LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083302.D
Acq On : 26 Nov 2015 6:41
Operator : UM/IZ
Sample : G4553-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 112115-A263-E-U-B

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-BF112115.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	3.976	171	174	179	rBV	71875	140682	3.36%	0.465%
2	4.707	235	238	246	rBV	641707	920655	21.96%	3.045%
3	5.187	278	280	291	rBV	1636736	1721356	41.06%	5.694%
4	5.576	312	314	321	rVB	72059	108696	2.59%	0.360%
5	6.261	370	374	381	rBV	1052786	1145720	27.33%	3.790%
6	6.364	381	383	386	rBV	3102880	2706016	64.55%	8.951%
7	6.593	401	403	405	rBV	825817	872784	20.82%	2.887%
8	6.753	414	417	419	rBV	2602504	3516544	83.88%	11.633%
9	7.164	450	453	455	rBV	3026228	3002568	71.62%	9.932%
10	7.884	513	516	518	rBV	762308	986074	23.52%	3.262%
11	8.959	608	610	613	rBV	4209798	4192155	100.00%	13.867%
12	9.622	666	668	671	rBV	698850	932711	22.25%	3.085%
13	10.410	735	737	740	rBV2	1485700	1615002	38.52%	5.342%
14	11.096	795	797	800	rBV2	741240	889968	21.23%	2.944%
15	11.656	843	846	854	rBV	314662	441802	10.54%	1.461%
16	12.113	883	886	888	rBV	35673	43565	1.04%	0.144%
17	12.365	901	908	913	rBV	320358	889464	21.22%	2.942%
18	12.445	913	915	918	rVB	169498	280206	6.68%	0.927%
19	12.685	934	936	939	rVB	3195786	3688431	87.98%	12.201%
20	12.765	941	943	948	rVV2	73274	164864	3.93%	0.545%
21	12.845	948	950	954	rVB3	34028	55417	1.32%	0.183%
22	13.599	1015	1016	1024	rVB3	32074	55392	1.32%	0.183%
23	13.725	1024	1027	1030	rBV	1189441	1123264	26.79%	3.716%
24	15.074	1143	1145	1148	rBV	571550	736955	17.58%	2.438%

