LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085214.D
Acq On : 4 Mar 2016 20:38
Operator : SJ/IZ
Sample : H1684-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-1

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-BF030316.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	2.333	3	4	9	rVB	50579	58173	1.27%	0.142%
2	5.179	251	253	260	rVB	643522	1056965	23.04%	2.576%
3	5.579	285	288	291	rBV	3070780	4112087	89.63%	10.020%
4	6.596	373	377	379	rBV	3527026	3992780	87.03%	9.730%
5	6.733	386	389	392	rBV	3095894	4386955	95.62%	10.690%
6	6.973	407	410	412	rBV	839855	901724	19.66%	2.197%
7	7.122	421	423	426	rVB	2525842	3448831	75.18%	8.404%
8	7.533	456	459	461	rBV	2756550	2980661	64.97%	7.263%
9	7.602	461	465	468	rVB	43171	50366	1.10%	0.123%
10	8.253	519	522	524	rBV	1374557	1223733	26.67%	2.982%
11	9.328	613	616	619	rBV	3777380	4587716	100.00%	11.180%
12	9.716	648	650	652	rBV	375920	420498	9.17%	1.025%
13	9.933	668	669	672	rVB	66389	82410	1.80%	0.201%
14	10.013	673	676	678	rVB	1295209	1353630	29.51%	3.299%
15	10.436	712	713	715	rVB	140397	111035	2.42%	0.271%
16	10.653	729	732	736	rBV	38460	71706	1.56%	0.175%
17	10.802	741	745	747	rVV	2829023	3093668	67.43%	7.539%
18	10.905	751	754	759	rVV2	99038	211747	4.62%	0.516%
19	11.362	792	794	795	rBV	55256	63018	1.37%	0.154%
20	11.499	803	806	808	rBV	1240858	1370331	29.87%	3.339%
21	12.014	849	851	856	rBV2	221305	233632	5.09%	0.569%
