LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084756.D
Acq On : 2 Feb 2016 20:04
Operator : SJ/IZ
Sample : H1314-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELDON-WC-SC-018

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-BF020116.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	4.144	178	180	185	rBV	289229	391050	7.10%	0.789%
2	4.864	238	243	245	rBV	2456866	4607494	83.70%	9.294%
3	5.299	278	281	283	rBV	4126525	4622731	83.97%	9.324%
4	5.699	314	316	318	rBV	274589	275580	5.01%	0.556%
5	6.350	370	373	375	rBV	4244503	4636872	84.23%	9.353%
6	6.464	381	383	386	rBV	4064252	4077887	74.08%	8.225%
7	6.693	401	403	406	rBV	1153135	1051976	19.11%	2.122%
8	6.853	414	417	419	rBV	3901685	3398773	61.74%	6.855%
9	7.264	450	453	456	rBV	2664002	2640870	47.97%	5.327%
10	7.390	460	464	470	rBV	88048	150085	2.73%	0.303%
11	7.984	513	516	518	rVB	1637444	1452429	26.38%	2.930%
12	9.070	607	611	613	rBV	3778659	5285461	96.01%	10.661%
13	9.459	643	645	647	rBV	1247739	1518390	27.58%	3.063%
14	9.676	662	664	666	rBV	70881	77106	1.40%	0.156%
15	9.733	666	669	672	rVB	1684071	1581067	28.72%	3.189%
16	10.179	707	708	710	rVB	206146	148647	2.70%	0.300%
17	10.396	724	727	730	rBV	60872	105532	1.92%	0.213%
18	10.522	735	738	741	rVV	3259600	3284797	59.67%	6.626%
19	10.648	747	749	754	rVB	221410	256958	4.67%	0.518%
20	11.093	786	788	790	rBV	121264	121583	2.21%	0.245%
21	11.219	796	799	801	rVV	1177031	1577826	28.66%	3.183%
22	11.482	817	822	824	rBV3	22653	58663	1.07%	0.118%
23	11.528	824	826	829	rVB	49577	70006	1.27%	0.141%
24	12.808	935	938	940	rBV	4711313	5505052	100.00%	11.104%
25	13.734	1016	1019	1026	rBV3	69209	238759	4.34%	0.482%
26	13.848	1026	1029	1031	rVV	1106370	1440077	26.16%	2.905%
27	15.220	1146	1149	1152	rBV	922658	1001861	18.20%	2.021%

Sum of corrected areas: 49577532

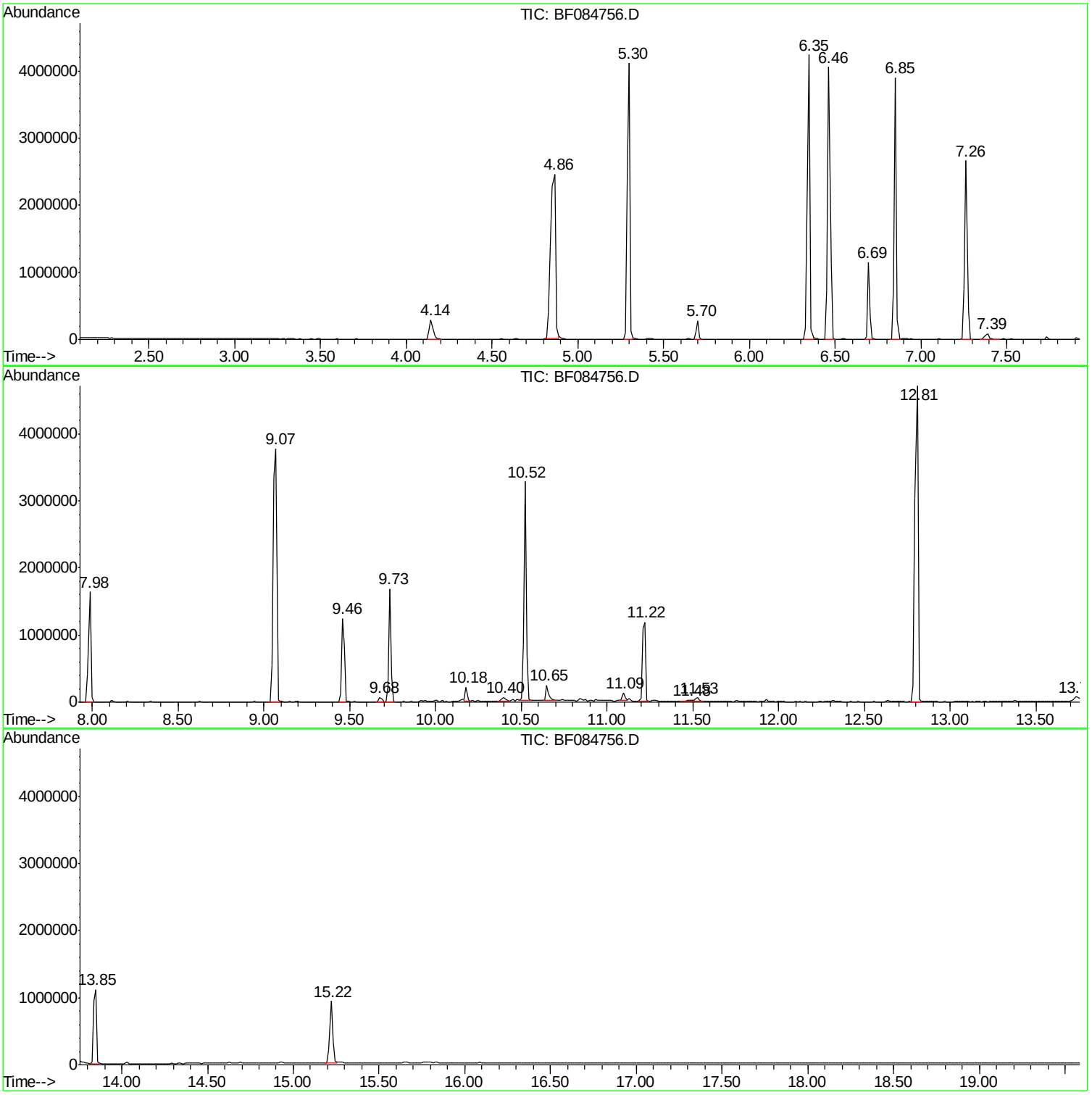
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084756.D
Acq On : 2 Feb 2016 20:04
Operator : SJ/IZ
Sample : H1314-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELDON-WC-SC-018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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\BF020216\
Data File : BF084756.D
Acq On : 2 Feb 2016 20:04
Operator : SJ/IZ
Sample : H1314-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELDON-WC-SC-018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

