LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084641.D
Acq On : 29 Jan 2016 17:36
Operator : SJ/IZ
Sample : H1257-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B016(17-17.5)

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	181	184	191	rBV	321263	401845	8.60%	0.964%
2	4.899	241	246	249	rBV	2753610	4670268	100.00%	11.205%
3	5.321	281	283	286	rBV	2834936	3679488	78.79%	8.828%
4	5.721	316	318	321	rBV	291138	310381	6.65%	0.745%
5	6.373	372	375	377	rBV	3803375	3842074	82.27%	9.218%
6	6.499	383	386	388	rBV	2956739	3949670	84.57%	9.476%
7	6.727	403	406	408	rVB	615435	810524	17.35%	1.945%
8	6.876	417	419	422	rBV	2822743	2699657	57.81%	6.477%
9	7.287	452	455	458	rBV	2087265	2291135	49.06%	5.497%
10	8.007	516	518	520	rBV	1282606	1105245	23.67%	2.652%
11	9.093	610	613	615	rBV	4020860	4502514	96.41%	10.803%
12	9.482	645	647	650	rBV	447099	437133	9.36%	1.049%
13	9.756	669	671	674	rBV	1135287	1164665	24.94%	2.794%
14	10.202	709	710	712	rVB	77610	60025	1.29%	0.144%
15	10.419	726	729	733	rBV	27634	48027	1.03%	0.115%
16	10.545	738	740	743	rBV	2658876	2835096	60.71%	6.802%
17	10.671	749	751	756	rBV	88981	125647	2.69%	0.301%
18	11.116	789	790	792	rBV	44404	62067	1.33%	0.149%
19	11.242	798	801	803	rBV	1330005	1254854	26.87%	3.011%
20	11.791	847	849	853	rBV	32377	53972	1.16%	0.129%
