LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085695.D
Acq On : 23 Mar 2016 9:15
Operator : UM/SJ
Sample : H1857-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-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-BF031816.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	3.807	127	133	136	rBV	4178260	10714052	100.00%	24.483%
2	4.493	190	193	196	rBV	182660	212828	1.99%	0.486%
3	5.018	237	239	249	rVB	267709	501427	4.68%	1.146%
4	5.441	273	276	278	rBV	2980276	3523934	32.89%	8.053%
5	6.470	363	366	369	rBV	2544488	3389591	31.64%	7.746%
6	6.607	375	378	380	rBV	2988799	3795192	35.42%	8.673%
7	6.836	395	398	400	rBV	563015	742501	6.93%	1.697%
8	6.984	409	411	414	rBV	2359056	2674427	24.96%	6.111%
9	7.396	444	447	450	rBV	1862194	2347049	21.91%	5.363%
10	8.116	507	510	512	rBV	1256597	1069375	9.98%	2.444%
11	9.190	601	604	607	rBV	3024868	3650596	34.07%	8.342%
12	9.590	637	639	641	rBV	701689	729549	6.81%	1.667%
13	9.807	654	658	660	rBV	129081	202567	1.89%	0.463%
14	9.865	661	663	665	rVB	1008933	1106567	10.33%	2.529%
15	10.299	698	701	703	rBV	209659	265947	2.48%	0.608%
16	10.425	709	712	714	rBV2	53216	110170	1.03%	0.252%
17	10.516	717	720	724	rBV2	94849	229698	2.14%	0.525%
18	10.665	729	733	735	rBV2	1773325	2527113	23.59%	5.775%
19	10.779	741	743	747	rVB	149578	300878	2.81%	0.688%
20	11.351	791	793	795	rBV	1191914	1022608	9.54%	2.337%
21	11.876	838	839	845	rBV5	91441	208667	1.95%	0.477%
22	12.665	906	908	912	rVB2	84795	135707	1.27%	0.310%
23	12.939	929	932	934	rBV	2462597	2826573	26.38%	6.459%
24	13.831	1008	1010	1018	rVB	93145	166802	1.56%	0.381%
25	13.979	1021	1023	1026	rBV	718088	654864	6.11%	1.496%
