LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116502.D
Acq On : 24 Aug 2019 2:45
Operator : HP/JU
Sample : K4450-04 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-(A-C)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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	2.163	9	13	27	rVB	115418	243560	28.47%	4.308%
2	4.769	432	456	457	rBV5	23902	90084	10.53%	1.593%
3	5.498	576	580	585	rBV	53338	48345	5.65%	0.855%
4	6.498	747	750	752	rBV	64731	49749	5.81%	0.880%
5	6.645	770	775	779	rBV	58911	56666	6.62%	1.002%
6	6.887	812	816	819	rBV	688158	598469	69.95%	10.585%
7	7.040	838	842	845	rBV	61557	47432	5.54%	0.839%
8	8.163	1029	1033	1037	rBV	847194	729571	85.27%	12.903%
9	9.233	1212	1215	1218	rVB	99687	73214	8.56%	1.295%
10	9.633	1279	1283	1287	rBV3	83940	106055	12.40%	1.876%
11	9.792	1307	1310	1312	rBV2	97423	103238	12.07%	1.826%
12	9.833	1315	1317	1320	rVB	149336	133058	15.55%	2.353%
13	9.875	1321	1324	1326	rBV3	52527	52270	6.11%	0.924%
14	9.916	1326	1331	1336	rBV	977077	855612	100.00%	15.133%
15	9.969	1336	1340	1342	rBV2	63644	91999	10.75%	1.627%
16	10.181	1374	1376	1378	rBV2	53578	57094	6.67%	1.010%
17	10.263	1388	1390	1392	rBV	96889	65203	7.62%	1.153%
18	10.298	1393	1396	1398	rBV2	89097	104782	12.25%	1.853%
19	10.333	1399	1402	1405	rBV2	314874	246278	28.78%	4.356%
20	10.386	1408	1411	1412	rBV3	97313	97267	11.37%	1.720%
21	11.404	1581	1584	1586	rBV	622238	491374	57.43%	8.691%
22	14.039	2030	2032	2040	rVB	679570	721584	84.34%	12.762%
23	15.504	2277	2281	2285	rVB	470452	591210	69.10%	10.456%

Sum of corrected areas: 5654114

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
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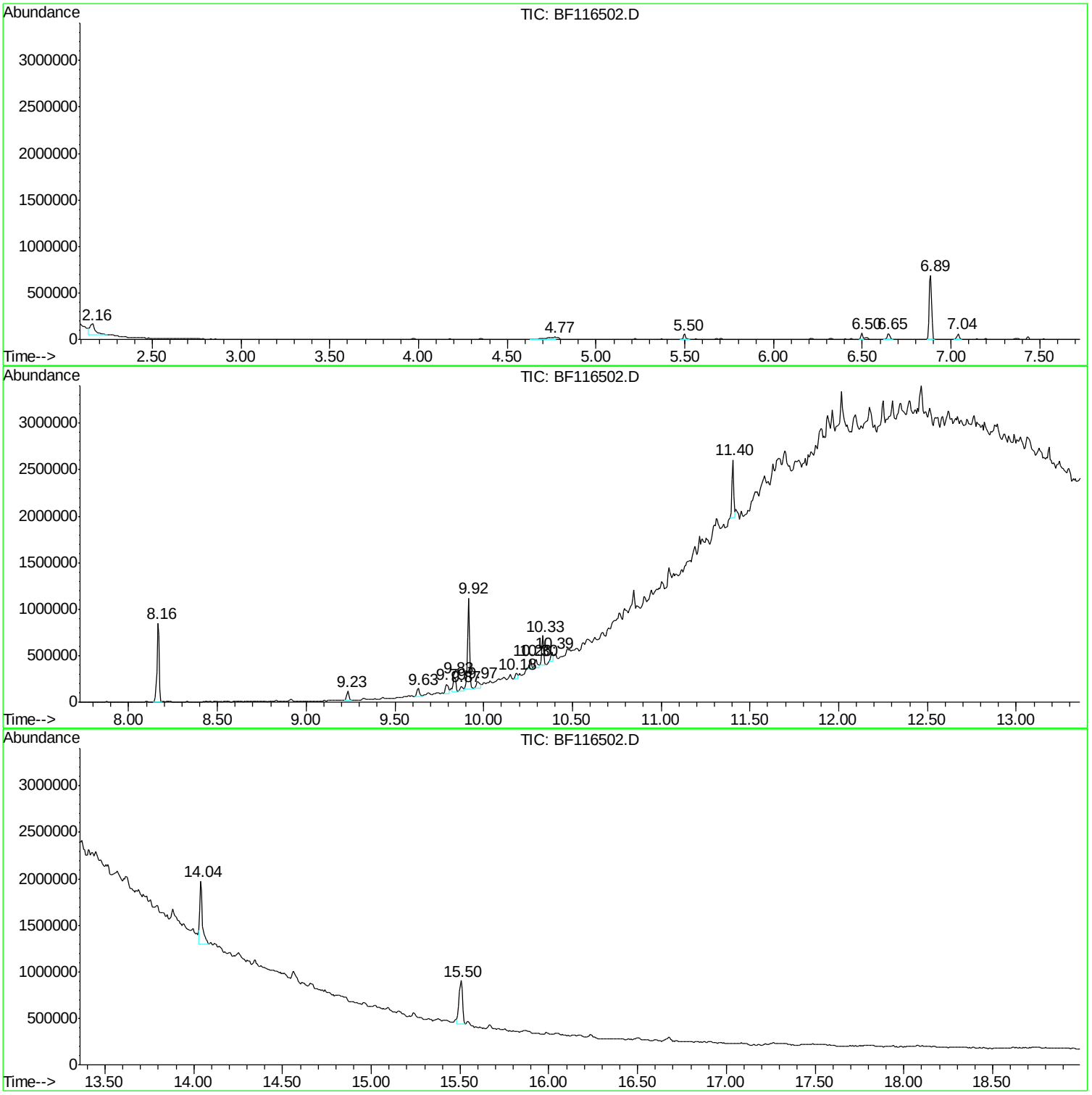
Operator : HP/JU
