LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077923.D
Acq On : 24 Mar 2015 20:47
Operator : TP/IZ
Sample : G1613-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11

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-BF031115.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	1.047	11	14	31	rVB	318030	867278	21.24%	5.176%
2	1.275	31	34	36	rVB	3724310	4083312	100.00%	24.370%
3	1.390	41	44	57	rVB	359964	678683	16.62%	4.051%
4	1.561	57	59	62	rVB	60005	78828	1.93%	0.470%
5	1.653	64	67	74	rVB	93713	171972	4.21%	1.026%
6	1.767	74	77	97	rVB	617169	1195530	29.28%	7.135%
7	4.864	346	348	358	rVB	79665	102472	2.51%	0.612%
8	5.402	393	395	398	rBV	774480	809849	19.83%	4.833%
9	6.693	505	508	510	rBV	868145	842577	20.63%	5.029%
10	6.830	517	520	522	rBV	900805	900054	22.04%	5.372%
11	7.116	542	545	547	rBV	312620	286219	7.01%	1.708%
12	7.299	559	561	564	rBV	770279	693356	16.98%	4.138%
13	7.813	603	606	608	rBV	481565	498830	12.22%	2.977%
14	8.693	681	683	685	rBV	429096	400198	9.80%	2.388%
15	10.042	798	801	803	rBV	1090300	1113919	27.28%	6.648%
16	10.408	830	833	835	rBV	58011	64784	1.59%	0.387%
17	10.865	870	873	875	rVB	351221	451532	11.06%	2.695%
18	11.836	955	958	961	rBV	648904	620993	15.21%	3.706%
