LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084521.D
Acq On : 16 Jan 2016 5:48
Operator : SJ/UM
Sample : H1144-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

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	227667	272863	3.33%	0.488%
2	4.990	251	254	257	rBV	1592722	2169978	26.51%	3.883%
3	5.424	289	292	295	rBV	4327572	3919123	47.87%	7.012%
4	5.824	325	327	329	rBV	398867	333462	4.07%	0.597%
5	6.464	380	383	385	rBV	2280616	2713360	33.14%	4.855%
6	6.590	391	394	397	rBV	6415797	5952726	72.72%	10.651%
7	6.819	412	414	416	rBV	1788741	1454232	17.76%	2.602%
8	6.979	425	428	430	rBV	6542430	5753714	70.28%	10.295%
9	7.390	461	464	466	rBV	4923472	5058087	61.79%	9.050%
10	8.110	524	527	529	rBV	1805520	1903454	23.25%	3.406%
11	9.185	618	621	624	rBV	6253839	8186367	100.00%	14.647%
12	9.802	672	675	677	rBV	102748	87505	1.07%	0.157%
13	9.859	678	680	683	rVB2	1963235	1971571	24.08%	3.528%
14	10.282	715	717	720	rBV2	82674	180677	2.21%	0.323%
15	10.648	747	749	752	rBV2	3457658	4879191	59.60%	8.730%
16	10.773	757	760	767	rVB	103296	129629	1.58%	0.232%
17	11.345	808	810	812	rBV	2219610	1868534	22.82%	3.343%
18	11.516	823	825	828	rVB	108220	89980	1.10%	0.161%
19	12.762	931	934	936	rBV	187231	195203	2.38%	0.349%
20	12.934	946	949	951	rBV	5728988	5750254	70.24%	10.288%
21	13.471	993	996	997	rBV	76813	88688	1.08%	0.159%