Sum of corrected areas: 30230291

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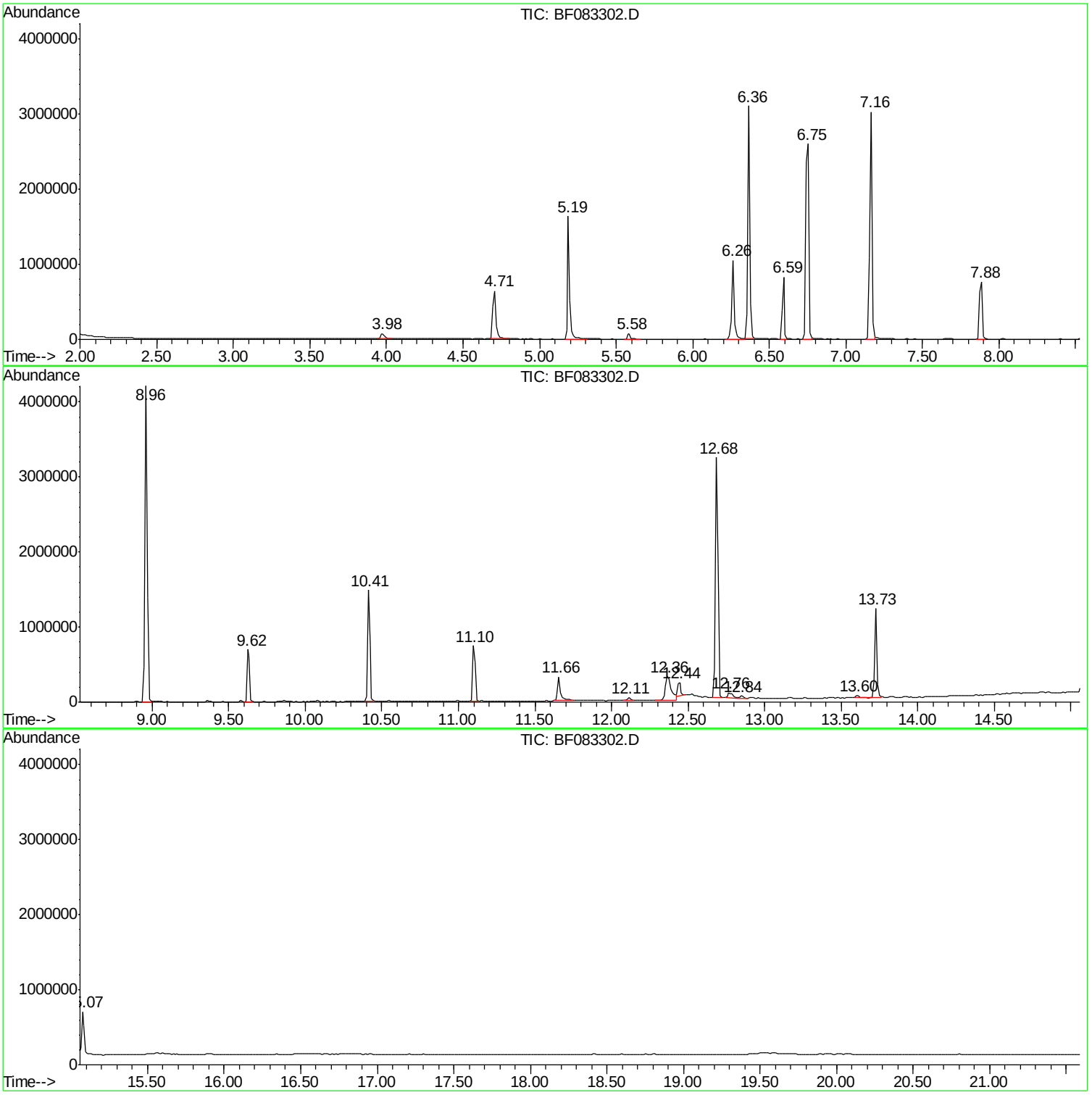
Instrument :
BNA_F
ClientSampleId :
112115-A263-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083302.D
Acq On : 26 Nov 2015 6:41
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Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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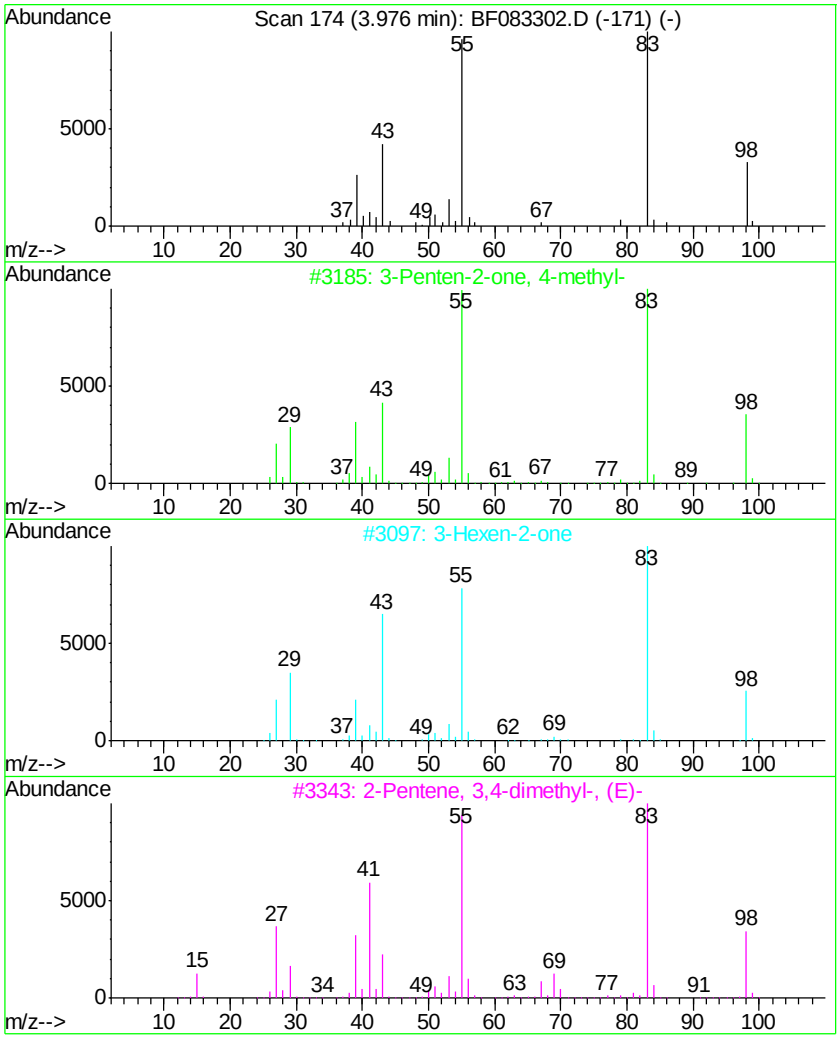
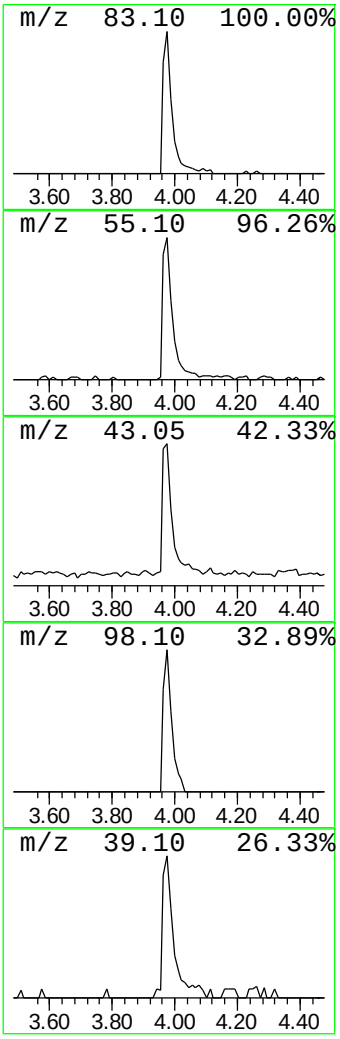
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	3.22 ng	140682	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	78





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Operator : UM/IZ
