LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086314.D
Acq On : 20 Apr 2016 17:47
Operator : UM/SJ
Sample : H2625-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5

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-BF042016.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	5.036	256	258	265	rBV	573818	710730	9.68%	1.453%
2	5.447	292	294	297	rBV	2089699	2658158	36.19%	5.434%
3	5.859	329	330	333	rBV	179622	207939	2.83%	0.425%
4	6.487	382	385	394	rBV	1116838	1921210	26.15%	3.927%
5	6.625	394	397	400	rBV	4575660	5015009	68.27%	10.251%
6	6.865	415	418	429	rVB	1127973	1596441	21.73%	3.263%
7	7.013	429	431	434	rBV	3652174	4676990	63.67%	9.560%
8	7.173	443	445	451	rVB2	30494	75208	1.02%	0.154%
9	7.425	464	467	484	rBV	3467120	4698148	63.96%	9.604%
10	8.145	527	530	539	rBV	1988425	2170199	29.54%	4.436%
11	8.259	539	540	550	rVB2	36114	75826	1.03%	0.155%
12	9.231	621	625	627	rBV	5377431	7345949	100.00%	15.016%
13	9.836	676	678	681	rBV	88884	83741	1.14%	0.171%
14	9.893	681	683	686	rBV	1452484	2139564	29.13%	4.374%
15	10.339	718	722	723	rBV2	138121	171401	2.33%	0.350%
16	10.556	738	741	744	rBV	56629	93625	1.27%	0.191%
17	10.682	750	752	761	rBV2	2568676	4286529	58.35%	8.762%
