LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085117.D
Acq On : 2 Mar 2016 14:12
Operator : SJ/IZ
Sample : H1631-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-42(6-8)

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-BF030116.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	2.332	3	4	17	rVB	71548	121862	2.13%	0.241%
2	5.201	252	255	264	rVB	926769	1225972	21.44%	2.421%
3	5.601	286	290	292	rBV	4763074	5580173	97.57%	11.018%
4	6.607	375	378	381	rBV	3997844	4887580	85.46%	9.651%
5	6.756	388	391	393	rBV	5099711	5070188	88.65%	10.011%
6	6.984	409	411	414	rVB	1039353	1051800	18.39%	2.077%
7	7.144	422	425	427	rBV	4192808	3955788	69.17%	7.811%
8	7.544	457	460	463	rBV	2546326	3612910	63.17%	7.134%
9	7.624	463	467	469	rVV	88986	110209	1.93%	0.218%
10	8.276	521	524	526	rBV	1439956	1491359	26.08%	2.945%
11	9.350	615	618	620	rBV	6093473	5719067	100.00%	11.293%
12	9.739	650	652	654	rBV	1541847	1255070	21.95%	2.478%
13	9.956	669	671	673	rBV	162845	127809	2.23%	0.252%
14	10.025	675	677	680	rVB	1513330	1610347	28.16%	3.180%
15	10.459	711	715	716	rBV	187369	221459	3.87%	0.437%
16	10.676	731	734	737	rBV	66911	111730	1.95%	0.221%
17	10.813	743	746	749	rBV	3427775	3860279	67.50%	7.622%
18	10.928	754	756	763	rVB	218241	259113	4.53%	0.512%
19	11.373	793	795	797	rBV	129188	122733	2.15%	0.242%
20	11.510	805	807	810	rBV	1878667	1654079	28.92%	3.266%
21	11.579	810	813	815	rVB	49979	92328	1.61%	0.182%
22	11.728	824	826	830	rBV	166276	213671	3.74%	0.422%
23	11.796	830	832	835	rVB	48080	72648	1.27%	0.143%
24	13.099	943	946	948	rBV	5920603	5705467	99.76%	11.266%
25	13.991	1022	1024	1034	rBV	51836	117583	2.06%	0.232%
26	14.151	1035	1038	1040	rVV	1138504	1332164	23.29%	2.630%
27	15.625	1163	1167	1174	rBV	724469	1060355	18.54%	2.094%

