LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086989.D
Acq On : 14 May 2016 00:17
Operator : UM/SJ
Sample : H2877-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

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-BF050916.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	1.736	11	13	61	rVB	4179486	8966659	100.00%	19.731%
2	5.199	314	316	333	rBV	1914570	2229457	24.86%	4.906%
3	6.273	408	410	417	rBV	1308281	1426464	15.91%	3.139%
4	6.387	417	420	422	rBV	2958021	3930407	43.83%	8.649%
5	6.605	437	439	442	rBV	752575	992702	11.07%	2.184%
6	6.765	451	453	456	rBV	3418076	3332842	37.17%	7.334%
7	7.188	487	490	492	rBV	3267697	3412098	38.05%	7.508%
8	7.896	550	552	555	rBV	1370612	1308282	14.59%	2.879%
9	8.982	644	647	649	rBV	5188689	5273155	58.81%	11.603%
10	9.645	703	705	708	rBV	1569700	1443086	16.09%	3.175%
11	10.434	771	774	777	rBV2	2807987	3347517	37.33%	7.366%
12	11.119	832	834	837	rBV	1350640	1415964	15.79%	3.116%
13	11.668	880	882	887	rBV2	92591	182753	2.04%	0.402%
14	12.457	949	951	953	rBV	153597	187157	2.09%	0.412%
15	12.502	953	955	957	rVV	93314	134631	1.50%	0.296%
16	12.548	957	959	961	rVB	325536	355221	3.96%	0.782%
17	12.617	964	965	968	rVB	139453	140533	1.57%	0.309%
18	12.708	970	973	976	rBV	3737358	4286144	47.80%	9.432%
19	13.245	1018	1020	1022	rBV	319221	282606	3.15%	0.622%
20	13.497	1041	1042	1050	rVB2	66210	136333	1.52%	0.300%
21	13.622	1050	1053	1056	rBV	101666	132014	1.47%	0.290%
22	13.748	1062	1064	1067	rBV	1368421	1279531	14.27%	2.816%
23	13.931	1078	1080	1086	rVB	133090	137027	1.53%	0.302%
24	14.240	1105	1107	1109	rBV	109291	115101	1.28%	0.253%
25	14.525	1130	1132	1134	rBV	80823	95260	1.06%	0.210%
26	15.108	1180	1183	1185	rBV	781454	901586	10.05%	1.984%