21	12.831	937	940	942	rBV	4709932	4402439	94.27%	10.563%
22	13.745	1017	1020	1029	rBV	184858	530944	11.37%	1.274%
23	13.871	1029	1031	1033	rVV	1435674	1277017	27.34%	3.064%
24	14.717	1103	1105	1108	rBV	64869	66412	1.42%	0.159%
25	15.254	1149	1152	1155	rBV	864099	978968	20.96%	2.349%
26	15.802	1194	1200	1212	rBV6	20778	118653	2.54%	0.285%

Sum of corrected areas: 41678720

LSC Report - Integrated Chromatogram

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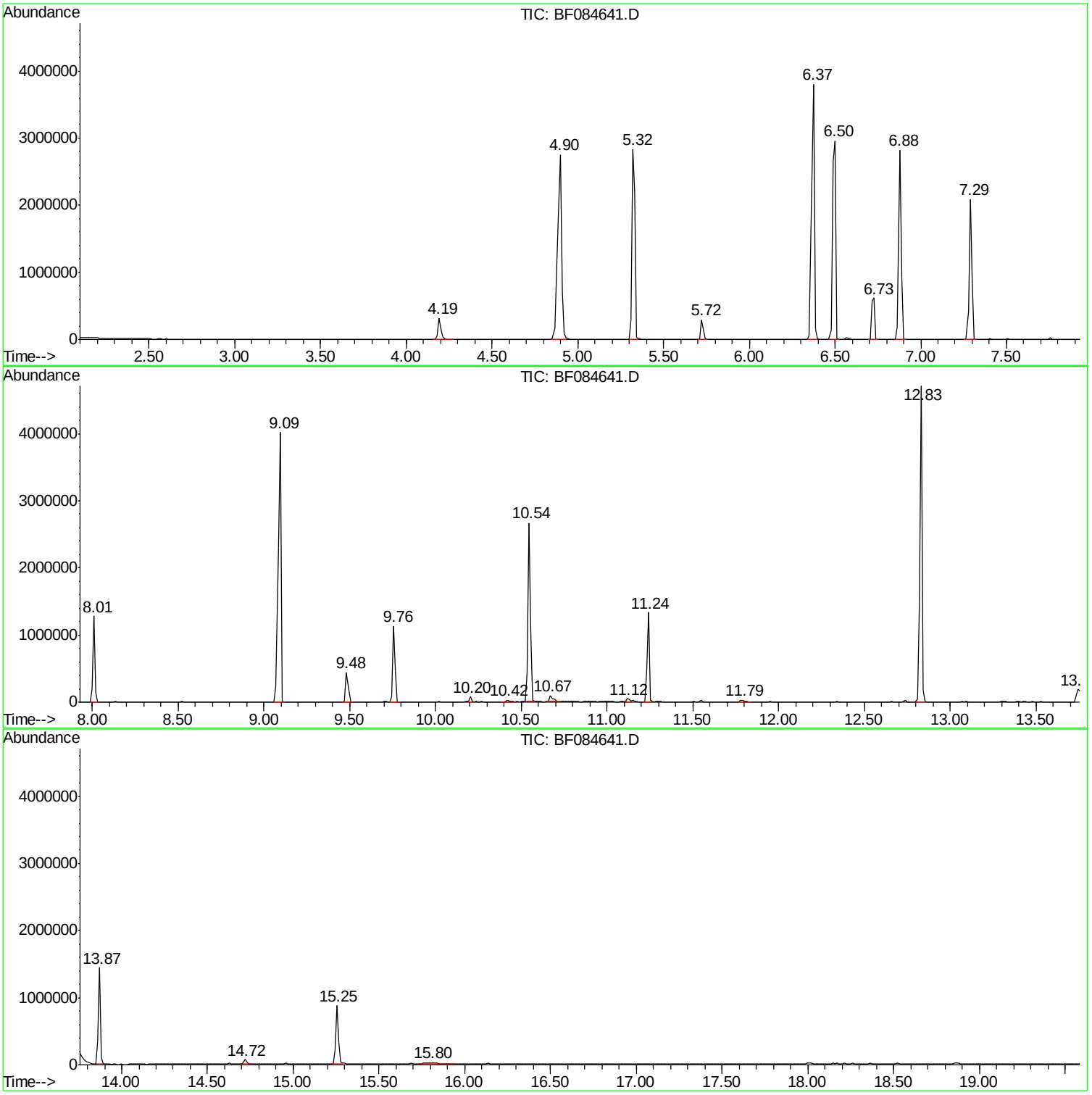
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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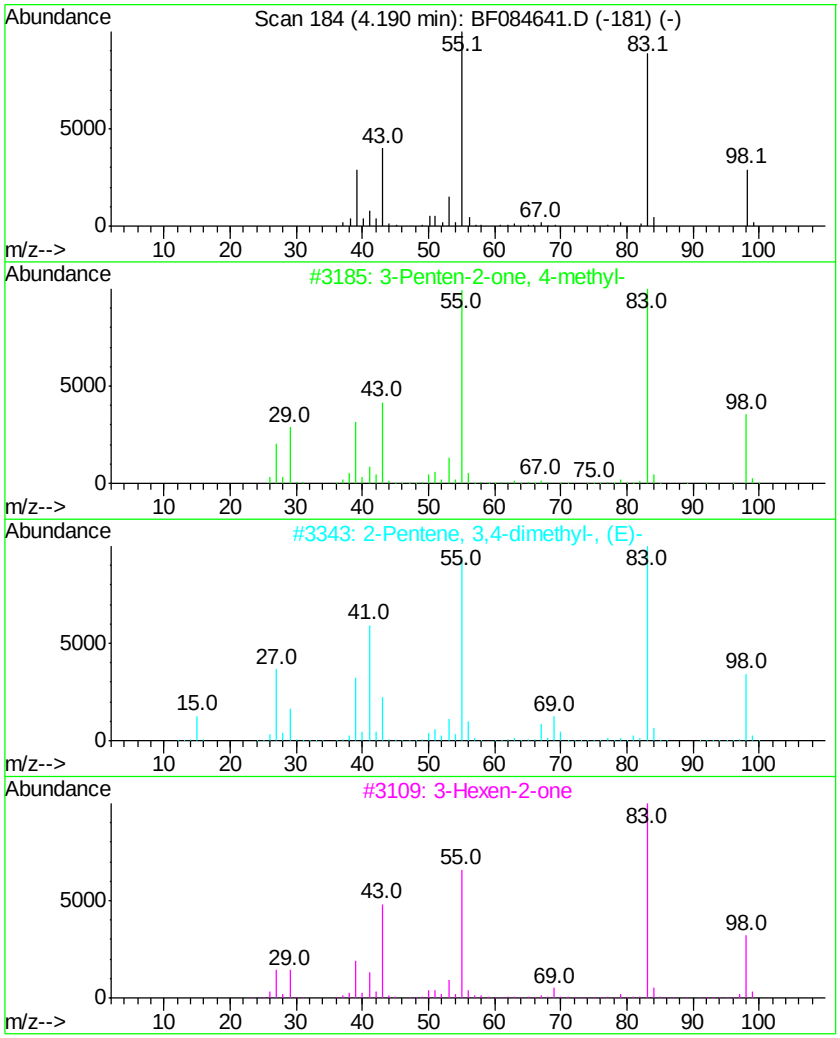
