LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084656.D
Acq On : 30 Jan 2016 1:00
Operator : SJ/IZ
Sample : H1303-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTHWALL-UST-16

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-BF012916.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	4.190	182	184	189	rBV	321966	404965	6.79%	0.711%
2	4.899	241	246	248	rBV	3001432	5020069	84.18%	8.814%
3	5.333	281	284	286	rBV	3886432	5777872	96.89%	10.144%
4	5.722	316	318	321	rBV	301172	308208	5.17%	0.541%
5	6.373	372	375	377	rBV	4886515	5161718	86.56%	9.062%
6	6.499	383	386	388	rBV	4661239	5939559	99.60%	10.428%
7	6.727	403	406	408	rBV	809498	1089563	18.27%	1.913%
8	6.876	417	419	422	rVB	3862864	3902319	65.44%	6.851%
9	7.287	452	455	458	rBV	2788217	3592546	60.24%	6.307%
10	8.007	516	518	520	rBV	1786621	1520998	25.51%	2.670%
11	9.093	610	613	615	rBV	5339604	5963367	100.00%	10.470%
12	9.482	645	647	649	rBV	651599	622595	10.44%	1.093%
13	9.699	665	666	669	rBV	92407	110895	1.86%	0.195%
14	9.756	669	671	674	rVB	1575427	1611348	27.02%	2.829%
15	10.202	708	710	712	rVB	215051	171902	2.88%	0.302%
16	10.419	727	729	732	rBV	58732	101312	1.70%	0.178%
17	10.545	738	740	743	rBV2	3409818	4068739	68.23%	7.143%
18	10.671	750	751	756	rBV	171925	214579	3.60%	0.377%
19	11.242	798	801	803	rBV	1649608	1711161	28.69%	3.004%
20	12.831	937	940	942	rBV	5760685	5932989	99.49%	10.417%
21	13.757	1017	1021	1028	rBV2	170153	590579	9.90%	1.037%
22	13.871	1028	1031	1033	rVB	1621764	1646631	27.61%	2.891%
23	14.625	1095	1097	1103	rBV2	53683	82155	1.38%	0.144%
24	14.717	1103	1105	1107	rVB	113720	103132	1.73%	0.181%
25	15.254	1149	1152	1155	rBV	1027010	1212266	20.33%	2.128%
26	15.791	1194	1199	1206	rBV7	21702	95758	1.61%	0.168%

