LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087840.D
Acq On : 9 Jun 2016 8:12
Operator : UM/SJ
Sample : H3371-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

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-BF060716.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	1.758	13	15	16	rBV	327589	472192	15.23%	1.813%
2	1.884	24	26	29	rBV	1174079	2018083	65.08%	7.750%
3	2.616	88	90	96	rVB	66890	89054	2.87%	0.342%
4	4.353	239	242	245	rBV	203704	242197	7.81%	0.930%
5	4.570	259	261	265	rVB2	17242	33535	1.08%	0.129%
6	5.016	297	300	306	rVB	306272	510776	16.47%	1.961%
7	5.427	333	336	339	rBV	1816959	2504455	80.76%	9.618%
8	6.467	424	427	429	rBV	2049245	2582082	83.27%	9.916%
9	6.593	435	438	441	rBV	2281047	2467593	79.57%	9.476%
10	6.822	456	458	461	rBV	542496	582841	18.80%	2.238%
11	6.982	470	472	475	rVB	2211237	1966184	63.40%	7.551%
12	7.393	505	508	510	rBV	1779215	1845599	59.52%	7.087%
13	8.113	568	571	575	rBV2	816882	1056684	34.08%	4.058%
14	8.822	631	633	635	rBV	54501	44389	1.43%	0.170%
15	9.199	662	666	668	rBV	2214195	3101034	100.00%	11.909%
