LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085814.D
Acq On : 28 Mar 2016 21:13
Operator : UM/SJ
Sample : H1937-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-04(16-18)

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-BF032416.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	4.333	178	179	187	rVB	19995	35645	1.26%	0.132%
2	4.996	234	237	251	rBV	880204	1322483	46.86%	4.883%
3	5.418	271	274	276	rBV	2503423	2637072	93.44%	9.736%
4	5.819	307	309	312	rBV	125920	115260	4.08%	0.426%
5	6.459	362	365	367	rBV	1969357	2767331	98.05%	10.217%
6	6.584	373	376	378	rBV	2864719	2736120	96.95%	10.102%
7	6.813	394	396	399	rBV	790187	680174	24.10%	2.511%
8	6.973	407	410	412	rBV	2279907	2217205	78.56%	8.186%
9	7.384	443	446	448	rBV	1763891	1851240	65.59%	6.835%
10	7.487	452	455	461	rVB	23556	44732	1.58%	0.165%
11	8.104	506	509	511	rBV	729291	858389	30.41%	3.169%
12	9.179	600	603	605	rBV	3125078	2822331	100.00%	10.420%
13	9.579	635	638	639	rBV	441612	520049	18.43%	1.920%
14	9.785	654	656	660	rBV	86492	100083	3.55%	0.370%
15	9.853	660	662	664	rVB	1080955	937906	33.23%	3.463%
16	10.288	698	700	702	rVB	161357	123018	4.36%	0.454%
17	10.505	716	719	722	rBV	46771	73381	2.60%	0.271%
18	10.642	728	731	734	rBV	1720759	1794177	63.57%	6.624%
19	10.756	739	741	746	rVV	138113	175935	6.23%	0.650%
20	11.202	779	780	786	rVB	60243	94547	3.35%	0.349%
21	11.339	790	792	794	rBV	1017388	928704	32.91%	3.429%
22	11.636	815	818	821	rVB2	25877	32265	1.14%	0.119%
23	11.865	836	838	847	rBV2	85568	140665	4.98%	0.519%
24	12.928	928	931	933	rBV	1865369	2459200	87.13%	9.079%
25	13.156	948	951	953	rBV	21438	32383	1.15%	0.120%
26	13.819	1006	1009	1020	rBV	264245	403789	14.31%	1.491%
27	13.968	1020	1022	1025	rBV	600700	603175	21.37%	2.227%
28	14.459	1061	1065	1070	rBV5	10574	36344	1.29%	0.134%
29	15.385	1143	1146	1149	rBV	378299	508999	18.03%	1.879%
30	15.888	1186	1190	1192	rBV3	11981	33109	1.17%	0.122%

Sum of corrected areas: 27085711

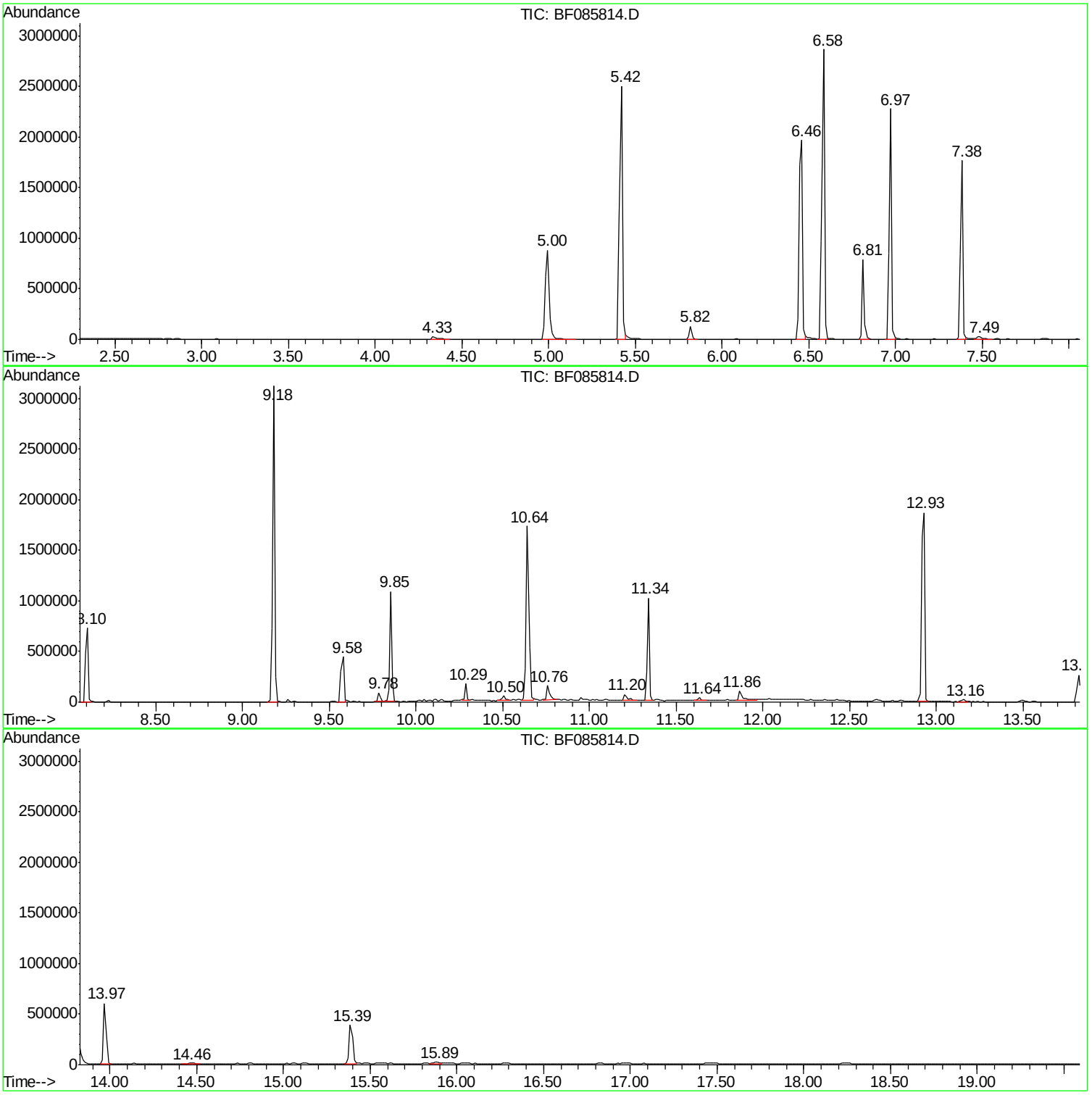
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085814.D
Acq On : 28 Mar 2016 21:13
Operator : UM/SJ
Sample : H1937-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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\BF032816\
Data File : BF085814.D
Acq On : 28 Mar 2016 21:13
Operator : UM/SJ
Sample : H1937-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-04(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