Sample : G4553-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 112115-A263-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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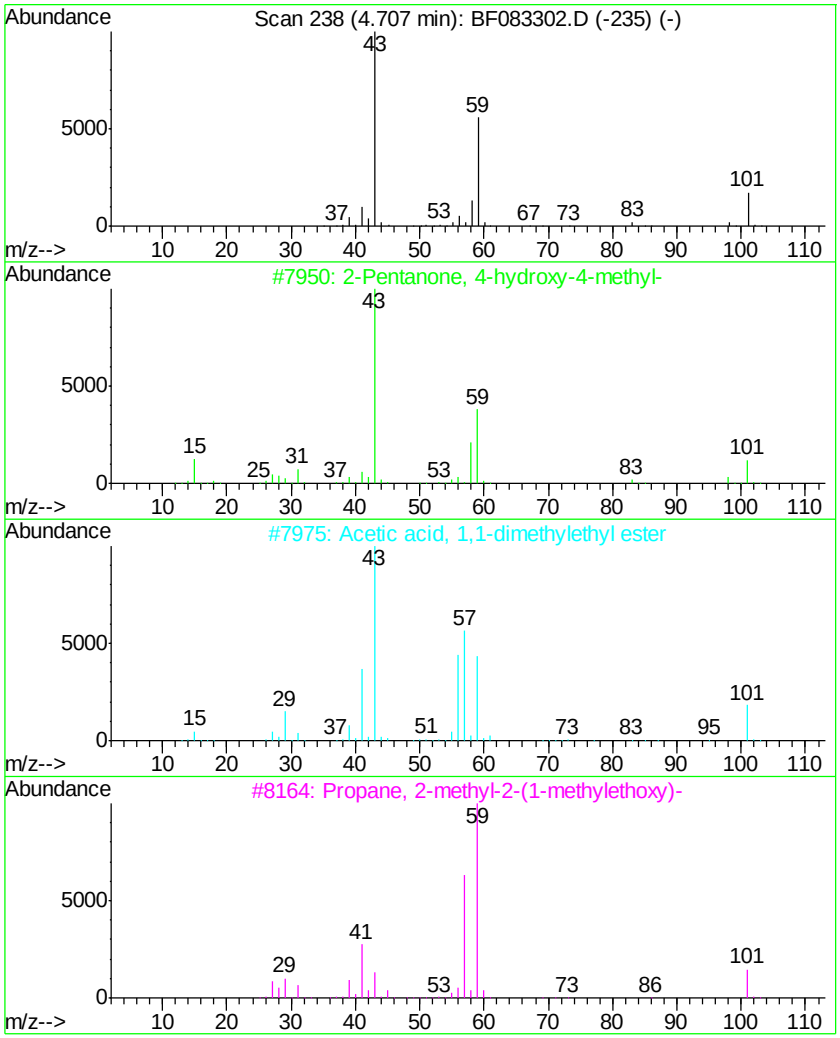
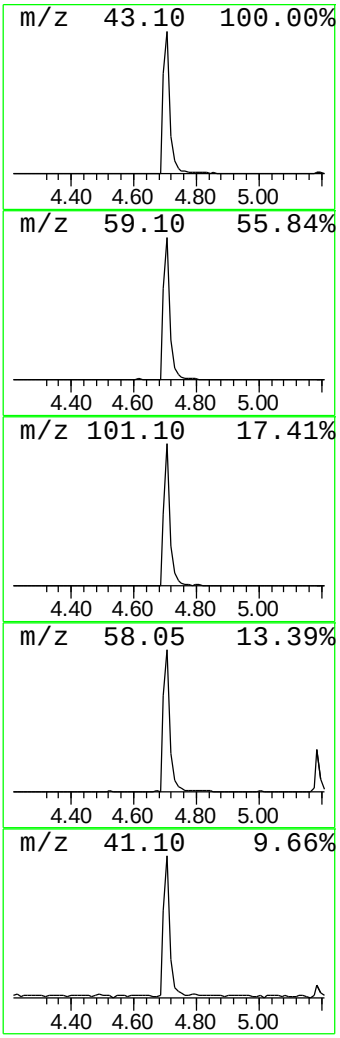
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	21.10 ng	920655	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
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	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Data File : BF083302.D
Acq On : 26 Nov 2015 6:41
Operator : UM/IZ
Sample : G4553-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 112115-A263-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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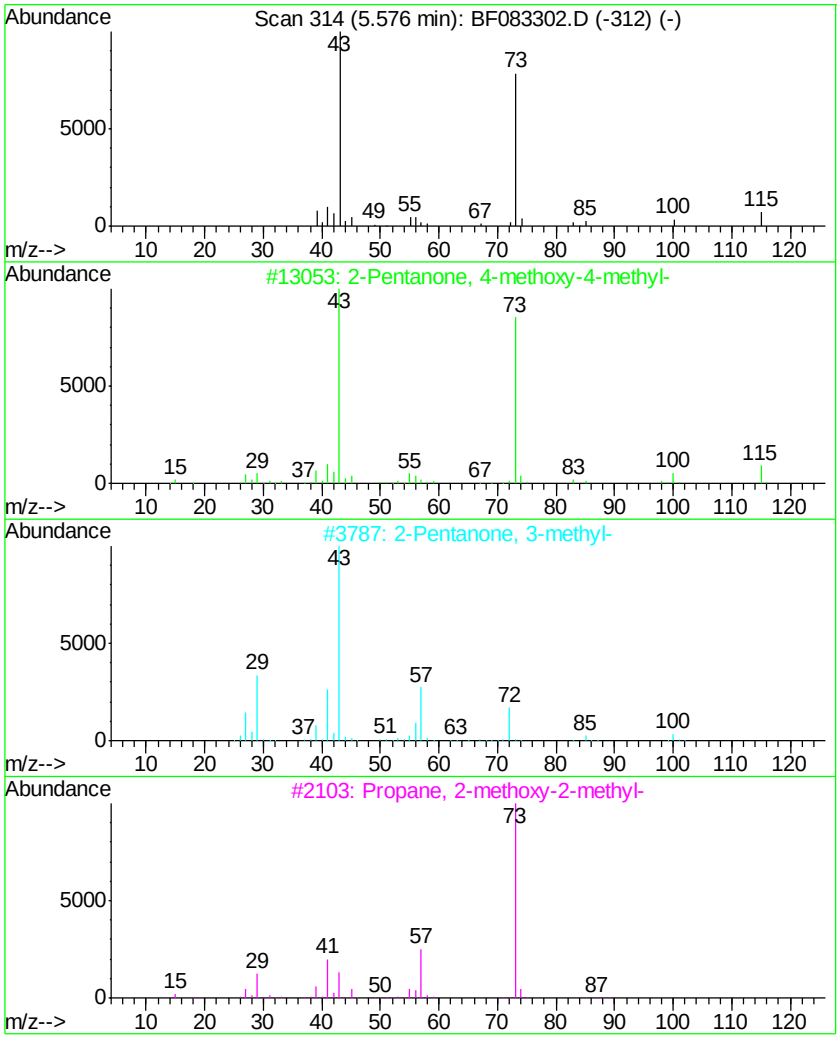
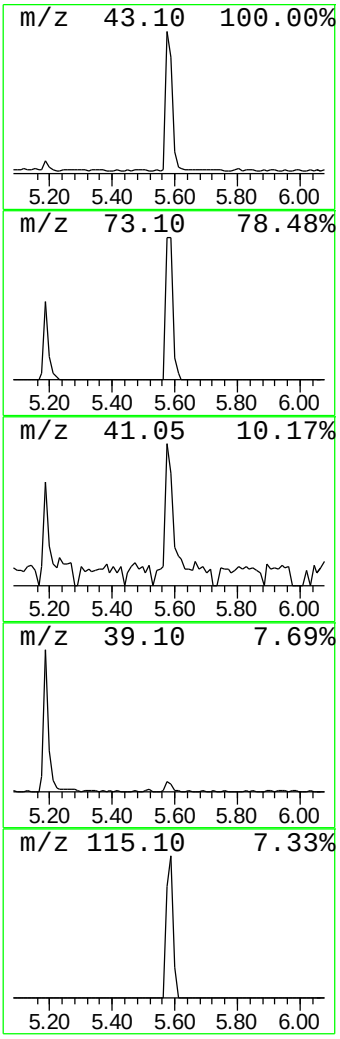