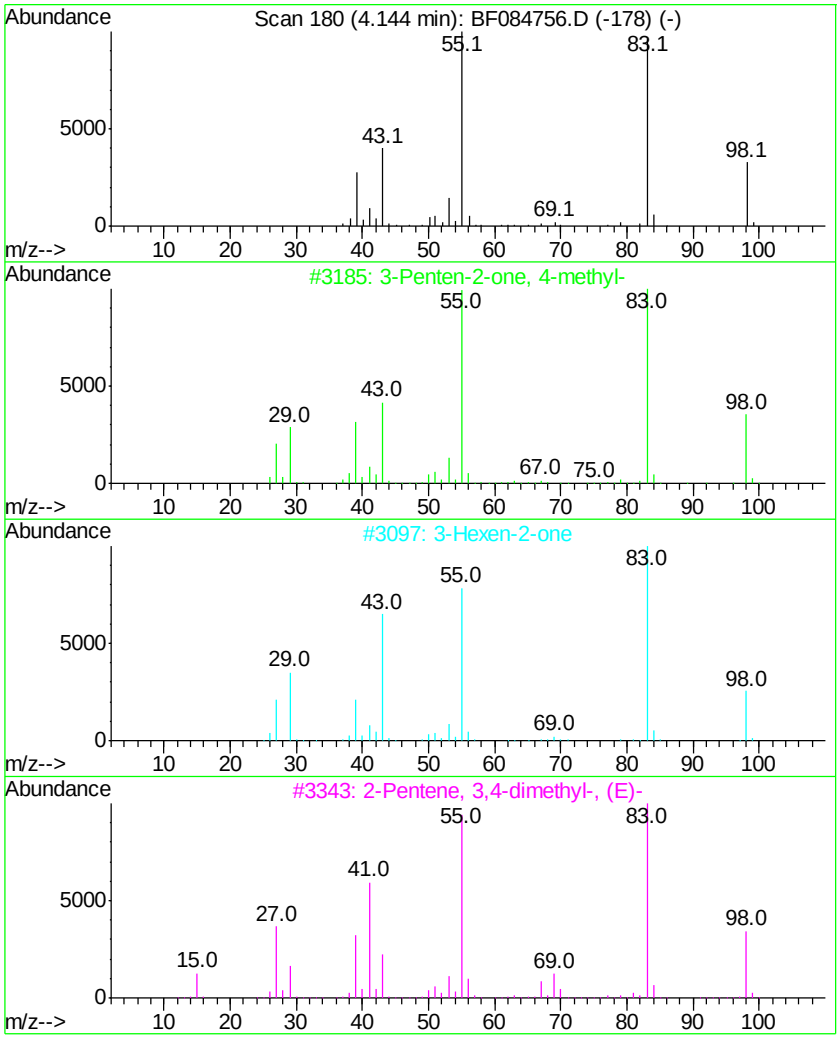
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