22	13.859	1026	1030	1036	rBV5	35866	119463	1.46%	0.214%
23	13.985	1038	1041	1043	rBV	1274196	1443975	17.64%	2.584%
24	15.402	1162	1165	1168	rBV	1099980	1368487	16.72%	2.449%

Sum of corrected areas: 55890523

LSC Report - Integrated Chromatogram

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Misc :
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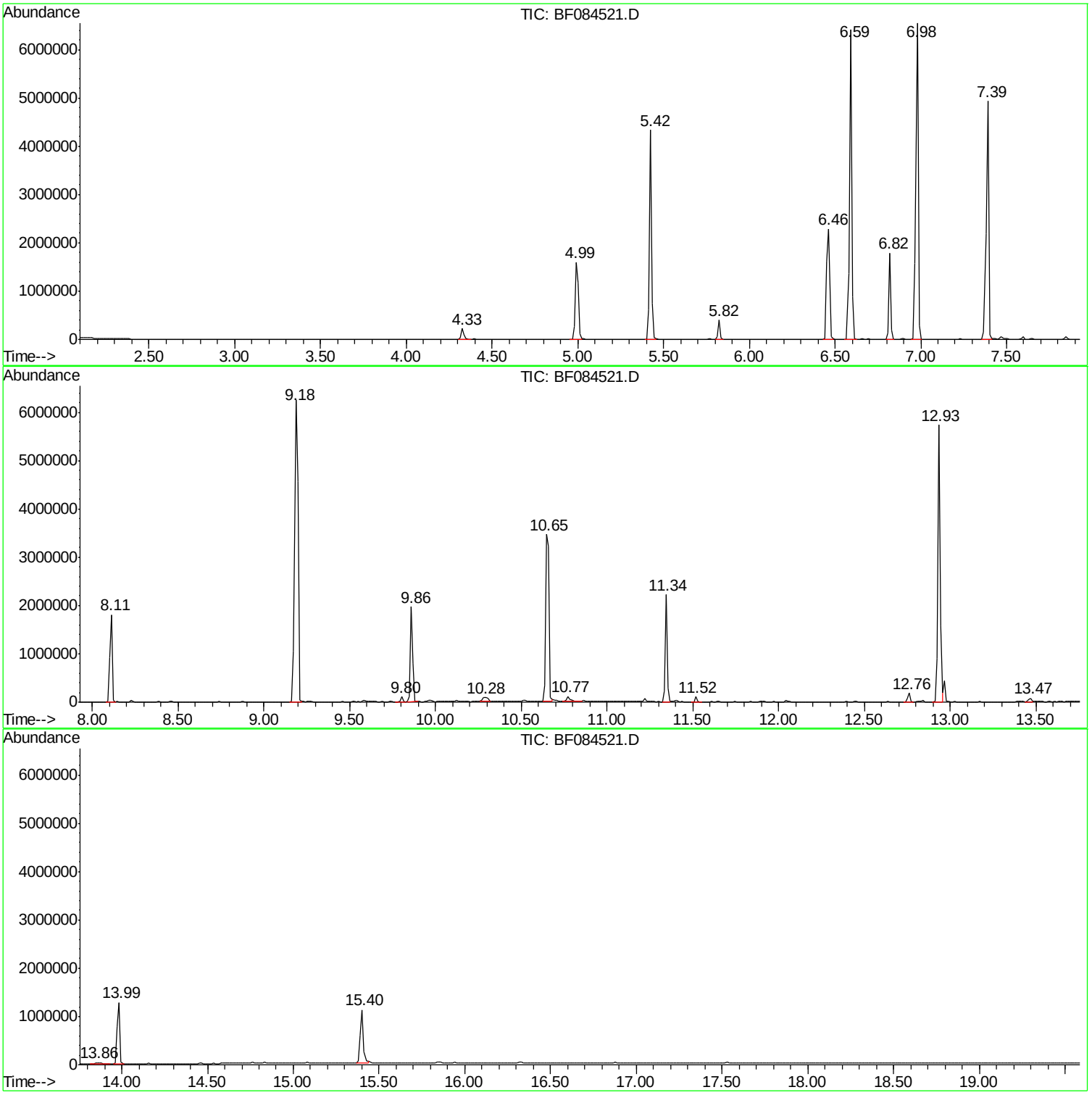
Instrument : BNA_F
ClientSampleId : TWP-3

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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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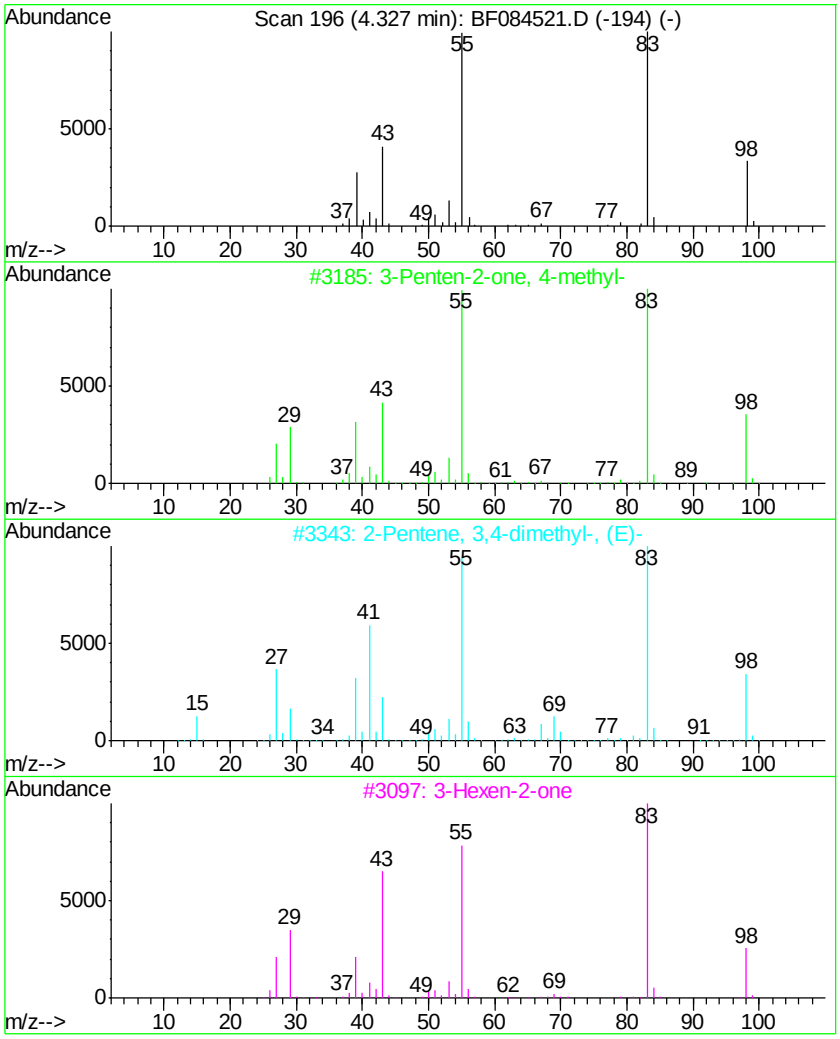
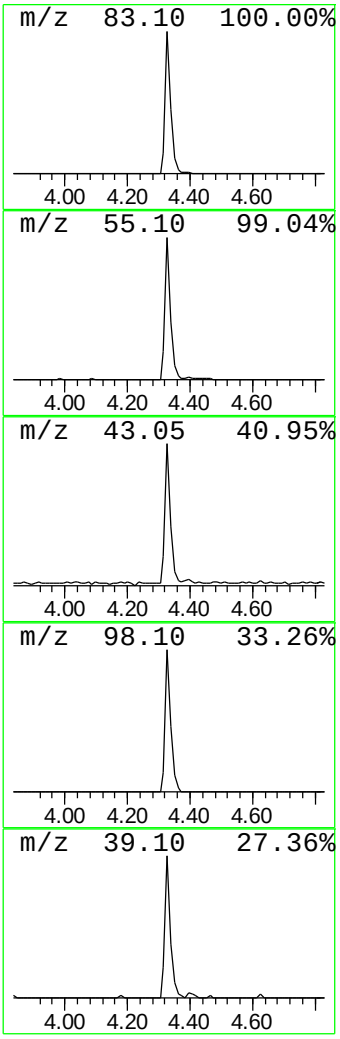
