LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095635.D
Acq On : 2 Jun 2017 15:48
Operator : SJ/MA
Sample : I3415-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-CONCRETE-BATCH-12

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-BF050217.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	2.622	155	159	178	rVB	71943	160404	2.09%	0.662%
2	3.846	351	367	370	rBV	2367698	7675947	100.00%	31.668%
3	4.816	519	532	535	rBV	1277378	3449686	44.94%	14.232%
4	7.110	919	922	941	rBV	131407	408937	5.33%	1.687%
5	7.240	941	944	957	rVB	83065	127993	1.67%	0.528%
6	7.534	991	994	1008	rBV	366535	506410	6.60%	2.089%
7	7.769	1030	1034	1055	rBV	1085384	1550302	20.20%	6.396%
8	8.110	1089	1092	1113	rBV	37106	99942	1.30%	0.412%
9	8.445	1145	1149	1177	rBV	684127	1178725	15.36%	4.863%
10	9.569	1336	1340	1366	rBV	468795	723582	9.43%	2.985%
11	11.345	1636	1642	1658	rBV	1803982	2398681	31.25%	9.896%
12	12.039	1756	1760	1777	rBV	223675	346381	4.51%	1.429%
13	12.392	1815	1820	1834	rBV2	634714	856618	11.16%	3.534%
14	14.798	2223	2229	2247	rVB	565012	945511	12.32%	3.901%
15	15.304	2310	2315	2320	rBV	70950	106508	1.39%	0.439%
16	17.145	2623	2628	2636	rVB	1919642	2217835	28.89%	9.150%
17	18.386	2835	2839	2847	rBV3	58847	111293	1.45%	0.459%
18	18.498	2853	2858	2872	rBV	545133	823788	10.73%	3.399%
19	20.168	3138	3142	3153	rBV2	345002	550553	7.17%	2.271%

Sum of corrected areas: 24239096

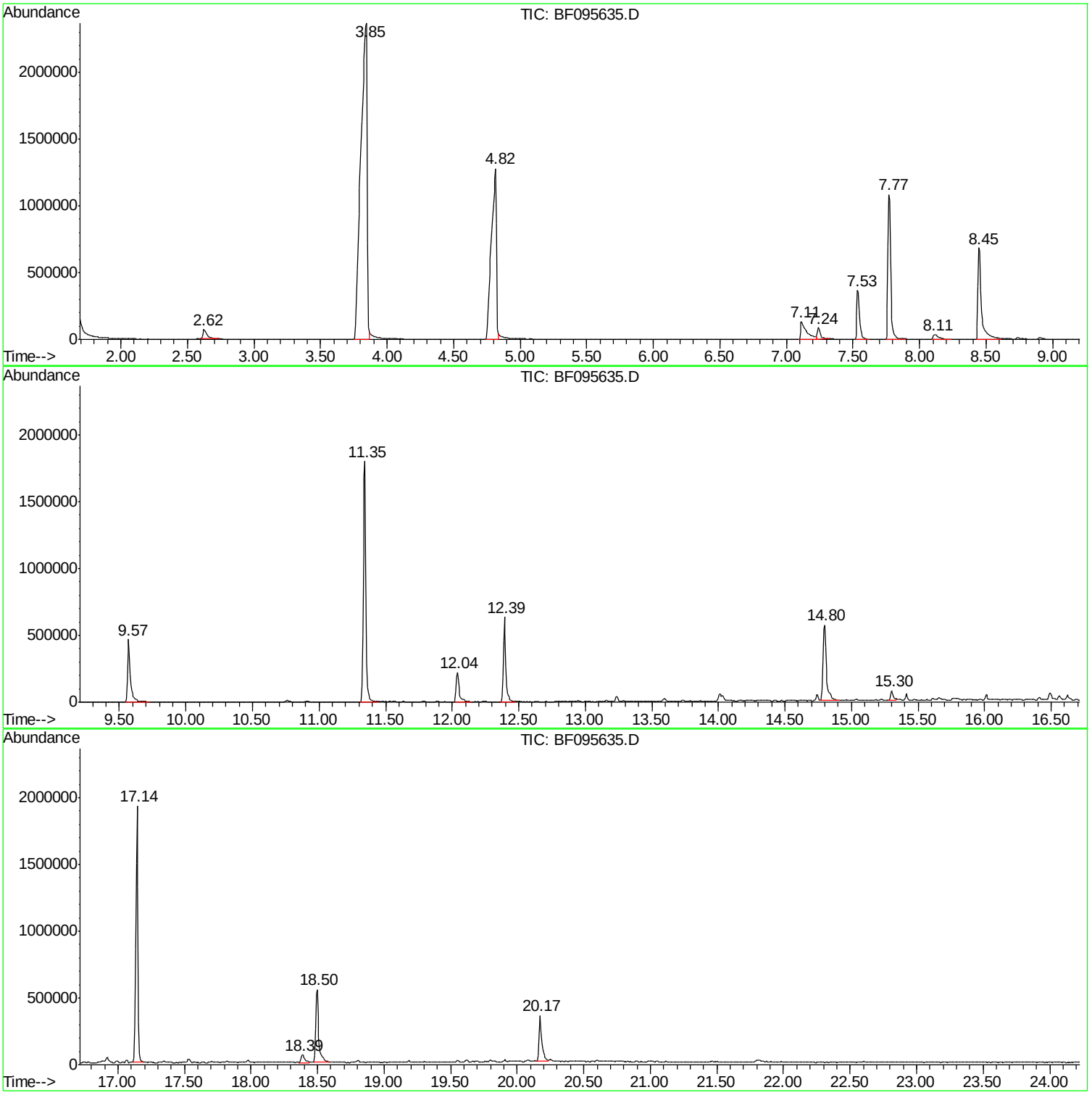
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095635.D
Acq On : 2 Jun 2017 15:48
Operator : SJ/MA
Sample : I3415-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095635.D
Acq On : 2 Jun 2017 15:48
Operator : SJ/MA
Sample : I3415-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-CONCRETE-BATCH-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