19	12.694	1031	1033	1036	rBV	523086	497601	12.19%	2.970%
20	14.694	1205	1208	1210	rBV	1032521	1313297	32.16%	7.838%
21	15.974	1318	1320	1323	rBV	454657	557745	13.66%	3.329%
22	17.734	1471	1474	1477	rBV	437948	526217	12.89%	3.141%

Sum of corrected areas: 16755246

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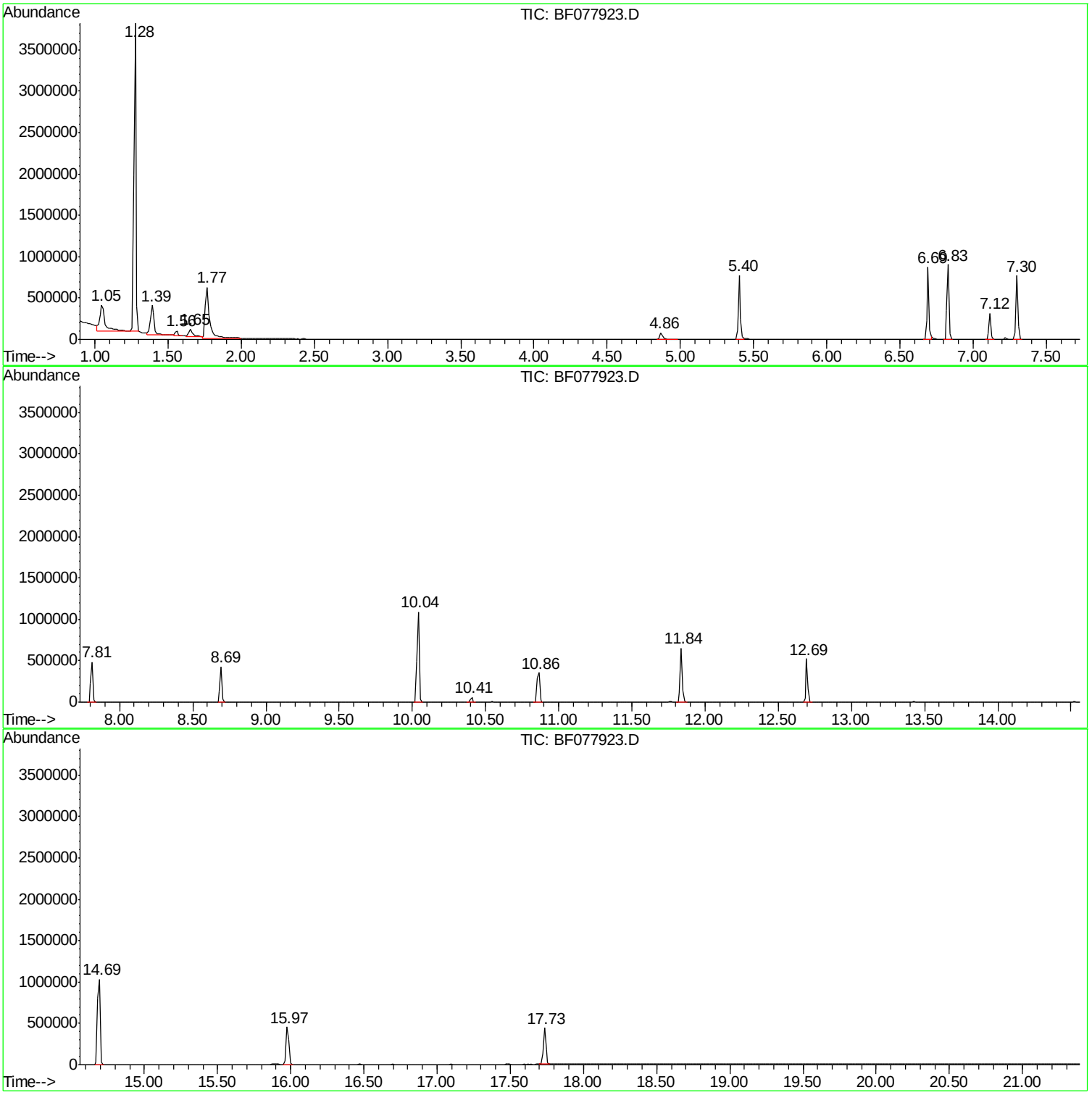
Instrument : BNA_F
ClientSampleId : SB-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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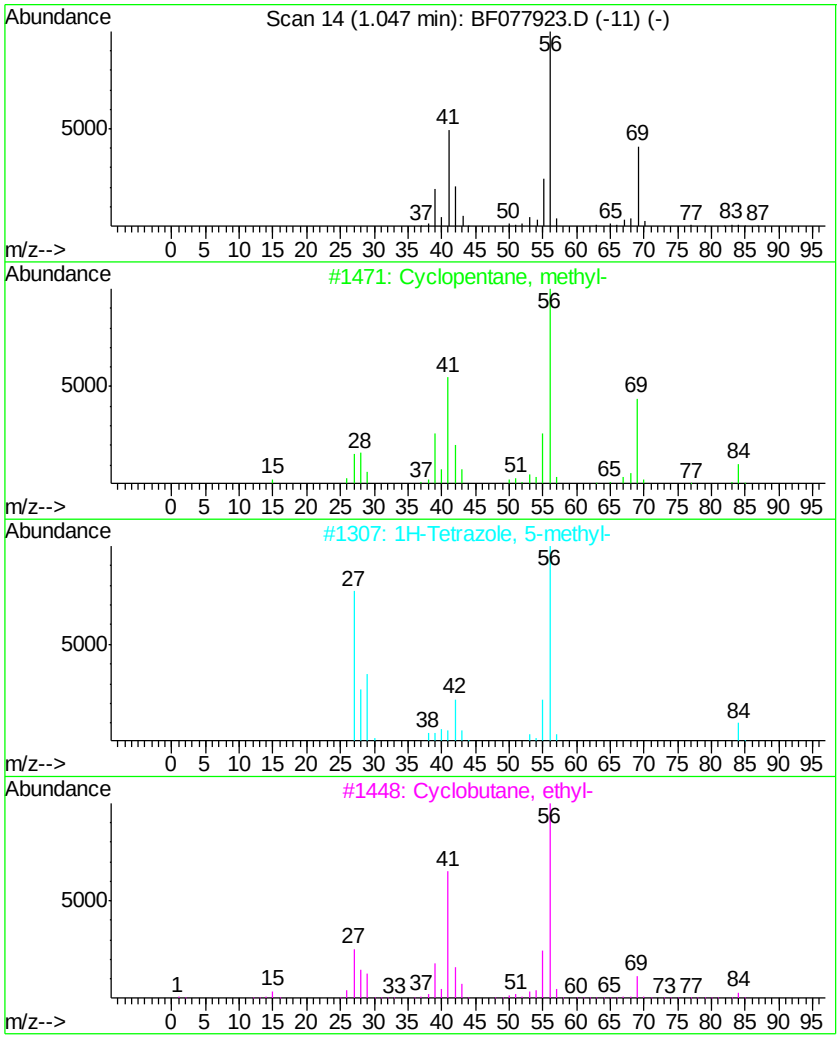
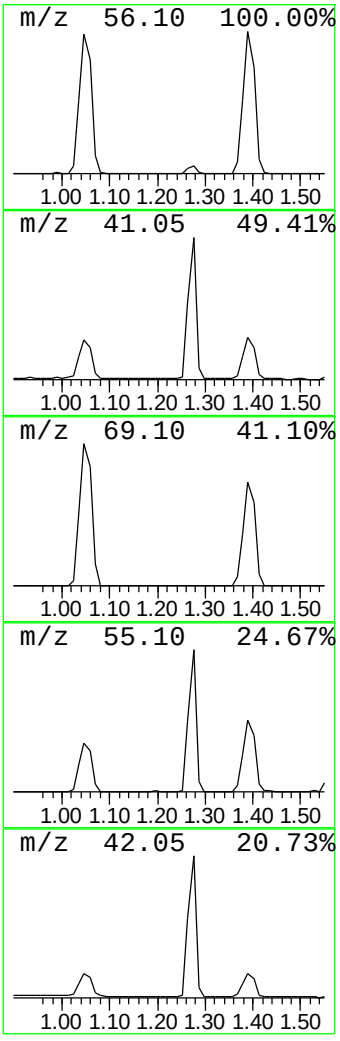