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

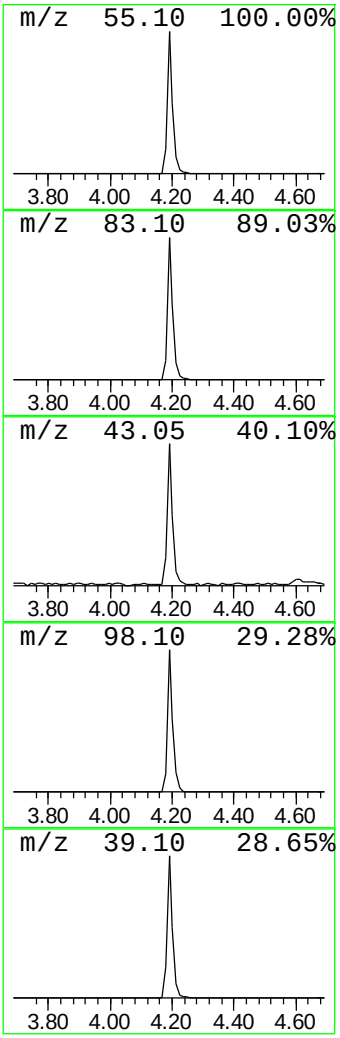
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	9.92 ng	401845	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	95
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3	3-Hexen-2-one	98	C6H10O	000763-93-9	87
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





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Operator : SJ/IZ
Sample : H1257-08
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B016(17-17.5)

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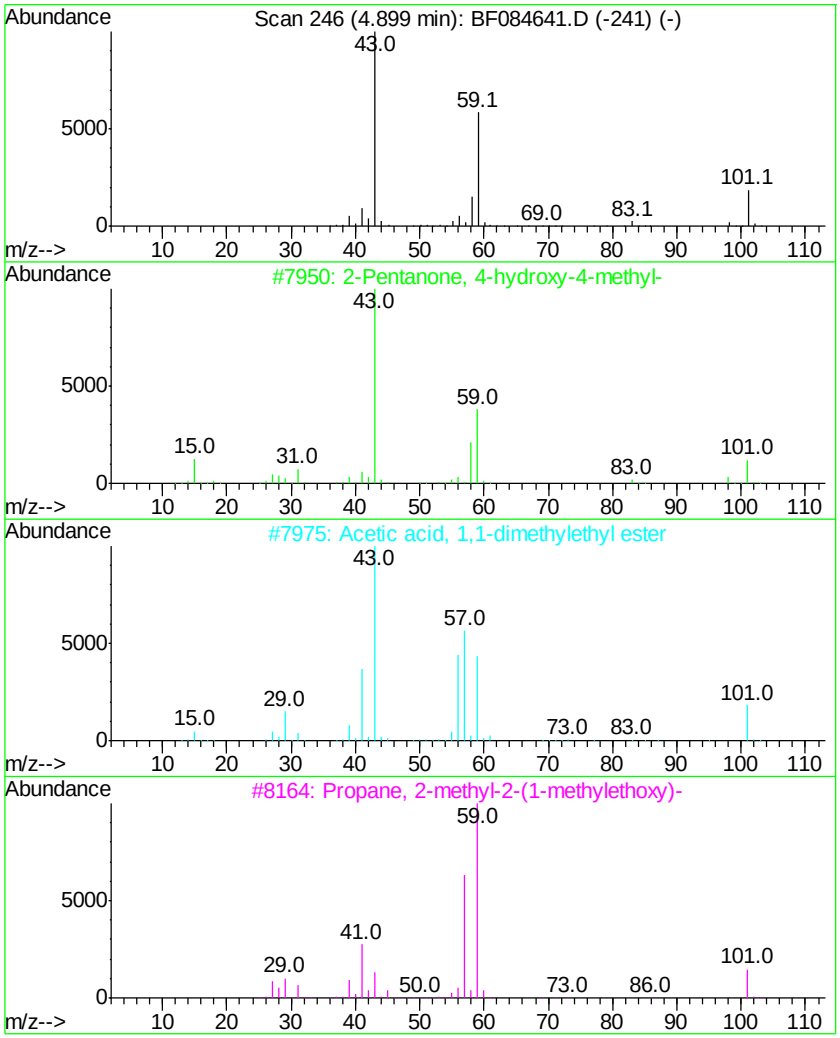