26	15.397	1144	1147	1153	rVB	533636	652411	6.09%	1.491%

Sum of corrected areas: 43761093

LSC Report - Integrated Chromatogram

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Data File : BF085695.D
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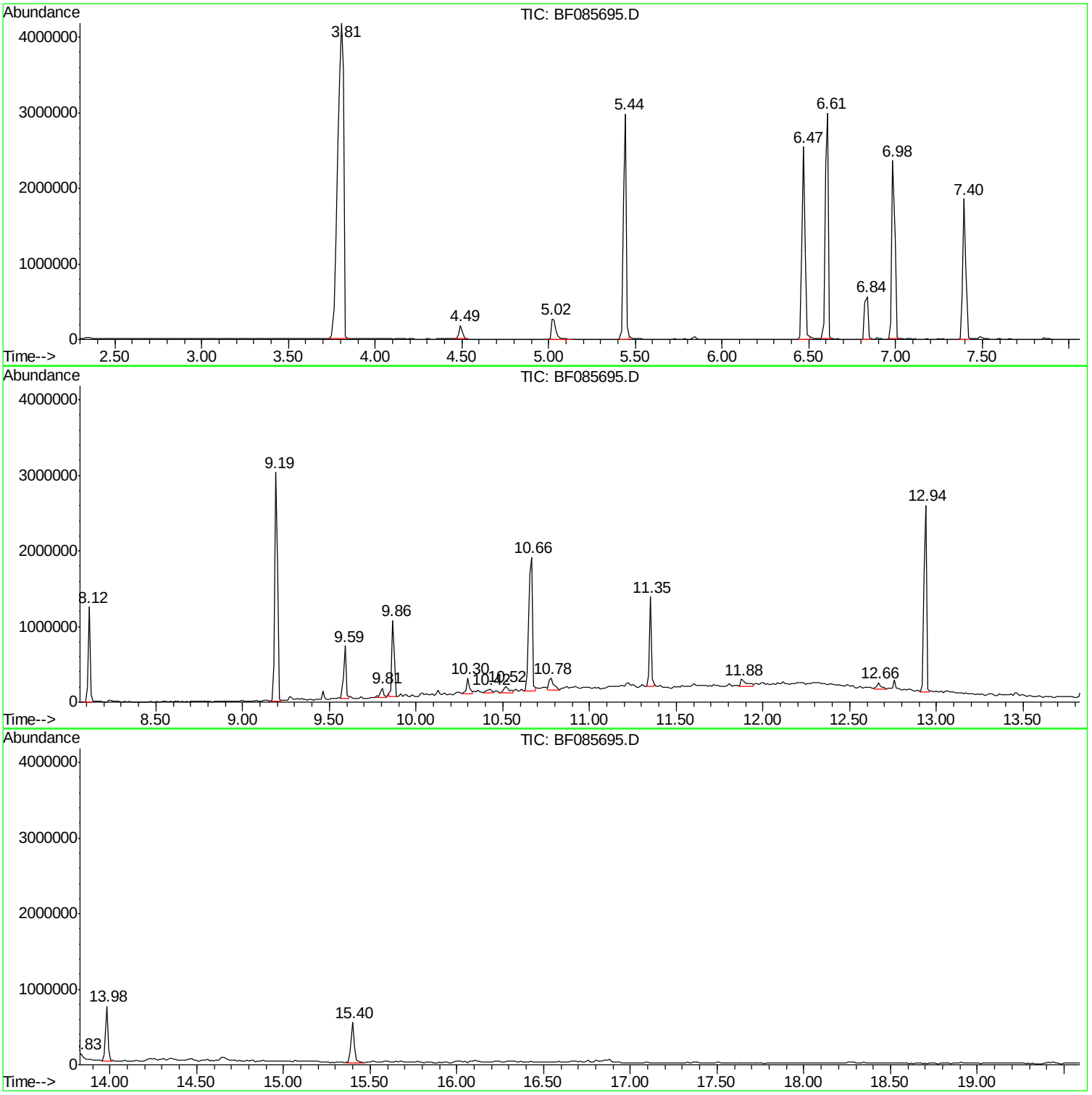
Operator : UM/SJ
Sample : H1857-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLIND-DUPLICATE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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\BF032216\
Data File : BF085695.D
Acq On : 23 Mar 2016 9:15
Operator : UM/SJ
Sample : H1857-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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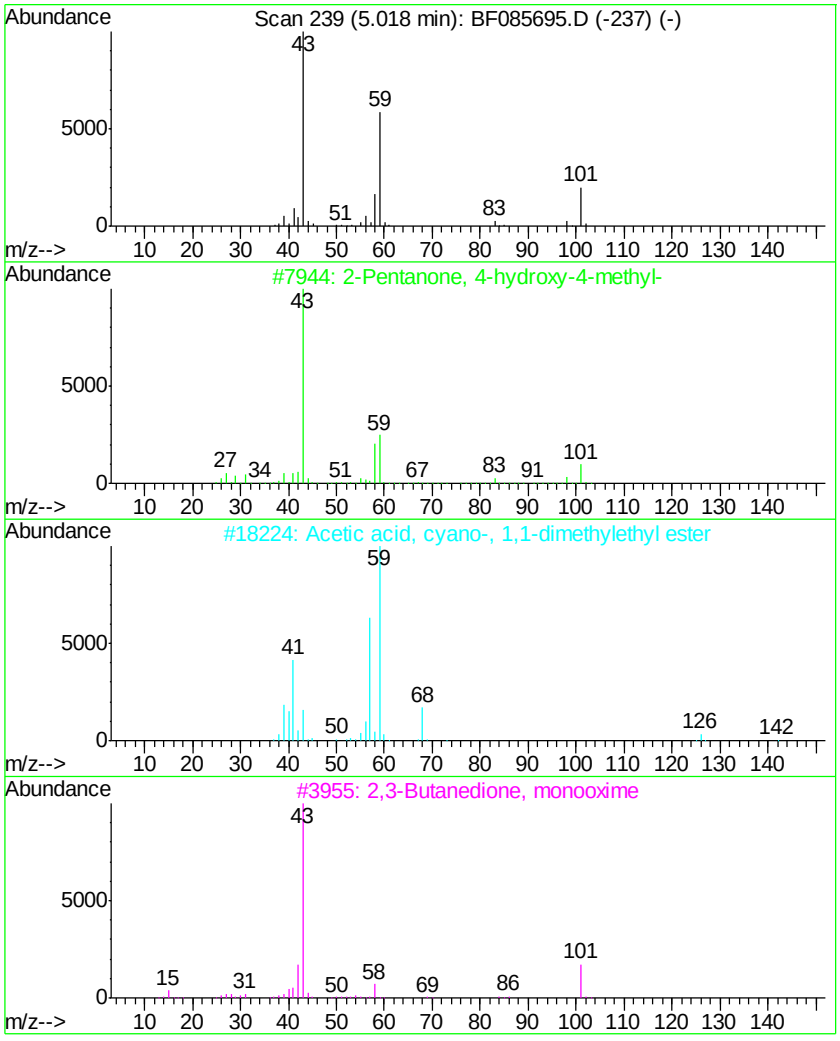
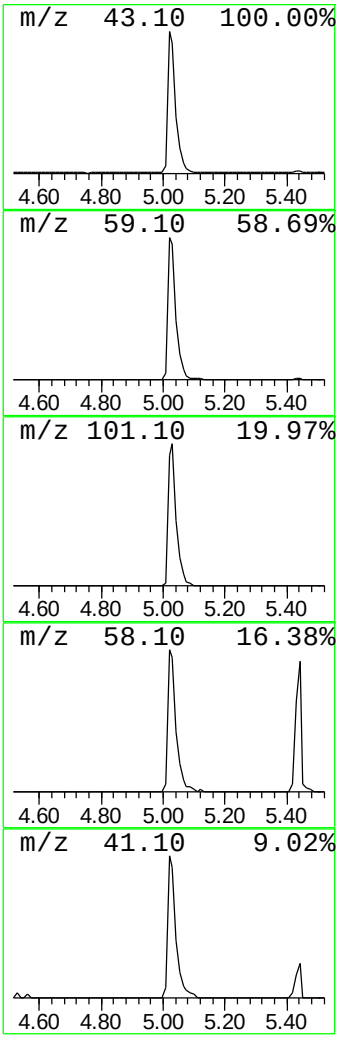