Peak Number 1 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.05	60.60 ng	867278	1,4-Dichlorobenzene-d4	7.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	56
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	56
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	40
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	39





Library Search Compound Report

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Operator : TP/IZ
Sample : G1613-17
Misc :
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Instrument : BNA_F
ClientSampleId : SB-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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TIC Integration Parameters: LSCINT.P

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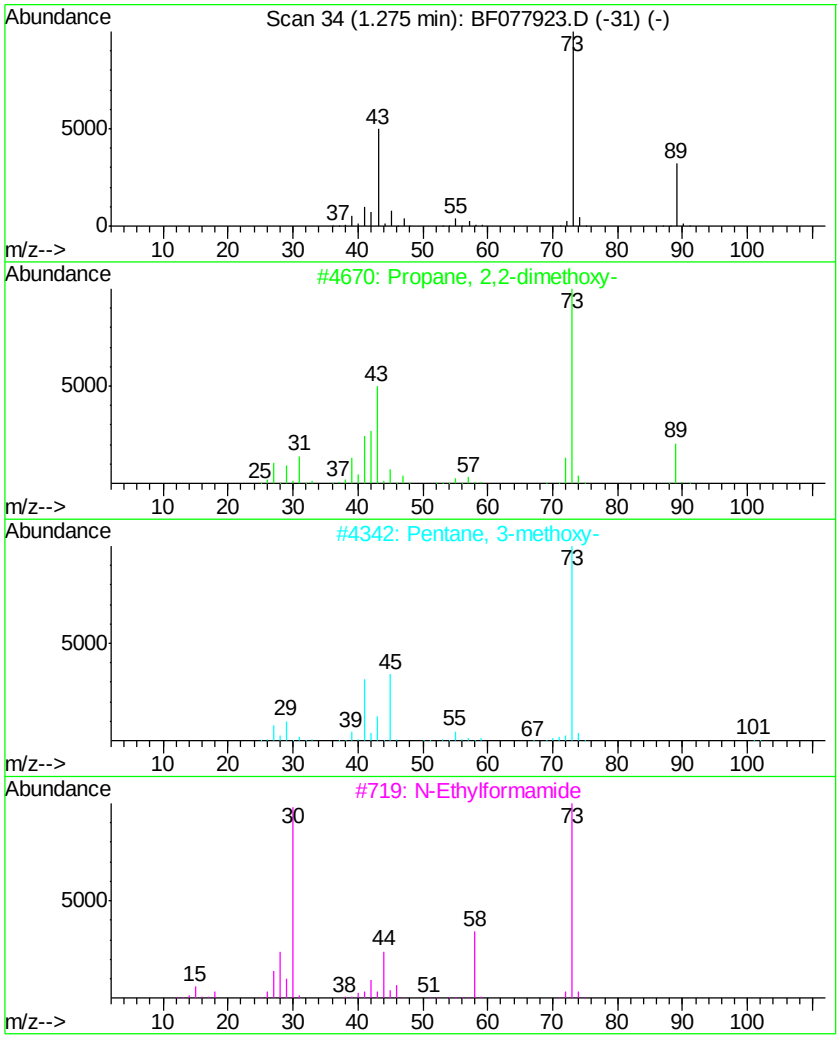
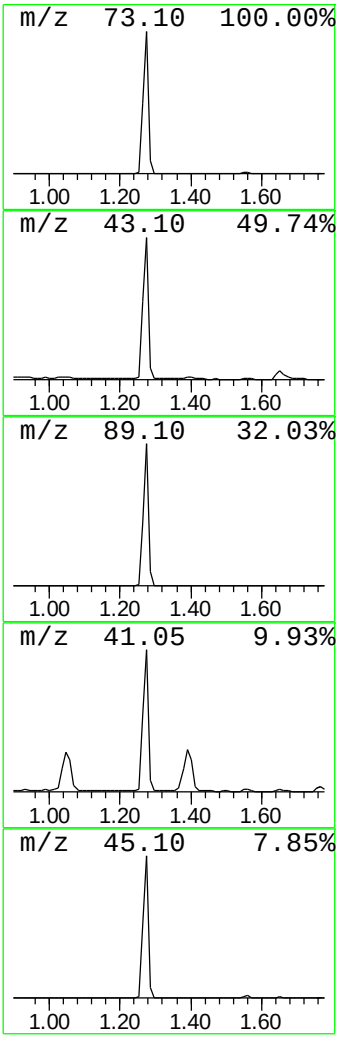
Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	285.33 ng	4083310	1,4-Dichlorobenzene-d4	7.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Operator : TP/IZ
Sample : G1613-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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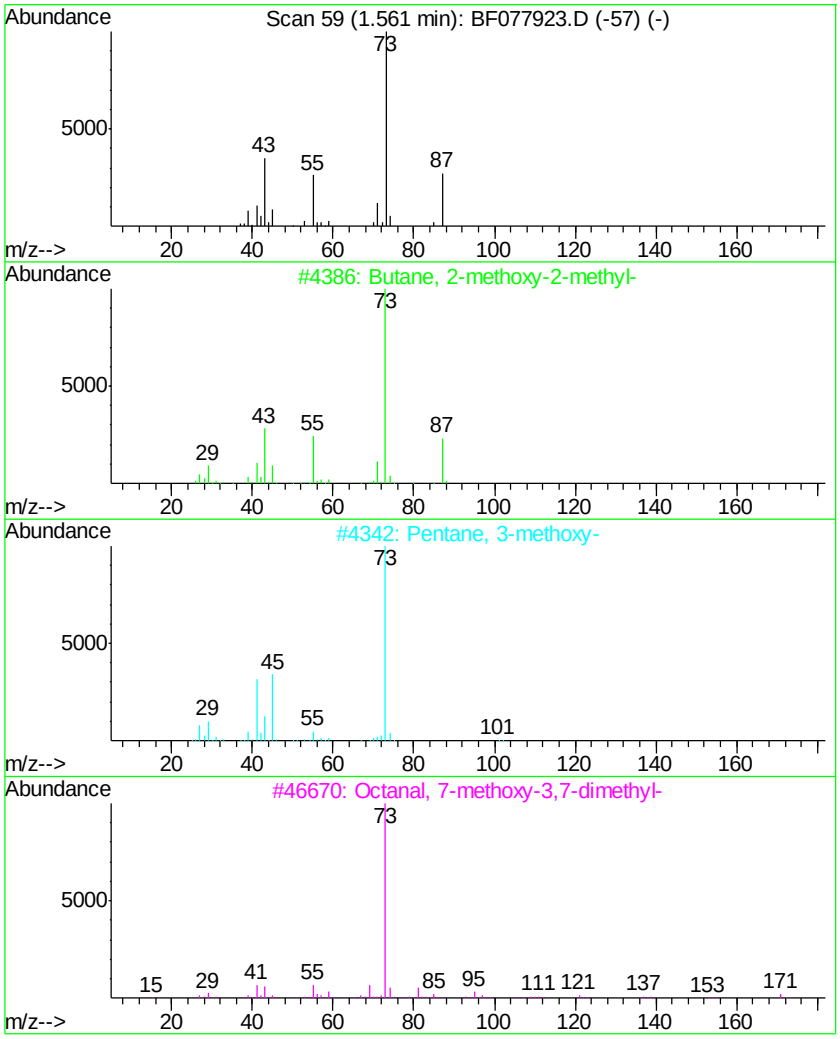
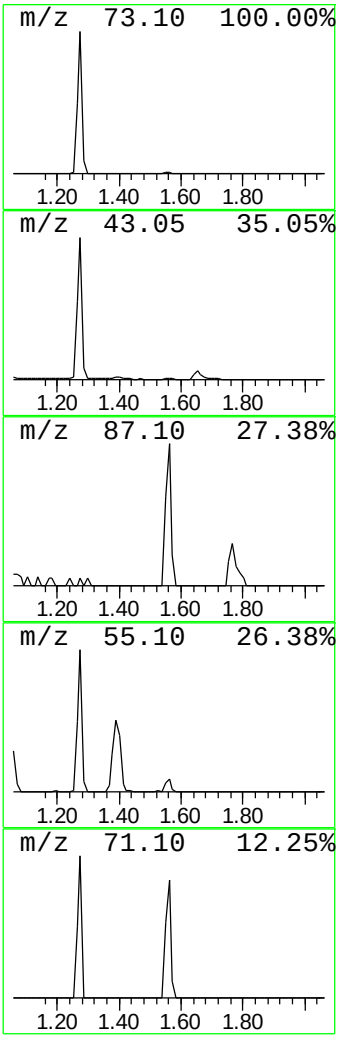
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.56	5.51 ng	78828	1,4-Dichlorobenzene-d4	7.