LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086195.D
Acq On : 9 Apr 2016 3:53
Operator : UM/SJ
Sample : H2346-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-18(0.5-20.0)

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-BF040216.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	4.898	244	246	261	rBV	276894	512613	18.41%	2.146%
2	5.333	281	284	286	rBV	2343662	2656674	95.40%	11.120%
3	5.733	316	319	325	rVB	31652	48261	1.73%	0.202%
4	6.384	373	376	378	rBV	2323137	2655921	95.37%	11.117%
5	6.499	384	386	389	rBV	2639596	2472391	88.78%	10.349%
6	6.727	404	406	411	rBV	721419	639950	22.98%	2.679%
7	6.887	417	420	422	rBV	1909948	2204575	79.16%	9.228%
8	7.299	453	456	458	rBV	1639703	1630124	58.54%	6.823%
9	8.007	516	518	521	rBV	582129	778095	27.94%	3.257%
10	9.093	610	613	615	rBV	2881215	2784801	100.00%	11.656%
11	9.482	646	647	650	rBV	209690	296933	10.66%	1.243%
12	9.699	664	666	668	rBV	57259	45357	1.63%	0.190%
13	9.767	669	672	674	rVB	681140	774722	27.82%	3.243%
14	10.202	706	710	711	rBV	70200	78122	2.81%	0.327%
15	10.419	725	729	730	rBV	27437	38504	1.38%	0.161%
16	10.556	738	741	743	rBV	1506980	1455120	52.25%	6.091%
17	10.670	749	751	755	rBV	81128	94361	3.39%	0.395%
18	11.116	788	790	791	rBV	46237	40270	1.45%	0.169%
19	11.242	799	801	804	rBV	624293	648818	23.30%	2.716%
20	11.779	846	848	853	rBV2	106600	121248	4.35%	0.508%
21	12.568	914	917	922	rBV3	15598	39874	1.43%	0.167%
22	12.682	926	927	930	rVB2	22832	32096	1.15%	0.134%
23	12.831	937	940	942	rBV	2174684	1976532	70.98%	8.273%
24	13.059	958	960	962	rBV	31925	34281	1.23%	0.143%
25	13.402	988	990	992	rBV	35315	32466	1.17%	0.136%
26	13.734	1016	1019	1026	rBV	141096	242311	8.70%	1.014%
27	13.882	1029	1032	1034	rBV	686392	673006	24.17%	2.817%
28	14.042	1044	1046	1049	rBV	28612	53195	1.91%	0.223%
29	14.351	1070	1073	1074	rBV	41733	53455	1.92%	0.224%
30	14.625	1095	1097	1103	rVV2	67947	105504	3.79%	0.442%
31	14.705	1103	1104	1107	rVB	54902	53019	1.90%	0.222%
32	14.945	1123	1125	1127	rVB	46142	48249	1.73%	0.202%
33	15.277	1151	1154	1157	rBV	448932	541700	19.45%	2.267%
34	15.677	1187	1189	1192	rBV	20988	28634	1.03%	0.120%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086195.D
Acq On : 9 Apr 2016 3:53
Operator : UM/SJ
Sample : H2346-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-18(0.5-20.0)

