LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092864.D
Acq On : 8 Feb 2017 20:19
Operator : SJ/MA
Sample : I1739-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 020217-PR-E-U-M

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-BF013017.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	4.407	201	203	216	rBV	182594	242587	4.91%	0.831%
2	5.058	258	260	263	rBV	1034965	1172980	23.75%	4.017%
3	5.493	296	298	300	rBV	1152698	1073448	21.73%	3.676%
4	5.893	331	333	336	rBV	207588	179615	3.64%	0.615%
5	6.521	386	388	392	rBV	604785	689641	13.96%	2.362%
6	6.659	398	400	403	rBV	2008823	1836114	37.18%	6.288%
7	6.899	418	421	423	rBV	667410	822199	16.65%	2.815%
8	7.047	432	434	437	rBV	2764705	3022756	61.20%	10.351%
9	7.459	467	470	473	rBV	2462231	2417041	48.94%	8.277%
10	8.179	530	533	535	rBV	1359121	1162386	23.54%	3.980%
11	9.253	624	627	630	rBV	4470143	4349096	88.06%	14.893%
12	9.928	684	686	689	rBV	1328015	1257884	25.47%	4.307%
13	10.362	720	724	726	rBV	37011	52648	1.07%	0.180%
14	10.716	753	755	758	rBV	1426031	1558578	31.56%	5.337%
15	10.830	763	765	772	rVB	55346	61188	1.24%	0.210%
