LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080655.D
Acq On : 25 Jul 2015 7:27
Operator : TP/UM
Sample : G3079-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7-7-22-15

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-BF072415.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	4.441	204	206	211	rVB	13958	21256	1.58%	0.214%
2	5.093	260	263	265	rBV	134947	194474	14.48%	1.954%
3	5.504	297	299	302	rBV	628099	561917	41.83%	5.646%
4	5.927	335	336	339	rBV	42545	42514	3.16%	0.427%
5	6.533	387	389	392	rBV	276013	310583	23.12%	3.121%
6	6.693	400	403	405	rBV	1071861	1048697	78.07%	10.538%
7	6.853	416	417	420	rVB	30610	27539	2.05%	0.277%
8	6.933	421	424	425	rBV	335962	331546	24.68%	3.332%
9	7.082	435	437	440	rBV	847832	868795	64.68%	8.730%
10	7.493	471	473	475	rVB	692882	765324	56.98%	7.690%
11	8.213	534	536	539	rVB	419657	402192	29.94%	4.041%
12	8.728	578	581	587	rBV2	21520	55901	4.16%	0.562%
13	8.830	587	590	593	rBV	78644	139176	10.36%	1.398%
14	8.933	597	599	601	rVB	51707	44099	3.28%	0.443%
15	9.288	628	630	633	rBV	1153083	1276237	95.01%	12.824%
16	9.688	663	665	666	rBV	32355	28031	2.09%	0.282%
17	9.973	687	690	692	rVB	526546	448257	33.37%	4.504%
18	10.751	756	758	761	rBV2	732382	819698	61.02%	8.237%
19	10.876	768	769	774	rVB3	14131	20133	1.50%	0.202%
20	11.459	818	820	822	rBV	464017	420317	31.29%	4.224%
21	11.985	864	866	868	rBV	28301	27042	2.01%	0.272%
22	13.071	959	961	964	rBV	1534449	1343260	100.00%	13.498%
23	14.225	1060	1062	1065	rBV	396986	399976	29.78%	4.019%
24	15.871	1203	1206	1209	rBV	295164	354887	26.42%	3.566%