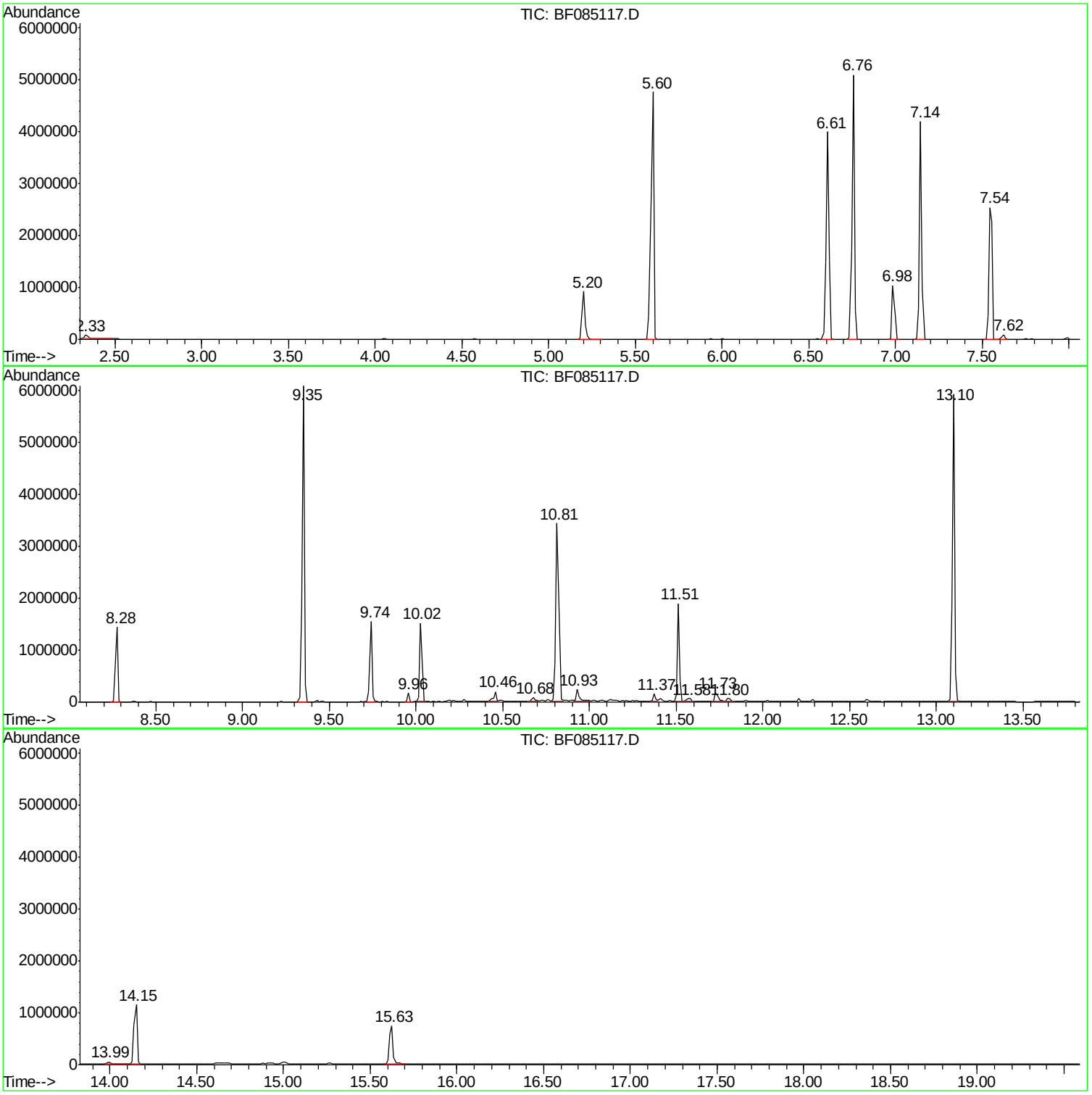
Sum of corrected areas: 50643743

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085117.D
Acq On : 2 Mar 2016 14:12
Operator : SJ/IZ
Sample : H1631-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-42(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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\BF030216\
Data File : BF085117.D
Acq On : 2 Mar 2016 14:12
Operator : SJ/IZ
Sample : H1631-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-42(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

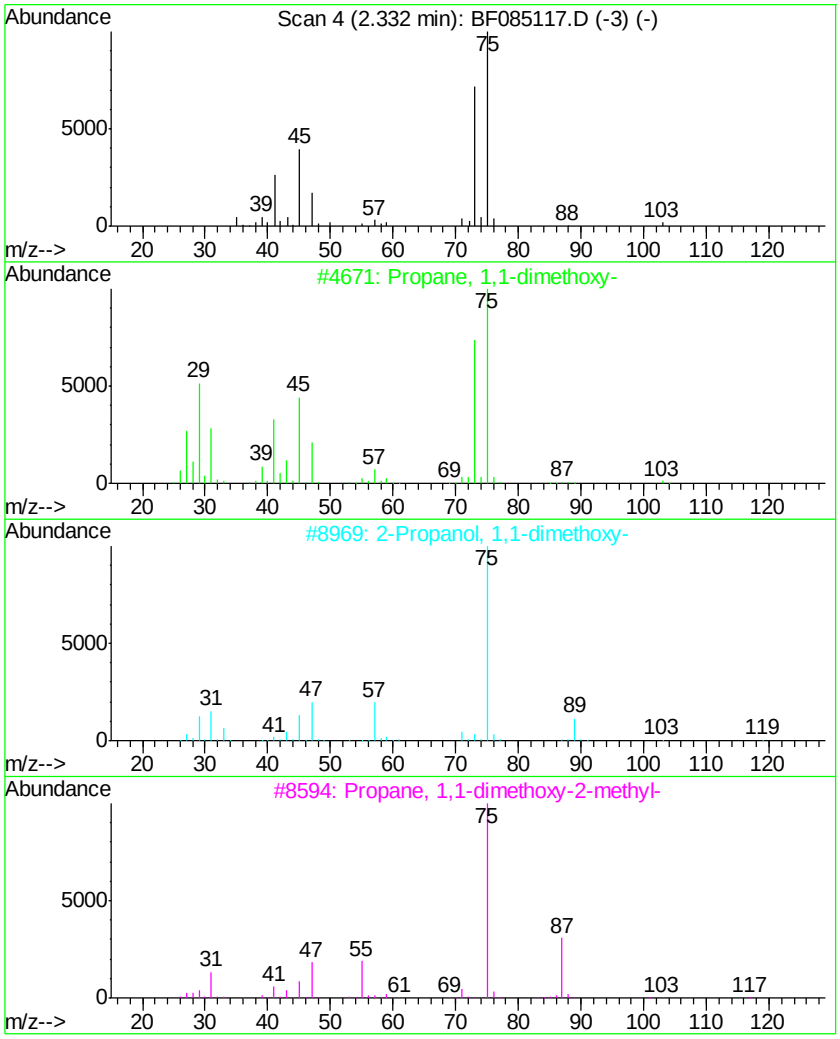
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