16	11.413	814	816	819	rBV	1426944	1298465	26.29%	4.446%
17	13.002	952	955	958	rBV	3510360	4938852	100.00%	16.912%
18	14.054	1044	1047	1050	rVV	1531754	1398123	28.31%	4.788%
19	15.505	1170	1174	1181	rVB	940914	1357877	27.49%	4.650%
20	15.940	1209	1212	1218	rBV	42384	69762	1.41%	0.239%
21	16.431	1252	1255	1262	rVB	40498	74703	1.51%	0.256%
22	17.003	1302	1305	1312	rVB2	26017	56116	1.14%	0.192%
23	17.677	1360	1364	1368	rBV3	20115	55586	1.13%	0.190%
24	19.448	1514	1519	1524	rBV8	12968	54959	1.11%	0.188%

Sum of corrected areas: 29202604

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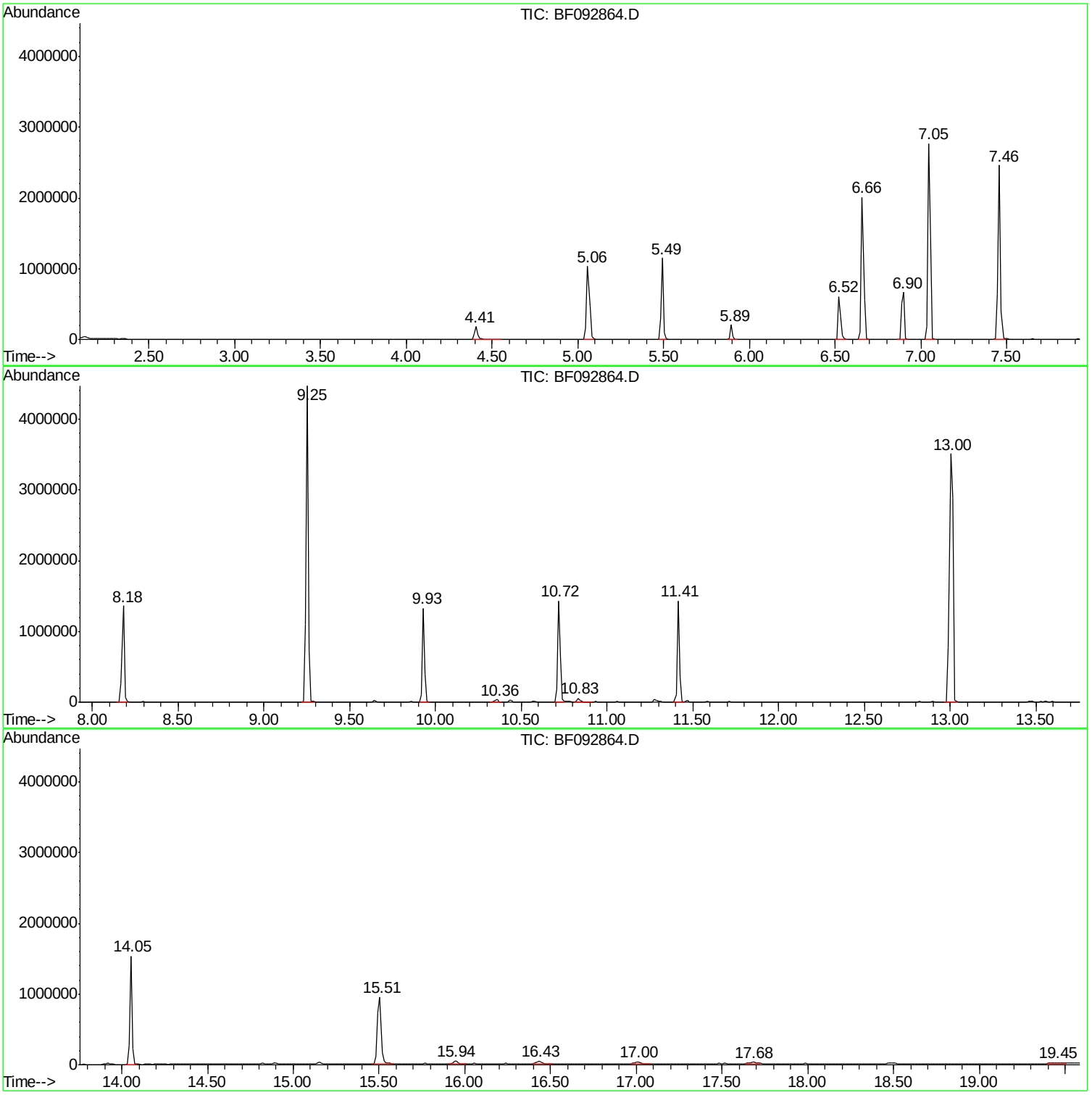
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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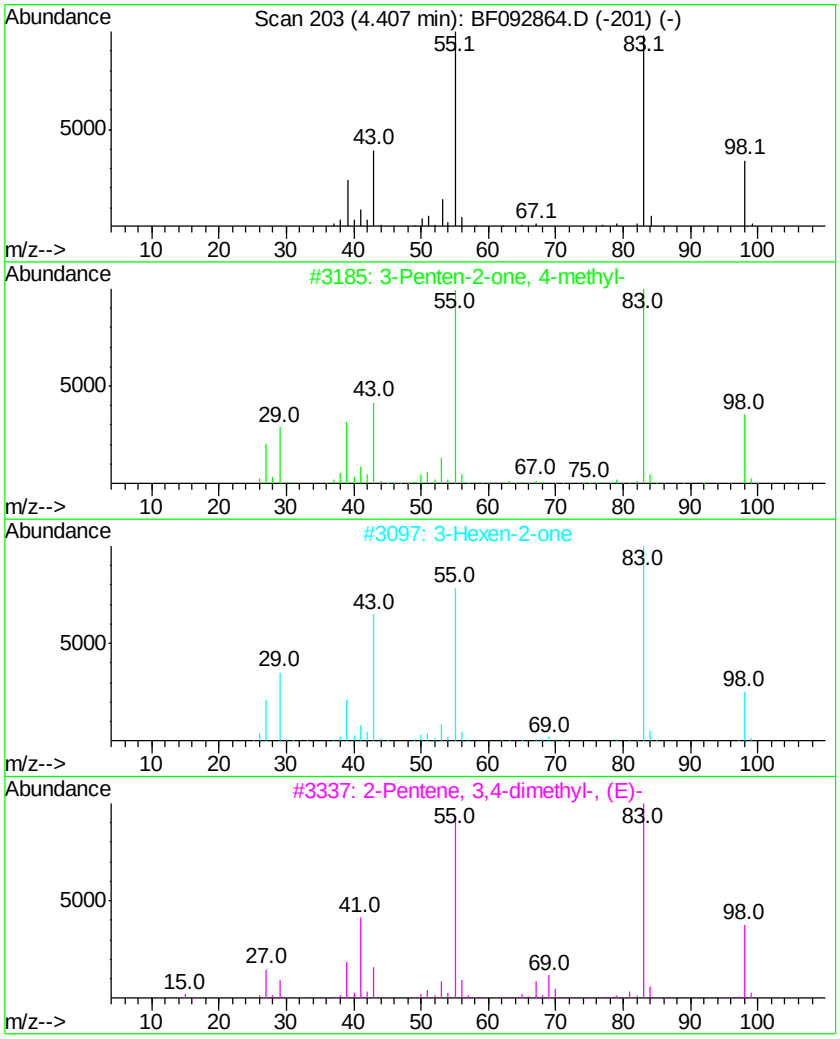
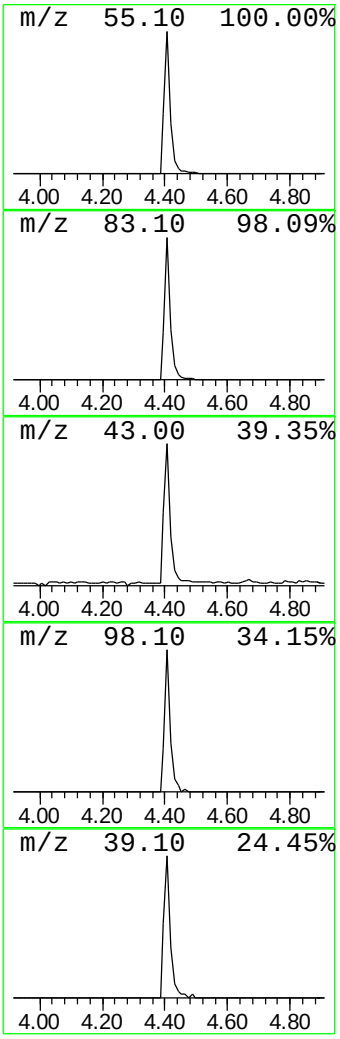
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	5.90 ng	242587	1,4-Dichlorobenzene-d4	6.90

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	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





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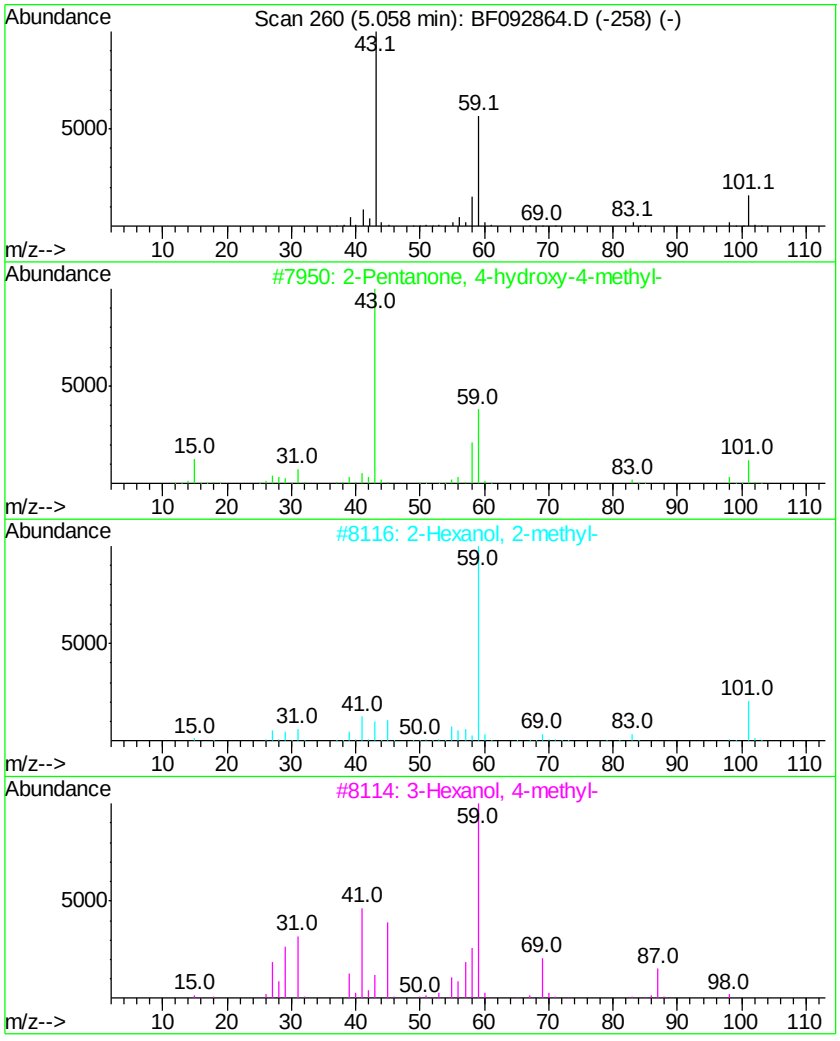
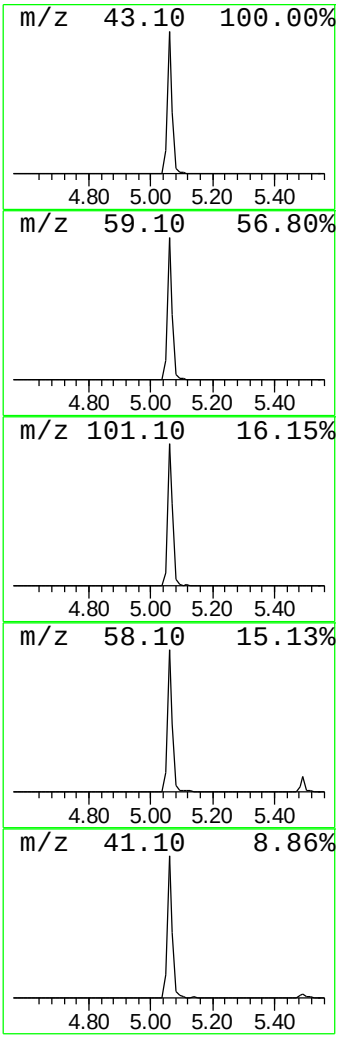