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	2.49 ng	108696	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	35
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	17
4	Ethanone, 1-(3-ethyloxiranyl)-	114	C6H10O2	017257-81-7	10
5	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9





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Data File : BF083302.D
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Operator : UM/IZ
Sample : G4553-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 112115-A263-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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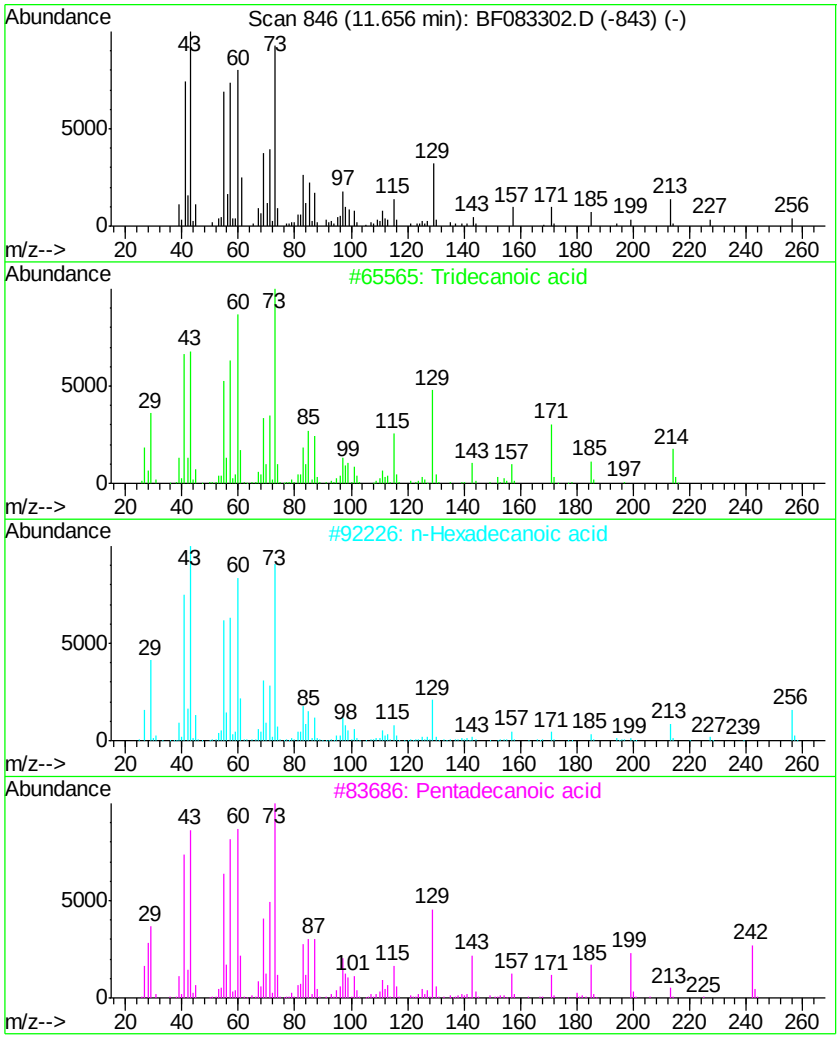
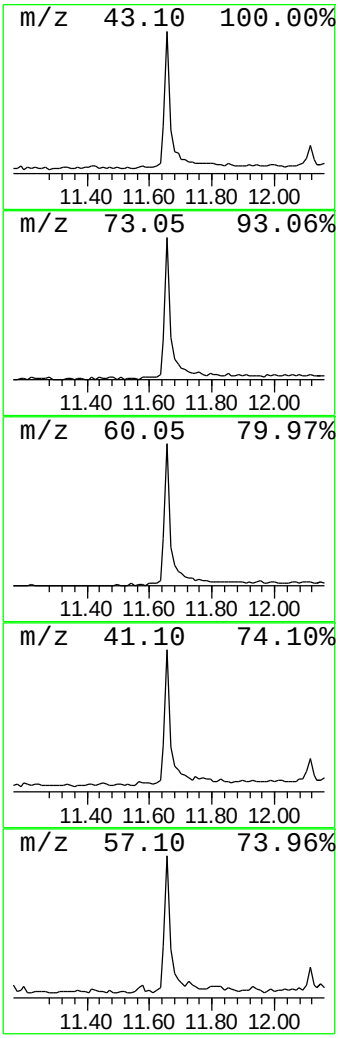
Peak Number 6 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	9.93 ng	441802	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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Operator : UM/IZ