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	13.51 ng	501427	1,4-Dichlorobenzene-d4	6.84

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085695.D
Acq On : 23 Mar 2016 9:15
Operator : UM/SJ
Sample : H1857-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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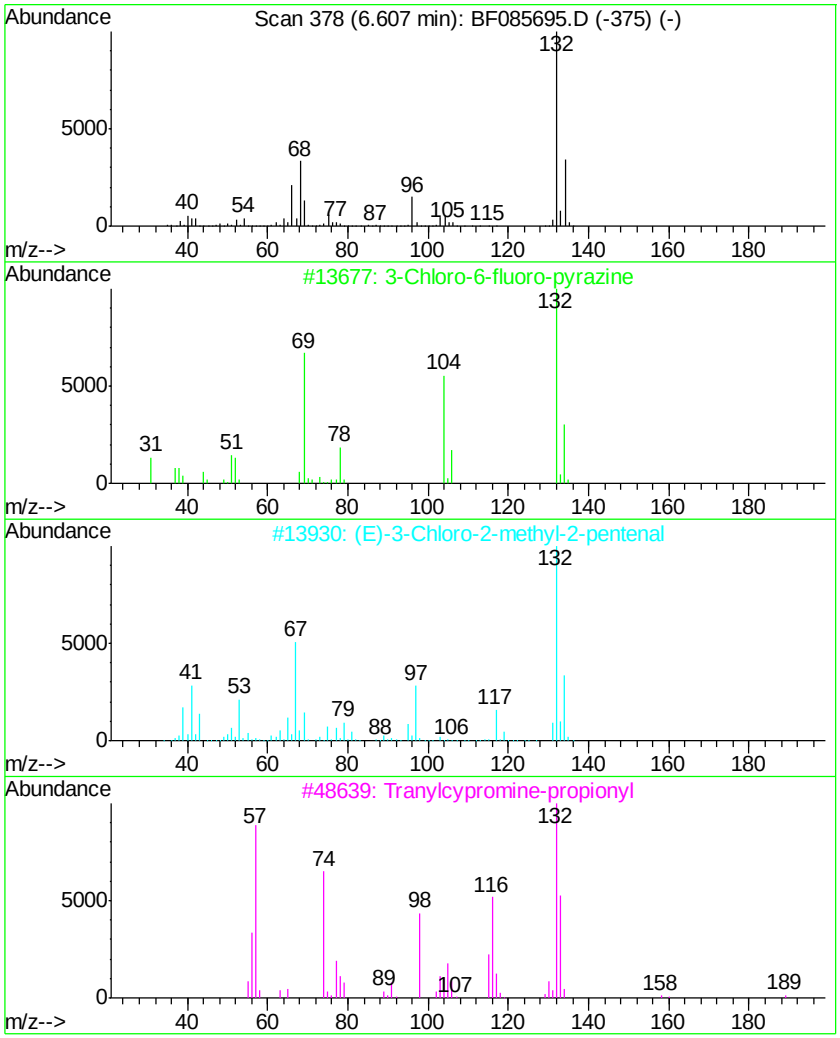
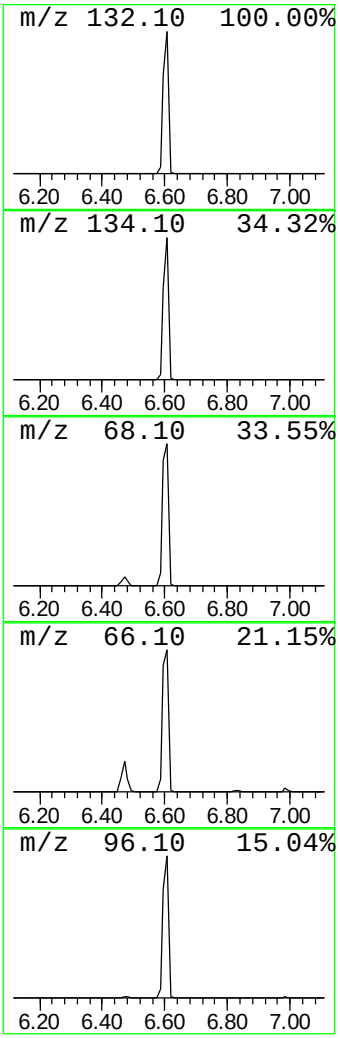
Peak Number 4 unknown6.61 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	102.23 ng	3795190	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085695.D
Acq On : 23 Mar 2016 9:15
Operator : UM/SJ
Sample : H1857-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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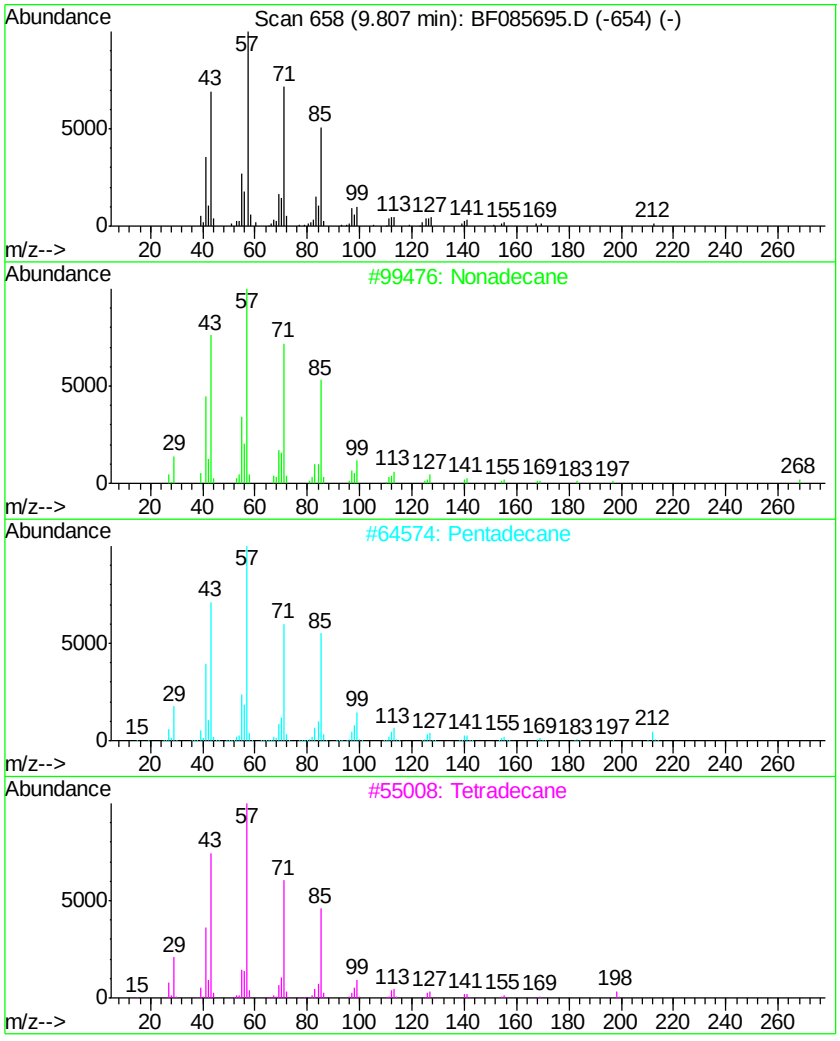
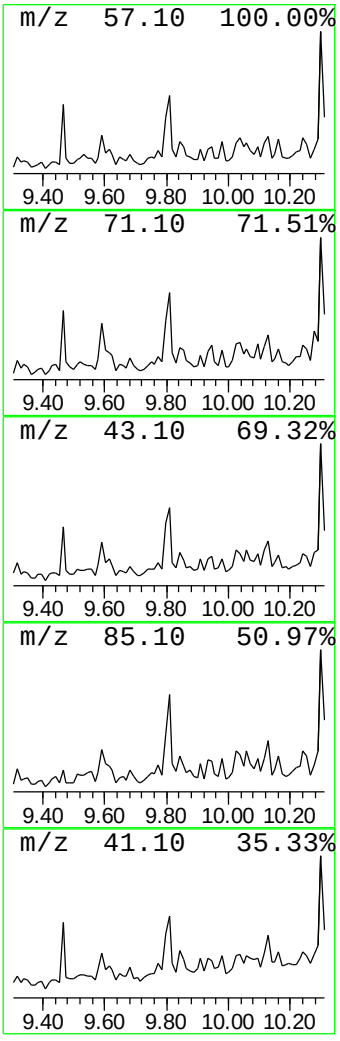
