LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084519.D
Acq On : 16 Jan 2016 4:52
Operator : SJ/UM
Sample : H1144-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-1

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-BF123115.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	4.327	194	196	200	rBV	223288	276896	3.35%	0.500%
2	4.990	251	254	257	rBV	1574660	1782875	21.54%	3.222%
3	5.424	289	292	295	rBV	3916800	3496035	42.24%	6.319%
4	5.824	325	327	329	rBV	390058	326012	3.94%	0.589%
5	6.464	380	383	385	rBV	1914967	2248357	27.16%	4.064%
6	6.590	391	394	396	rBV	6291247	5655377	68.32%	10.221%
7	6.819	412	414	417	rBV	1792432	1468990	17.75%	2.655%
8	6.979	425	428	430	rBV	6453260	5676057	68.57%	10.259%
9	7.390	461	464	466	rBV	5014694	4980229	60.17%	9.001%
10	8.110	524	527	529	rBV	1969157	1951517	23.58%	3.527%
11	9.185	618	621	624	rBV	6123814	8277189	100.00%	14.960%
12	9.585	654	656	657	rBV	191593	165183	2.00%	0.299%
13	9.859	678	680	683	rVB	1956718	2024624	24.46%	3.659%
14	10.305	717	719	720	rVB	80166	86391	1.04%	0.156%
15	10.659	747	750	752	rBV2	3345620	4834001	58.40%	8.737%
16	10.773	758	760	764	rVB	99808	111171	1.34%	0.201%
17	11.345	808	810	813	rBV	2260285	1924568	23.25%	3.478%
