LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082925.D
Acq On : 14 Nov 2015 5:43
Operator : UM/IZ
Sample : G4383-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS-MW-08

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-BF110715.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	4.979	251	253	255	rVB	945364	1078725	18.81%	2.605%
2	5.424	290	292	294	rBV	3130381	2792076	48.69%	6.744%
3	6.464	380	383	385	rVB	2322750	2235251	38.98%	5.399%
4	6.579	390	393	396	rBV	4459102	4186568	73.00%	10.112%
5	6.807	410	413	415	rBV	1121114	1198875	20.91%	2.896%
6	6.967	424	427	429	rBV	3361597	4182894	72.94%	10.103%
7	7.367	459	462	465	rBV	2686868	3582401	62.47%	8.653%
8	8.087	523	525	528	rBV	1312019	1441245	25.13%	3.481%
9	9.173	617	620	623	rBV	6026089	5734677	100.00%	13.851%
10	9.562	653	654	660	rVB3	67388	100793	1.76%	0.243%
11	9.790	672	674	676	rBV	90261	70083	1.22%	0.169%
12	9.848	676	679	681	rBV	1969580	1669258	29.11%	4.032%
13	10.293	714	718	719	rBV2	107788	149154	2.60%	0.360%
14	10.511	734	737	740	rBV	37364	57511	1.00%	0.139%
15	10.636	745	748	751	rBV2	3070949	3610734	62.96%	8.721%
16	10.762	757	759	764	rVB	122215	134041	2.34%	0.324%
17	11.333	806	809	811	rVB	1382717	1502685	26.20%	3.629%
18	12.374	898	900	902	rVB	75964	68903	1.20%	0.166%
19	12.751	931	933	935	rVB	226037	193120	3.37%	0.466%
20	12.922	945	948	950	rBV	5379367	5112889	89.16%	12.349%
21	13.459	992	995	996	rBV	108751	113396	1.98%	0.274%
22	13.825	1025	1027	1030	rVB	65147	73280	1.28%	0.177%