Sample : K4450-04 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-(A-C)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116502.D
Acq On : 24 Aug 2019 2:45
Operator : HP/JU
Sample : K4450-04 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-(A-C)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

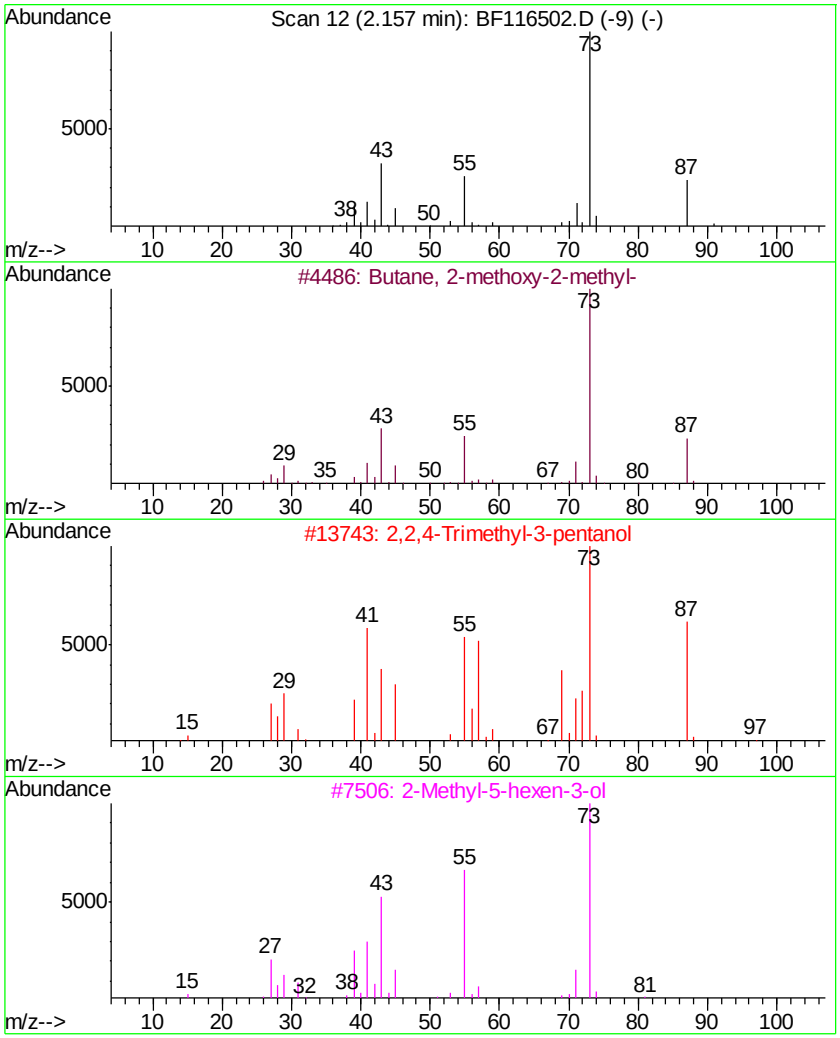
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

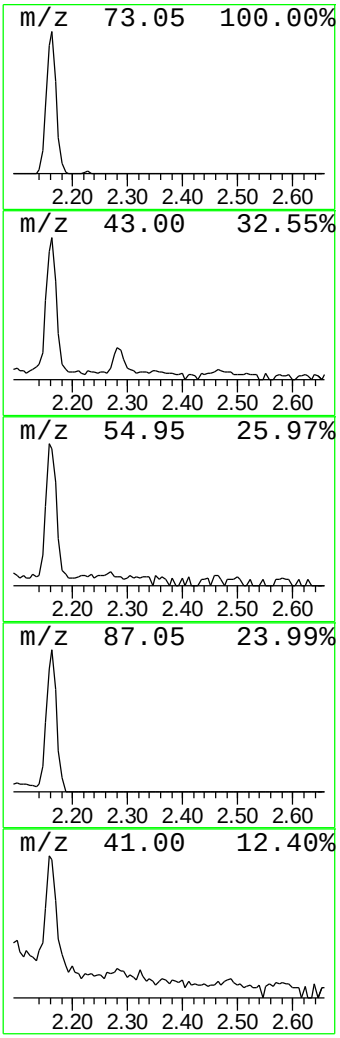
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	8.14 ng	243560	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116502.D
Acq On : 24 Aug 2019 2:45
Operator : HP/JU
Sample : K4450-04 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-(A-C)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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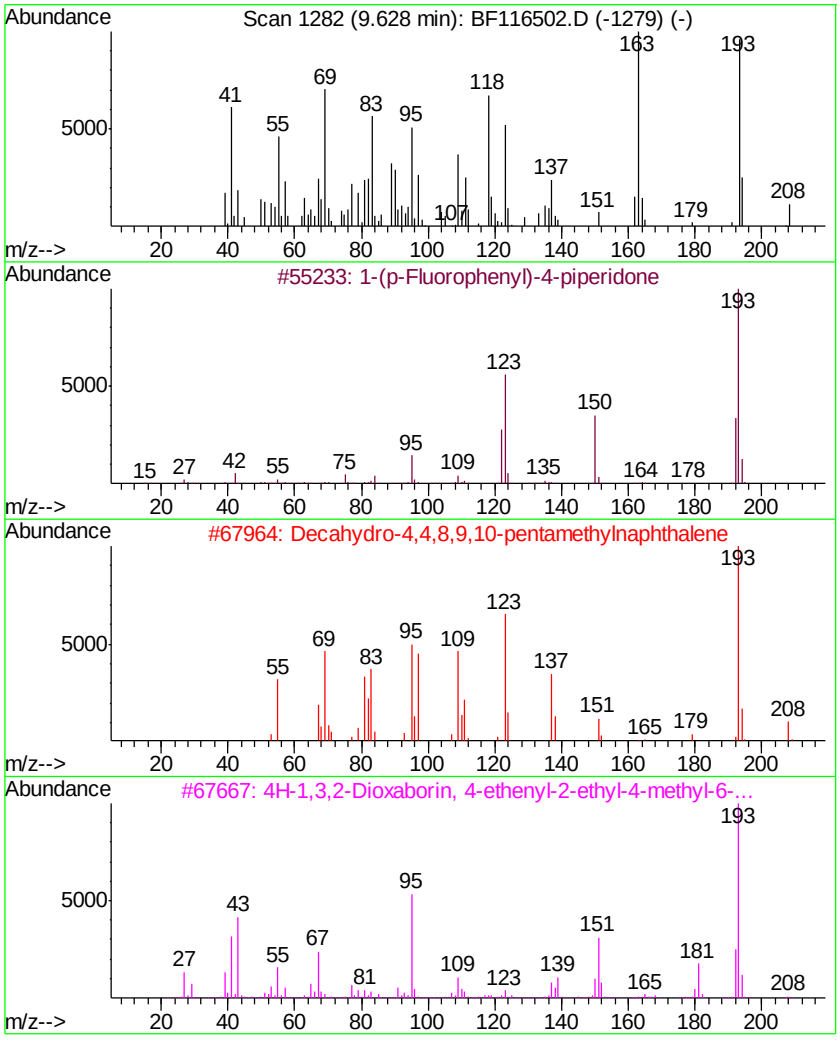