18	12.934	946	949	952	rBV	5528849	6578792	79.48%	11.890%
19	13.859	1027	1030	1038	rBV	121337	348546	4.21%	0.630%
20	13.985	1038	1041	1043	rBV	1602424	1629474	19.69%	2.945%
21	15.402	1162	1165	1168	rBV	1251238	1486075	17.95%	2.686%

Sum of corrected areas: 55328359

LSC Report - Integrated Chromatogram

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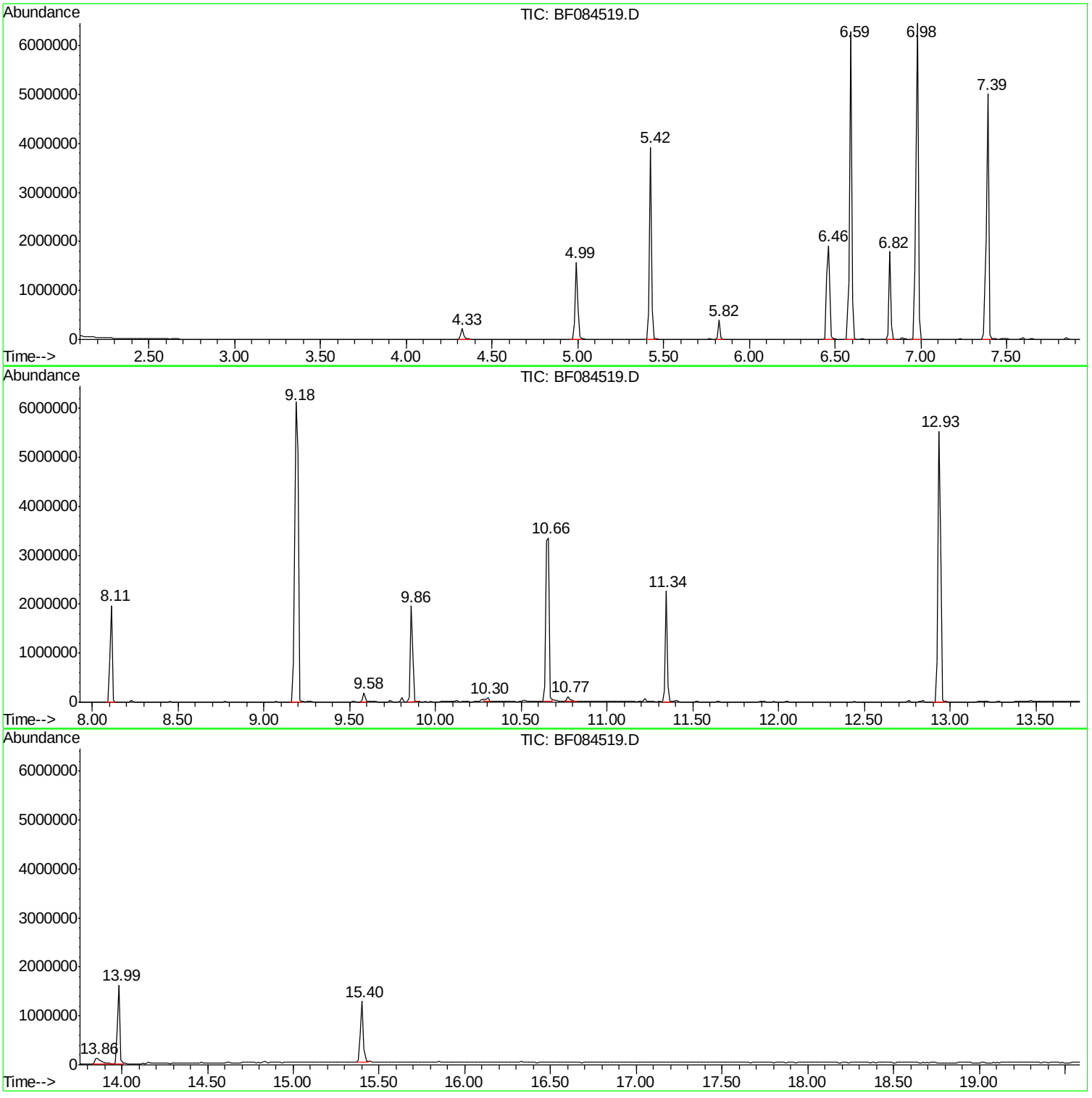
Instrument :
BNA_F
ClientSampleId :
TWP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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Acq On : 16 Jan 2016 4:52
Operator : SJ/UM
