LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084757.D
Acq On : 2 Feb 2016 20:32
Operator : SJ/IZ
Sample : H1314-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IMPACT-PS-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-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	349137	487579	7.62%	0.880%
2	4.864	238	243	251	rVB	2892584	5028881	78.58%	9.073%
3	5.299	278	281	284	rBV	4705968	5000030	78.13%	9.021%
4	5.699	314	316	318	rBV	382862	346616	5.42%	0.625%
5	6.350	370	373	375	rBV	4478120	4885740	76.35%	8.815%
6	6.465	380	383	386	rBV	4287301	5113587	79.91%	9.226%
7	6.693	401	403	406	rBV	1212453	1072168	16.75%	1.934%
8	6.853	414	417	419	rBV	4609334	4056884	63.40%	7.320%
9	7.265	450	453	456	rBV	2870380	3210365	50.17%	5.792%
10	7.390	460	464	470	rBV	99597	154919	2.42%	0.280%
11	7.985	513	516	518	rBV	1651819	1486156	23.22%	2.681%
12	9.070	607	611	613	rBV	5204087	6399344	100.00%	11.546%
13	9.459	643	645	647	rBV	1042722	996679	15.57%	1.798%
14	9.676	662	664	666	rBV	96837	94328	1.47%	0.170%
15	9.733	666	669	672	rVB	1714108	1580283	24.69%	2.851%
16	10.156	704	706	707	rBV	44366	71423	1.12%	0.129%
17	10.179	707	708	710	rVB	219435	156829	2.45%	0.283%
18	10.396	724	727	730	rBV	68453	107507	1.68%	0.194%
19	10.522	735	738	741	rVV	3540487	3837163	59.96%	6.923%
20	10.648	747	749	754	rBV	226647	266249	4.16%	0.480%
21	11.094	786	788	790	rBV	153905	151640	2.37%	0.274%
22	11.208	796	798	801	rVB	1212861	1574999	24.61%	2.842%
23	11.471	818	821	824	rBV	71146	167229	2.61%	0.302%
24	11.516	824	825	832	rVB	74792	128918	2.01%	0.233%
25	11.928	857	861	863	rBV	68054	88650	1.39%	0.160%
26	12.008	866	868	872	rVB	102186	101299	1.58%	0.183%
27	12.808	935	938	940	rBV	5451278	6140396	95.95%	11.079%
28	13.734	1013	1019	1026	rBV2	60451	215537	3.37%	0.389%
29	13.848	1026	1029	1031	rVV	1065672	1461776	22.84%	2.637%
30	15.220	1146	1149	1152	rBV	901594	1041032	16.27%	1.878%

Sum of corrected areas: 55424206

LSC Report - Integrated Chromatogram

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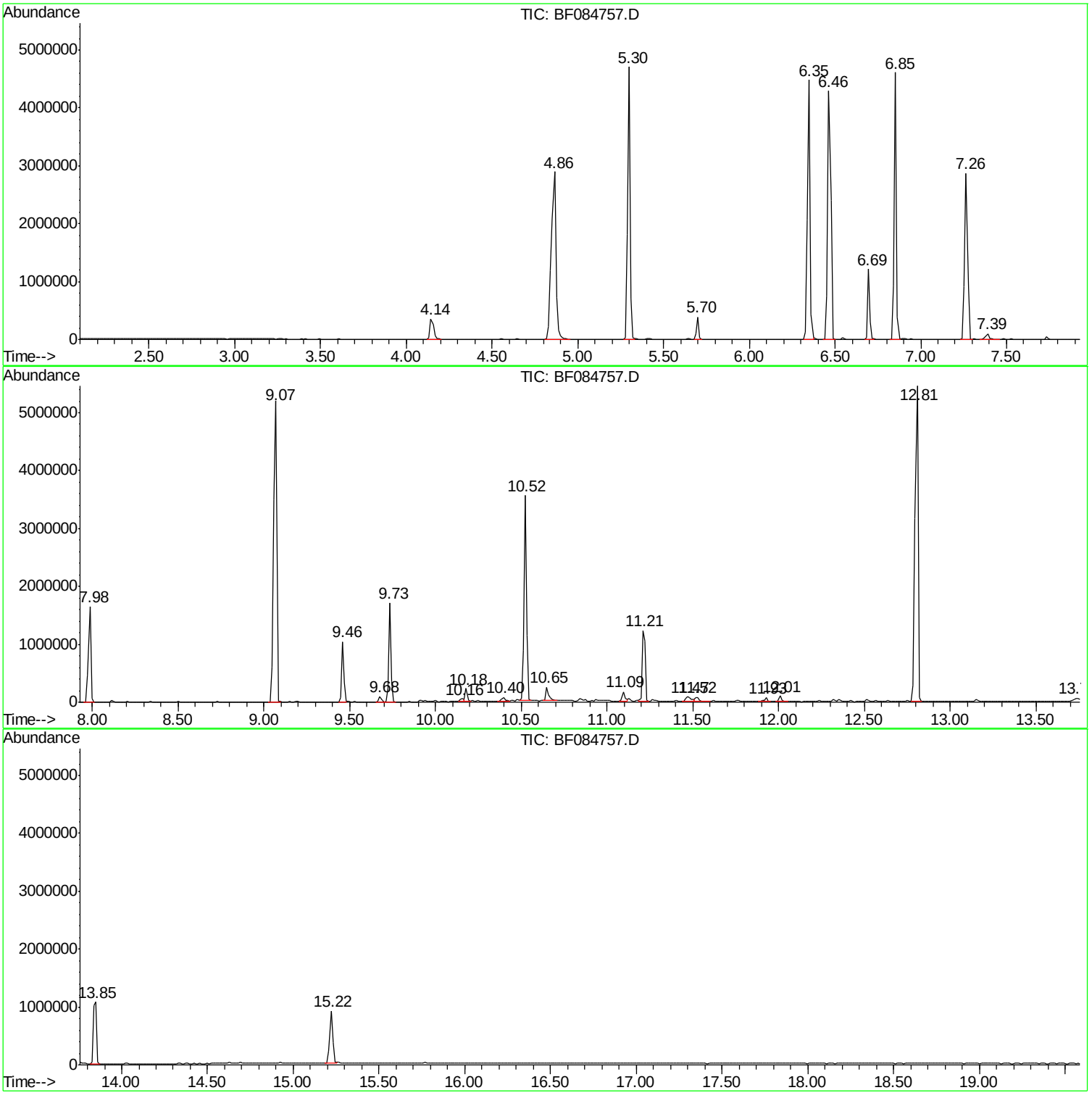
Operator : SJ/IZ
Sample : H1314-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IMPACT-PS-001