Sum of corrected areas: 9951851

LSC Report - Integrated Chromatogram

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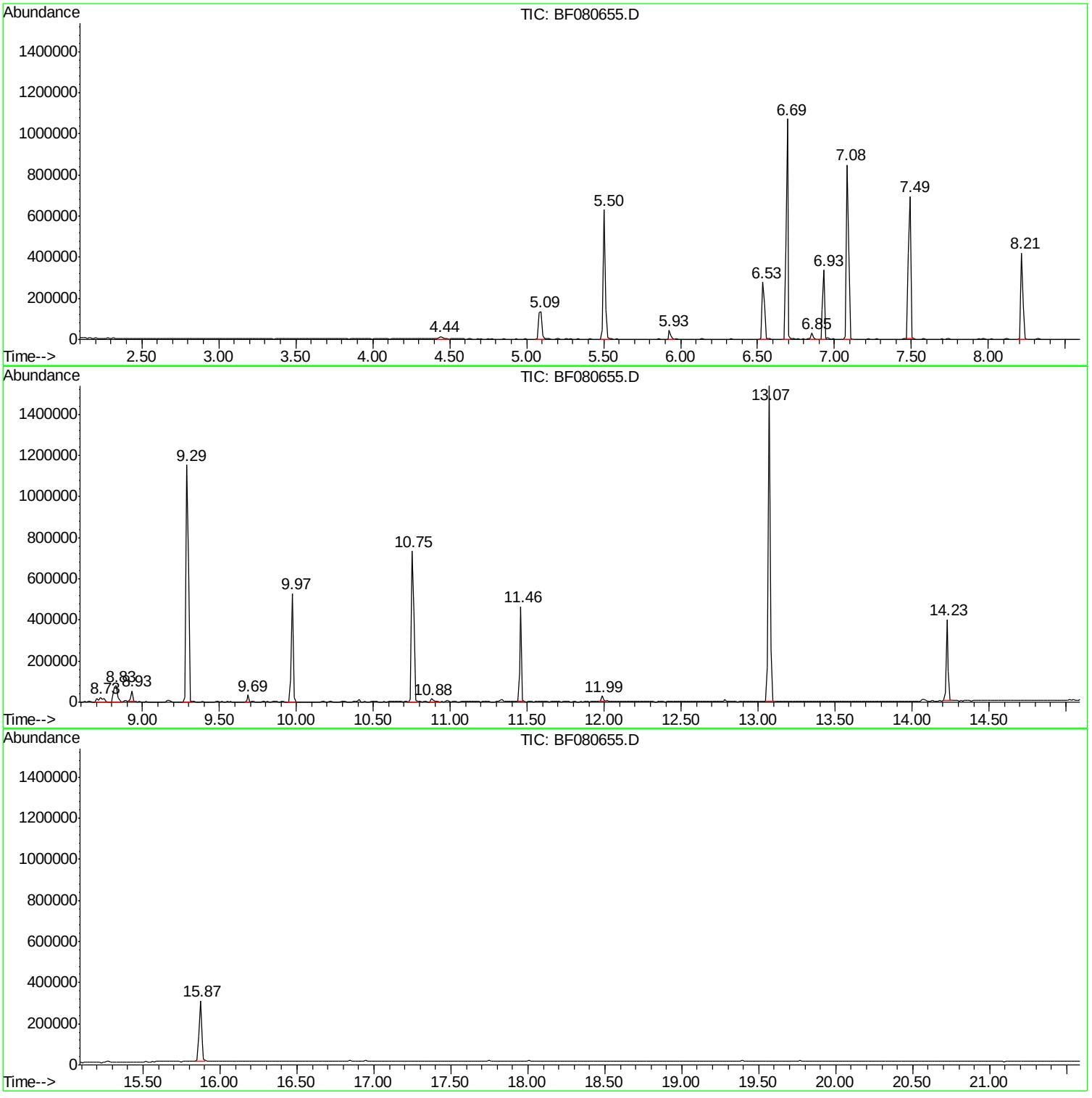
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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Data File : BF080655.D
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Sample : G3079-02
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Instrument : BNA_F
ClientSampleId : MW-7-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

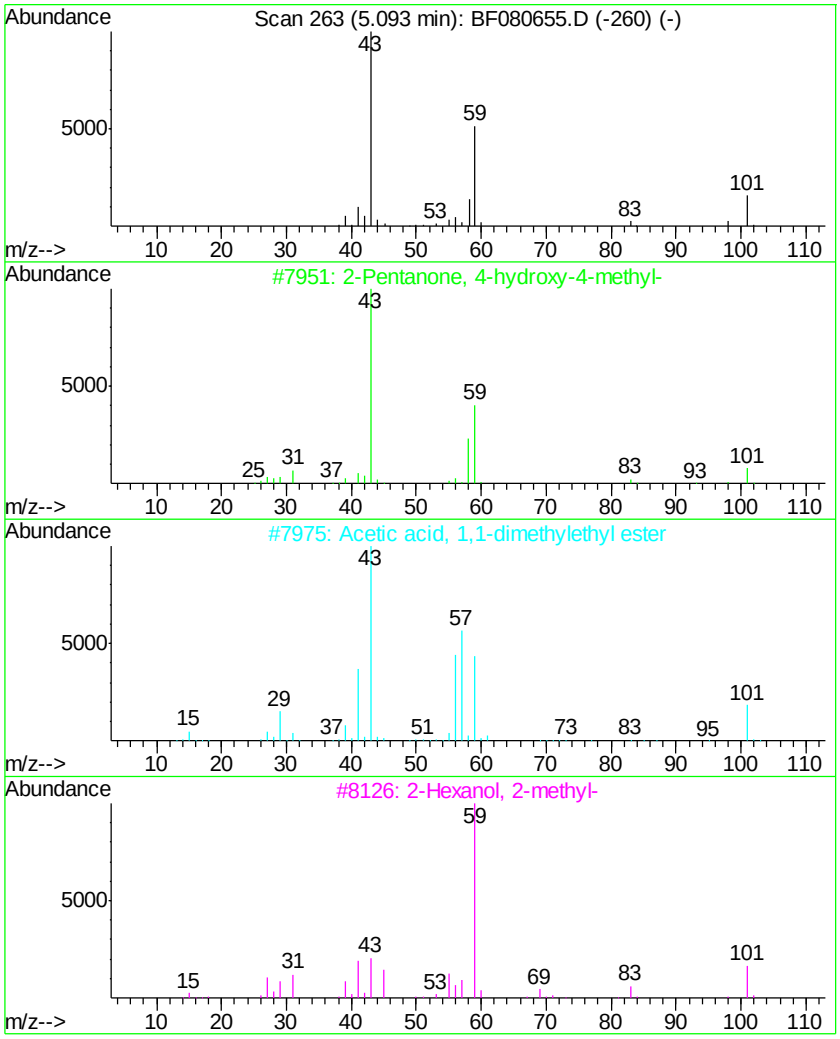
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

