LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082814.D
Acq On : 8 Nov 2015 1:07
Operator : UM/IZ
Sample : G4280-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSL-001

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-BF110715.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	3.413	113	116	121	rVB	96308	170963	2.59%	0.312%
2	4.384	198	201	204	rBV	2541676	4079647	61.82%	7.441%
3	4.704	227	229	232	rBV	78601	85449	1.29%	0.156%
4	5.036	254	258	264	rBV	1040029	1589073	24.08%	2.899%
5	5.470	293	296	298	rBV	5342011	5630819	85.32%	10.271%
6	6.499	382	386	388	rBV	3851498	5382379	81.55%	9.818%
7	6.624	394	397	399	rBV	5987581	5749494	87.12%	10.487%
8	6.853	414	417	419	rBV	1382286	1275870	19.33%	2.327%
9	7.013	428	431	433	rBV	4441499	4744501	71.89%	8.654%
10	7.413	463	466	469	rBV	3357313	3521635	53.36%	6.424%
11	8.133	527	529	532	rBV	1522440	1515916	22.97%	2.765%
12	9.219	621	624	626	rBV	7042803	6599698	100.00%	12.038%
13	9.893	680	683	685	rBV	1938260	1717080	26.02%	3.132%
14	10.682	749	752	754	rBV	3672322	3714616	56.28%	6.776%
15	11.368	810	812	815	rBV2	1217192	1441930	21.85%	2.630%
16	12.796	935	937	939	rBV	315066	310362	4.70%	0.566%
17	12.865	939	943	945	rVB2	50135	71518	1.08%	0.130%
18	12.968	949	952	954	rBV	3918360	4655075	70.53%	8.491%