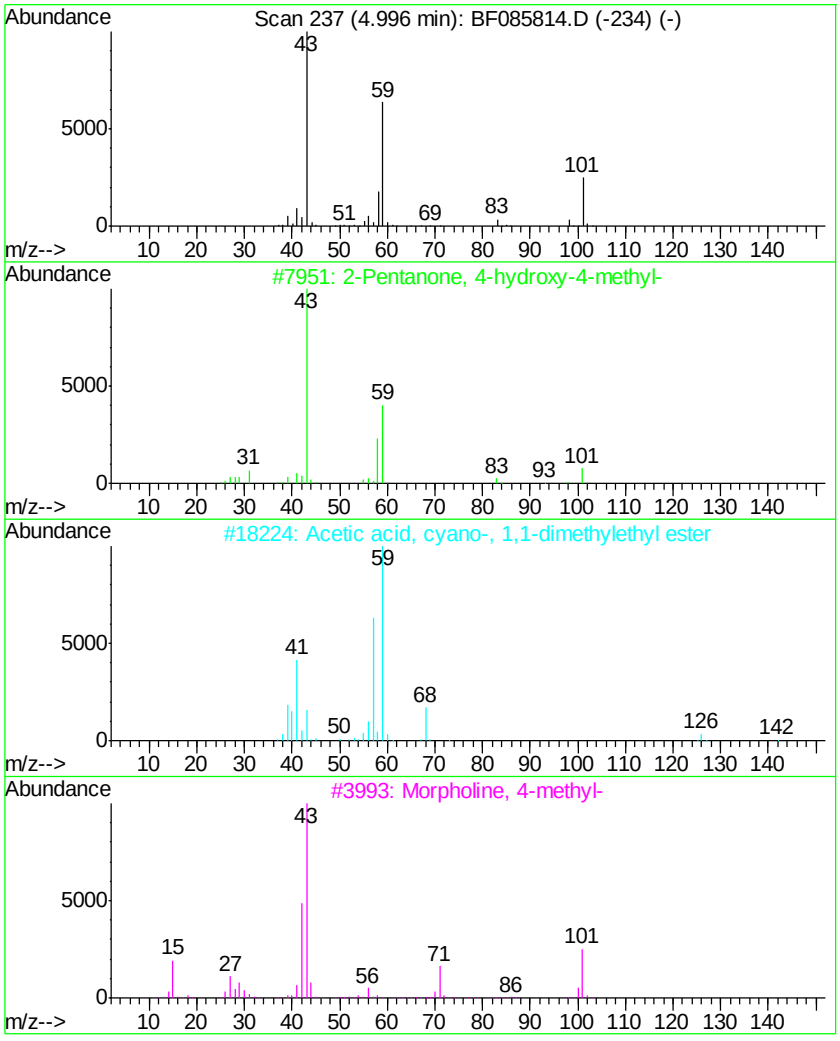
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

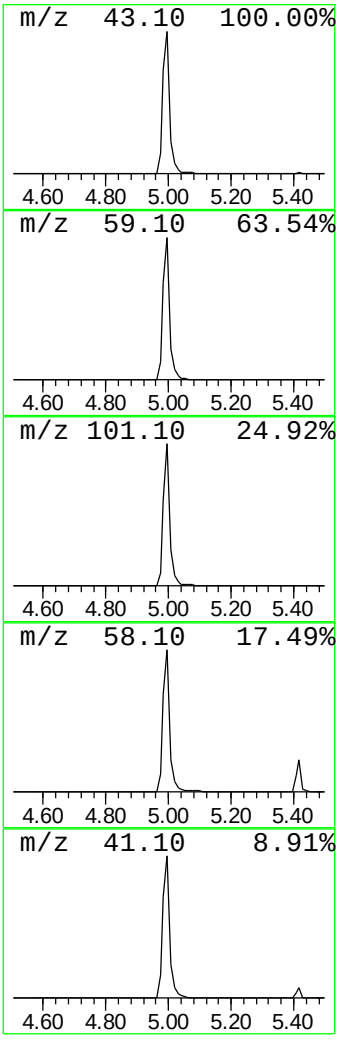
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	38.89 ng	1322480	1,4-Dichlorobenzene-d4	6.81

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085814.D
Acq On : 28 Mar 2016 21:13
Operator : UM/SJ
Sample : H1937-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