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	3.75 ng	272863	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	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
3	3-Hexen-2-one	98	C6H10O	000763-93-9	83
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084521.D
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Operator : SJ/UM
Sample : H1144-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

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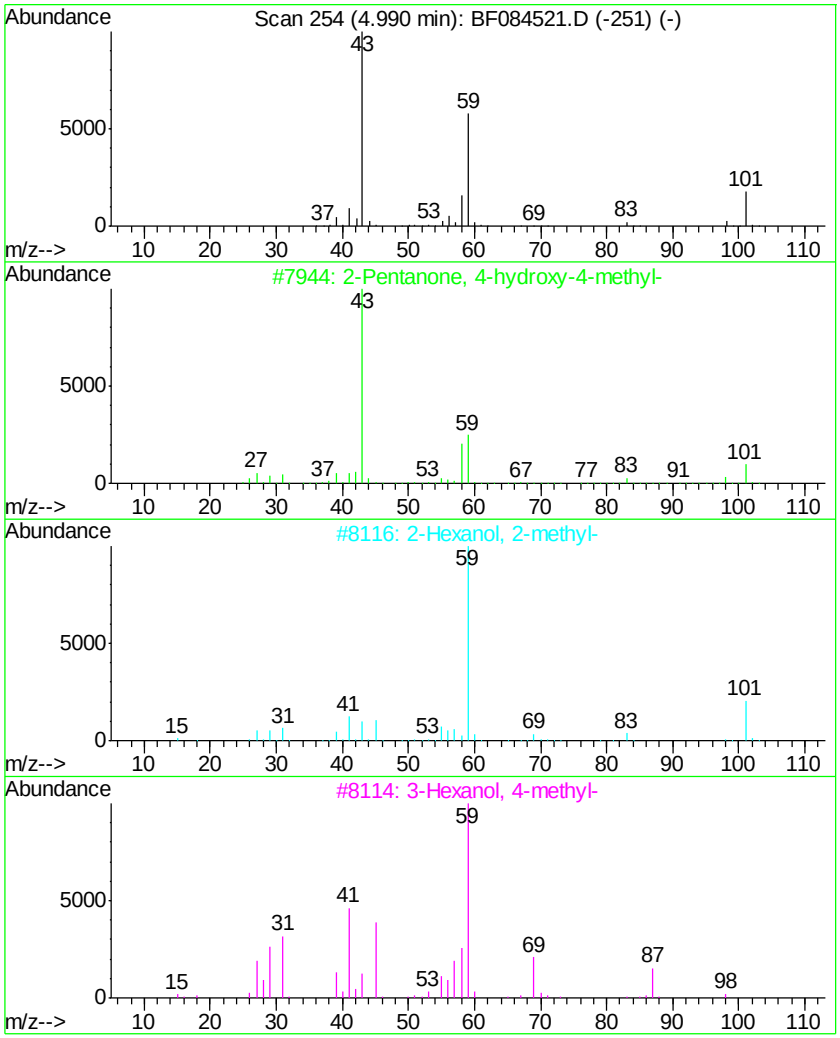
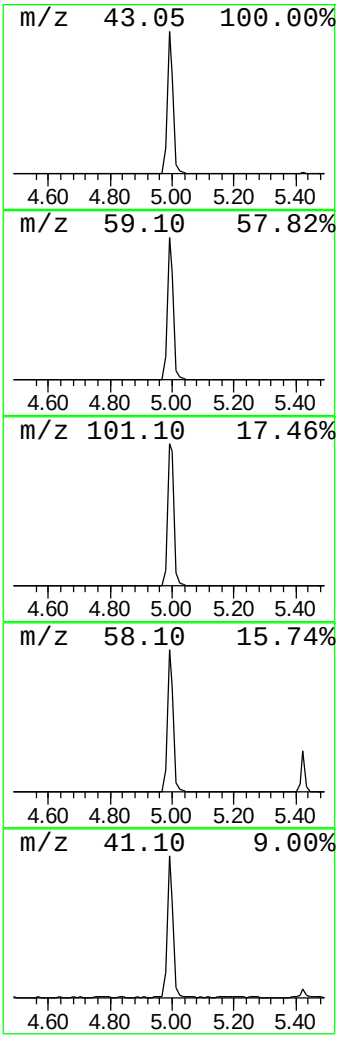
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	29.84 ng	2169980	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	59