19	13.494	996	998	1001	rBV	165770	222648	3.37%	0.406%
20	14.008	1040	1043	1045	rBV	1385369	1233483	18.69%	2.250%
21	15.437	1165	1168	1171	rBV	870079	1025912	15.54%	1.871%
22	16.157	1228	1231	1234	rVB2	55238	85662	1.30%	0.156%

Sum of corrected areas: 54823730

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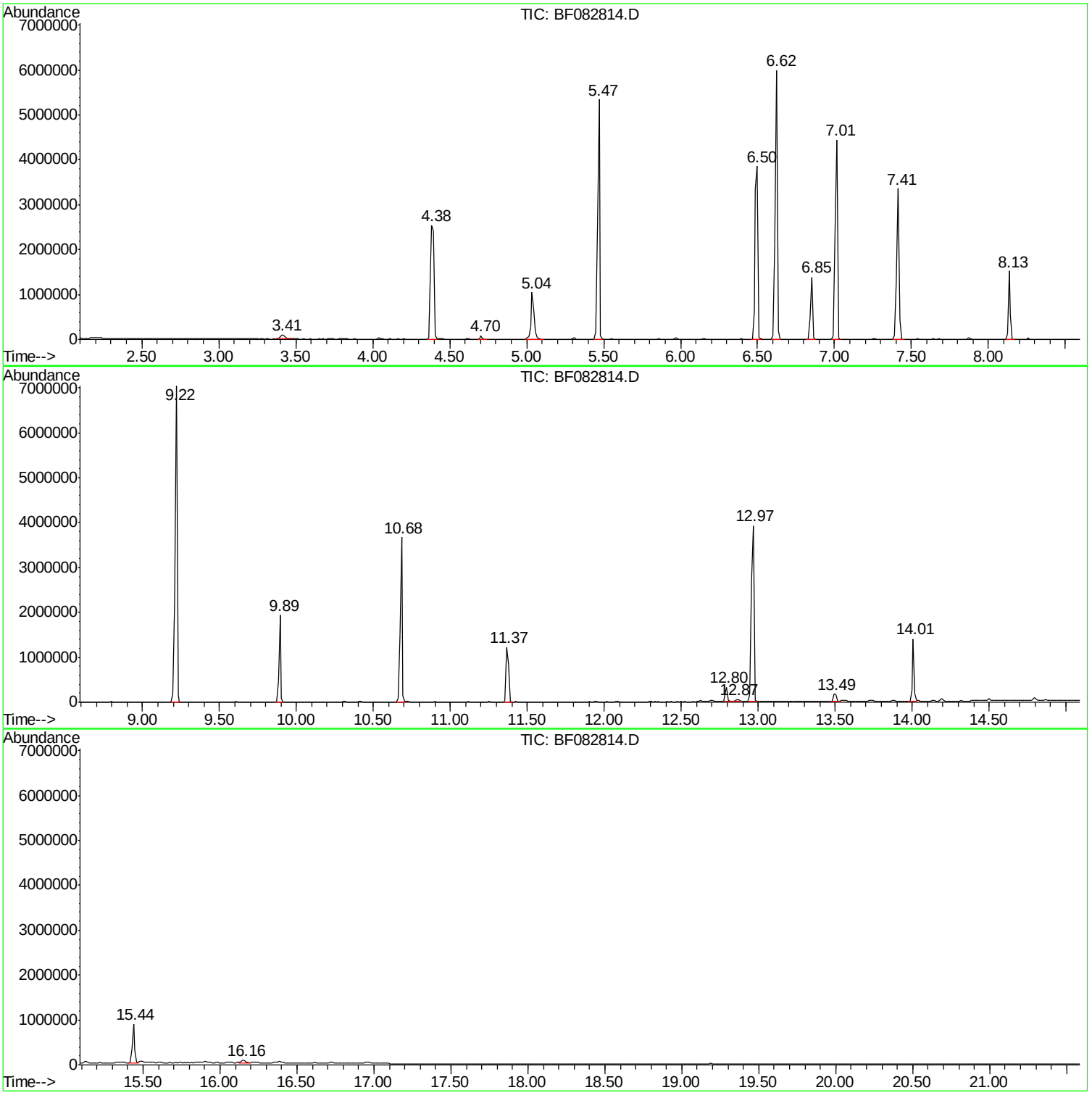
Instrument : BNA_F
ClientSampleId : BSL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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TIC Library : C:\DATABASE\NIST02.L
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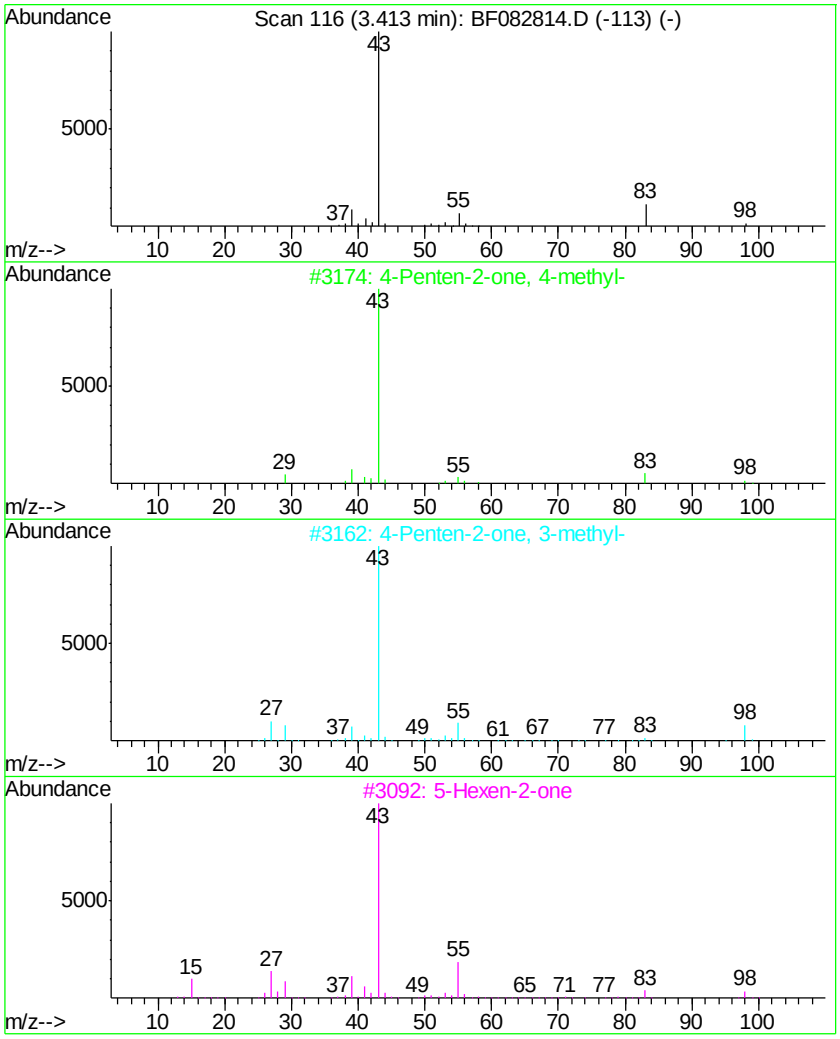