Sample : H1144-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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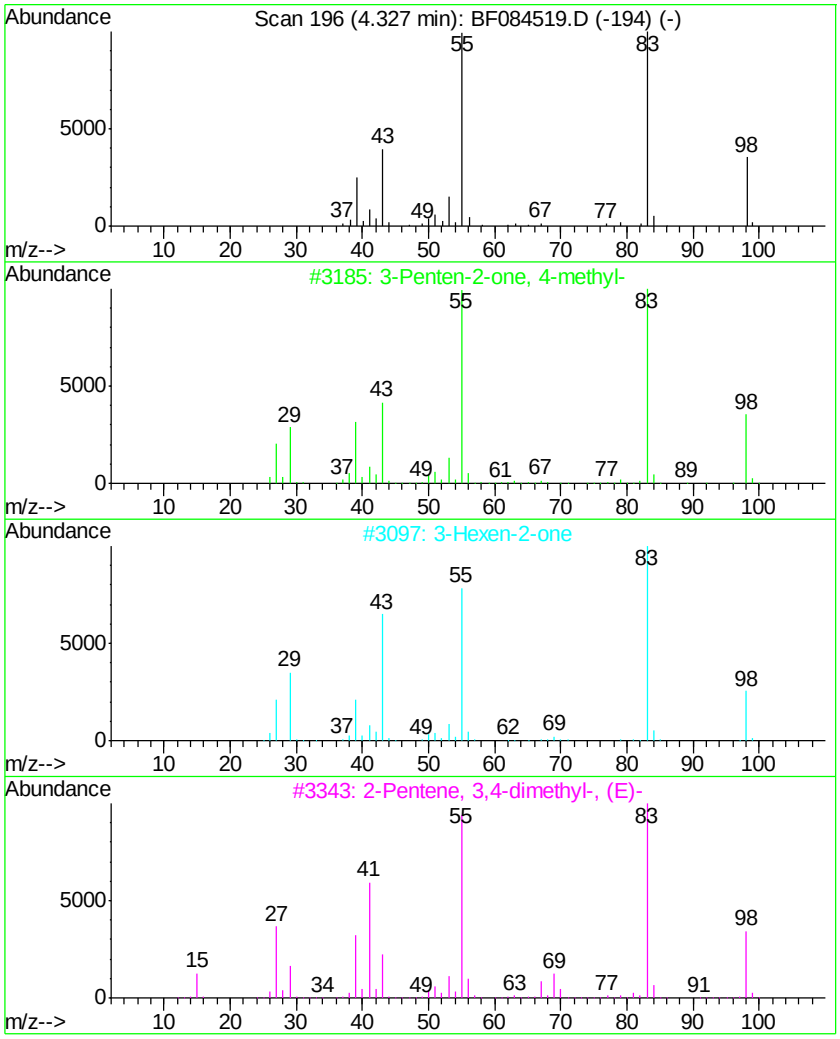
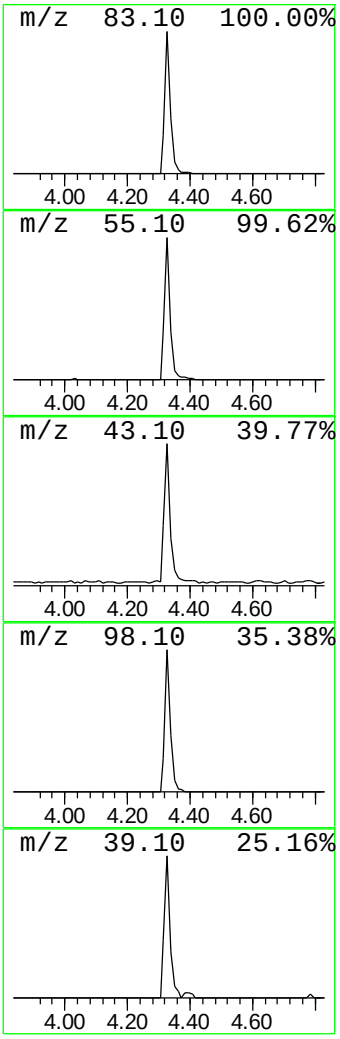
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	3.77 ng	276896	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	91
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, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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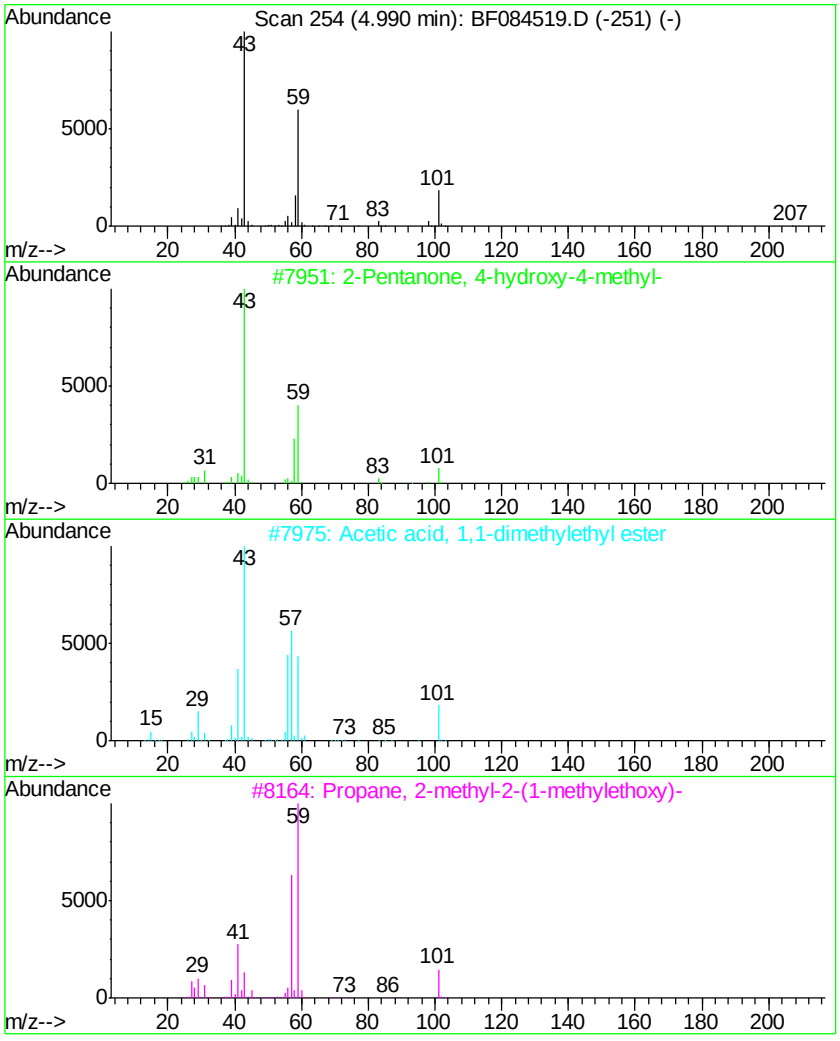
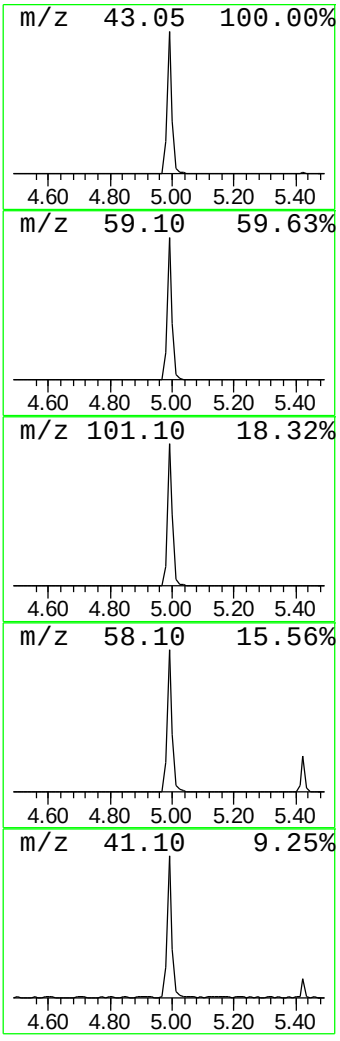