Sum of corrected areas: 45444530

LSC Report - Integrated Chromatogram

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Data File : BF086989.D
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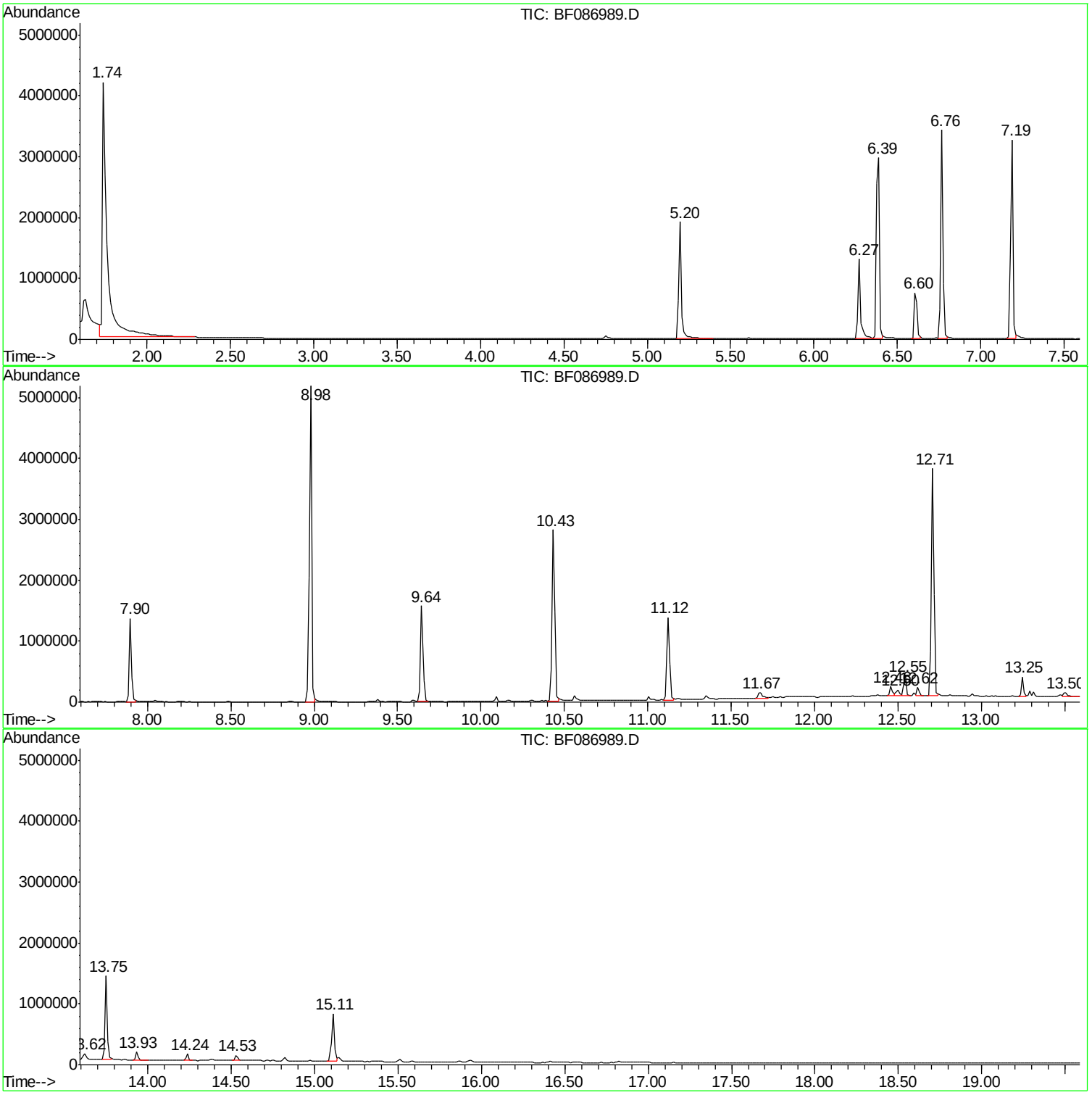
Operator : UM/SJ
Sample : H2877-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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Operator : UM/SJ
Sample : H2877-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
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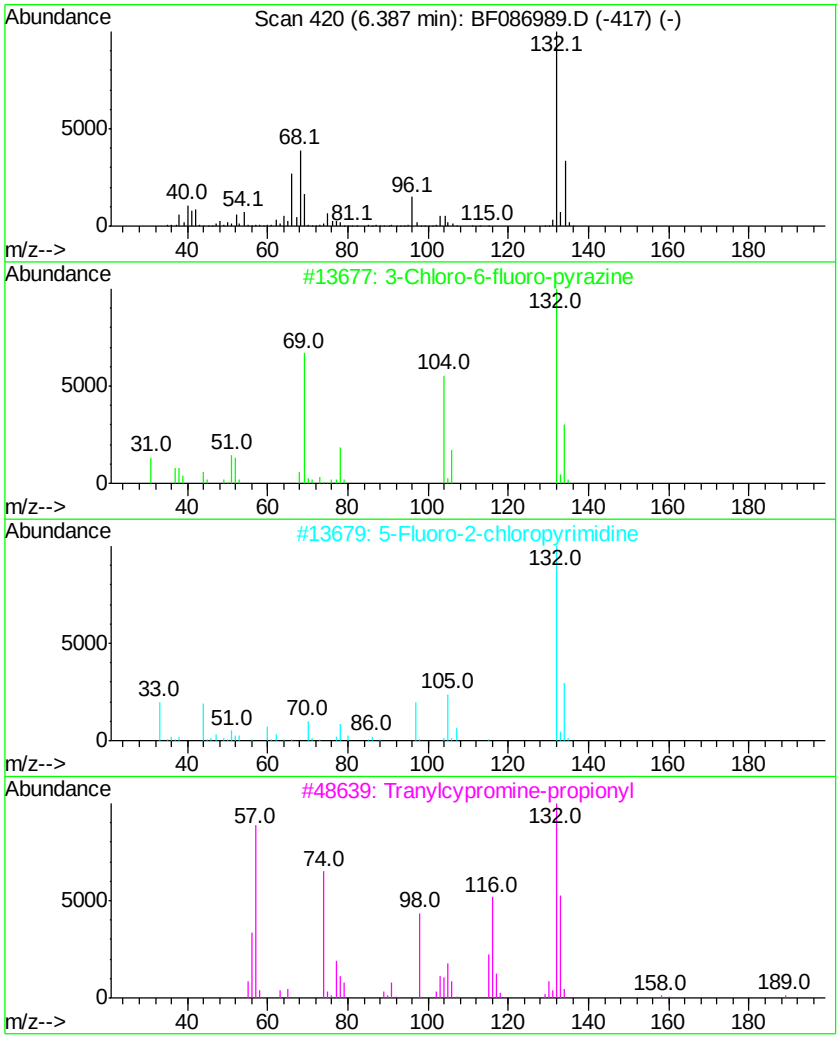
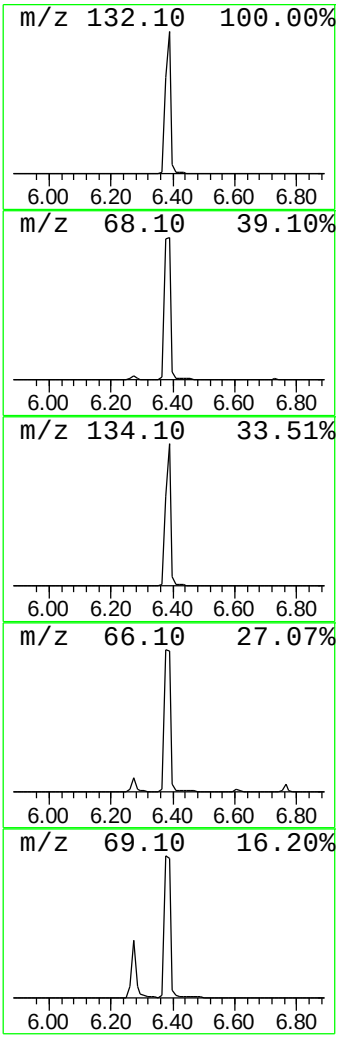
****

Peak Number 2 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	79.19 ng	3930410	1,4-Dichlorobenzene-d4	6.62