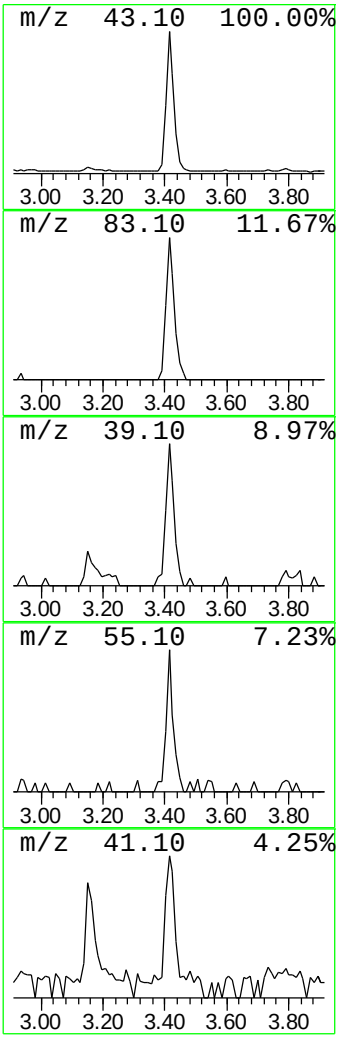
Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.41	2.68 ng	170963	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	59
2	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	38
3	5-Hexen-2-one	98	C6H10O	000109-49-9	36
4	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	23
5	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9





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Operator : UM/IZ
Sample : G4280-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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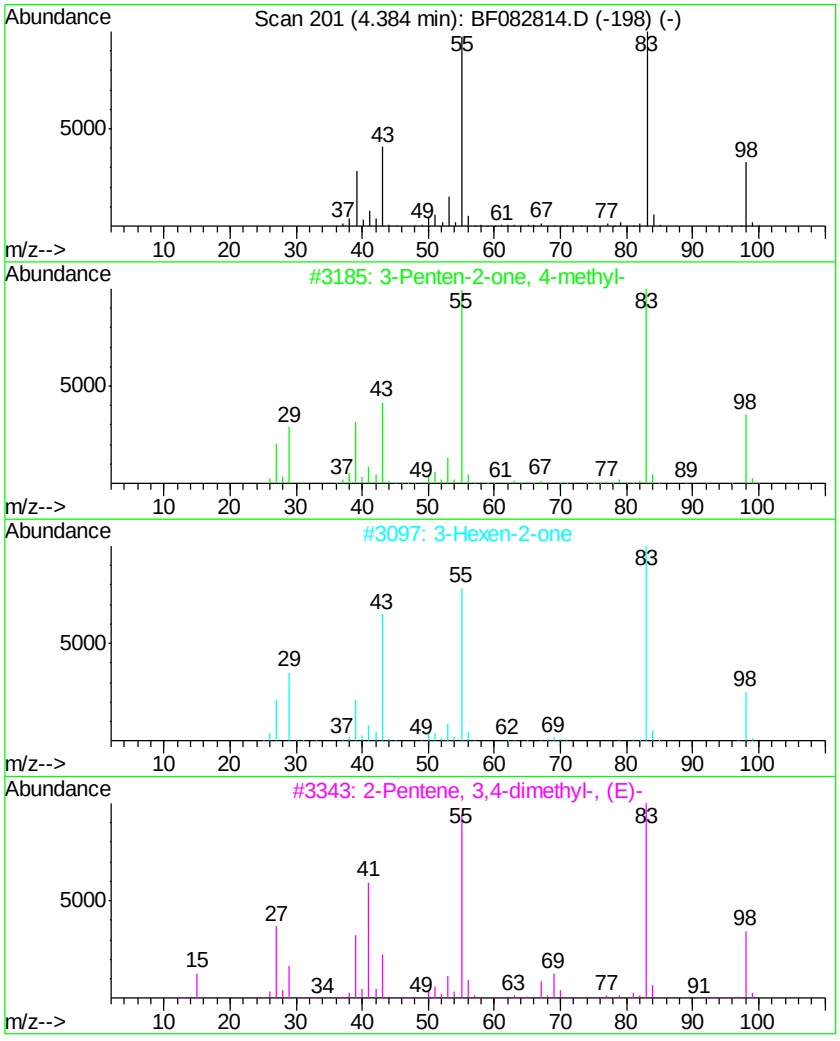
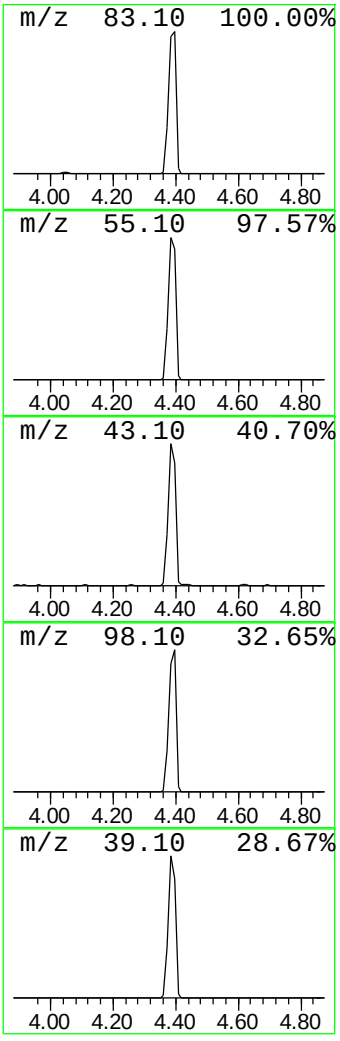
