LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087445.D
Acq On : 27 May 2016 16:12
Operator : UM/SJ
Sample : H3265-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-47-052416

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-BF052316.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	2.010	35	37	54	rVB	101525	253130	5.09%	0.650%
2	2.604	86	89	104	rVB	133263	331441	6.66%	0.852%
3	3.736	185	188	213	rBV	1050343	2473433	49.74%	6.355%
4	4.776	276	279	297	rBV	117152	371303	7.47%	0.954%
5	5.404	331	334	353	rBV	2166233	3735591	75.12%	9.598%
6	7.039	474	477	484	rBV	2195360	3429828	68.97%	8.812%
7	7.142	484	486	505	rVB	2825353	4190938	84.27%	10.768%
8	7.484	514	516	524	rBV	558856	791958	15.92%	2.035%
9	7.724	534	537	548	rVB	1888480	3029883	60.93%	7.785%
10	8.399	594	596	615	rBV	1776636	2748595	55.27%	7.062%
11	9.519	692	694	696	rBV	702008	1025390	20.62%	2.635%
12	9.553	696	697	711	rVB	222022	341903	6.88%	0.878%
13	11.291	846	849	852	rBV	3001250	4411331	88.70%	11.334%
14	12.342	938	941	945	rBV	751209	1003743	20.18%	2.579%
15	13.634	1051	1054	1057	rBV	2079198	3012630	60.58%	7.740%
16	14.742	1148	1151	1161	rBV	839261	1124206	22.61%	2.888%
17	15.737	1235	1238	1242	rBV	75094	115139	2.32%	0.296%
18	16.834	1331	1334	1342	rBV	140948	231942	4.66%	0.596%
19	16.948	1342	1344	1346	rVB	83868	90352	1.82%	0.232%
20	17.108	1355	1358	1360	rBV	3457627	4973101	100.00%	12.778%
21	18.446	1473	1475	1485	rBV	697907	957974	19.26%	2.461%
22	20.137	1620	1623	1627	rBV	125544	276712	5.56%	0.711%