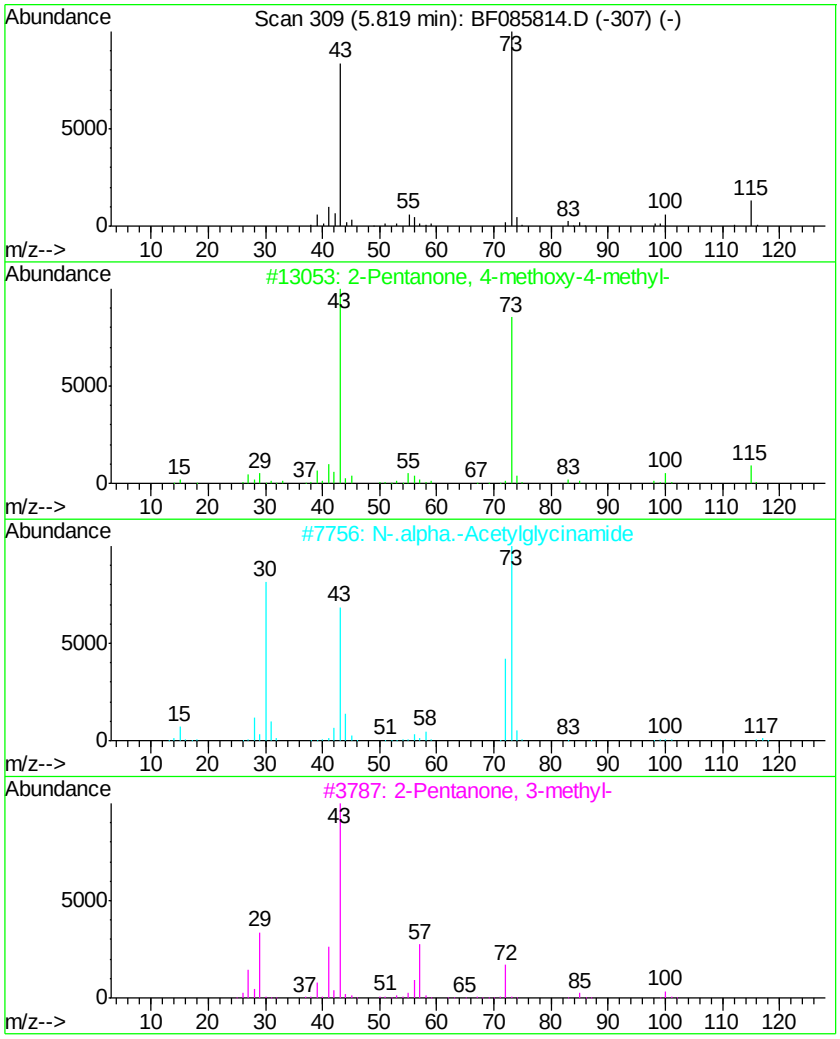
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

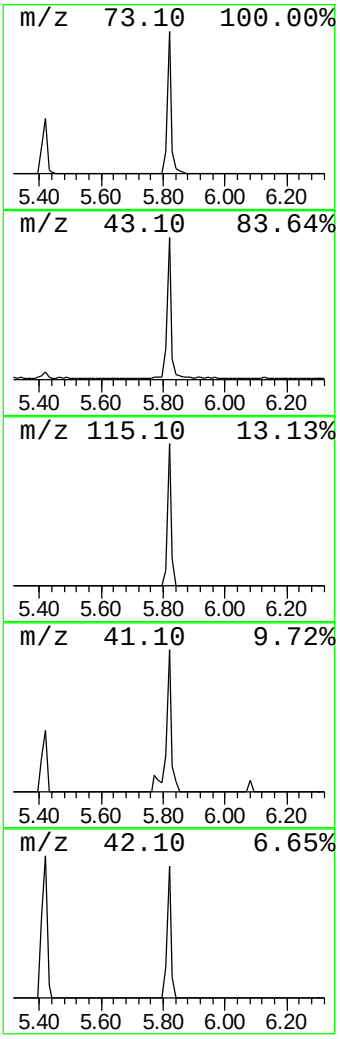
****

Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	3.39 ng	115260	1,4-Dichlorobenzene-d4	6.81

