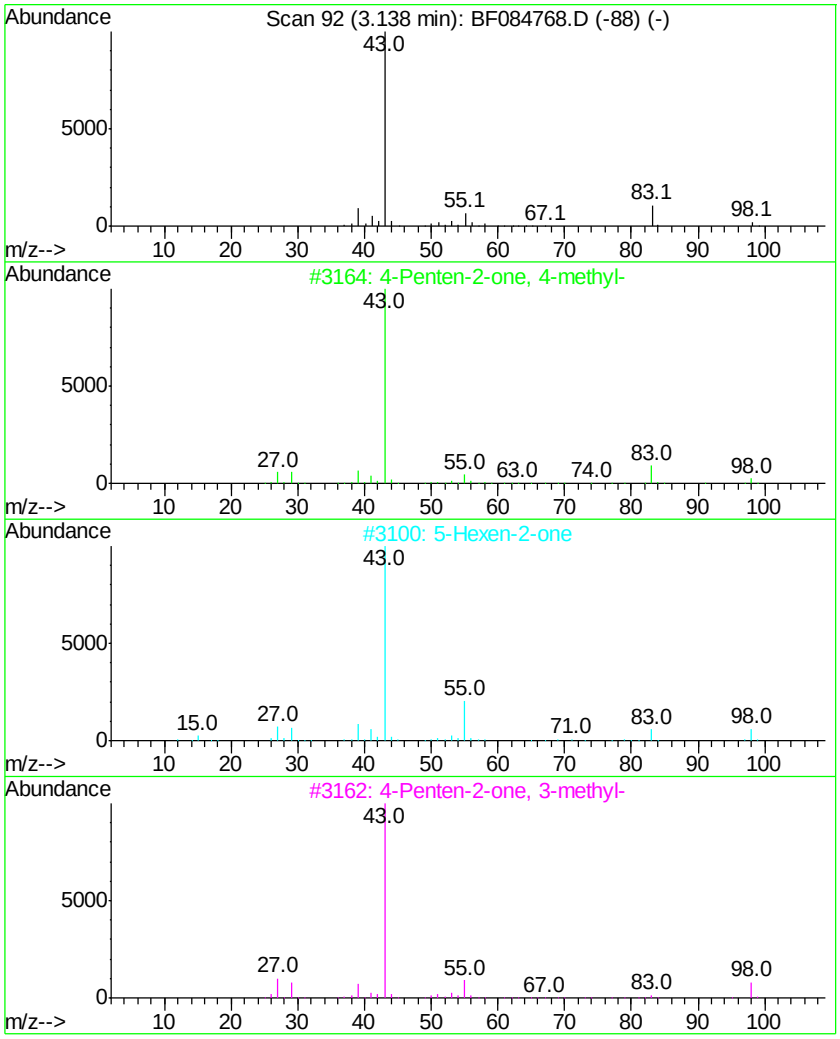
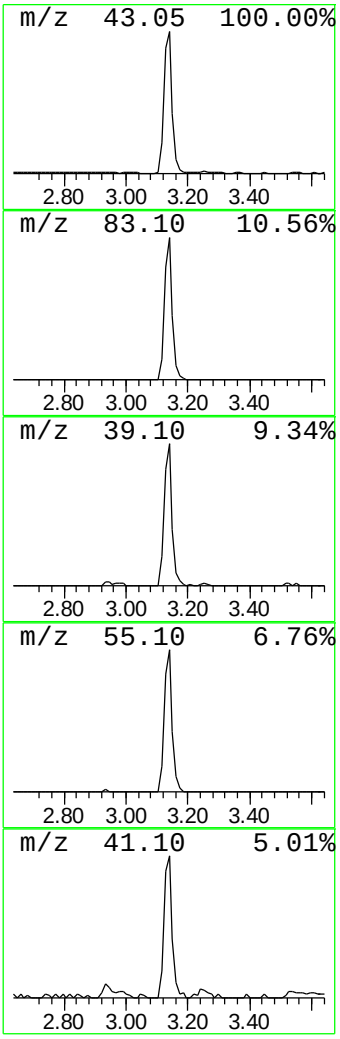
Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	13.88 ng	767534	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2	5-Hexen-2-one	98	C6H10O	000109-49-9	38
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	25
4	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	9
5	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	9





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Instrument : BNA_F