23	13.962	1037	1039	1042	rBV	1154451	1088550	18.98%	2.629%
24	15.380	1160	1163	1166	rBV	775696	1025769	17.89%	2.478%

Sum of corrected areas: 41402878

LSC Report - Integrated Chromatogram

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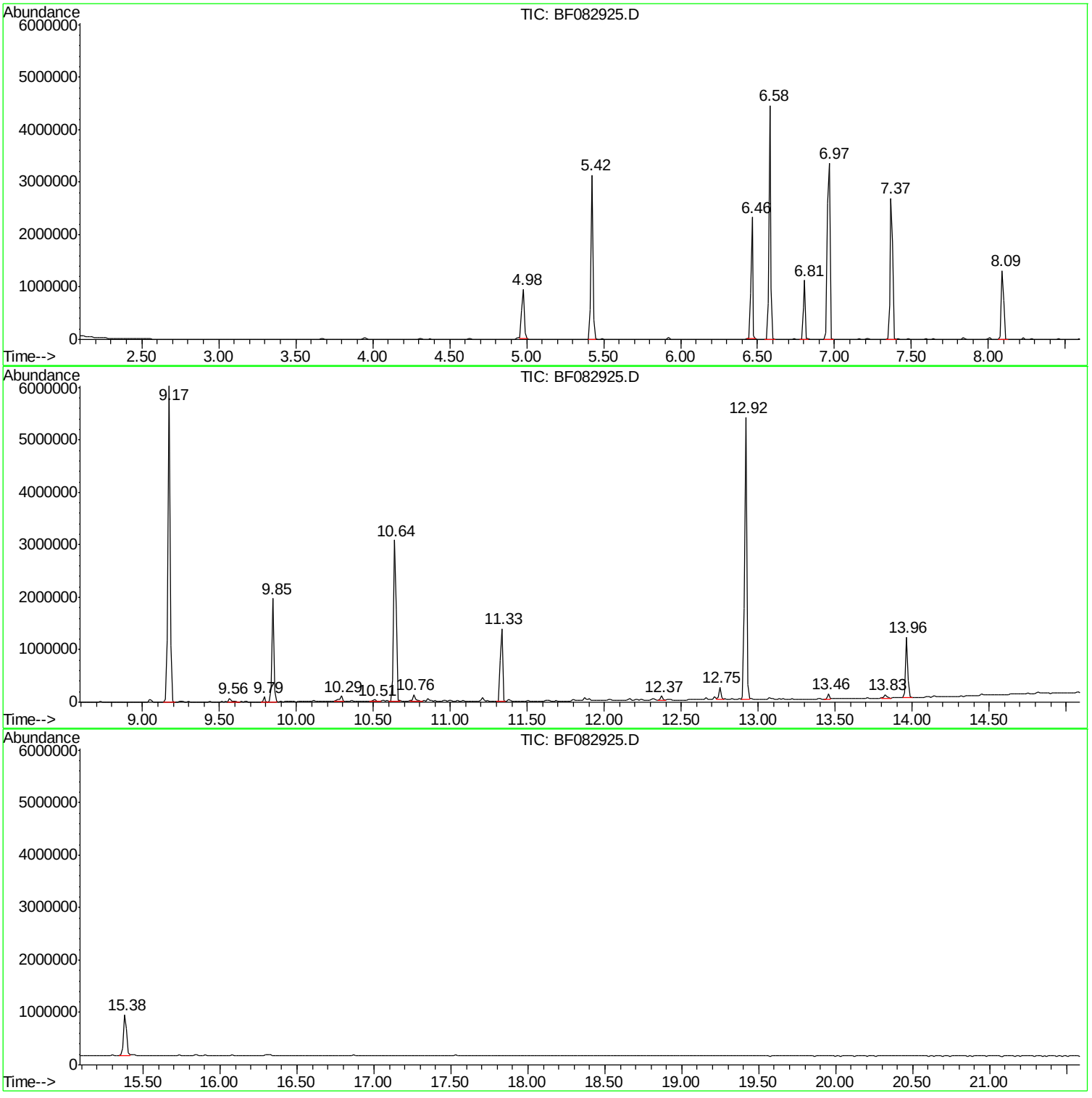
Instrument : BNA_F
ClientSampleId : URS-MW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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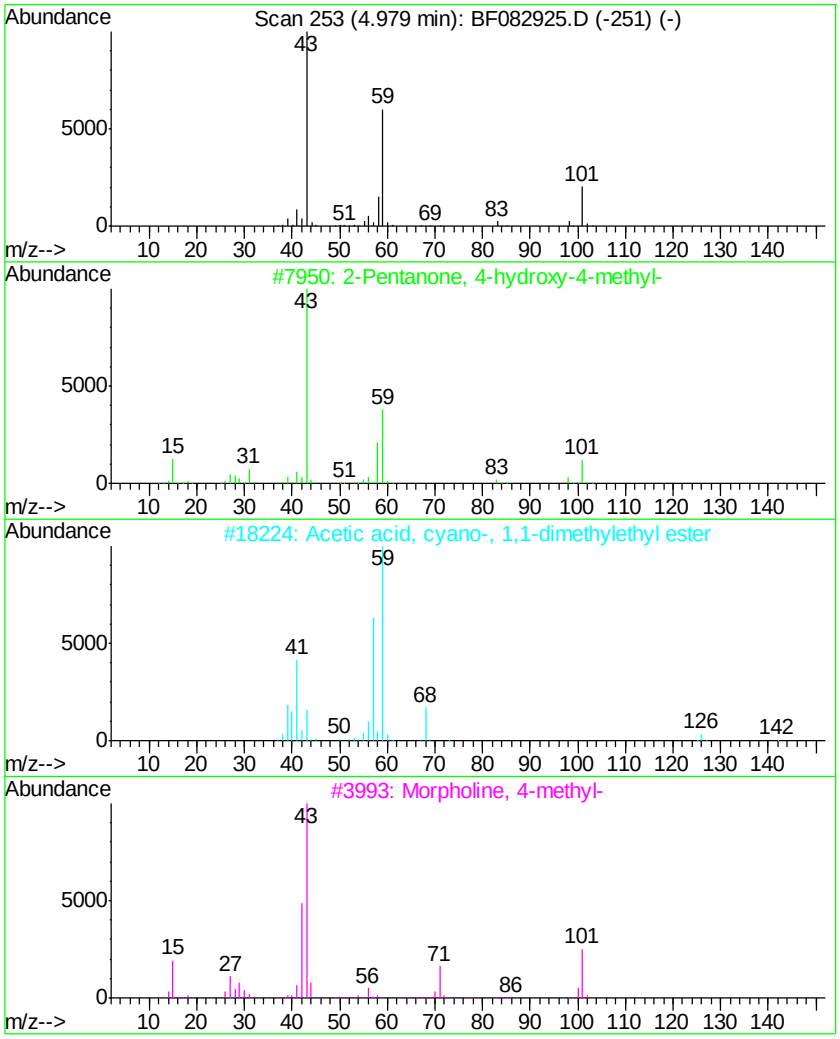
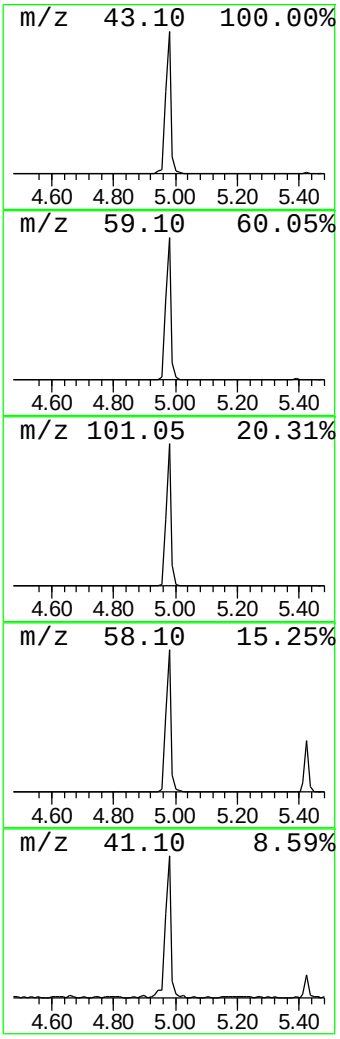
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	18.00 ng	1078730	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