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	28.53 ng	1172980	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Instrument : BNA_F
ClientSampleId : 020217-PR-E-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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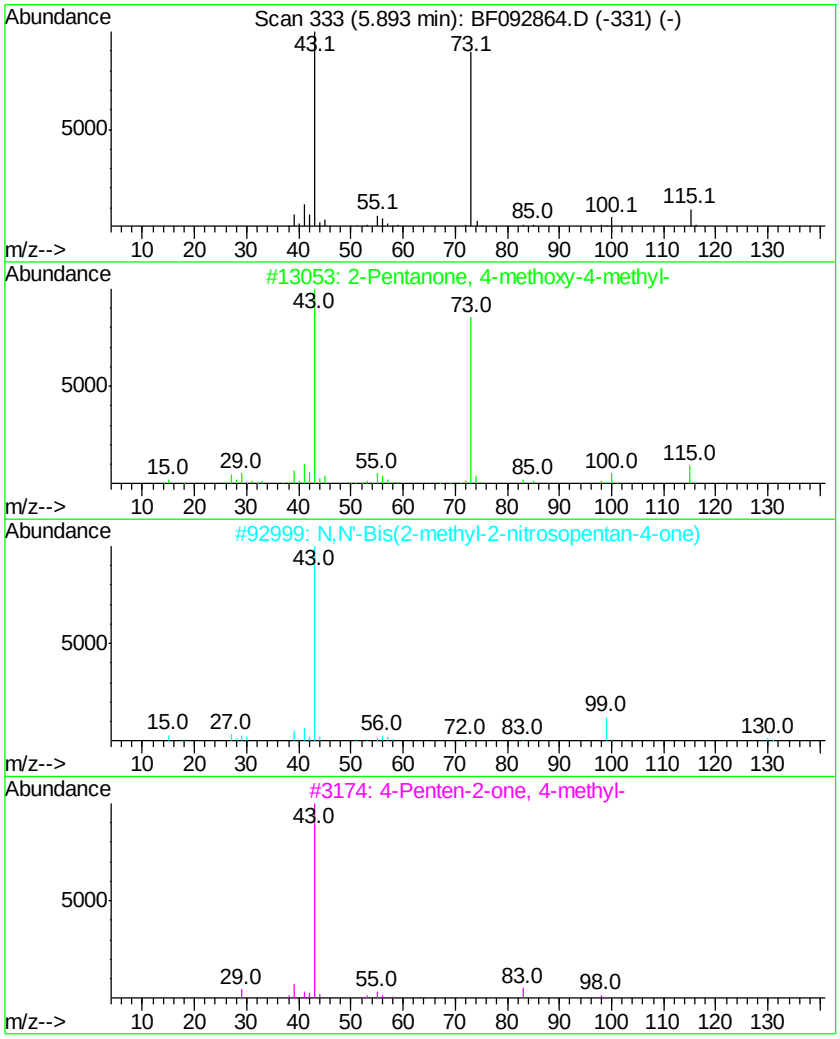
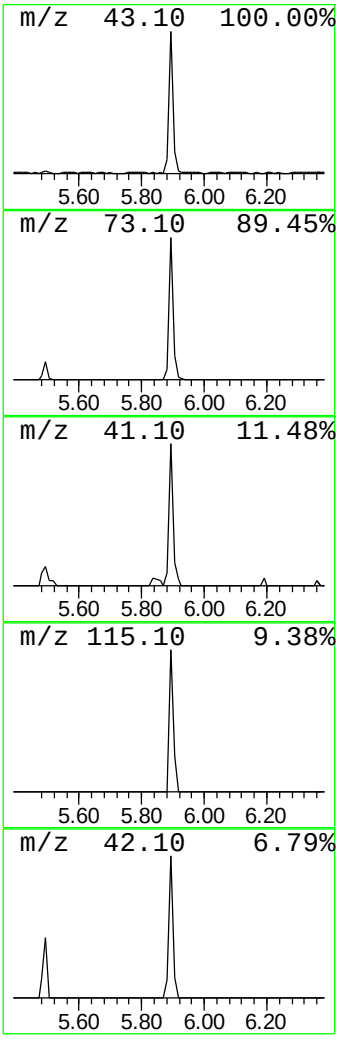
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.37 ng	179615	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	12
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	9