Sample : G4553-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 112115-A263-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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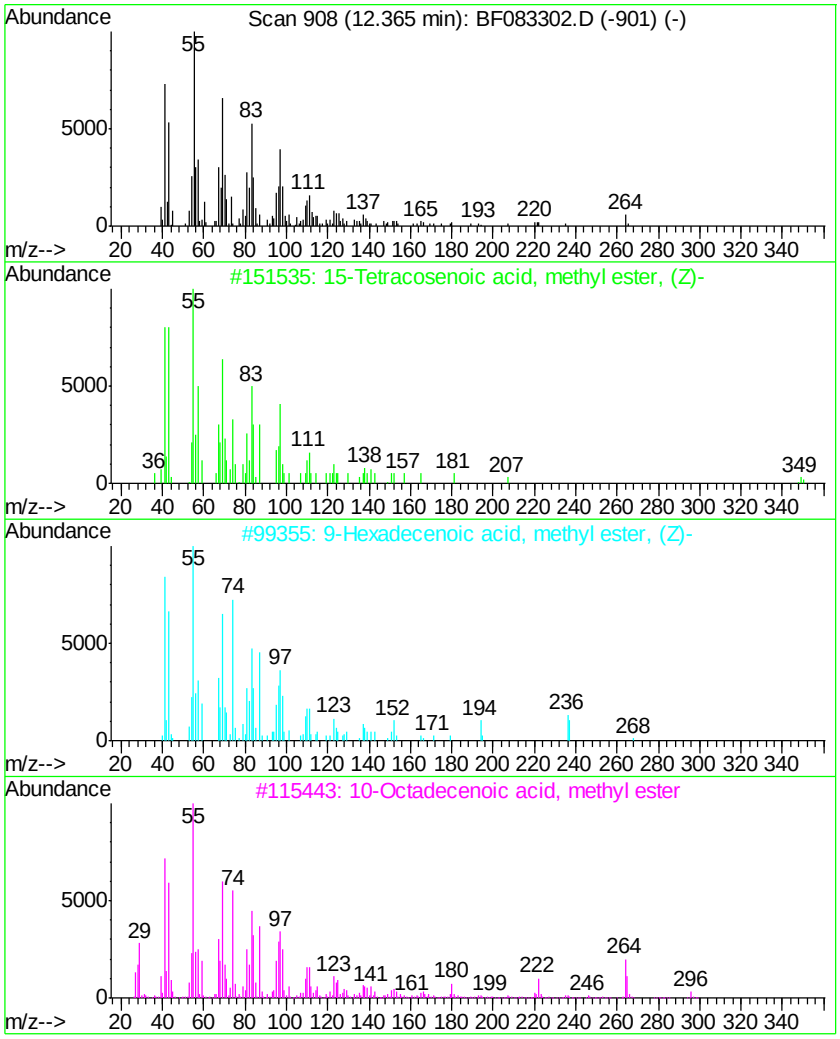
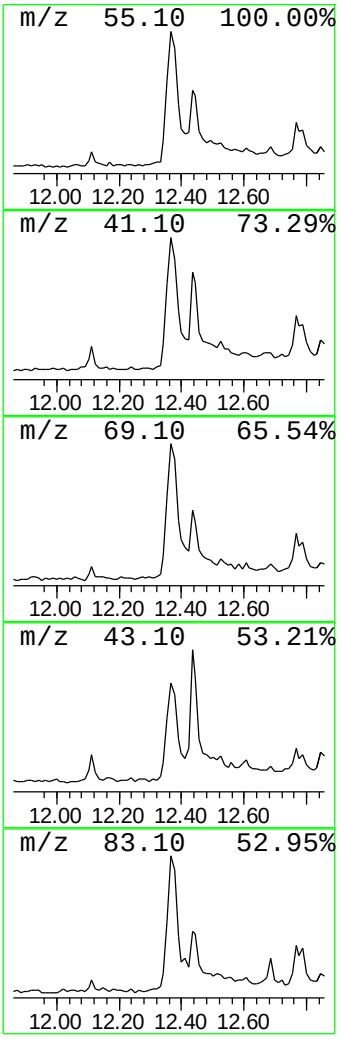
Peak Number 7 15-Tetracosenoic acid, meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	19.99 ng	889464	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	74
2	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	72
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	64
4	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	62
5	1-Pentadecanol	228	C15H32O	000629-76-5	58