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Operator : UM/SJ
Sample : H2877-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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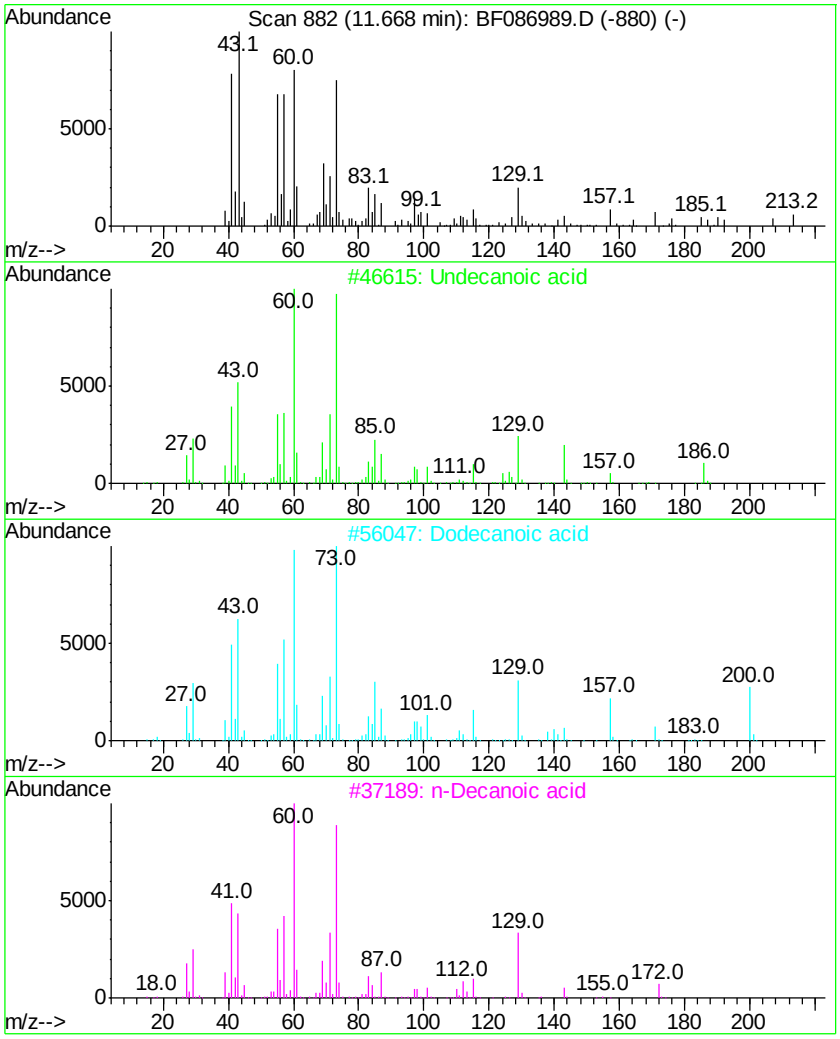
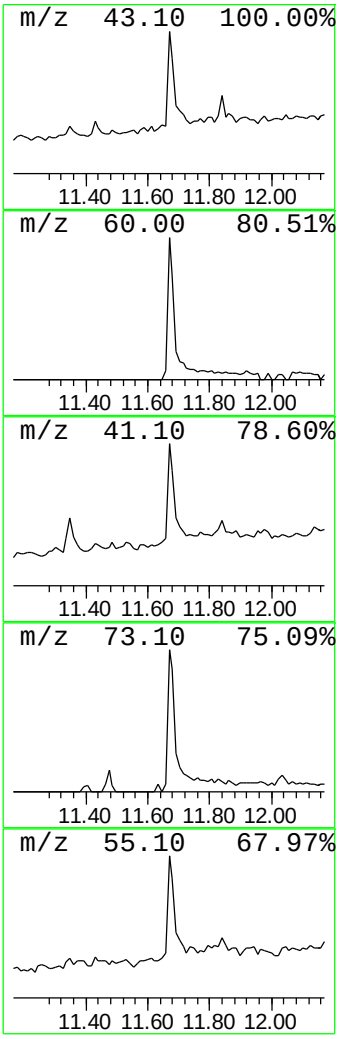
Peak Number 4 Undecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	2.58 ng	182753	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	72
2	Dodecanoic acid	200	C12H24O2	000143-07-7	59
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	.alpha.-L-Galactopyranoside, met...	178	C7H14O5	014687-15-1	47
5	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	43





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Operator : UM/SJ
Sample : H2877-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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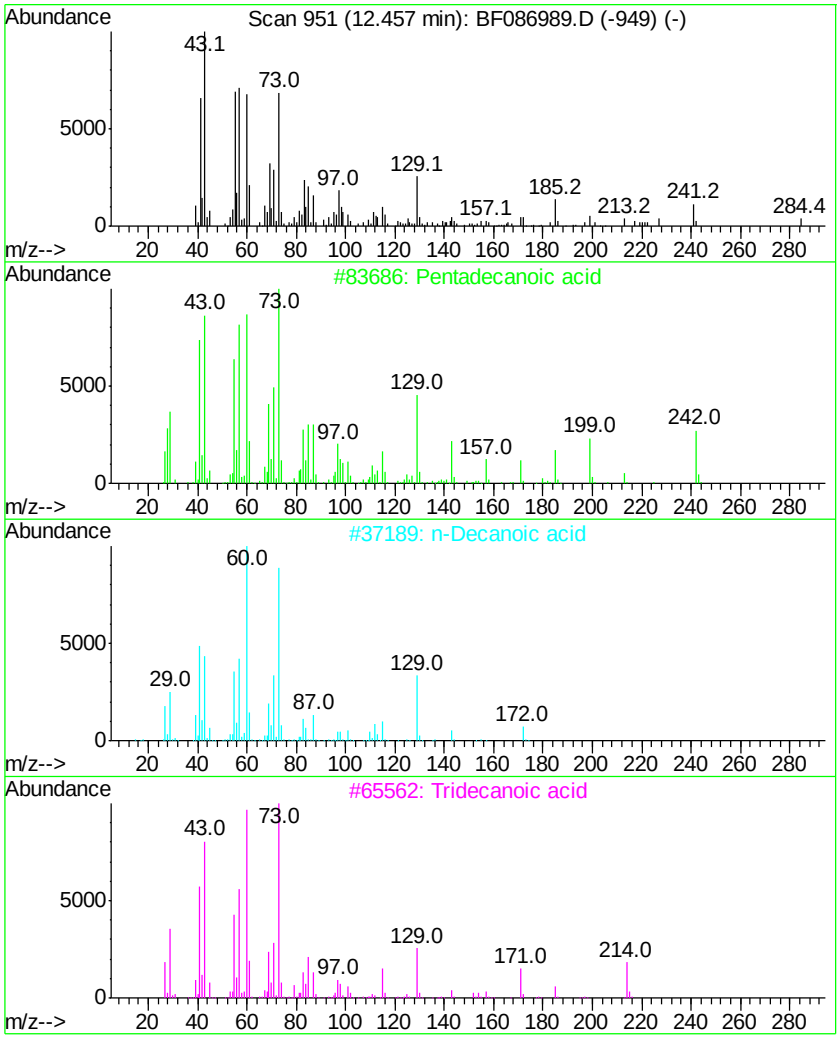
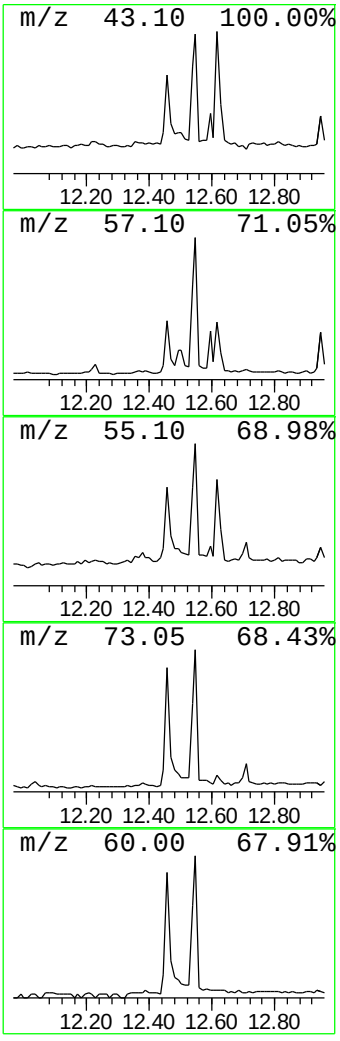
Peak Number 5 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.93 ng	187157	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
2	n-Decanoic acid	172	C10H20O2	000334-48-5	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	59
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52