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 23891182

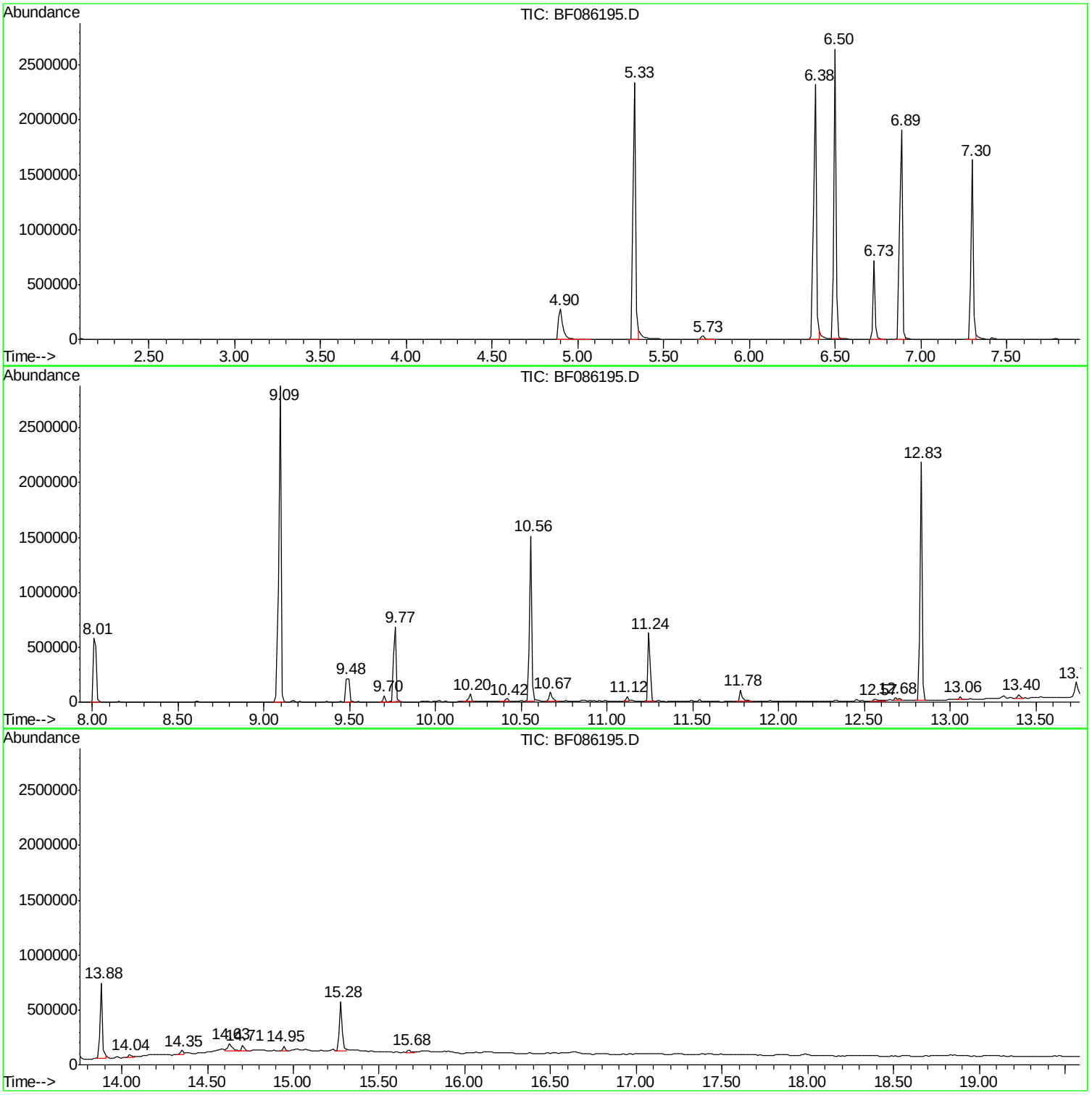
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086195.D
Acq On : 9 Apr 2016 3:53
Operator : UM/SJ
Sample : H2346-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-18(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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\BF040816\
Data File : BF086195.D
Acq On : 9 Apr 2016 3:53
Operator : UM/SJ
Sample : H2346-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-18(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