Sum of corrected areas: 56957225

LSC Report - Integrated Chromatogram

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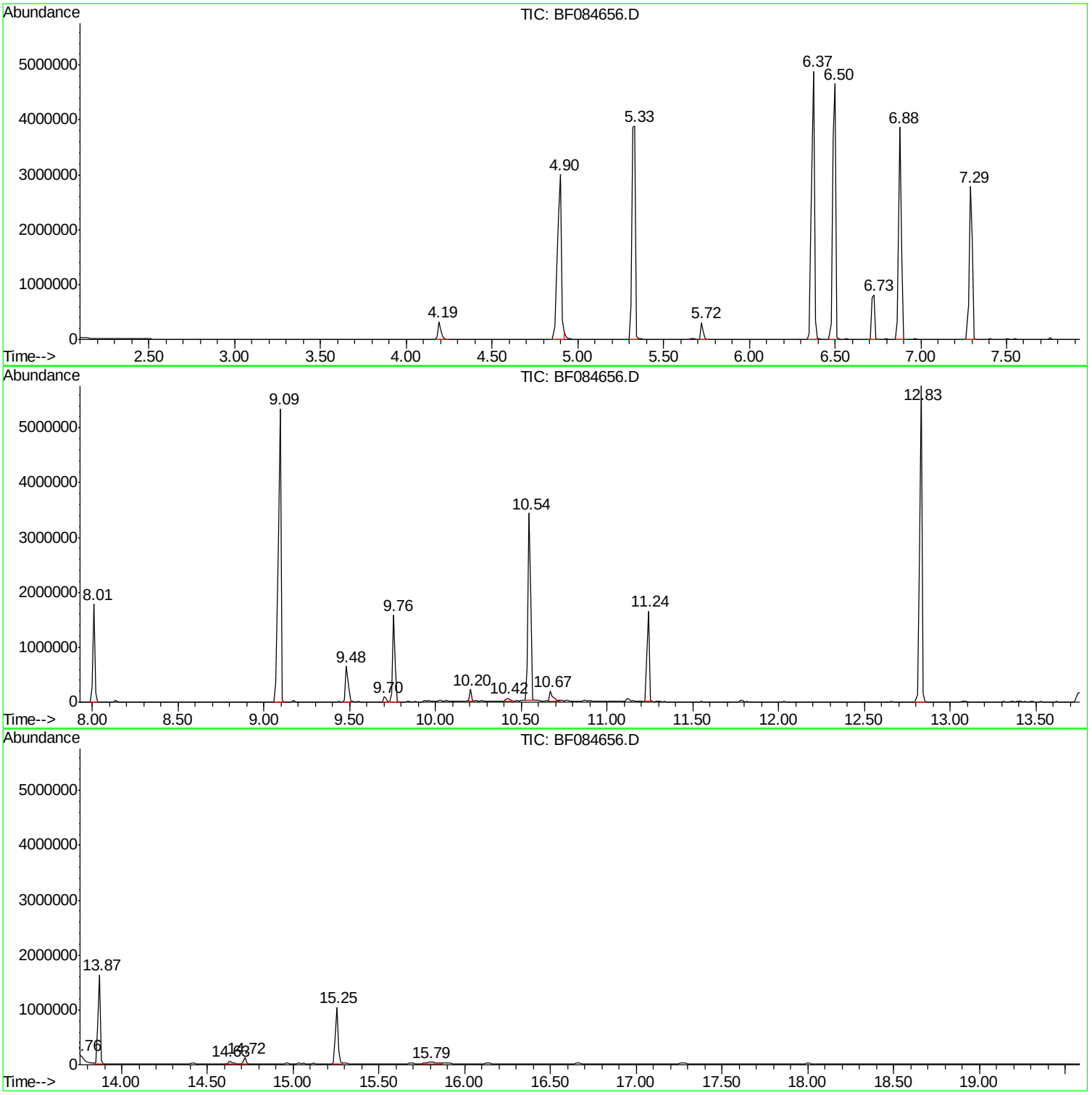
BNA_F
ClientSampleId :
NORTHWALL-UST-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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Sample : H1303-03
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

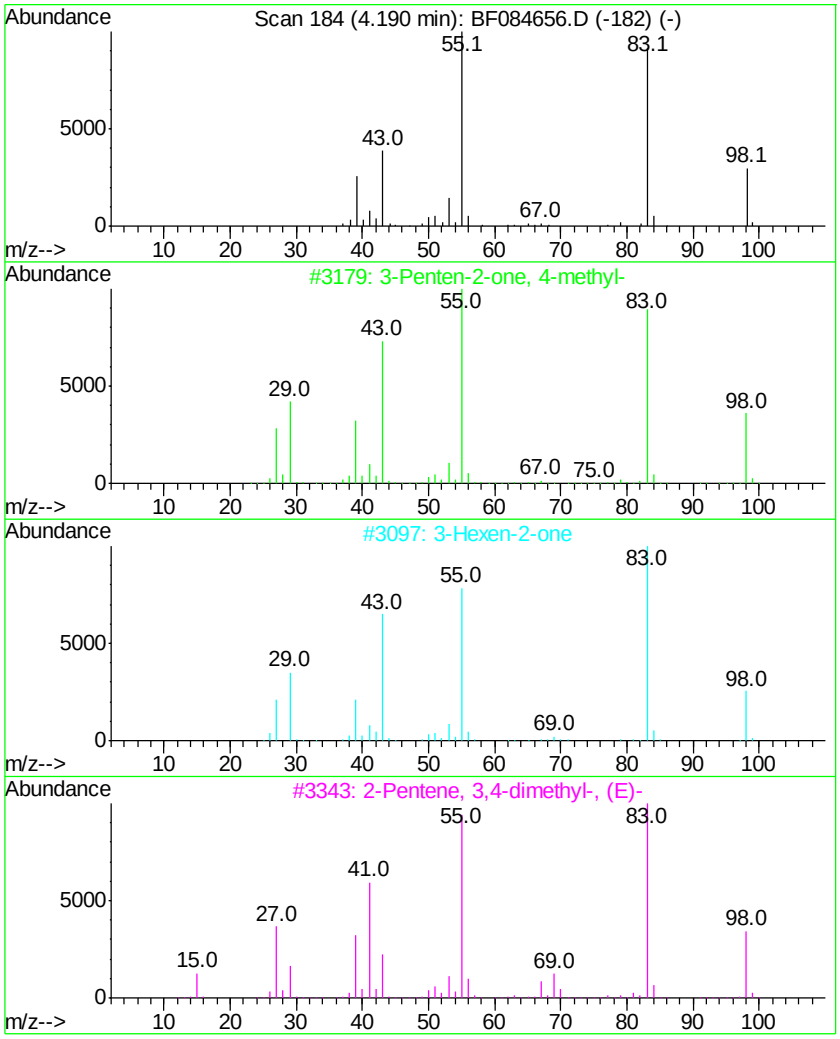
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