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	28
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	12
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085814.D
Acq On : 28 Mar 2016 21:13
Operator : UM/SJ
Sample : H1937-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-04(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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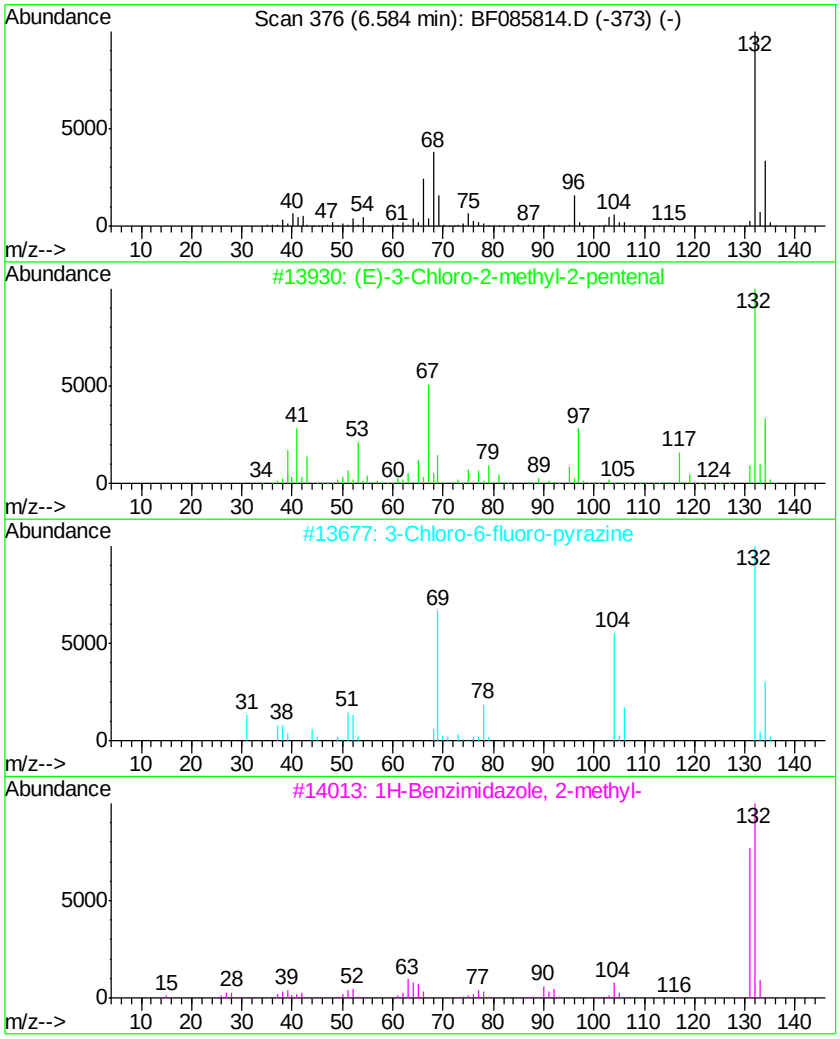
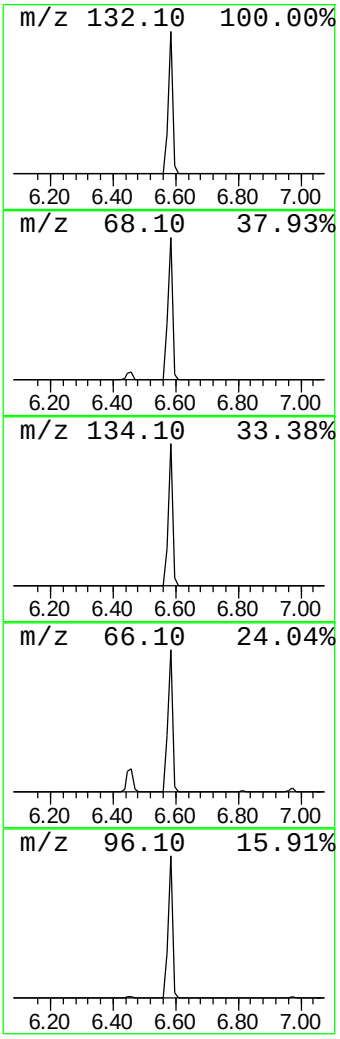
Peak Number 3 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	80.45 ng	2736120	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF085814.D
Acq On : 28 Mar 2016 21:13
Operator : UM/SJ
Sample : H1937-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-04(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

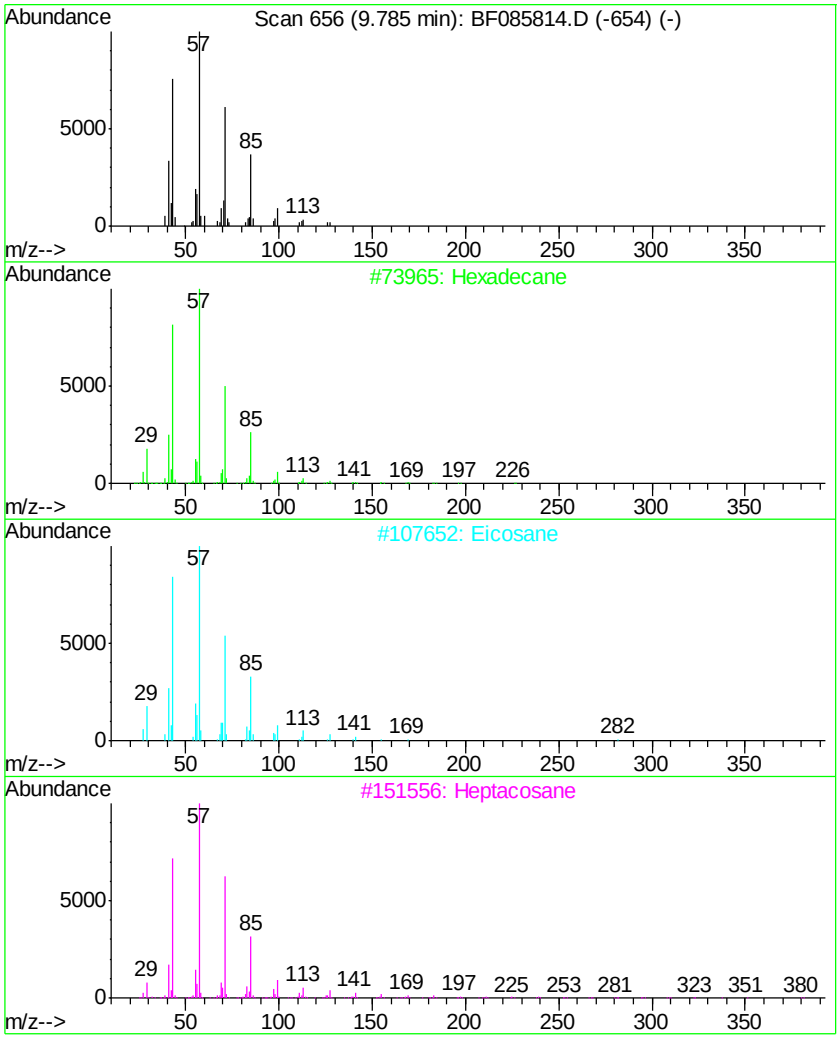
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