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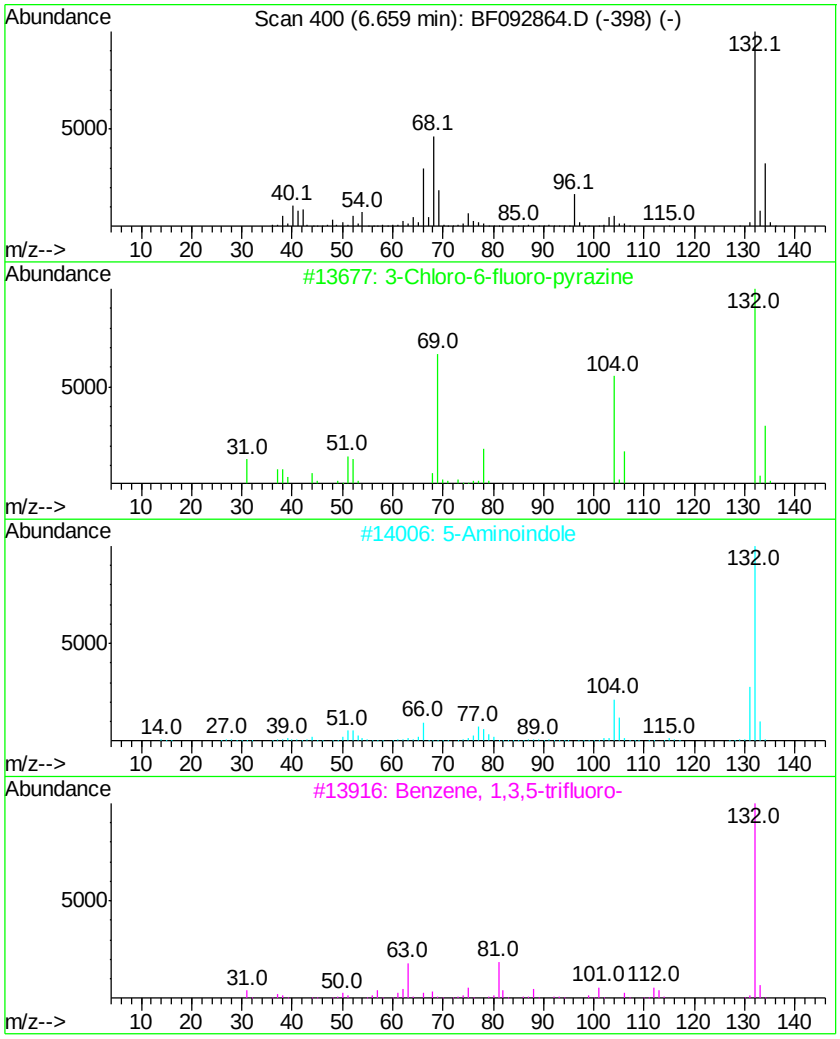
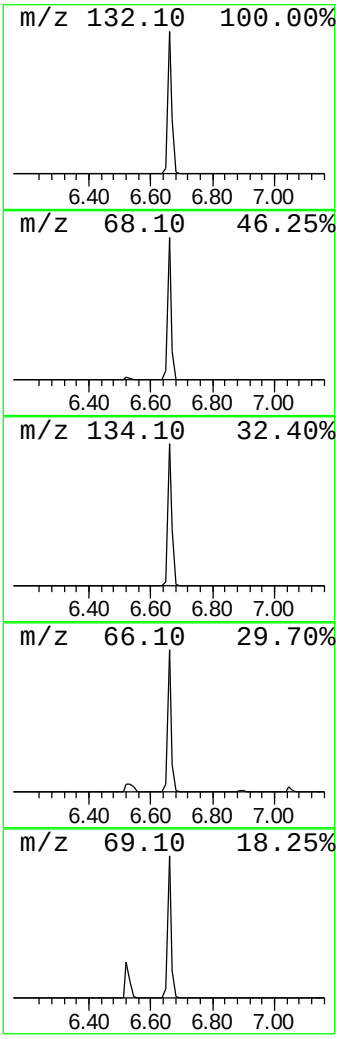
Peak Number 4 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	44.66 ng	1836110	1,4-Dichlorobenzene-d4	6.90

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	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.41	5.9	ng	242587	1	6.90	822199	20.0
2-Pentanone, 4-hy...	5.06	28.5	ng	1172980	1	6.90	822199	20.0
2-Pentanone, 4-me...	5.89	4.4	ng	179615	1	6.90	822199	20.0
unknown6.66	6.66	44.7	ng	1836110	1	6.90	822199	20.0