LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092867.D
Acq On : 8 Feb 2017 21:41
Operator : SJ/MA
Sample : I1740-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 020317-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	200	203	212	rBV	182646	244568	5.01%	0.800%
2	5.058	257	260	263	rBV	1065477	1196161	24.50%	3.913%
3	5.493	296	298	300	rBV	1145137	1115815	22.85%	3.650%
4	5.893	331	333	336	rBV	216409	184288	3.77%	0.603%
5	6.521	386	388	393	rBV	614530	696141	14.26%	2.277%
6	6.659	398	400	403	rBV	1881060	1961941	40.18%	6.419%
7	6.899	418	421	423	rBV	944309	895974	18.35%	2.931%
8	7.059	432	435	437	rBV	2719109	3354071	68.69%	10.973%
9	7.459	467	470	473	rBV	2039631	2883090	59.04%	9.432%
10	8.179	531	533	536	rBV	1373716	1186714	24.30%	3.882%
11	9.253	624	627	630	rBV	4005740	4647586	95.18%	15.205%
12	9.927	684	686	689	rBV	1205222	1326911	27.17%	4.341%
13	10.716	753	755	758	rBV2	1273250	1682746	34.46%	5.505%
14	10.830	763	765	768	rBV	45210	51710	1.06%	0.169%
15	11.413	814	816	819	rBV	1259850	1323145	27.10%	4.329%
16	13.002	952	955	958	rBV	3436906	4882953	100.00%	15.975%