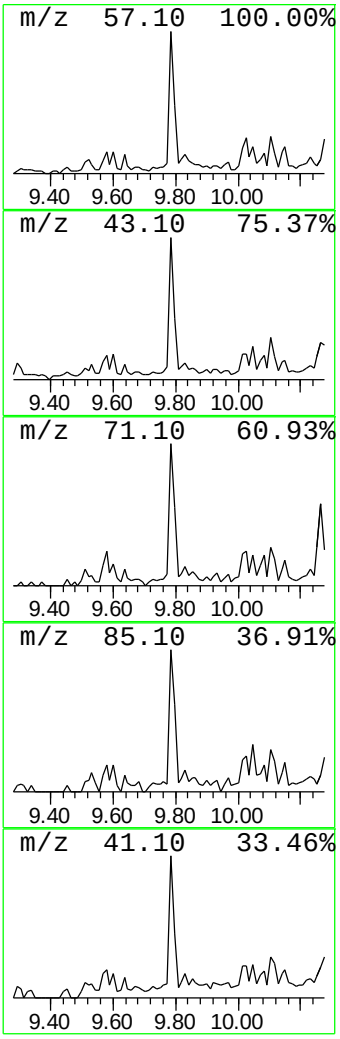
****

Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	2.13 ng	100083	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	83
3	Heptacosane	380	C27H56	000593-49-7	78
4	Tridecane	184	C13H28	000629-50-5	72
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085814.D
Acq On : 28 Mar 2016 21:13
Operator : UM/SJ
Sample : H1937-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-04(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

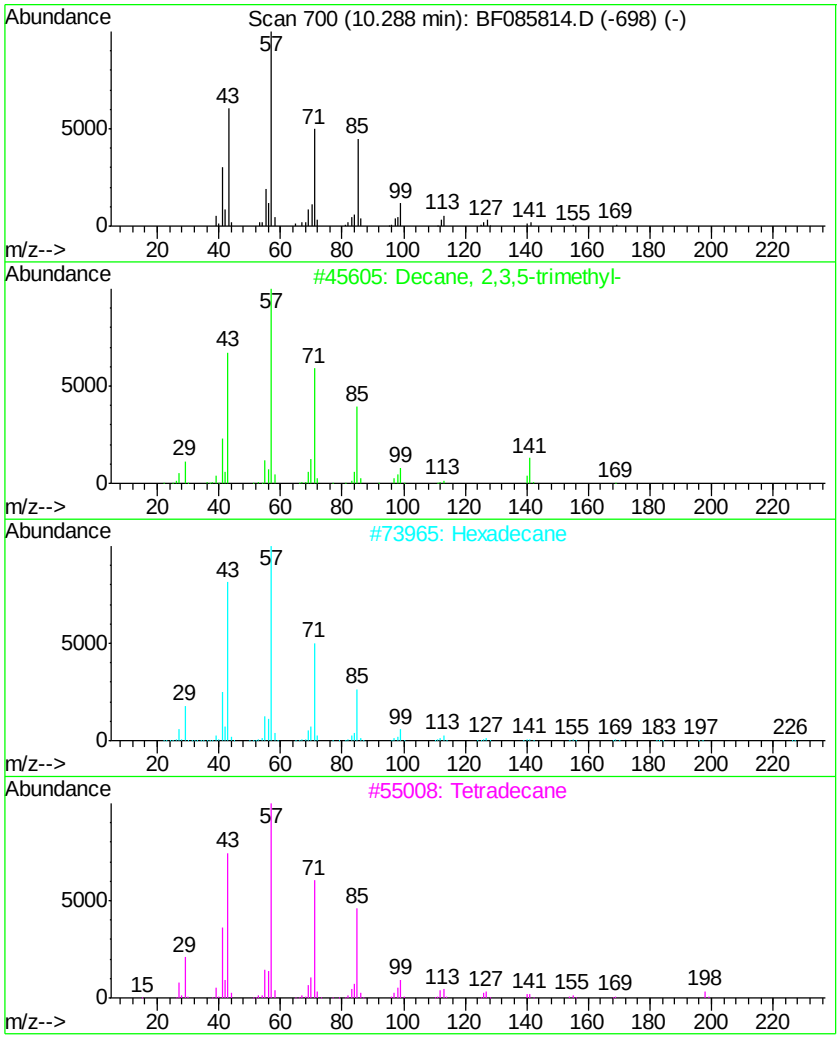
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

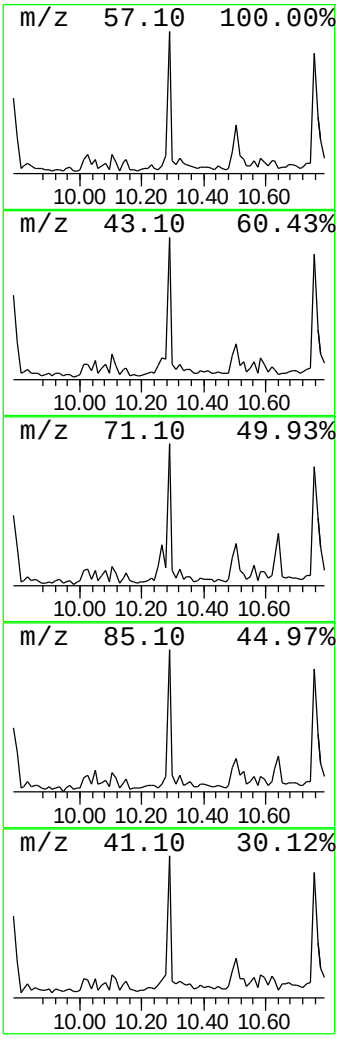
****

Peak Number 6 Decane, 2,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	2.62 ng	123018	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Heptadecane	240	C17H36	000629-78-7	72
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72