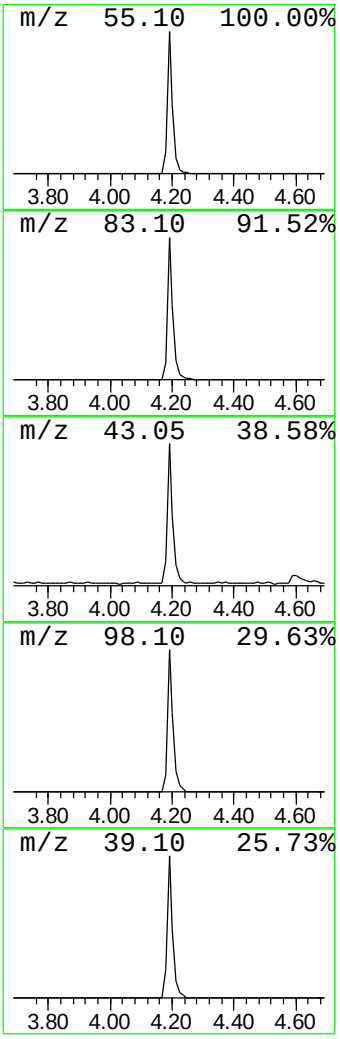
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	7.43 ng	404965	1,4-Dichlorobenzene-d4	6.73