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	63.95 ng	4079650	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86





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Data File : BF082814.D
Acq On : 8 Nov 2015 1:07
Operator : UM/IZ
Sample : G4280-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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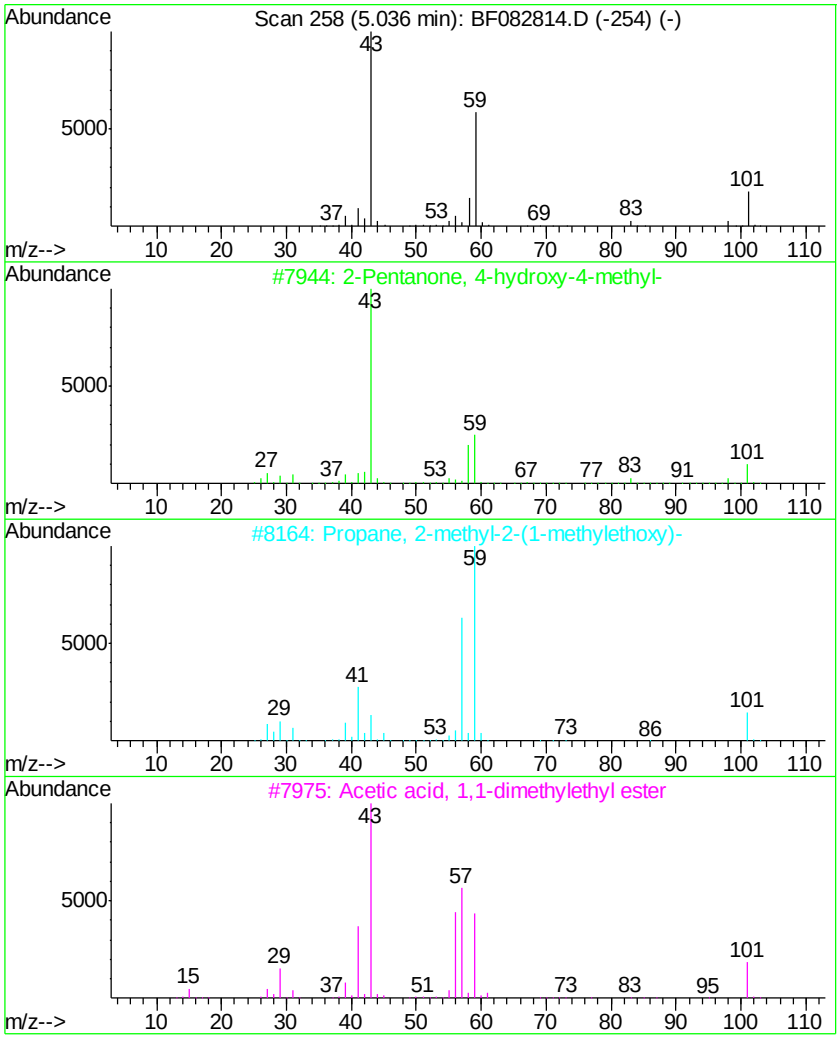
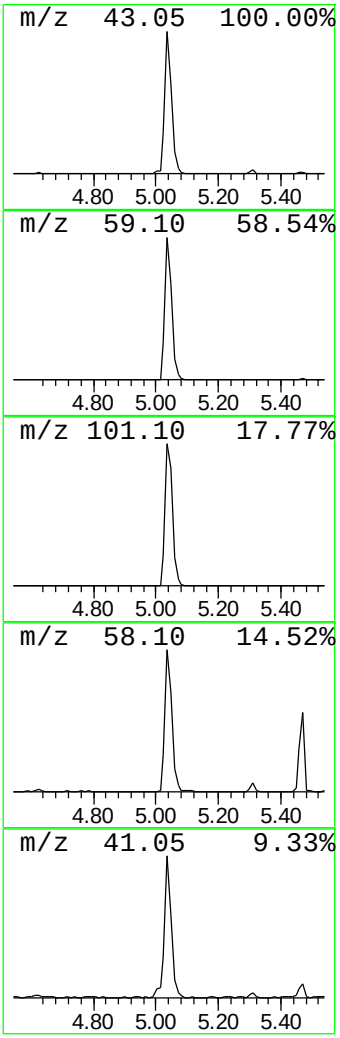
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	24.91 ng	1589070	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





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Operator : UM/IZ