22	12.802	917	920	923	rBV	41176	60853	1.33%	0.148%
23	13.088	942	945	947	rBV	3256668	4482608	97.71%	10.923%
24	13.968	1019	1022	1028	rBV	213434	261248	5.69%	0.637%
25	14.128	1034	1036	1039	rVB	1166970	1051510	22.92%	2.562%
26	14.905	1100	1104	1106	rVB3	28281	51952	1.13%	0.127%
27	15.248	1131	1134	1138	rBV	31346	47493	1.04%	0.116%
28	15.602	1162	1165	1167	rBV	542189	760958	16.59%	1.854%
29	16.060	1203	1205	1208	rBV	44997	79171	1.73%	0.193%
30	16.574	1247	1250	1254	rBV	47529	92201	2.01%	0.225%
31	17.180	1299	1303	1308	rBV	45828	114315	2.49%	0.279%
32	17.877	1361	1364	1371	rVB	39287	110250	2.40%	0.269%
33	18.723	1433	1438	1448	rBV2	30922	112621	2.45%	0.274%

LSC Area Percent Report

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Sample : H1684-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-1

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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 41036846

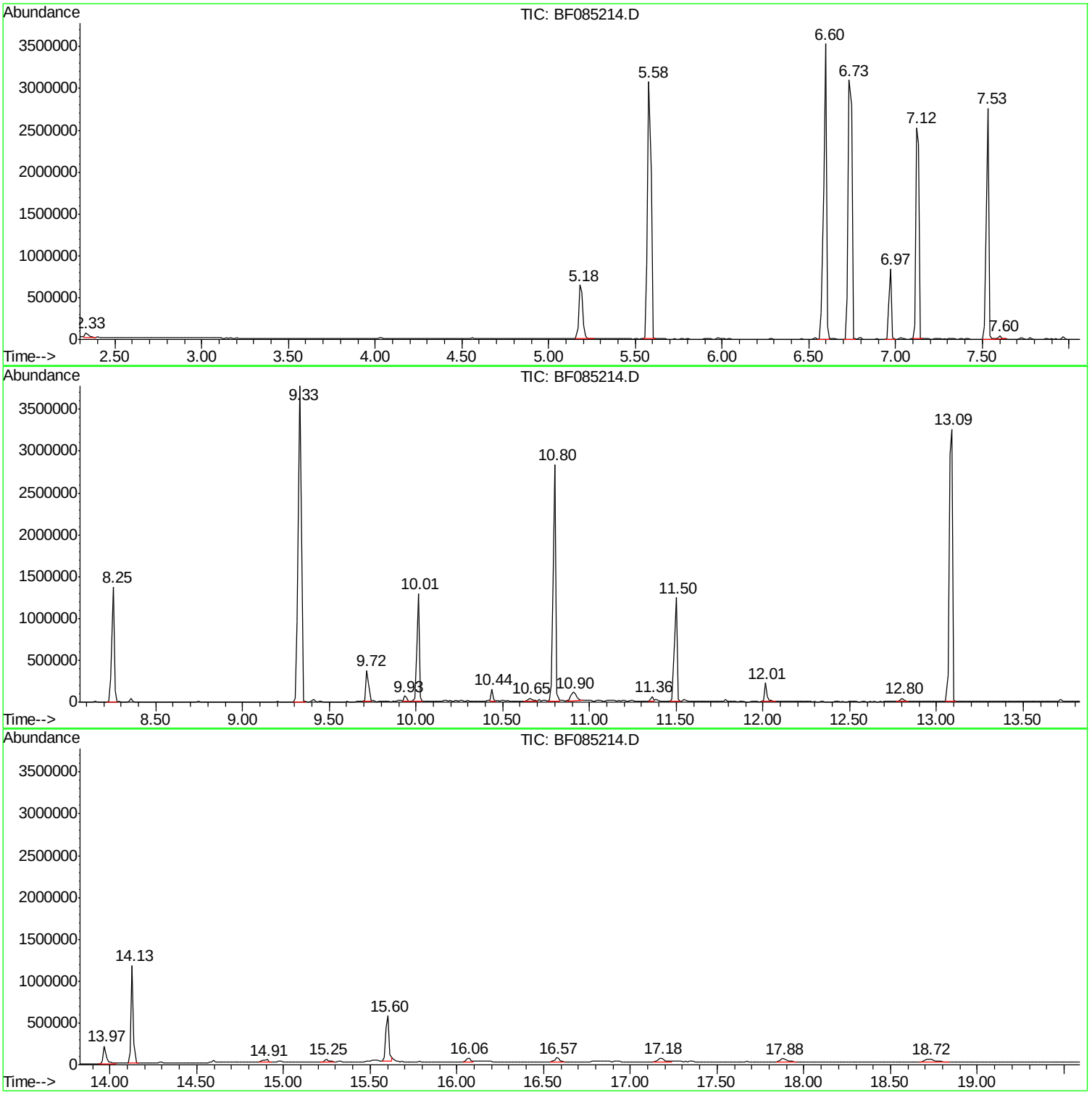
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085214.D
Acq On : 4 Mar 2016 20:38
Operator : SJ/IZ
Sample : H1684-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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\BF030416\
Data File : BF085214.D
Acq On : 4 Mar 2016 20:38
Operator : SJ/IZ
Sample : H1684-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

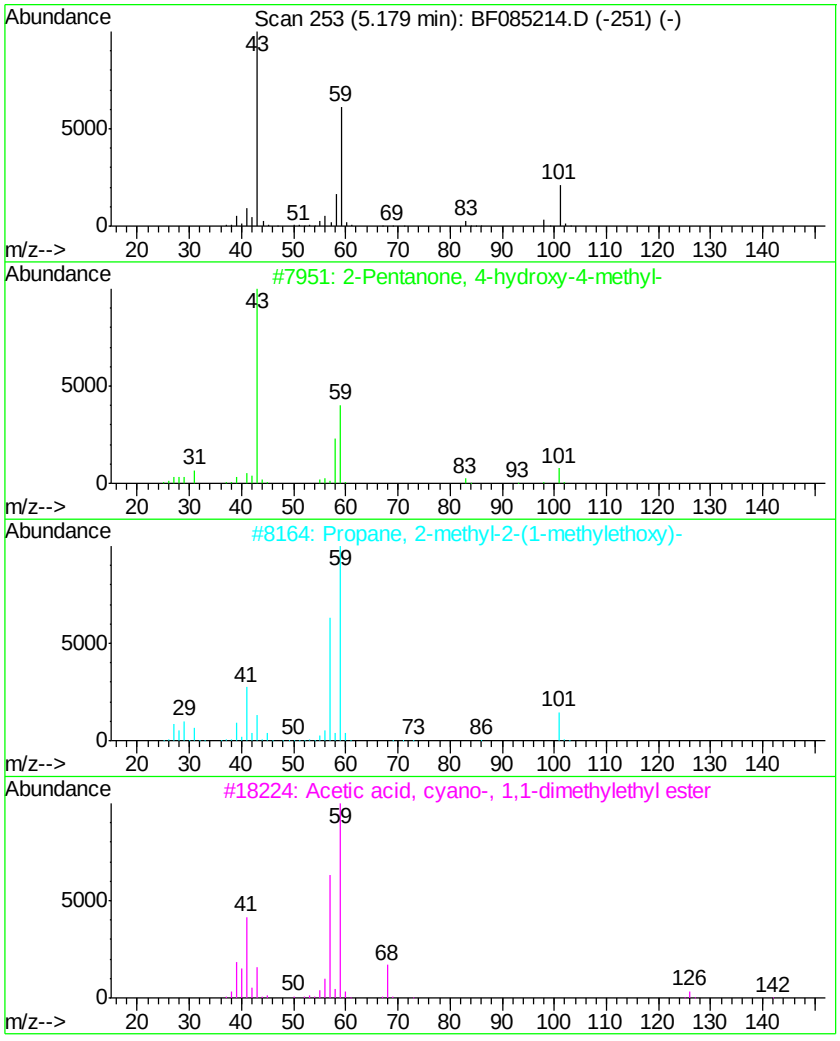