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



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Acq On : 2 Feb 2016 20:32
Operator : SJ/IZ
Sample : H1314-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IMPACT-PS-001

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

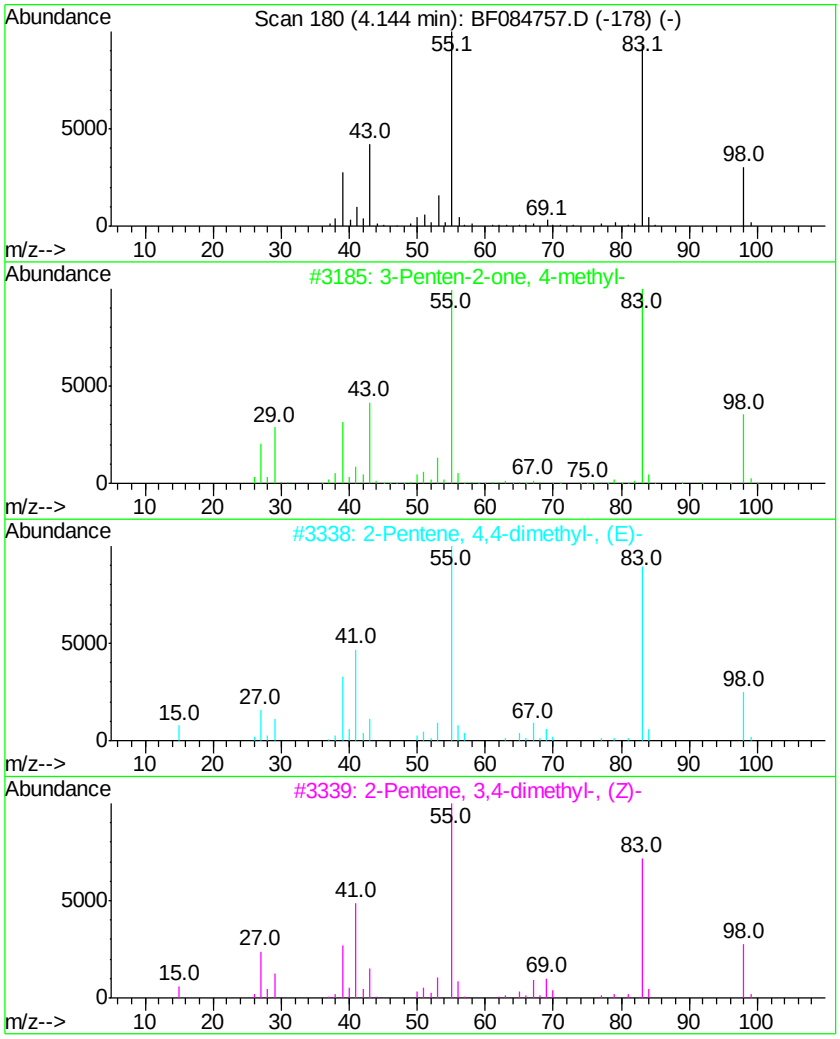
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

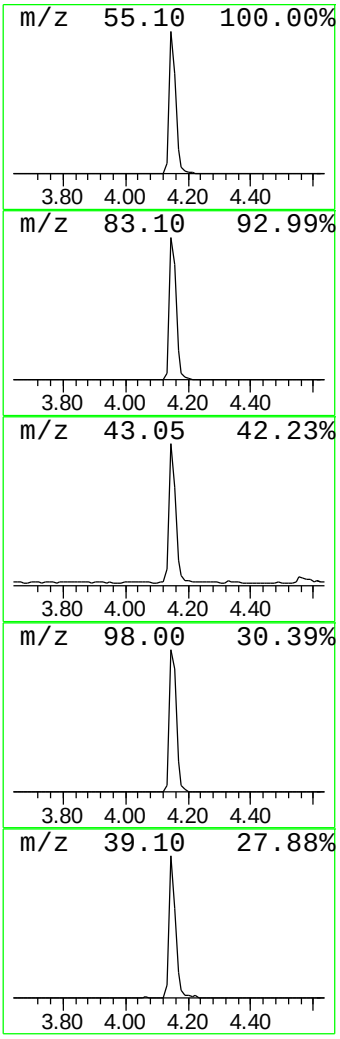
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.14	9.10 ng	487579	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	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	3-Hexen-2-one	98	C6H10O	000763-93-9	80