Sum of corrected areas: 38920523

LSC Report - Integrated Chromatogram

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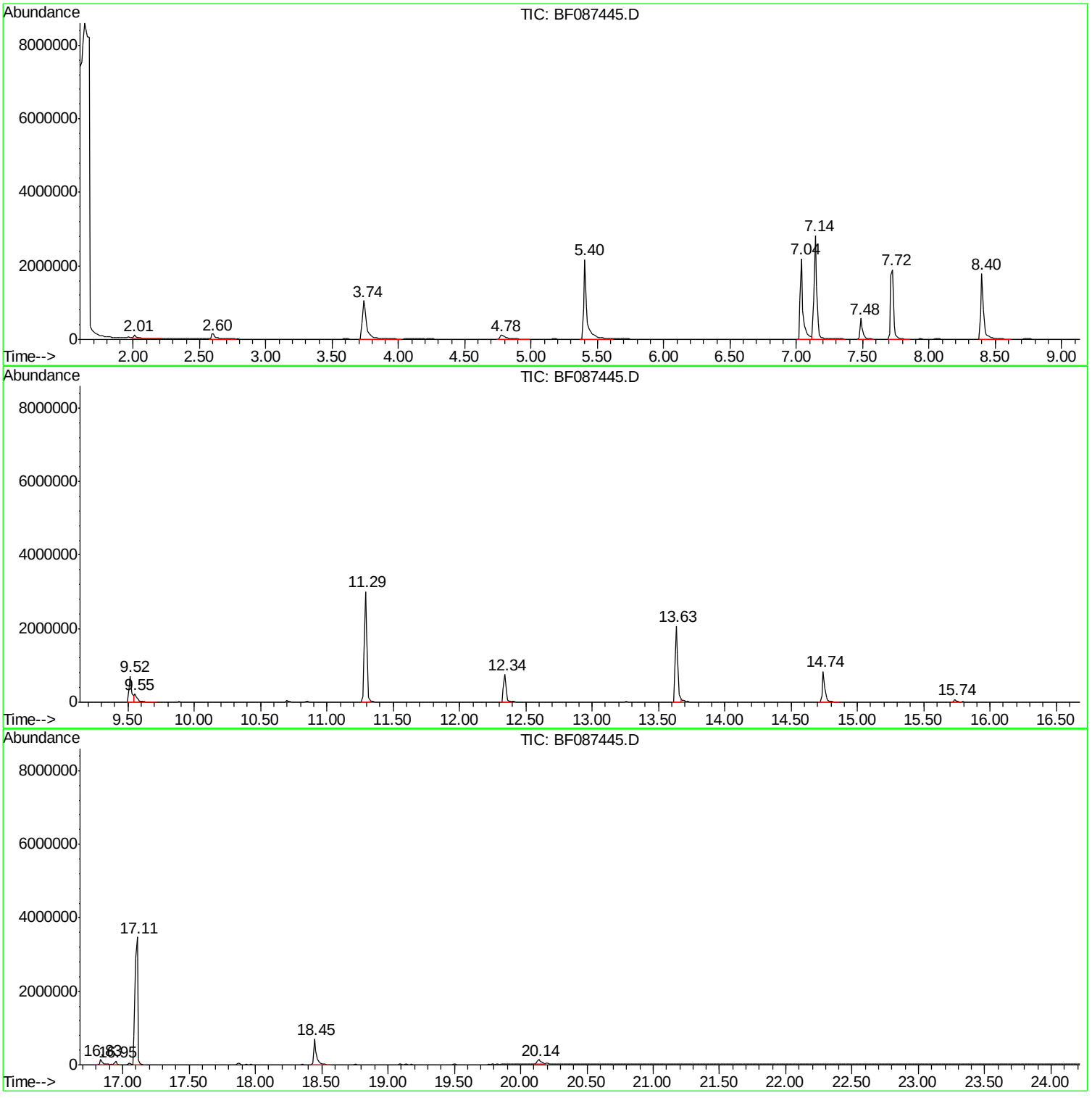
Sample : H3265-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-47-052416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087445.D
Acq On : 27 May 2016 16:12
Operator : UM/SJ
Sample : H3265-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-47-052416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

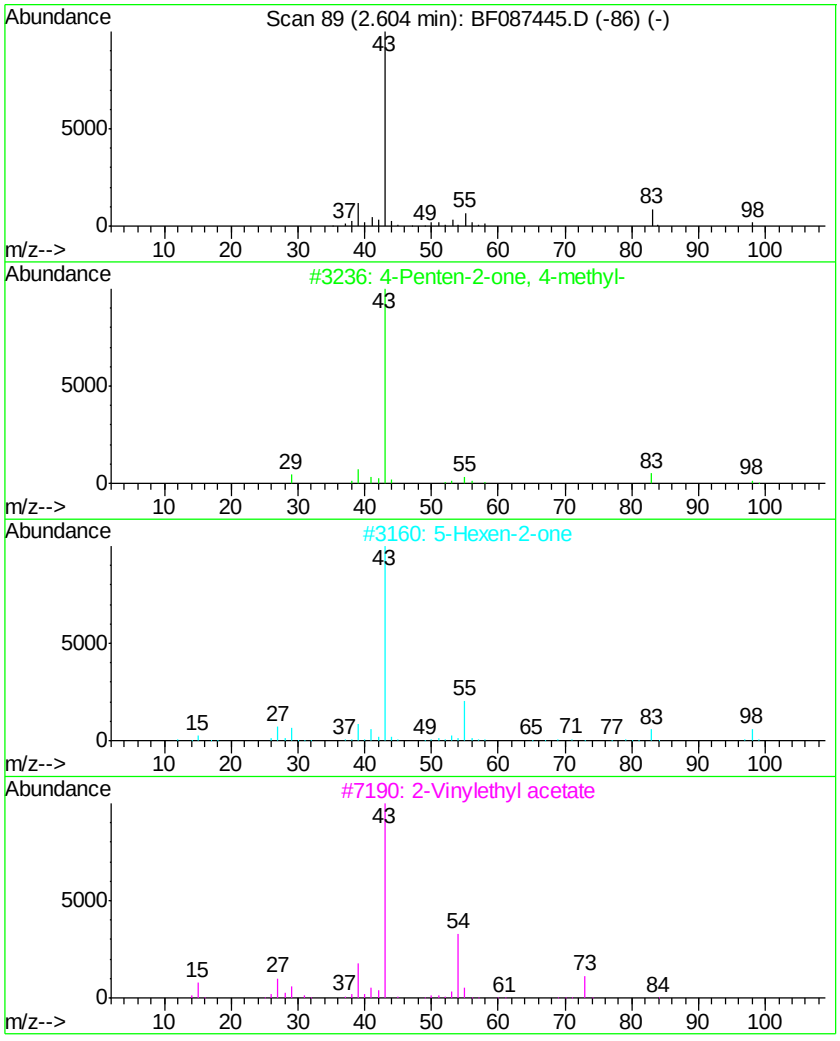
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