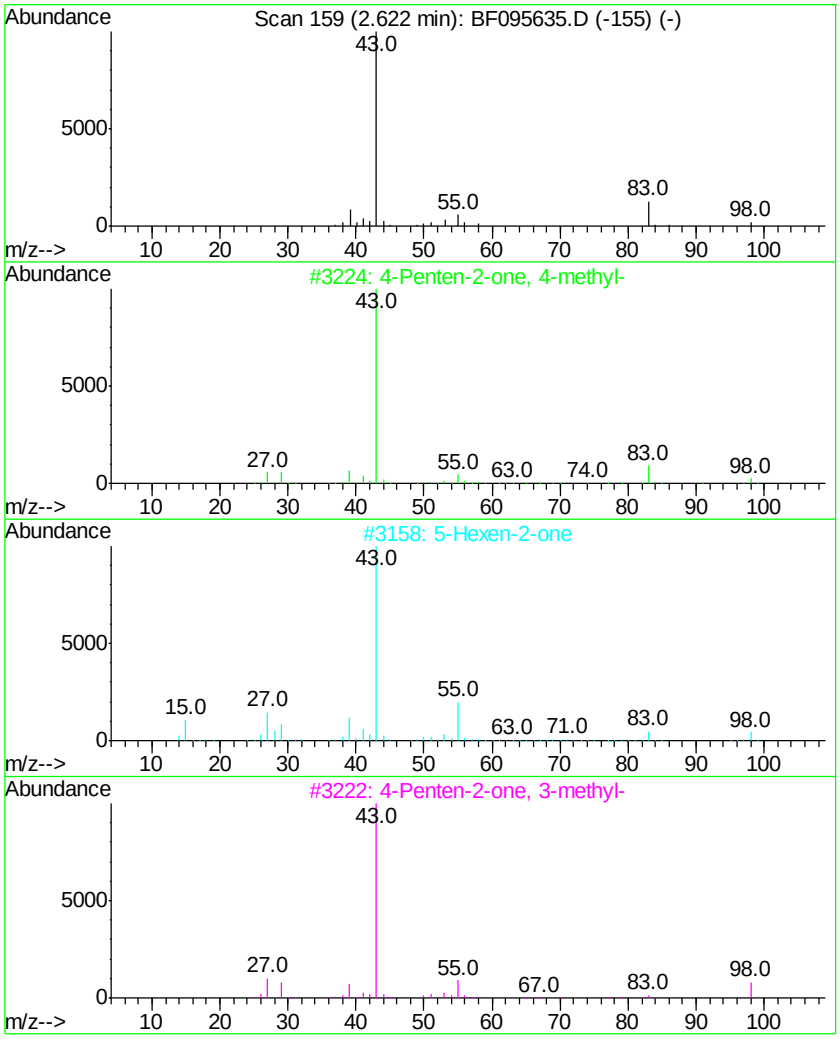
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