ClientSampleId : SUP-B024(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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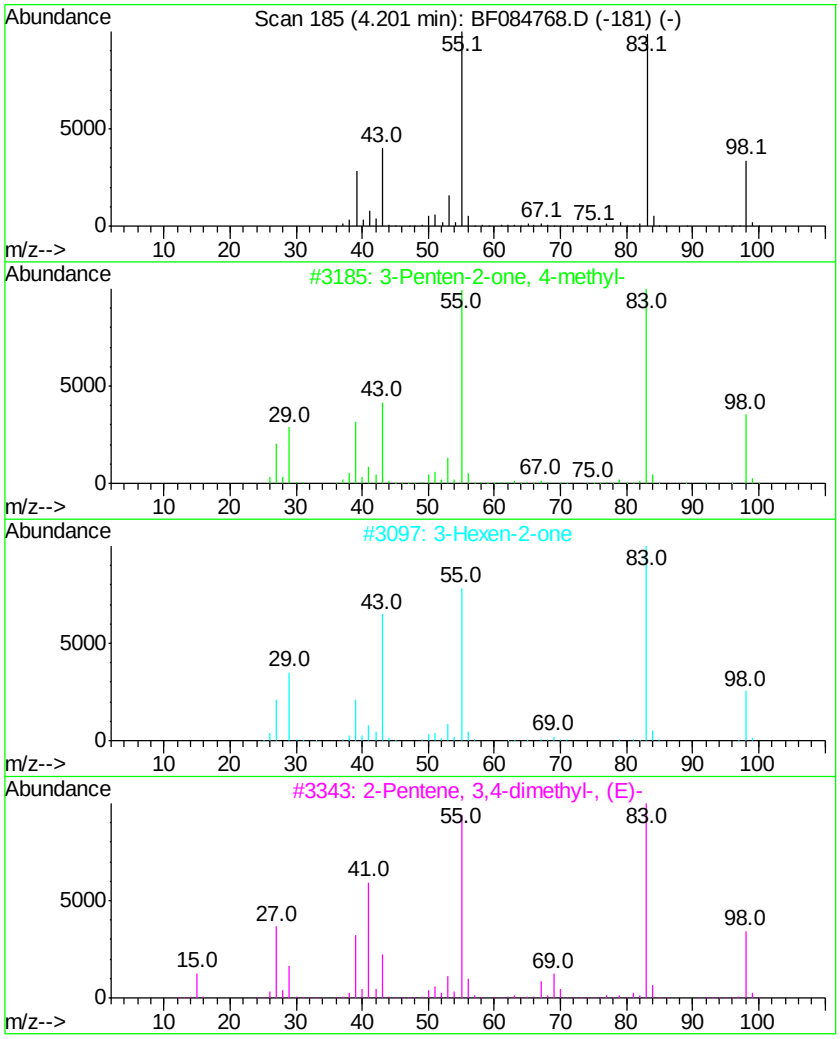
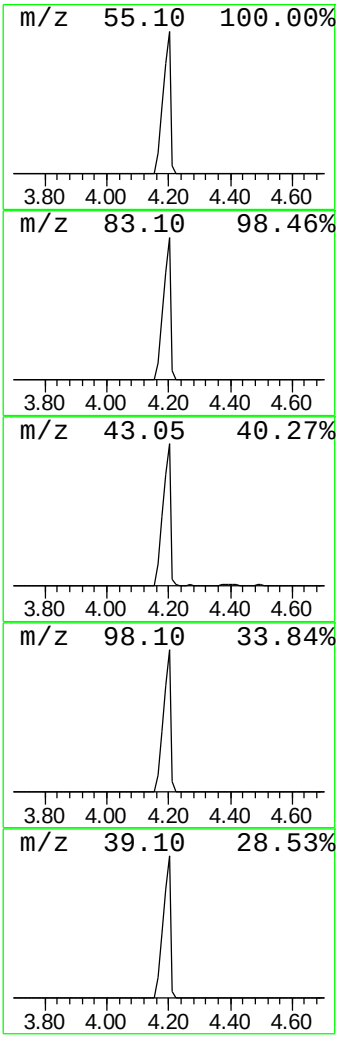
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	132.62 ng	7335720	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86





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Instrument : BNA_F
ClientSampleId : SUP-B024(5-7)

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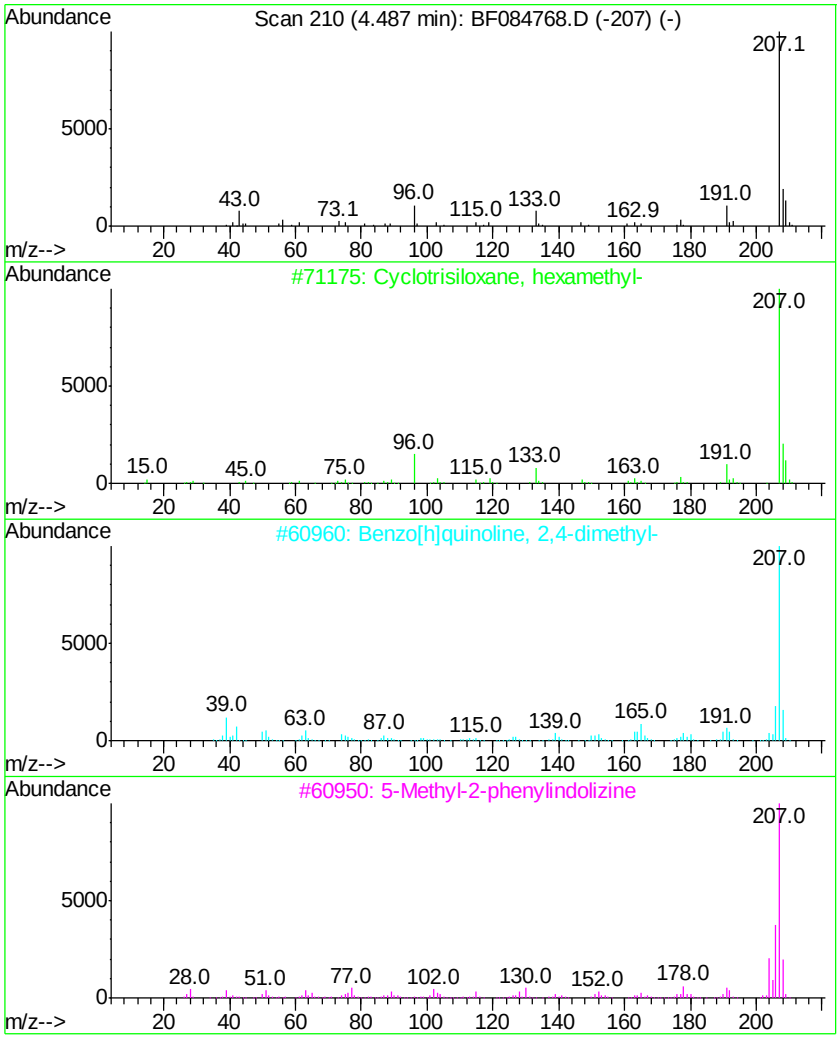
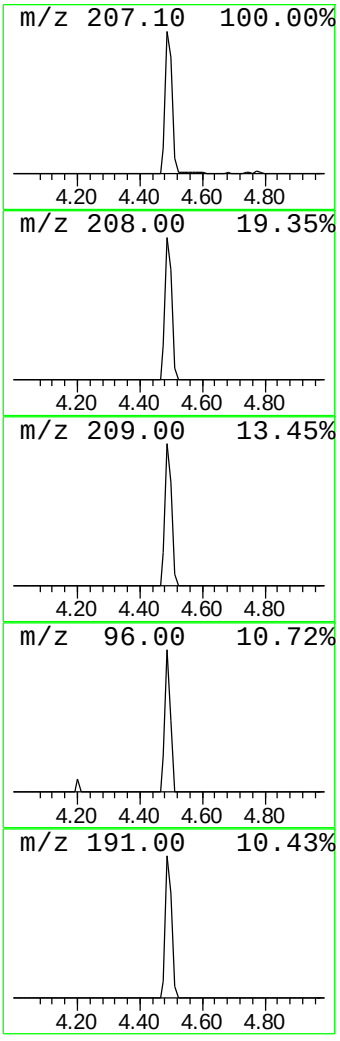