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	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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Operator : SJ/UM
Sample : H1144-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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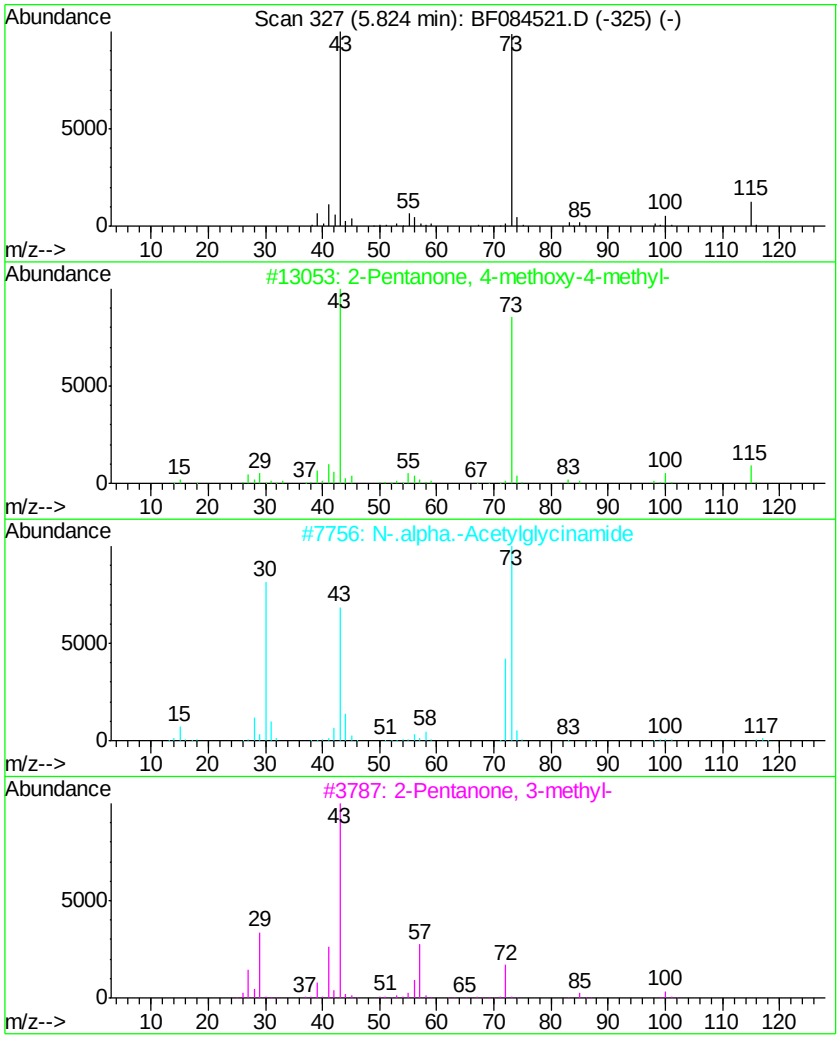
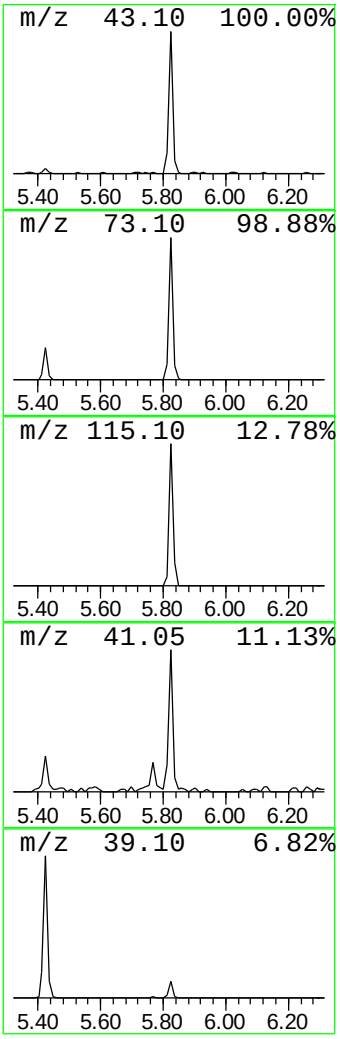
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	4.59 ng	333462	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	38
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	N-Formylmorpholine	115	C5H9NO2	004394-85-8	9