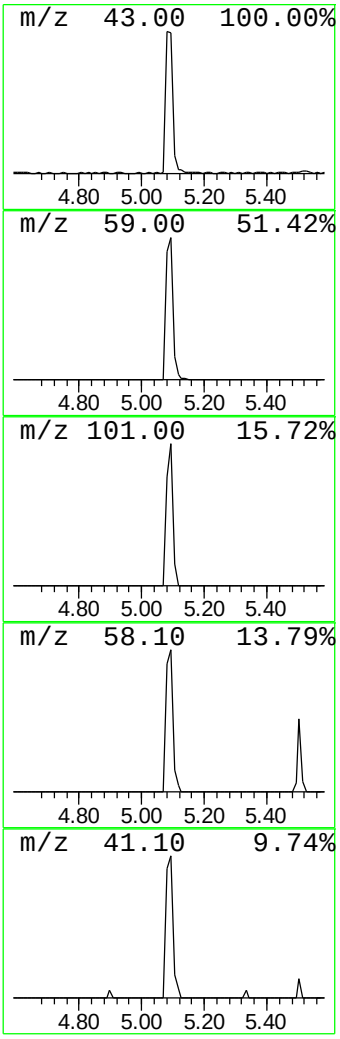
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	11.73 ng	194474	1,4-Dichlorobenzene-d4	6.93

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	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