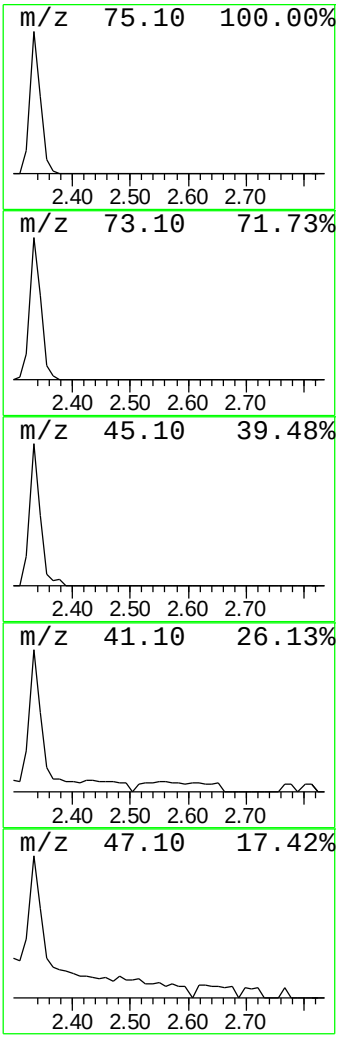
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	2.32 ng	121862	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	40
3	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	28
4	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9
5	Pentanoic acid, 2-hydroxy-, ethy...	146	C7H14O3	006938-26-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085117.D
Acq On : 2 Mar 2016 14:12
Operator : SJ/IZ
Sample : H1631-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-42(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

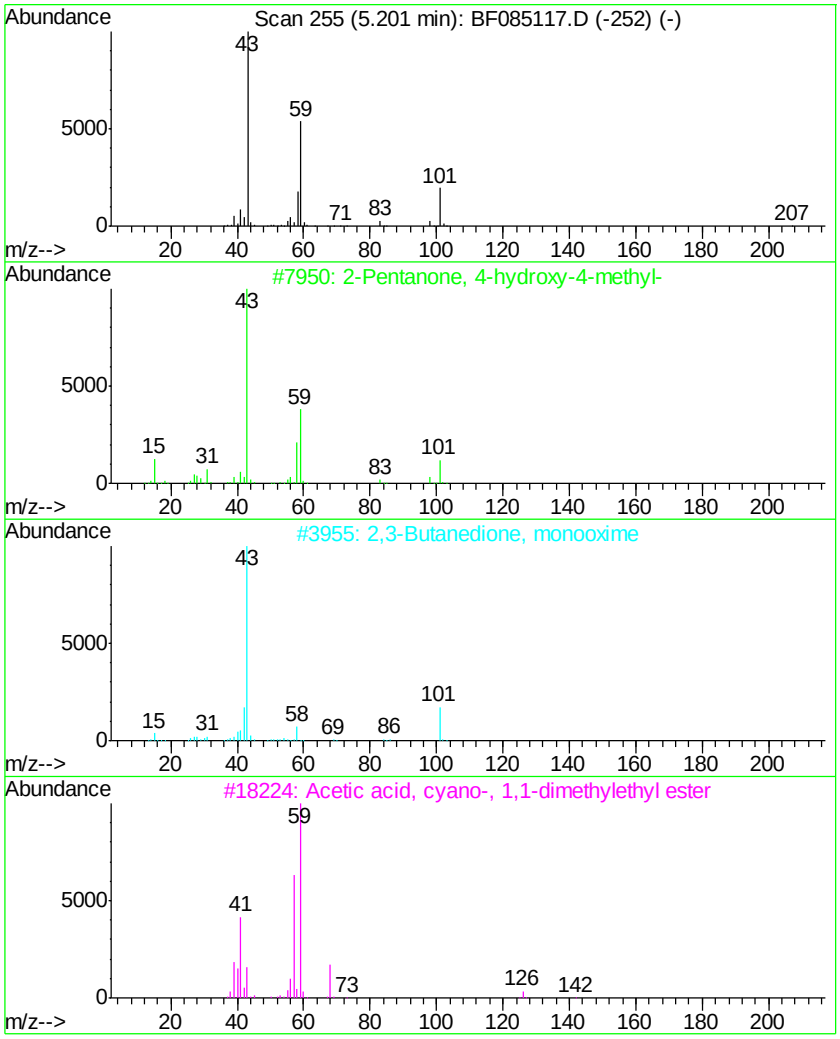
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