17	14.054	1044	1047	1050	rBV	1539664	1387865	28.42%	4.540%
18	15.505	1170	1174	1178	rBV	881270	1268221	25.97%	4.149%
19	15.940	1209	1212	1218	rBV	46789	81922	1.68%	0.268%
20	16.431	1252	1255	1259	rVB	40753	72393	1.48%	0.237%
21	17.002	1301	1305	1310	rBV	27097	60017	1.23%	0.196%
22	17.688	1359	1365	1370	rBV	21208	62484	1.28%	0.204%

Sum of corrected areas: 30566716

LSC Report - Integrated Chromatogram

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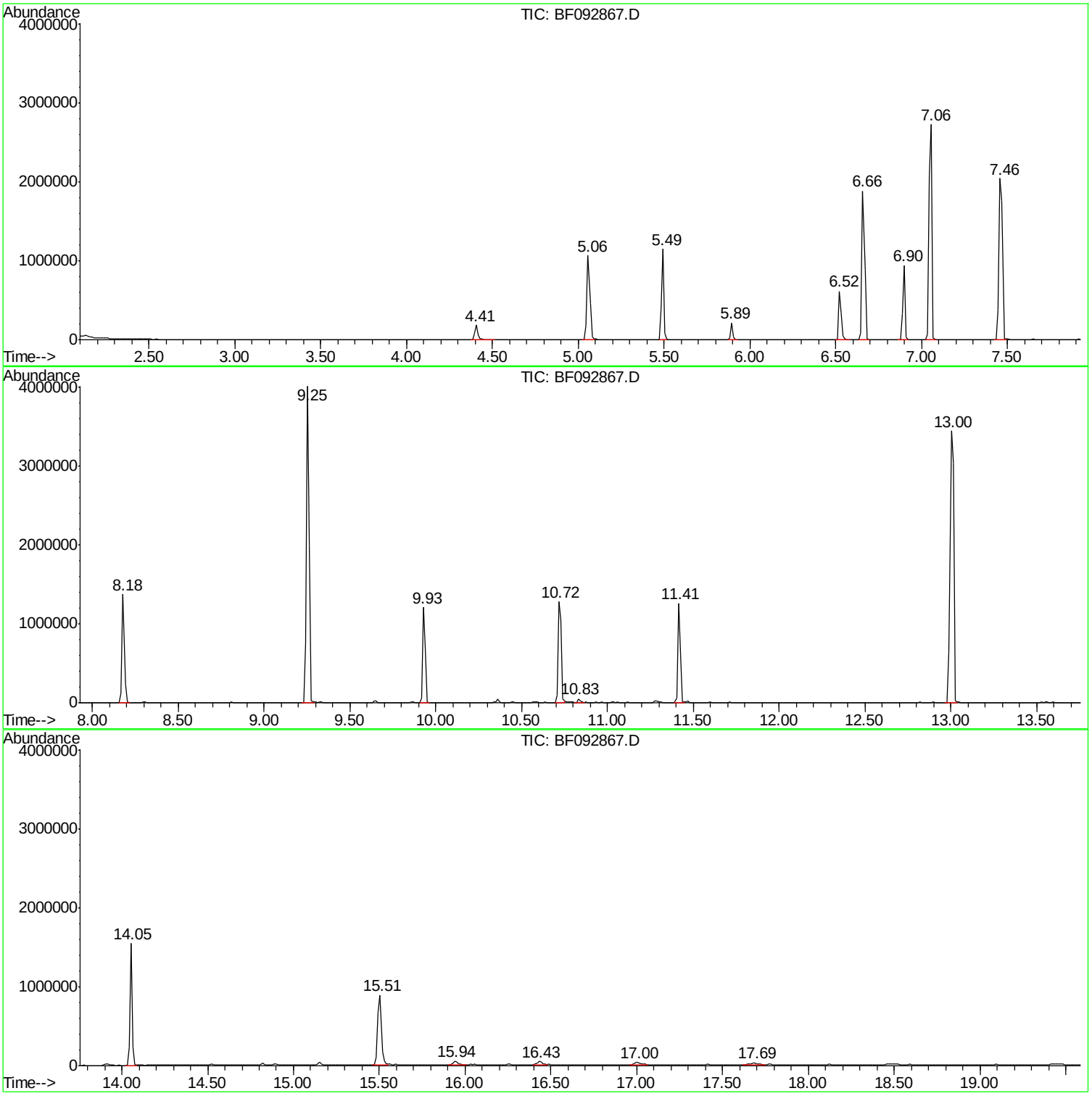