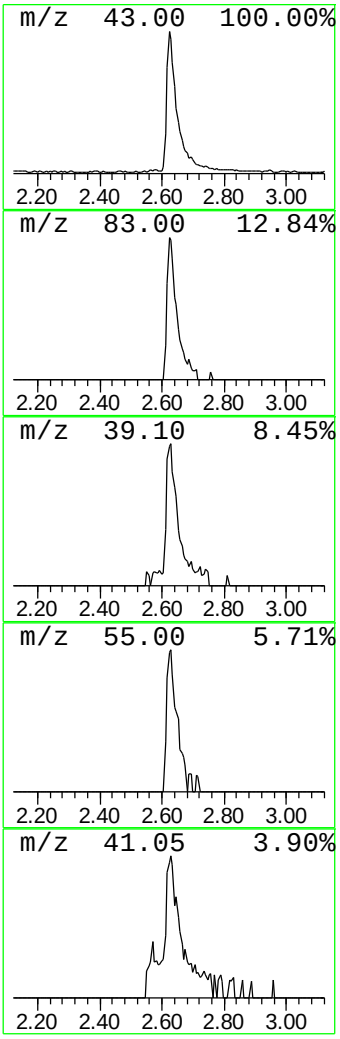
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.62	6.33 ng	160404	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2	5-Hexen-2-one	98	C6H10O	000109-49-9	49
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	43
4	3-Methylpenta-1,4-diene-3-ol	98	C6H10O	000918-86-5	9
5	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095635.D
Acq On : 2 Jun 2017 15:48
Operator : SJ/MA
Sample : I3415-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-CONCRETE-BATCH-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

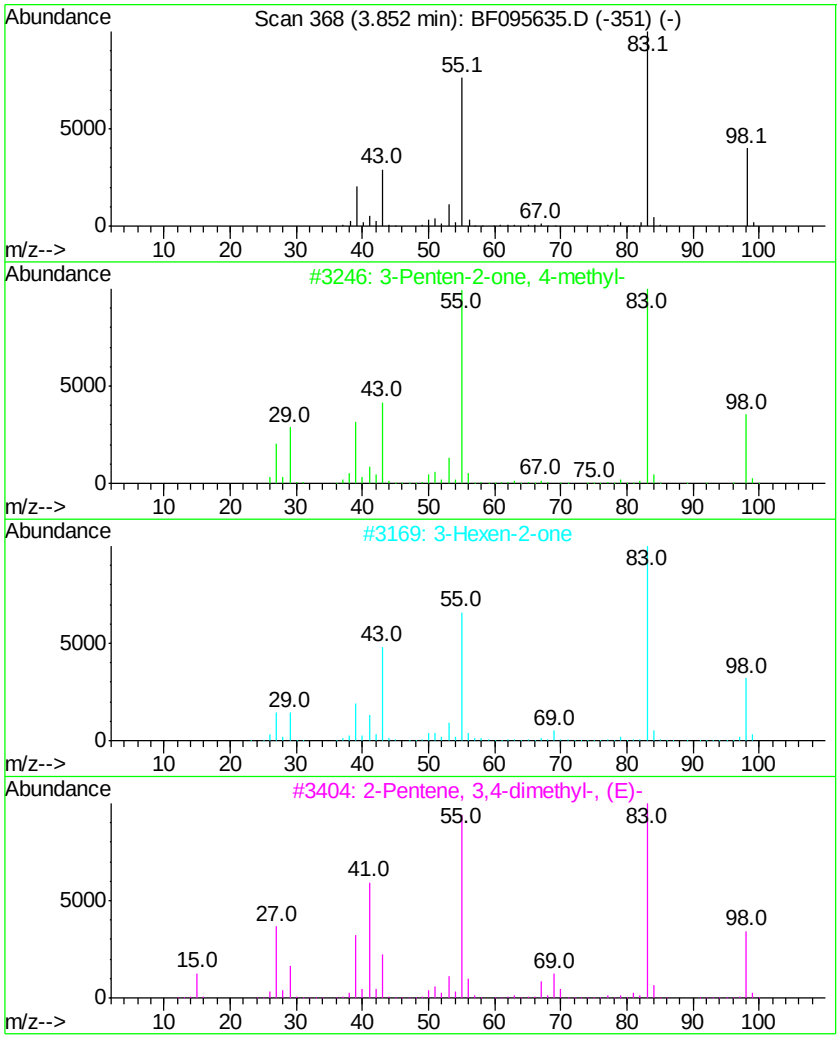
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

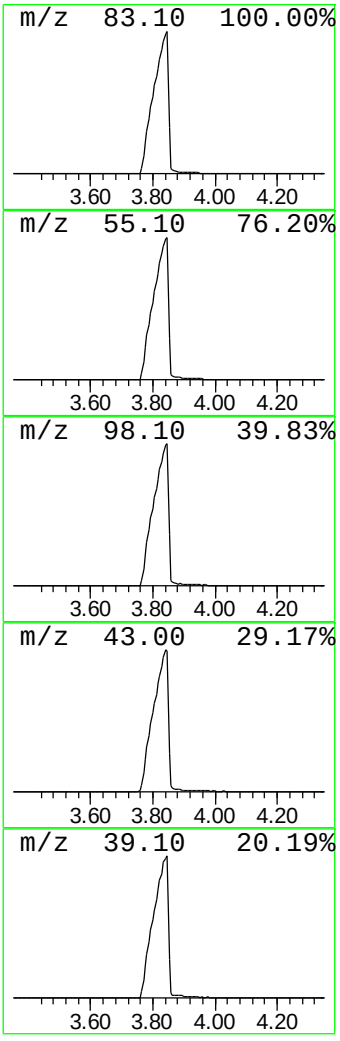
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	303.15 ng	7675950	1,4-Dichlorobenzene-d4	7.53