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	90
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, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : NORTHWALL-UST-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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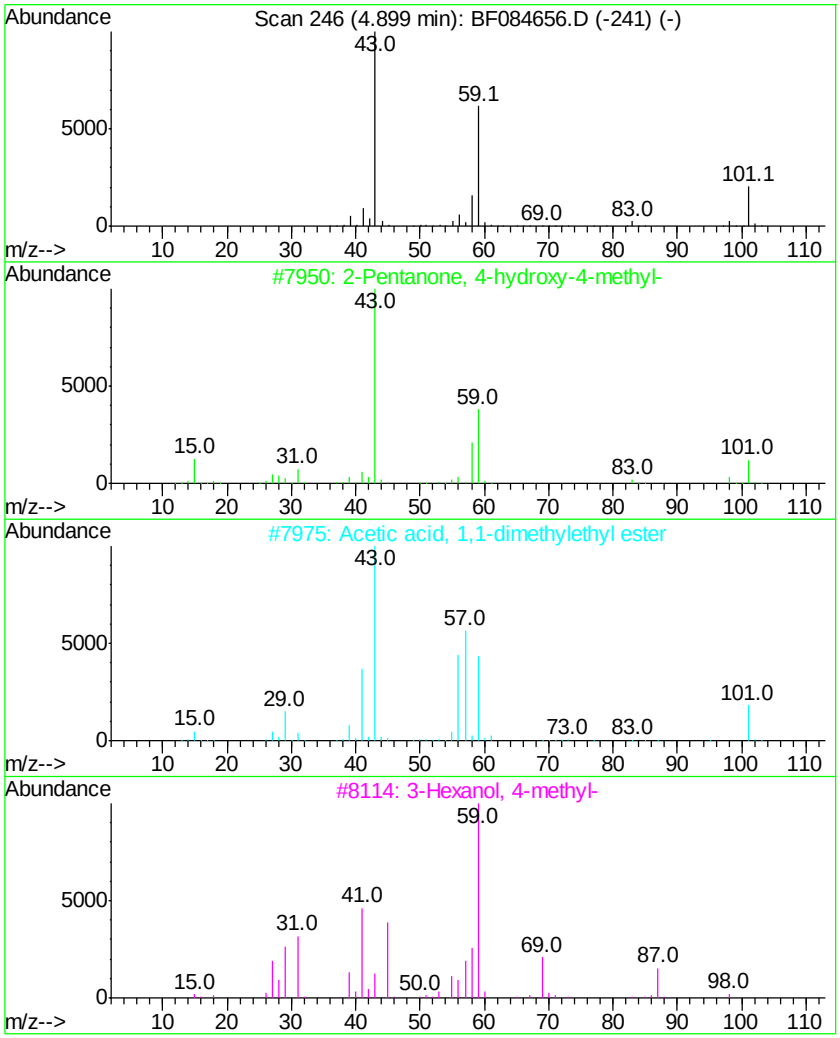
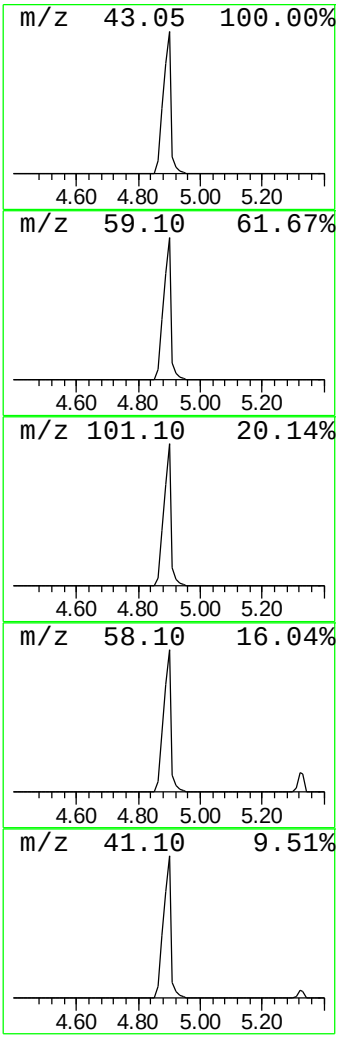
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	92.15 ng	5020070	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF084656.D