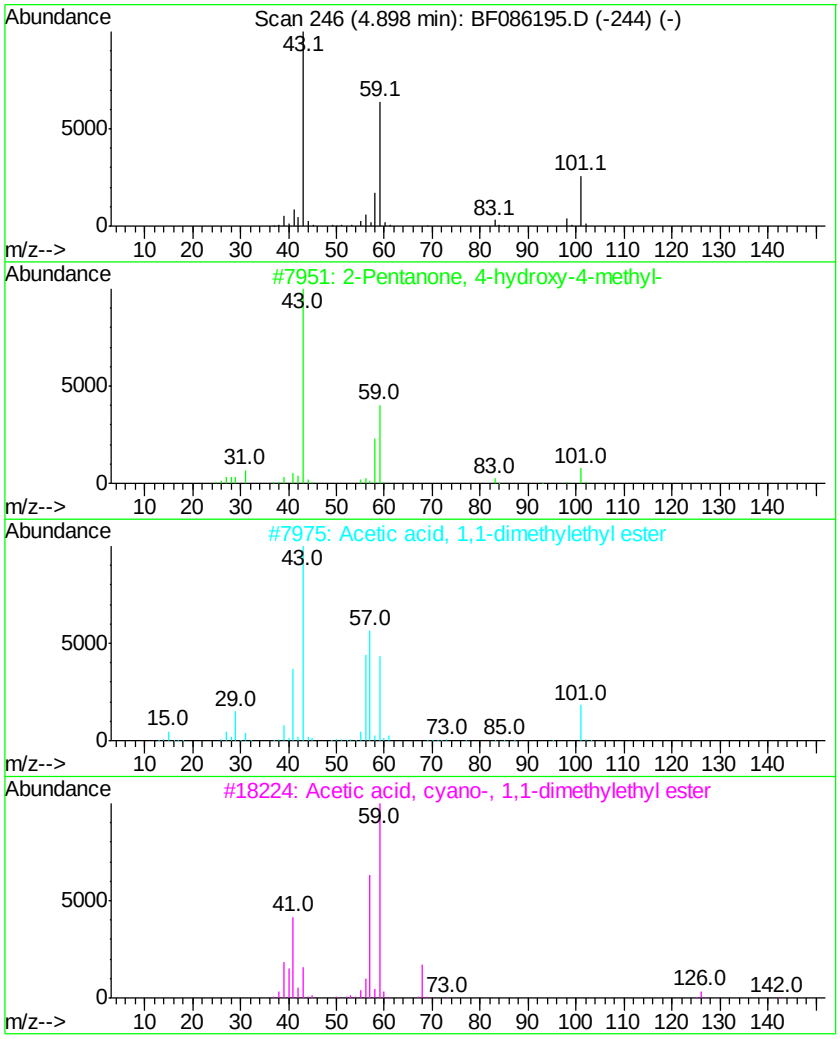
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

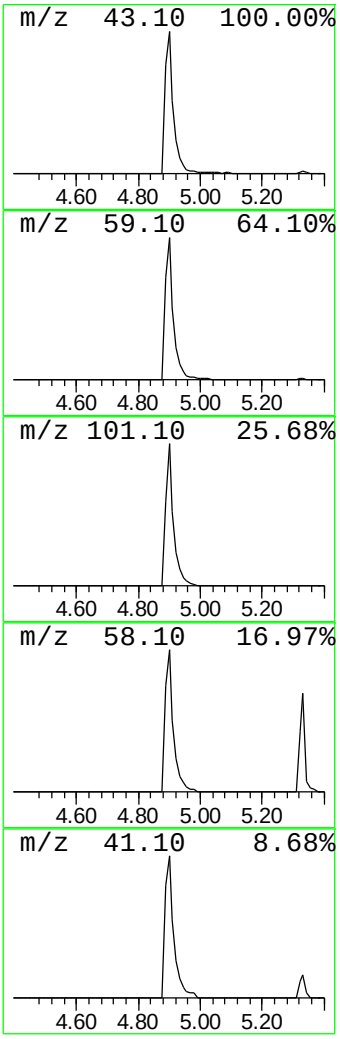
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	16.02 ng	512613	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	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	10
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086195.D
Acq On : 9 Apr 2016 3:53
Operator : UM/SJ
Sample : H2346-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-18(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