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, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095635.D
Acq On : 2 Jun 2017 15:48
Operator : SJ/MA
Sample : I3415-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-CONCRETE-BATCH-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

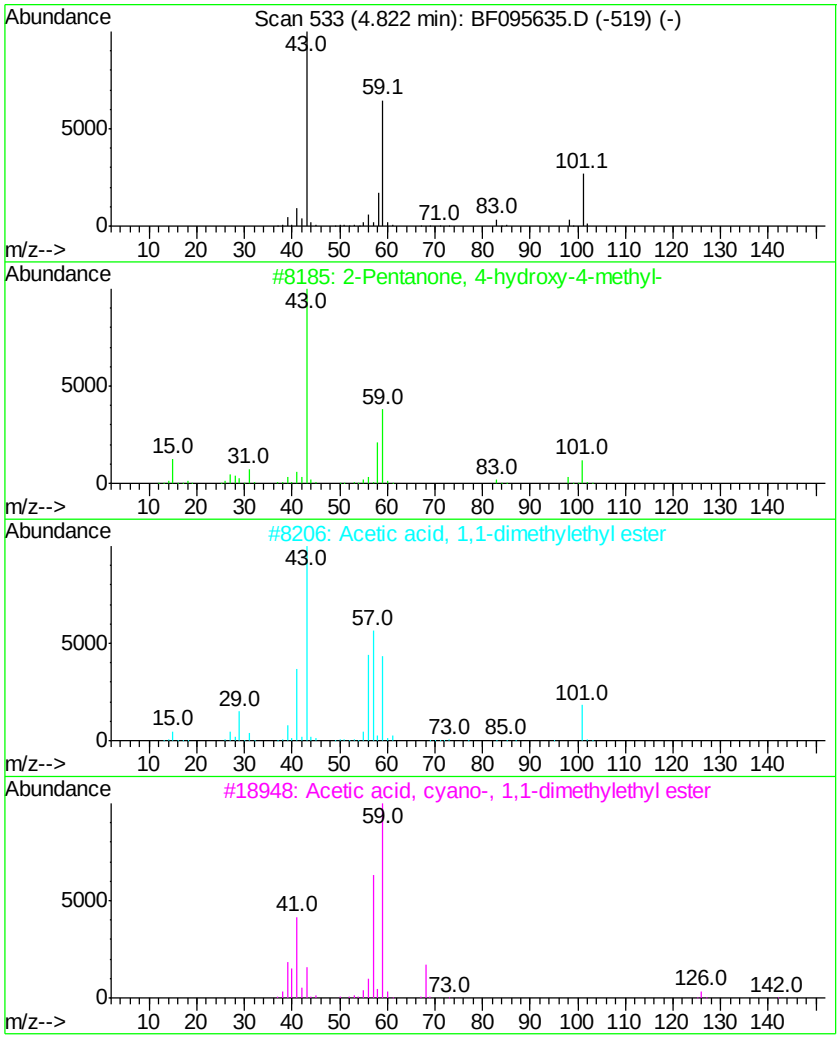
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

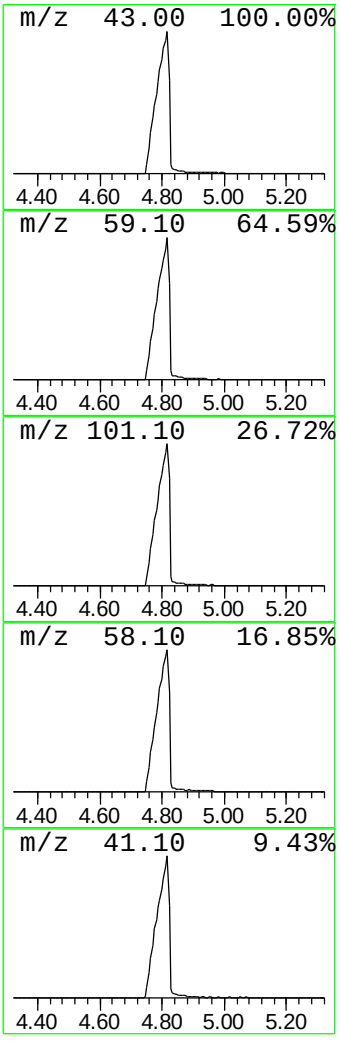
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	136.24 ng	3449690	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
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Acq On : 2 Jun 2017 15:48
Operator : SJ/MA
Sample : I3415-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-CONCRETE-BATCH-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