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Sample : G4553-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 112115-A263-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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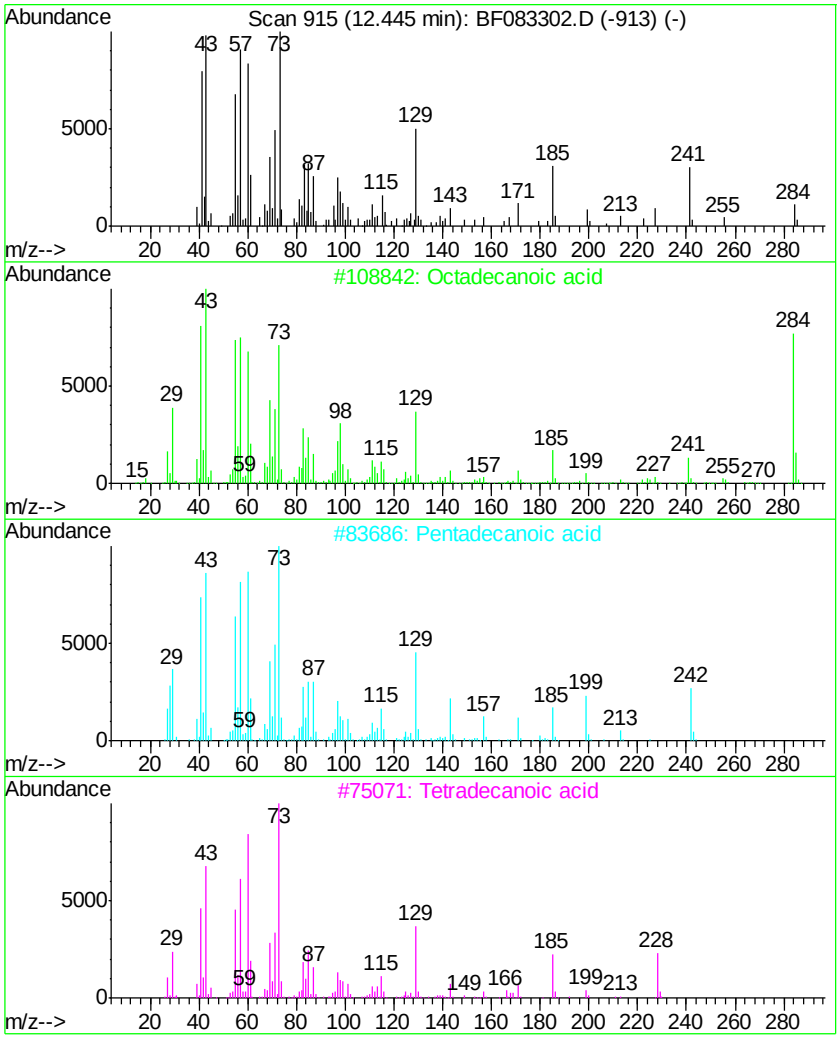
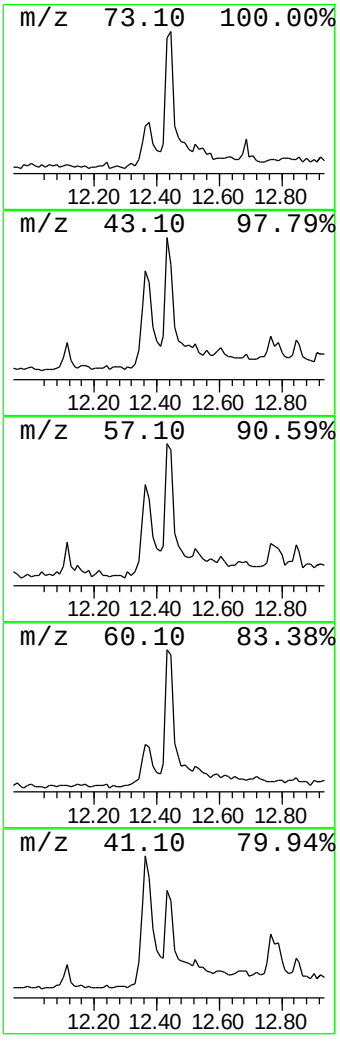
Peak Number 8 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	4.99 ng	280206	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Undecanoic acid	186	C11H22O2	000112-37-8	43
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38





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Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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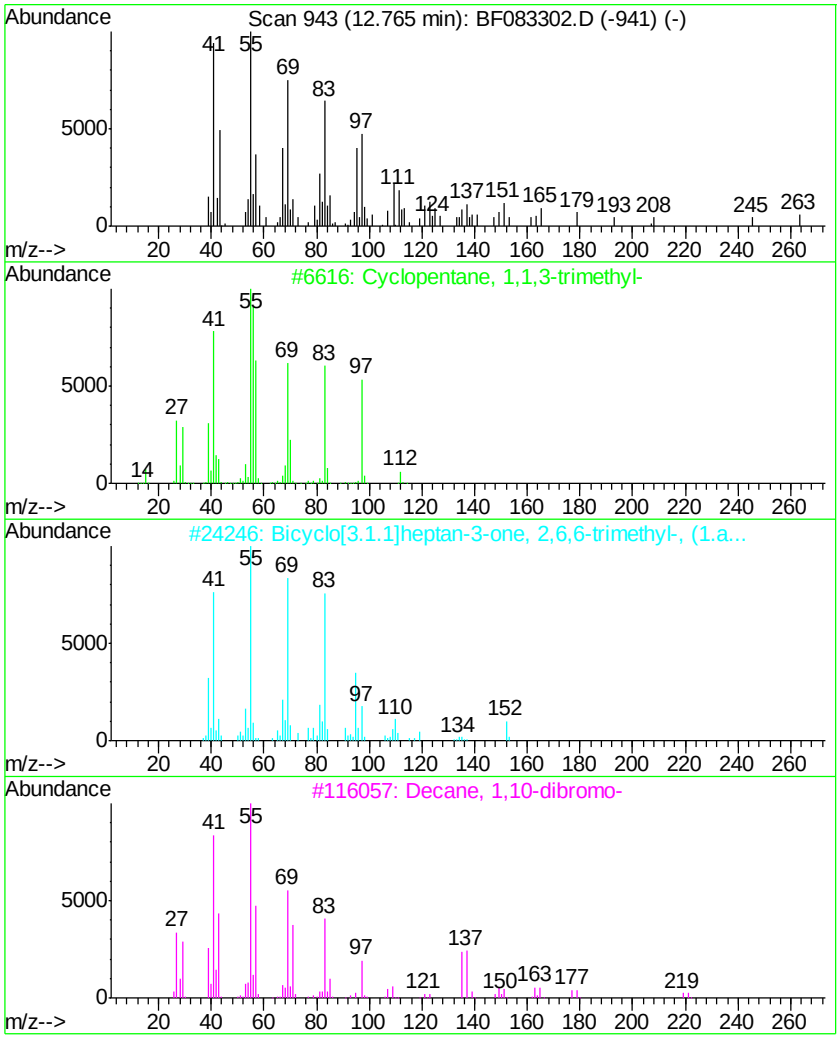
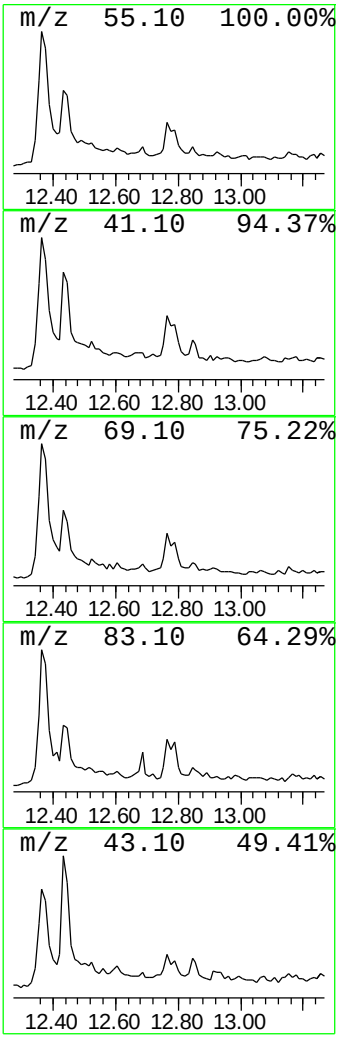
Peak Number 9 unknown12.77 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.94 ng	164864	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	49
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
3	Decane, 1,10-dibromo-	298	C10H20Br2	004101-68-2	38
4	Cyclopropane, 1,1-dimethyl-2-(1-...	124	C9H16	074779-84-3	27
5	2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	27





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...	3.98	3.2	ng	140682	1	6.59	872784	20.0
2-Pentanone, 4-hy...	4.71	21.1	ng	920655	1	6.59	872784	20.0
2-Pentanone, 4-me...	5.58	2.5	ng	108696	1	6.59	872784	20.0
Tridecanoic acid	11.66	9.9	ng	441802	4	11.10	889968	20.0
15-Tetracosenoic ...	12.36	20.0	ng	889464	4	11.10	889968	20.0
Octadecanoic acid	12.44	5.0	ng	280206	5	13.73	1123260	20.0
unknown12.77	12.77	2.9	ng	164864	5	13.73	1123260	20.0