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Data File : BF085814.D
Acq On : 28 Mar 2016 21:13
Operator : UM/SJ
Sample : H1937-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-04(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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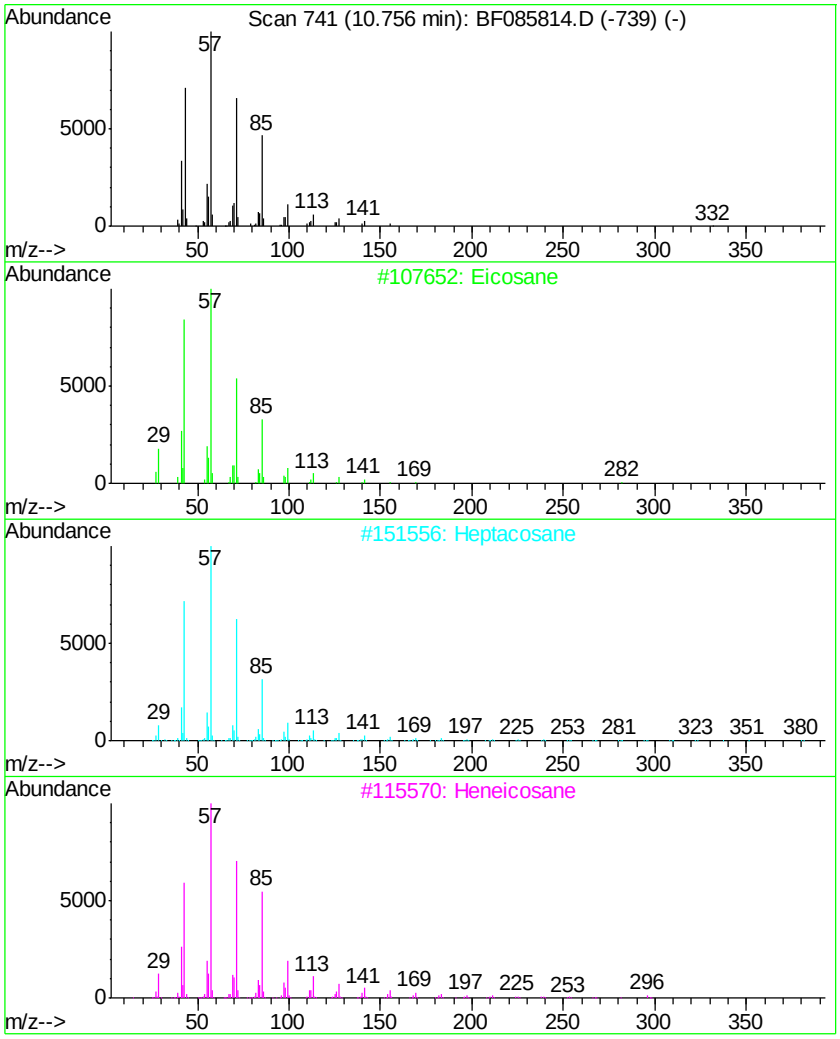
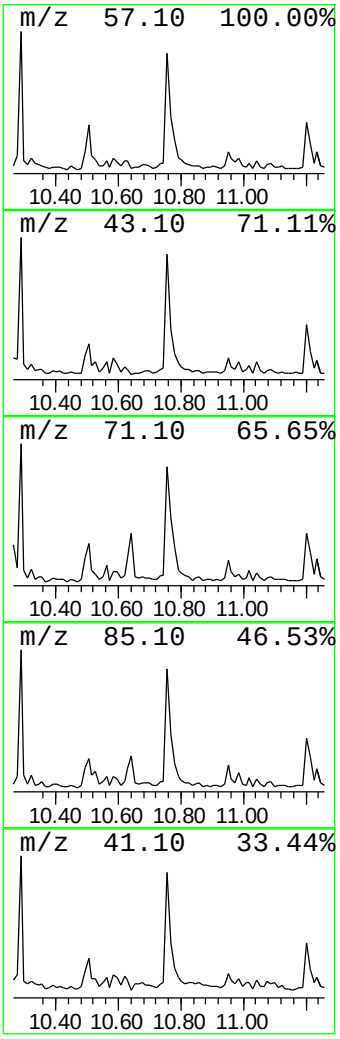
Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.79 ng	175935	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	87





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Sample : H1937-05
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Instrument : BNA_F
ClientSampleId : GW-04(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

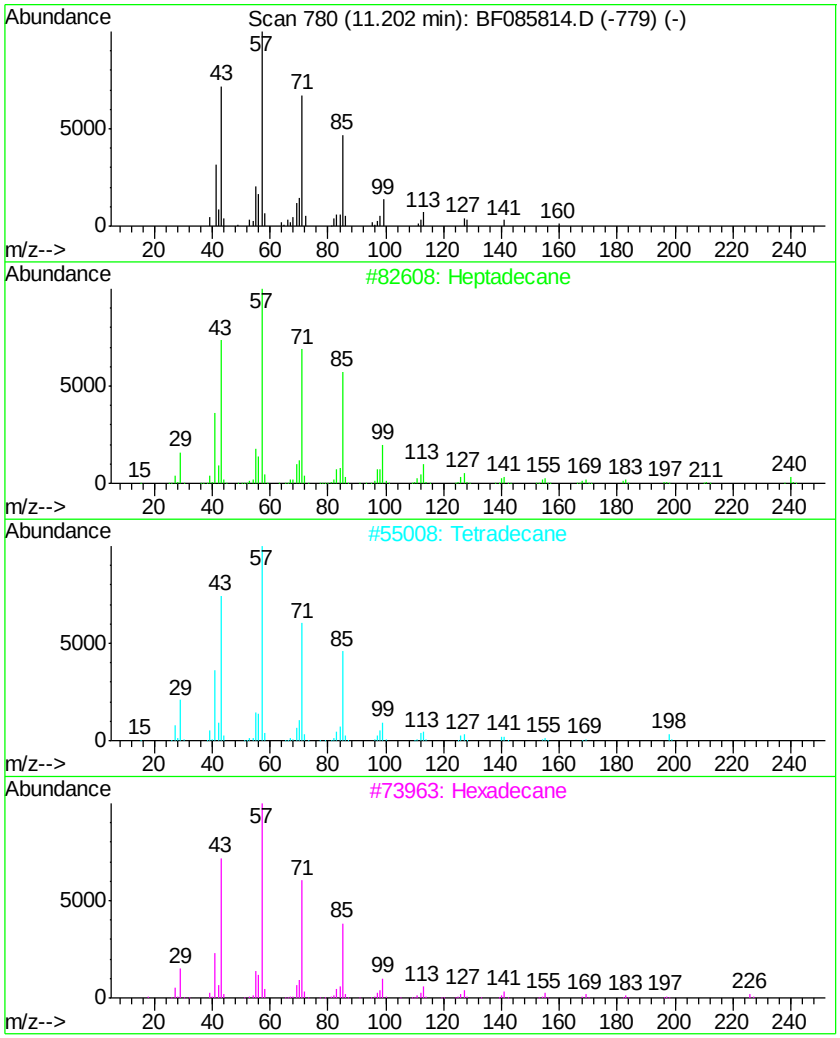
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