18	10.808	761	763	770	rVB	176611	267931	3.65%	0.548%
19	11.379	811	813	827	rVB	1790125	2109494	28.72%	4.312%
20	11.711	838	842	852	rVB4	37488	146209	1.99%	0.299%
21	12.968	949	952	955	rBV	4592897	5648679	76.90%	11.547%
22	14.008	1041	1043	1050	rVB	1131397	1491149	20.30%	3.048%
23	15.437	1165	1168	1177	rBV	920785	1329842	18.10%	2.718%

Sum of corrected areas: 48919971

LSC Report - Integrated Chromatogram

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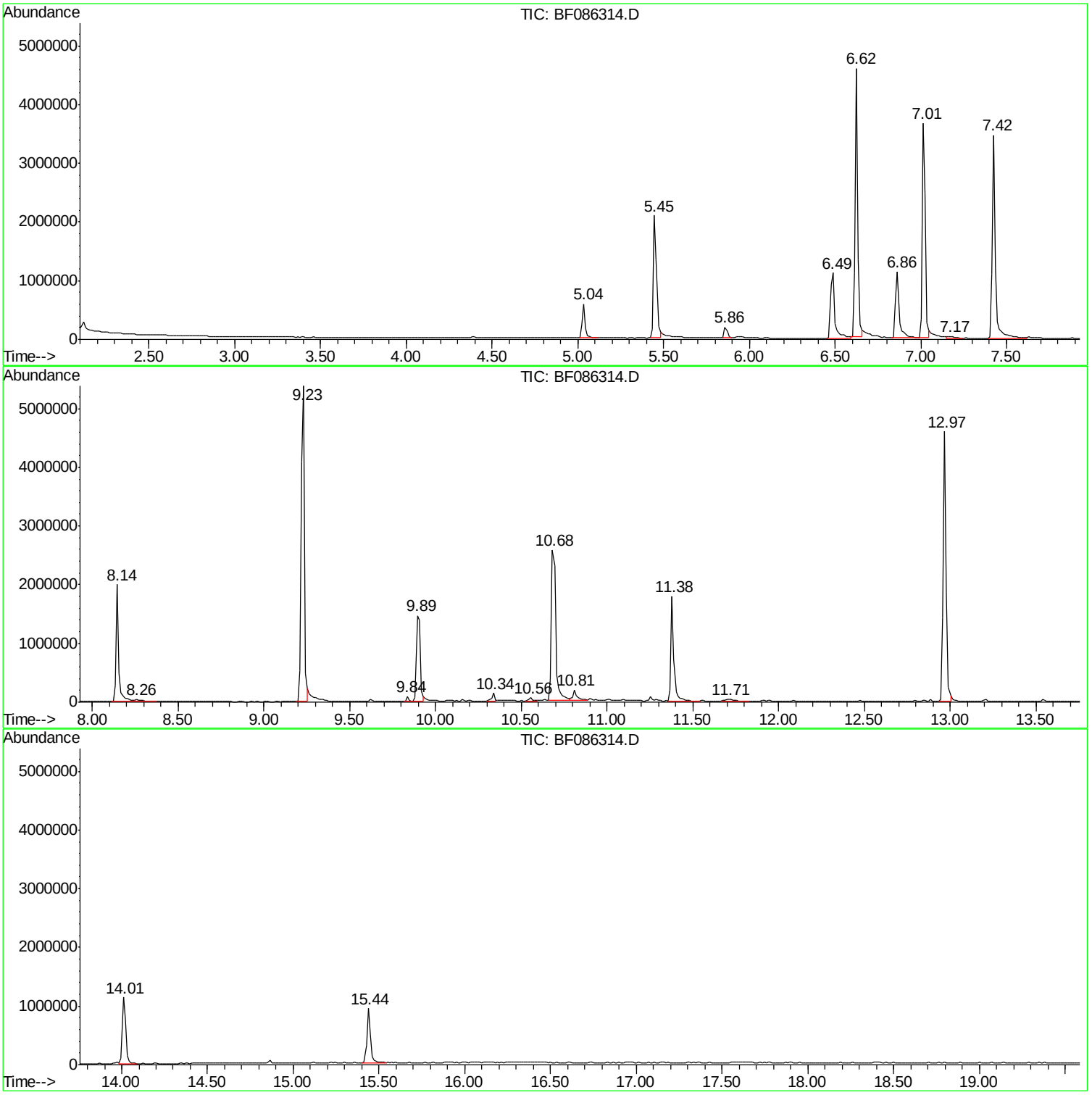
Instrument : BNA_F