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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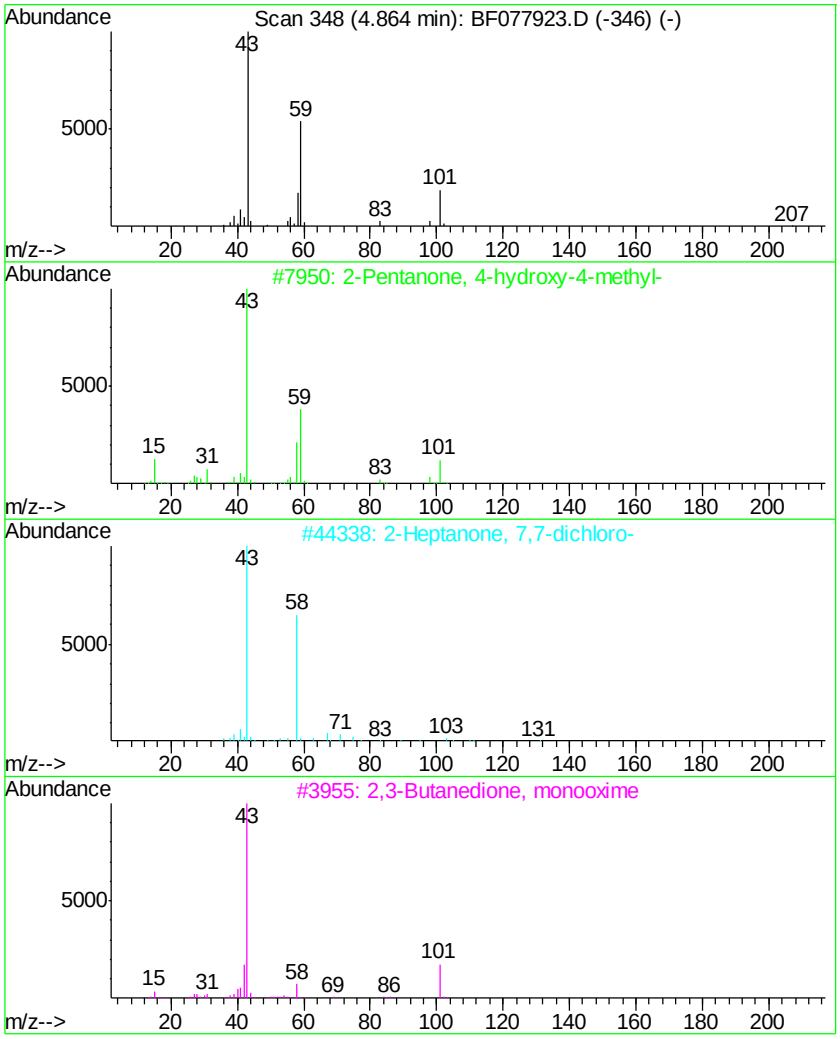
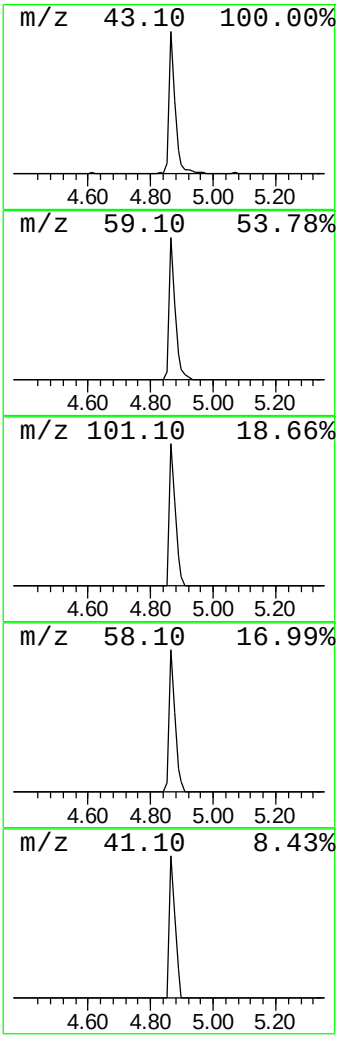
Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	7.16 ng	102472	1,4-Dichlorobenzene-d4	7.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB-11

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TIC Library : C:\DATABASE\NIST02.L
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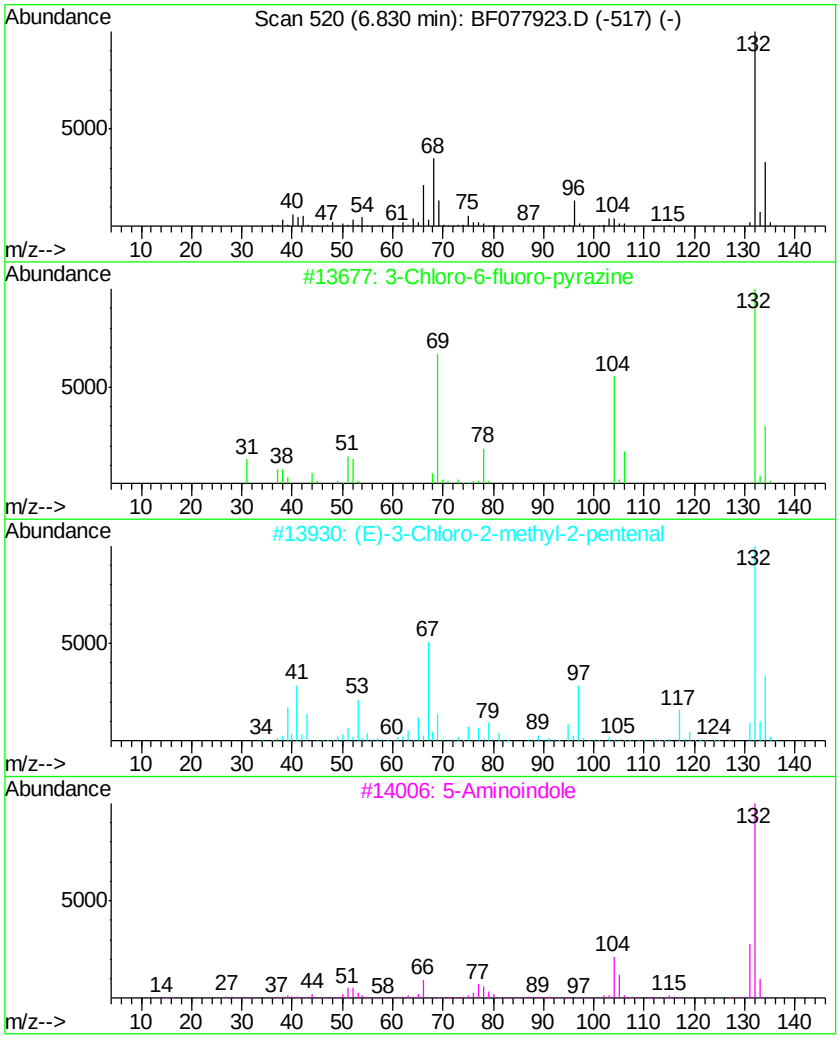
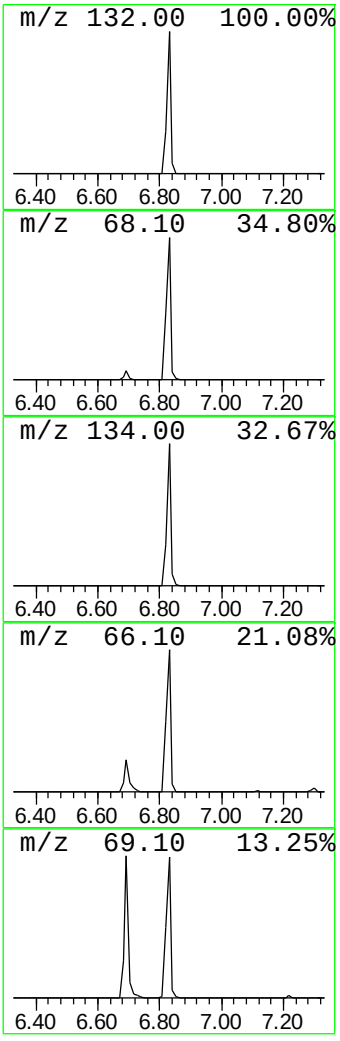