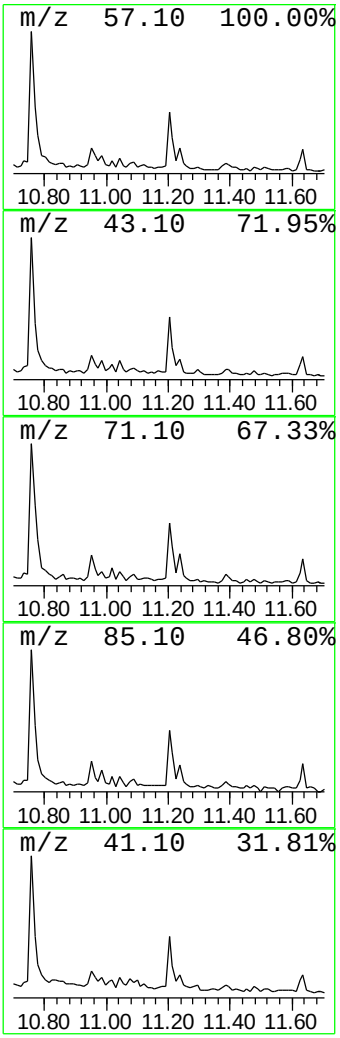
****

Peak Number 8 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.04 ng	94547	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetratetracontane	619	C44H90	007098-22-8	86





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Operator : UM/SJ
Sample : H1937-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-04(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

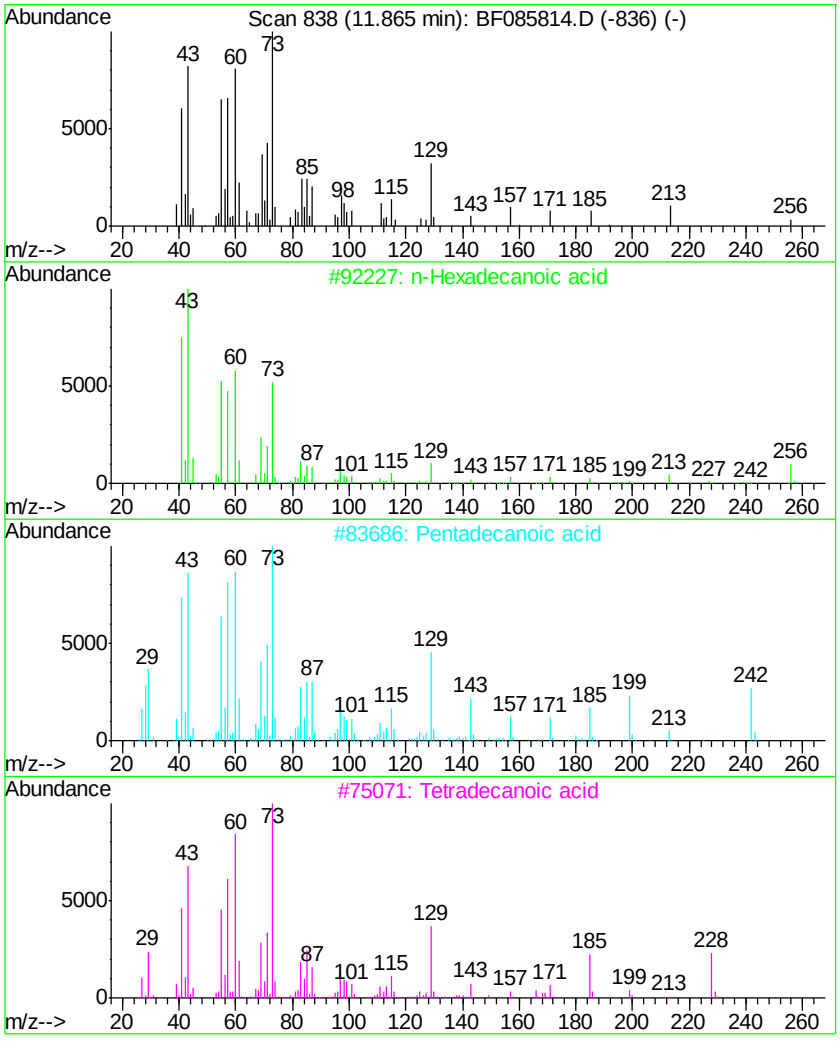
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

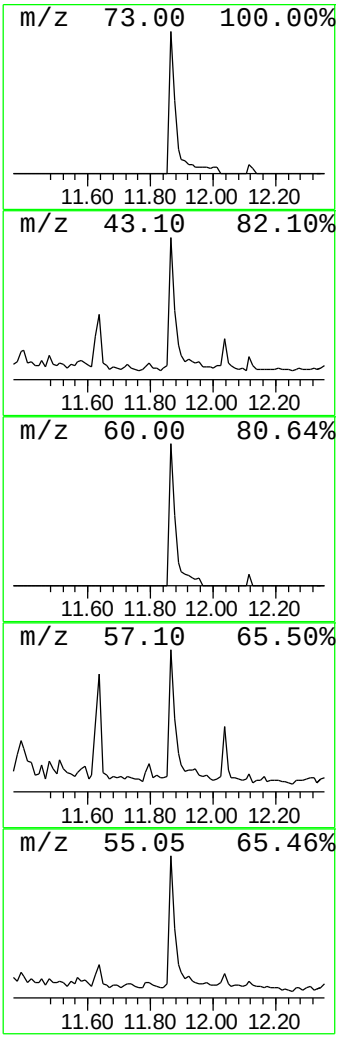
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.03 ng	140665	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Dodecane	170	C12H26	000112-40-3	11