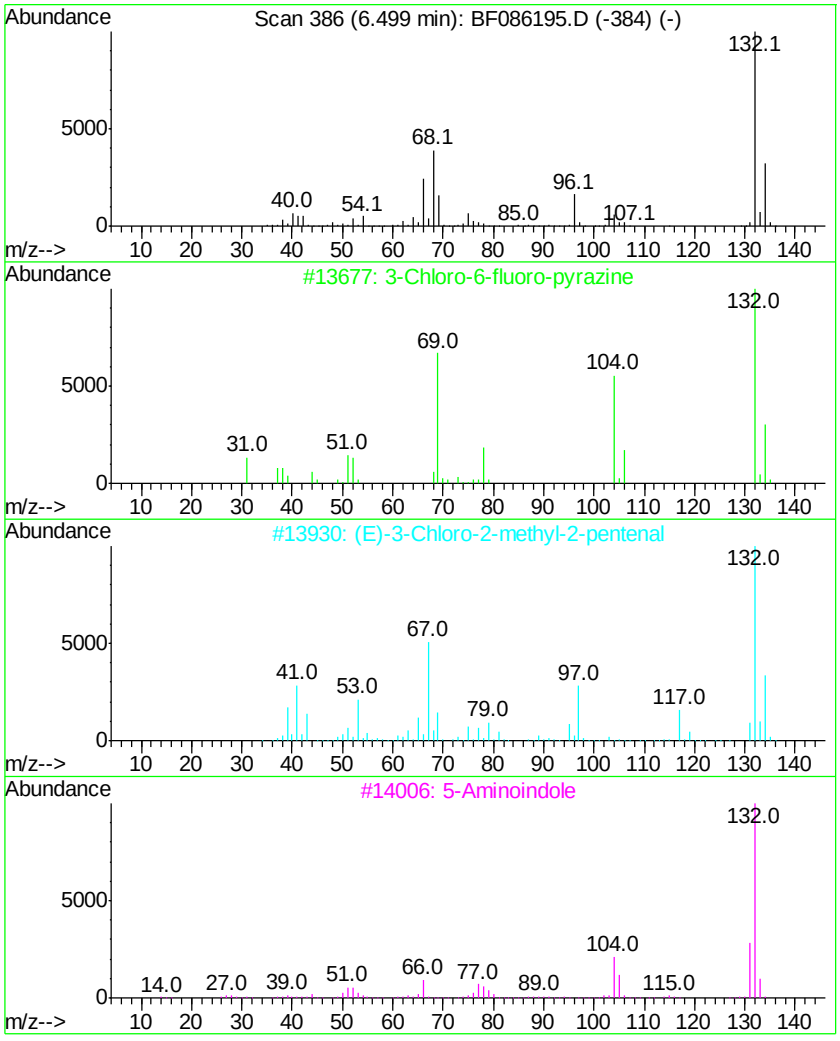
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

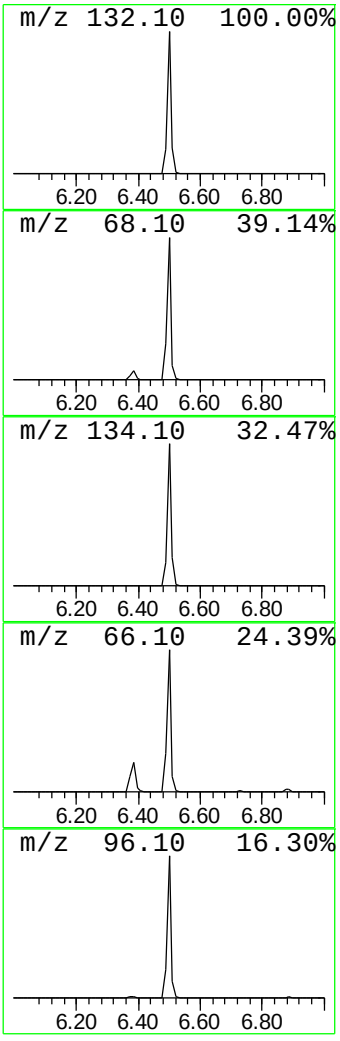
****

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	77.27 ng	2472390	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086195.D
Acq On : 9 Apr 2016 3:53
Operator : UM/SJ
Sample : H2346-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-18(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