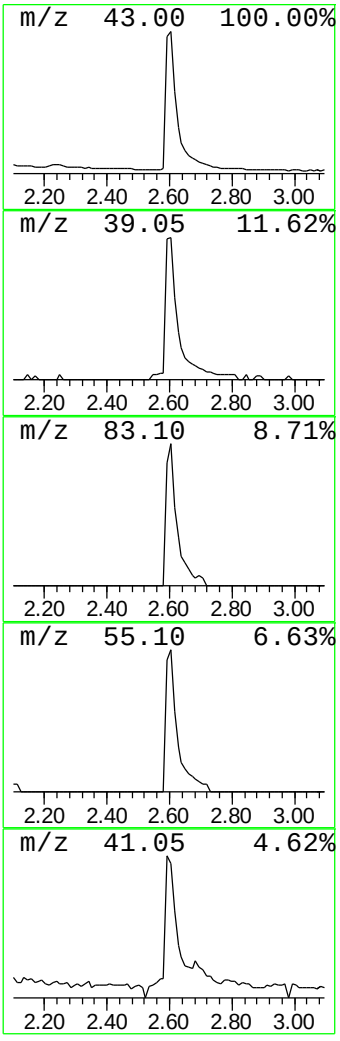
****

Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.60	8.37 ng	331441	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	80
2	5-Hexen-2-one	98	C6H10O	000109-49-9	40
3	2-Vinylethyl acetate	114	C6H10O2	001576-84-7	40
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	33
5	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	28