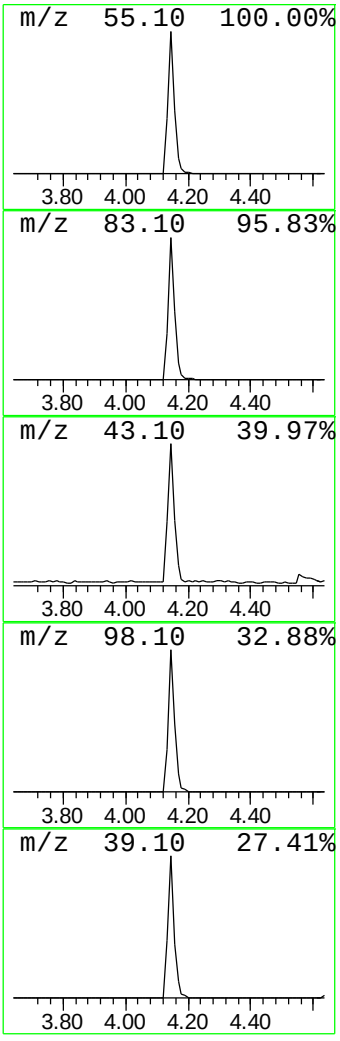
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.14	7.43 ng	391050	1,4-Dichlorobenzene-d4	6.69

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, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084756.D
Acq On : 2 Feb 2016 20:04
Operator : SJ/IZ
Sample : H1314-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELDON-WC-SC-018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

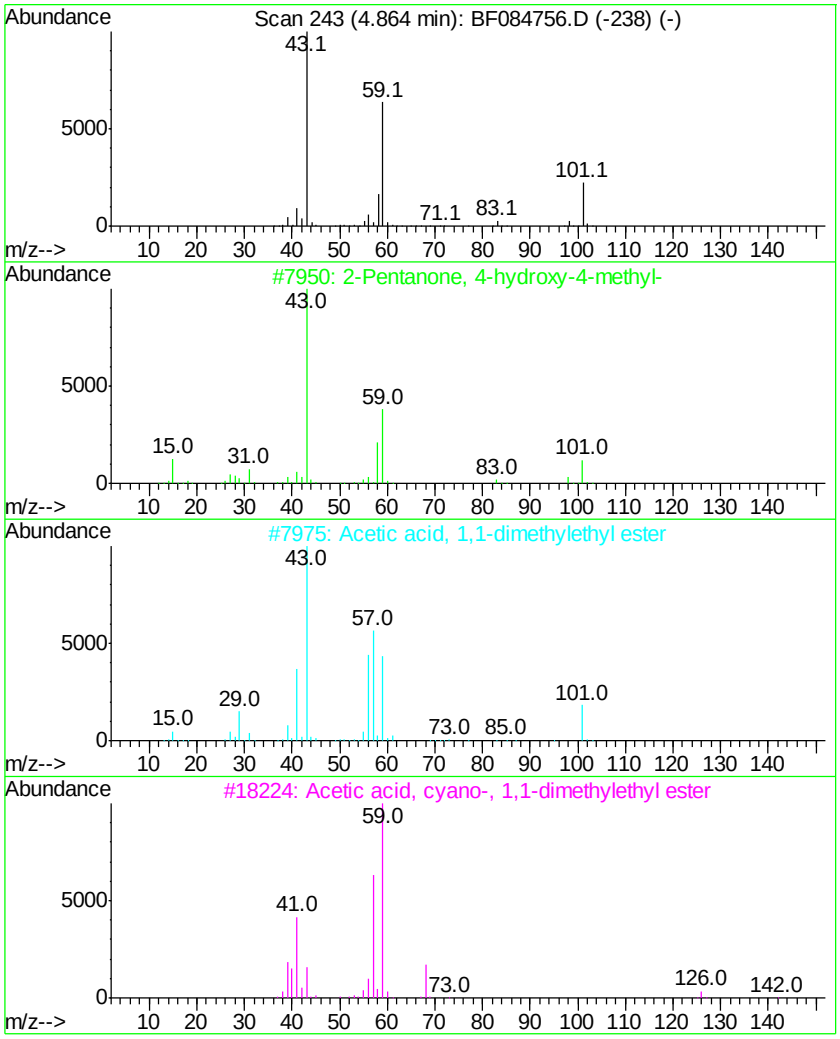
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