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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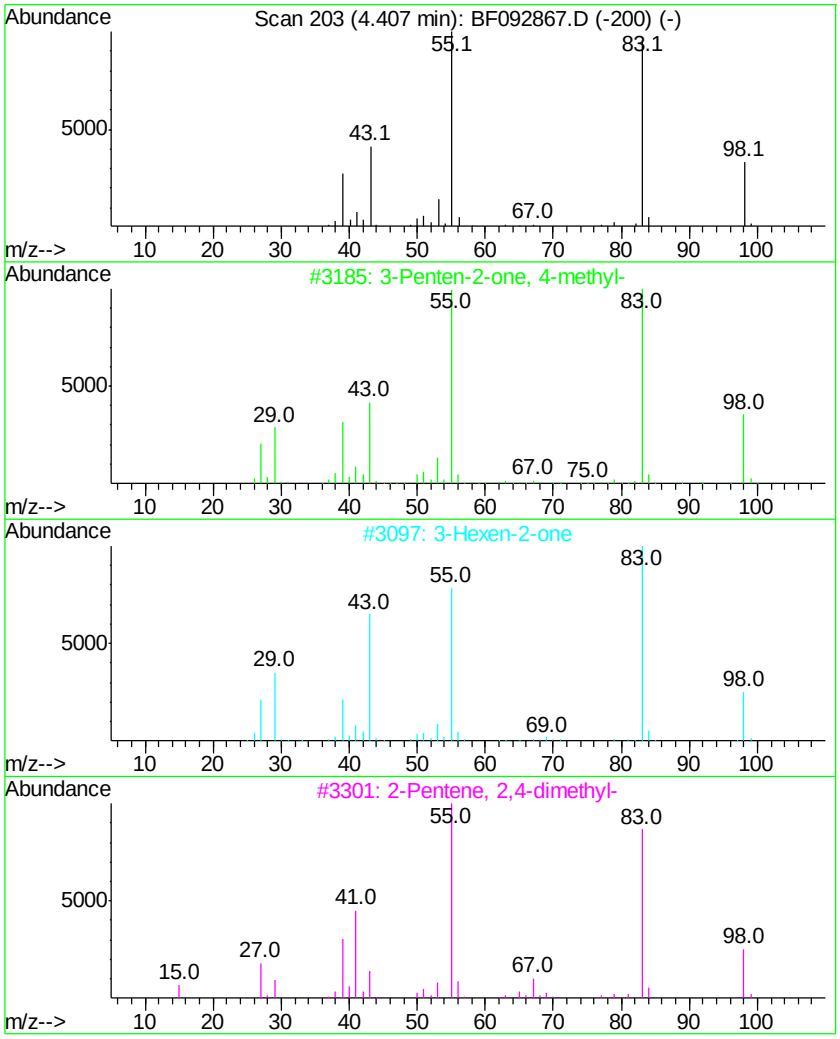
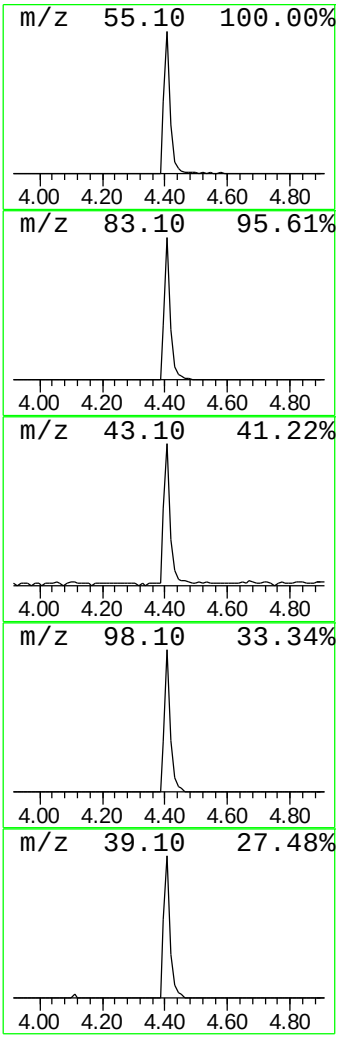
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	5.46 ng	244568	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	90
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
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	78





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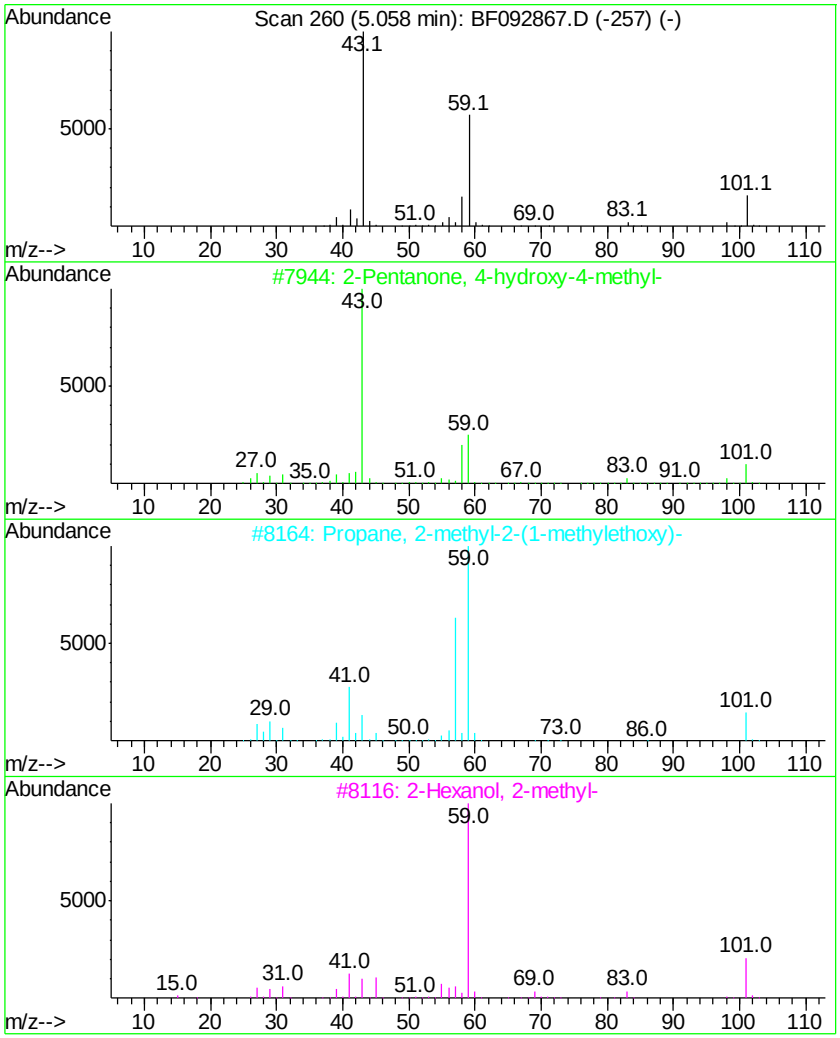
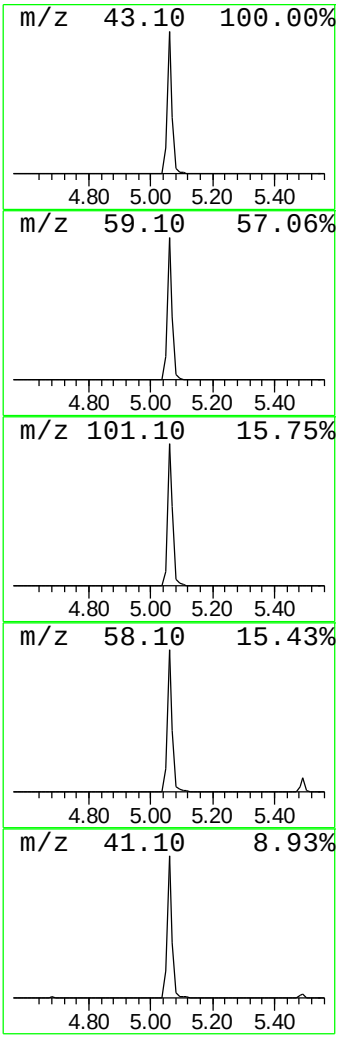