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Data File : BF087445.D
Acq On : 27 May 2016 16:12
Operator : UM/SJ
Sample : H3265-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-47-052416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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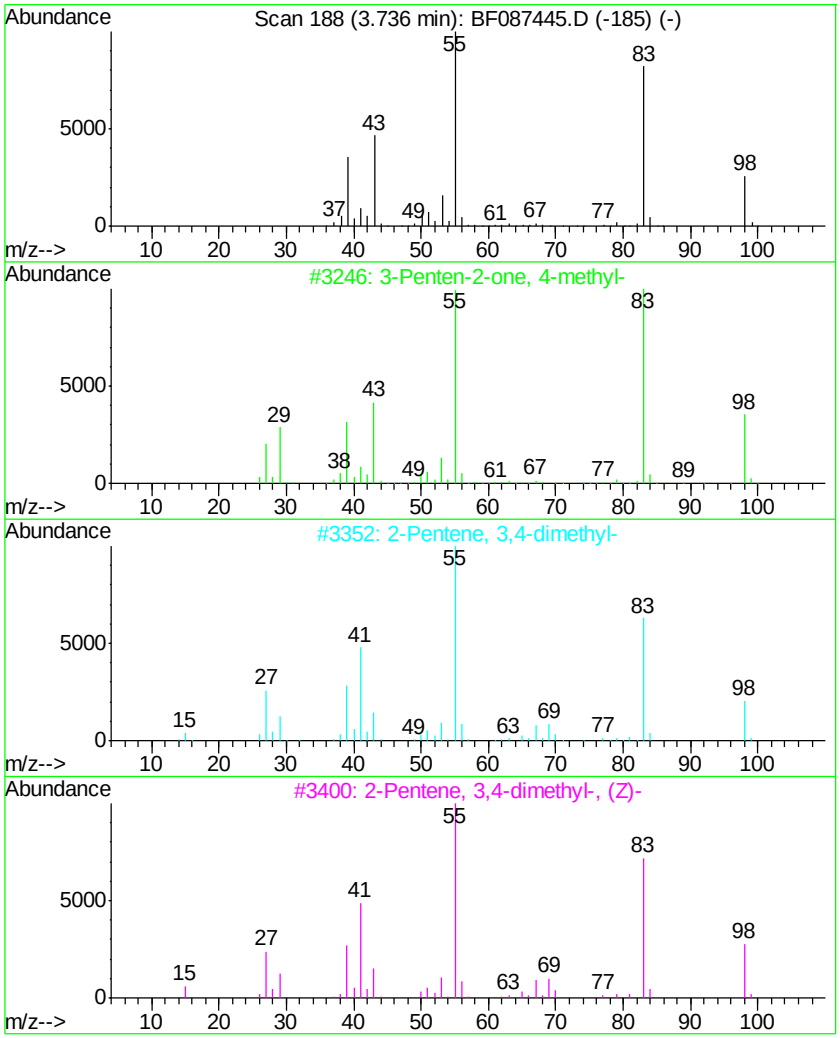
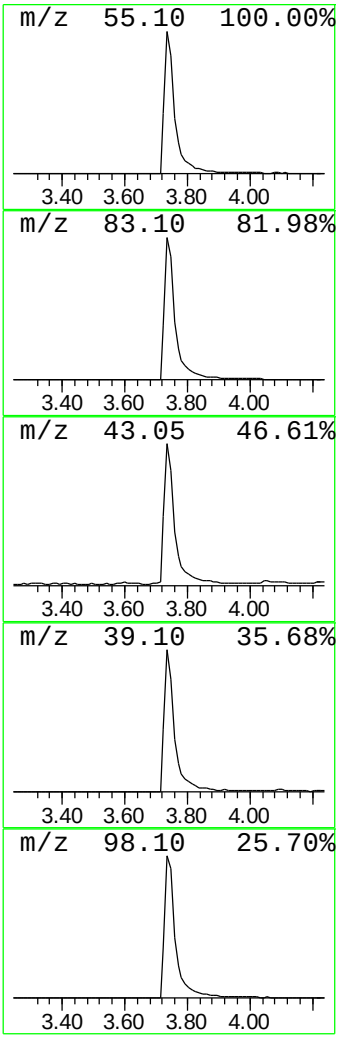
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	62.46 ng	2473430	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	86
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	3-Hexen-2-one	98	C6H10O	000763-93-9	80
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087445.D
Acq On : 27 May 2016 16:12
Operator : UM/SJ
Sample : H3265-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-47-052416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

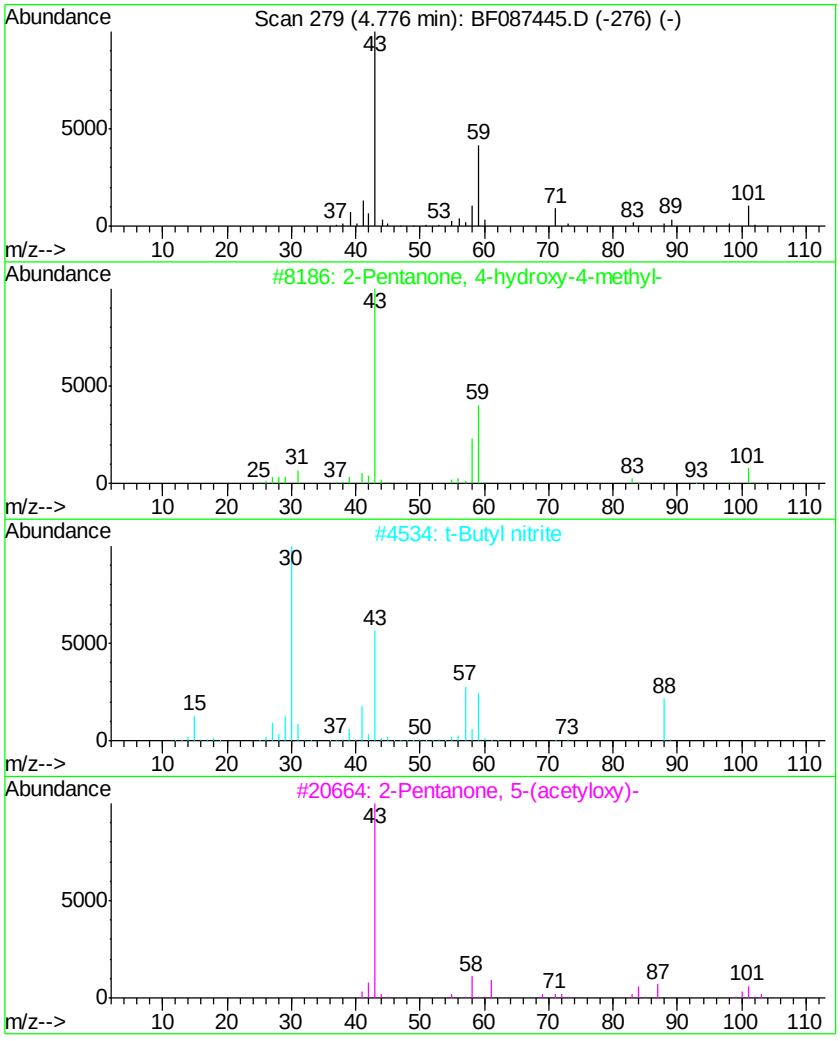
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