16	9.862	722	724	726	rBV	516469	726045	23.41%	2.788%
17	10.662	791	794	796	rBV2	1088916	1525862	49.20%	5.860%
18	11.348	852	854	857	rBV	697655	631581	20.37%	2.425%
19	12.765	976	978	981	rBV	26727	37570	1.21%	0.144%
20	12.948	991	994	996	rBV	1858468	2544301	82.05%	9.771%
21	13.988	1082	1085	1087	rBV	571536	612966	19.77%	2.354%
22	15.405	1206	1209	1212	rBV	332188	445314	14.36%	1.710%

Sum of corrected areas: 26040337

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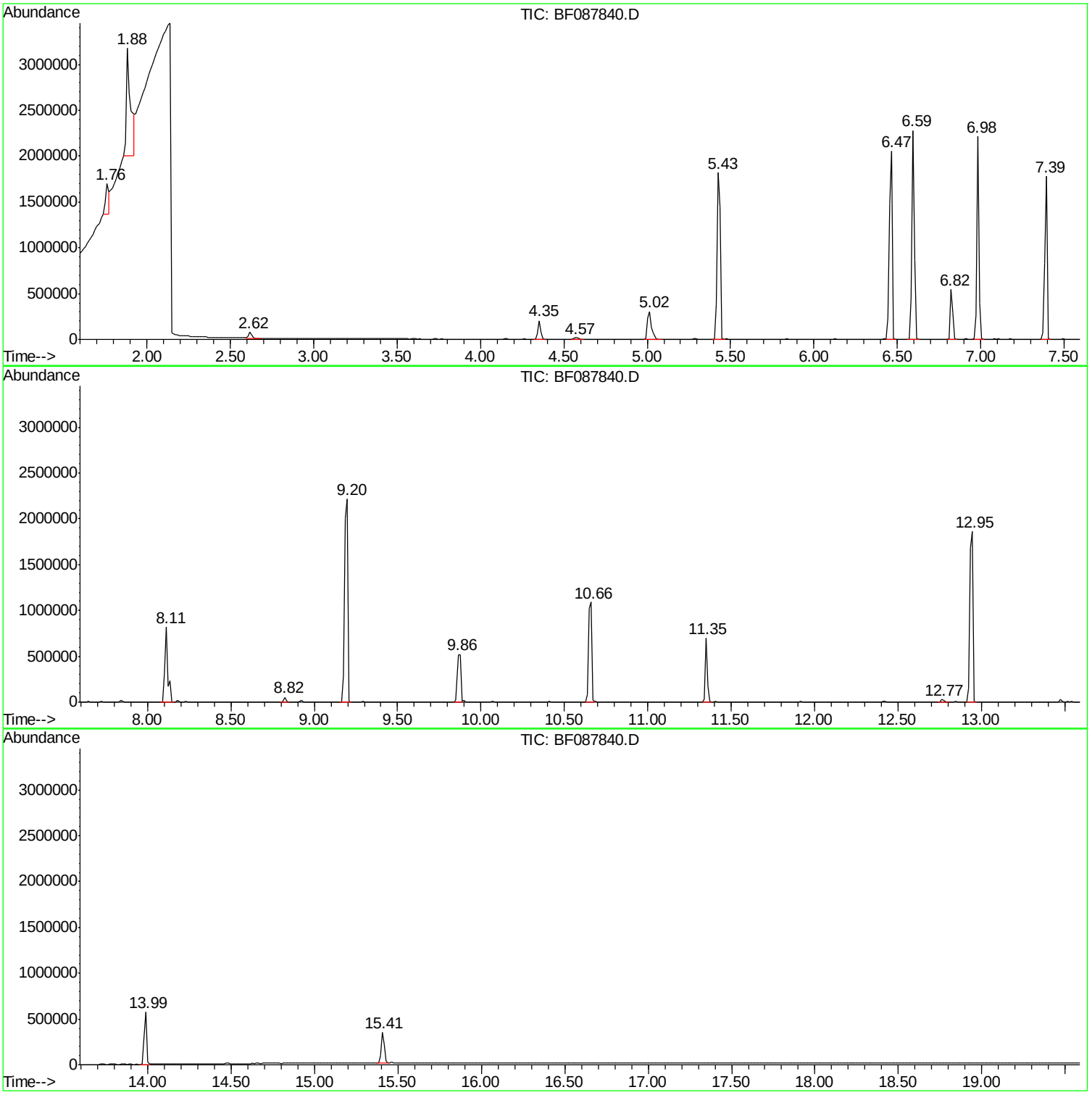