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	26.70 ng	1196160	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	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Instrument : BNA_F
ClientSampleId : 020317-PR-E-U-M

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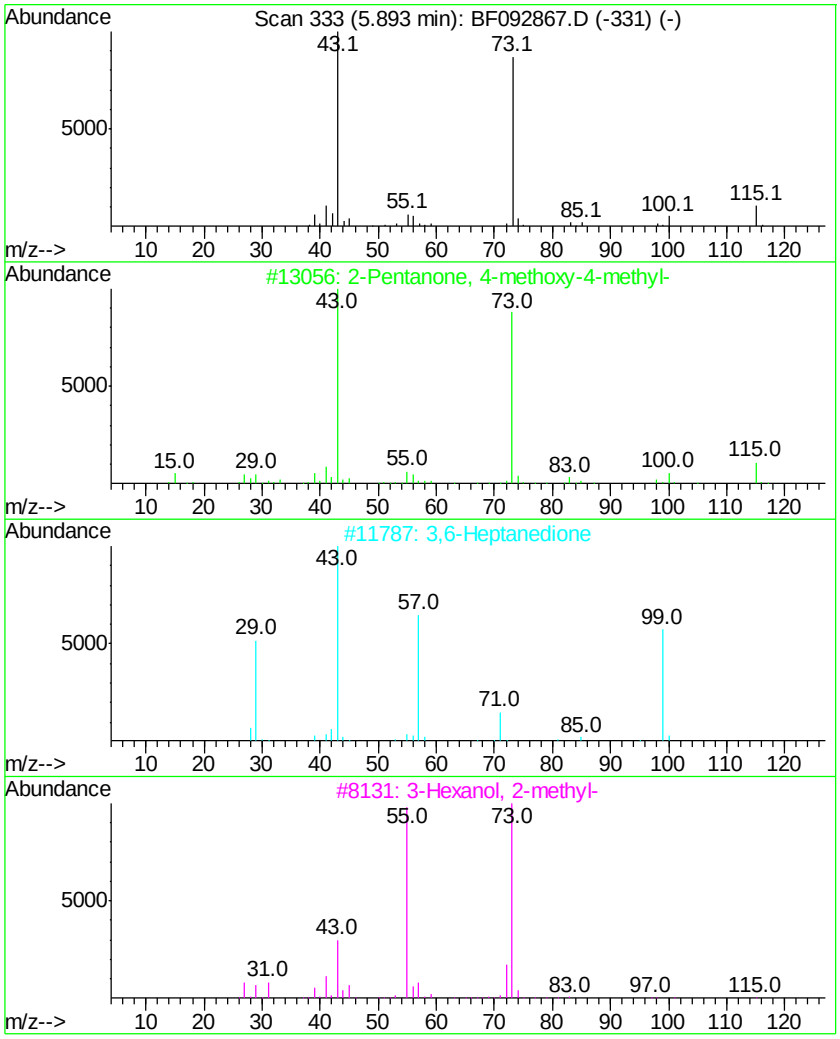
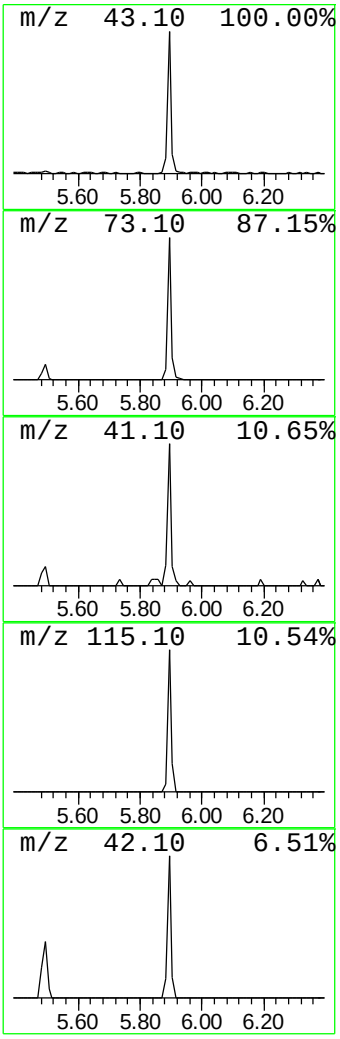
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.11 ng	184288	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	3,6-Heptanedione	128	C7H12O2	001703-51-1	17