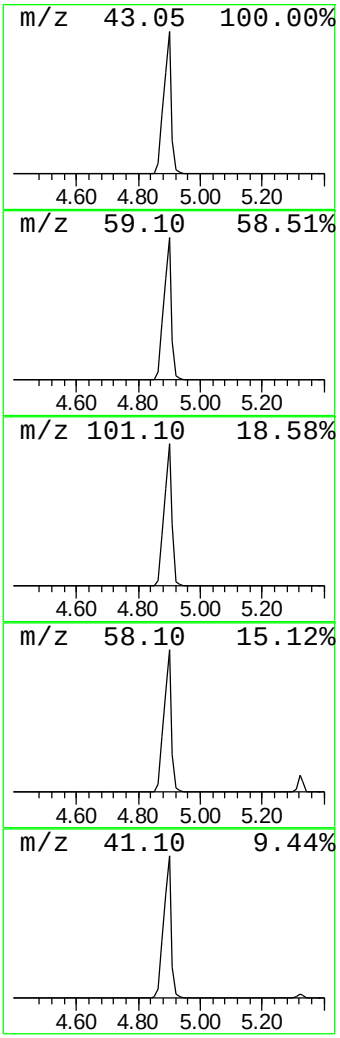
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	115.24 ng	4670270	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	59
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	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





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Data File : BF084641.D
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Operator : SJ/IZ
Sample : H1257-08
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B016(17-17.5)

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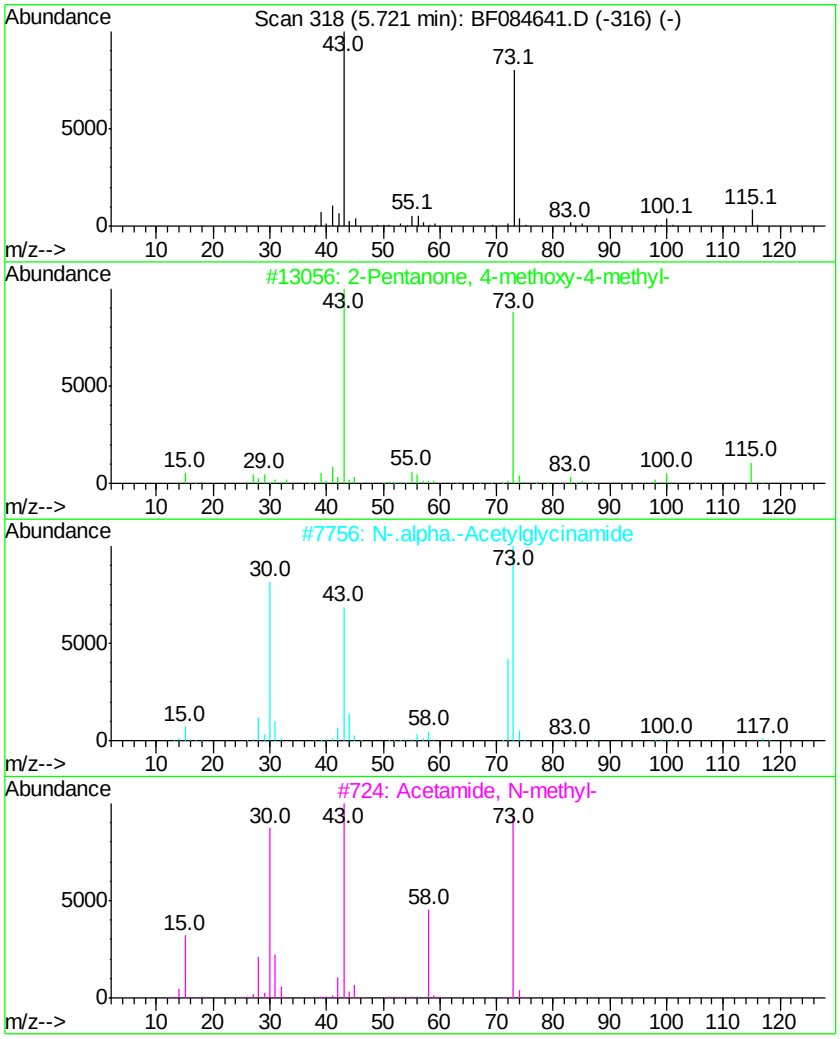
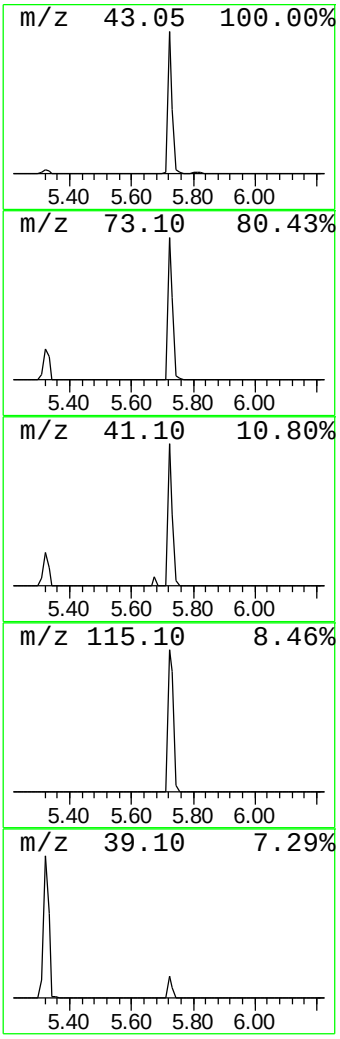