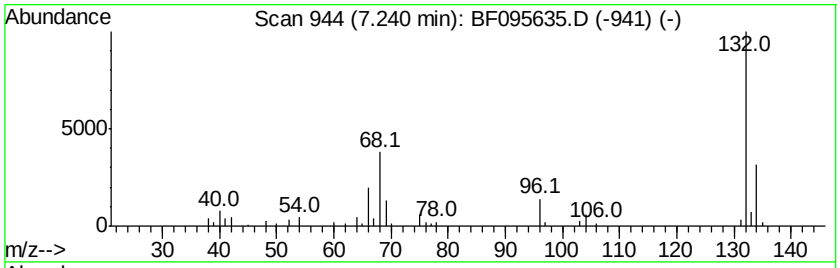
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

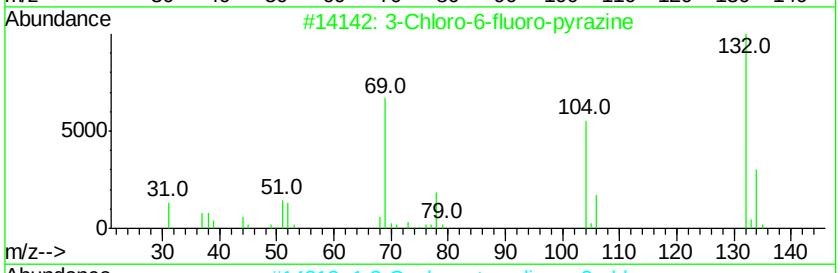
****

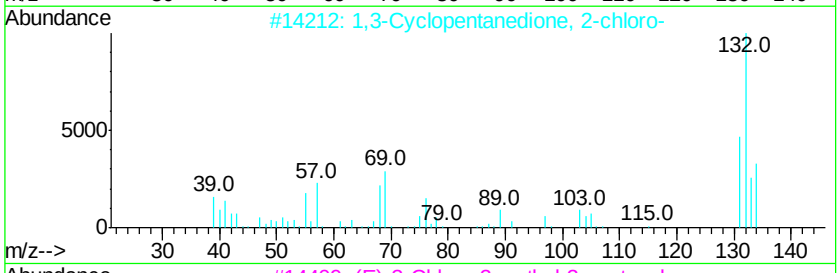
Peak Number 4 unknown7.24 Concentration Rank 5

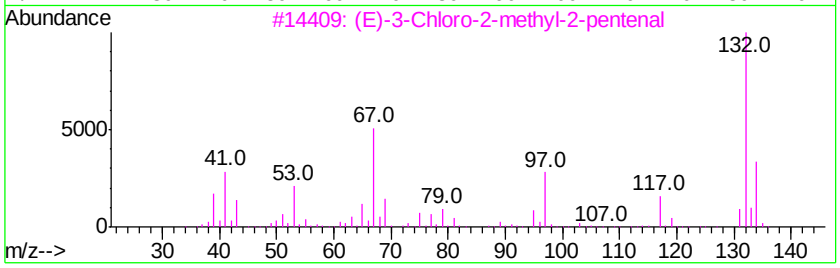
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	5.05 ng	127993	1,4-Dichlorobenzene-d4	7.53

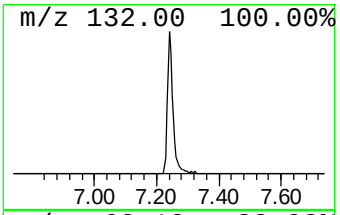
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9

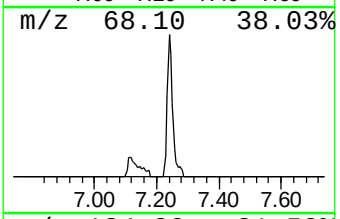


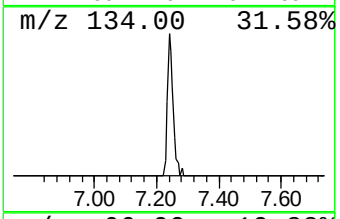


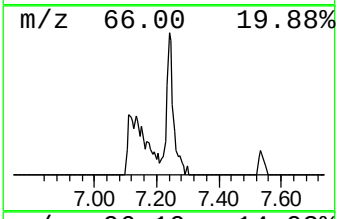


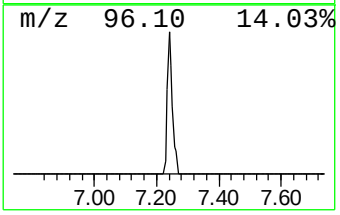












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Instrument : BNA_F
ClientSampleId : E2-CONCRETE-BATCH-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