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Operator : SJ/IZ
Sample : H1303-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTHWALL-UST-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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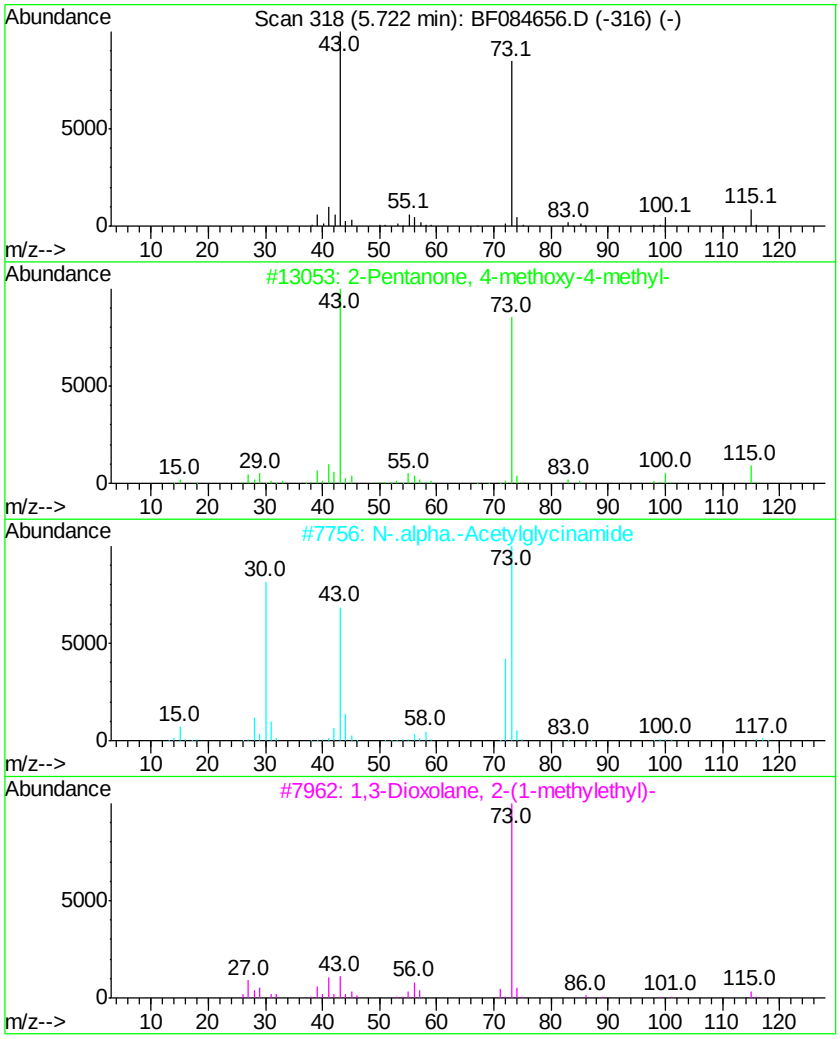
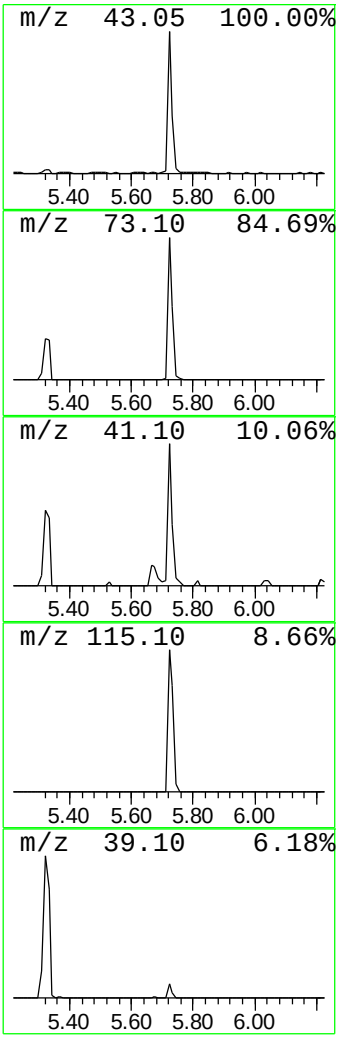
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	5.66 ng	308208	1,4-Dichlorobenzene-d4	6.73