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	24.27 ng	1782880	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Library Search Compound Report

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Acq On : 16 Jan 2016 4:52
Operator : SJ/UM
Sample : H1144-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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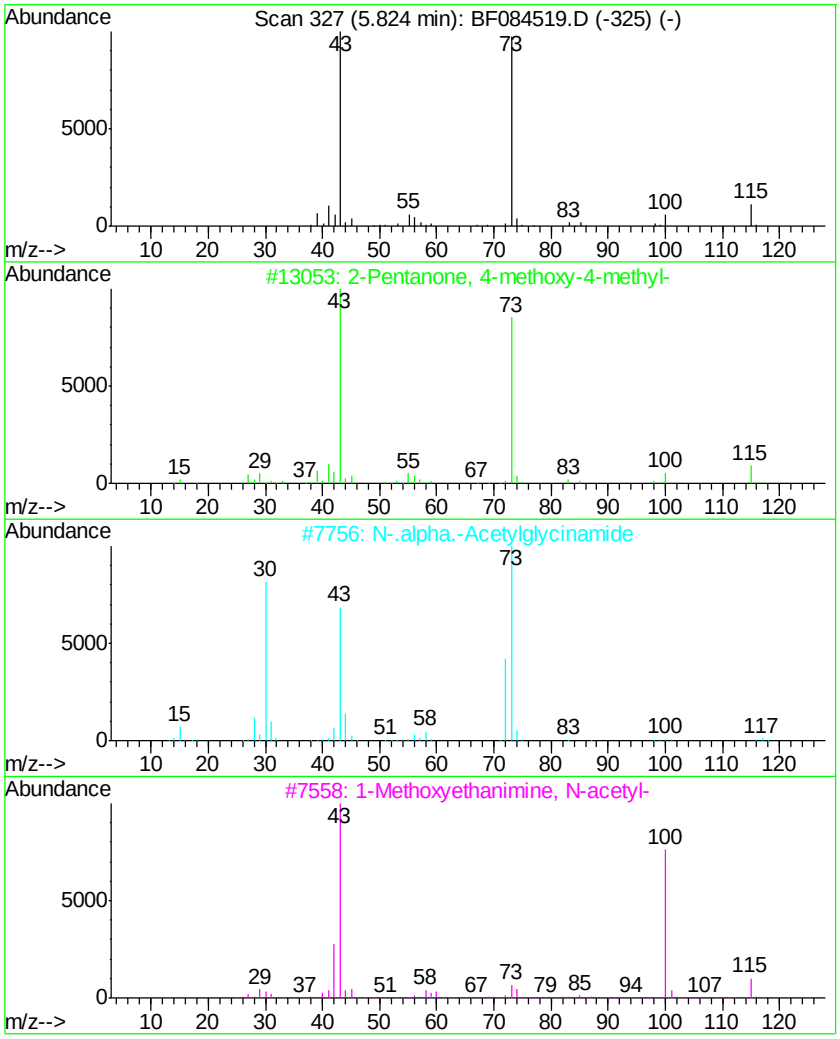
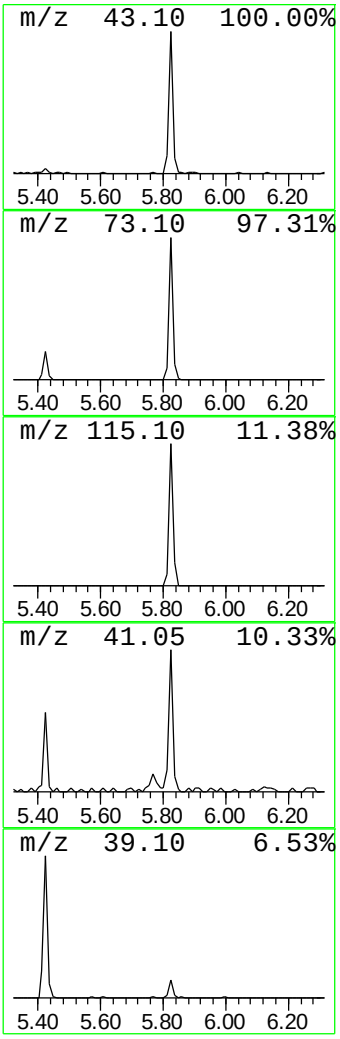
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	4.44 ng	326012	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	28
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	28
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9
