LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089778.D
Acq On : 17 Aug 2016 22:06
Operator : UM/SJ
Sample : H4490-06
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-3

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-BF081616.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	1.667	6	7	16	rVV	1972265	3727488	11.78%	2.188%
2	1.793	16	18	75	rVB	11676916	31645458	100.00%	18.577%
3	4.844	282	285	294	rVB	2969984	4270544	13.49%	2.507%
4	5.279	320	323	326	rBV	9582178	10675159	33.73%	6.267%
5	6.330	412	415	418	rVB	8630665	11162255	35.27%	6.552%
6	6.467	424	427	429	rBV	9990747	12818509	40.51%	7.525%
7	6.696	445	447	449	rBV	4169397	3393380	10.72%	1.992%
8	6.856	458	461	463	rBV	10983640	10165428	32.12%	5.967%
9	7.267	493	497	499	rBV	6235791	8121016	25.66%	4.767%
10	7.382	502	507	509	rBV	410180	671122	2.12%	0.394%
11	7.988	557	560	562	rVB	3359452	4278734	13.52%	2.512%
12	9.062	651	654	657	rBV	11482648	13692144	43.27%	8.038%
13	9.462	686	689	692	rBV	6439085	6164930	19.48%	3.619%
14	9.736	710	713	715	rBV	5448011	5040343	15.93%	2.959%
15	10.182	751	752	754	rVB	256362	325033	1.03%	0.191%
16	10.514	778	781	784	rBV2	6272624	7991684	25.25%	4.691%
17	10.662	792	794	797	rBV	412646	553406	1.75%	0.325%
18	11.211	839	842	844	rVV	5348539	5011159	15.84%	2.942%
19	11.462	862	864	869	rBV	1280737	1837146	5.81%	1.078%
20	11.759	888	890	895	rVV2	612547	685269	2.17%	0.402%
21	12.285	933	936	944	rBV	2643667	4996637	15.79%	2.933%
22	12.799	978	981	984	rBV	11723840	12381378	39.13%	7.268%
23	13.051	1001	1003	1011	rBV2	161050	317201	1.00%	0.186%
24	13.268	1020	1022	1025	rVV	302330	439144	1.39%	0.258%
25	13.737	1061	1063	1070	rBV	456240	983027	3.11%	0.577%
26	13.851	1070	1073	1079	rVB	3694562	5198740	16.43%	3.052%
27	15.280	1195	1198	1200	rBV	2840490	3805139	12.02%	2.234%

Sum of corrected areas: 170351473

LSC Report - Integrated Chromatogram

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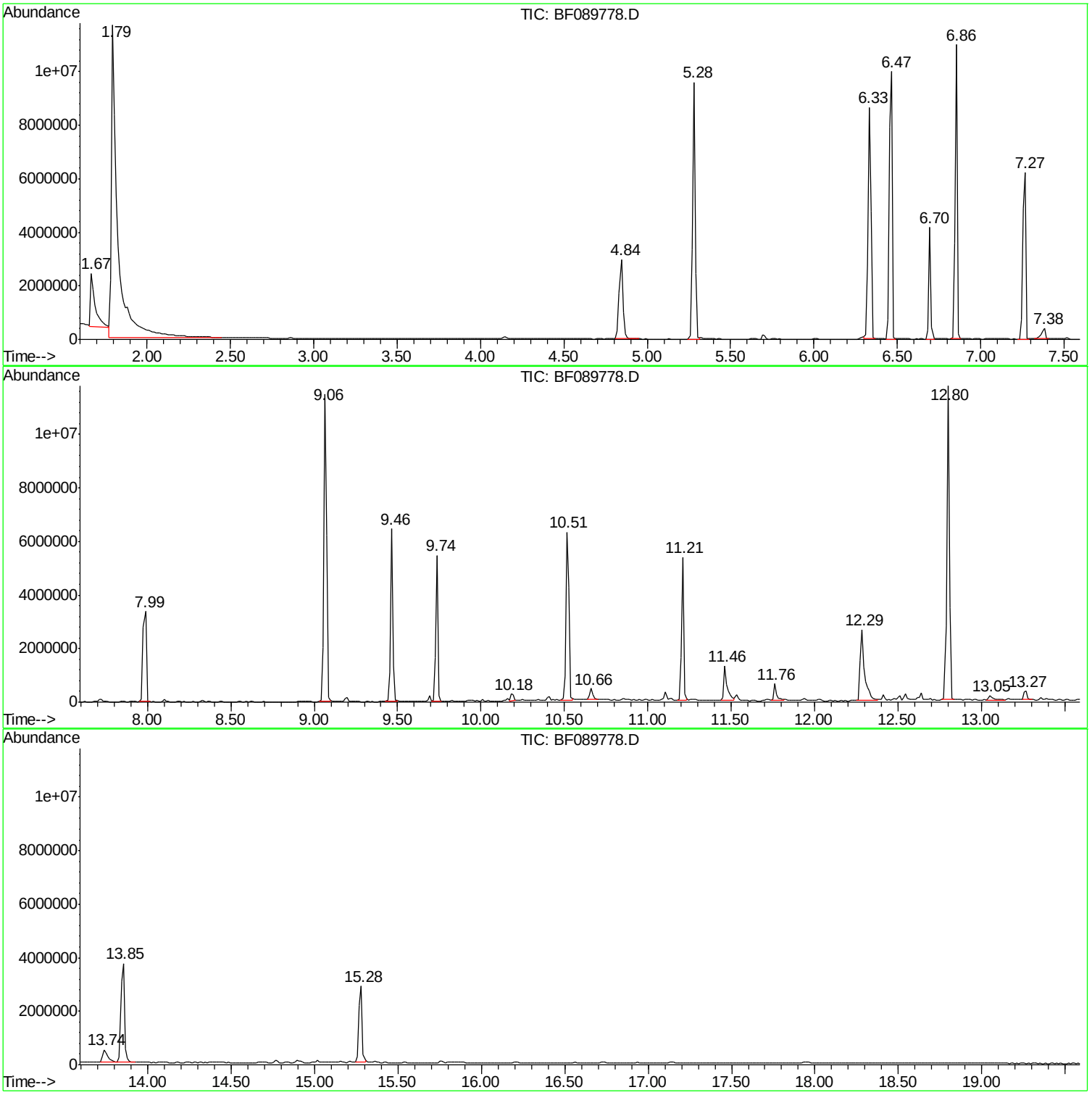
Operator : UM/SJ
Sample : H4490-06
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089778.D
Acq On : 17 Aug 2016 22:06
Operator : UM/SJ
Sample : H4490-06
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