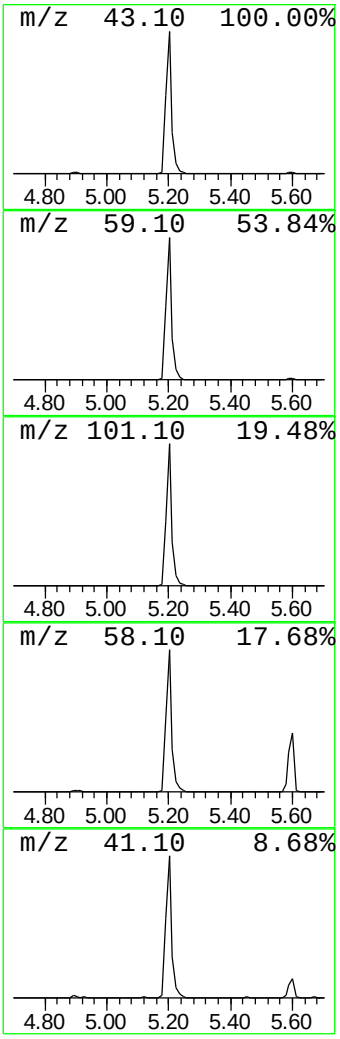
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	23.31 ng	1225970	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085117.D
Acq On : 2 Mar 2016 14:12
Operator : SJ/IZ
Sample : H1631-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-42(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

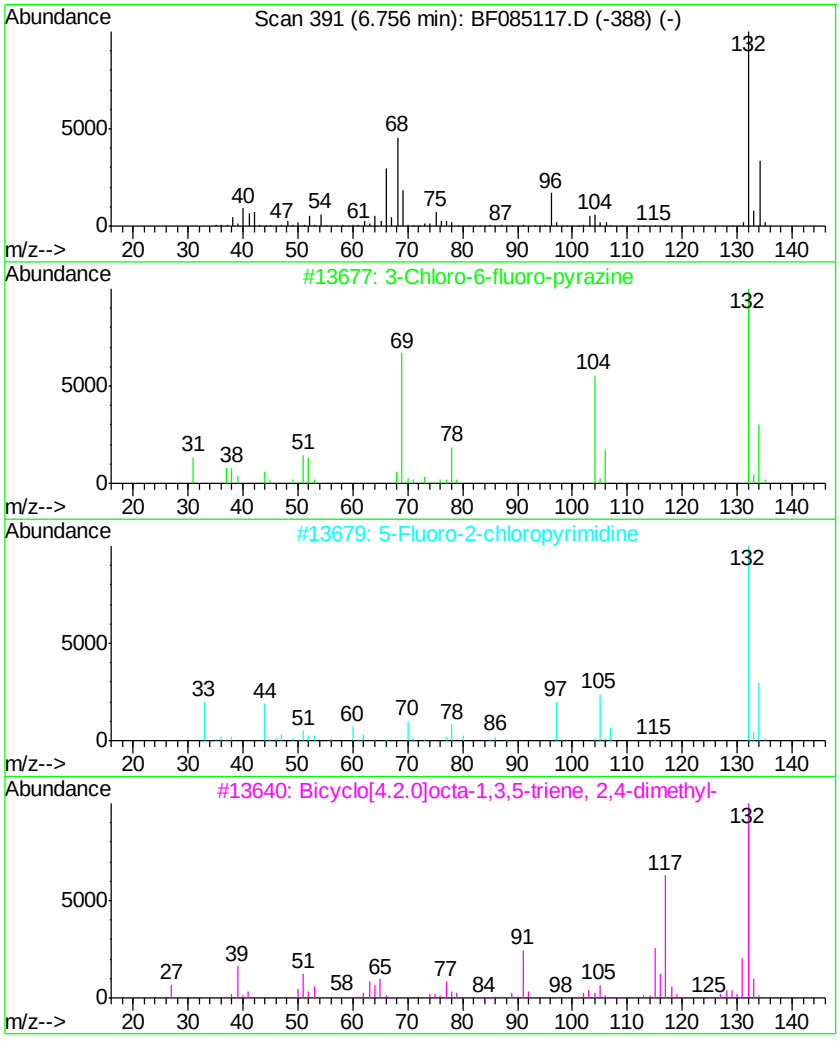
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

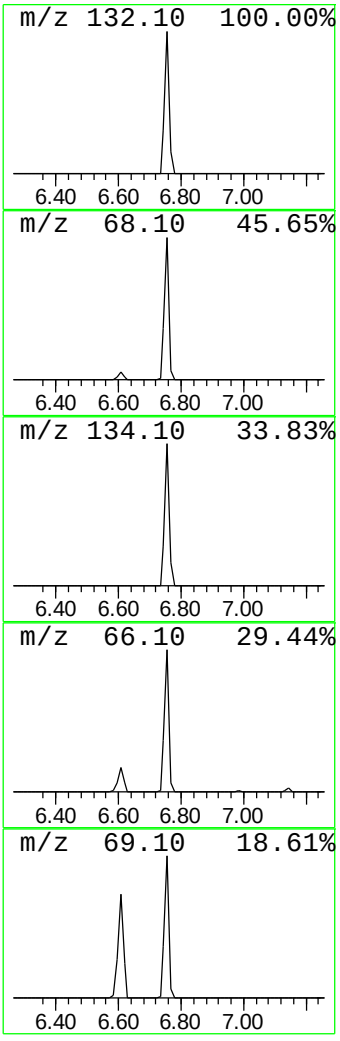
****

Peak Number 3 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	96.41 ng	5070190	1,4-Dichlorobenzene-d4	6.98