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	47
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	23
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17
5	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	12





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Instrument : BNA_F
ClientSampleId : NORTHWALL-UST-16

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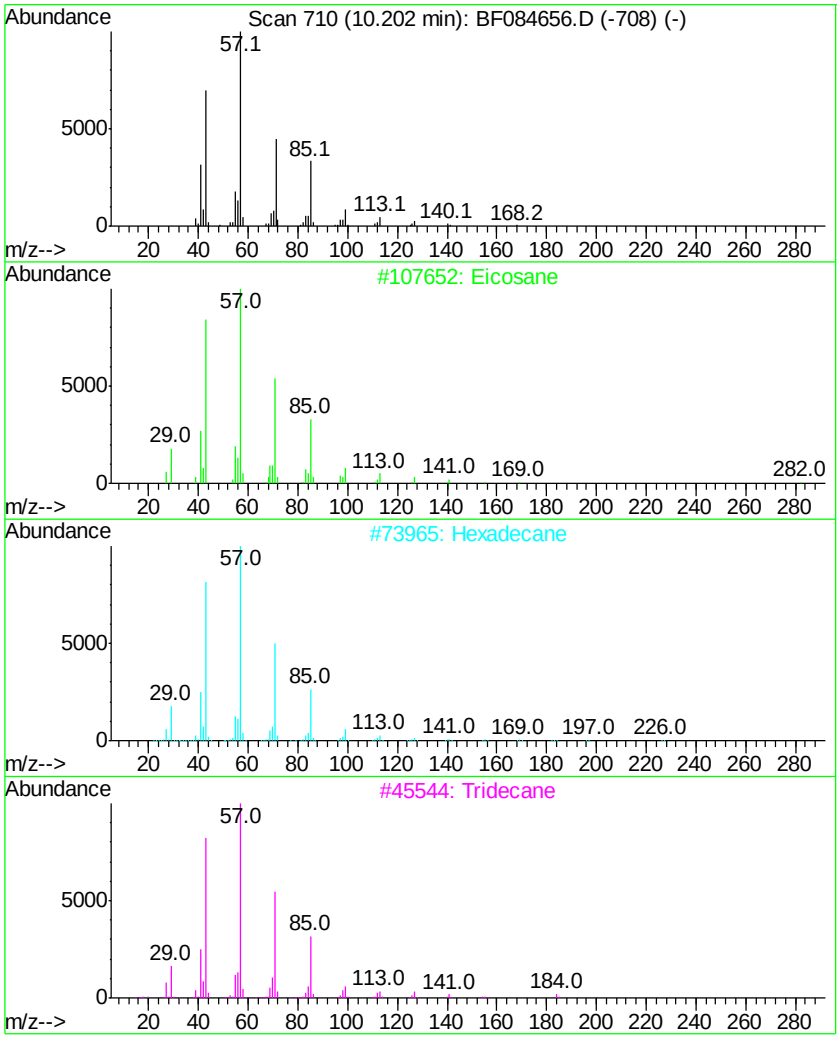
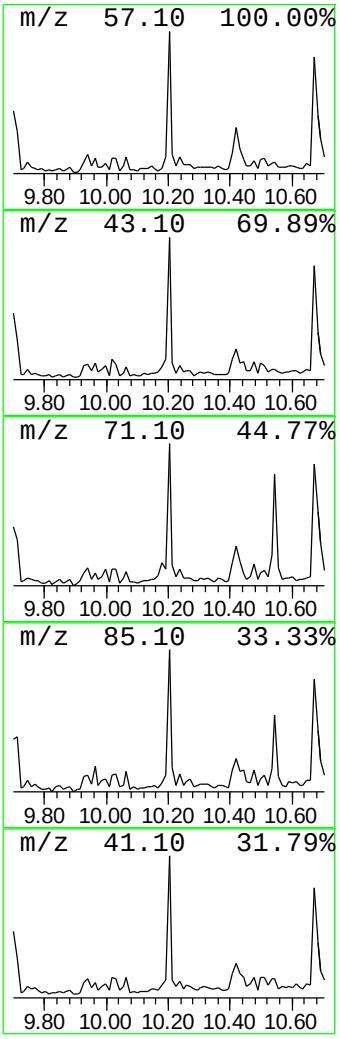
Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.13 ng	171902	Acenaphthene-d10	9.76

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	Tridecane	184	C13H28	000629-50-5	90
4	Pentadecane	212	C15H32	000629-62-9	78
5	Tetradecane	198	C14H30	000629-59-4	78