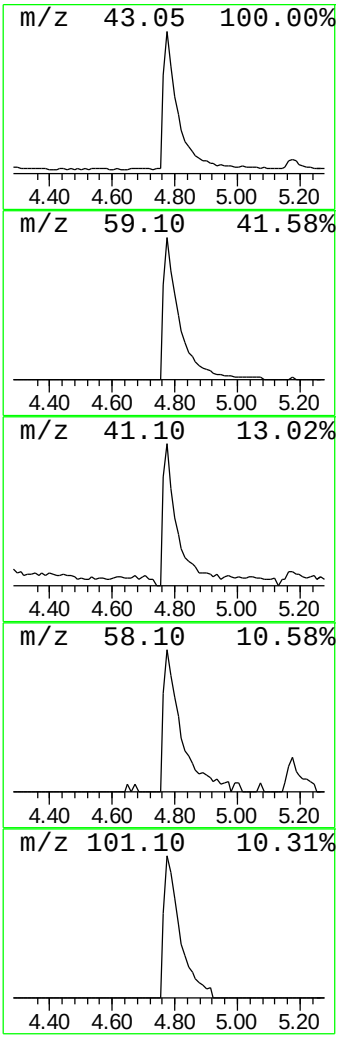
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	9.38 ng	371303	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	t-Butyl nitrite	103	C4H9NO2	000540-80-7	42
3	2-Pentanone, 5-(acetyloxy)-	144	C7H12O3	005185-97-7	12
4	Formamide, N-butyl-	101	C5H11NO	000871-71-6	9
5	Propylamine	59	C3H9N	000107-10-8	9





