LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089028.D
Acq On : 15 Jul 2016 21:00
Operator : UM/SJ
Sample : H3951-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(0-2in)

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-BF063016.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	1.655	5	6	15	rVB	36806	81380	3.72%	1.041%
2	1.770	15	16	52	rVB	925317	2189618	100.00%	28.015%
3	2.215	52	55	58	rVB	76151	100763	4.60%	1.289%
4	4.799	279	281	284	rBV	52843	54487	2.49%	0.697%
5	5.267	320	322	324	rBV	252606	303859	13.88%	3.888%
6	6.319	412	414	417	rBV	371473	323584	14.78%	4.140%
7	6.444	423	425	427	rBB	372328	336234	15.36%	4.302%
8	6.673	443	445	447	rBB	469230	385588	17.61%	4.933%
9	6.833	457	459	461	rBB	241564	255461	11.67%	3.268%
10	7.233	492	494	497	rBB	200652	184968	8.45%	2.367%
11	7.965	555	558	560	rBV	496921	491629	22.45%	6.290%
12	9.039	649	652	654	rBV	448112	365919	16.71%	4.682%
13	9.439	684	687	689	rBB	54088	67377	3.08%	0.862%
14	9.713	708	711	713	rBV	411220	456670	20.86%	5.843%
15	10.491	777	779	781	rBV	166239	137190	6.27%	1.755%
16	11.188	837	840	842	rBV	330385	388408	17.74%	4.969%
17	11.759	888	890	891	rVV	24517	22229	1.02%	0.284%
18	11.794	891	893	896	rVV	17549	28554	1.30%	0.365%
19	12.319	937	939	941	rBV3	16792	28822	1.32%	0.369%
20	12.388	943	945	947	rVV	103638	94649	4.32%	1.211%
21	12.616	962	965	966	rBV	62810	93182	4.26%	1.192%
22	12.651	966	968	970	rBV2	57806	80979	3.70%	1.036%
23	12.765	976	978	980	rBV	269404	240128	10.97%	3.072%