Peak Number 6 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	3.66 ng	202567	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	80
5	Tridecane	184	C13H28	000629-50-5	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085695.D
Acq On : 23 Mar 2016 9:15
Operator : UM/SJ
Sample : H1857-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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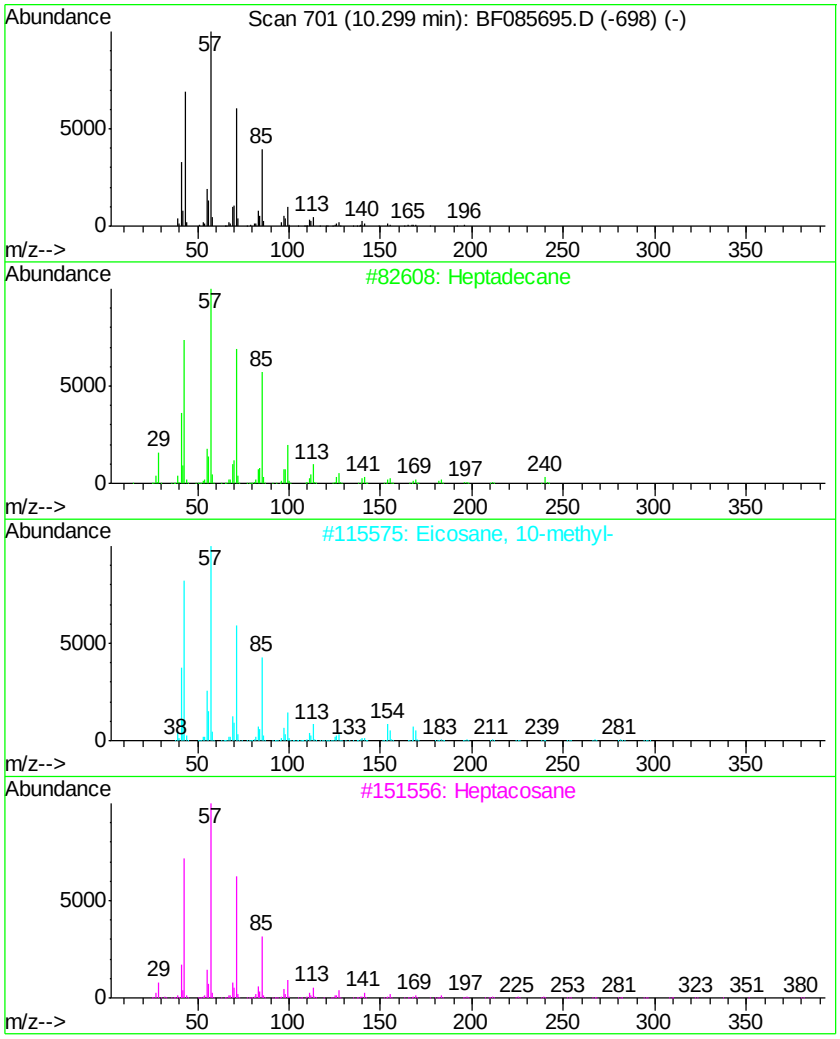
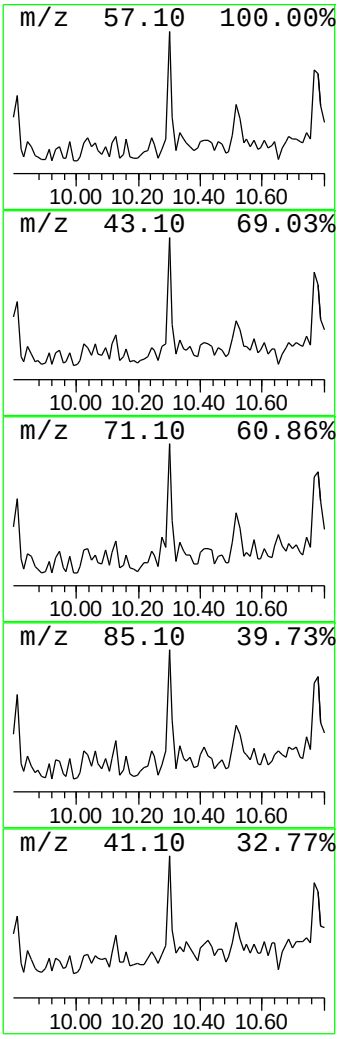
Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	4.81 ng	265947	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tetracosane	338	C24H50	000646-31-1	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085695.D
Acq On : 23 Mar 2016 9:15
Operator : UM/SJ
Sample : H1857-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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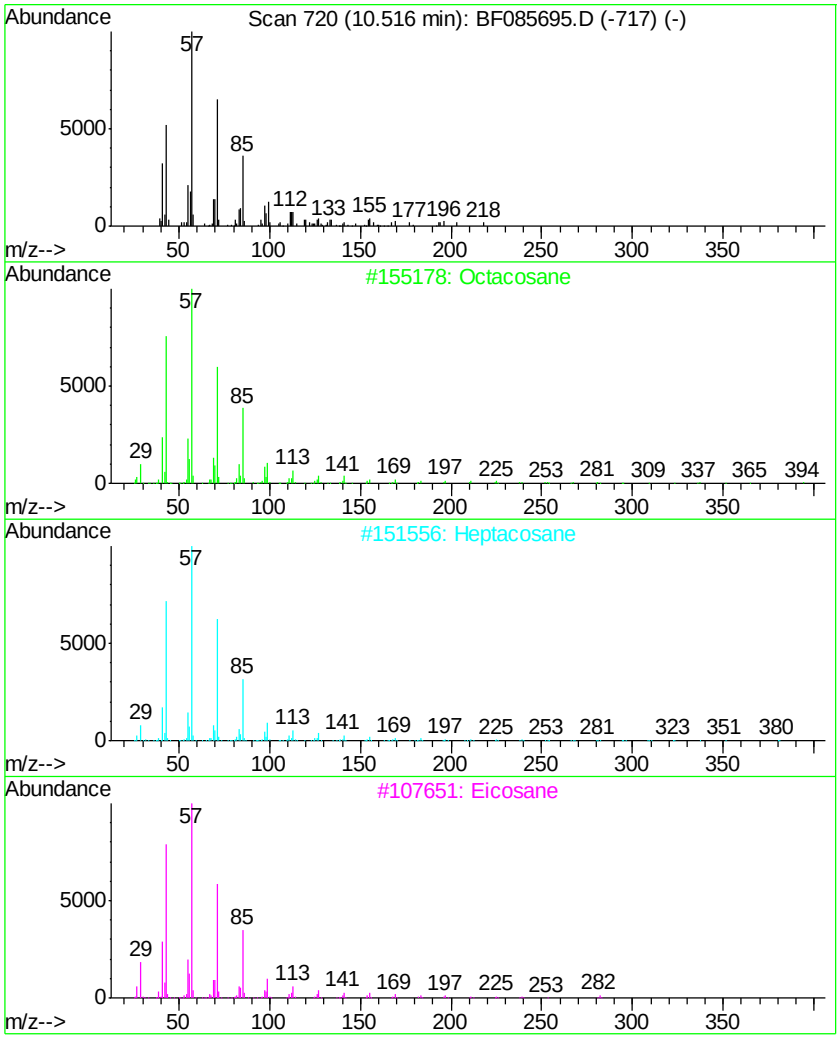