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Operator : UM/SJ
Sample : H3265-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-47-052416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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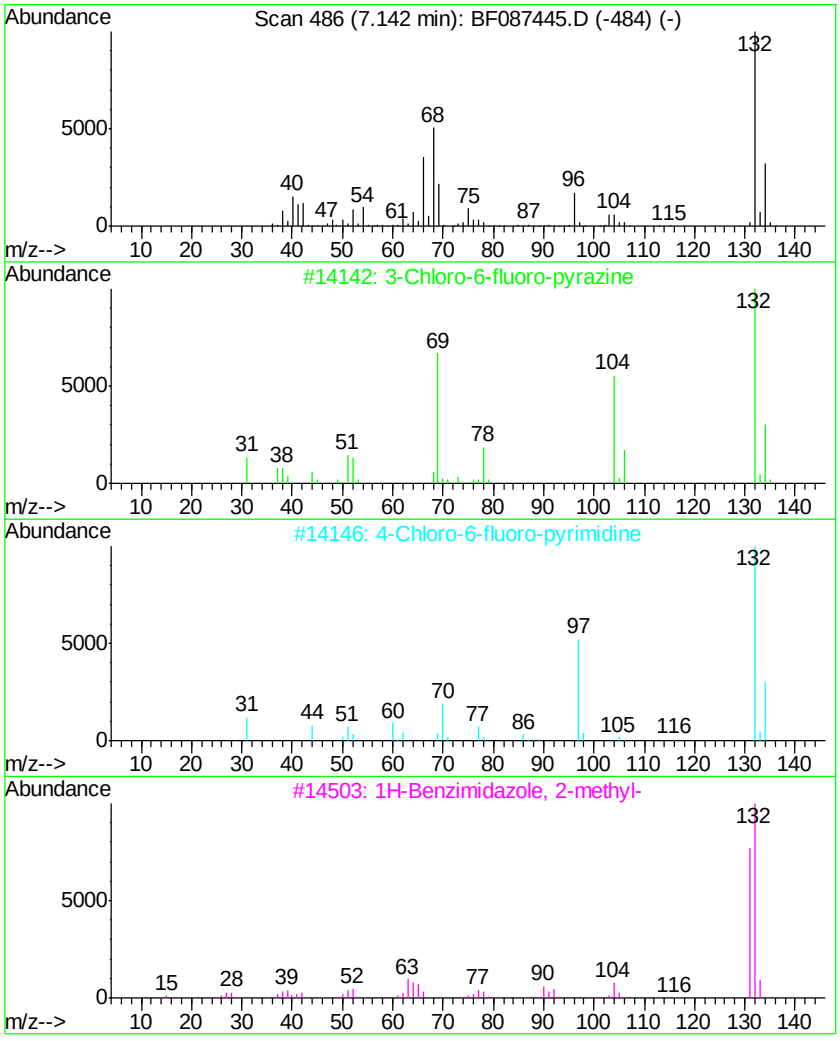
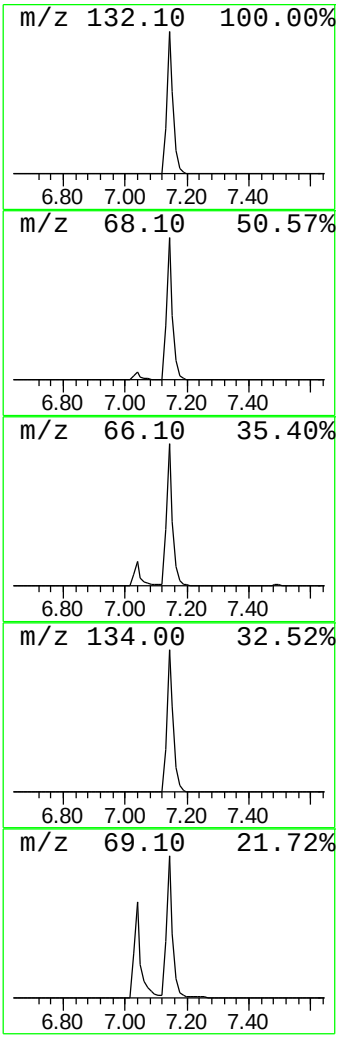
Peak Number 5 unknown7.14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	105.84 ng	4190940	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22