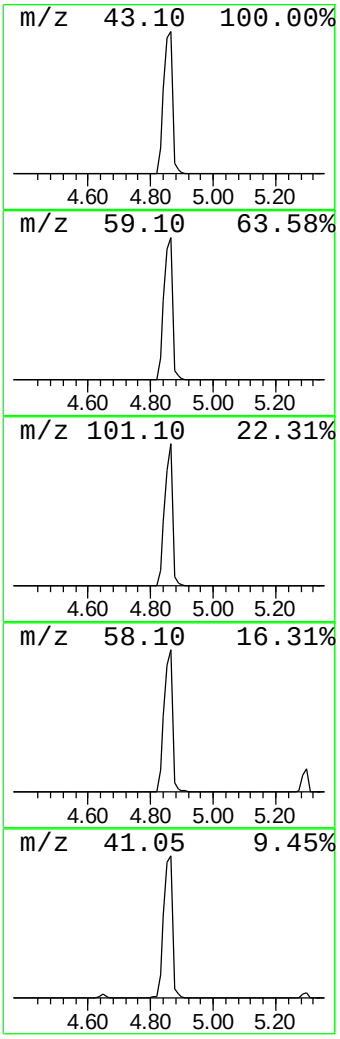
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	87.60 ng	4607490	1,4-Dichlorobenzene-d4	6.69

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	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084756.D
Acq On : 2 Feb 2016 20:04
Operator : SJ/IZ
Sample : H1314-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELDON-WC-SC-018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

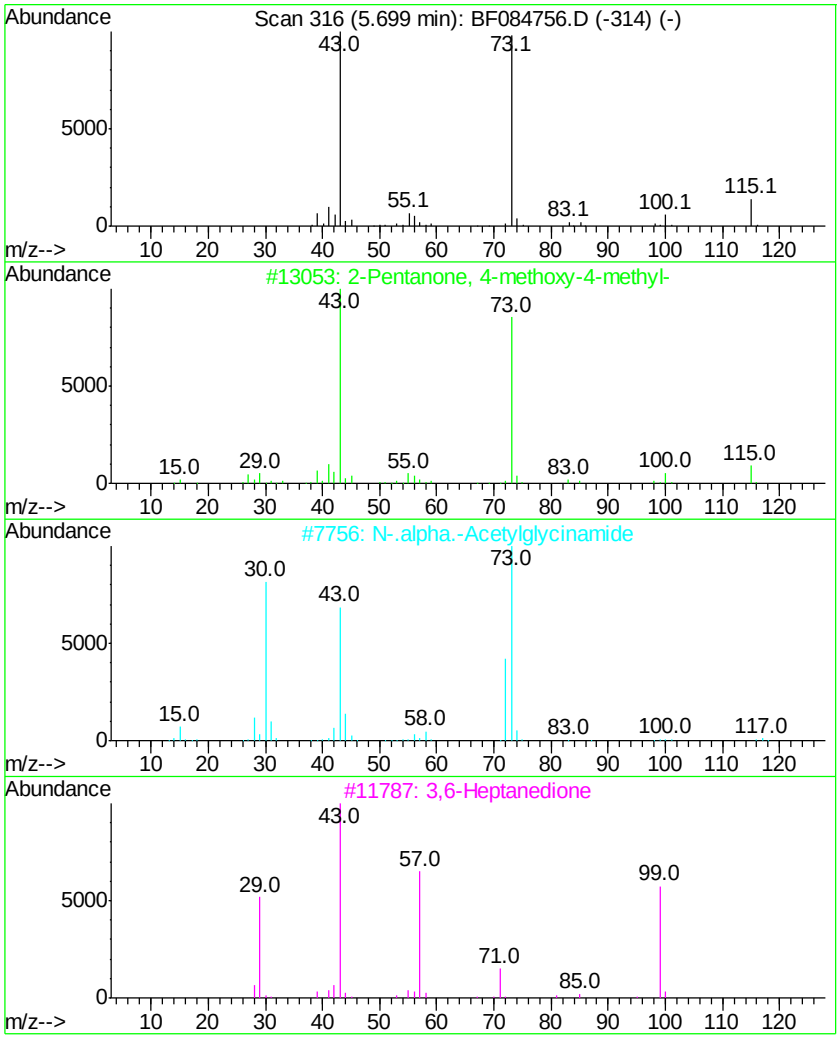
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

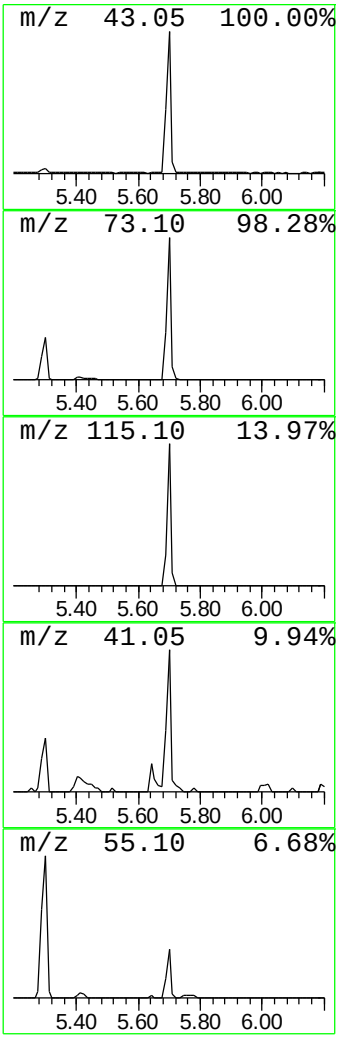
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	5.24 ng	275580	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
3	3,6-Heptanedione	128	C7H12O2	001703-51-1	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	N-Formylmorpholine	115	C5H9NO2	004394-85-8	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084756.D
Acq On : 2 Feb 2016 20:04
Operator : SJ/IZ
Sample : H1314-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELDON-WC-SC-018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