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	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085117.D
Acq On : 2 Mar 2016 14:12
Operator : SJ/IZ
Sample : H1631-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-42(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

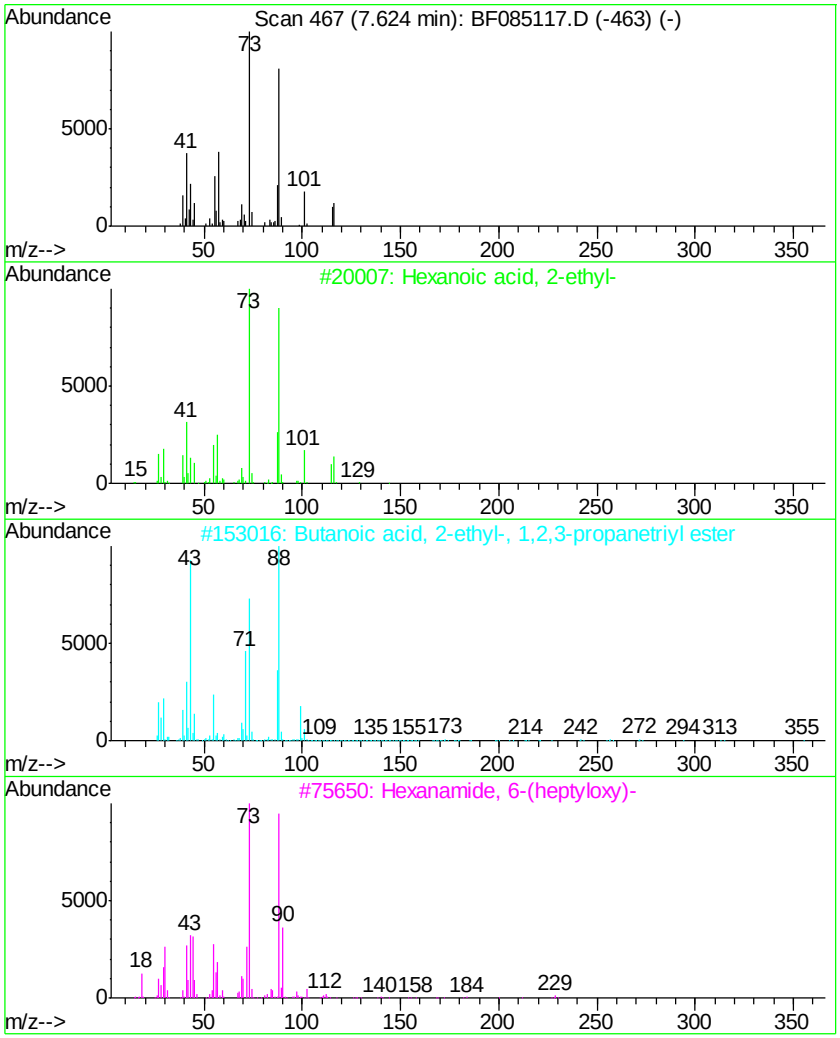
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

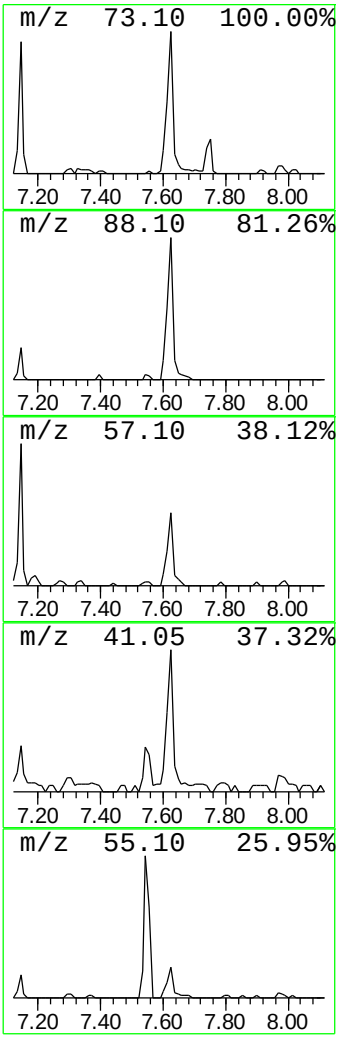
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	2.10 ng	110209	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
3	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	42
4	1,4-Dioxane	88	C4H8O2	000123-91-1	37
5	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	37