Library Search Compound Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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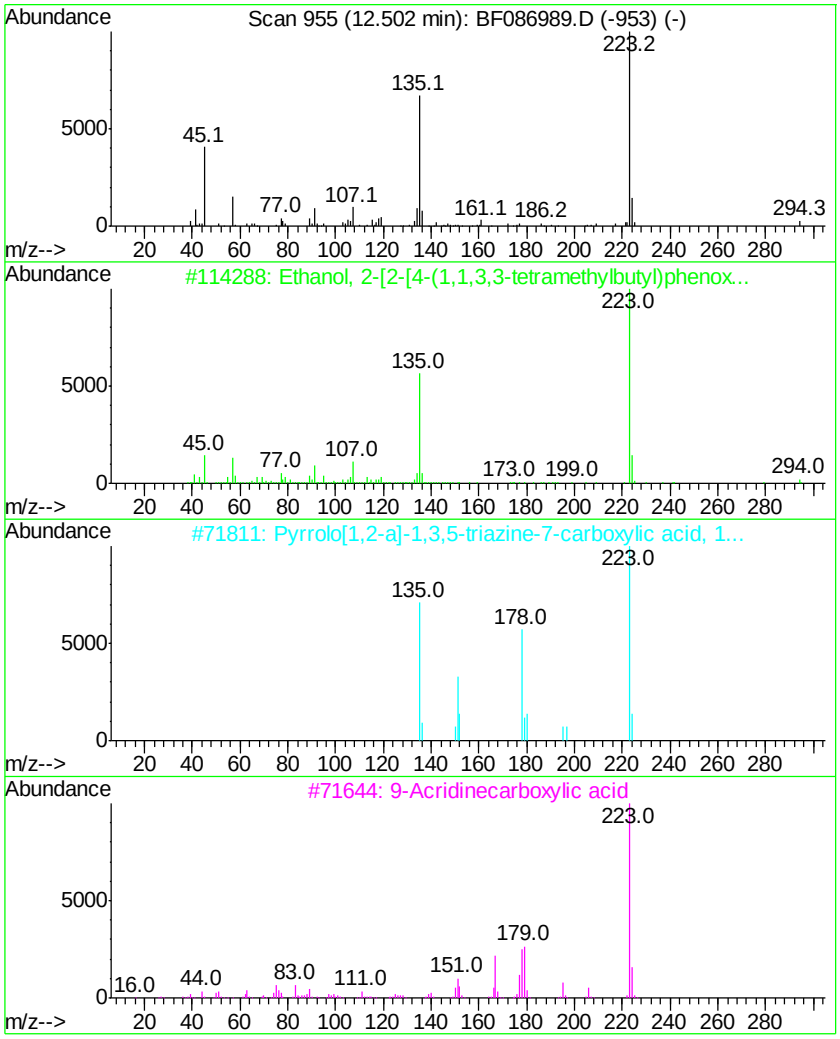
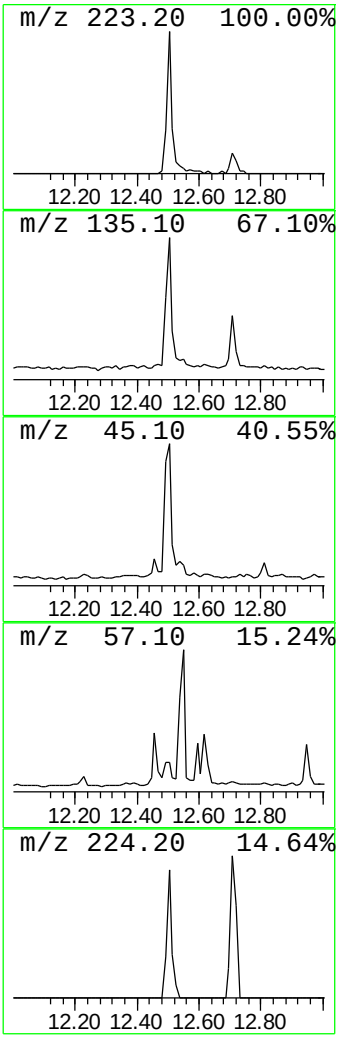
****