5	Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	9





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Instrument : BNA_F
ClientSampleId : TWP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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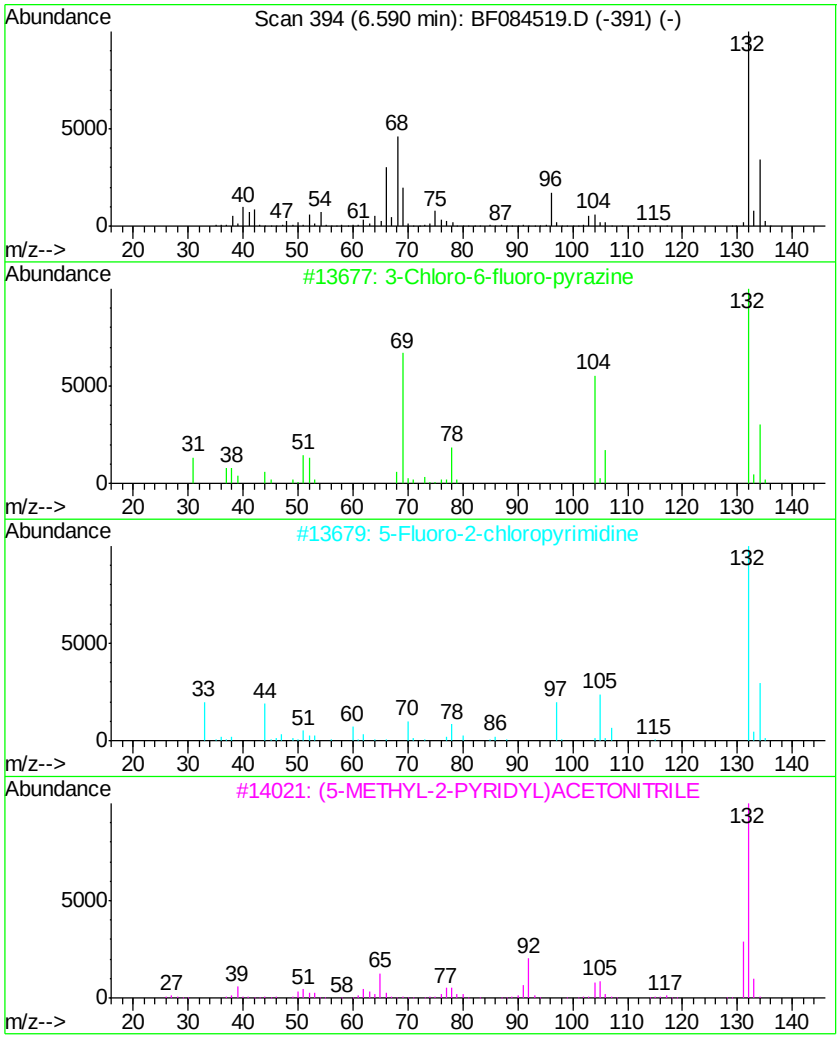
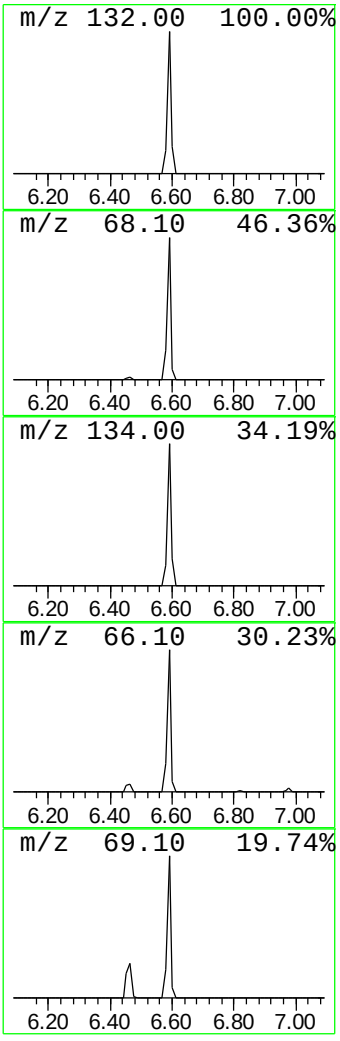
Peak Number 4 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	77.00 ng	5655380	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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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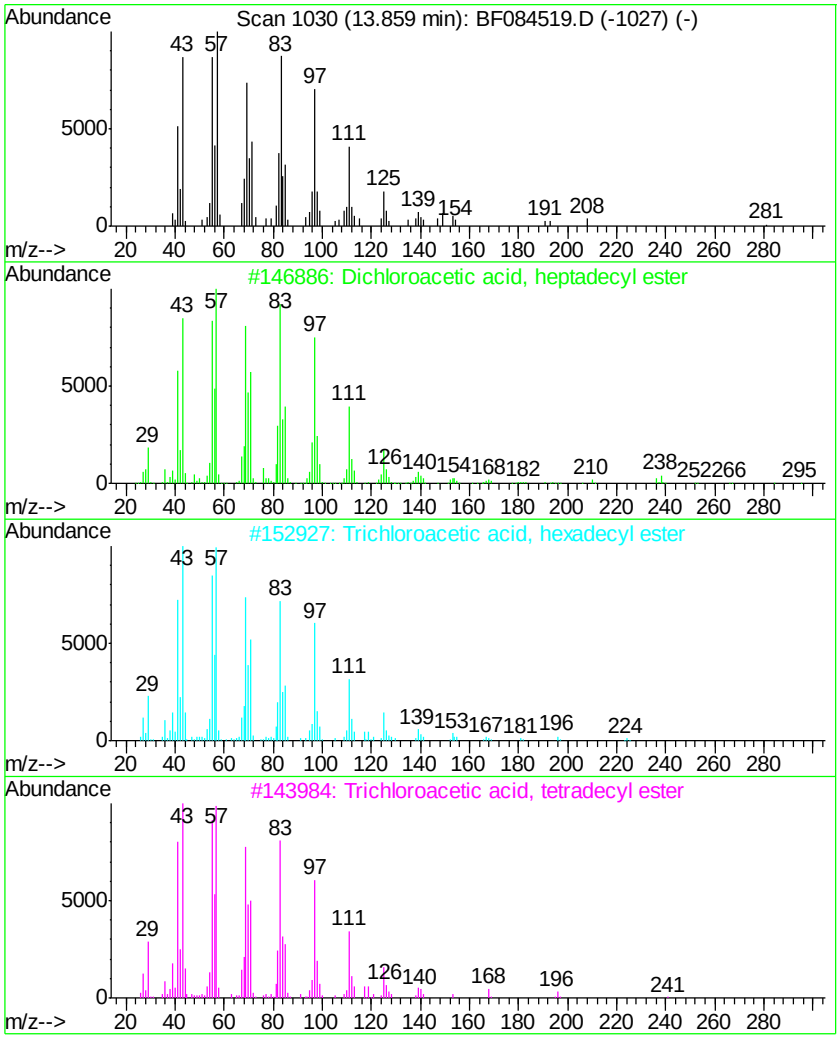