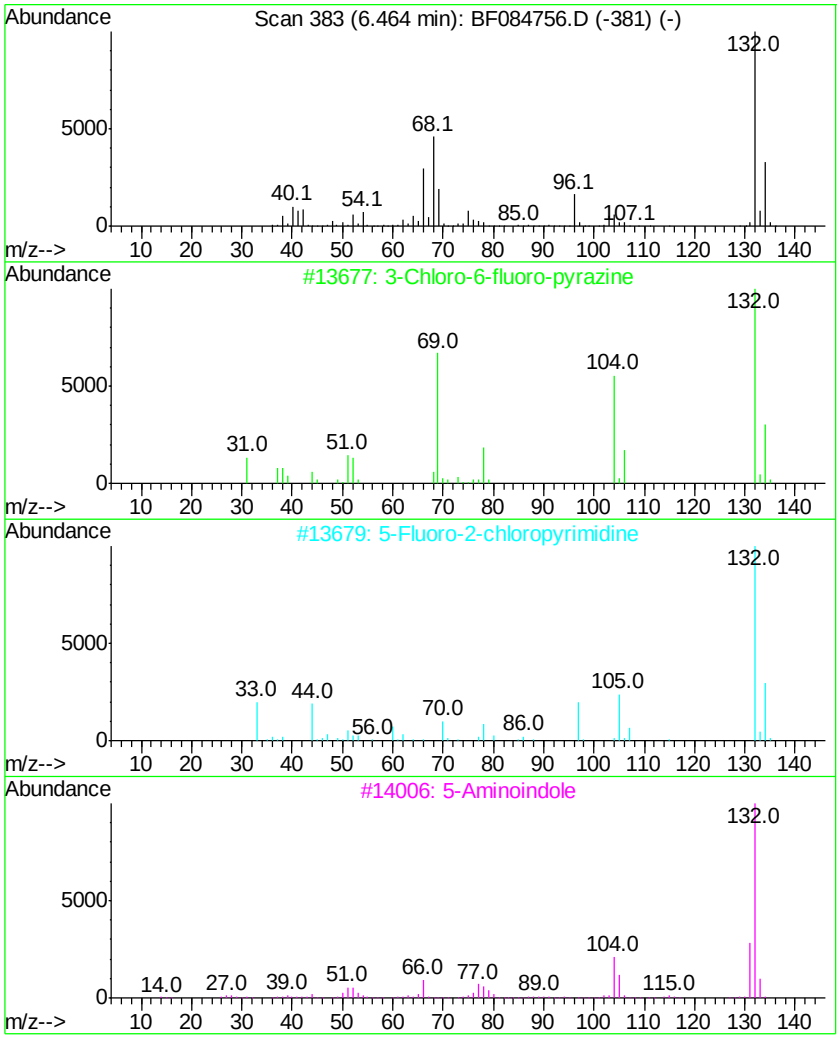
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

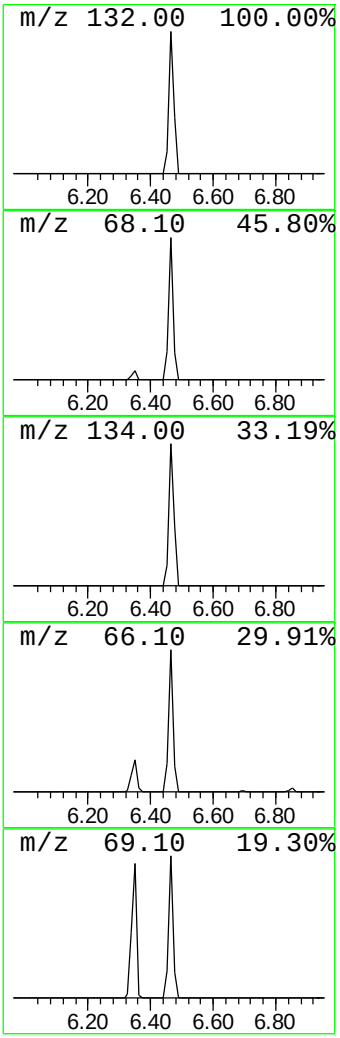
****

Peak Number 4 unknown6.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	77.53 ng	4077890	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084756.D
Acq On : 2 Feb 2016 20:04
Operator : SJ/IZ
Sample : H1314-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELDON-WC-SC-018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