Peak Number 6 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.10 ng	134631	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	93
2	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	86
3	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	35
4	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	14
5	Benzenamine, 2,4,6-trimethyl-	135	C9H13N	000088-05-1	11





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Operator : UM/SJ
Sample : H2877-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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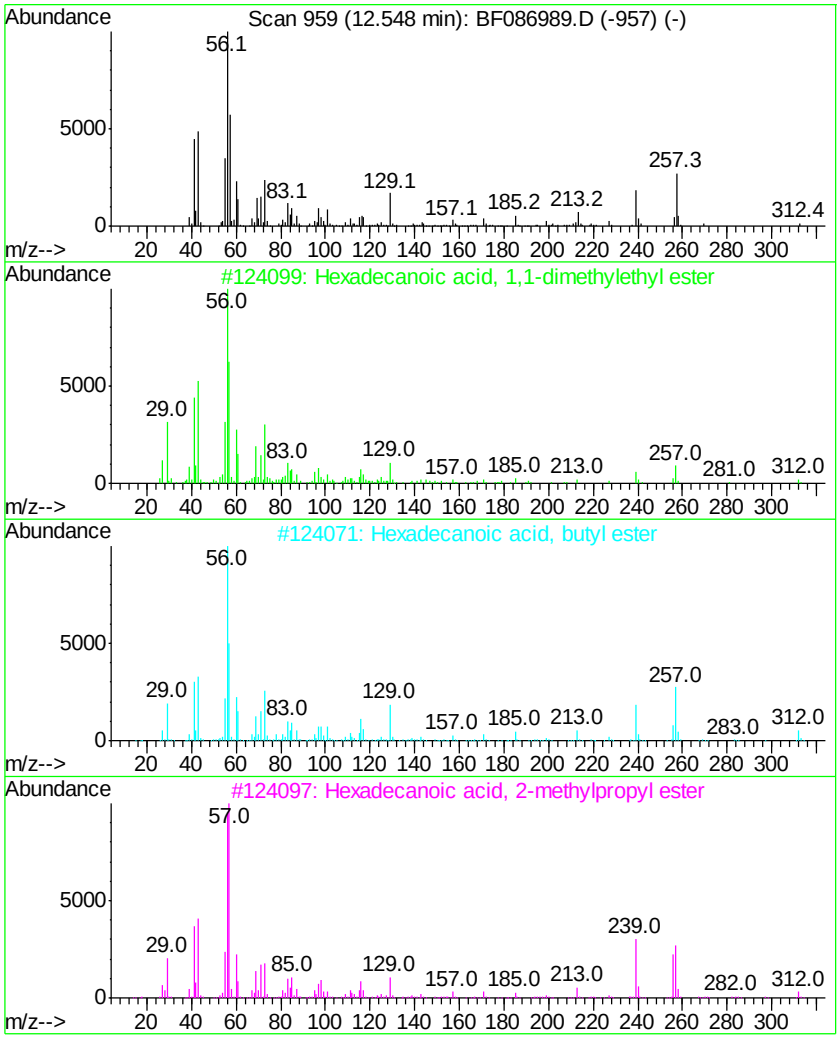
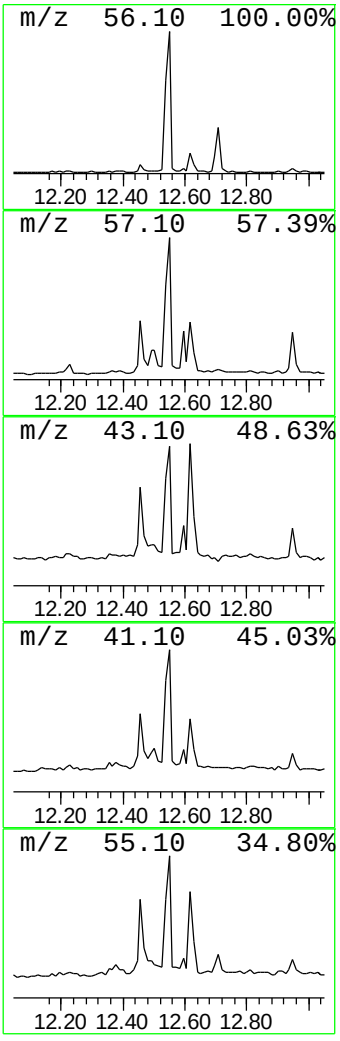
Peak Number 7 Hexadecanoic acid, 1,1-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	5.55 ng	355221	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	70
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35