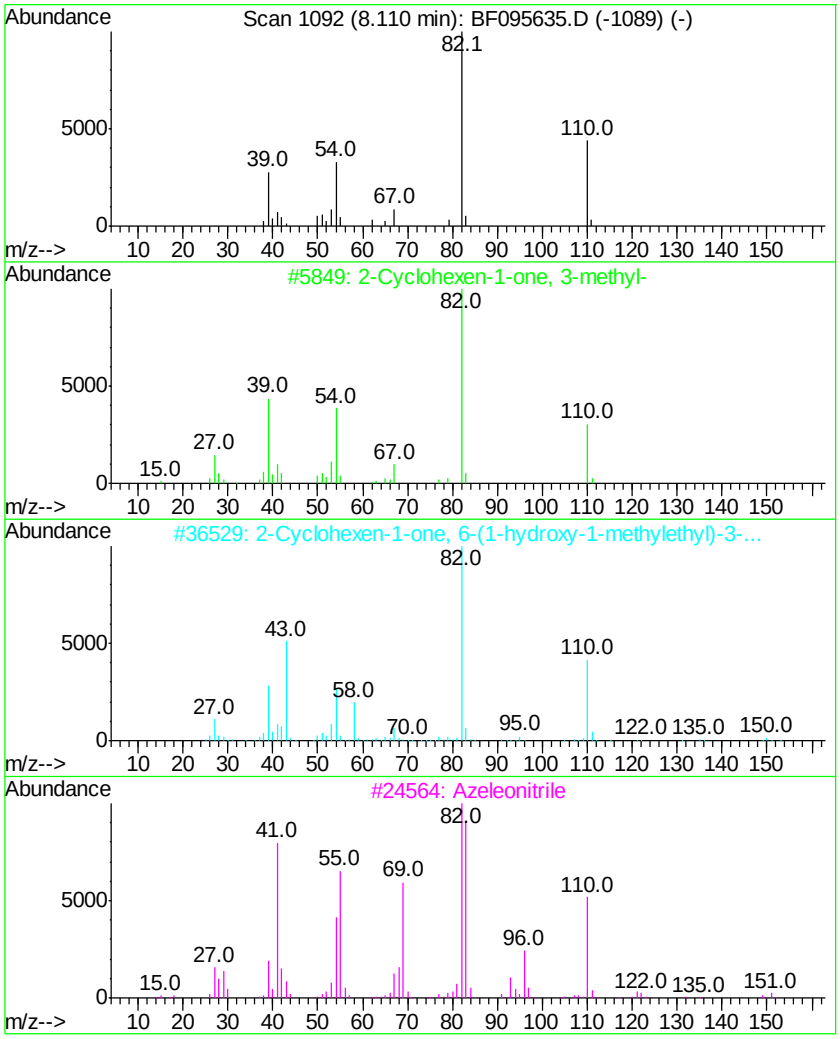
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

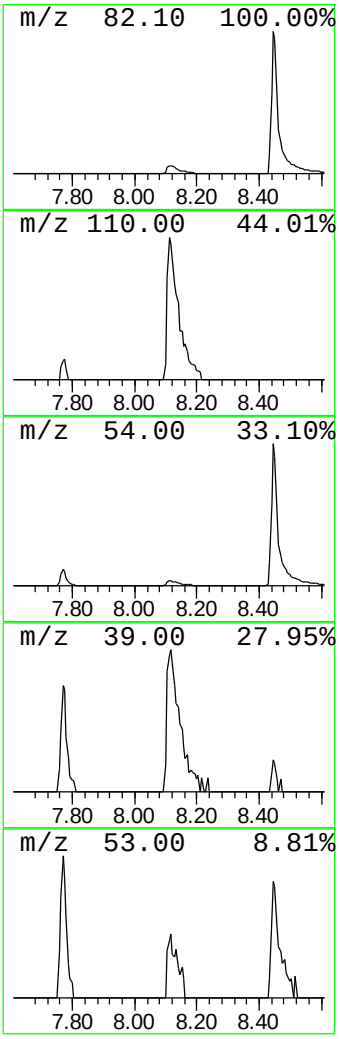
****

Peak Number 6 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	3.95 ng	99942	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	56
3	Azeleonitrile	150	C9H14N2	001675-69-0	56
4	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	43
5	1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	38