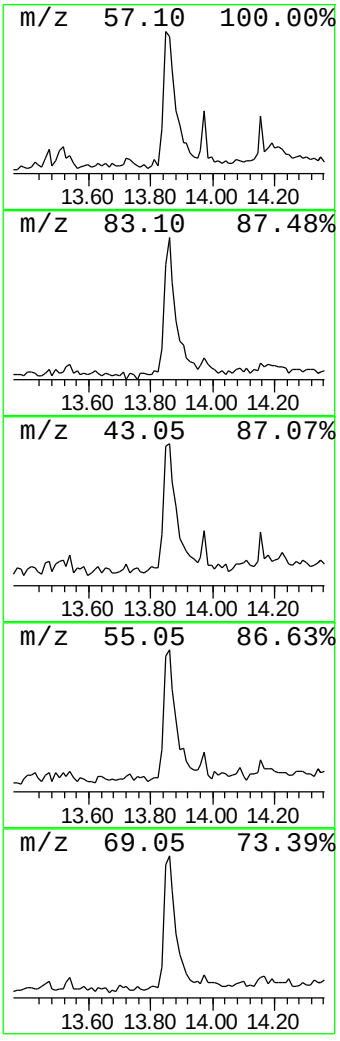
****

Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.28 ng	348546	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	1-Nonadecanol	284	C19H40O	001454-84-8	90





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
3-Penten-2-one, 4...	4.33	3.8	ng	276896	1	6.82	1468990	20.0
2-Pentanone, 4-hy...	4.99	24.3	ng	1782880	1	6.82	1468990	20.0
2-Pentanone, 4-me...	5.82	4.4	ng	326012	1	6.82	1468990	20.0
unknown6.59	6.59	77.0	ng	5655380	1	6.82	1468990	20.0
Dichloroacetic ac...	13.86	4.3	ng	348546	5	13.98	1629470	20.0