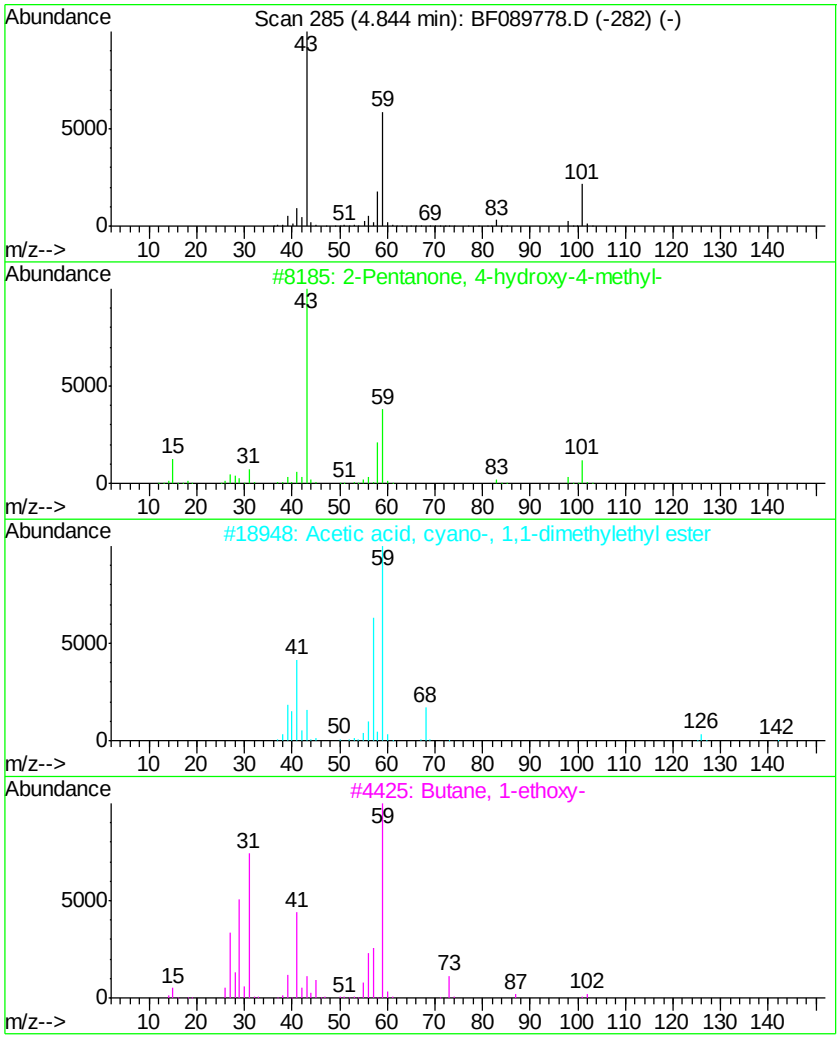
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