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Operator : SJ/IZ
Sample : H1314-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IMPACT-PS-001

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

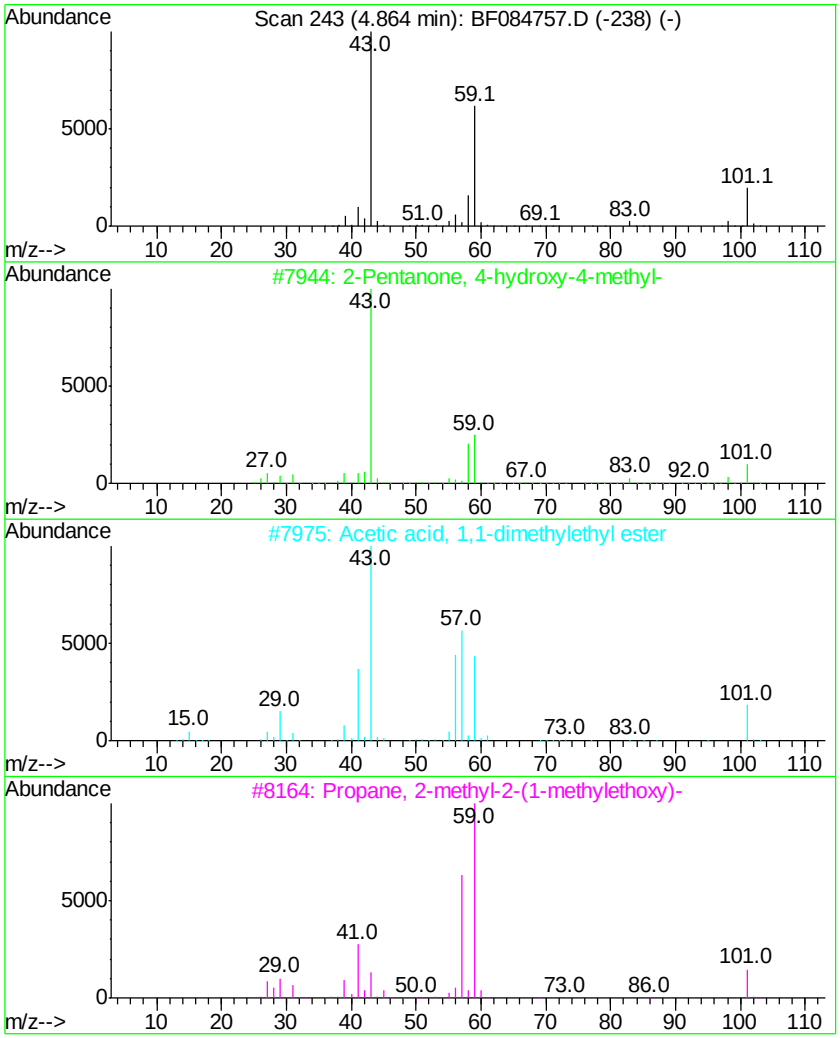
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

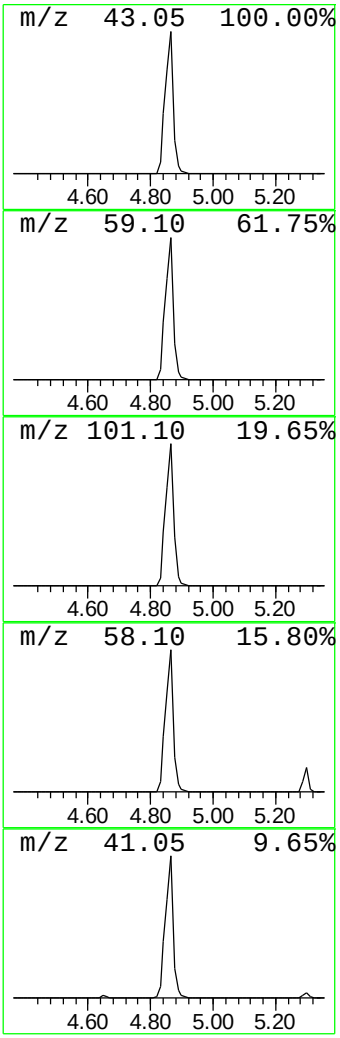
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	93.81 ng	5028880	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	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
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Acq On : 2 Feb 2016 20:32
Operator : SJ/IZ
Sample : H1314-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IMPACT-PS-001