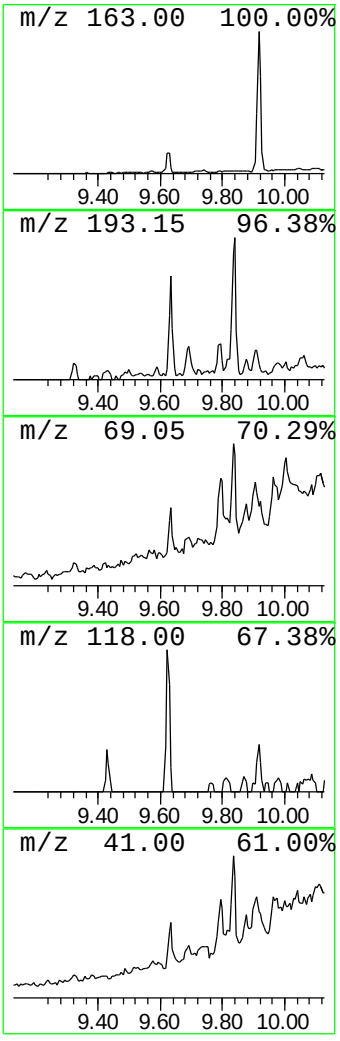
Peak Number 3 unknown9.63 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	2.48 ng	106055	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	43
3	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	38
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	37
5	Iminostilbene	193	C14H11N	000256-96-2	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116502.D
Acq On : 24 Aug 2019 2:45
Operator : HP/JU
Sample : K4450-04 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-(A-C)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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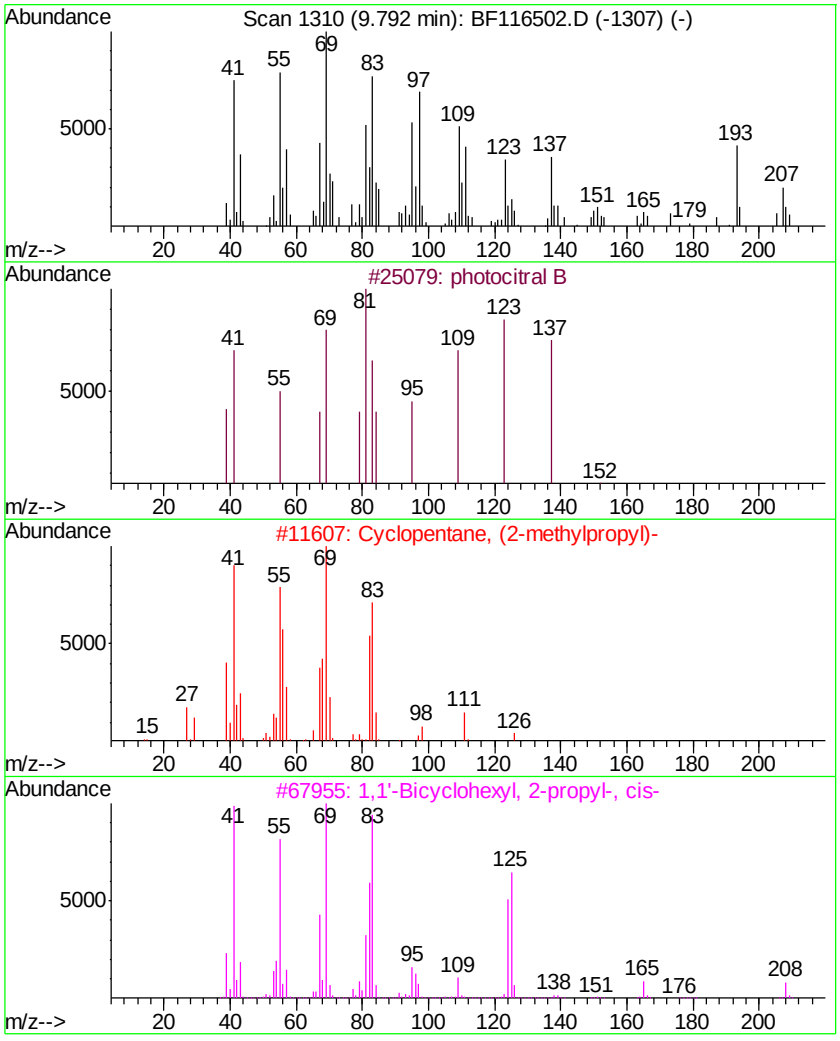
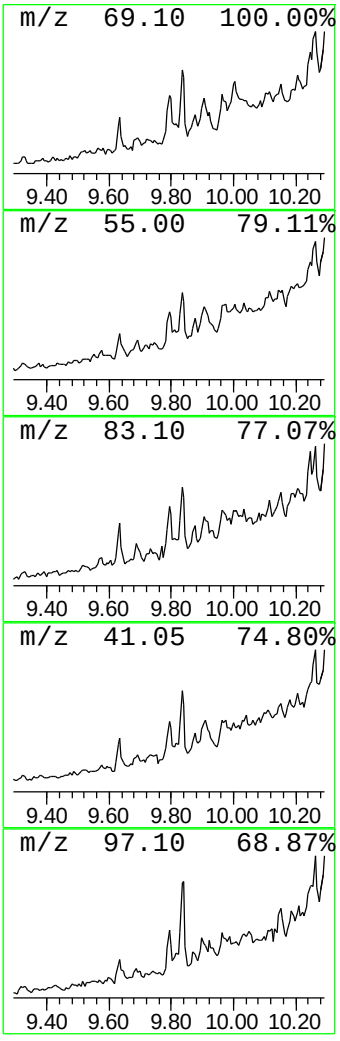
Peak Number 4 unknown9.79 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	2.41 ng	103238	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	photocitral B	152	C10H16O	006040-45-5	43