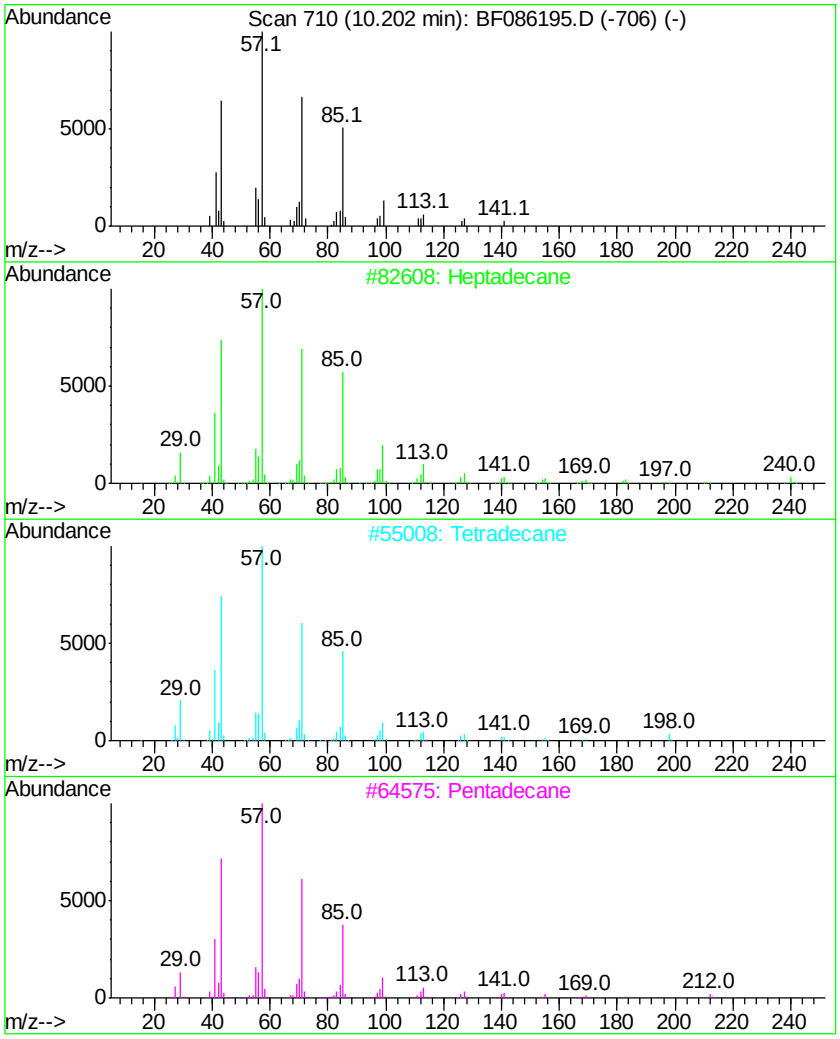
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