Library Search Compound Report

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Instrument :
BNA_F
ClientSampleId :
MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
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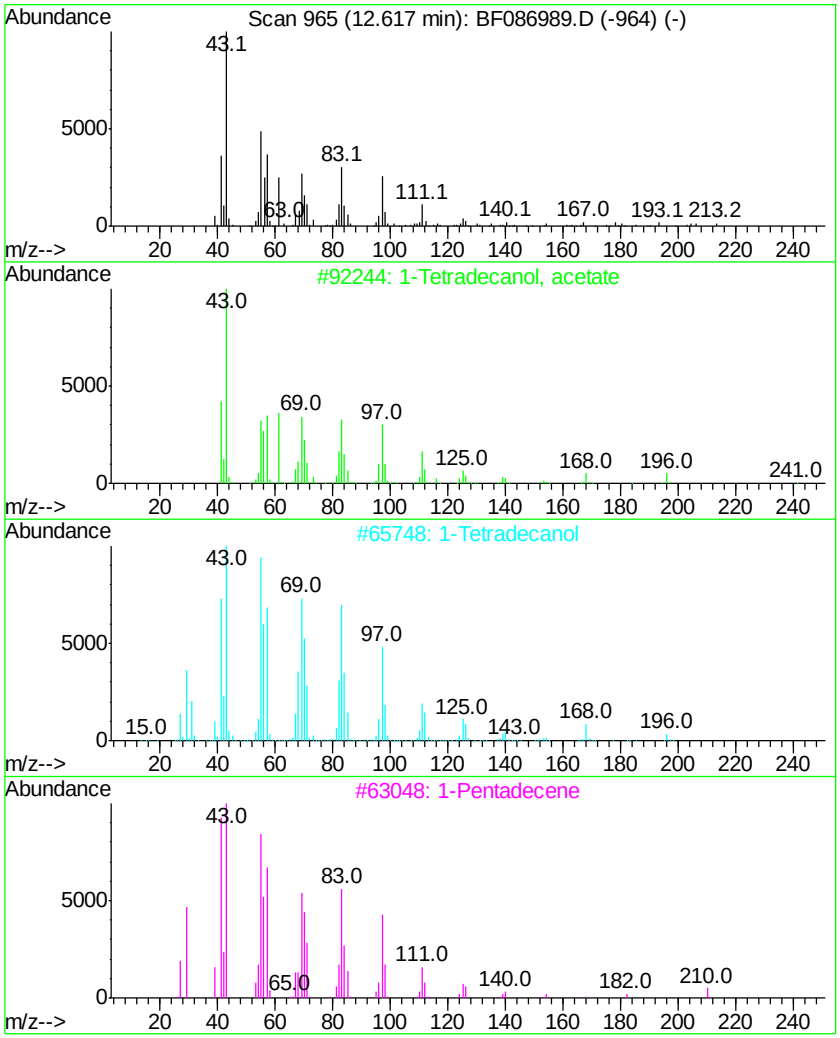
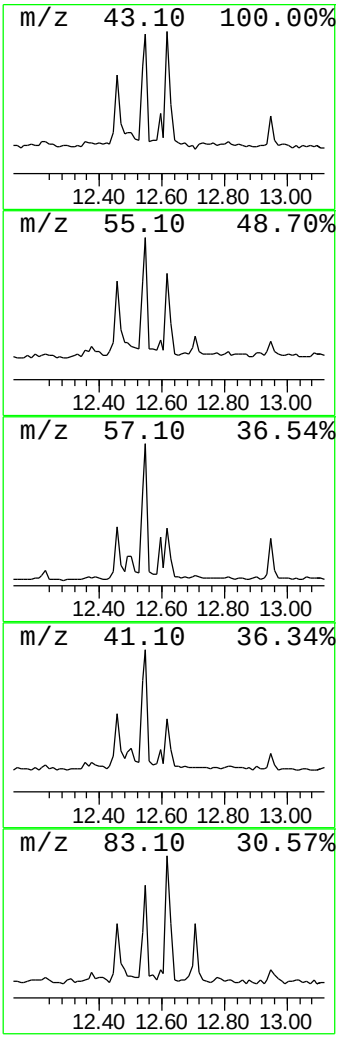
Peak Number 8 1-Tetradecanol, acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	2.20 ng	140533	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecanol, acetate	256	C16H32O2	000638-59-5	80
2	1-Tetradecanol	214	C14H30O	000112-72-1	53
3	1-Pentadecene	210	C15H30	013360-61-7	53
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	49
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	47