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

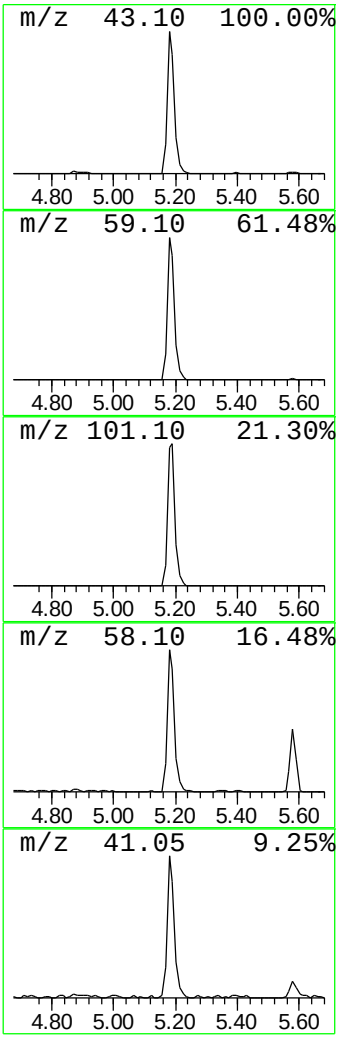
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	23.44 ng	1056970	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085214.D
Acq On : 4 Mar 2016 20:38
Operator : SJ/IZ
Sample : H1684-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

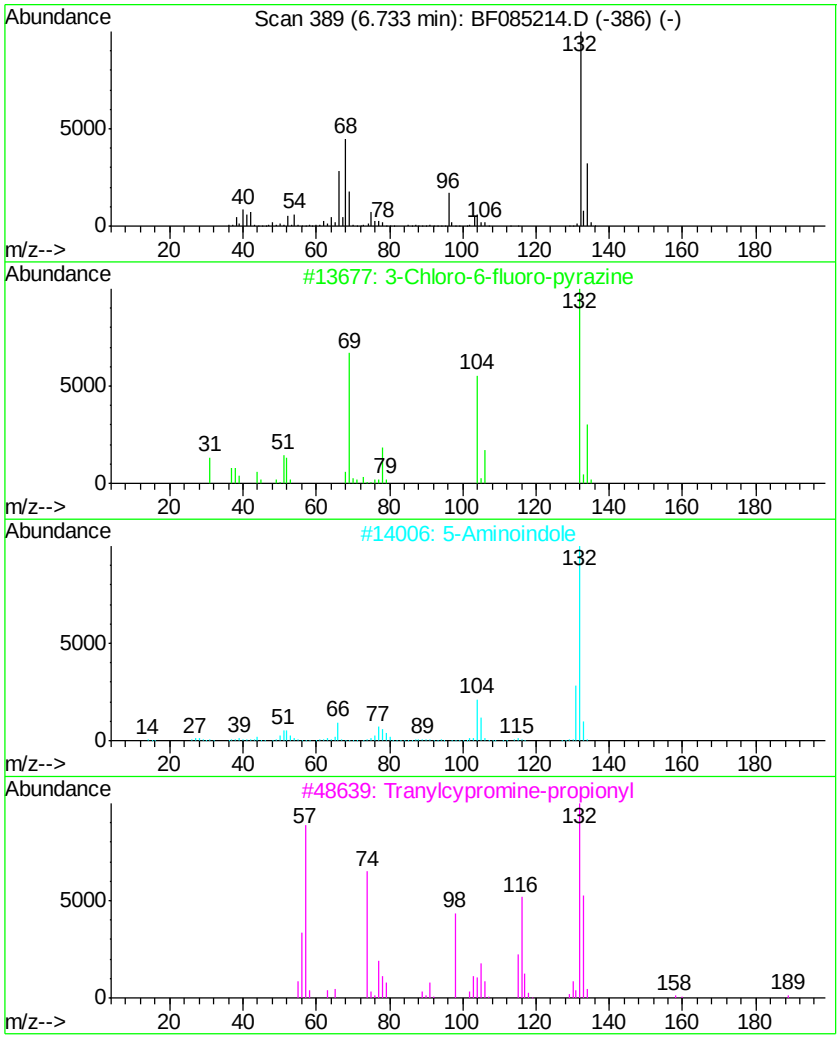
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

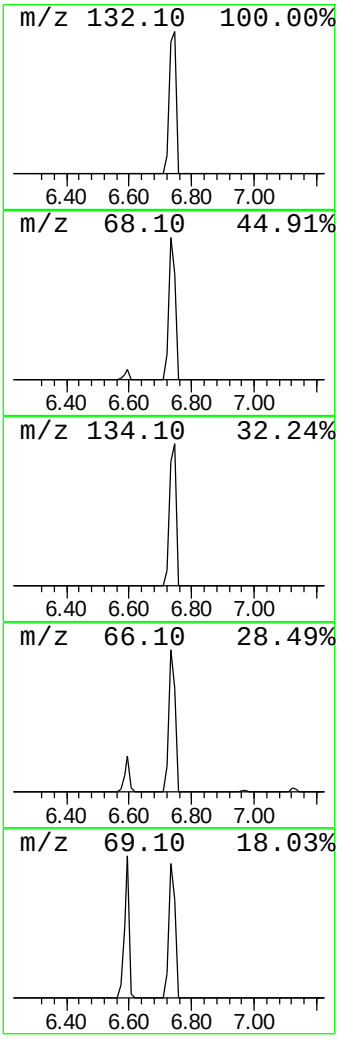
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	97.30 ng	4386960	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
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Operator : SJ/IZ