24	13.245	1018	1020	1022	rBV	115837	104102	4.75%	1.332%
25	13.805	1067	1069	1074	rBV	455707	499964	22.83%	6.397%
26	15.120	1182	1184	1187	rBV	45468	77224	3.53%	0.988%
27	15.177	1187	1189	1200	rVB	236895	384311	17.55%	4.917%
28	16.823	1331	1333	1338	rVB	20423	38730	1.77%	0.496%

Sum of corrected areas: 7816009

LSC Report - Integrated Chromatogram

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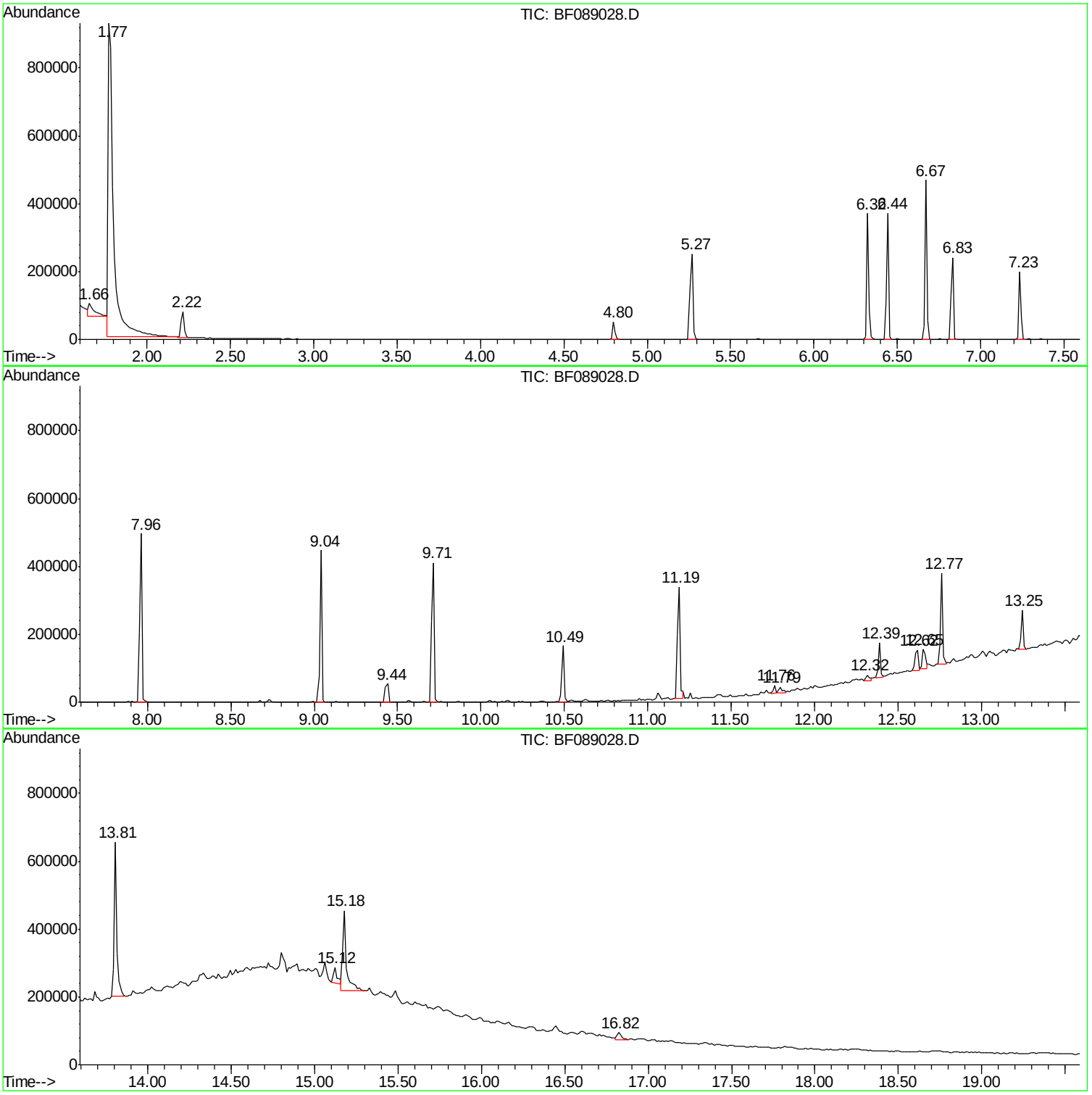
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB03(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089028.D
Acq On : 15 Jul 2016 21:00
Operator : UM/SJ
Sample : H3951-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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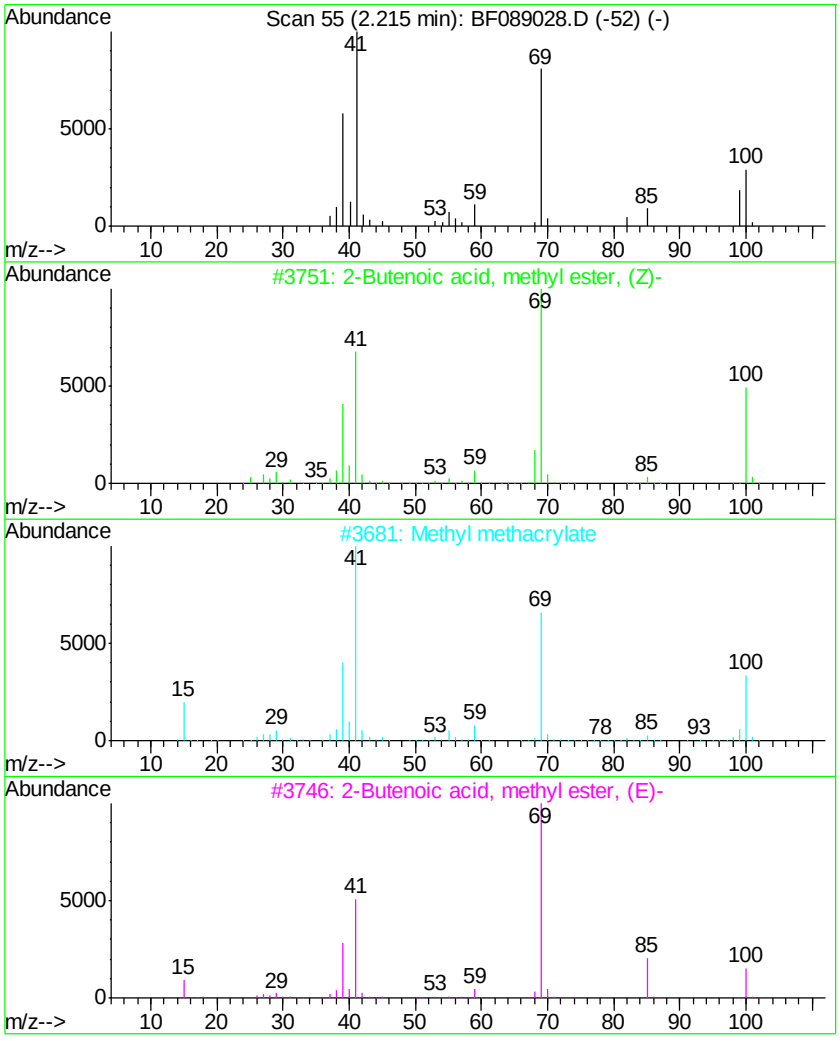