2	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	42
3	1,1'-Bicyclohexyl, 2-propyl-, cis-	208	C15H28	054934-88-2	41
4	But-2-enamide, N-(2-fluorophenyl...	193	C11H12FNO	1000308-23-4	27
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116502.D
Acq On : 24 Aug 2019 2:45
Operator : HP/JU
Sample : K4450-04 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-(A-C)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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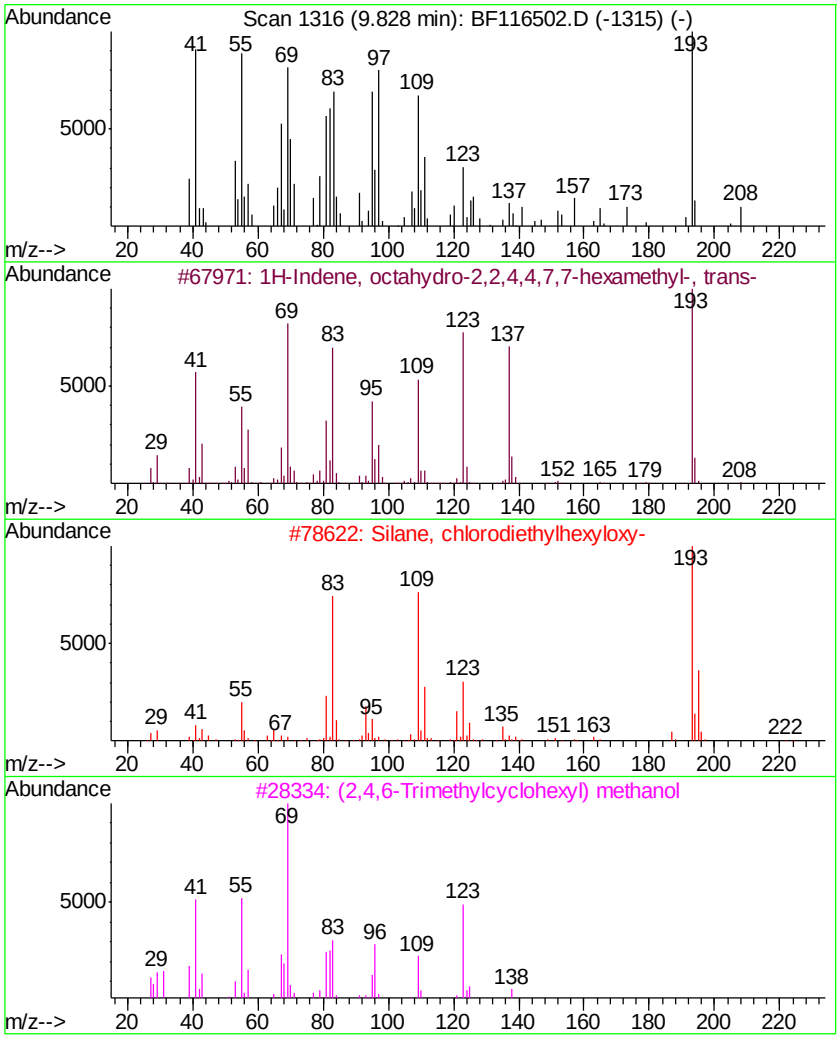
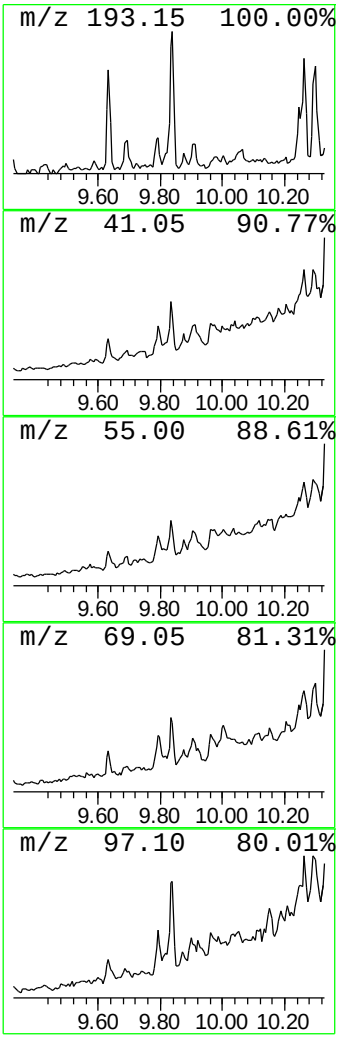
Peak Number 5 1H-Indene, octahydro-2,2,4,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	3.11 ng	133058	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	53
2	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	35
3	(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	27