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	7.66 ng	310381	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	43
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	32
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	12





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Instrument : BNA_F
ClientSampleId : SUP-B016(17-17.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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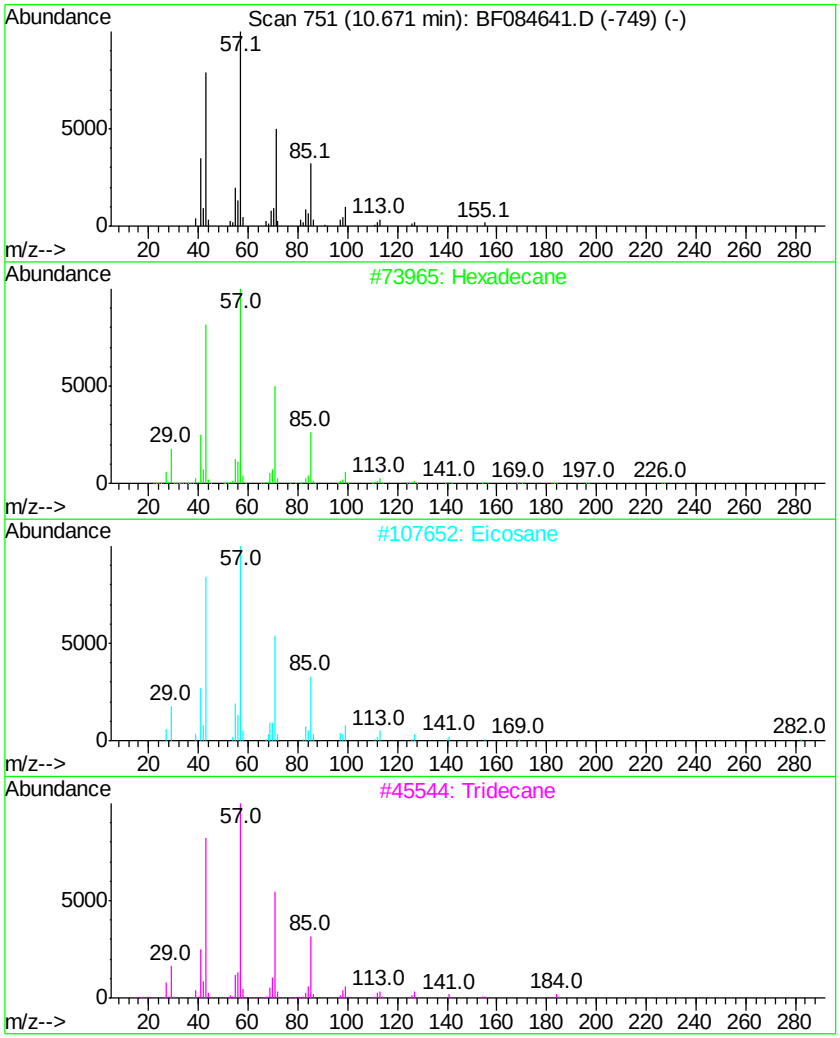
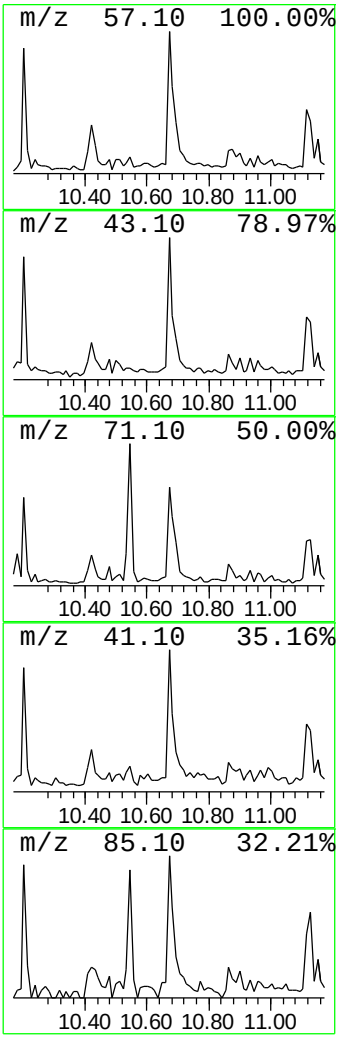
Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.00 ng	125647	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