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Sample : G4383-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS-MW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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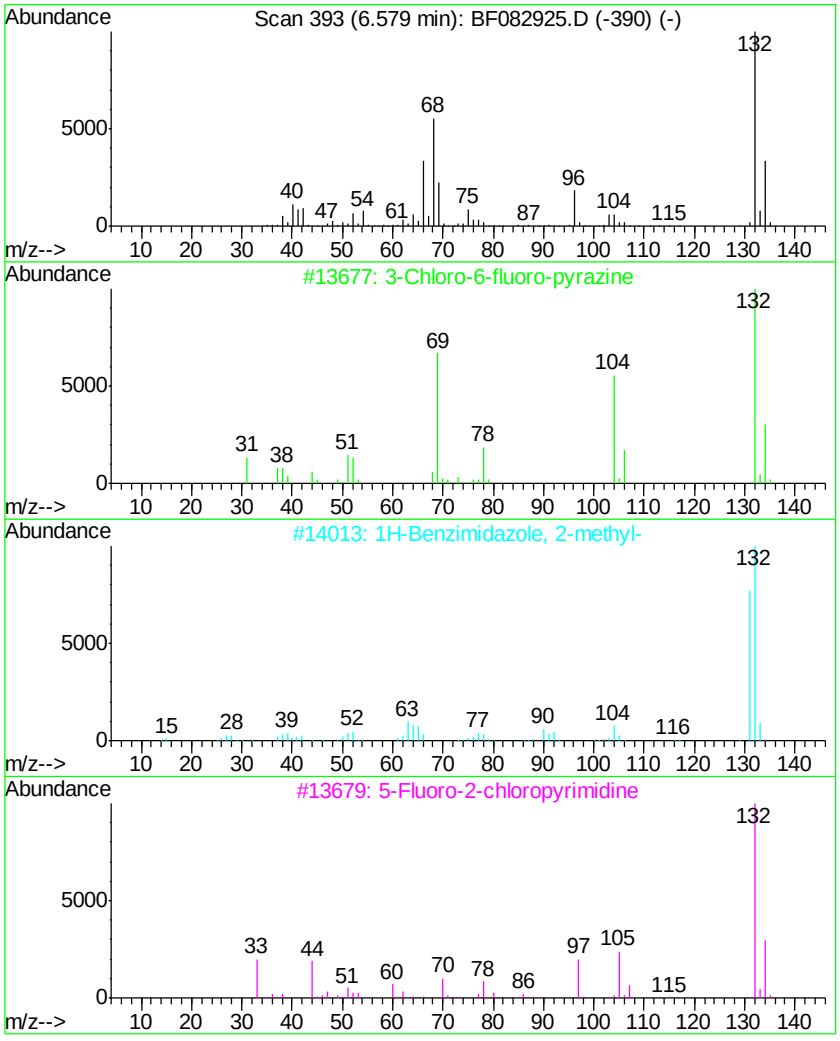
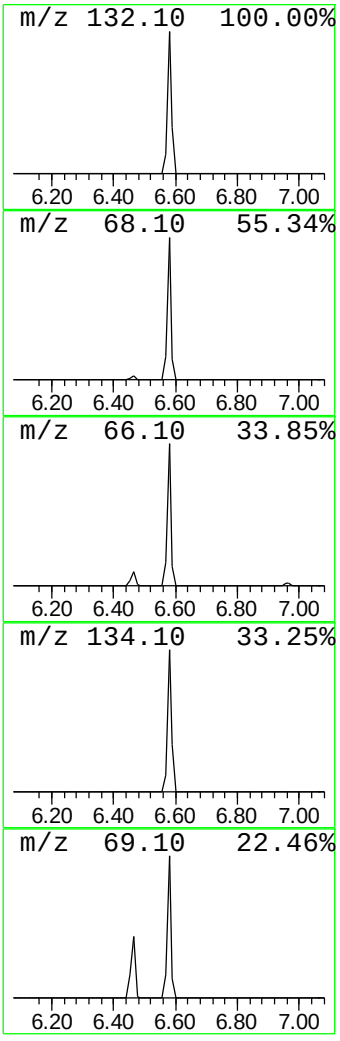
Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	69.84 ng	4186570	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

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Data File : BF082925.D
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Sample : G4383-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS-MW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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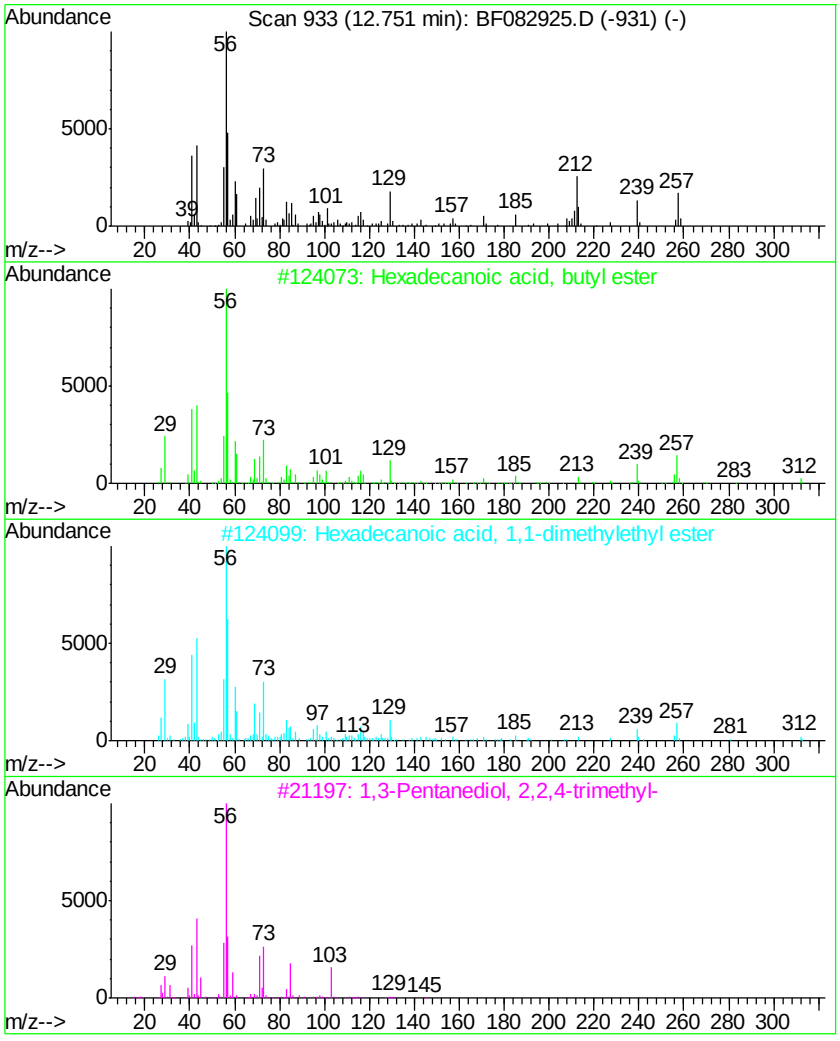