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Instrument :
BNA_F
ClientSampleId :
MW-7-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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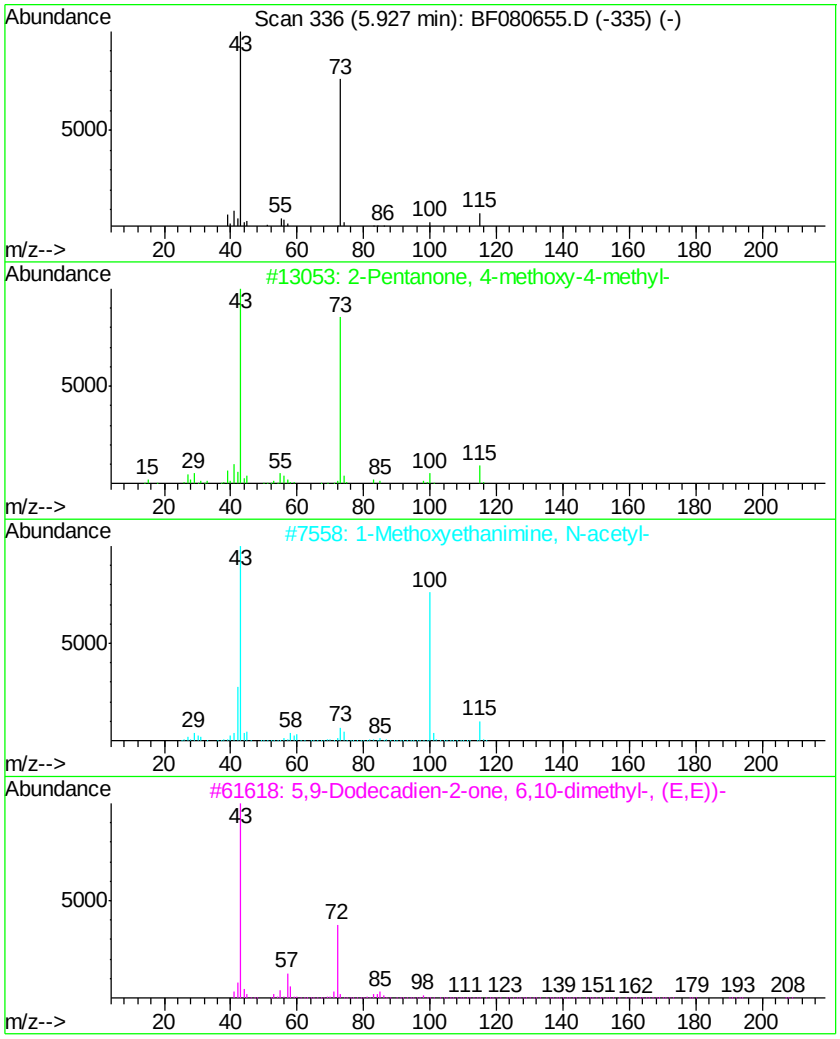
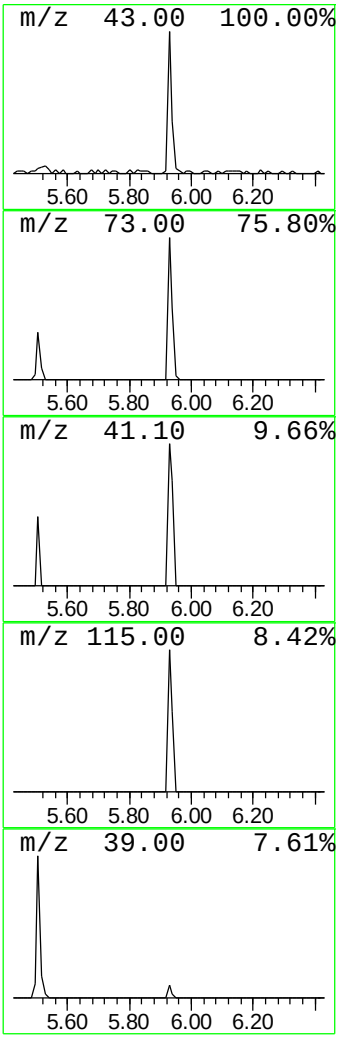
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.56 ng	42514	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	23