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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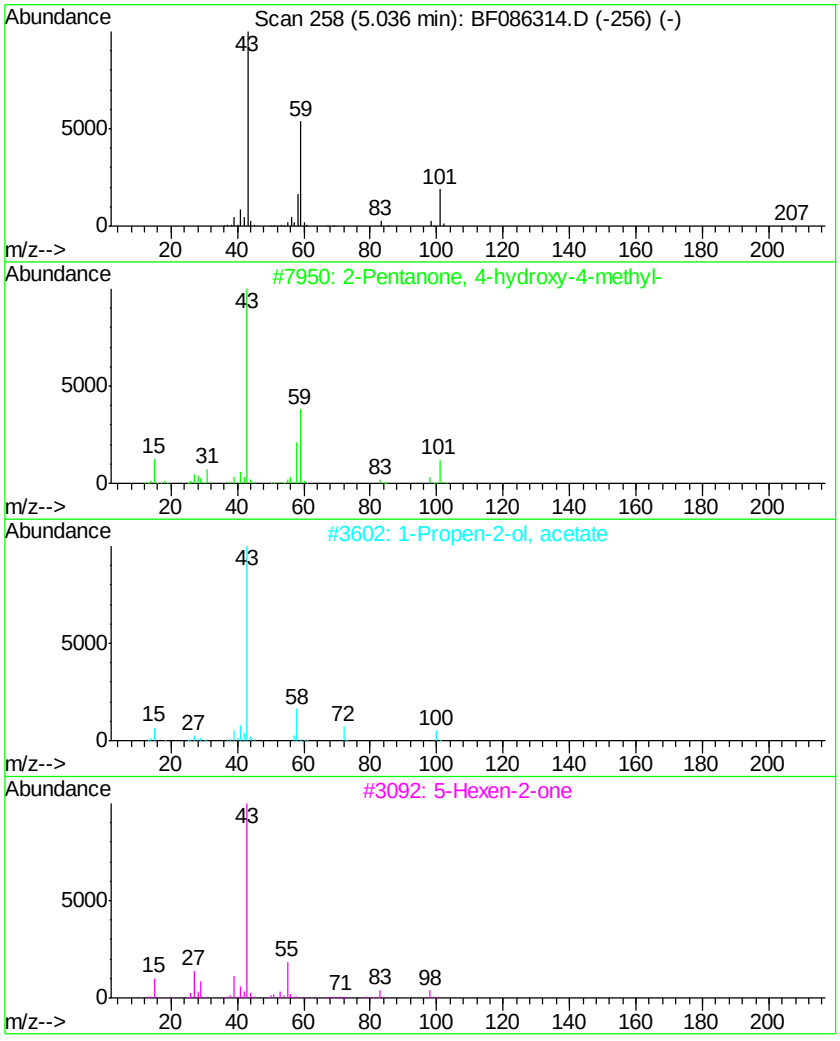
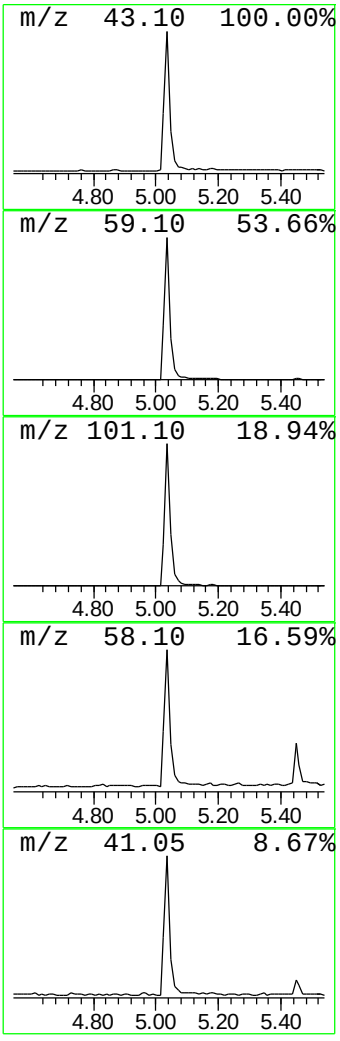
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	8.90 ng	710730	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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TIC Integration Parameters: LSCINT.P

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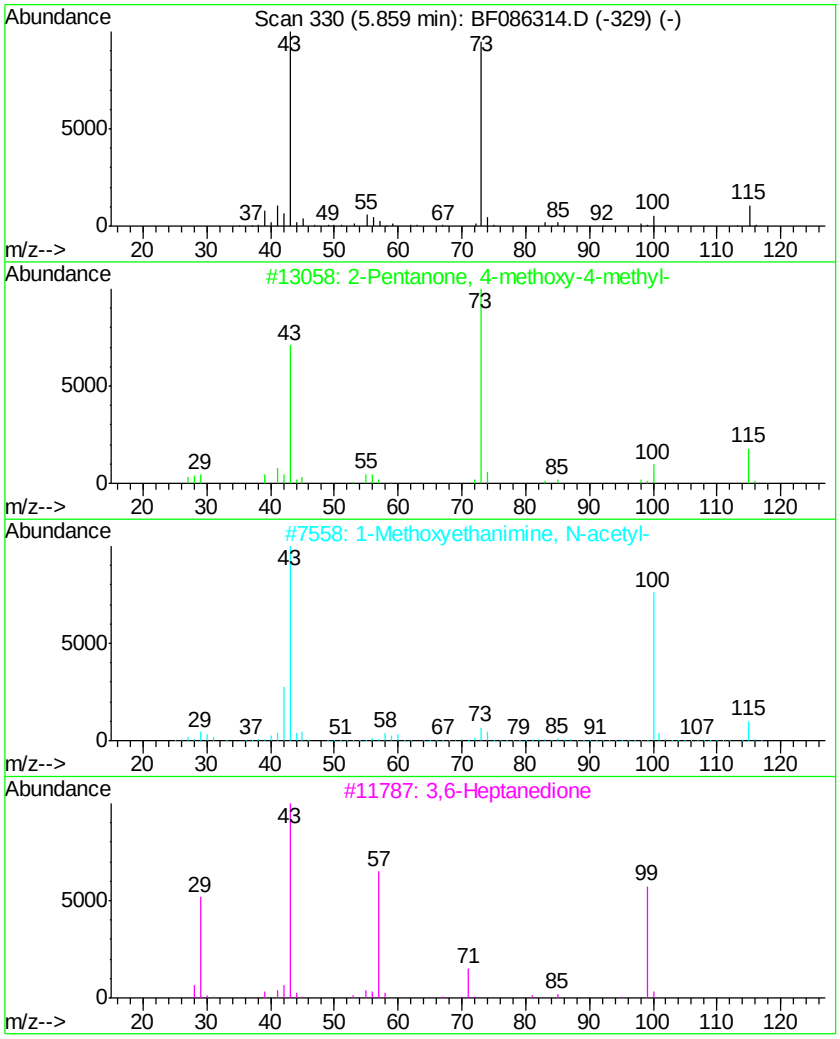
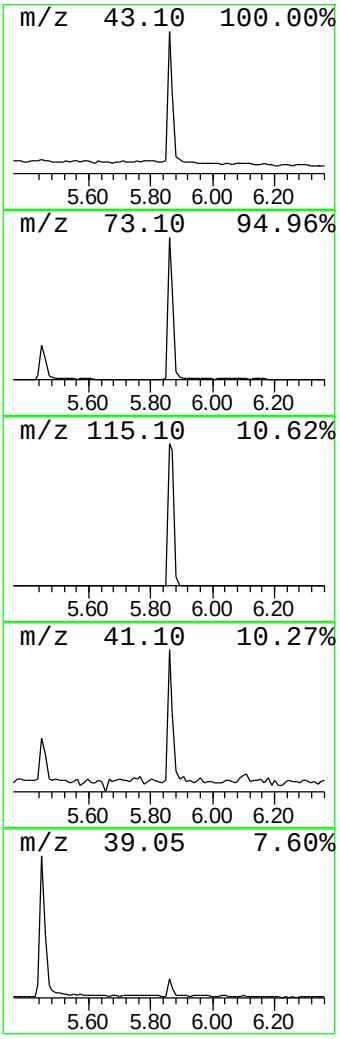
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	2.61 ng	207939	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	28