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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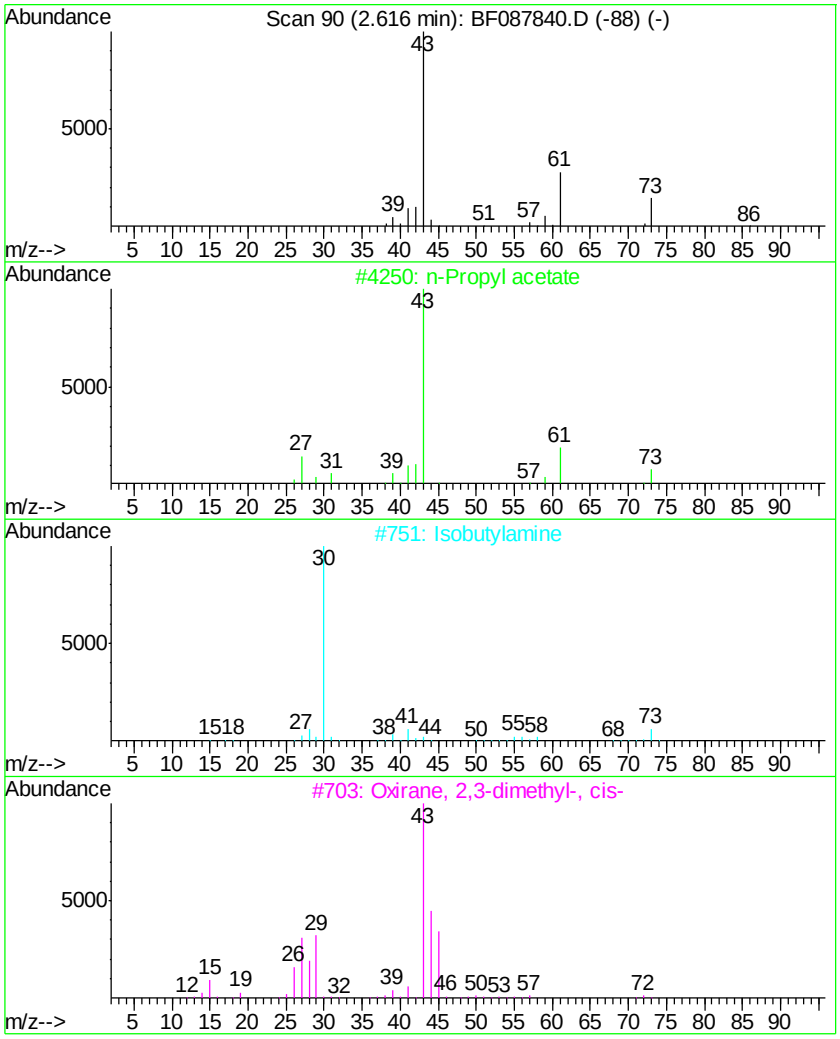
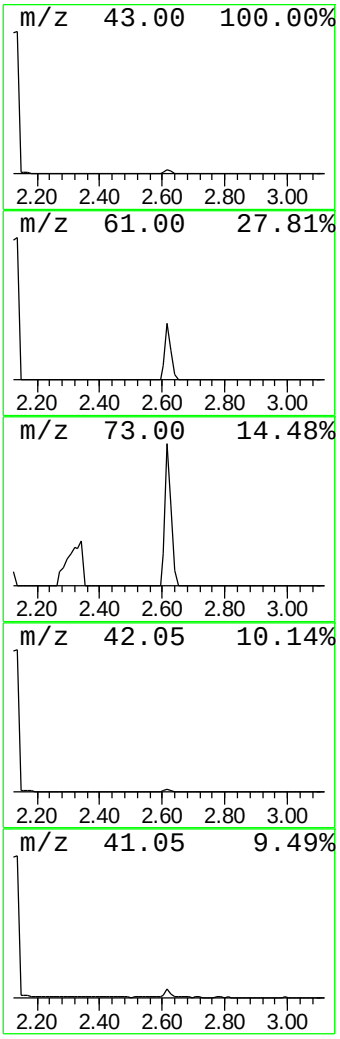
Peak Number 3 n-Propyl acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.62	3.06 ng	89054	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	Isobutylamine	73	C4H11N	000078-81-9	9
3	Oxirane, 2,3-dimethyl-, cis-	72	C4H8O	001758-33-4	9
4	Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	9
5	1-Butanamine	73	C4H11N	000109-73-9	5