3	5,9-Dodecadien-2-one, 6,10-dimet...	208	C14H24O	1000132-10-9	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	12
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080655.D
Acq On : 25 Jul 2015 7:27
Operator : TP/UM
Sample : G3079-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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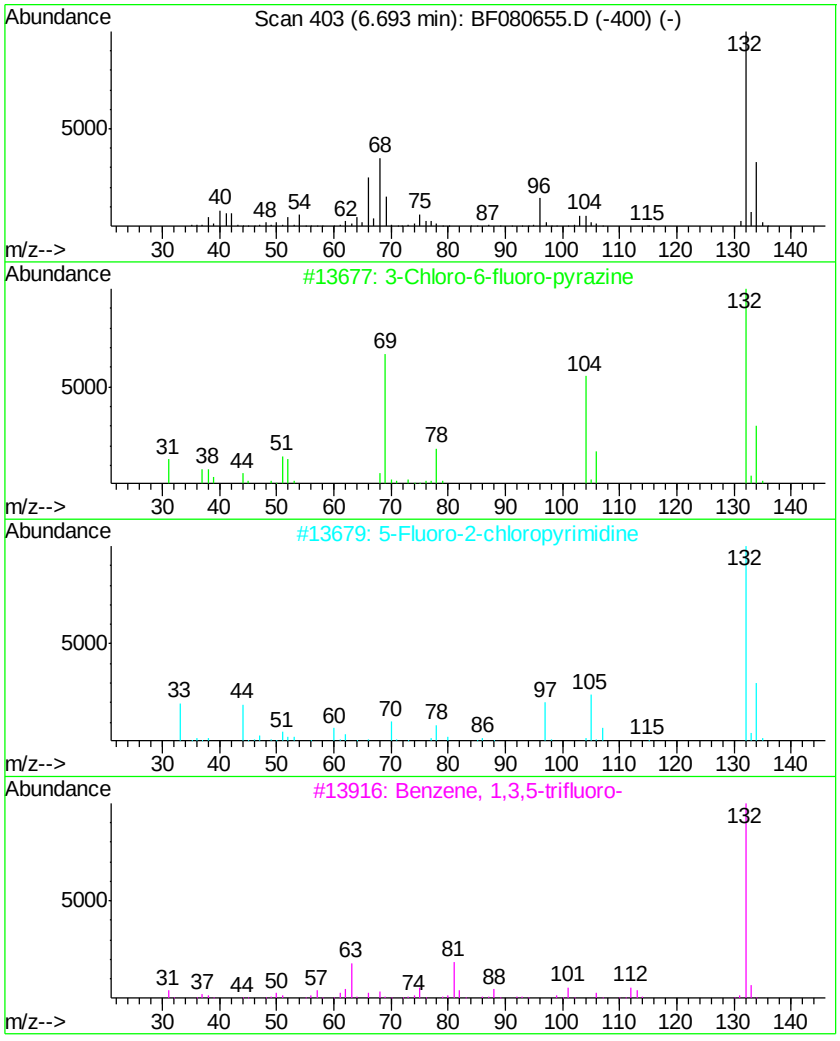