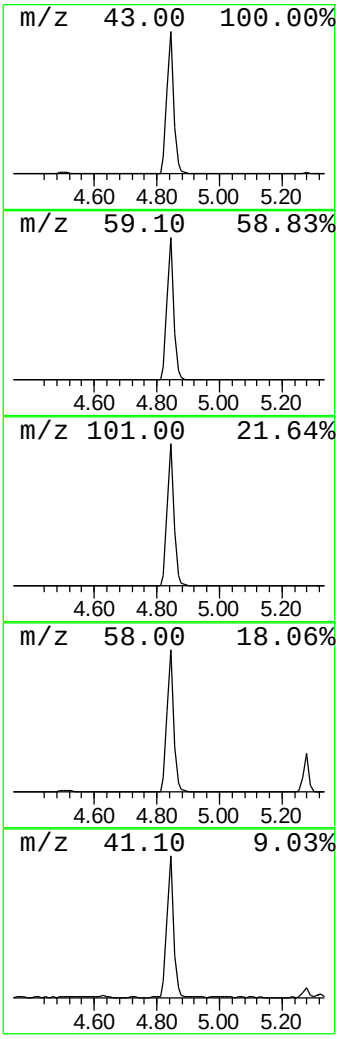
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	25.17 ng	4270540	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF089778.D
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Operator : UM/SJ
Sample : H4490-06
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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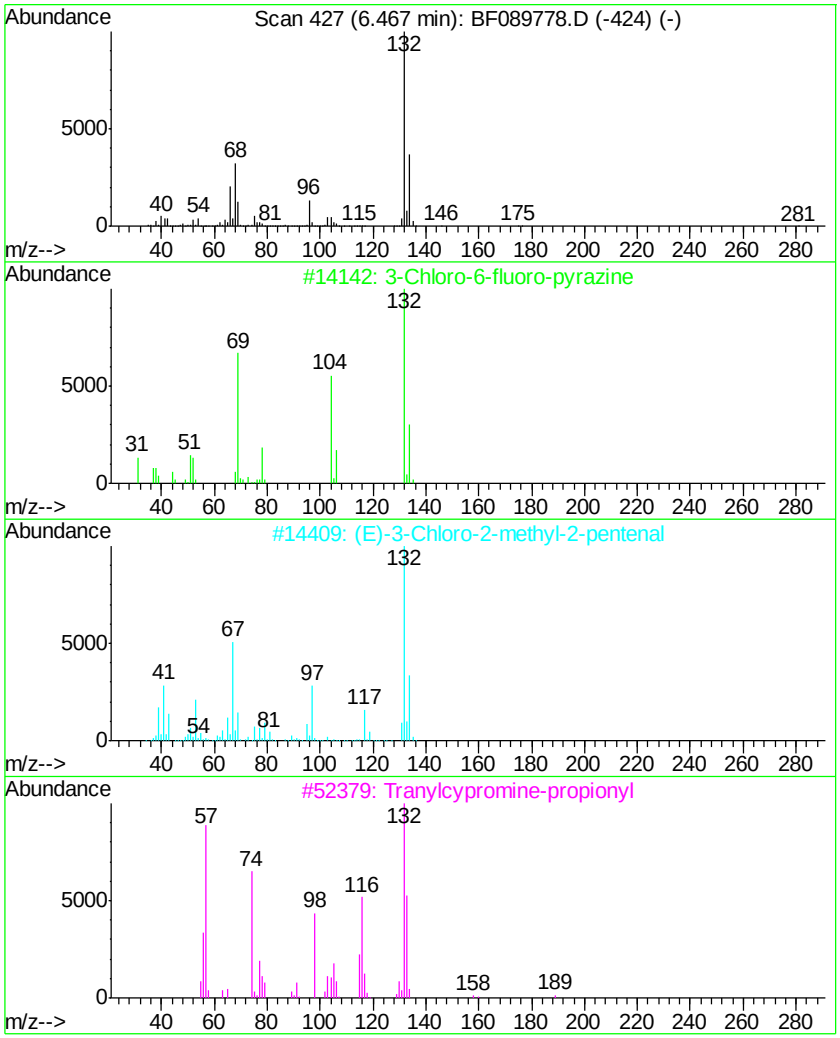
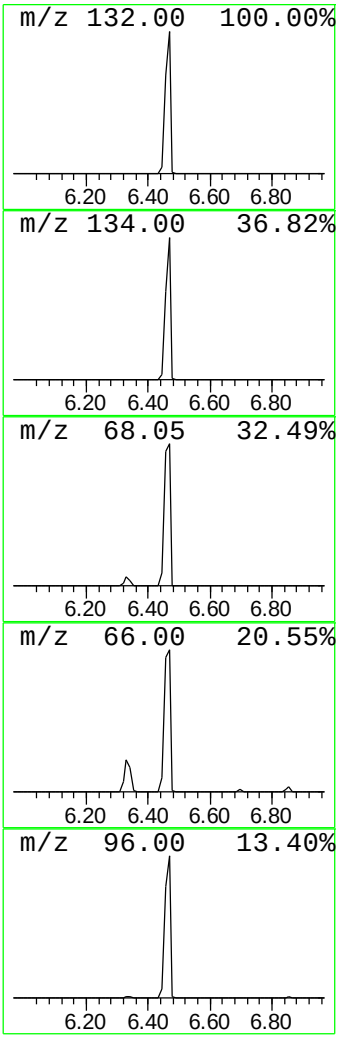
Peak Number 4 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	75.55 ng	12818500	1,4-Dichlorobenzene-d4	6.70

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	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
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Acq On : 17 Aug 2016 22:06
Operator : UM/SJ
Sample : H4490-06
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