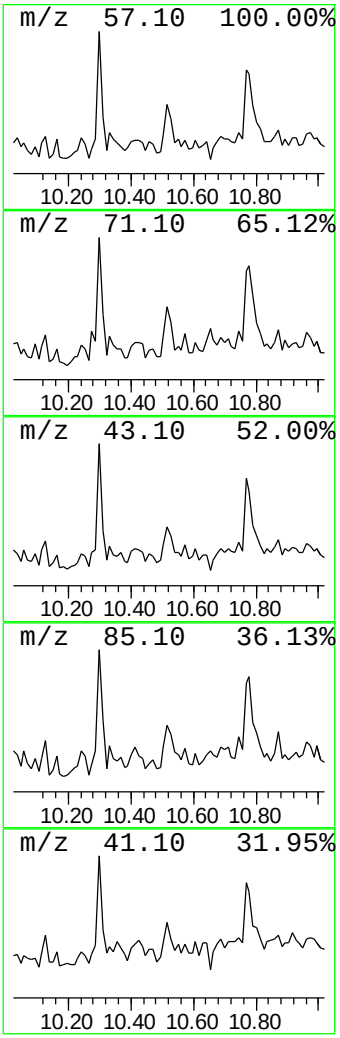
Peak Number 8 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	4.15 ng	229698	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	Heptacosane	380	C27H56	000593-49-7	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tetratetracontane	619	C44H90	007098-22-8	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085695.D
Acq On : 23 Mar 2016 9:15
Operator : UM/SJ
Sample : H1857-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLIND-DUPLICATE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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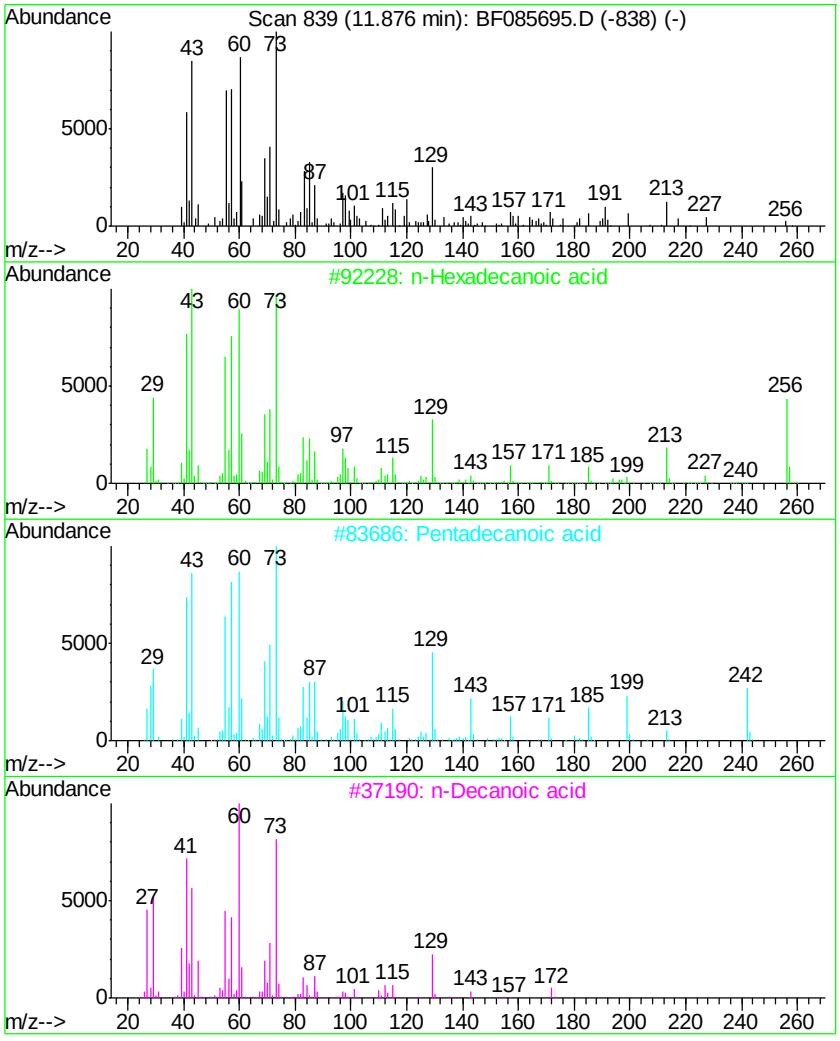
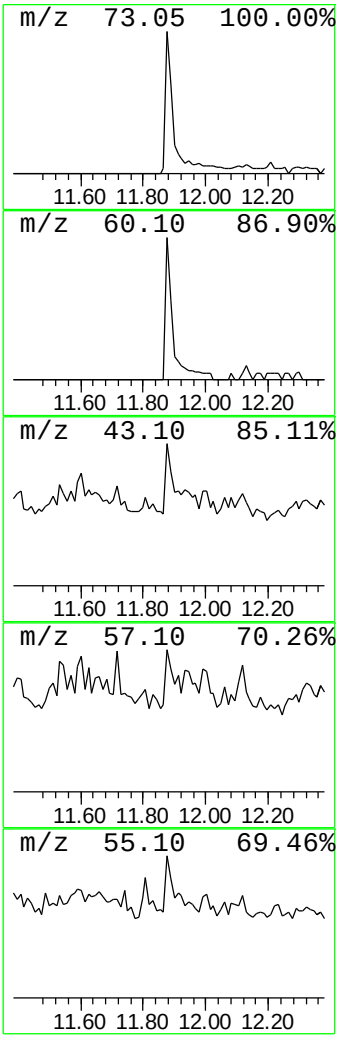
Peak Number 10 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	4.08 ng	208667	Phenanthrene-d10	11.35