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

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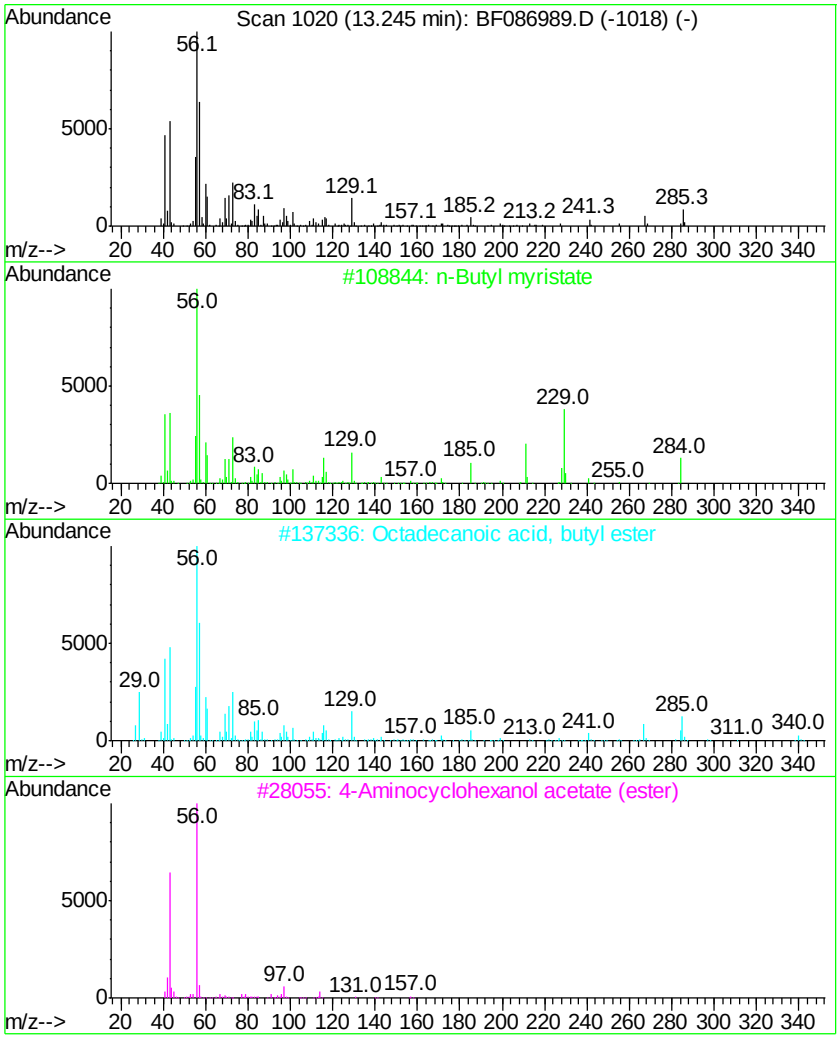
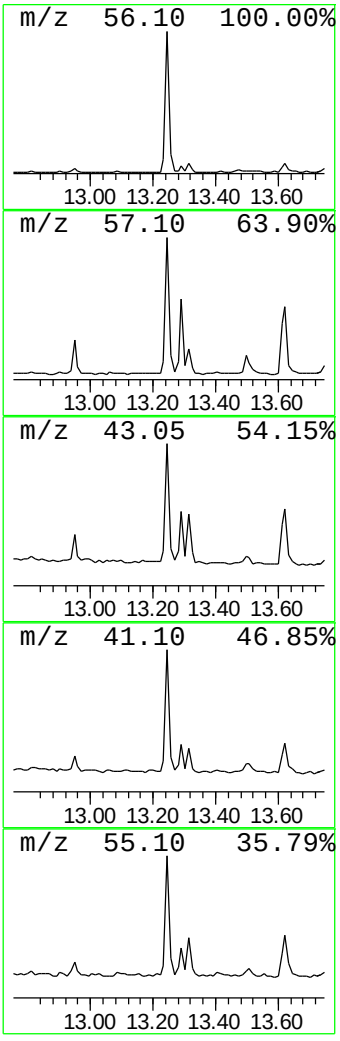
Peak Number 9 n-Butyl myristate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	4.42 ng	282606	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl myristate	284	C18H36O2	000110-36-1	86
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	53
3	4-Aminocyclohexanol acetate (ester)	157	C8H15NO2	1000130-62-8	43
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	43
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43





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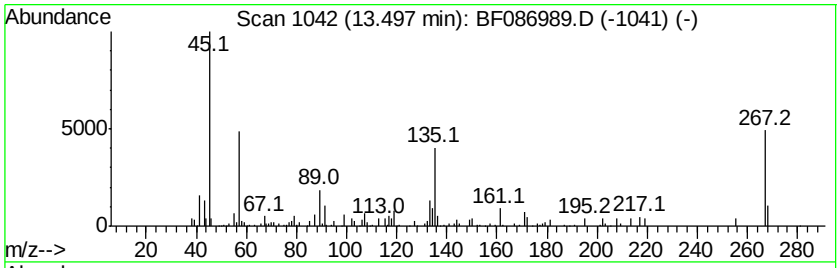
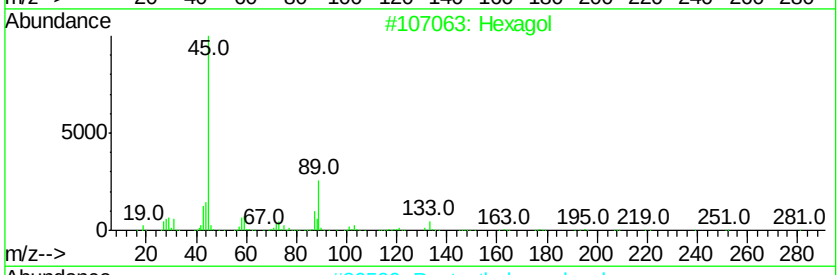
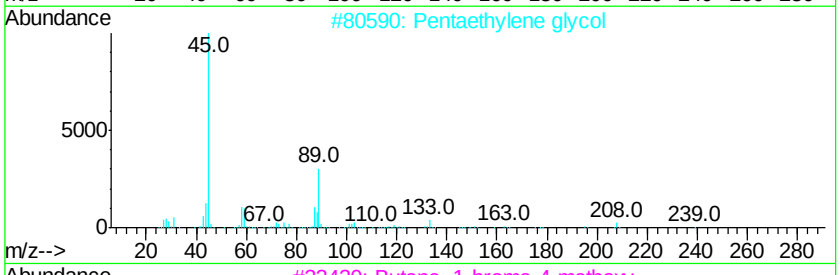
Peak Number 10 unknown13.50 Concentration Rank 10

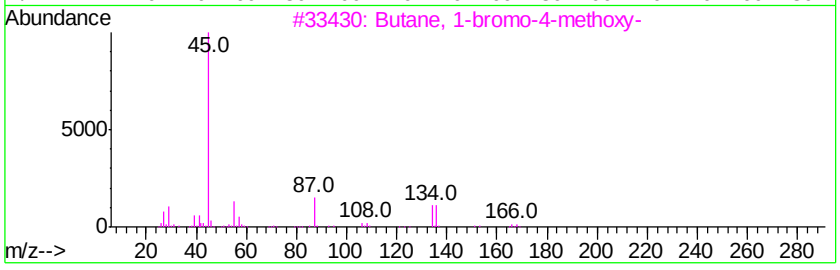
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.13 ng	136333	Chrysene-d12	13.75

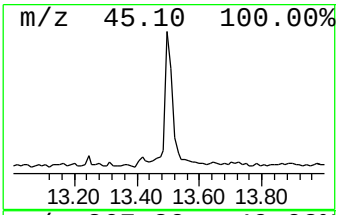
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexagol	282	C12H26O7	002615-15-8	25
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	16
3	Butane, 1-bromo-4-methoxy-	166	C5H11BrO	004457-67-4	16
4	Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	16
5	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	16