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

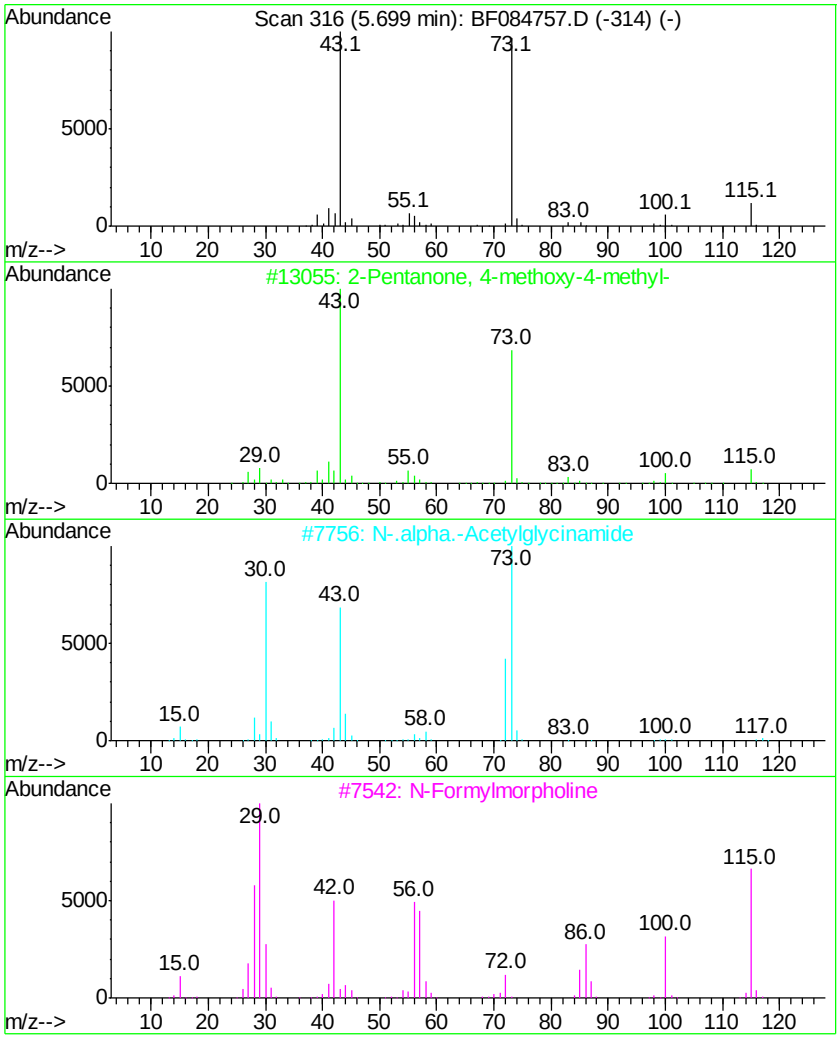
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

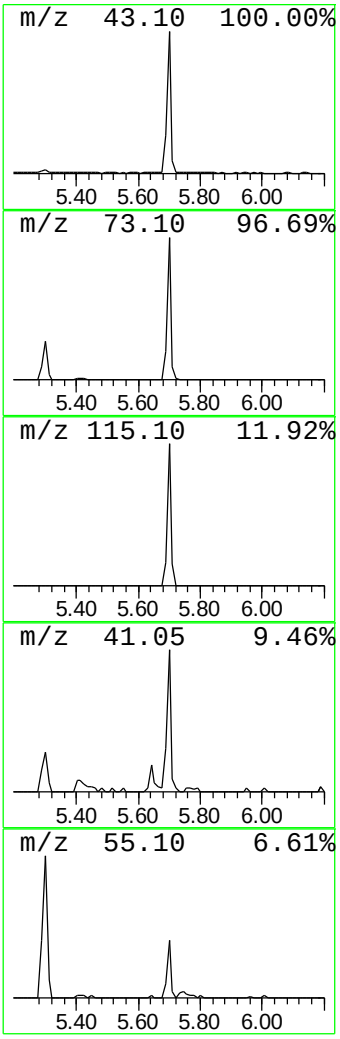
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	6.47 ng	346616	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	25
3	N-Formylmorpholine	115	C5H9NO2	004394-85-8	10
4	Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	9
5	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
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Acq On : 2 Feb 2016 20:32
Operator : SJ/IZ
Sample : H1314-02
Misc :
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Instrument : BNA_F
ClientSampleId : IMPACT-PS-001