Sample : G4280-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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TIC Library : C:\DATABASE\NIST02.L
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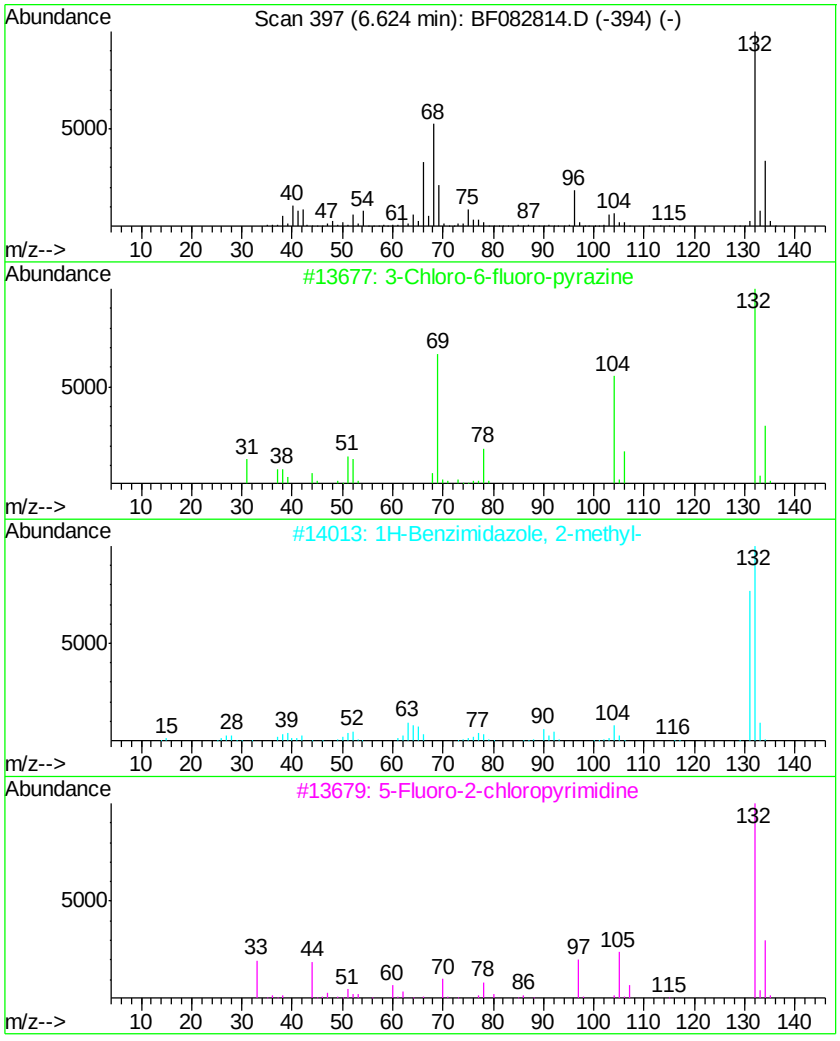
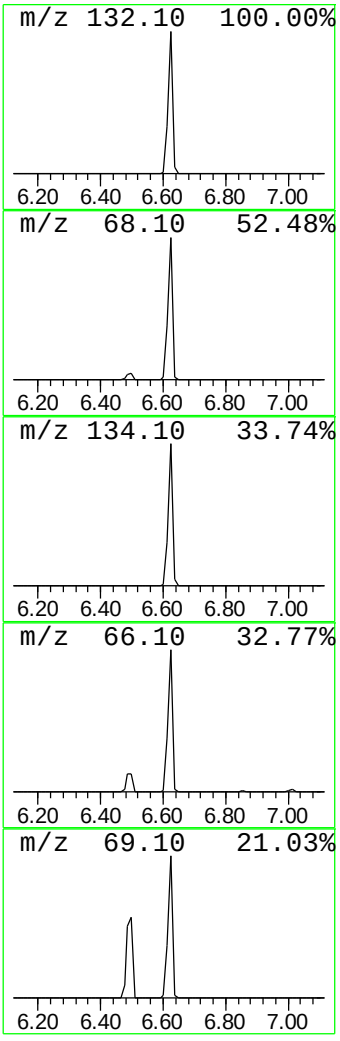
Peak Number 4 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	90.13 ng	5749490	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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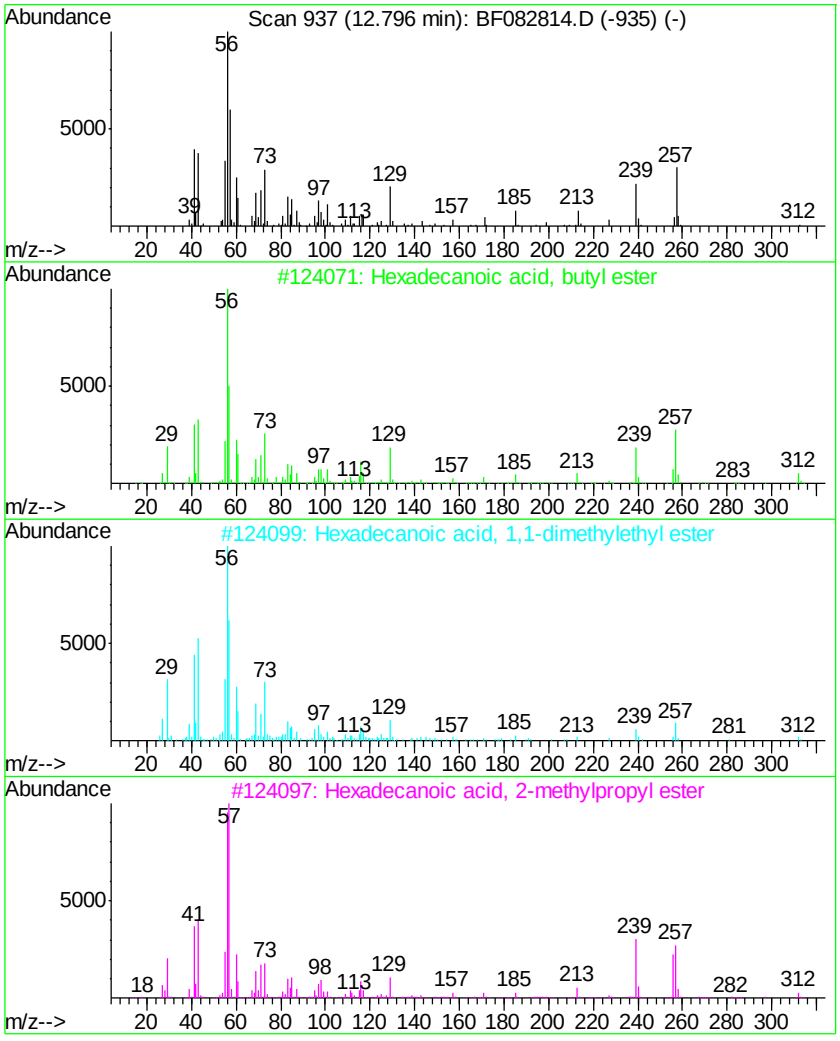
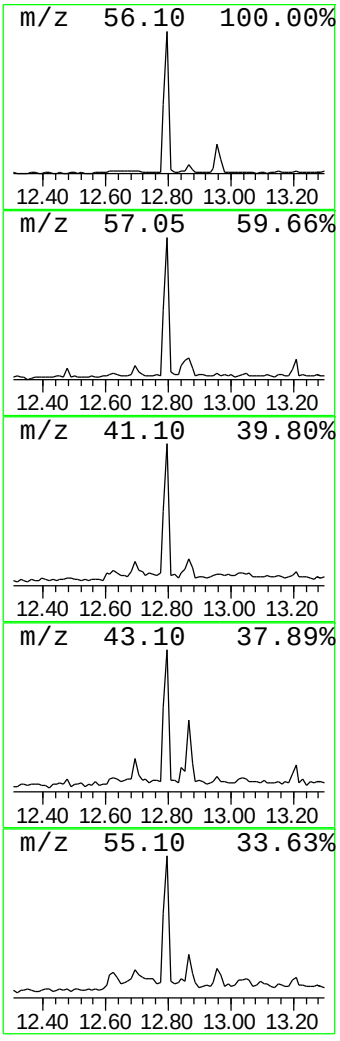
Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	5.03 ng	310362	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	32
4	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	30
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
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Acq On : 8 Nov 2015 1:07
Operator : UM/IZ
Sample : G4280-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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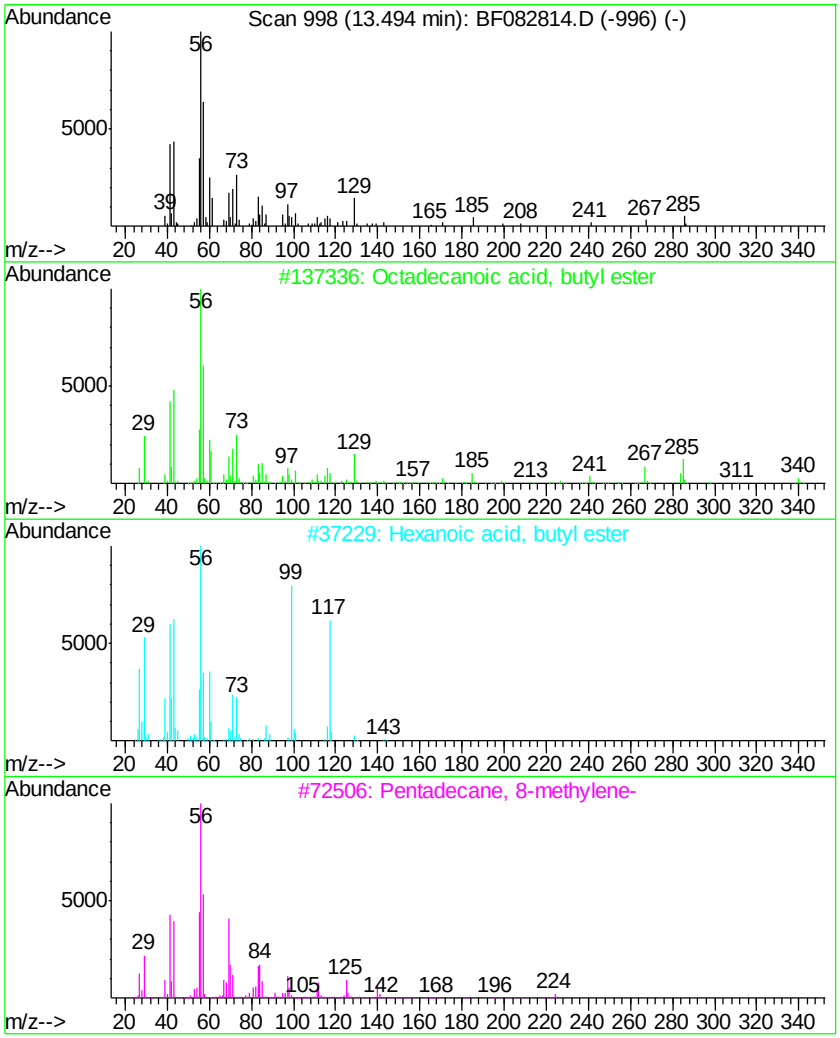
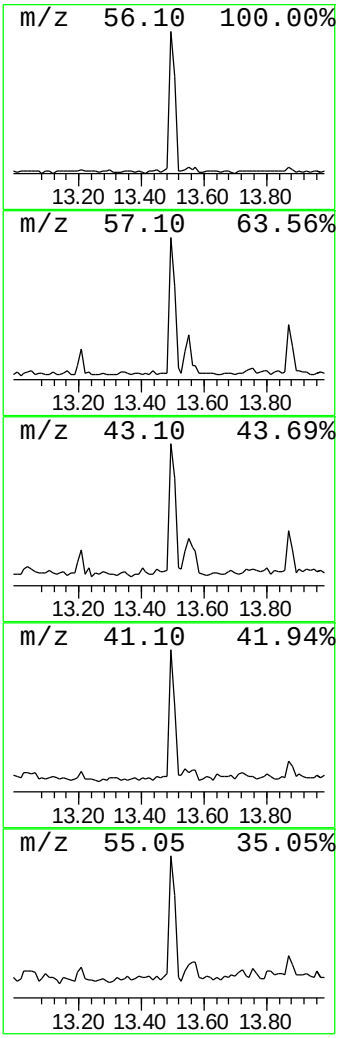
Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	3.61 ng	222648	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	72
2	Hexanoic acid, butyl ester	172	C10H20O2	000626-82-4	45
3	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37
4	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	35
5	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	32





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
4-Penten-2-one, 4...	3.41	2.7	ng	170963	1	6.85	1275870	20.0
3-Penten-2-one, 4...	4.38	64.0	ng	4079650	1	6.85	1275870	20.0
2-Pentanone, 4-hy...	5.04	24.9	ng	1589070	1	6.85	1275870	20.0
unknown6.62	6.62	90.1	ng	5749490	1	6.85	1275870	20.0
Hexadecanoic acid...	12.80	5.0	ng	310362	5	14.01	1233480	20.0
Octadecanoic acid...	13.49	3.6	ng	222648	5	14.01	1233480	20.0