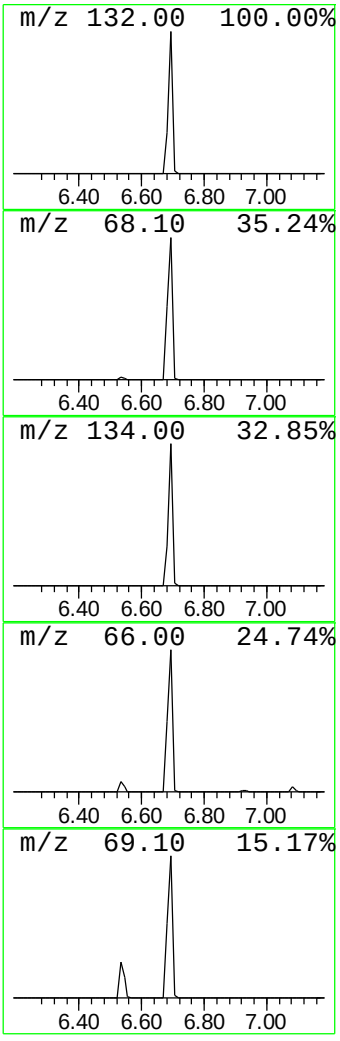
Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	63.26 ng	1048700	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
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TIC Library : C:\DATABASE\NIST02.L
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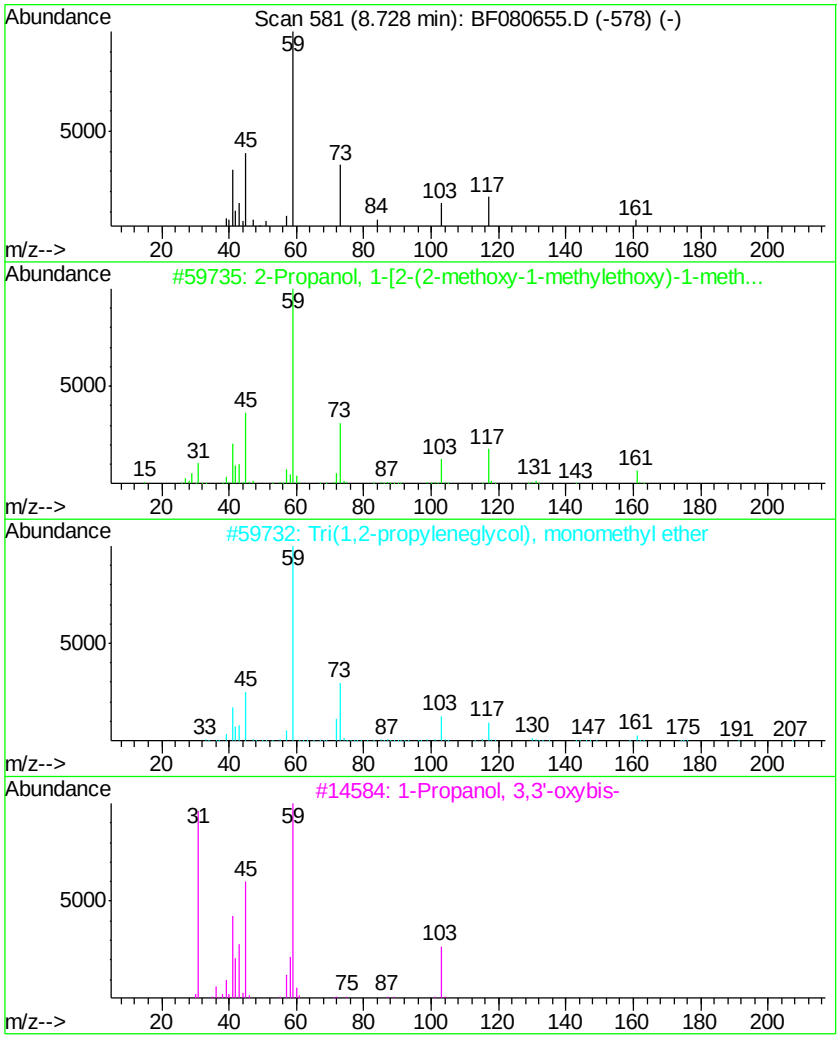
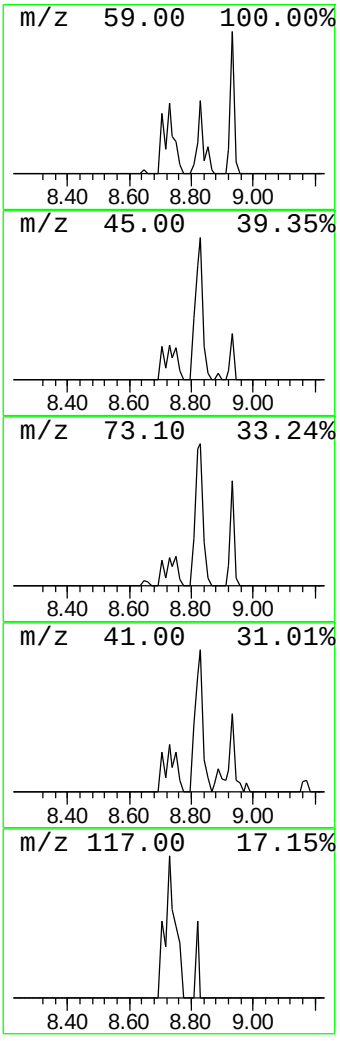
****