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

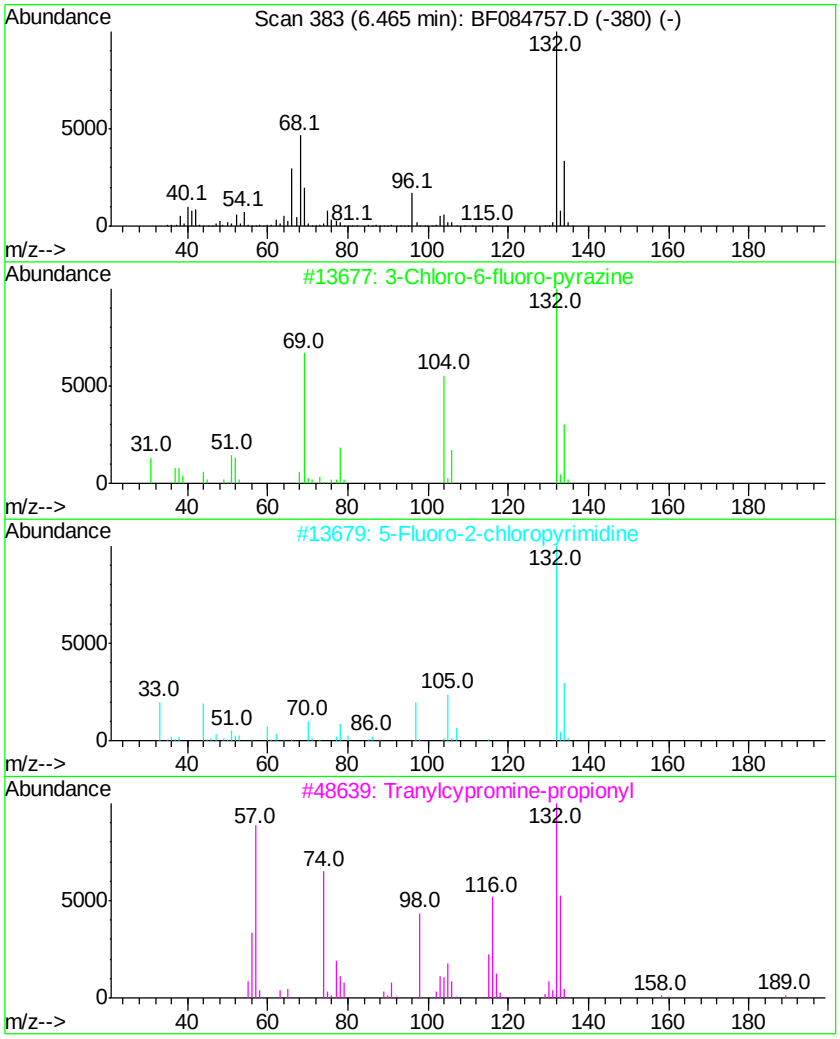
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

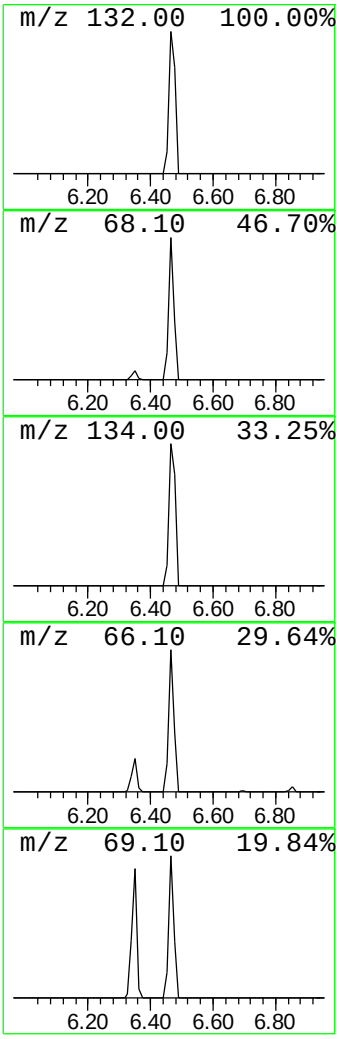
****

Peak Number 4 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	95.39 ng	5113590	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
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Operator : SJ/IZ
Sample : H1314-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IMPACT-PS-001

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

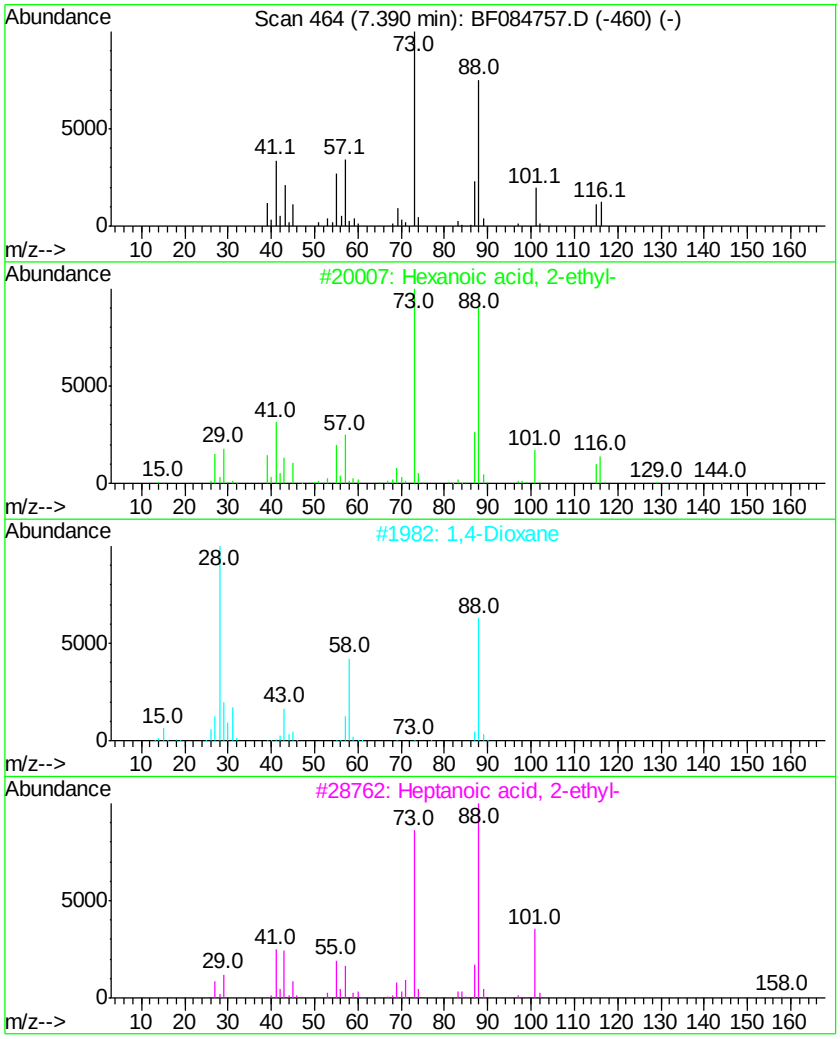
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