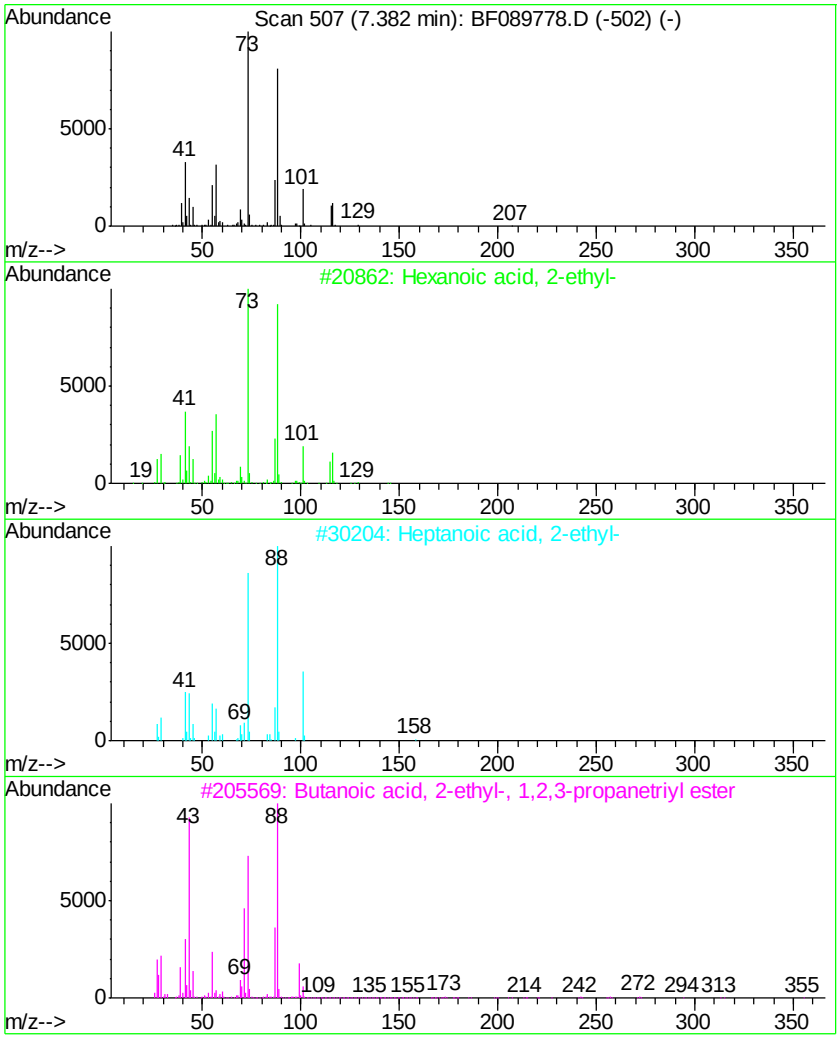
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

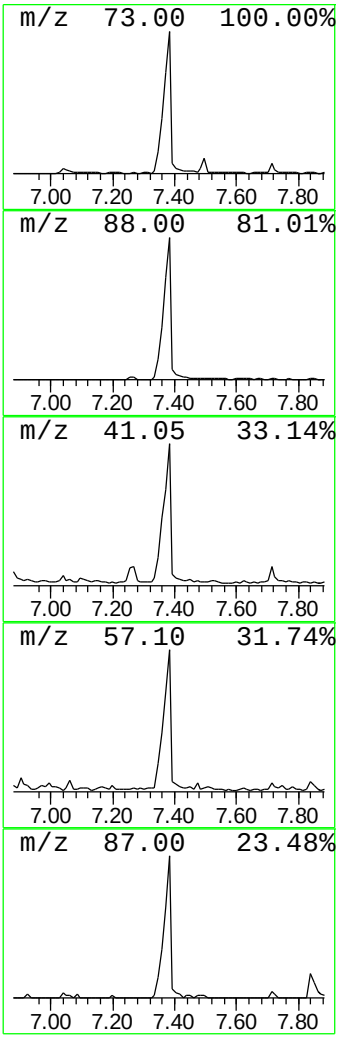
****

Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	3.14 ng	671122	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	40
4	1,4-Dioxane	88	C4H8O2	000123-91-1	37
5	L(-)-Fucose, tetramethyl ether	220	C10H20O5	1000332-75-0	36





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Data File : BF089778.D
Acq On : 17 Aug 2016 22:06
Operator : UM/SJ
Sample : H4490-06
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