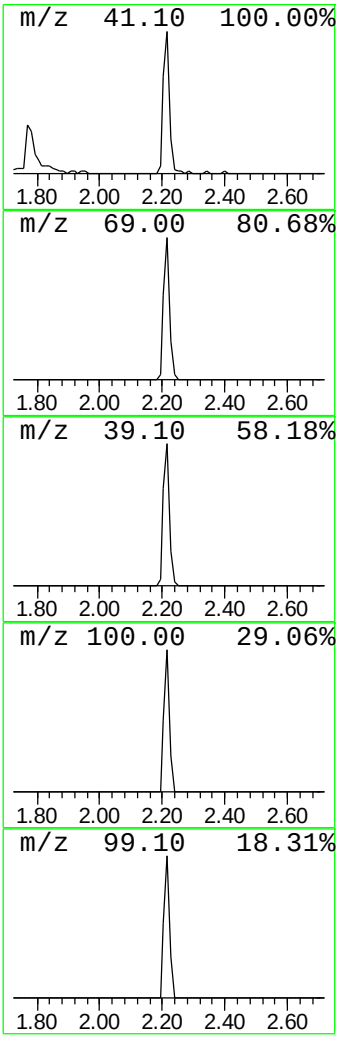
Peak Number 3 2-Butenoic acid, methyl est... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	5.23 ng	100763	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, methyl ester, (Z)-	100	C5H8O2	004358-59-2	87
2	Methyl methacrylate	100	C5H8O2	000080-62-6	86
3	2-Butenoic acid, methyl ester, (E)-	100	C5H8O2	000623-43-8	64
4	2-Propenoic acid, 2-methyl-, 2-h...	144	C7H12O3	000923-26-2	64
5	Methacrylic anhydride	154	C8H10O3	000760-93-0	59





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Sample : H3951-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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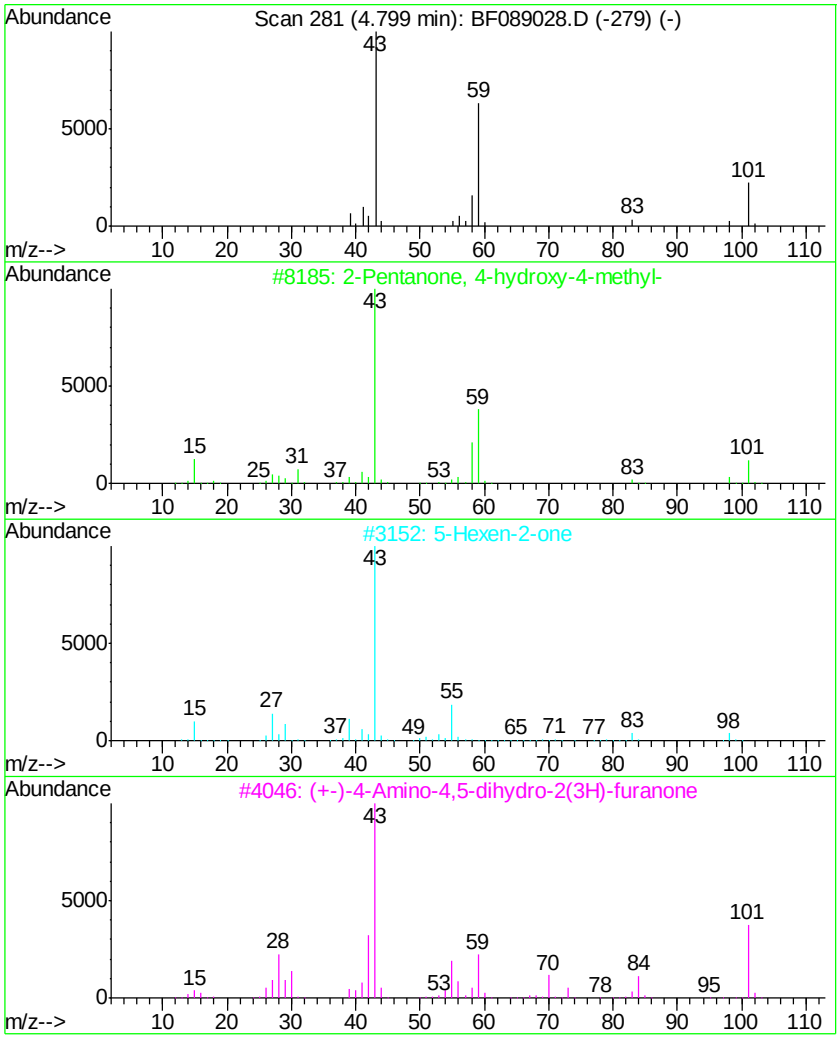