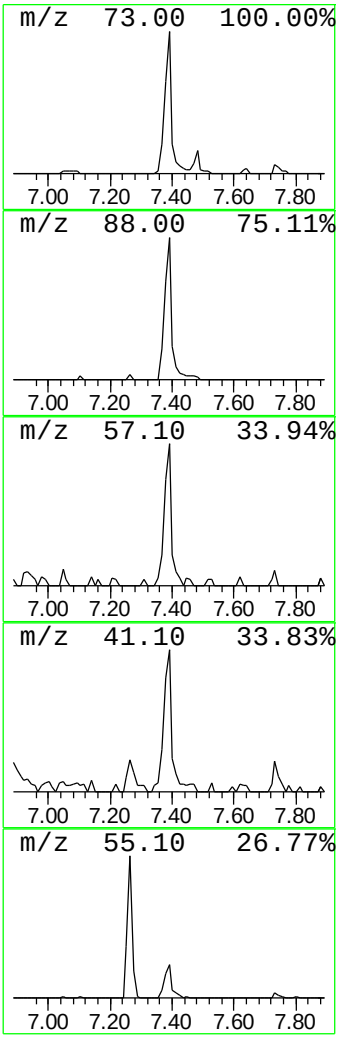
****

Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	2.08 ng	154919	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	1,4-Dioxane	88	C4H8O2	000123-91-1	43
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	40
5	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	28





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : IMPACT-PS-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
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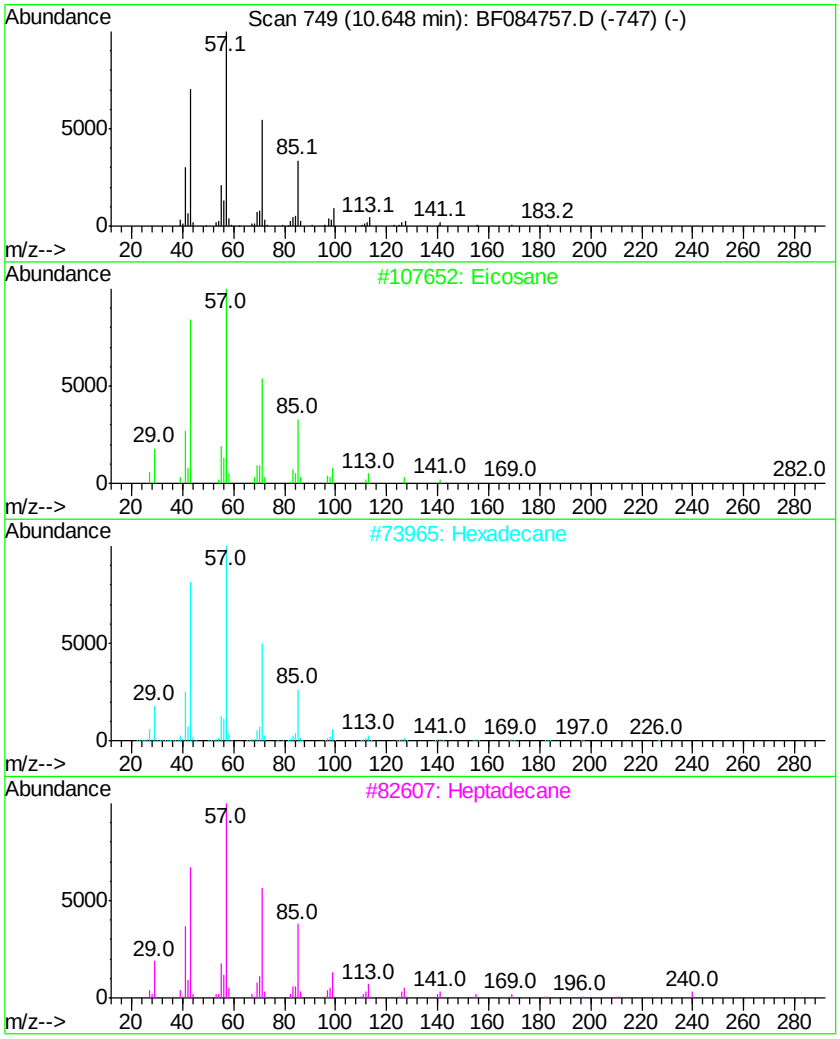
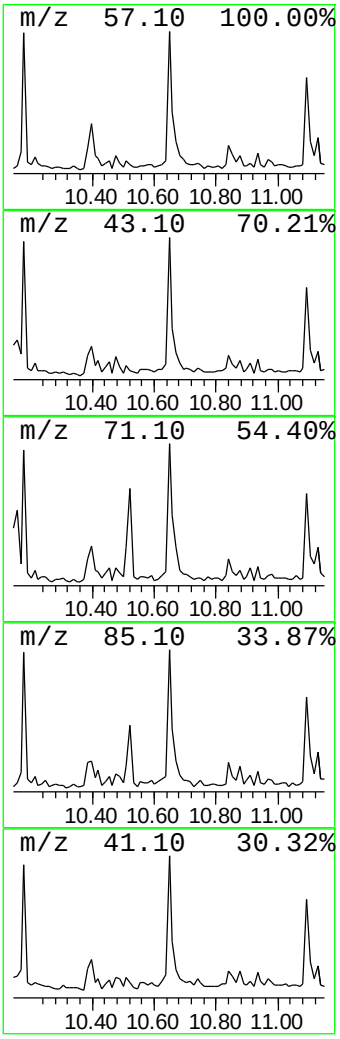
Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	3.38 ng	266249	Phenanthrene-d10	11.21