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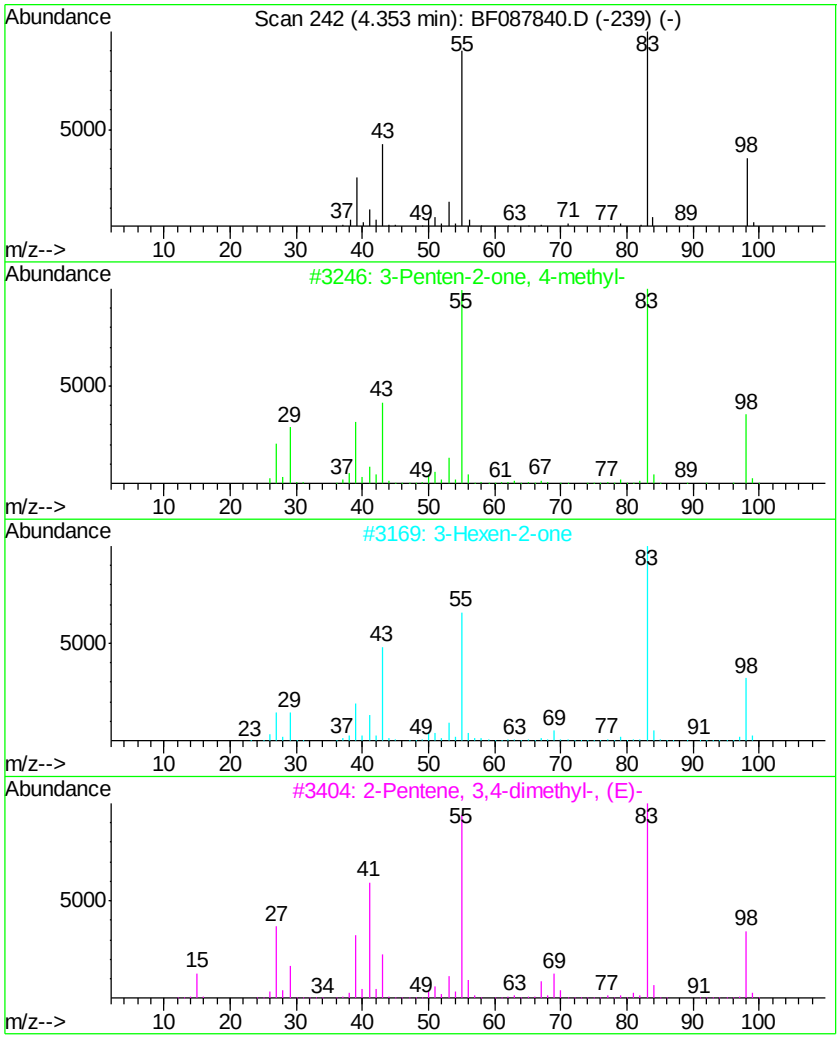
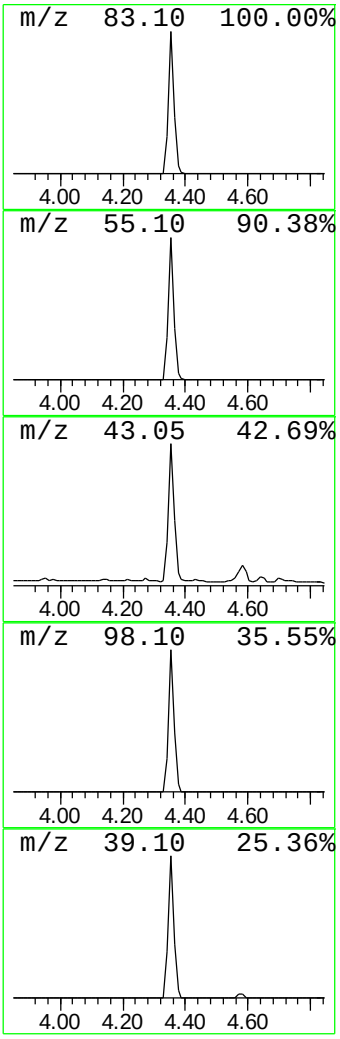
Peak Number 4 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	8.31 ng	242197	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





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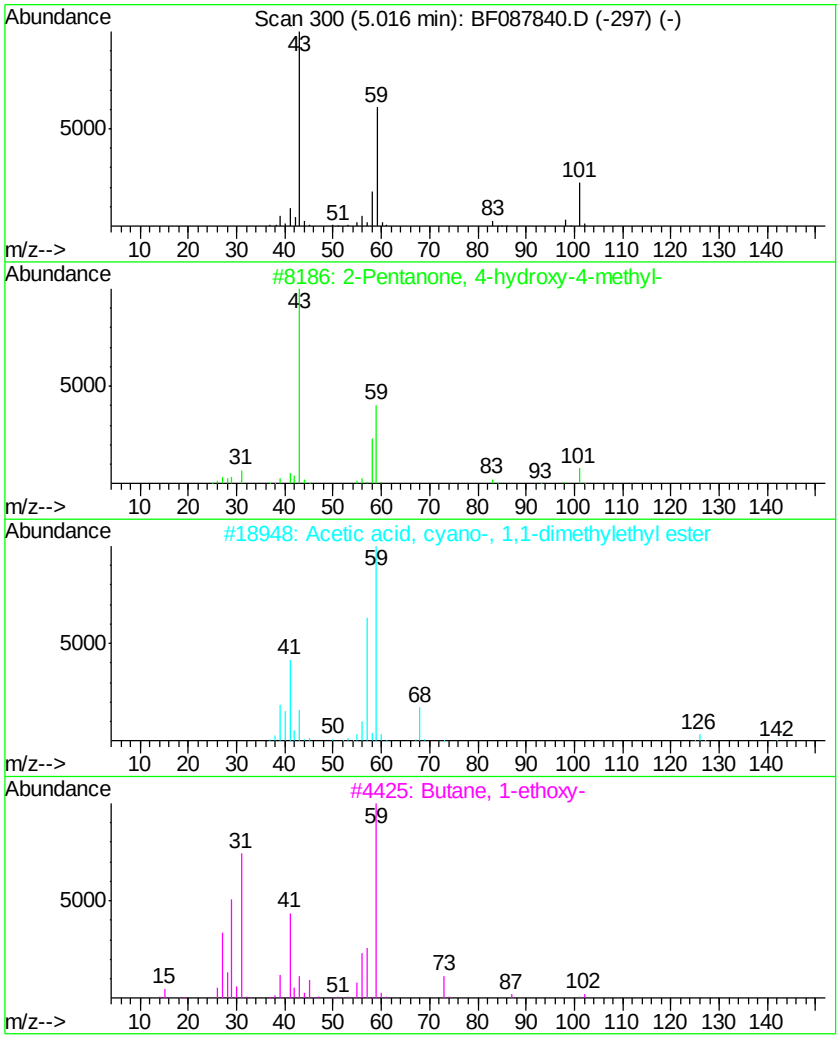
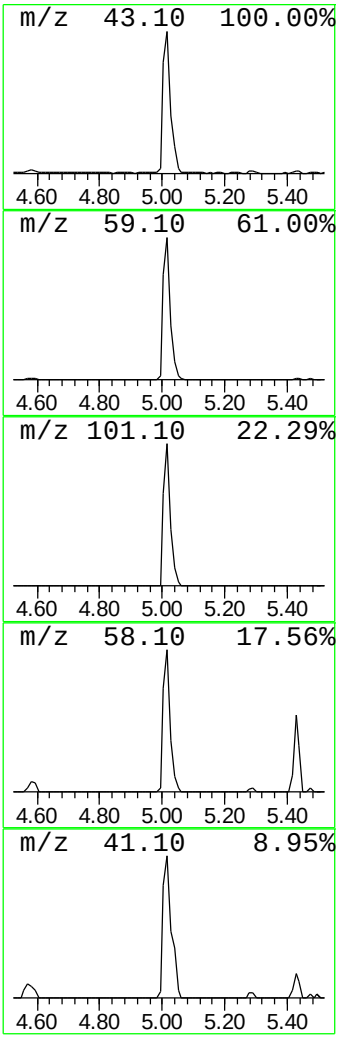
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	17.53 ng	510776	1,4-Dichlorobenzene-d4	6.82