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	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	68
4	Nonanoic acid	158	C9H18O2	000112-05-0	18
5	Octanoic Acid	144	C8H16O2	000124-07-2	18





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Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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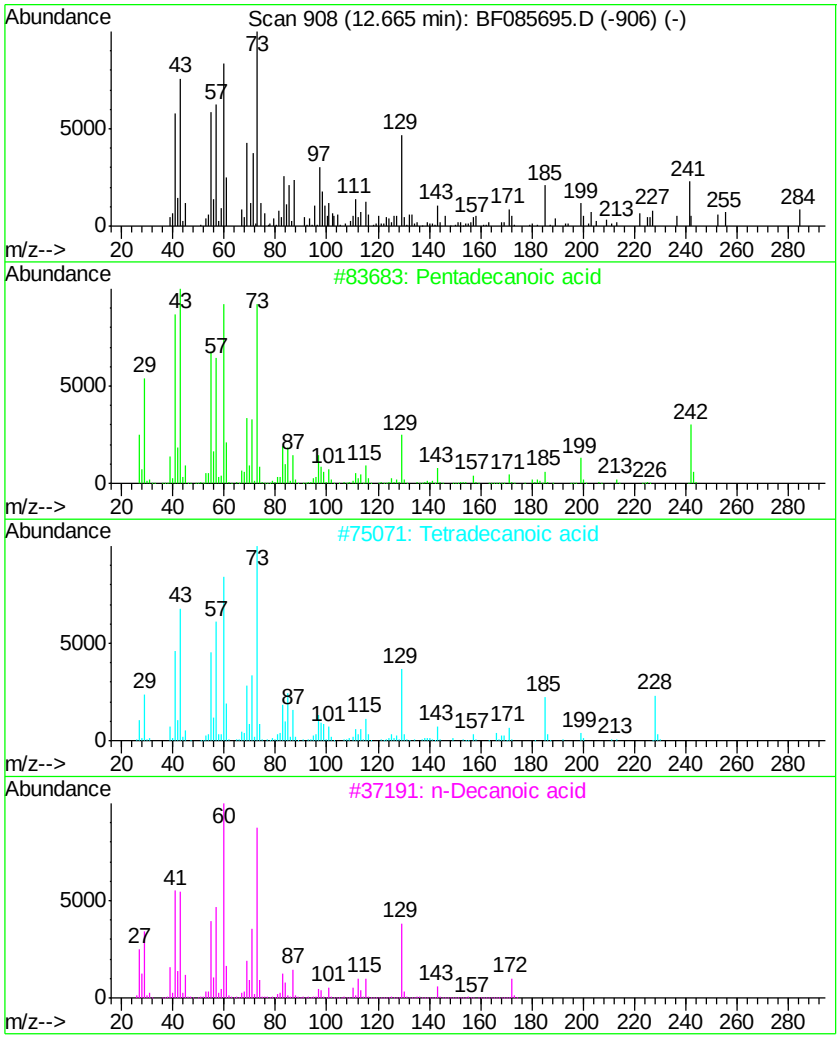
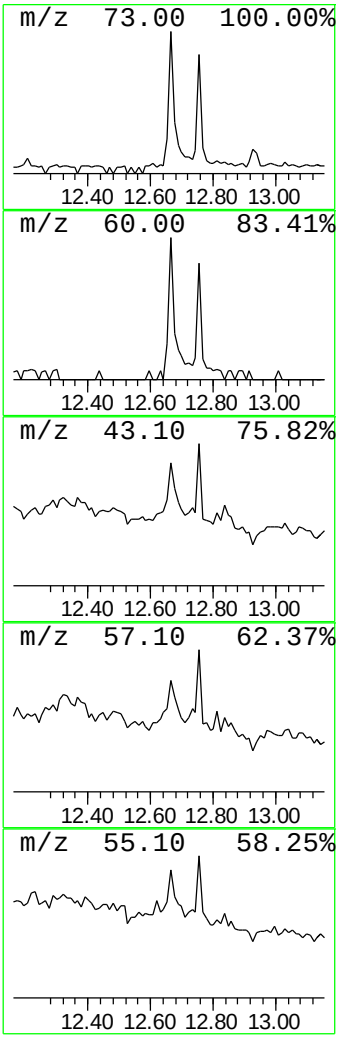
Peak Number 11 Pentadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	2.65 ng	135707	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	92
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	55





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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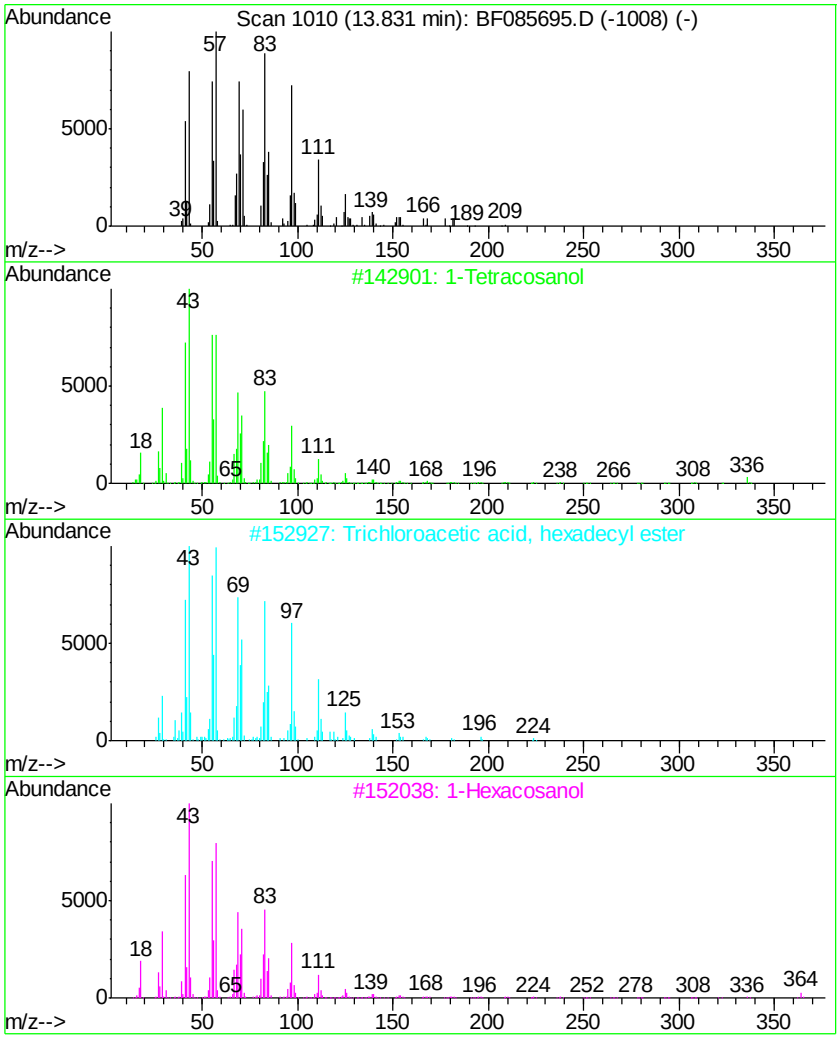