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	25
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116502.D
Acq On : 24 Aug 2019 2:45
Operator : HP/JU
Sample : K4450-04 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-(A-C)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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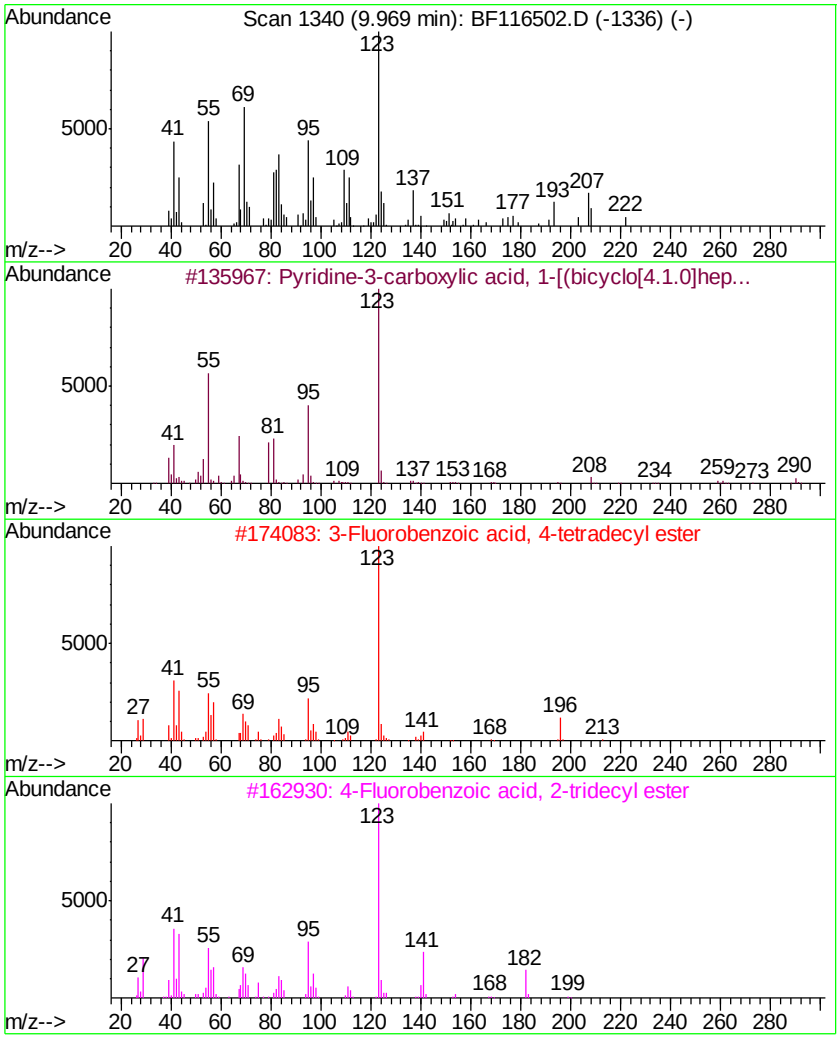
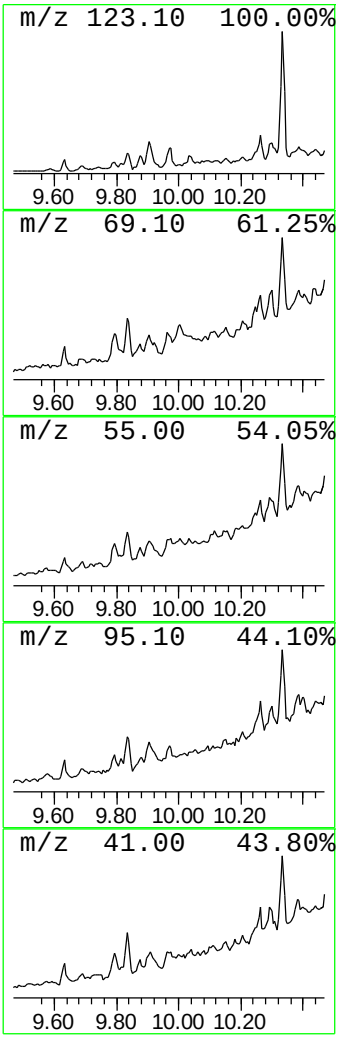
Peak Number 6 unknown9.97 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	2.15 ng	91999	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carboxylic acid, 1-[(...	290	C15H18N2O4	1000310-27-9	43
2	3-Fluorobenzoic acid, 4-tetradec...	336	C21H33FO2	1000280-60-6	38
3	4-Fluorobenzoic acid, 2-tridecyl...	322	C20H31FO2	1000280-67-8	38
4	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	37
5	4-Fluorobenzoic acid, 4-tridecyl...	322	C20H31FO2	1000280-68-0	37