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TIC Library : C:\DATABASE\NIST02.L
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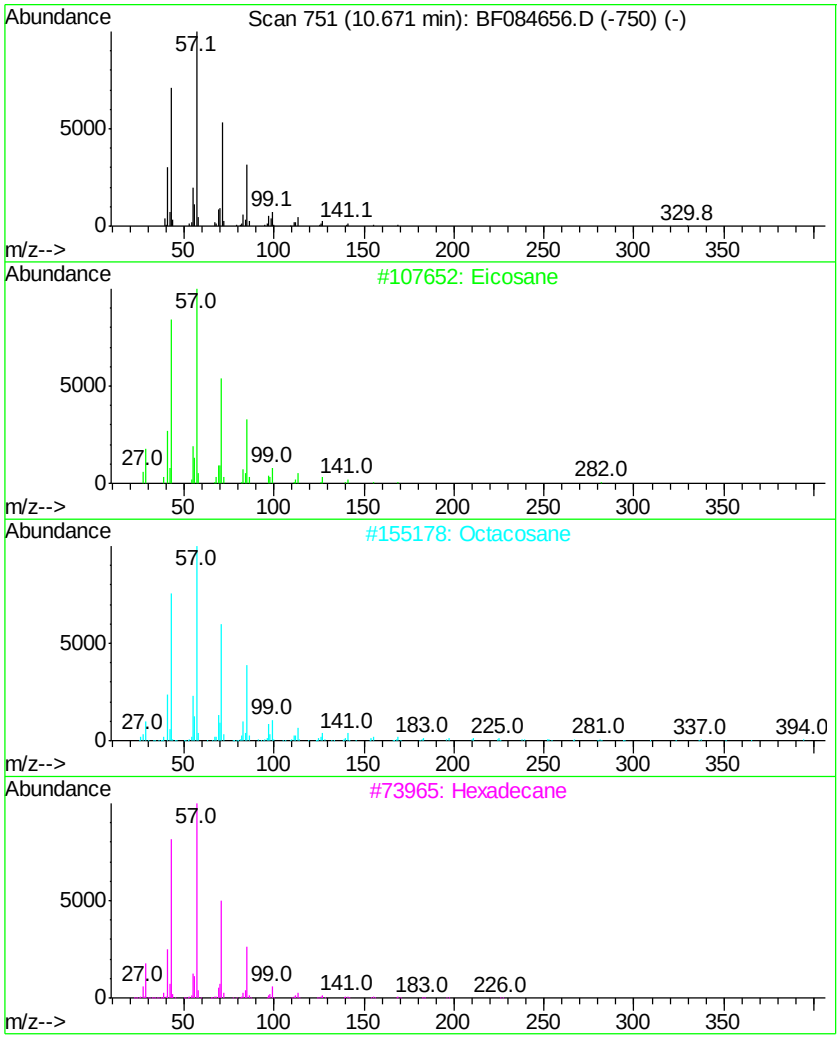
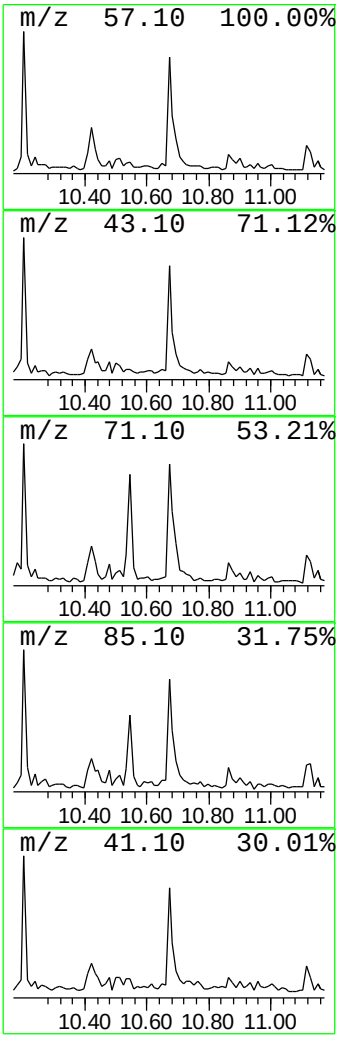
Peak Number 7 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.51 ng	214579	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Pentadecane	212	C15H32	000629-62-9	80





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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTHWALL-UST-16