Sample : H1684-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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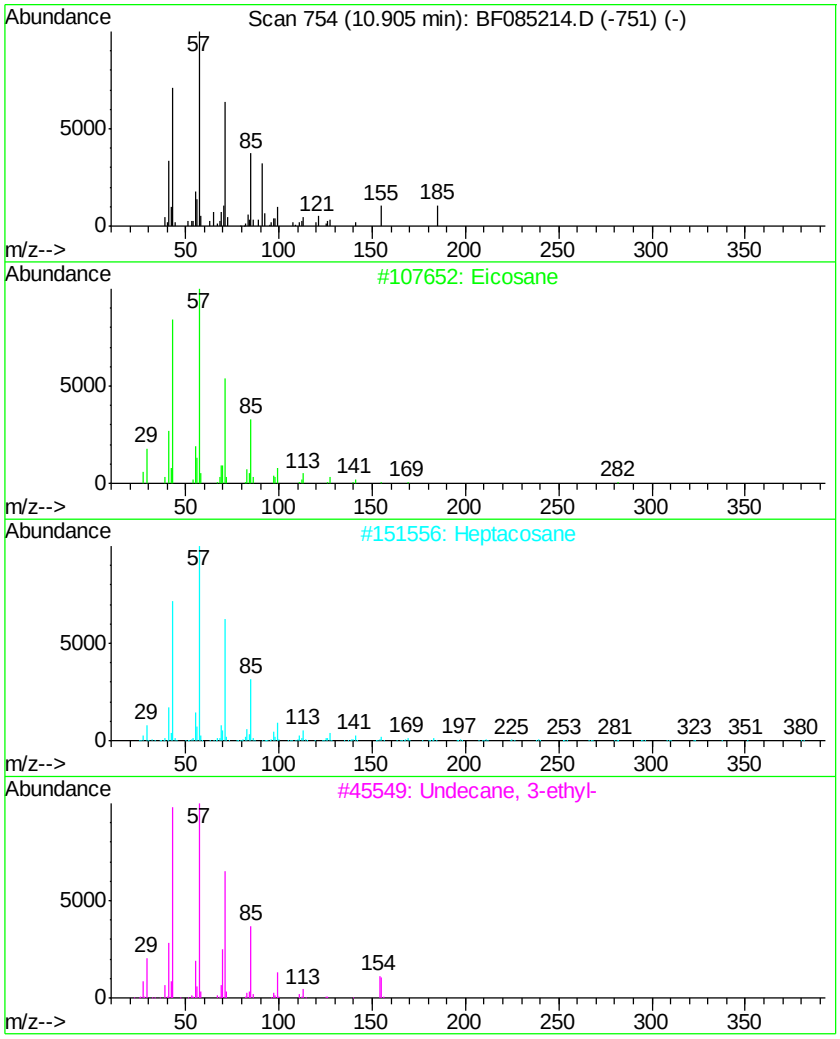
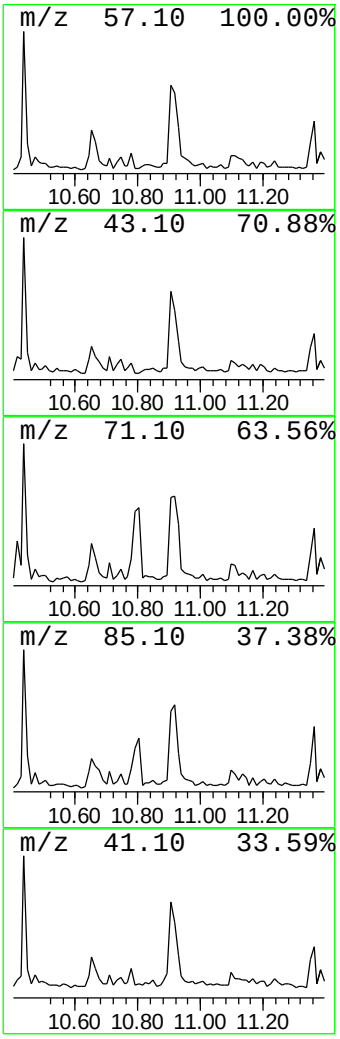
Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.09 ng	211747	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	74
2	Heptacosane	380	C27H56	000593-49-7	72
3	Undecane, 3-ethyl-	184	C13H28	017312-58-2	72
4	Tridecane	184	C13H28	000629-50-5	64
5	Hexadecane	226	C16H34	000544-76-3	59





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Sample : H1684-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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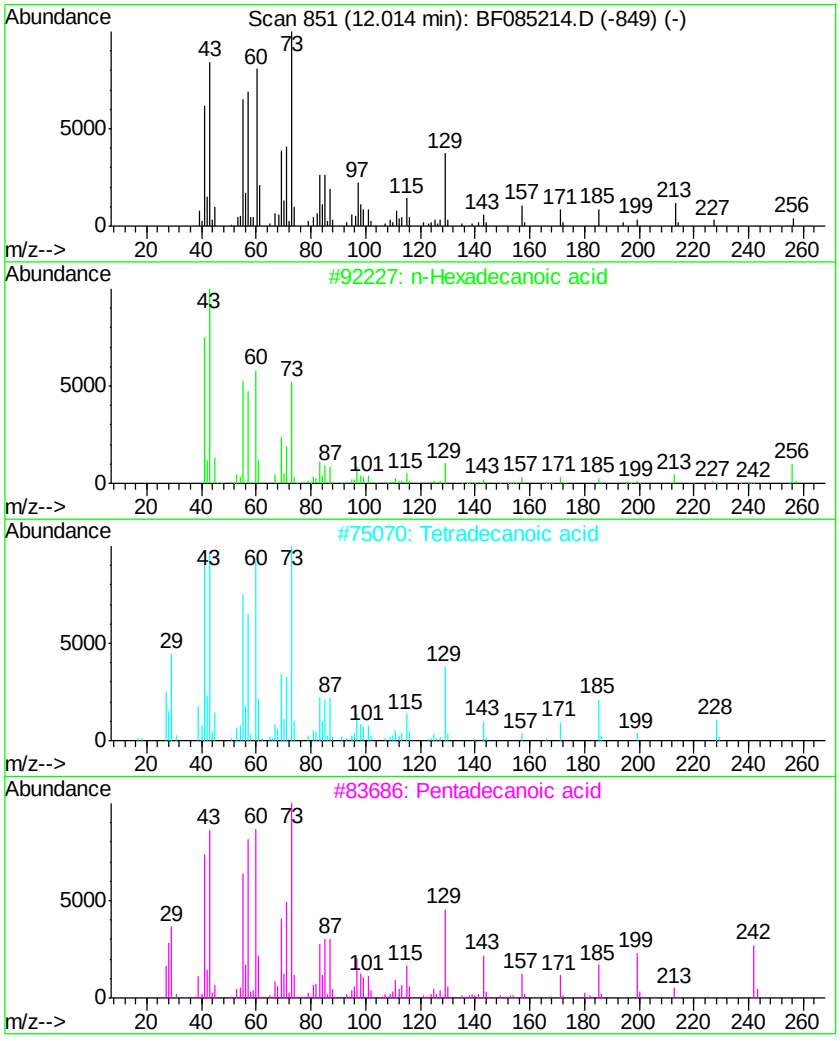