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085117.D
Acq On : 2 Mar 2016 14:12
Operator : SJ/IZ
Sample : H1631-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-42(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

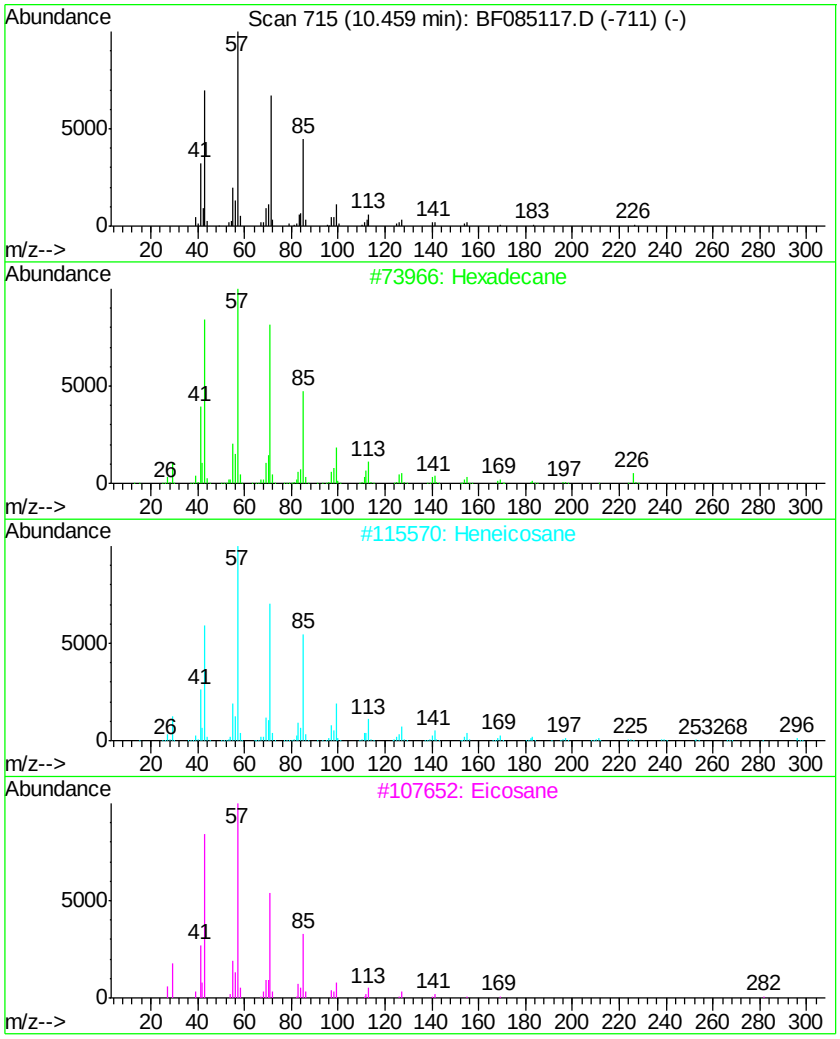
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

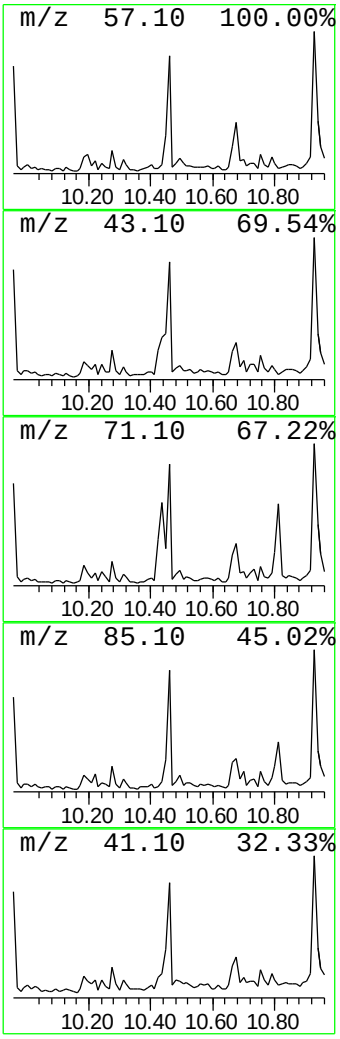
****

Peak Number 5 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	2.75 ng	221459	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5	Tridecane	184	C13H28	000629-50-5	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085117.D
Acq On : 2 Mar 2016 14:12
Operator : SJ/IZ
Sample : H1631-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-42(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