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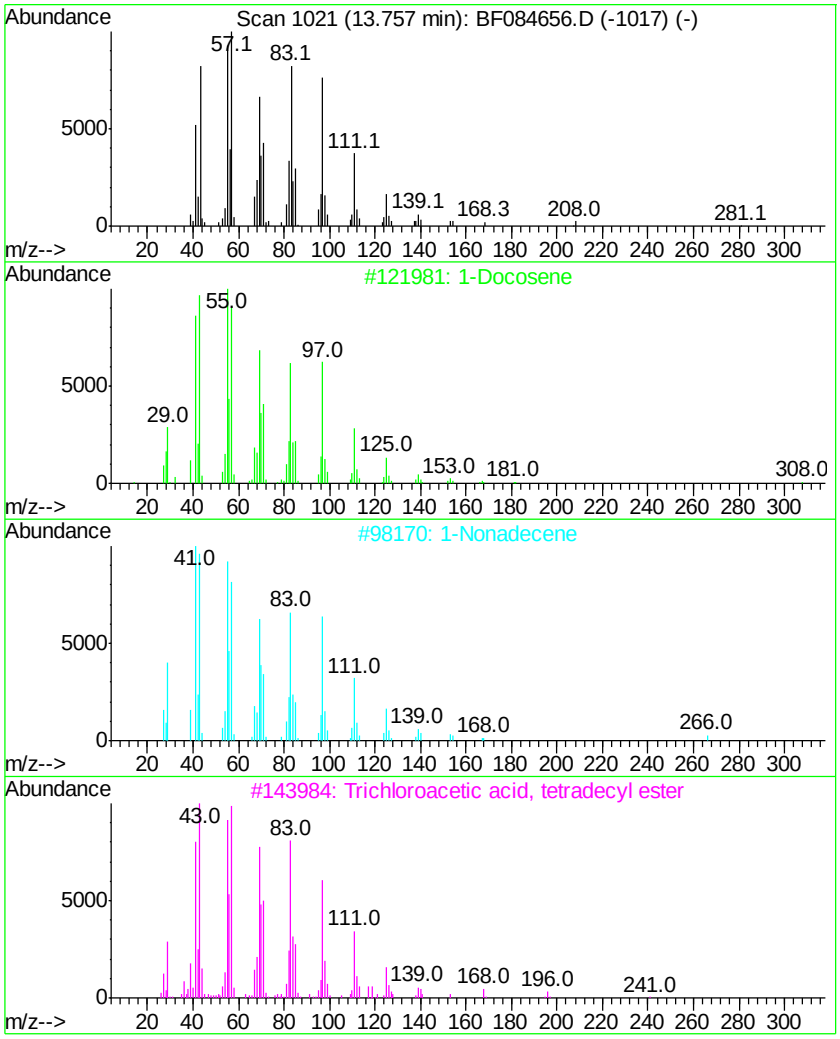
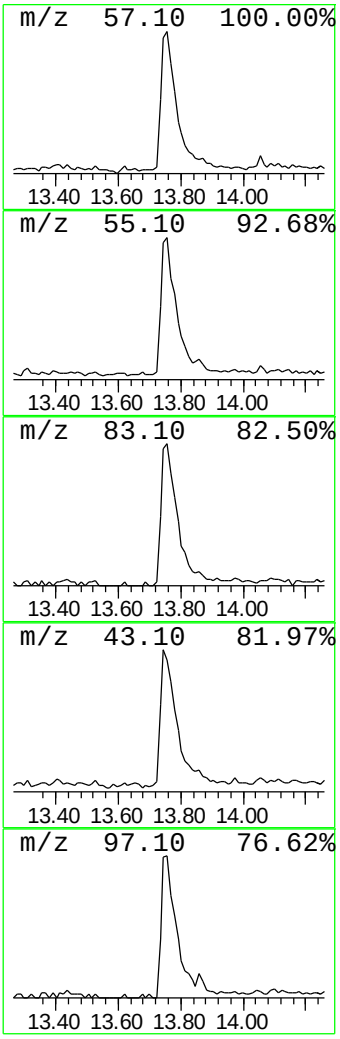
Peak Number 8 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	7.17 ng	590579	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	83
4	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	83
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	81





Tentatively Identified Compound (LSC) summary

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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...	4.19	7.4	ng	404965	1	6.73	1089560	20.0
2-Pentanone, 4-hy...	4.90	92.2	ng	5020070	1	6.73	1089560	20.0
2-Pentanone, 4-me...	5.72	5.7	ng	308208	1	6.73	1089560	20.0
Eicosane	10.20	2.1	ng	171902	3	9.76	1611350	20.0
Octacosane	10.67	2.5	ng	214579	4	11.24	1711160	20.0
1-Docosene	13.76	7.2	ng	590579	5	13.87	1646630	20.0