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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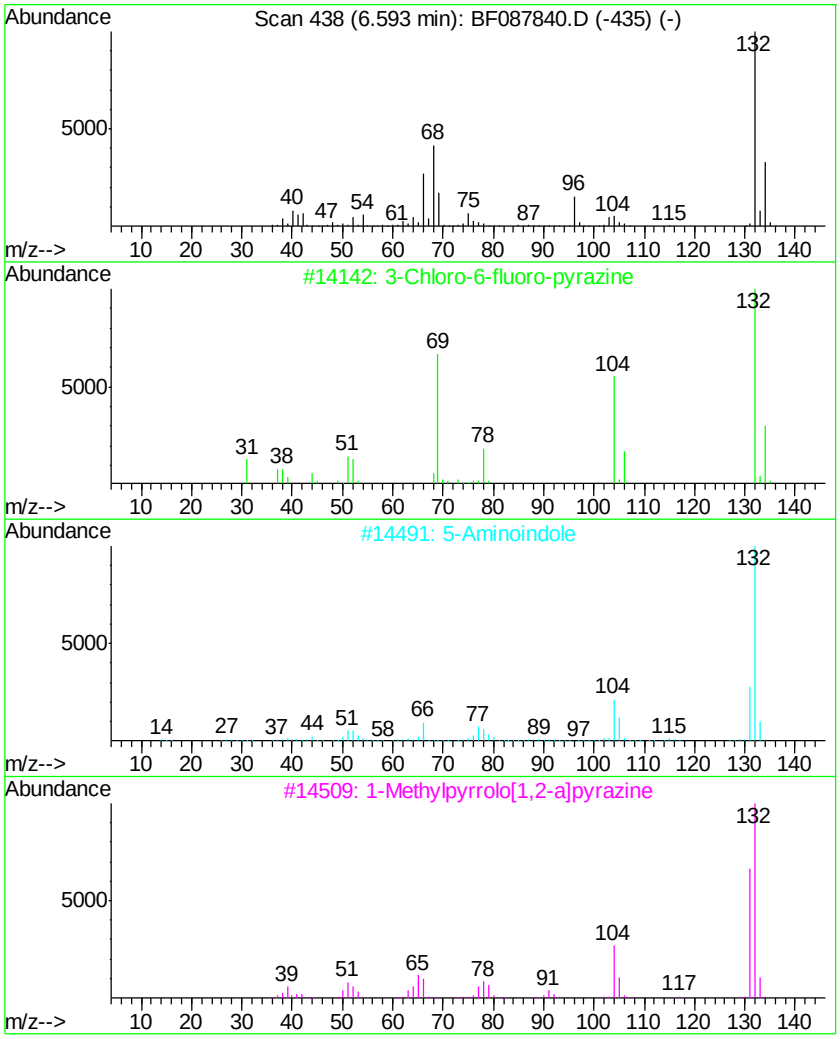
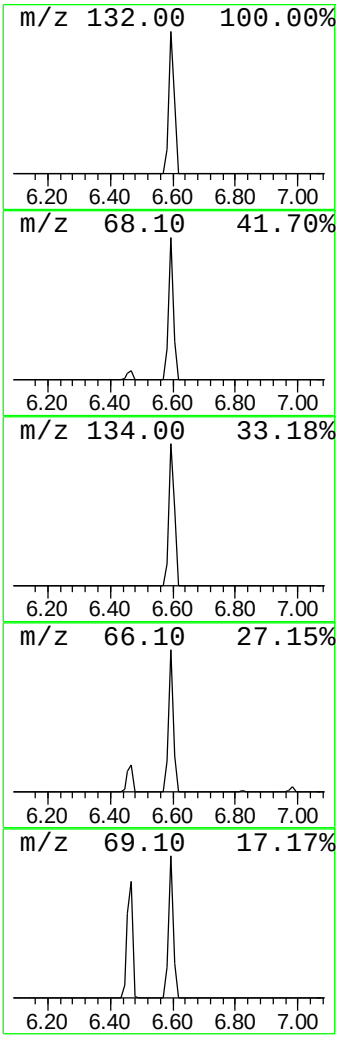
Peak Number 6 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	84.67 ng	2467590	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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	2.62	3.1	ng	89054	1	6.82	582841	20.0
3-Penten-2-one, 4...	4.35	8.3	ng	242197	1	6.82	582841	20.0
2-Pentanone, 4-hy...	5.02	17.5	ng	510776	1	6.82	582841	20.0
unknown6.59	6.59	84.7	ng	2467590	1	6.82	582841	20.0