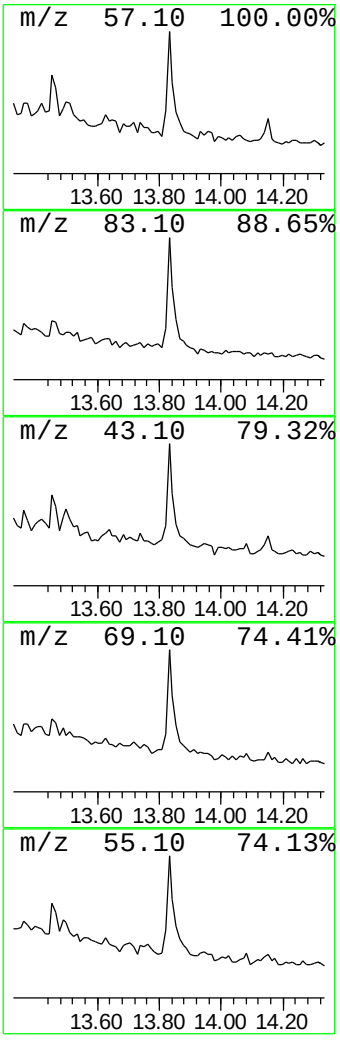
Peak Number 12 1-Tetracosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	5.09 ng	166802	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosanol	354	C24H50O	000506-51-4	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	90
5	17-Pentatriacontene	491	C35H70	006971-40-0	90





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	5.02	13.5	ng	501427	1	6.84	742501	20.0
unknown6.61	6.61	102.2	ng	3795190	1	6.84	742501	20.0
Nonadecane	9.81	3.7	ng	202567	3	9.86	1106570	20.0
Heptadecane	10.30	4.8	ng	265947	3	9.86	1106570	20.0
Octacosane	10.52	4.2	ng	229698	3	9.86	1106570	20.0
n-Hexadecanoic acid	11.88	4.1	ng	208667	4	11.35	1022610	20.0
Pentadecanoic acid	12.66	2.6	ng	135707	4	11.35	1022610	20.0
1-Tetracosanol	13.83	5.1	ng	166802	5	13.98	654864	20.0