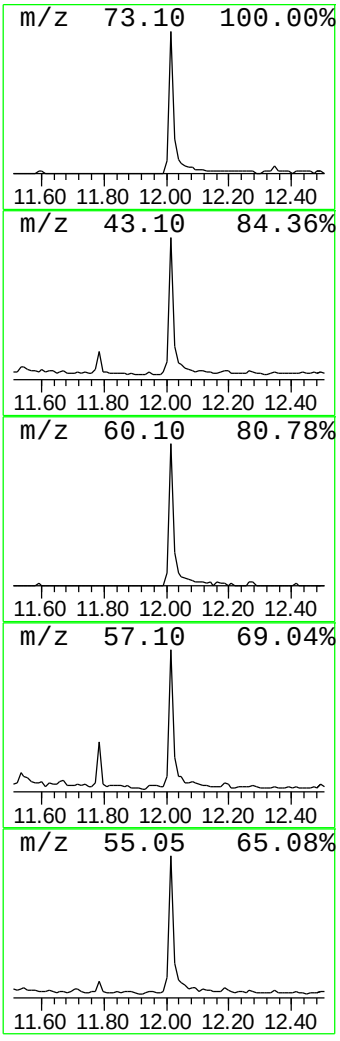
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.41 ng	233632	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tridecane	184	C13H28	000629-50-5	11





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Operator : SJ/IZ
Sample : H1684-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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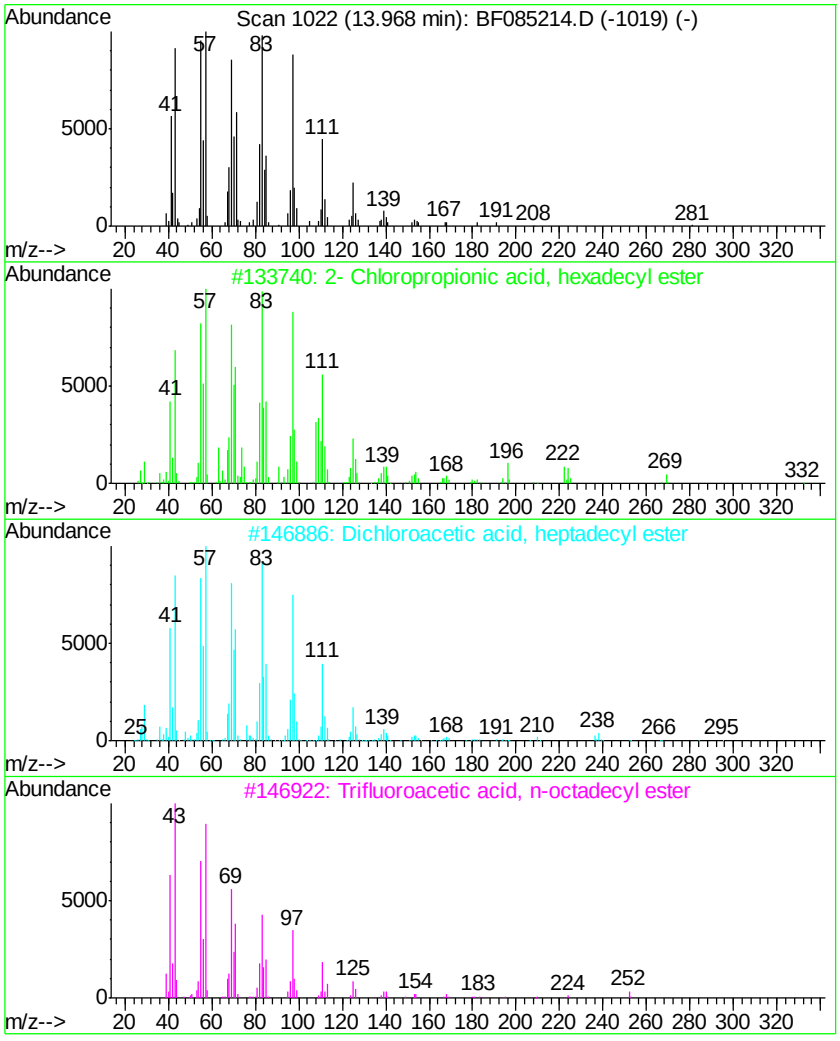
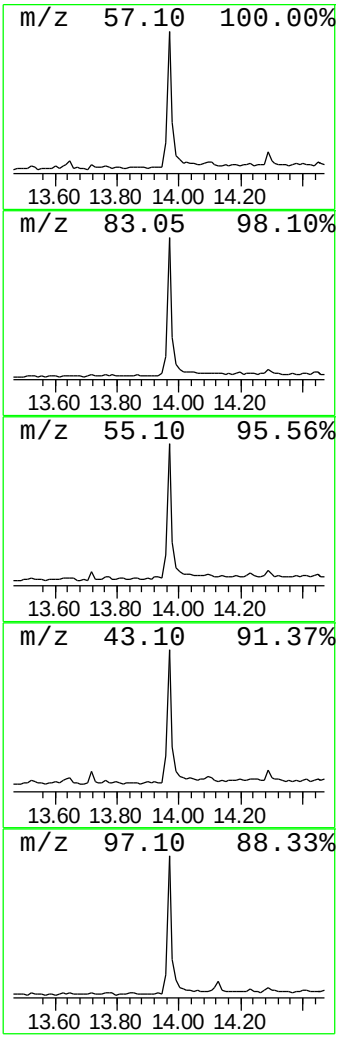
Peak Number 6 2- Chloropropionic acid, he... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.97 ng	261248	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