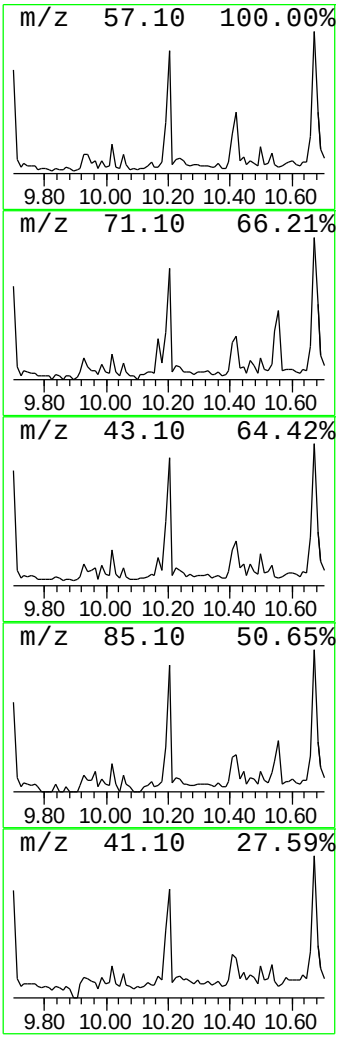
****

Peak Number 4 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.02 ng	78122	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086195.D
Acq On : 9 Apr 2016 3:53
Operator : UM/SJ
Sample : H2346-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-18(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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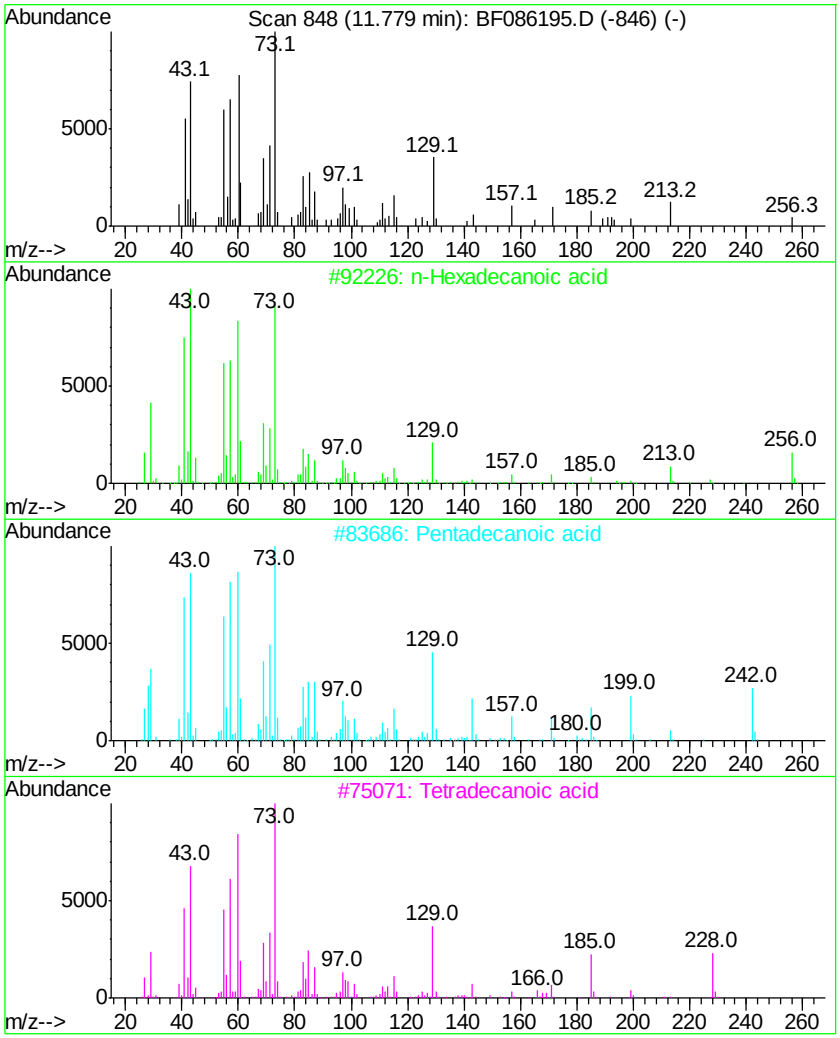
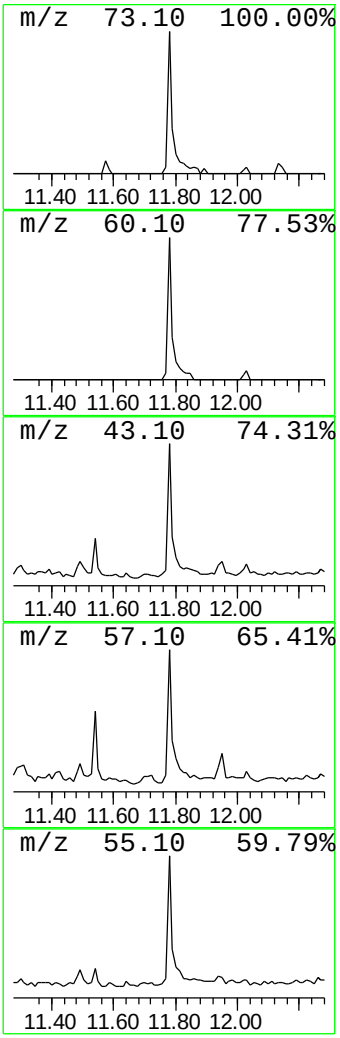
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	3.74 ng	121248	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Dodecane, 1,2-dibromo-	326	C12H24Br2	055334-42-4	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
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Acq On : 9 Apr 2016 3:53
Operator : UM/SJ
Sample : H2346-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-18(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

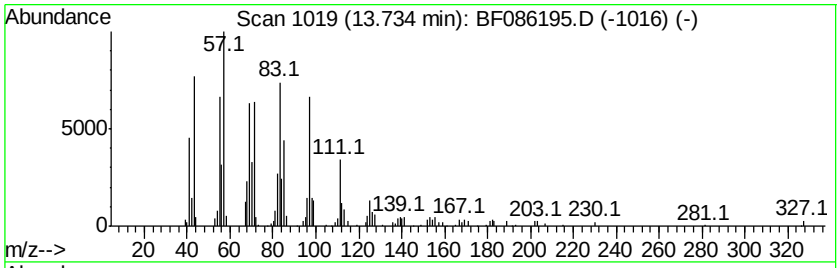
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