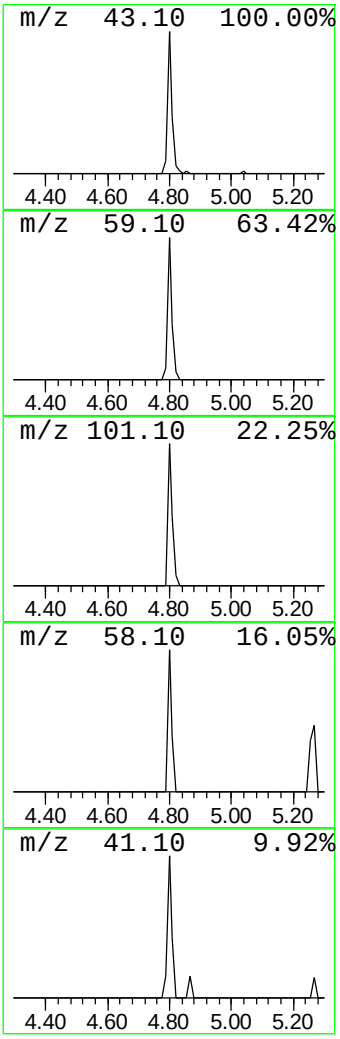
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	2.83 ng	54487	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Data File : BF089028.D
Acq On : 15 Jul 2016 21:00
Operator : UM/SJ
Sample : H3951-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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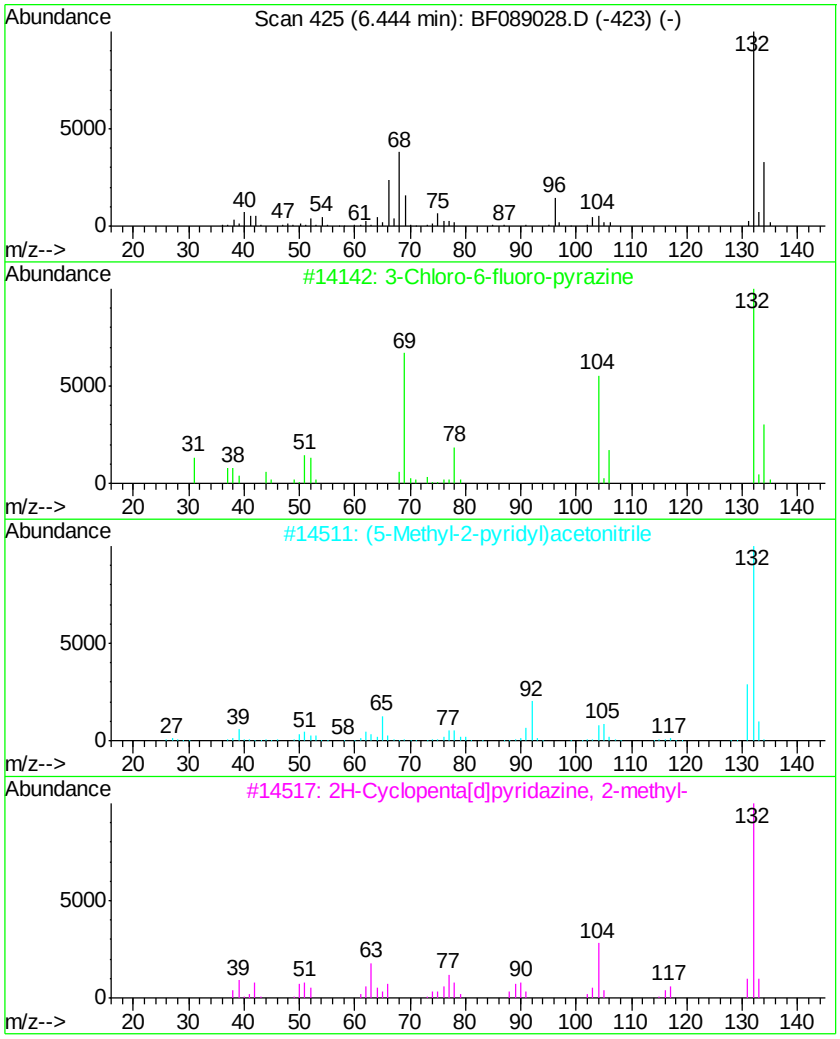
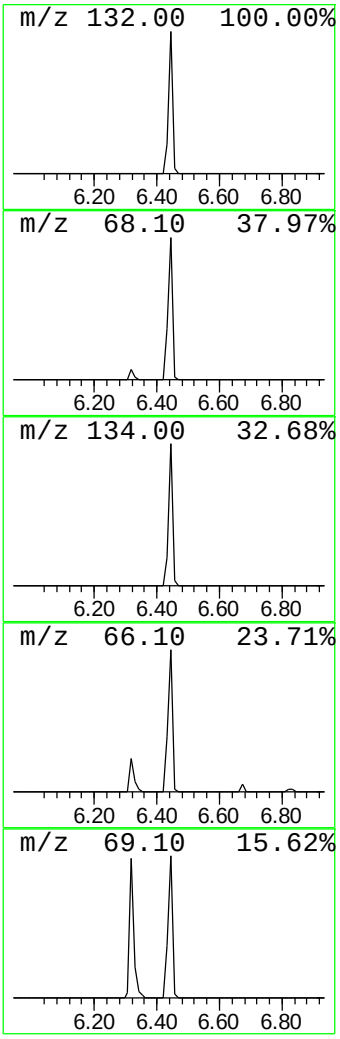
Peak Number 5 unknown6.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	17.44 ng	336234	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Butenoic acid, ...	2.22	5.2	ng	100763	1	6.67	385588	20.0
2-Pentanone, 4-hy...	4.80	2.8	ng	54487	1	6.67	385588	20.0
unknown6.44	6.44	17.4	ng	336234	1	6.67	385588	20.0