3	3,6-Heptanedione	128	C7H12O2	001703-51-1	17
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086314.D
Acq On : 20 Apr 2016 17:47
Operator : UM/SJ
Sample : H2625-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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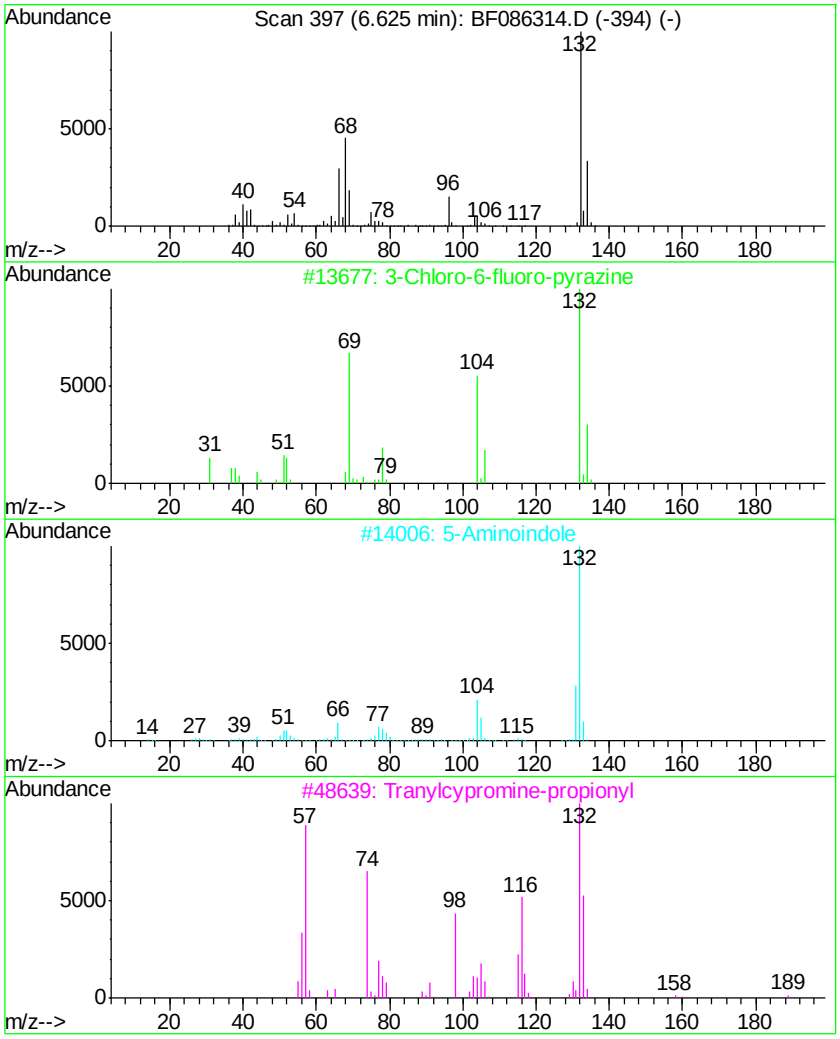
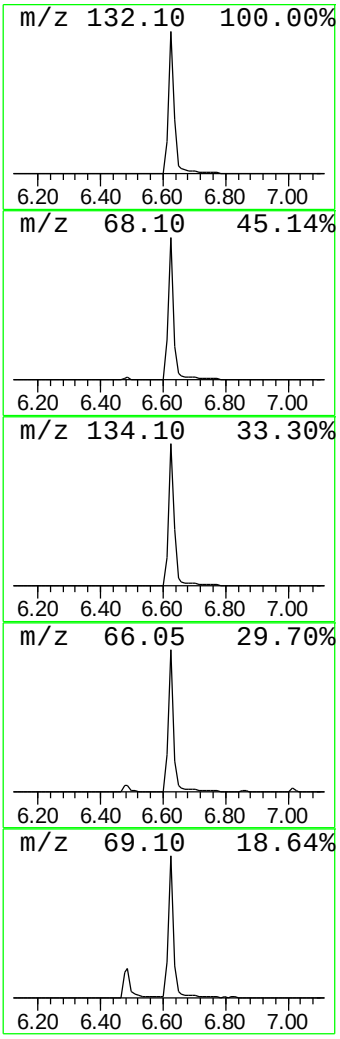
Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	62.83 ng	5015010	1,4-Dichlorobenzene-d4	6.86

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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TIC Library : C:\DATABASE\NIST02.L