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-(A-C)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

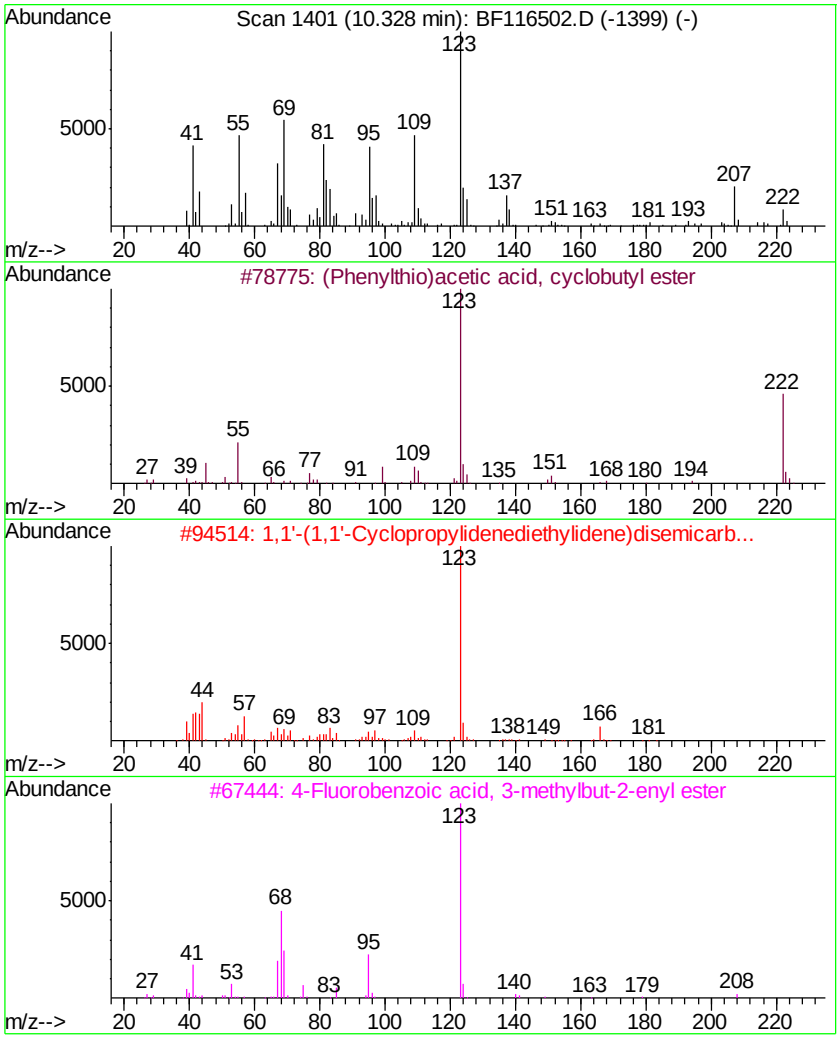
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

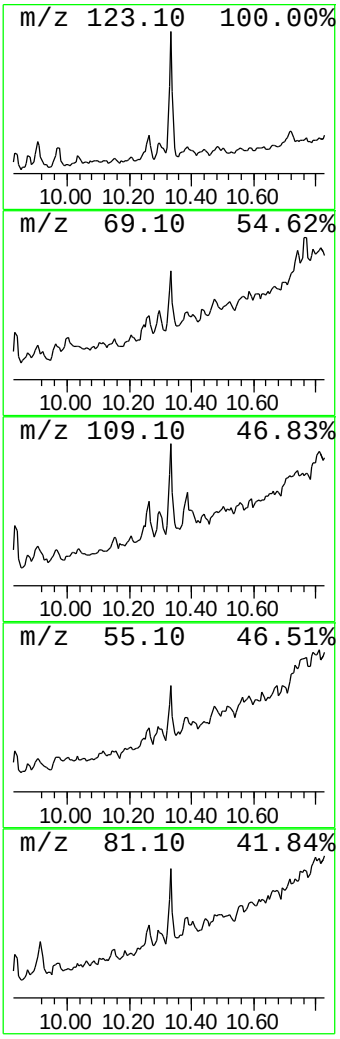
****

Peak Number 8 unknown10.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	5.76 ng	246278	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	38
2	1,1'-(1,1'-Cyclopropylidenedieth...	240	C9H16N6O2	083467-41-8	38
3	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-15-1	38
4	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	38
5	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	38





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

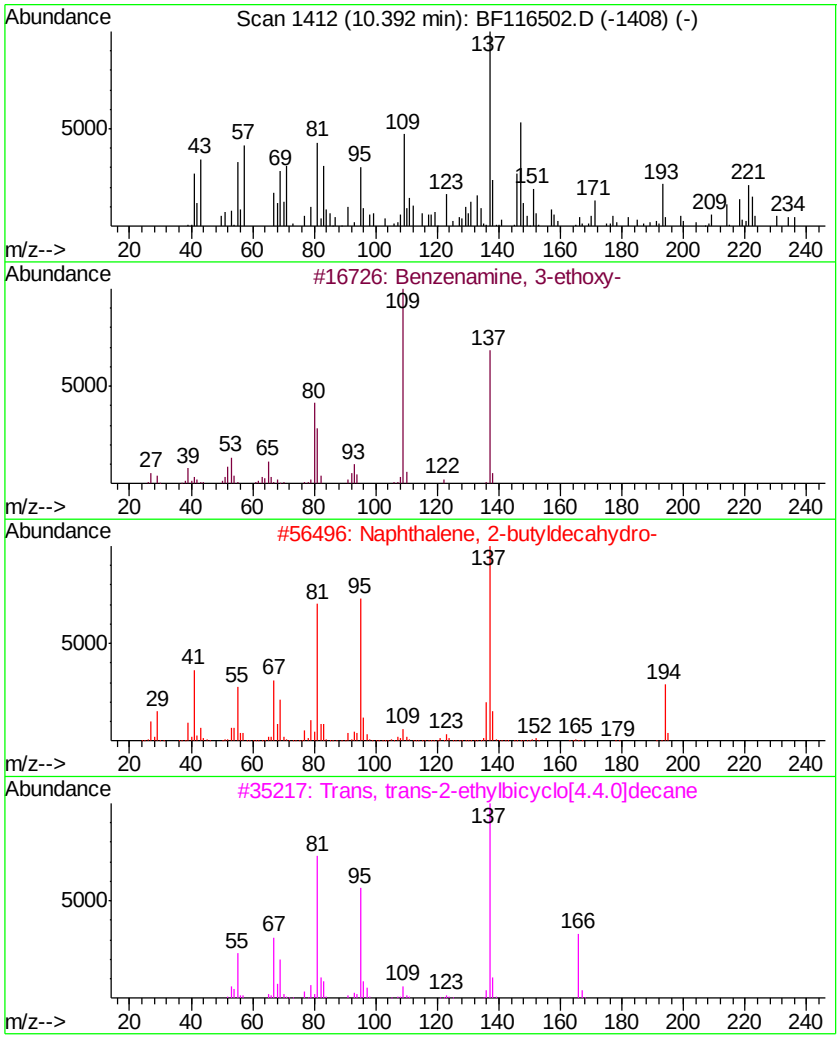
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