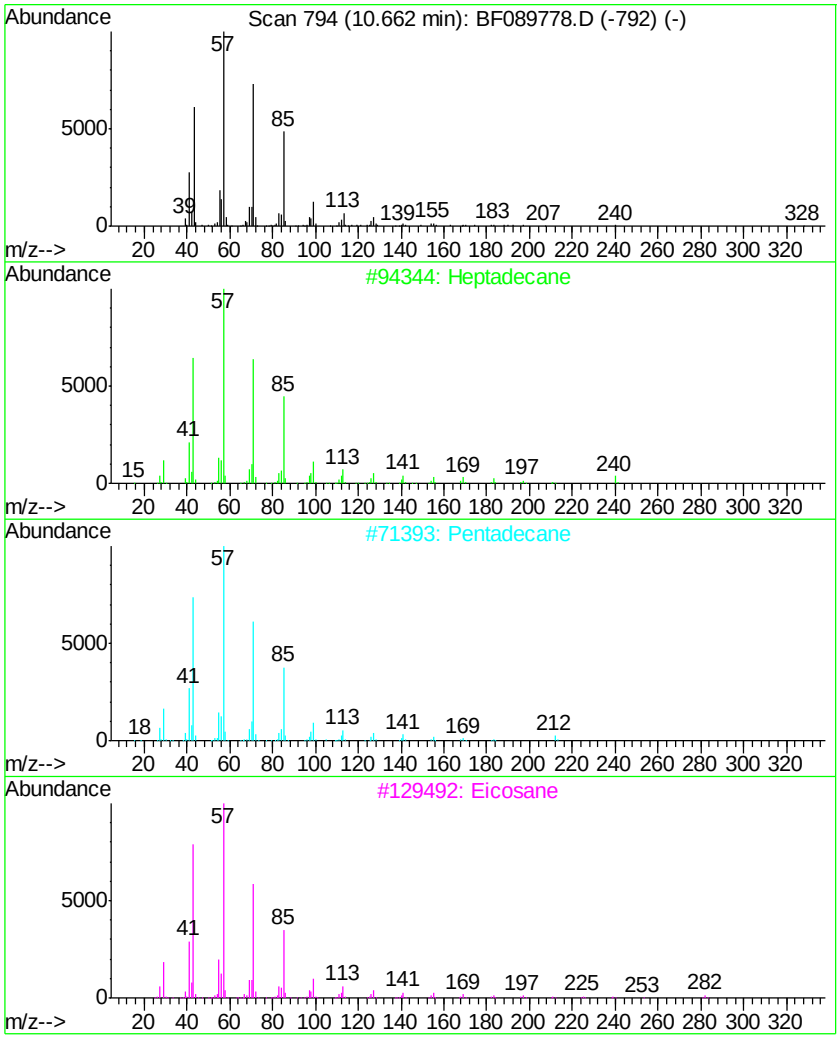
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

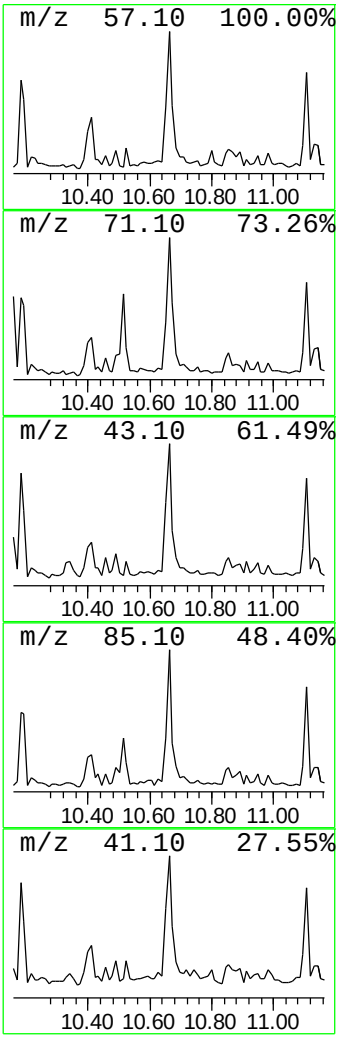
****

Peak Number 7 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.21 ng	553406	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Data File : BF089778.D
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Operator : UM/SJ
Sample : H4490-06
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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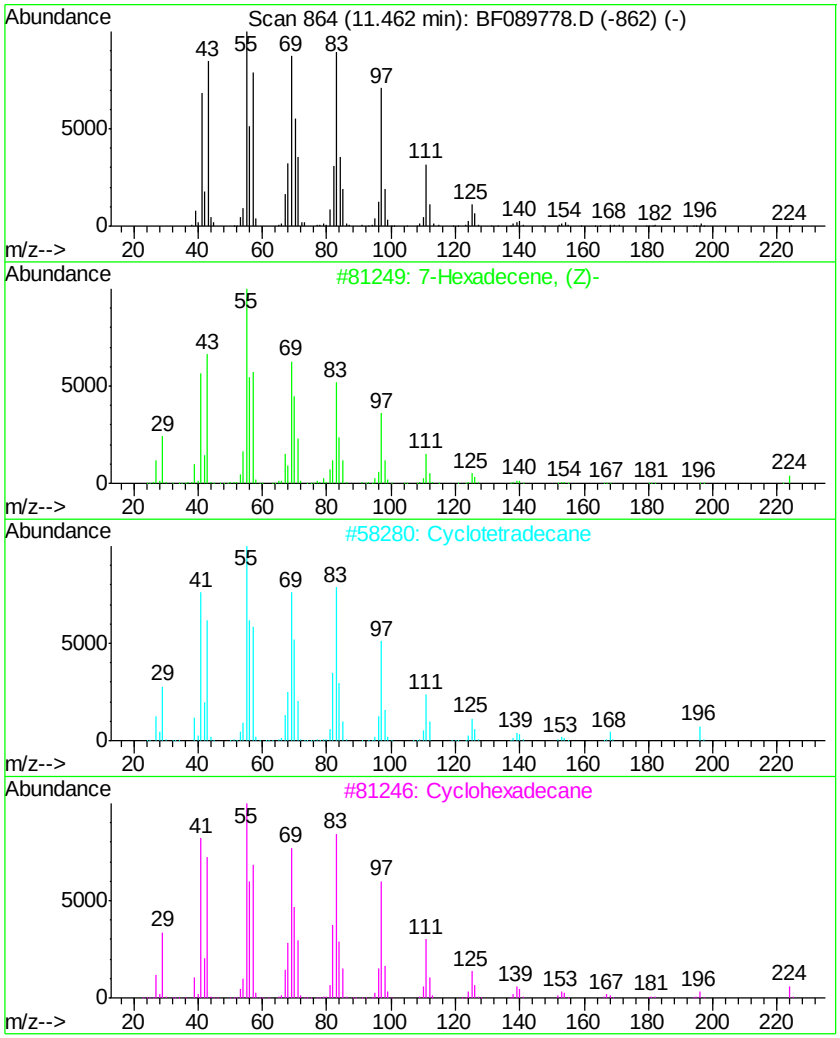
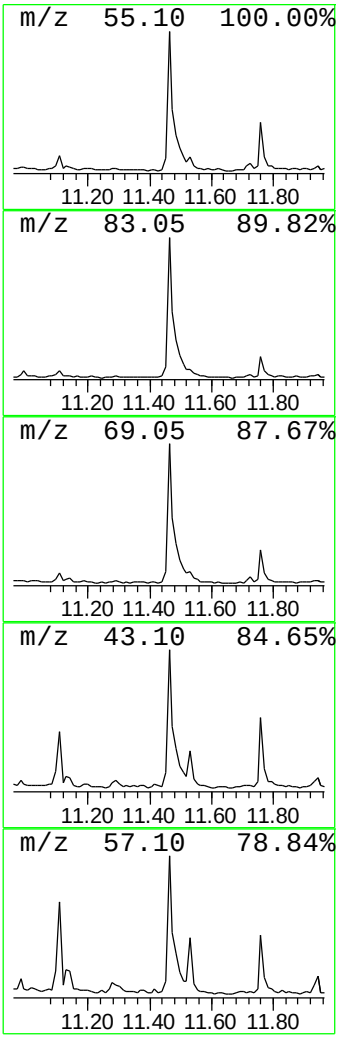
Peak Number 8 7-Hexadecene, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	7.33 ng	1837150	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	98
2	Cyclotetradecane	196	C14H28	000295-17-0	94
3	Cyclohexadecane	224	C16H32	000295-65-8	91
4	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	91
5	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91