Peak Number 4 Cyclotrisiloxane, hexamethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	2.24 ng	123662	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39
4	2-Ethylacridine	207	C15H13N	055751-83-2	38
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38





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Sample : H1287-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B024(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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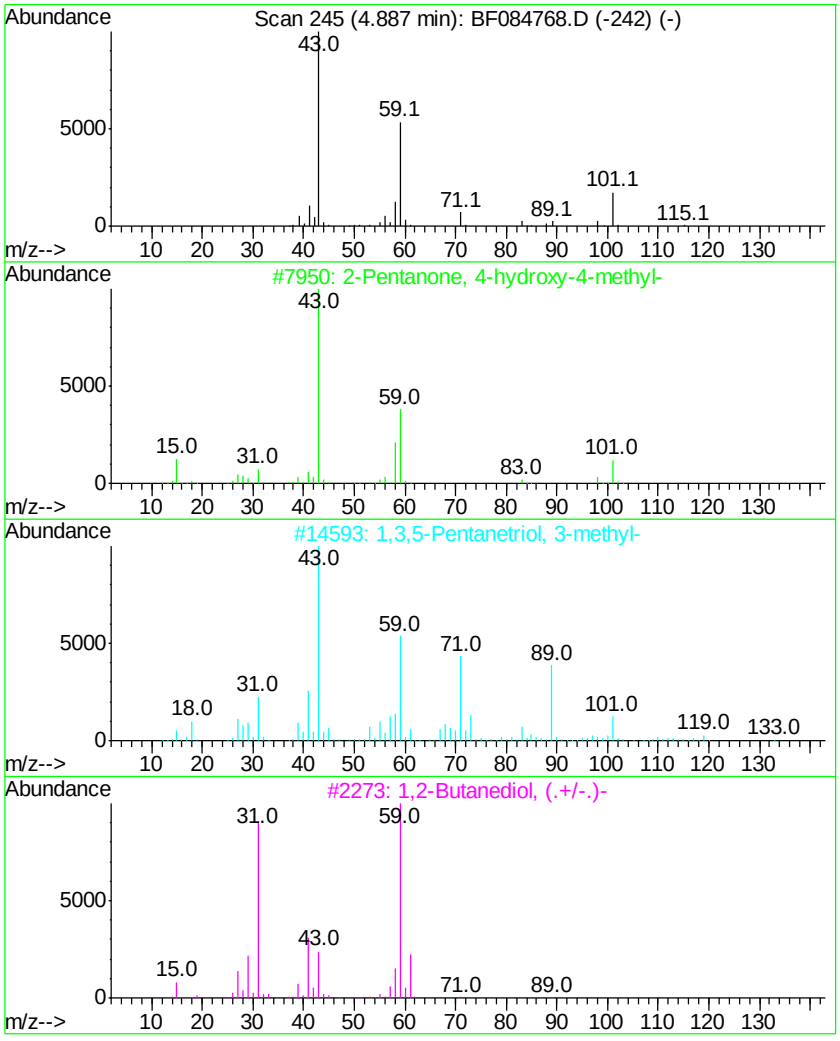
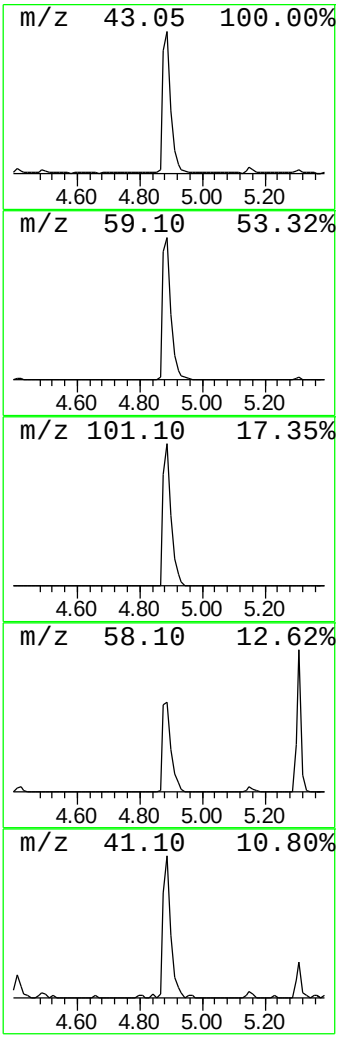