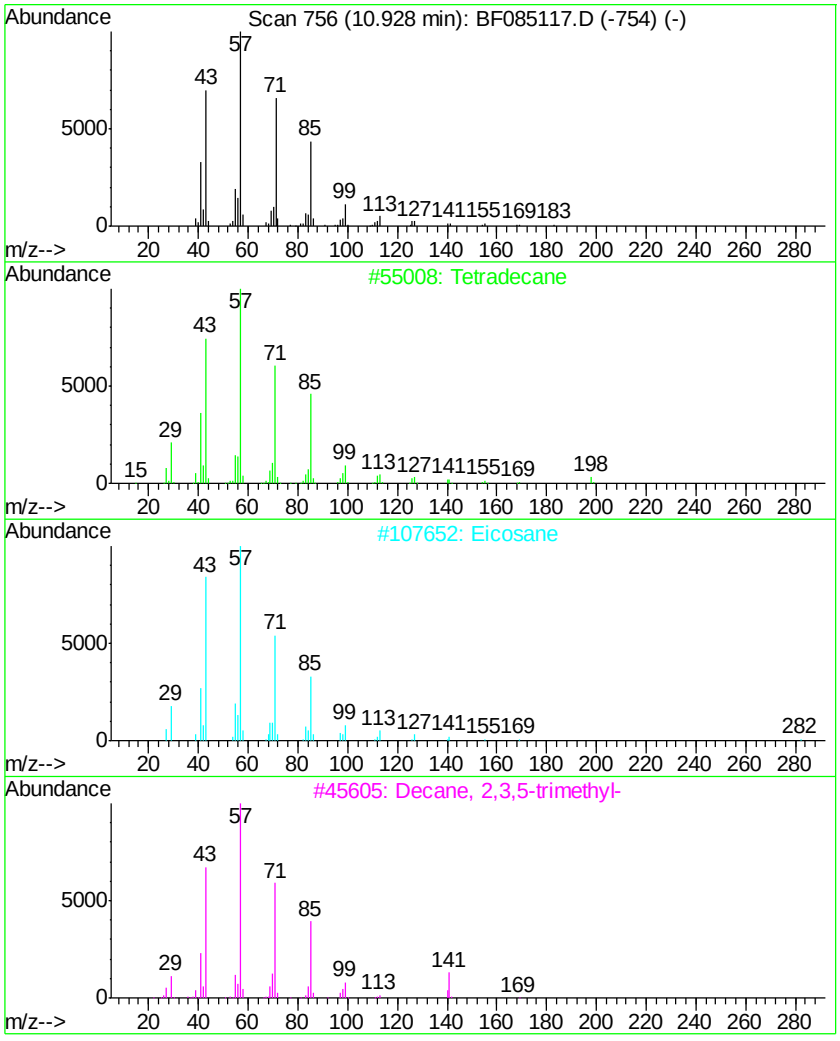
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

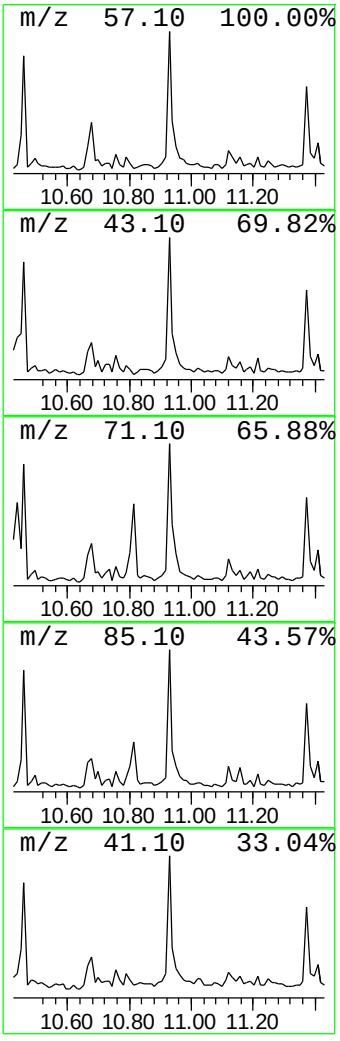
****

Peak Number 6 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	3.13 ng	259113	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Eicosane	282	C20H42	000112-95-8	83
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085117.D
Acq On : 2 Mar 2016 14:12
Operator : SJ/IZ
Sample : H1631-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-42(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