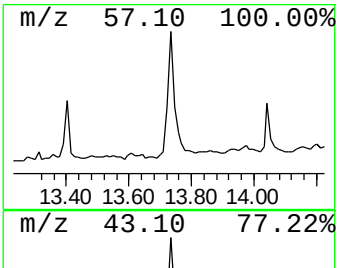
****

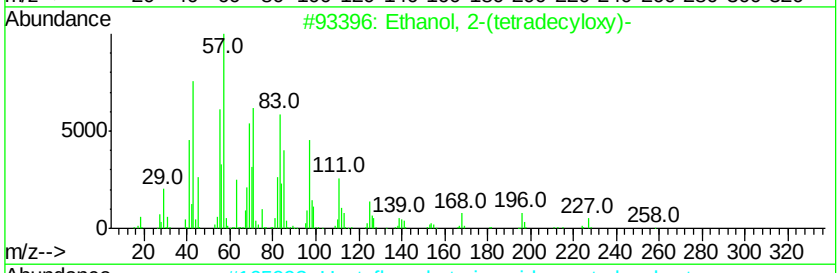
Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

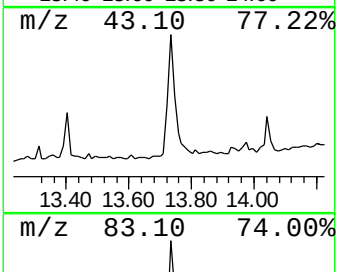
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	7.20 ng	242311	Chrysene-d12	13.88

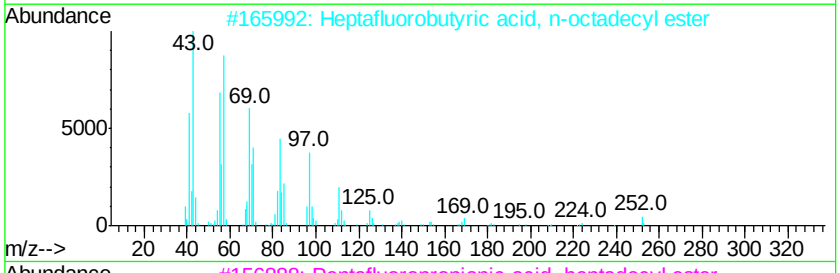
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87

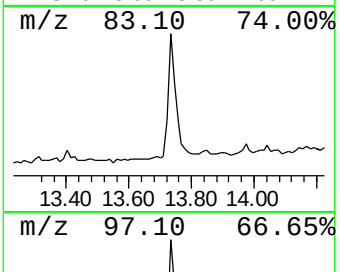


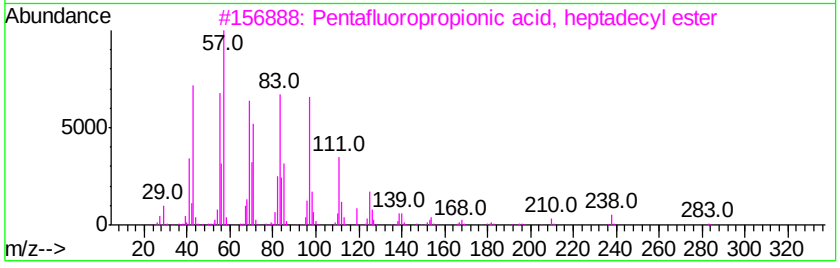


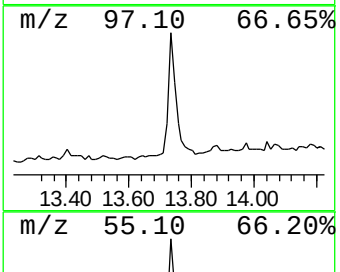


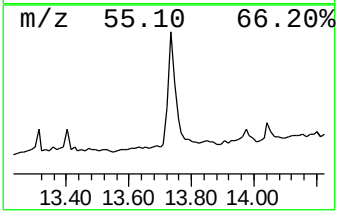












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Misc :
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Instrument : BNA_F
ClientSampleId : AMBOY-SB-18(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