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	Heptadecane	240	C17H36	000629-78-7	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Pentadecane	212	C15H32	000629-62-9	90





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Instrument : BNA_F
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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

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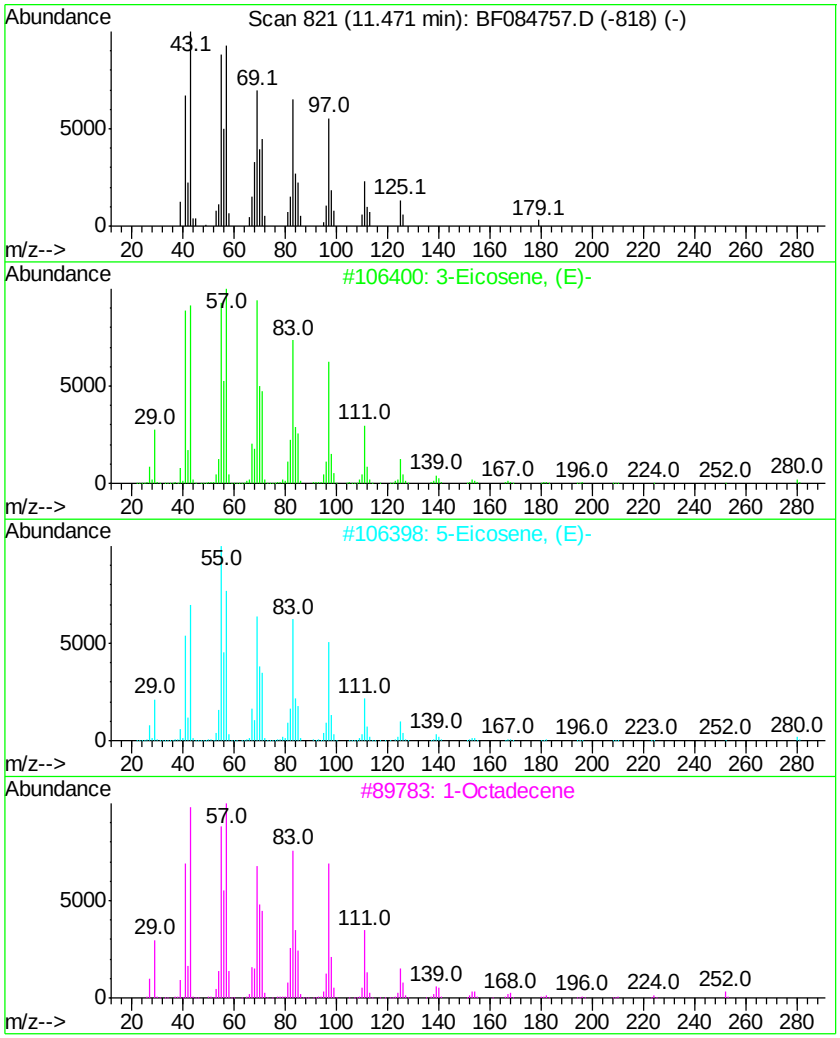
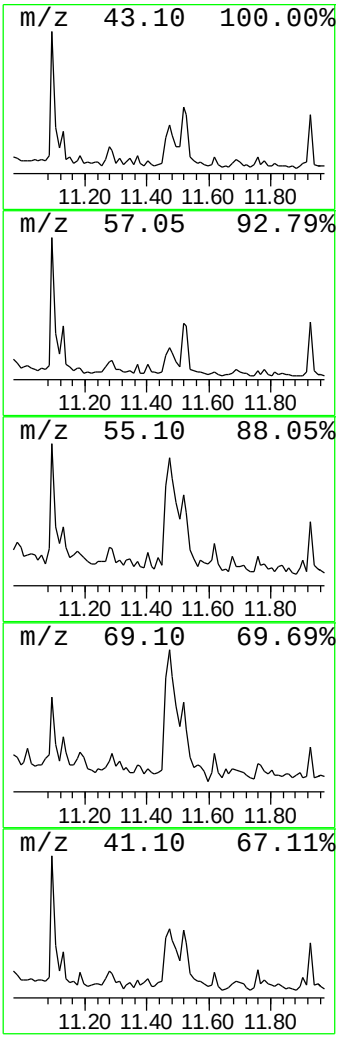
Peak Number 8 3-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.12 ng	167229	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3	1-Octadecene	252	C18H36	000112-88-9	91
4	11-Tricosene	322	C23H46	052078-56-5	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91