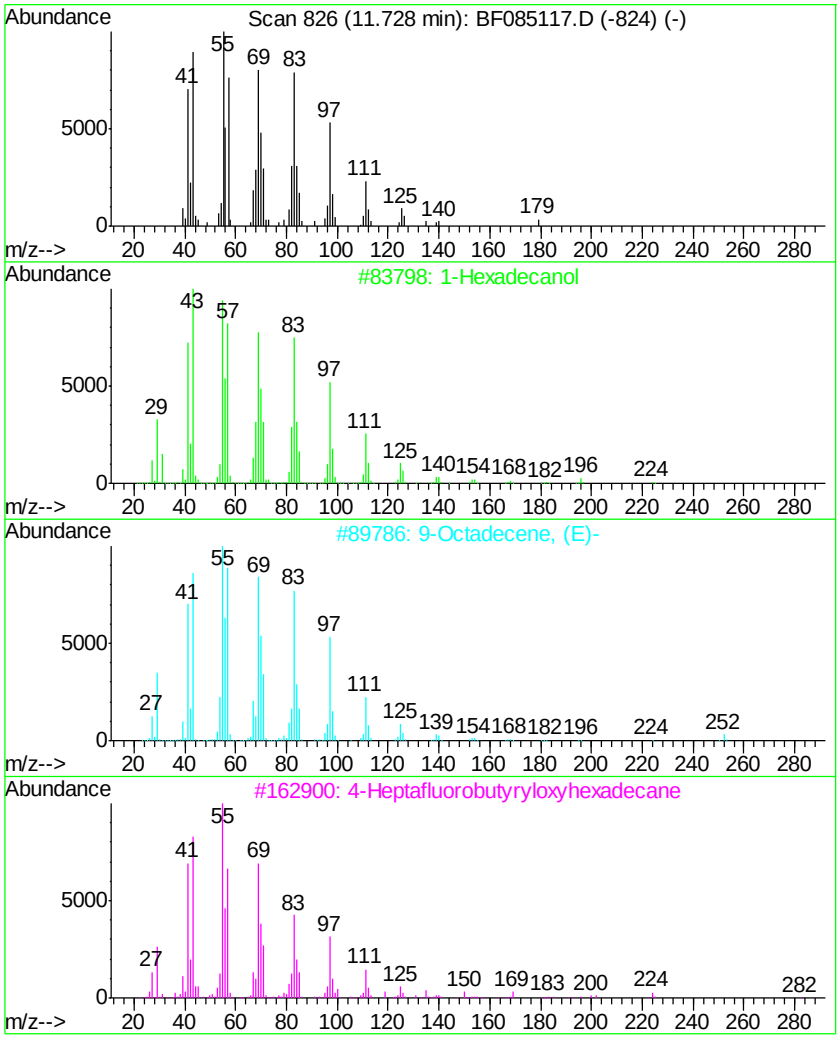
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

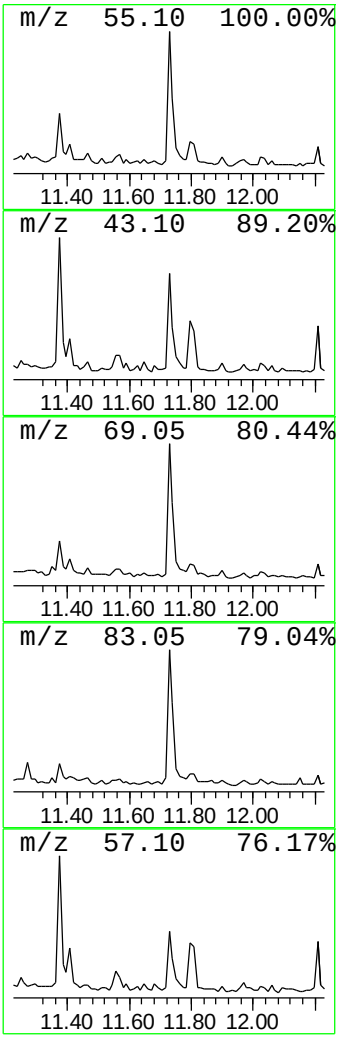
****

Peak Number 7 1-Hexadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.58 ng	213671	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	1-Tridecanol	200	C13H28O	000112-70-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085117.D
Acq On : 2 Mar 2016 14:12
Operator : SJ/IZ
Sample : H1631-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-42(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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
Propane, 1,1-dime...	2.33	2.3	ng	121862	1	6.98	1051800	20.0
2-Pentanone, 4-hy...	5.20	23.3	ng	1225970	1	6.98	1051800	20.0
unknown6.76	6.76	96.4	ng	5070190	1	6.98	1051800	20.0
Hexanoic acid, 2-...	7.62	2.1	ng	110209	1	6.98	1051800	20.0
Hexadecane	10.46	2.8	ng	221459	3	10.02	1610350	20.0
Tetradecane	10.93	3.1	ng	259113	4	11.51	1654080	20.0
1-Hexadecanol	11.73	2.6	ng	213671	4	11.51	1654080	20.0