Peak Number 5 2-Propanol, 1-[2-(2-methoxy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	2.78 ng	55901	Naphthalene-d8	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	83
2	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	64
3	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	9
4	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	9
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	9





Library Search Compound Report

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
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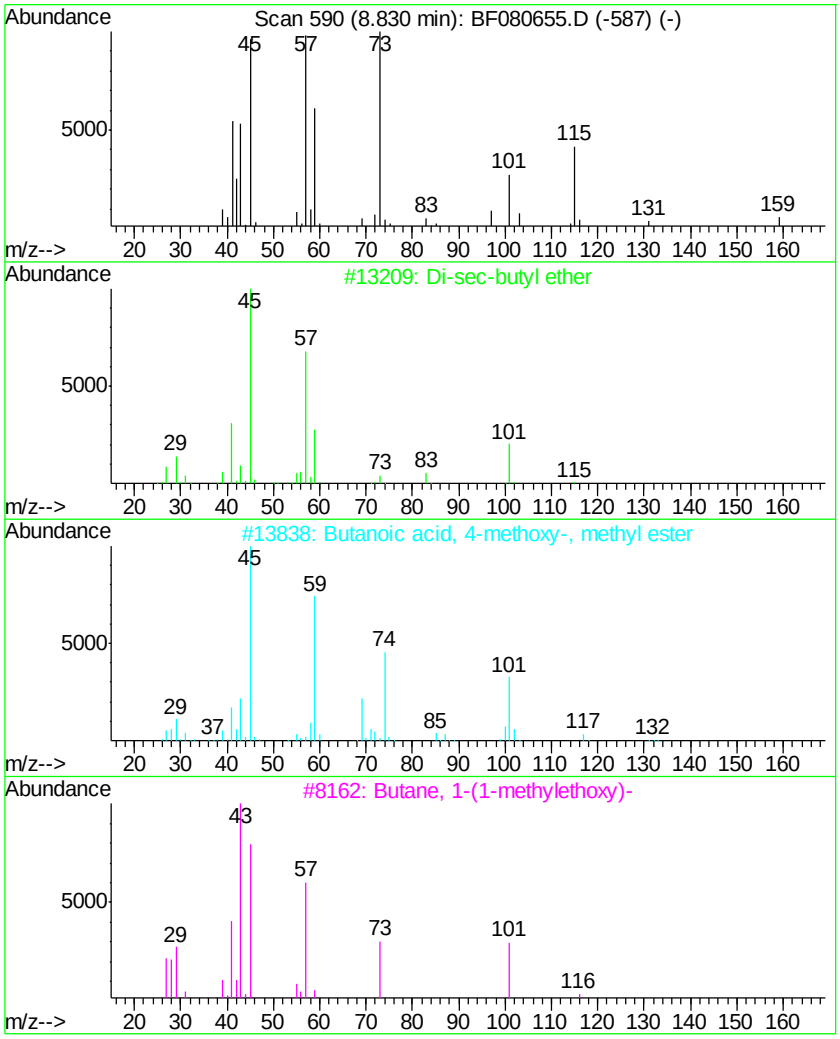
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

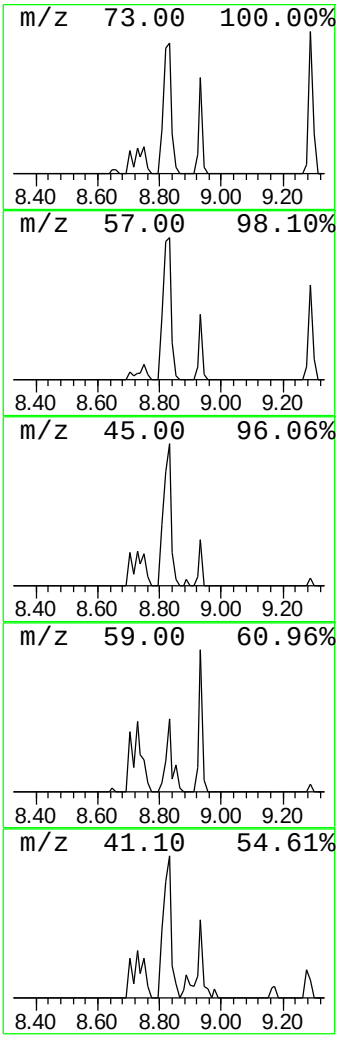
****

Peak Number 6 unknown8.83 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	6.92 ng	139176	Naphthalene-d8	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-butyl ether	130	C8H18O	006863-58-7	38
2	Butanoic acid, 4-methoxy-, methy...	132	C6H12O3	029006-01-7	37
3	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	37
4	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	32
5	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	32





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
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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...	5.09	11.7	ng	194474	1	6.93	331546	20.0
2-Pentanone, 4-me...	5.93	2.6	ng	42514	1	6.93	331546	20.0
unknown6.69	6.69	63.3	ng	1048700	1	6.93	331546	20.0
2-Propanol, 1-[2-...	8.73	2.8	ng	55901	2	8.21	402192	20.0
unknown8.83	8.83	6.9	ng	139176	2	8.21	402192	20.0