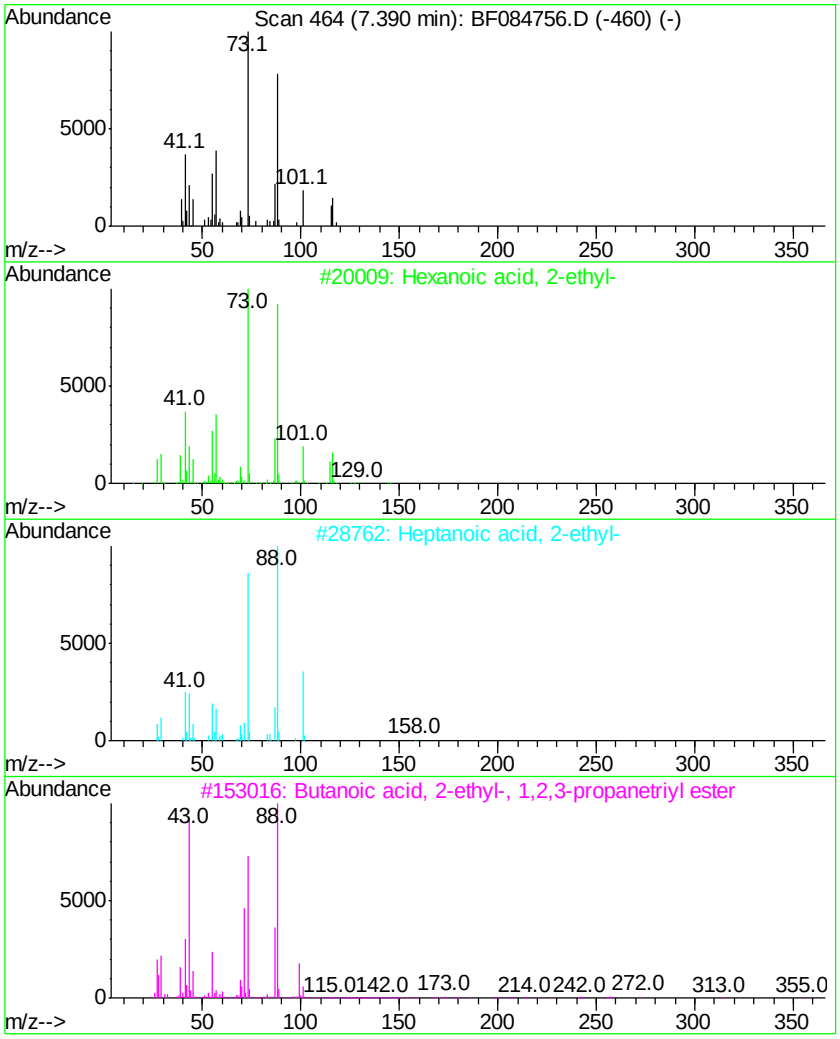
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

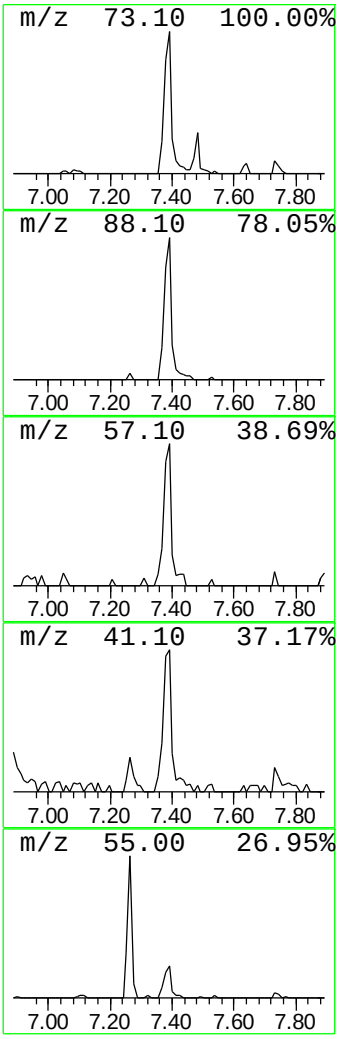
****

Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	2.07 ng	150085	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4	1,4-Dioxane	88	C4H8O2	000123-91-1	38
5	trans-4-Fluoro-l-proline	133	C5H8FNO2	1000132-55-8	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084756.D
Acq On : 2 Feb 2016 20:04
Operator : SJ/IZ
Sample : H1314-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELDON-WC-SC-018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