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	10





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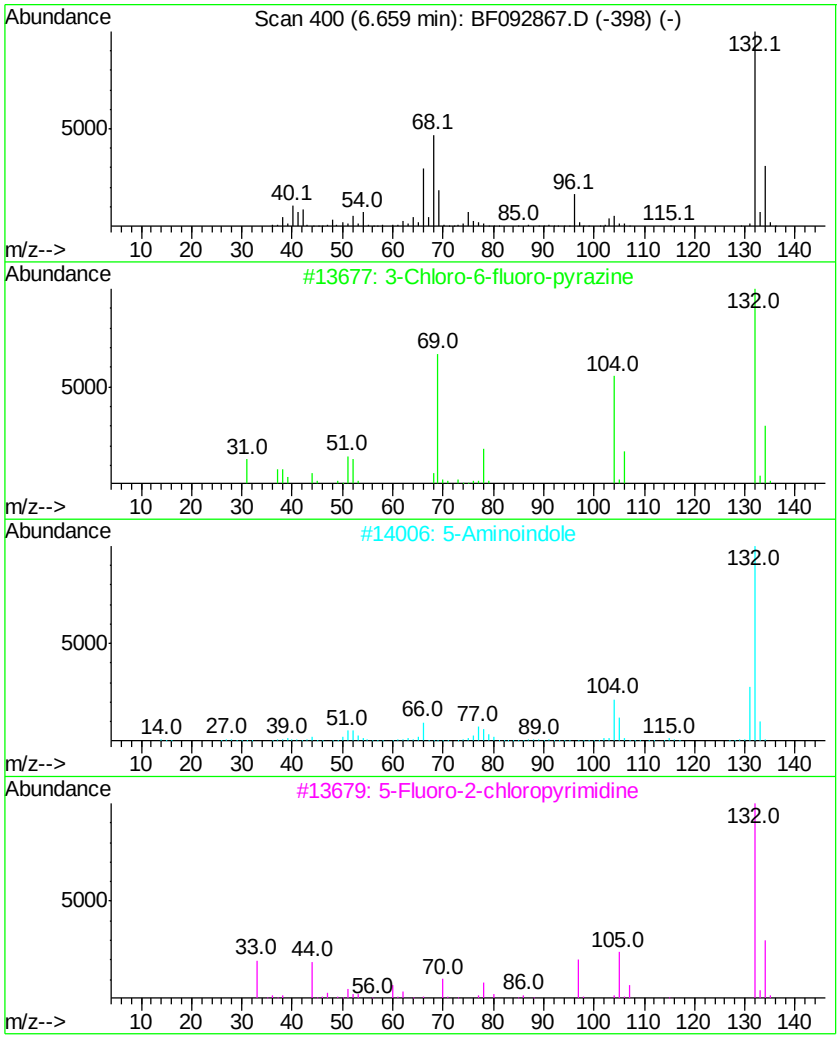
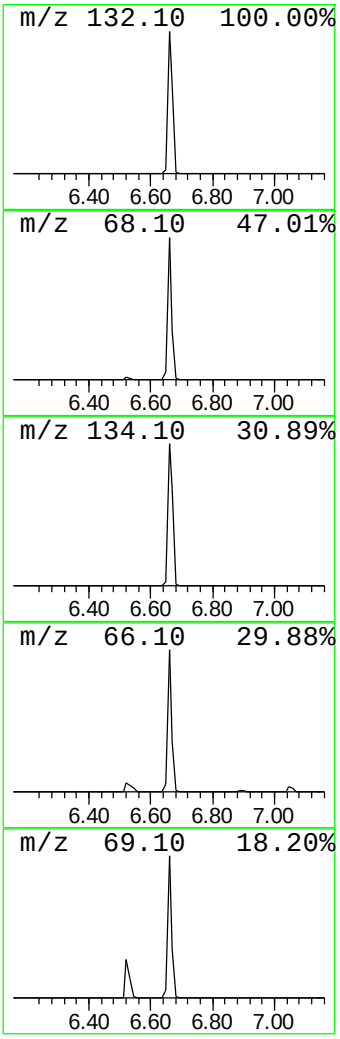
Peak Number 4 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	43.79 ng	1961940	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.41	5.5	ng	244568	1	6.90	895974	20.0
2-Pentanone, 4-hy...	5.06	26.7	ng	1196160	1	6.90	895974	20.0
2-Pentanone, 4-me...	5.89	4.1	ng	184288	1	6.90	895974	20.0
unknown6.66	6.66	43.8	ng	1961940	1	6.90	895974	20.0