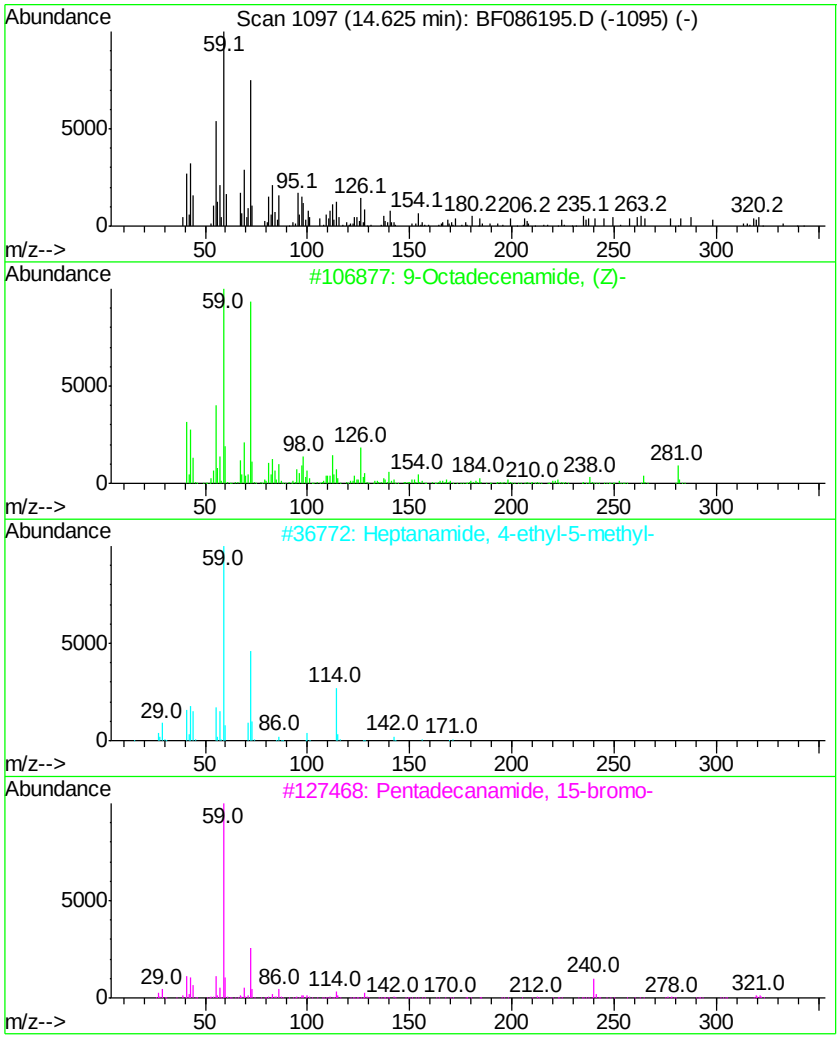
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

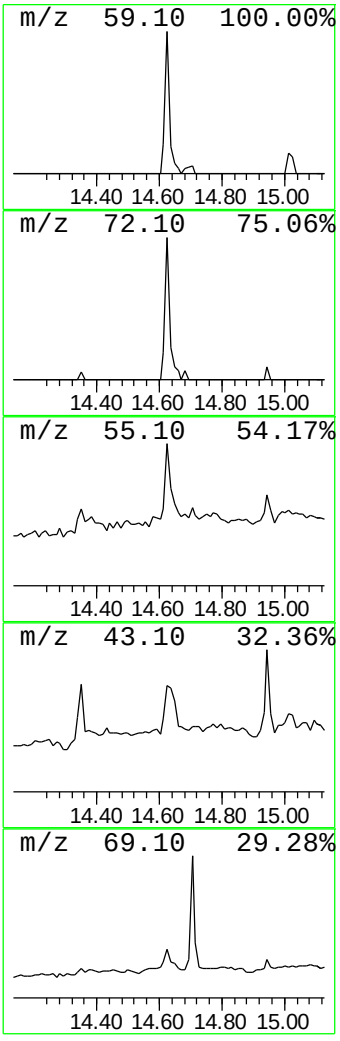
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.90 ng	105504	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
2	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	49
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	47
4	Cyclopentylsilane	100	C5H12Si	080249-74-7	30
5	Dodecanamide	199	C12H25NO	001120-16-7	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086195.D
Acq On : 9 Apr 2016 3:53
Operator : UM/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : AMBOY-SB-18(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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...	4.90	16.0	ng	512613	1	6.73	639950	20.0
unknown6.50	6.50	77.3	ng	2472390	1	6.73	639950	20.0
Heptadecane	10.20	2.0	ng	78122	3	9.77	774722	20.0
n-Hexadecanoic acid	11.78	3.7	ng	121248	4	11.24	648818	20.0
Ethanol, 2-(tetra...	13.73	7.2	ng	242311	5	13.88	673006	20.0
9-Octadecenamide,...	14.63	3.9	ng	105504	6	15.28	541700	20.0