Peak Number 8 unknown6.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	62.89 ng	900054	1,4-Dichlorobenzene-d4	7.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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TIC Integration Parameters: LSCINT.P

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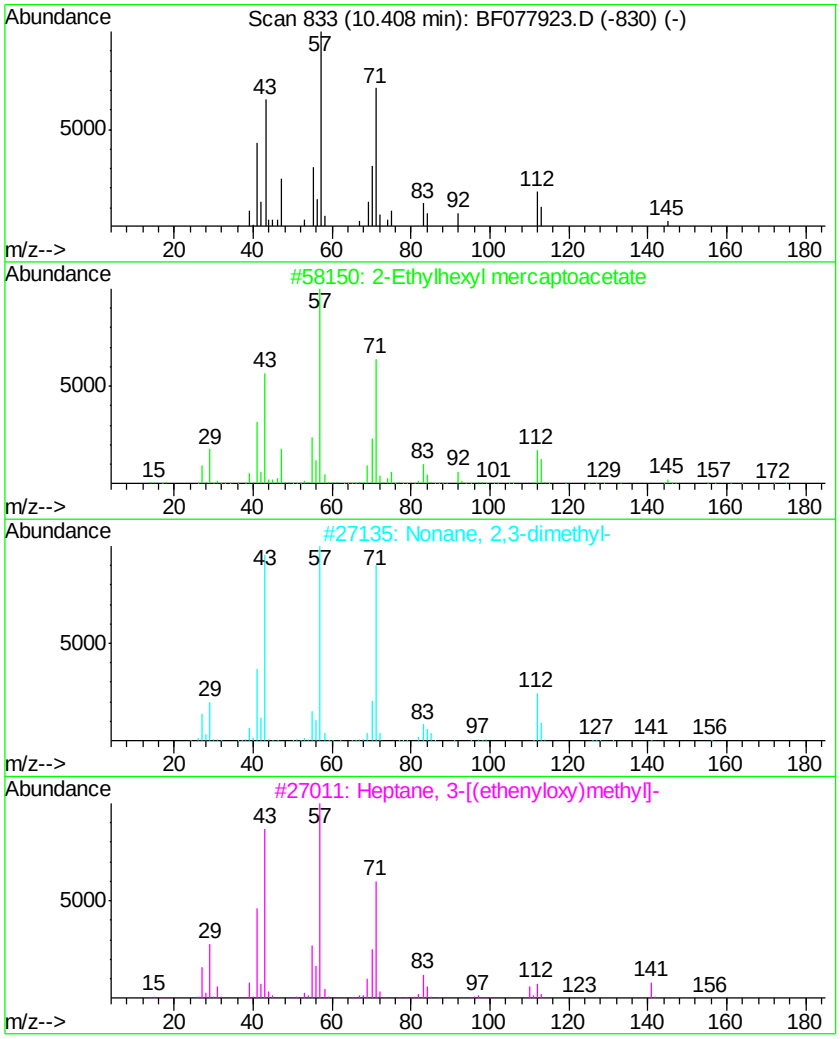
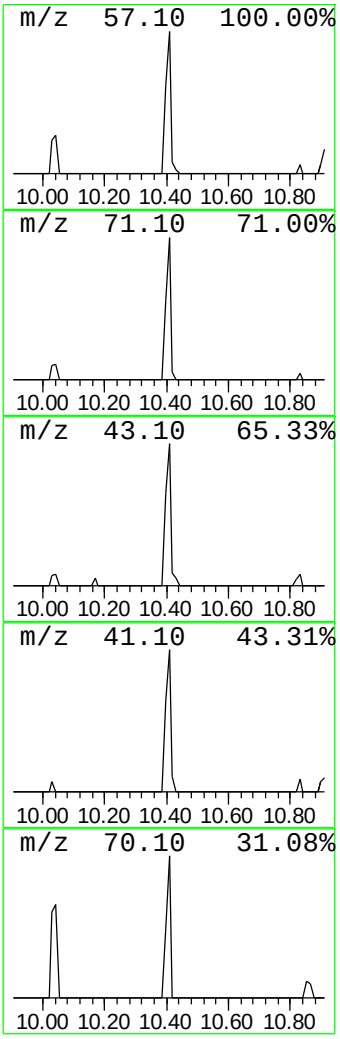
Peak Number 10 2-Ethylhexyl mercaptoacetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	2.87 ng	64784	Acenaphthene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	87
2	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	53
3	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	53
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	50
5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	50





Tentatively Identified Compound (LSC) summary

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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
Cyclopentane, met...	1.05	60.6	ng	867278	1	7.12	286219	20.0
Propane, 2,2-dime...	1.28	285.3	ng	4083310	1	7.12	286219	20.0
Butane, 2-methoxy...	1.56	5.5	ng	78828	1	7.12	286219	20.0
2-Pentanone, 4-hy...	4.86	7.2	ng	102472	1	7.12	286219	20.0
unknown6.83	6.83	62.9	ng	900054	1	7.12	286219	20.0
2-Ethylhexyl merc...	10.41	2.9	ng	64784	3	10.86	451532	20.0