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Sample : H3265-01
Misc :
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Instrument : BNA_F
ClientSampleId : HSR-WC-47-052416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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TIC Library : C:\Database\NIST11.L
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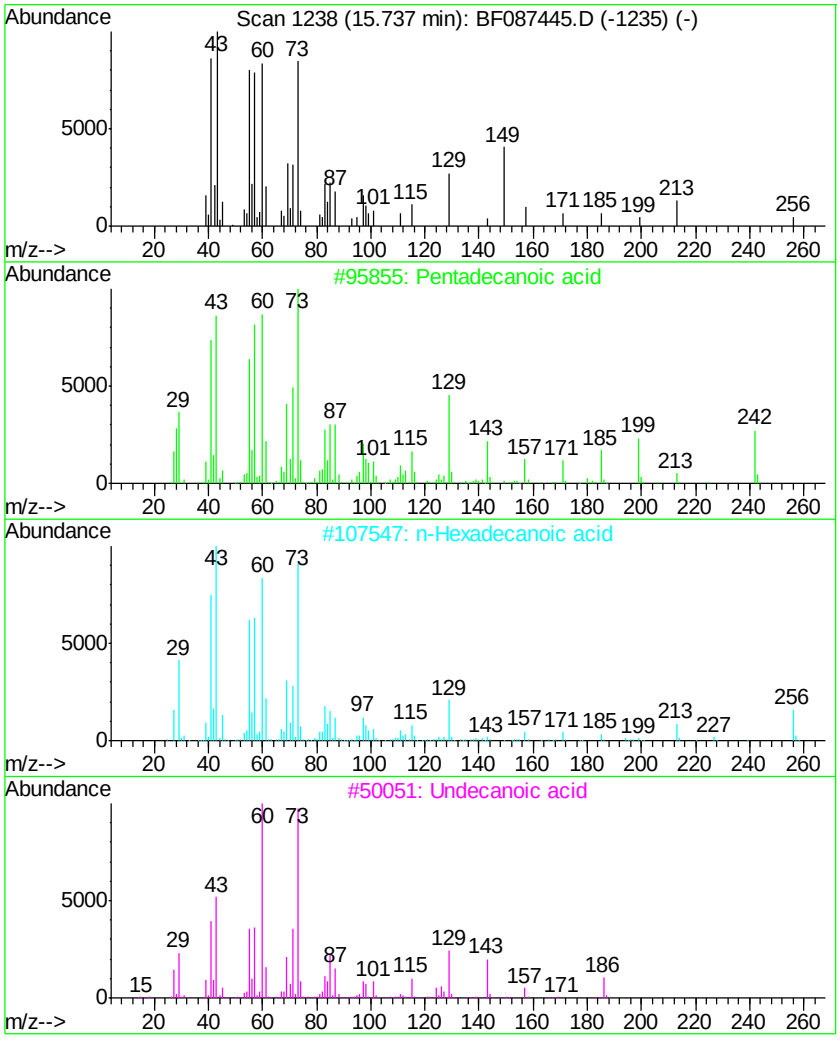
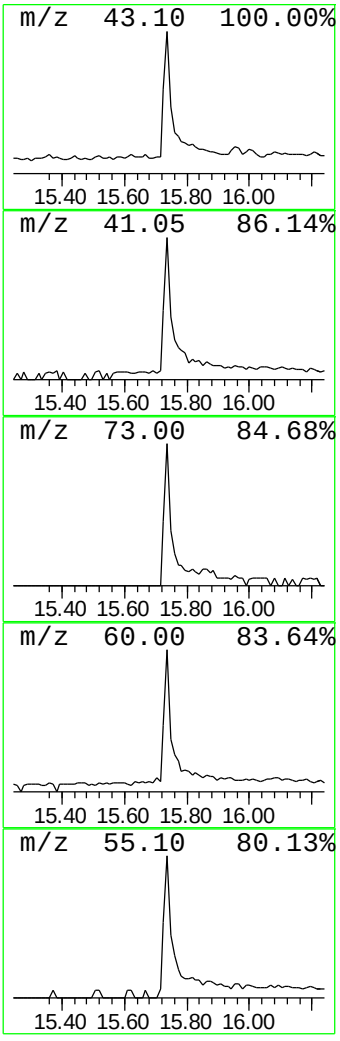
****