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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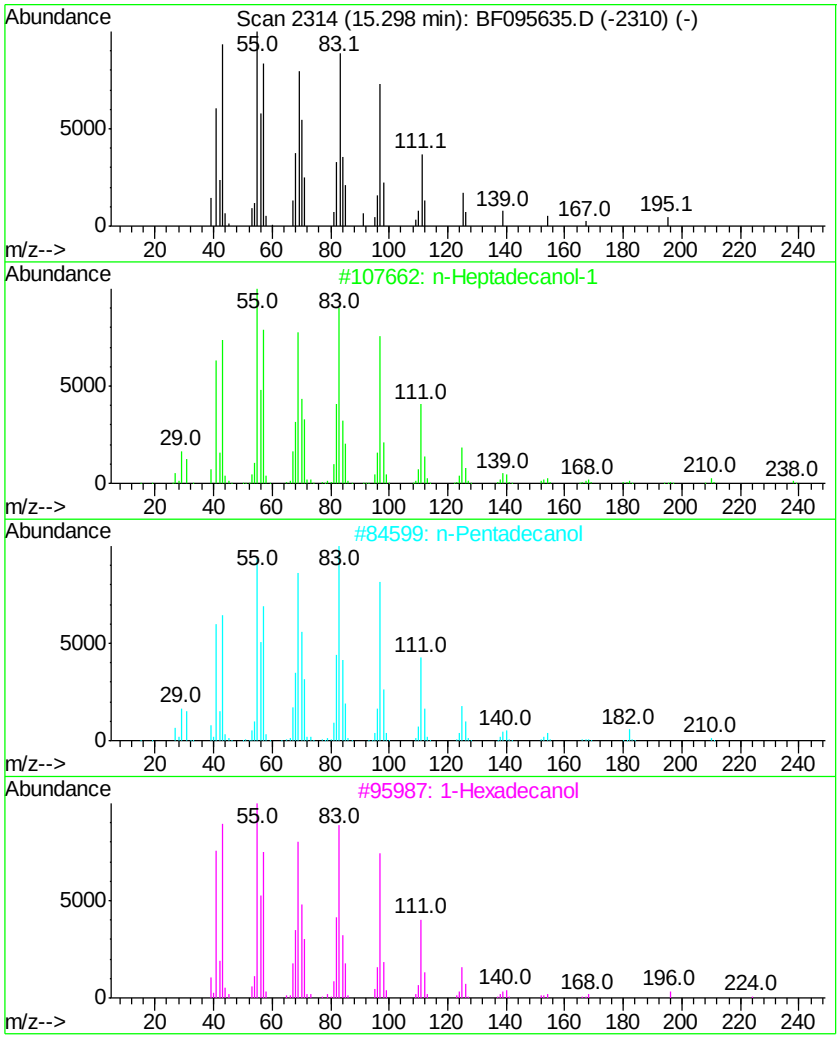
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

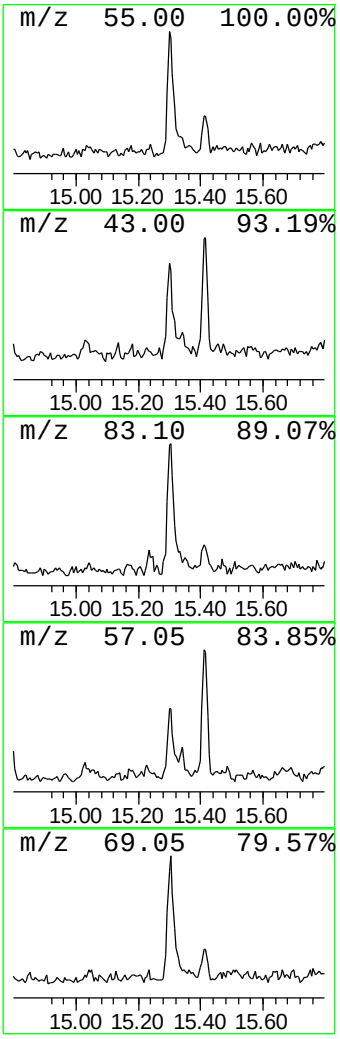
****

Peak Number 7 n-Heptadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.25 ng	106508	Phenanthrene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
2	n-Pentadecanol	228	C15H32O	000629-76-5	94
3	1-Hexadecanol	242	C16H34O	036653-82-4	94
4	Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