Peak Number 5 unknown4.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	12.44 ng	688174	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	1,3,5-Pentanetriol, 3-methyl-	134	C6H14O3	007564-64-9	38
3	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9





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Instrument : BNA_F
ClientSampleId : SUP-B024(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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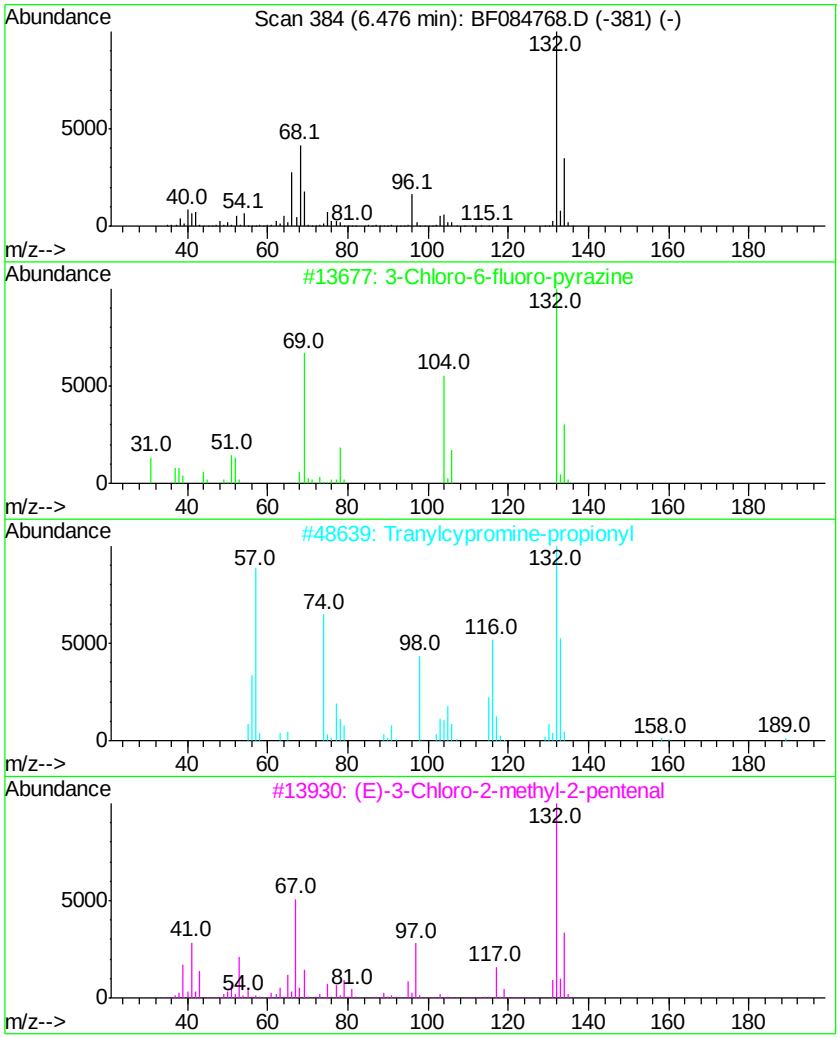
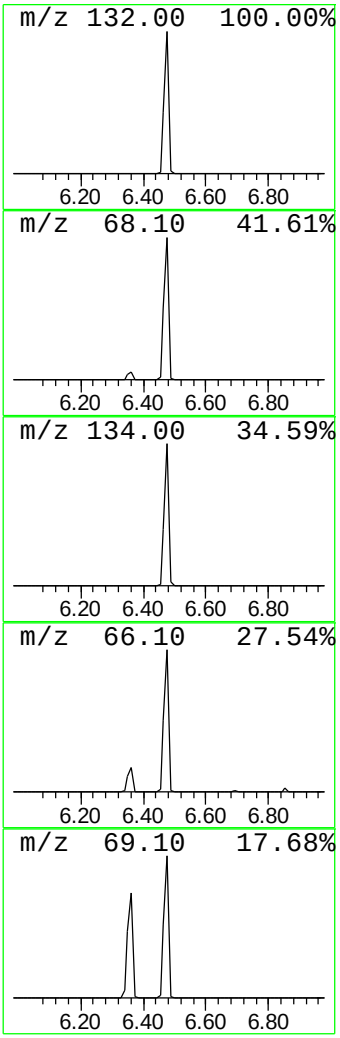