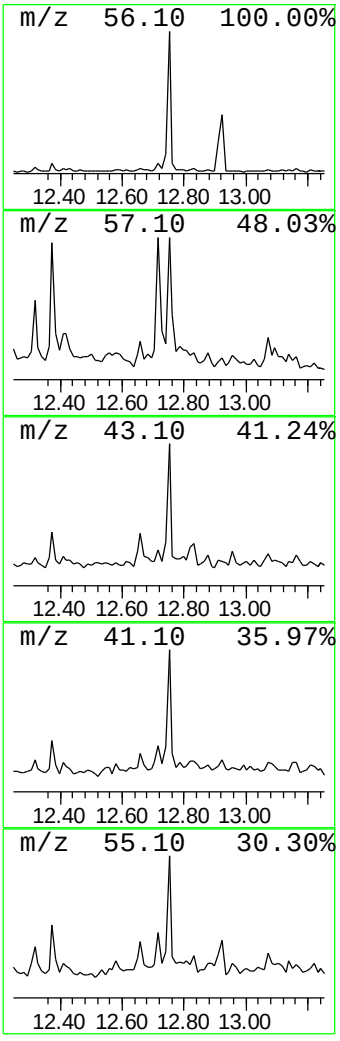
Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	3.55 ng	193120	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	76
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
3	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	43
4	Methyl 3-(methylamino)-2-(2-thie...	239	C11H13NO3S	082140-49-6	38
5	Oxan-4-one, 2-trifluoromethyl-2-...	212	C8H11F3O3	212615-80-0	37





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Instrument : BNA_F
ClientSampleId : URS-MW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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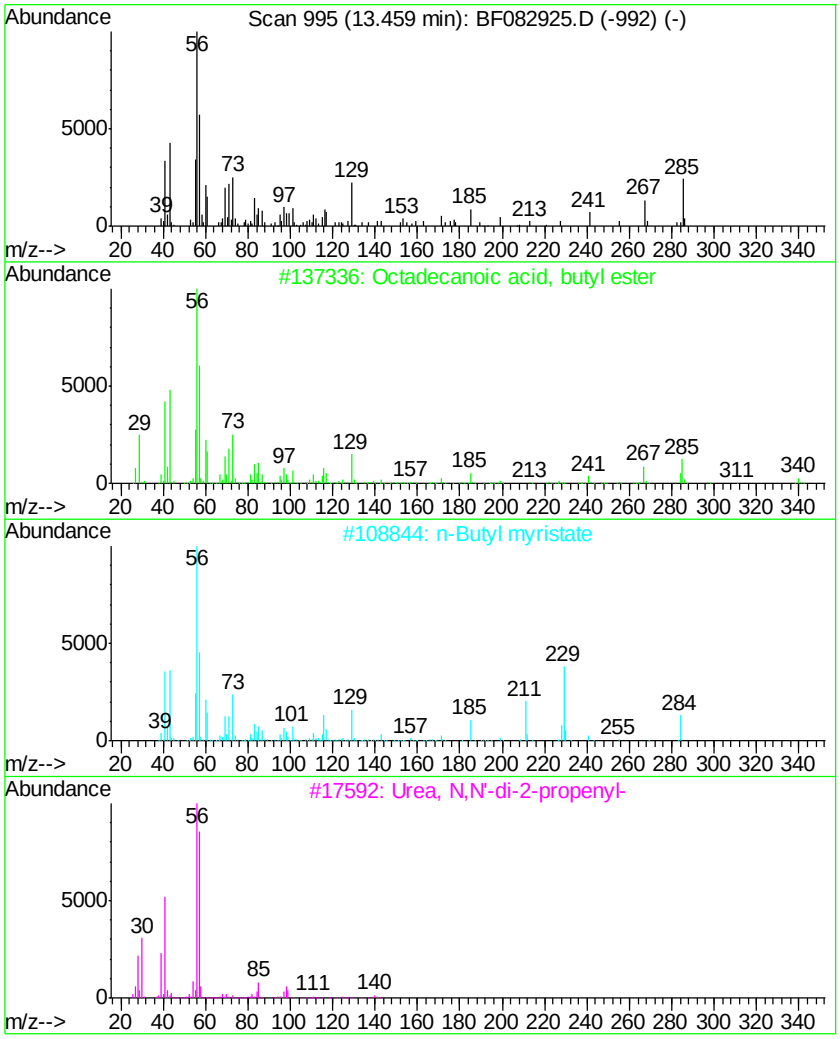
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

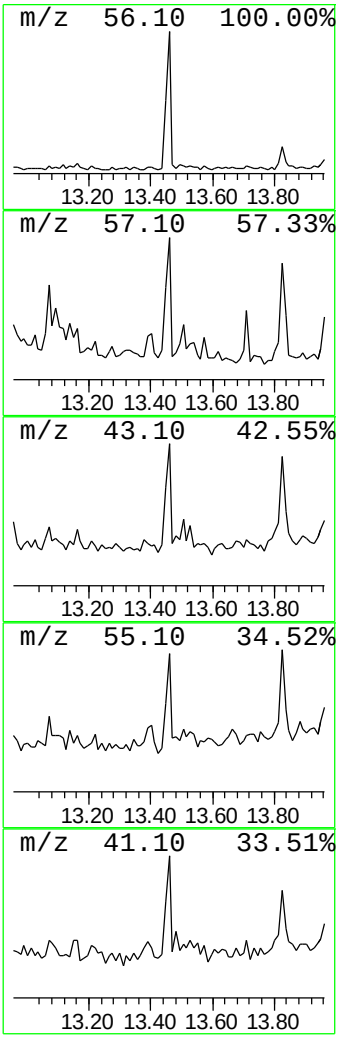
****

Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.08 ng	113396	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	n-Butyl myristate	284	C18H36O2	000110-36-1	64
3	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5	2-Methyl-1-octadecene	266	C19H38	061868-20-0	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
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Misc :
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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...	4.98	18.0	ng	1078730	1	6.81	1198880	20.0
unknown6.58	6.58	69.8	ng	4186570	1	6.81	1198880	20.0
Hexadecanoic acid...	12.75	3.5	ng	193120	5	13.96	1088550	20.0
Octadecanoic acid...	13.46	2.1	ng	113396	5	13.96	1088550	20.0