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

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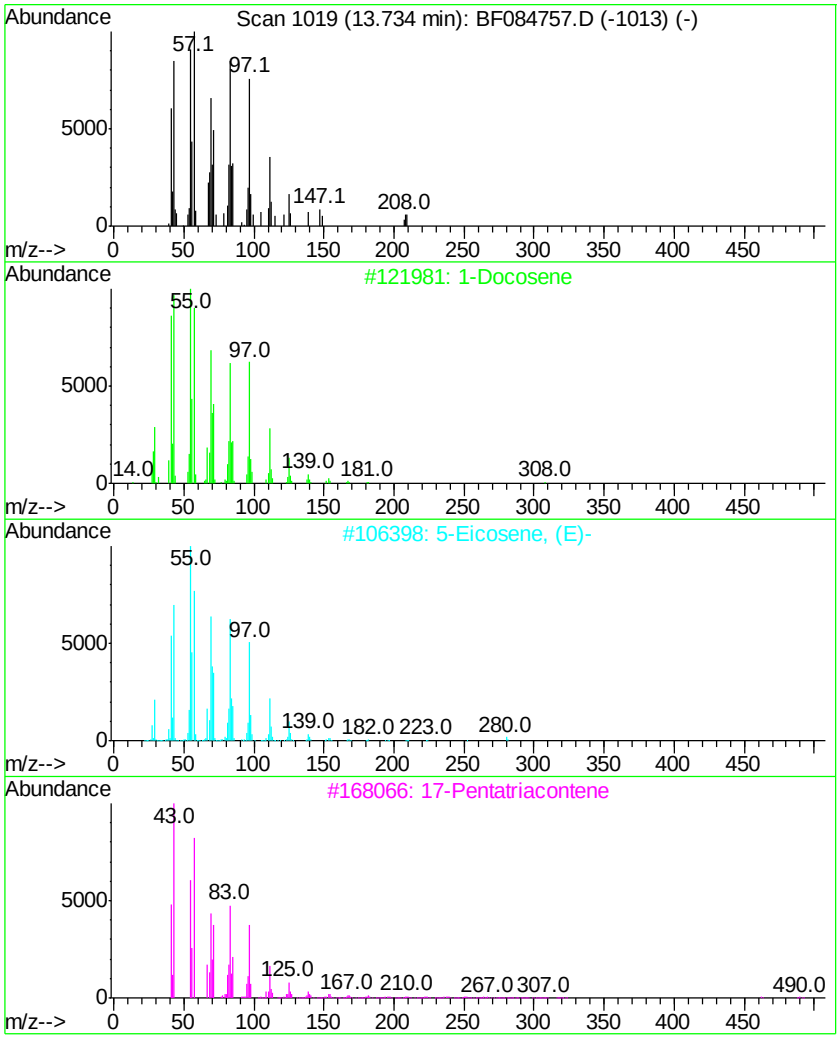
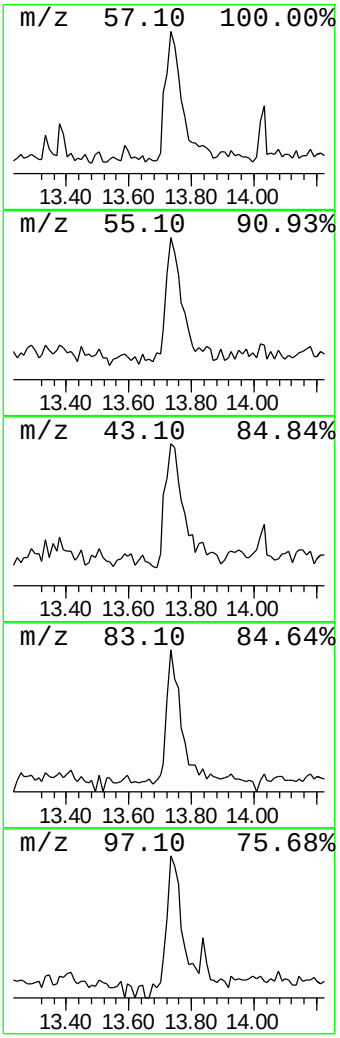
Peak Number 9 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.95 ng	215537	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	87
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	86
5	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	83





Tentatively Identified Compound (LSC) summary

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Operator : SJ/IZ
Sample : H1314-02
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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
3-Penten-2-one, 4...	4.14	9.1	ng	487579	1	6.69	1072170	20.0
2-Pentanone, 4-hy...	4.86	93.8	ng	5028880	1	6.69	1072170	20.0
2-Pentanone, 4-me...	5.70	6.5	ng	346616	1	6.69	1072170	20.0
unknown6.46	6.46	95.4	ng	5113590	1	6.69	1072170	20.0
Hexanoic acid, 2-...	7.39	2.1	ng	154919	2	7.98	1486160	20.0
Eicosane	10.65	3.4	ng	266249	4	11.21	1575000	20.0
3-Eicosene, (E)-	11.47	2.1	ng	167229	4	11.21	1575000	20.0
1-Docosene	13.73	3.0	ng	215537	5	13.85	1461780	20.0