Peak Number 6 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	104.75 ng	5794380	1,4-Dichlorobenzene-d4	6.69

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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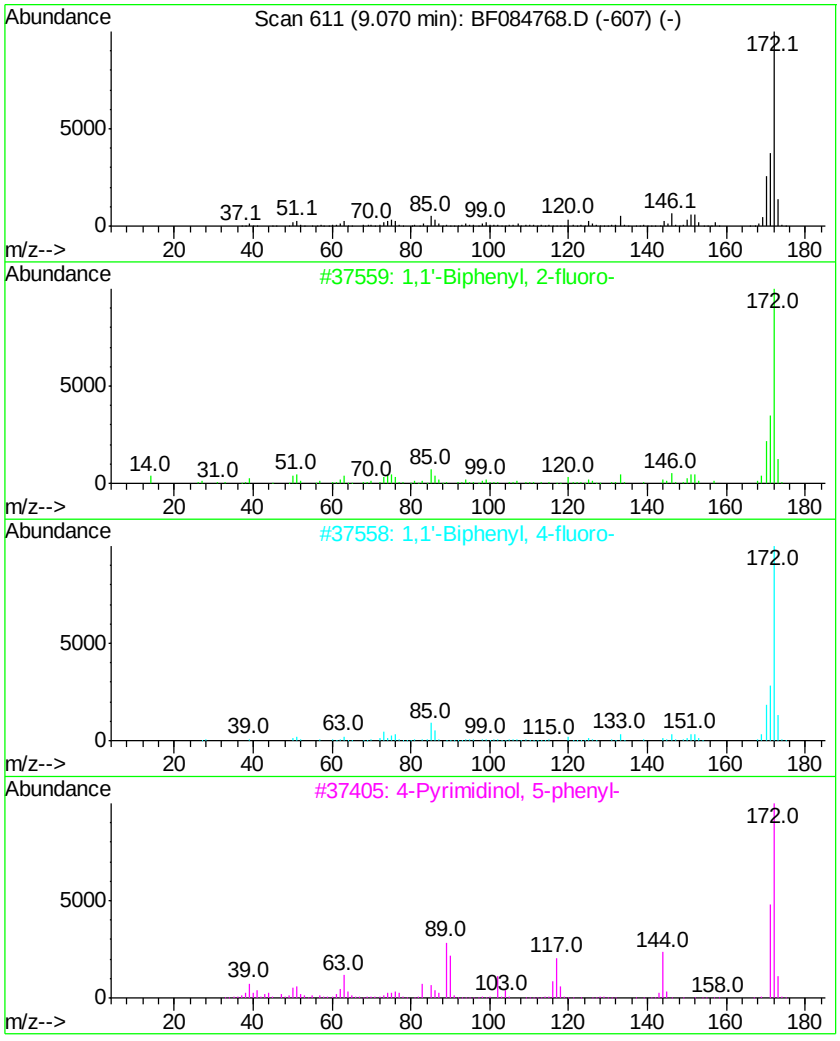
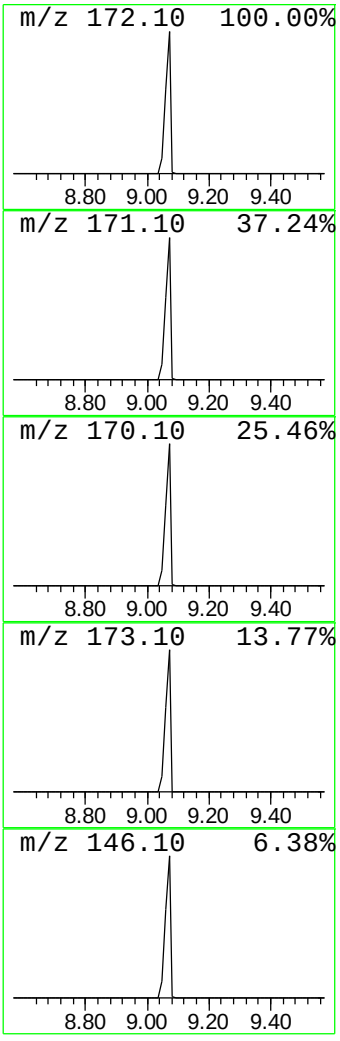
Peak Number 8 1,1'-Biphenyl, 2-fluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	87.10 ng	6932640	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	94
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	87
3	4-Pyrimidinol, 5-phenyl-	172	C10H8N2O	022433-69-8	42
4	2-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	064435-20-7	38
5	4-(4-Hydroxyphenyl)pyrimidine	172	C10H8N2O	023380-78-1	28





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	2.44	4.3	ng	236929	1	6.69	1106280	20.0
4-Penten-2-one, 4...	3.14	13.9	ng	767534	1	6.69	1106280	20.0
3-Penten-2-one, 4...	4.20	132.6	ng	7335720	1	6.69	1106280	20.0
Cyclotrisiloxane,...	4.49	2.2	ng	123662	1	6.69	1106280	20.0
unknown4.89	4.89	12.4	ng	688174	1	6.69	1106280	20.0
unknown6.48	6.48	104.8	ng	5794380	1	6.69	1106280	20.0
1,1'-Biphenyl, 2-...	9.07	87.1	ng	6932640	3	9.73	1591810	20.0