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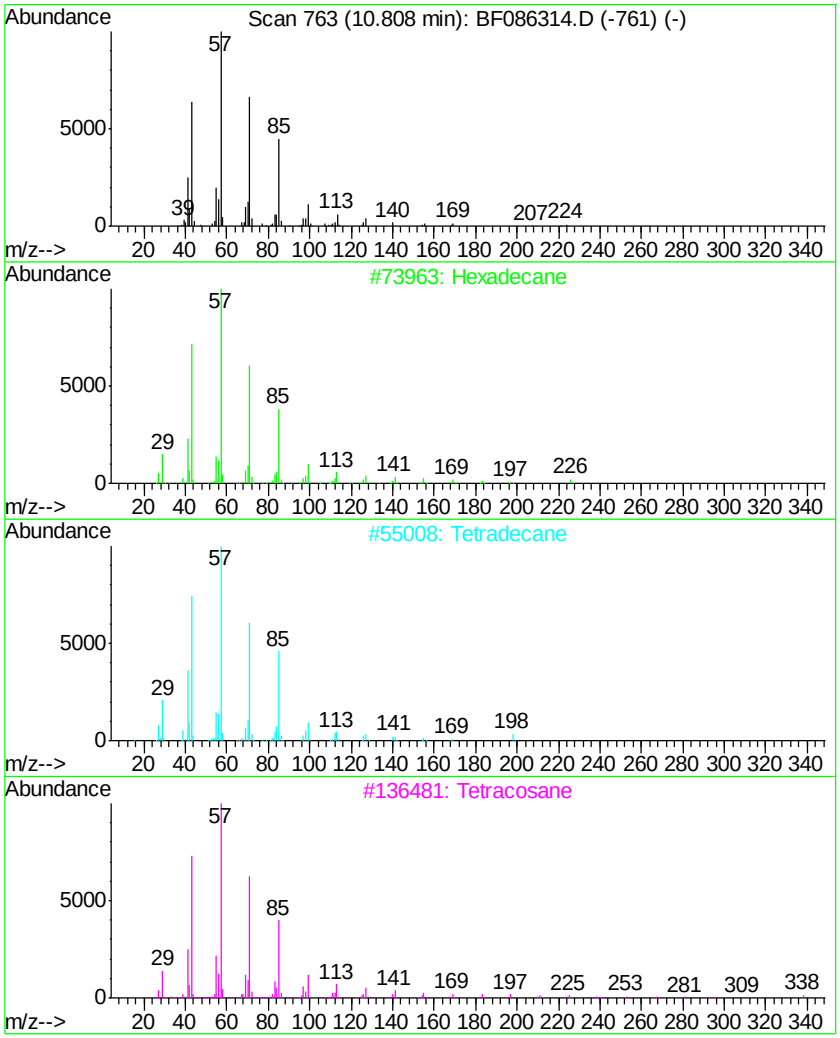
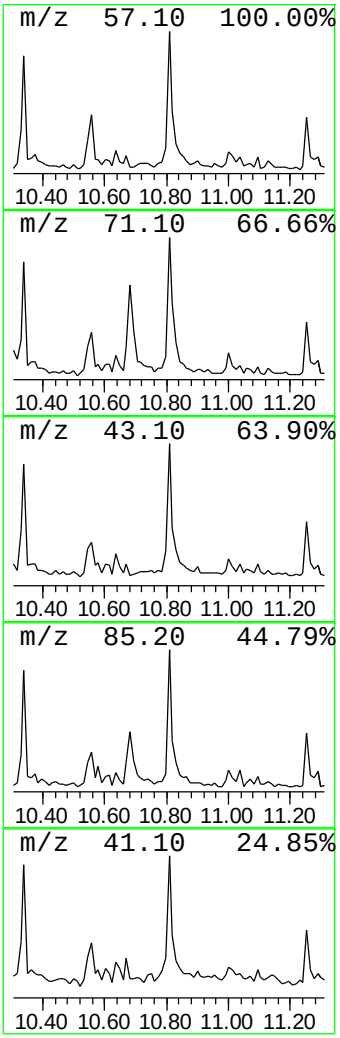
Peak Number 5 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.54 ng	267931	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Eicosane	282	C20H42	000112-95-8	83
5	Heptadecane	240	C17H36	000629-78-7	83





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	5.04	8.9	ng	710730	1	6.86	1596440	20.0
2-Pentanone, 4-me...	5.86	2.6	ng	207939	1	6.86	1596440	20.0
unknown6.62	6.62	62.8	ng	5015010	1	6.86	1596440	20.0
Hexadecane	10.81	2.5	ng	267931	4	11.38	2109490	20.0