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Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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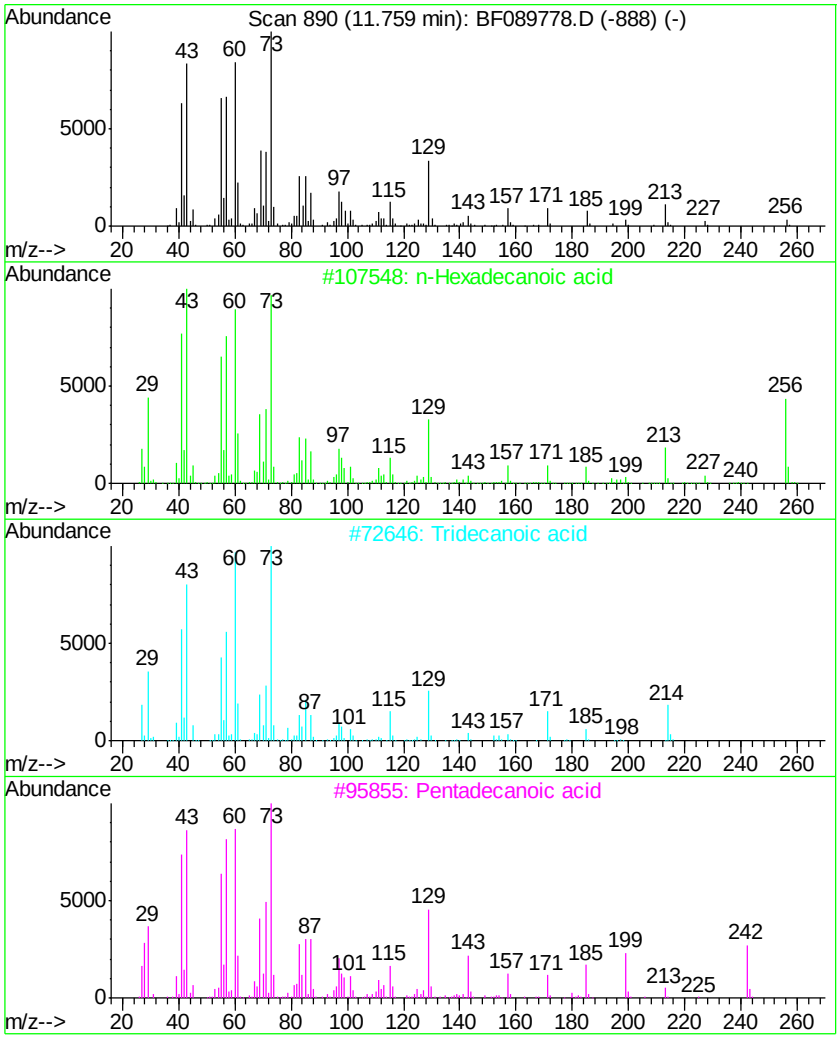
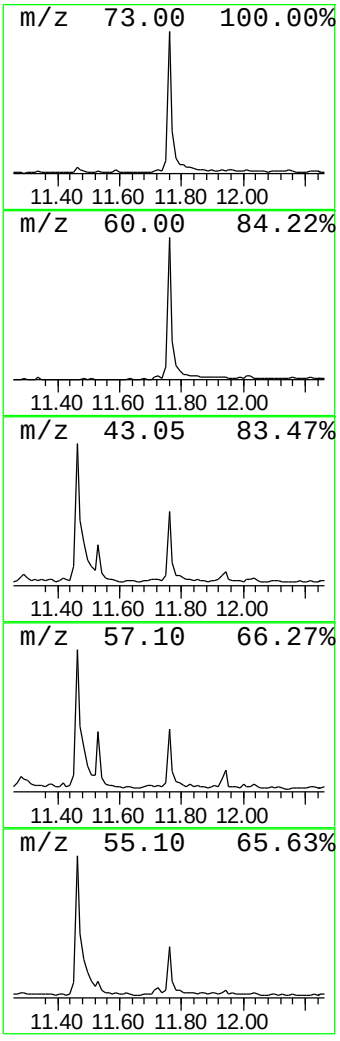
Peak Number 9 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.73 ng	685269	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	N-Acetylisoxazolidine	115	C5H9NO2	115615-36-6	30