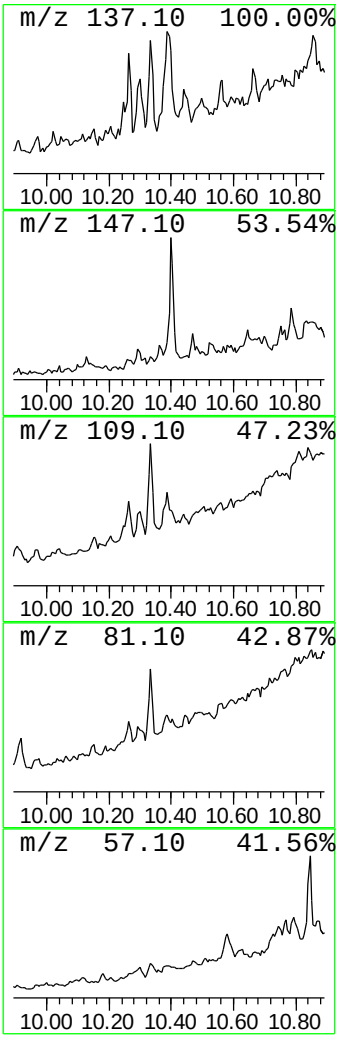
****

Peak Number 9 unknown10.39 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	2.27 ng	97267	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-ethoxy-	137	C8H11NO	000621-33-0	27
2	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	22
3	Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	22
4	1-Methyl-3-carbamoyl-1,4-dihydro...	138	C7H10N2O	017750-23-1	14
5	Pyrazole-4-carboxaldehyde, 1-eth...	138	C7H10N2O	1000273-81-2	14





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.16	8.1	ng	243560	1	6.89	598469	20.0
unknown9.63	9.63	2.5	ng	106055	3	9.92	855612	20.0
unknown9.79	9.79	2.4	ng	103238	3	9.92	855612	20.0
1H-Indene, octahy...	9.83	3.1	ng	133058	3	9.92	855612	20.0
unknown9.97	9.97	2.1	ng	91999	3	9.92	855612	20.0
unknown10.33	10.33	5.8	ng	246278	3	9.92	855612	20.0
unknown10.39	10.39	2.3	ng	97267	3	9.92	855612	20.0