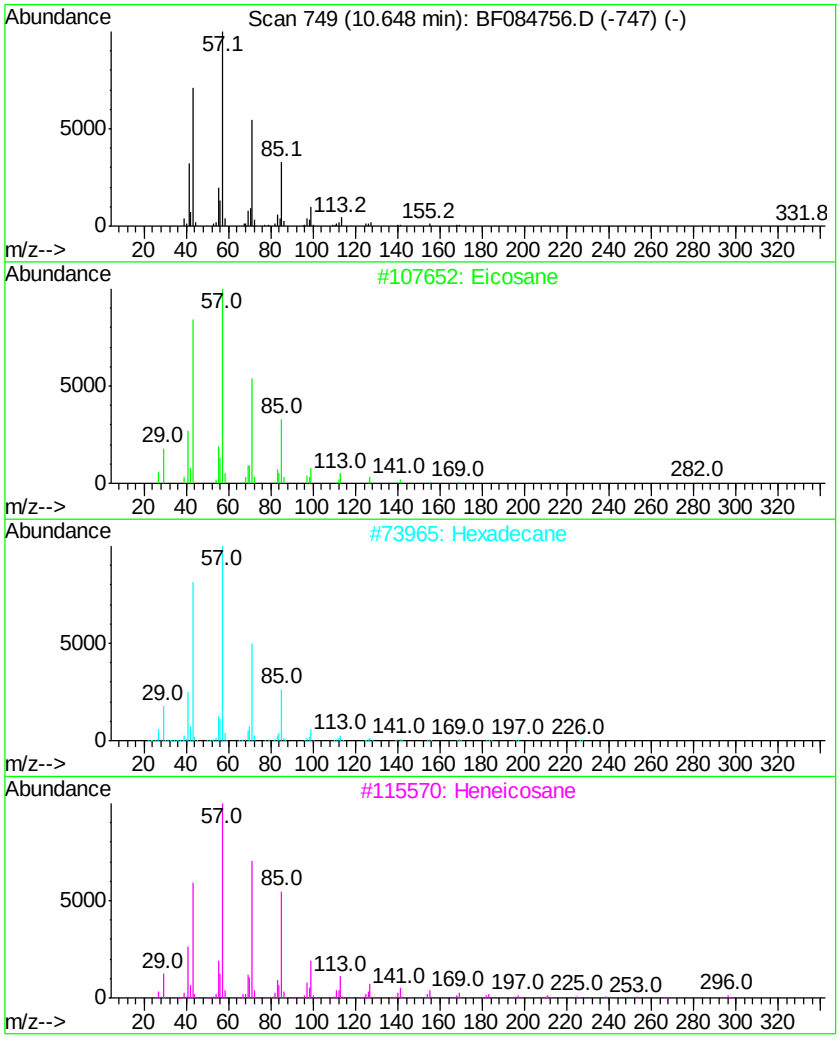
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

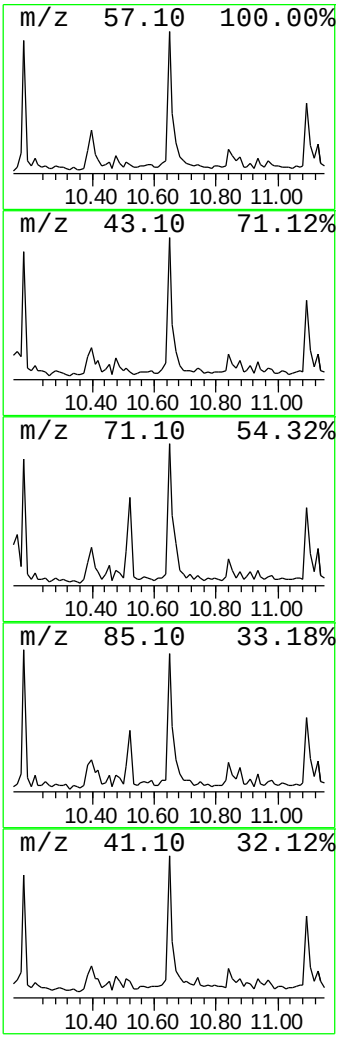
****

Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	3.26 ng	256958	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tetracosane	338	C24H50	000646-31-1	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084756.D
Acq On : 2 Feb 2016 20:04
Operator : SJ/IZ
Sample : H1314-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELDON-WC-SC-018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