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Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

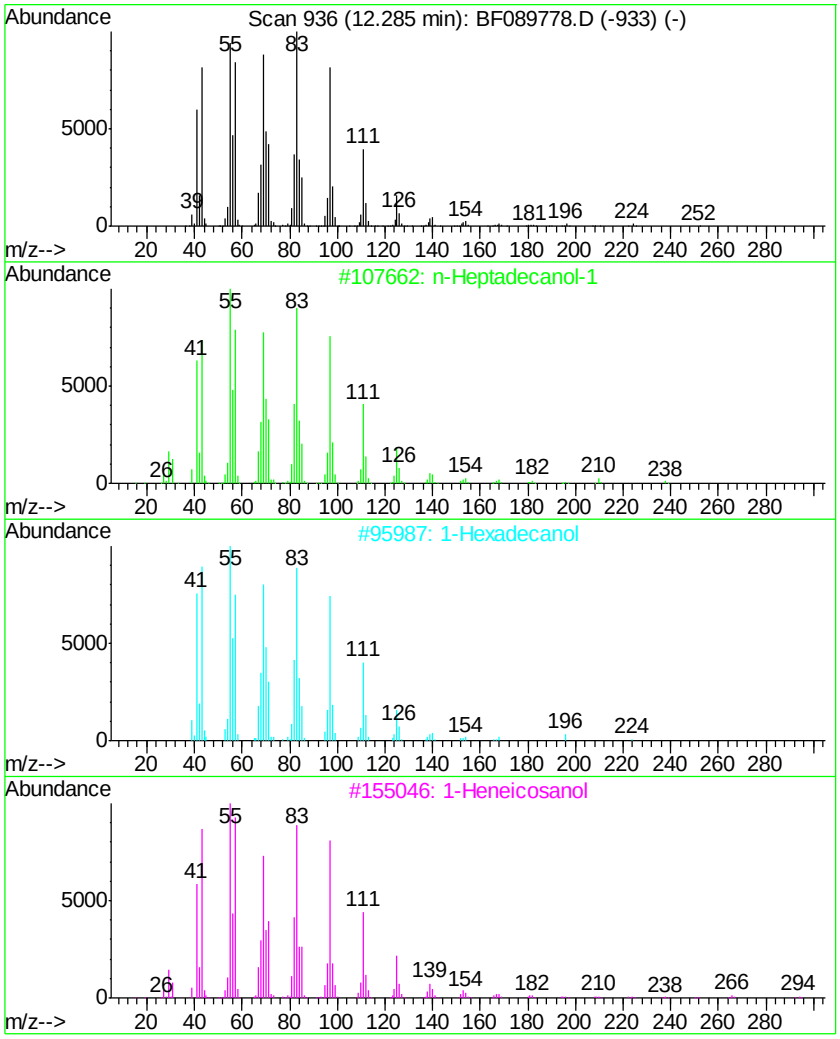
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

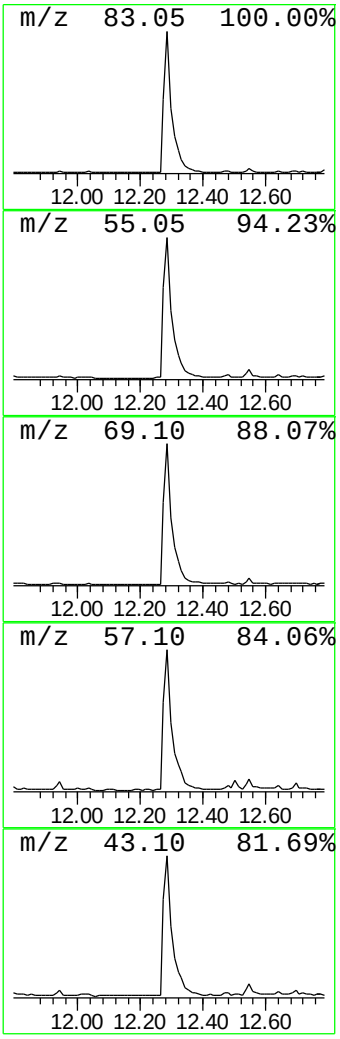
****

Peak Number 10 n-Heptadecanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	19.94 ng	4996640	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
2	1-Hexadecanol	242	C16H34O	036653-82-4	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