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Acq On : 28 Mar 2016 21:13
Operator : UM/SJ
Sample : H1937-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-04(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

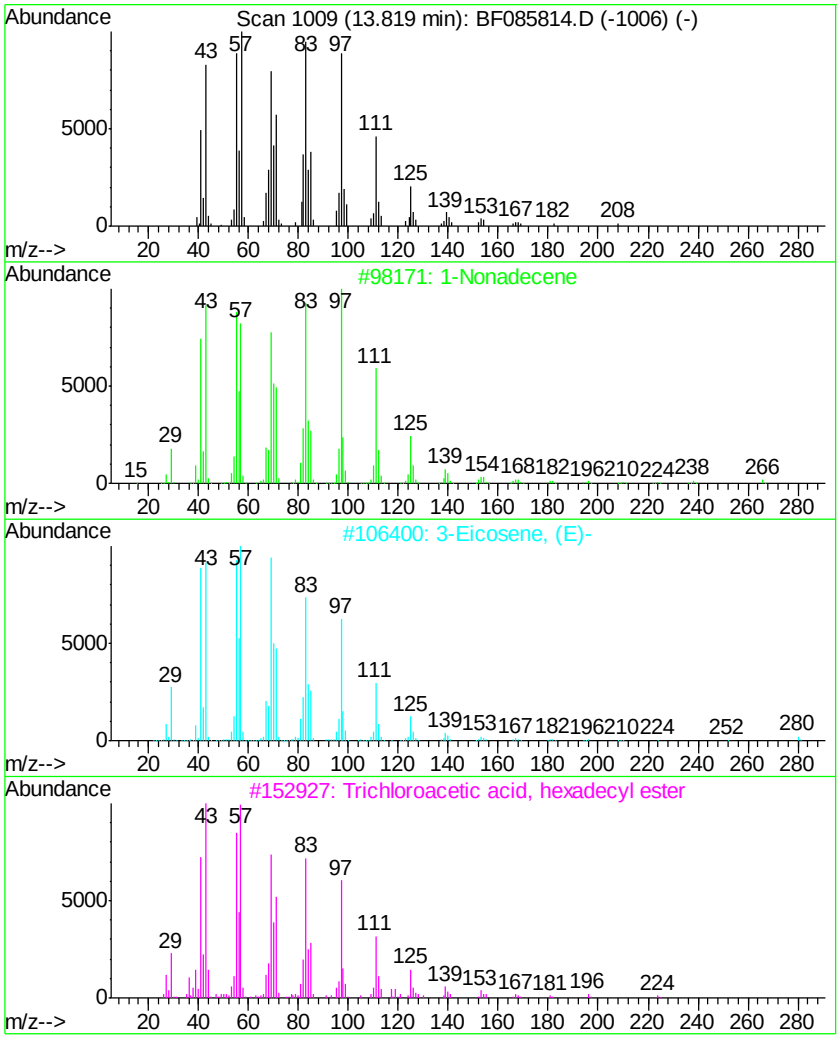
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

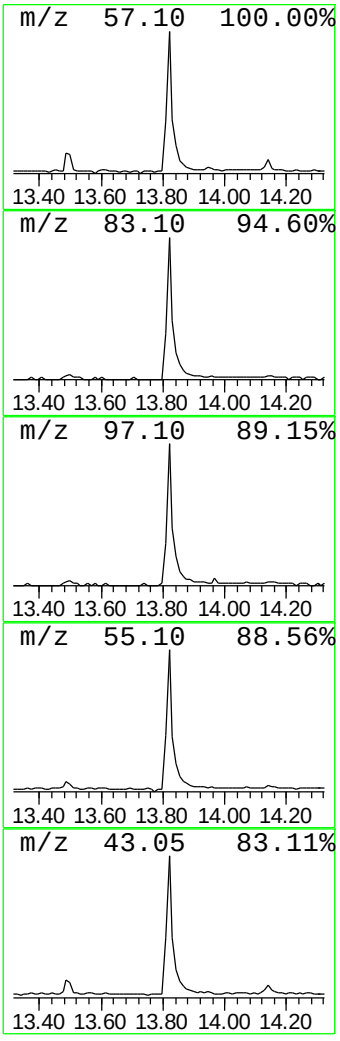
****

Peak Number 10 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	13.39 ng	403789	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	90
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085814.D
Acq On : 28 Mar 2016 21:13
Operator : UM/SJ
Sample : H1937-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-04(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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
2-Pentanone, 4-hy...	5.00	38.9	ng	1322480	1	6.81	680174	20.0
2-Pentanone, 4-me...	5.82	3.4	ng	115260	1	6.81	680174	20.0
unknown6.58	6.58	80.5	ng	2736120	1	6.81	680174	20.0
Hexadecane	9.78	2.1	ng	100083	3	9.85	937906	20.0
Decane, 2,3,5-tri...	10.29	2.6	ng	123018	3	9.85	937906	20.0
Eicosane	10.76	3.8	ng	175935	4	11.34	928704	20.0
Heptadecane	11.20	2.0	ng	94547	4	11.34	928704	20.0
n-Hexadecanoic acid	11.86	3.0	ng	140665	4	11.34	928704	20.0
1-Nonadecene	13.82	13.4	ng	403789	5	13.97	603175	20.0