5	Nonadecane	268	C19H40	000629-92-5	72





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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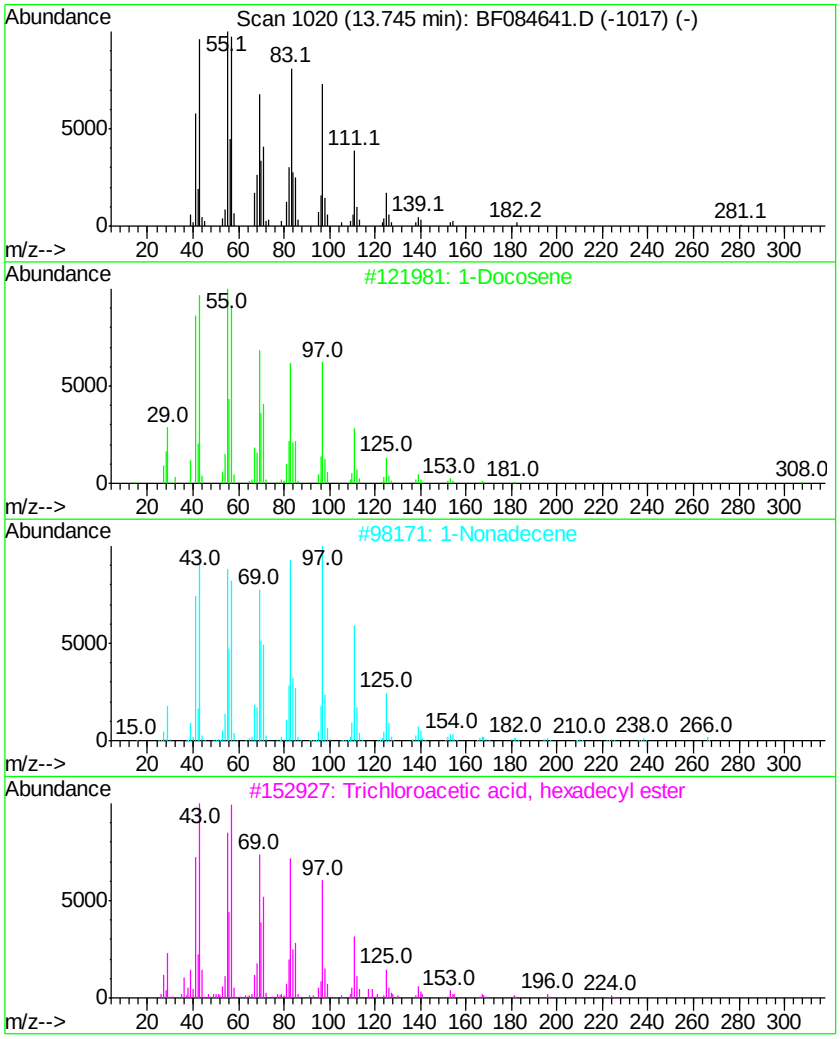
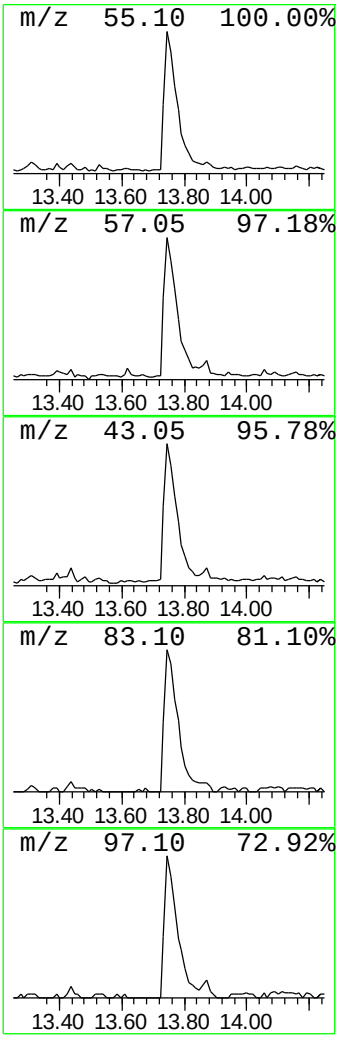
Peak Number 7 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	8.32 ng	530944	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	1-Nonadecanol	284	C19H40O	001454-84-8	90





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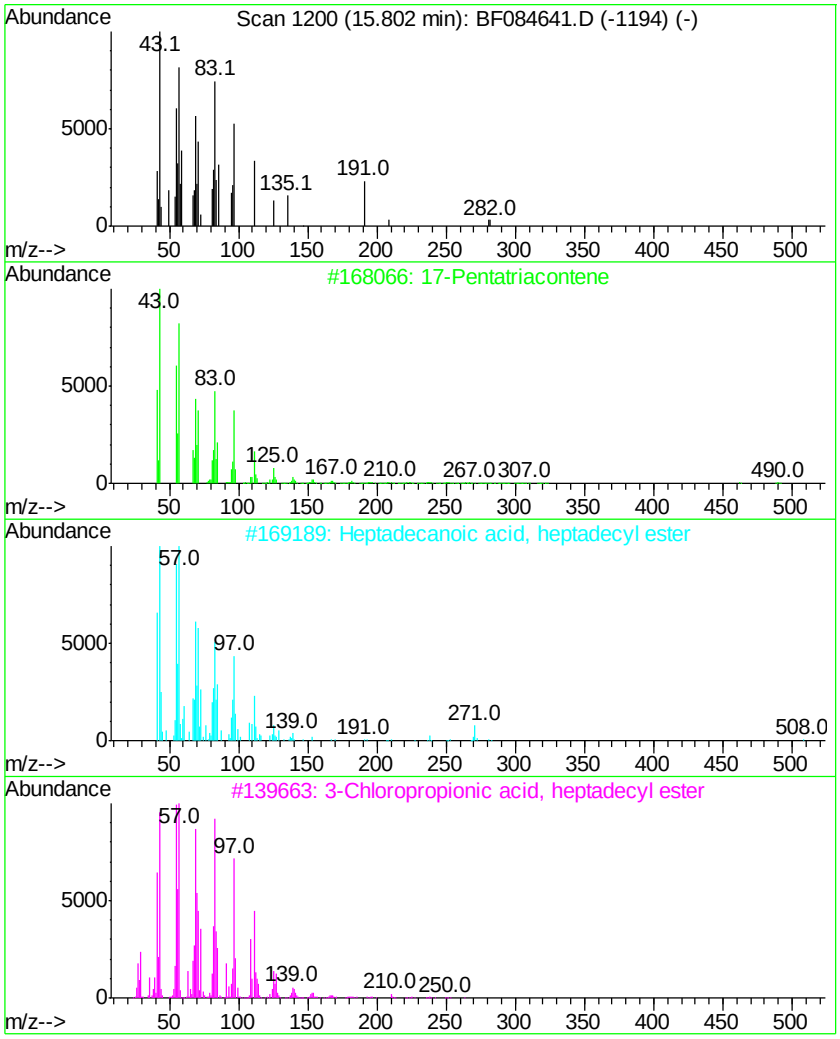
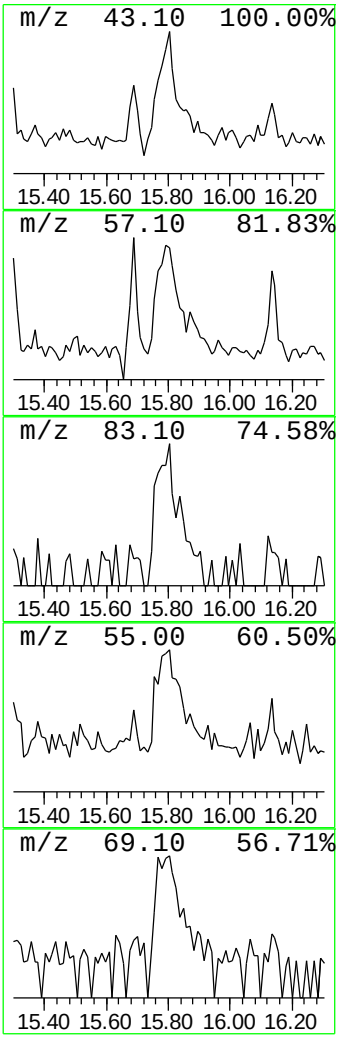
Peak Number 8 17-Pentatriacontene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.42 ng	118653	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	64
2	Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	58
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	53
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	53
5	1-Nonadecene	266	C19H38	018435-45-5	53





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	9.9	ng	401845	1	6.73	810524	20.0
2-Pentanone, 4-hy...	4.90	115.2	ng	4670270	1	6.73	810524	20.0
2-Pentanone, 4-me...	5.72	7.7	ng	310381	1	6.73	810524	20.0
Hexadecane	10.67	2.0	ng	125647	4	11.24	1254850	20.0
1-Docosene	13.75	8.3	ng	530944	5	13.87	1277020	20.0
17-Pentatriacontene	15.80	2.4	ng	118653	6	15.25	978968	20.0