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Operator : SJ/MA
Sample : I3415-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-CONCRETE-BATCH-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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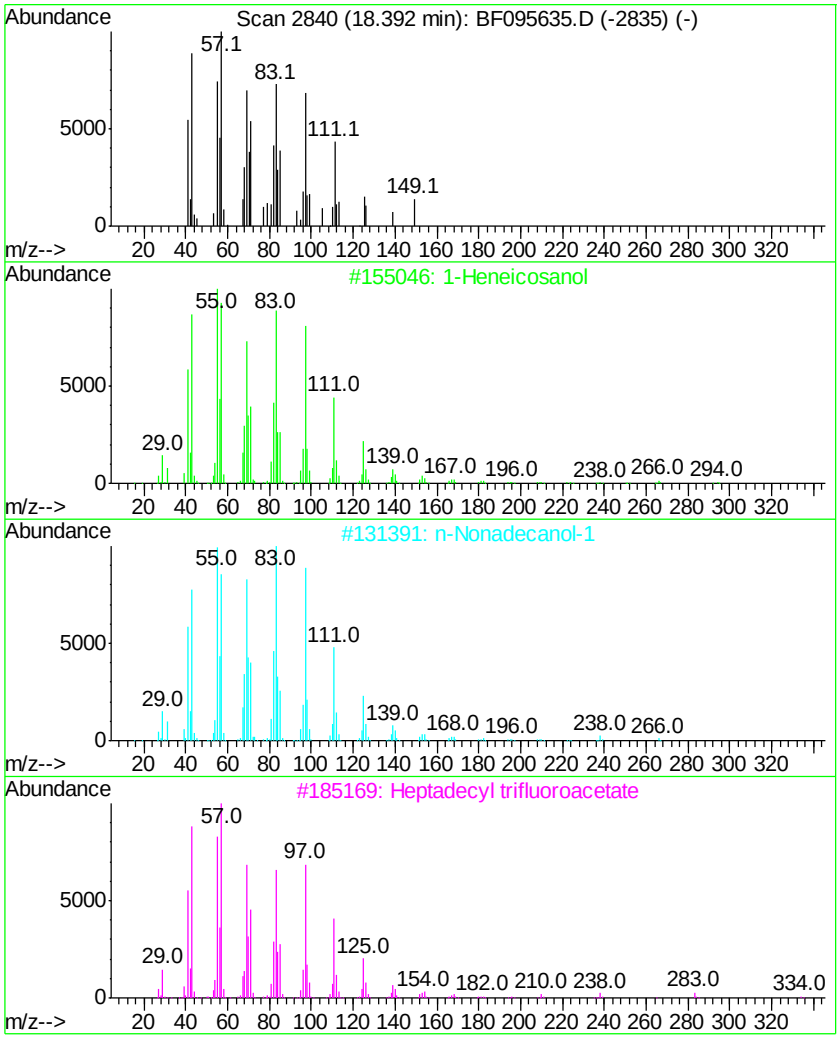
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

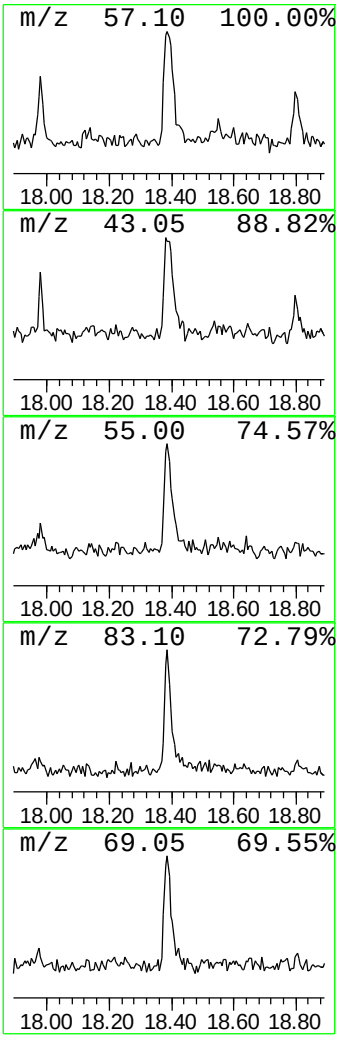
****

Peak Number 8 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.70 ng	111293	Chrysene-d12	18.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	92
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
Data File : BF095635.D
Acq On : 2 Jun 2017 15:48
Operator : SJ/MA
Sample : I3415-04
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4-Penten-2-one, 4...	2.62	6.3	ng	160404	1	7.53	506410	20.0
3-Penten-2-one, 4...	3.85	303.1	ng	7675950	1	7.53	506410	20.0
2-Pentanone, 4-hy...	4.82	136.2	ng	3449690	1	7.53	506410	20.0
unknown7.24	7.24	5.0	ng	127993	1	7.53	506410	20.0
2-Cyclohexen-1-on...	8.11	4.0	ng	99942	1	7.53	506410	20.0
n-Heptadecanol-1	15.30	2.3	ng	106508	4	14.80	945511	20.0
1-Heneicosanol	18.39	2.7	ng	111293	5	18.50	823788	20.0