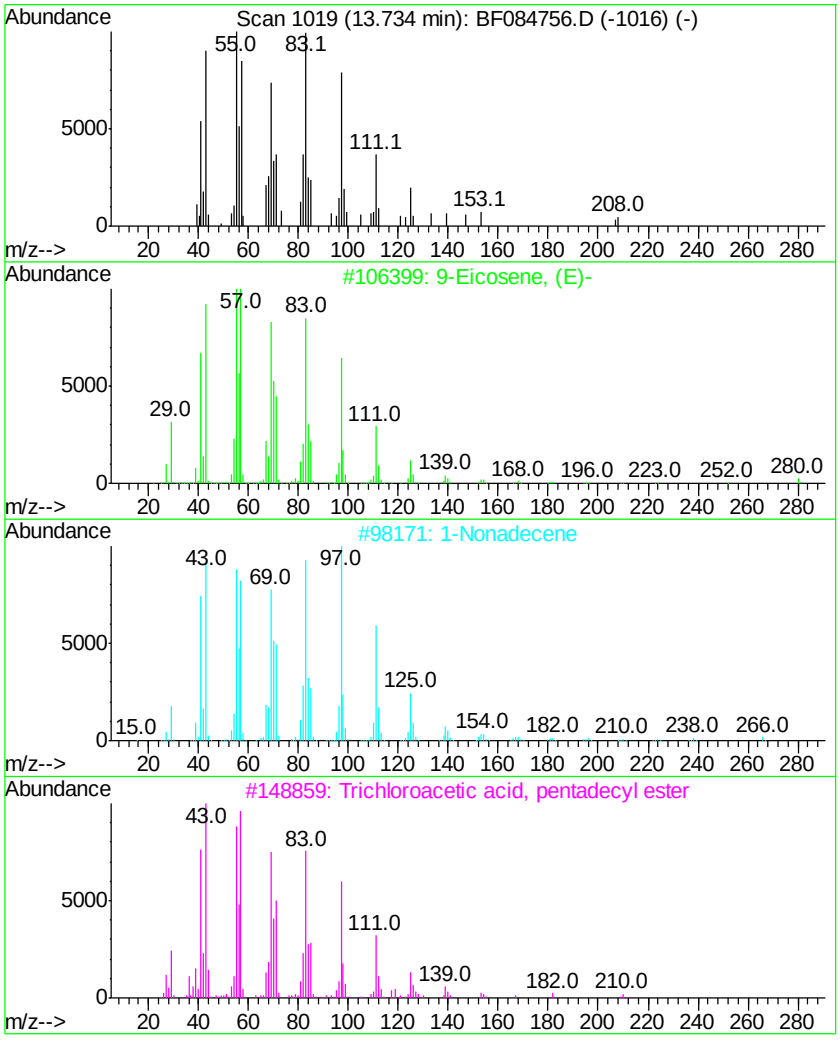
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

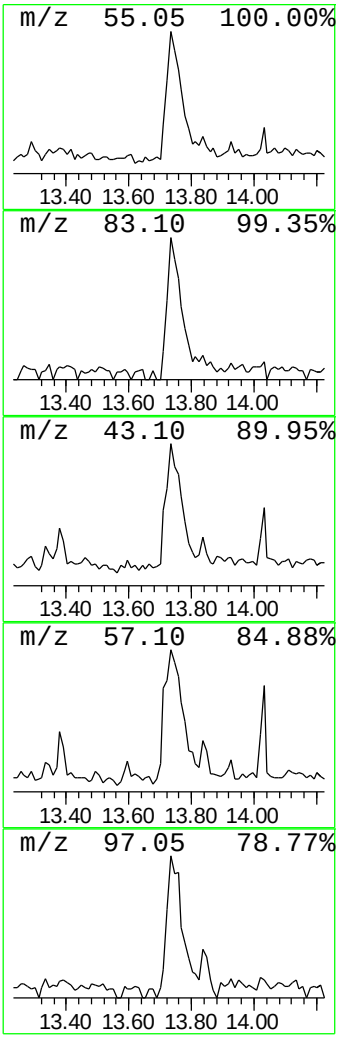
****

Peak Number 8 9-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.32 ng	238759	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	1-Nonadecene	266	C19H38	018435-45-5	72
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	68
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	64
5	1-Docosene	308	C22H44	001599-67-3	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
Data File : BF084756.D
Acq On : 2 Feb 2016 20:04
Operator : SJ/IZ
Sample : H1314-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELDON-WC-SC-018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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...	4.14	7.4	ng	391050	1	6.69	1051980	20.0
2-Pentanone, 4-hy...	4.86	87.6	ng	4607490	1	6.69	1051980	20.0
2-Pentanone, 4-me...	5.70	5.2	ng	275580	1	6.69	1051980	20.0
unknown6.46	6.46	77.5	ng	4077890	1	6.69	1051980	20.0
Hexanoic acid, 2-...	7.39	2.1	ng	150085	2	7.98	1452430	20.0
Eicosane	10.65	3.3	ng	256958	4	11.22	1577830	20.0
9-Eicosene, (E)-	13.73	3.3	ng	238759	5	13.85	1440080	20.0