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Sample : H1144-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

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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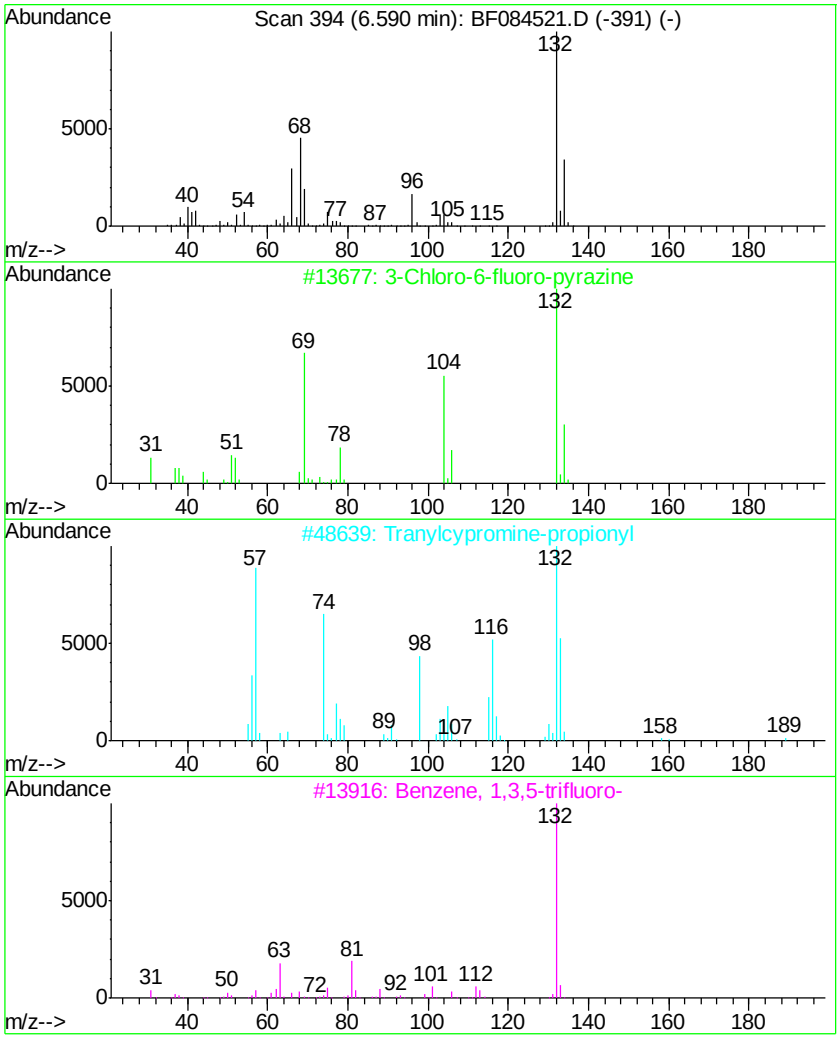
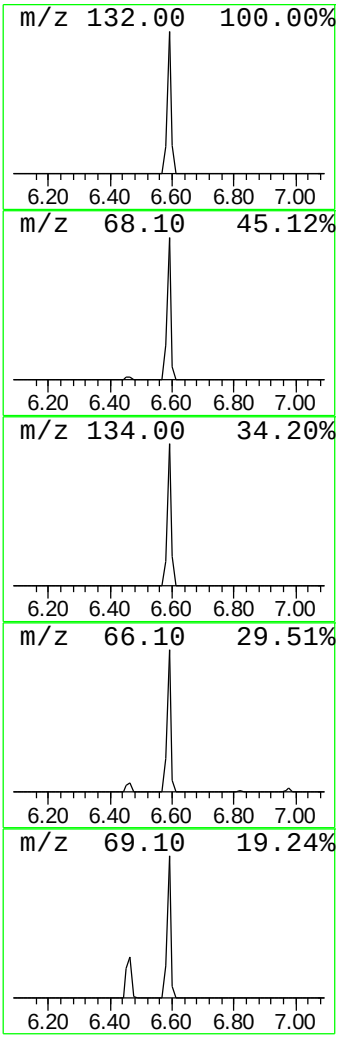
Peak Number 4 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	81.87 ng	5952730	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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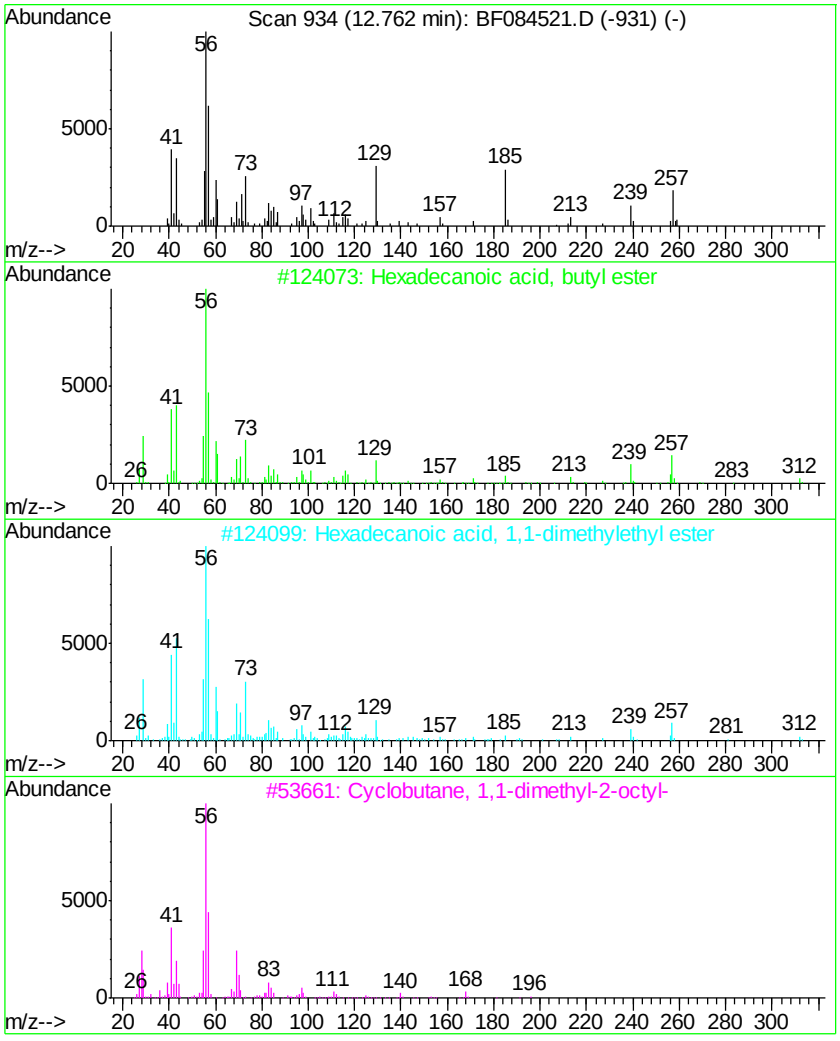
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

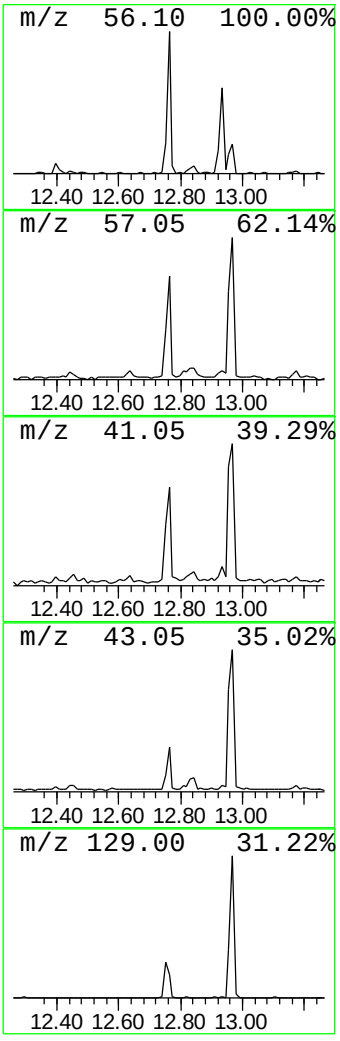
****

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.70 ng	195203	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	81
3	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
4	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	27
5	1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	25





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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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	272863	1	6.82	1454230	20.0
2-Pentanone, 4-hy...	4.99	29.8	ng	2169980	1	6.82	1454230	20.0
2-Pentanone, 4-me...	5.82	4.6	ng	333462	1	6.82	1454230	20.0
unknown6.59	6.59	81.9	ng	5952730	1	6.82	1454230	20.0
Hexadecanoic acid...	12.76	2.7	ng	195203	5	13.99	1443980	20.0