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Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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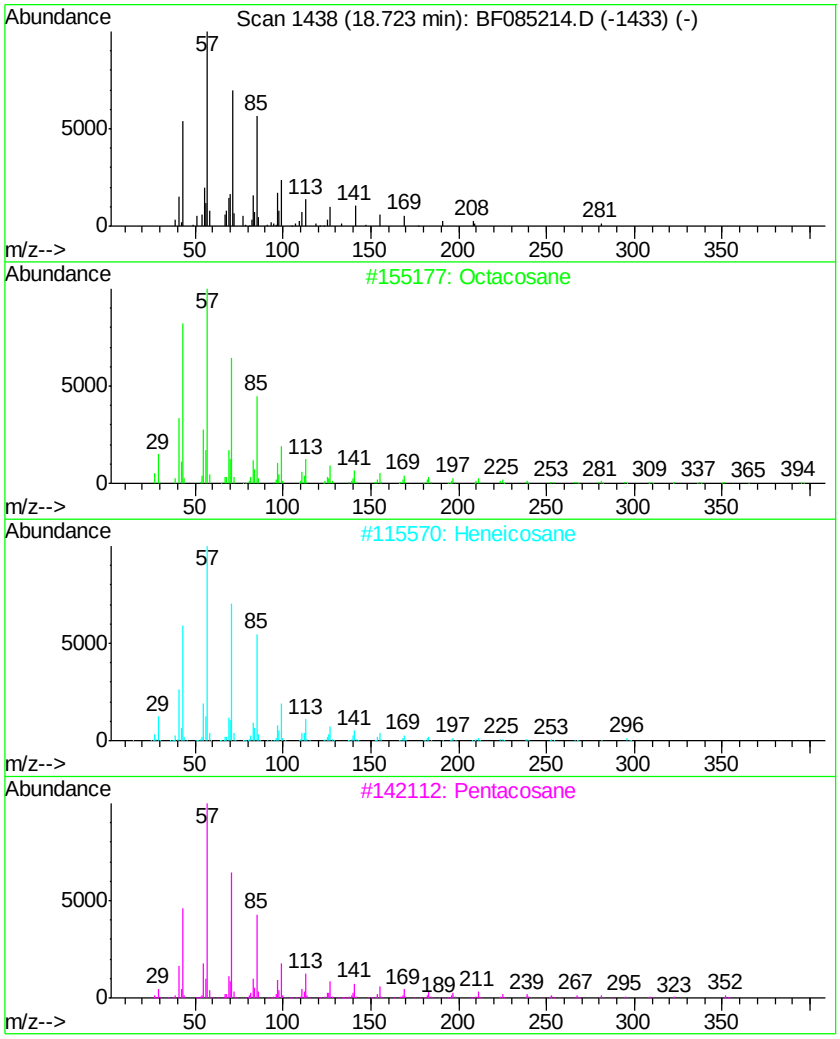
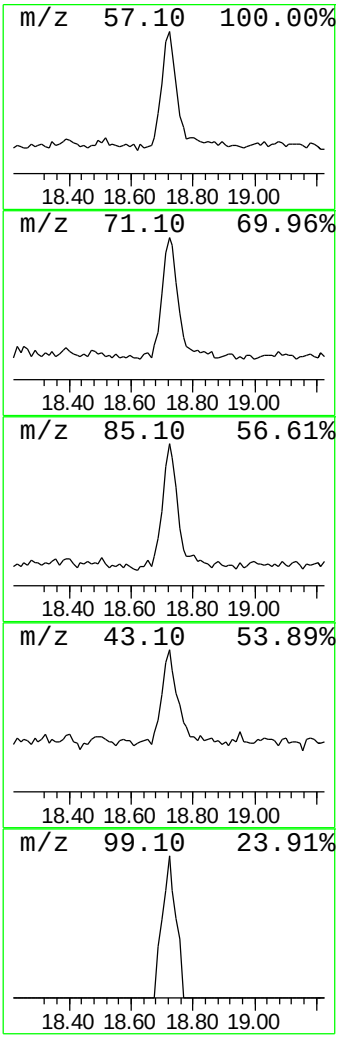
Peak Number 11 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.96 ng	112621	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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...	5.18	23.4	ng	1056970	1	6.97	901724	20.0
unknown6.73	6.73	97.3	ng	4386960	1	6.97	901724	20.0
Eicosane	10.90	3.1	ng	211747	4	11.50	1370330	20.0
n-Hexadecanoic acid	12.01	3.4	ng	233632	4	11.50	1370330	20.0
2- Chloropropioni...	13.97	5.0	ng	261248	5	14.13	1051510	20.0
Octacosane	18.72	3.0	ng	112621	6	15.60	760958	20.0