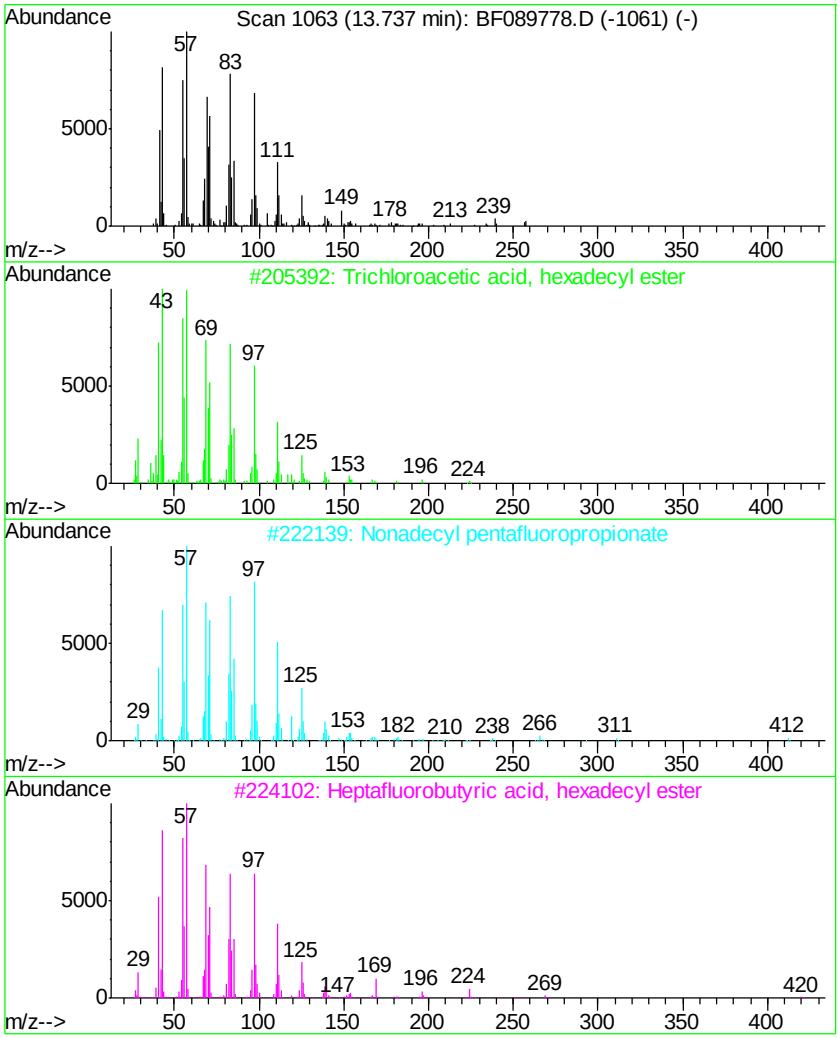
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

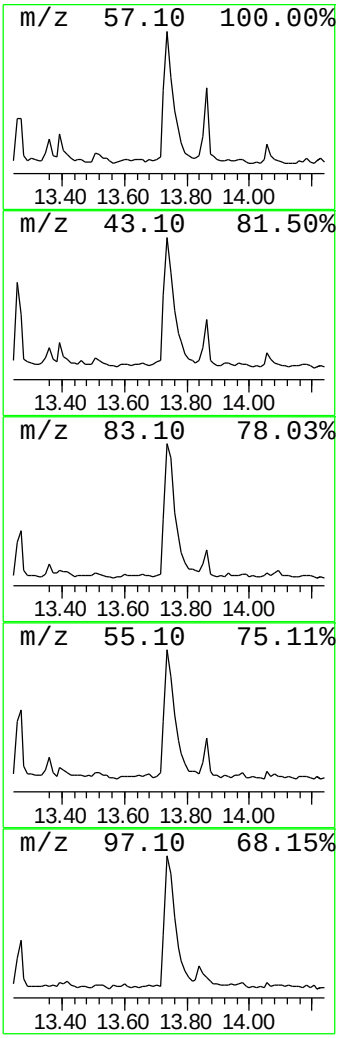
****

Peak Number 11 Trichloroacetic acid, hexad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.78 ng	983027	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.84	25.2	ng	4270540	1	6.70	3393380	20.0
unknown6.47	6.47	75.5	ng	12818500	1	6.70	3393380	20.0
Hexanoic acid, 2-...	7.38	3.1	ng	671122	2	7.99	4278730	20.0
Heptadecane	10.66	2.2	ng	553406	4	11.21	5011160	20.0
7-Hexadecene, (Z)-	11.46	7.3	ng	1837150	4	11.21	5011160	20.0
n-Hexadecanoic acid	11.76	2.7	ng	685269	4	11.21	5011160	20.0
n-Heptadecanol-1	12.29	19.9	ng	4996640	4	11.21	5011160	20.0
Trichloroacetic a...	13.74	3.8	ng	983027	5	13.85	5198740	20.0