Peak Number 7 Pentadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	2.05 ng	115139	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
3	Undecanoic acid	186	C11H22O2	000112-37-8	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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Sample : H3265-01
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Instrument : BNA_F
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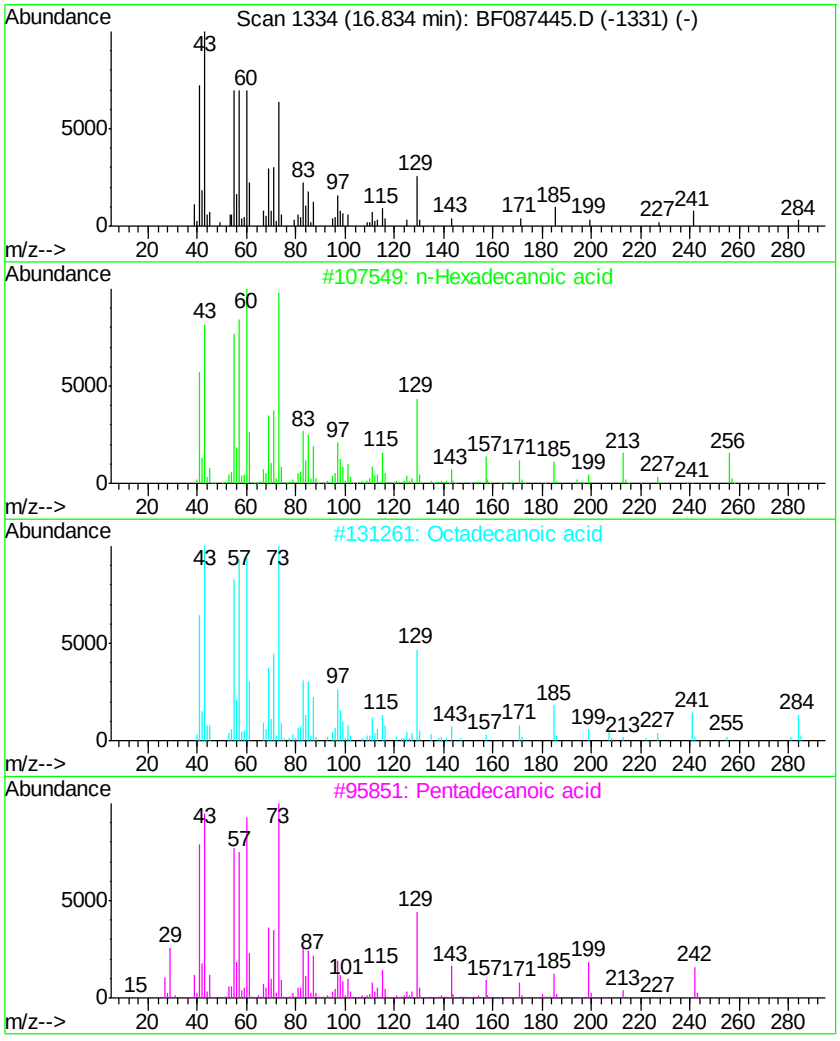
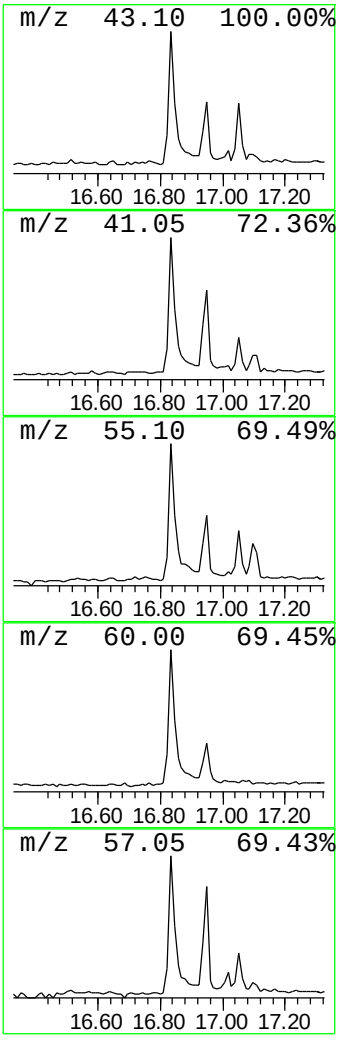
Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	4.84 ng	231942	Chrysene-d12	18.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	18





Tentatively Identified Compound (LSC) summary

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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...	2.60	8.4	ng	331441	1	7.48	791958	20.0
3-Penten-2-one, 4...	3.74	62.5	ng	2473430	1	7.48	791958	20.0
2-Pentanone, 4-hy...	4.78	9.4	ng	371303	1	7.48	791958	20.0
unknown7.14	7.14	105.8	ng	4190940	1	7.48	791958	20.0
Pentadecanoic acid	15.74	2.0	ng	115139	4	14.74	1124210	20.0
n-Hexadecanoic acid	16.83	4.8	ng	231942	5	18.45	957974	20.0