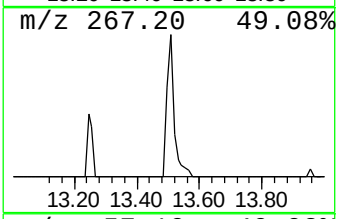


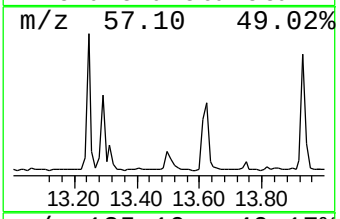


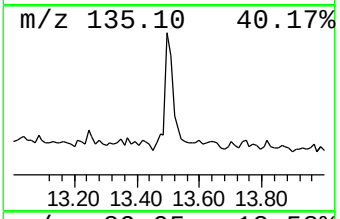


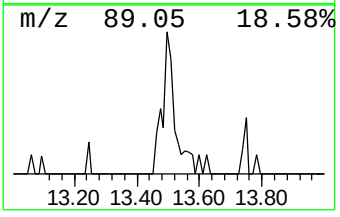












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Misc :
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Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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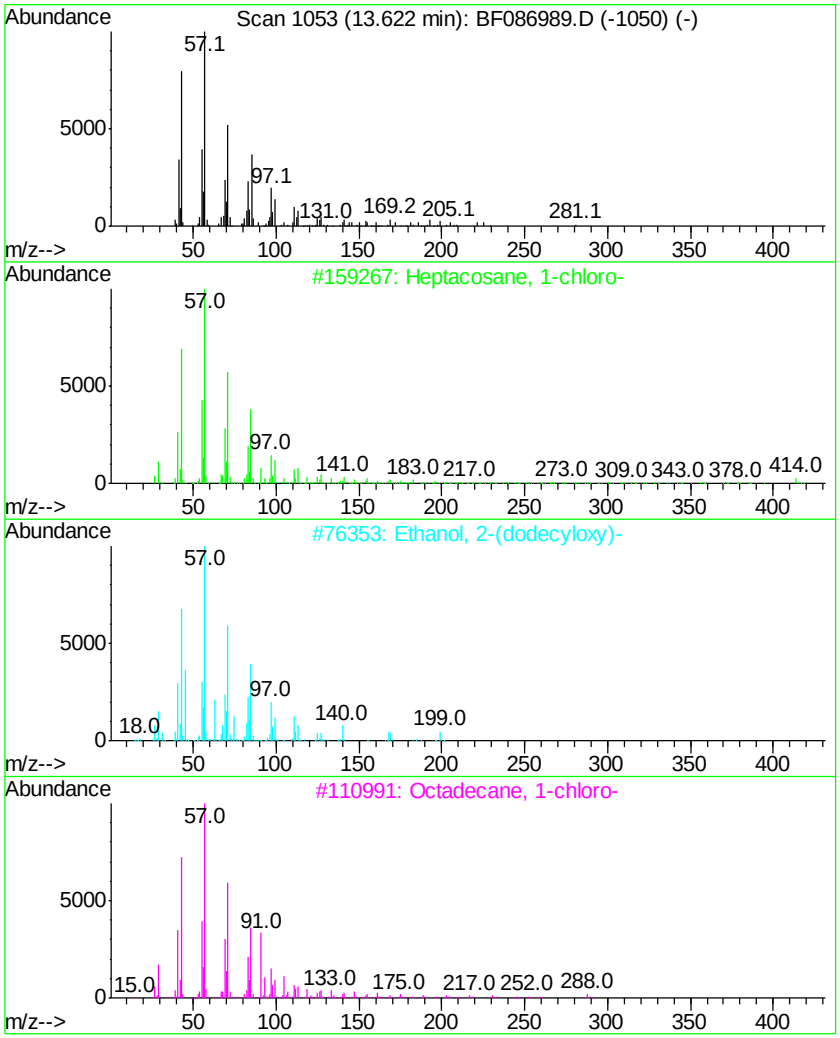
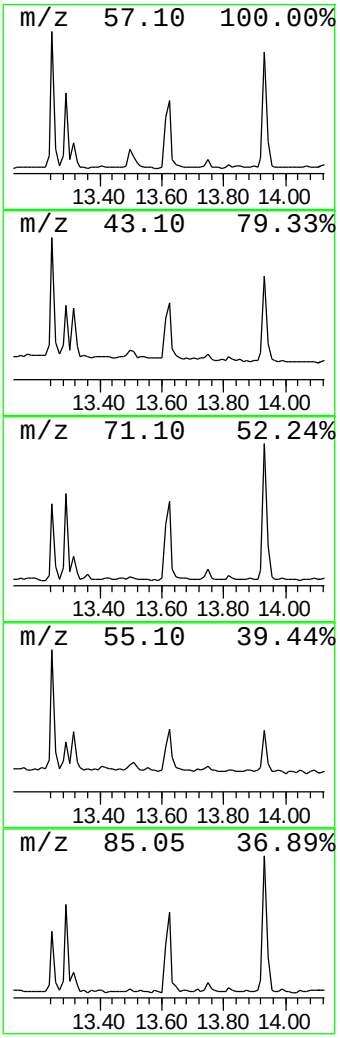
Peak Number 11 Heptacosane, 1-chloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.06 ng	132014	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
2	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	90
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
4	Tritetracontane	605	C43H88	007098-21-7	83
5	Tetratetracontane	619	C44H90	007098-22-8	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086989.D
Acq On : 14 May 2016 00:17
Operator : UM/SJ
Sample : H2877-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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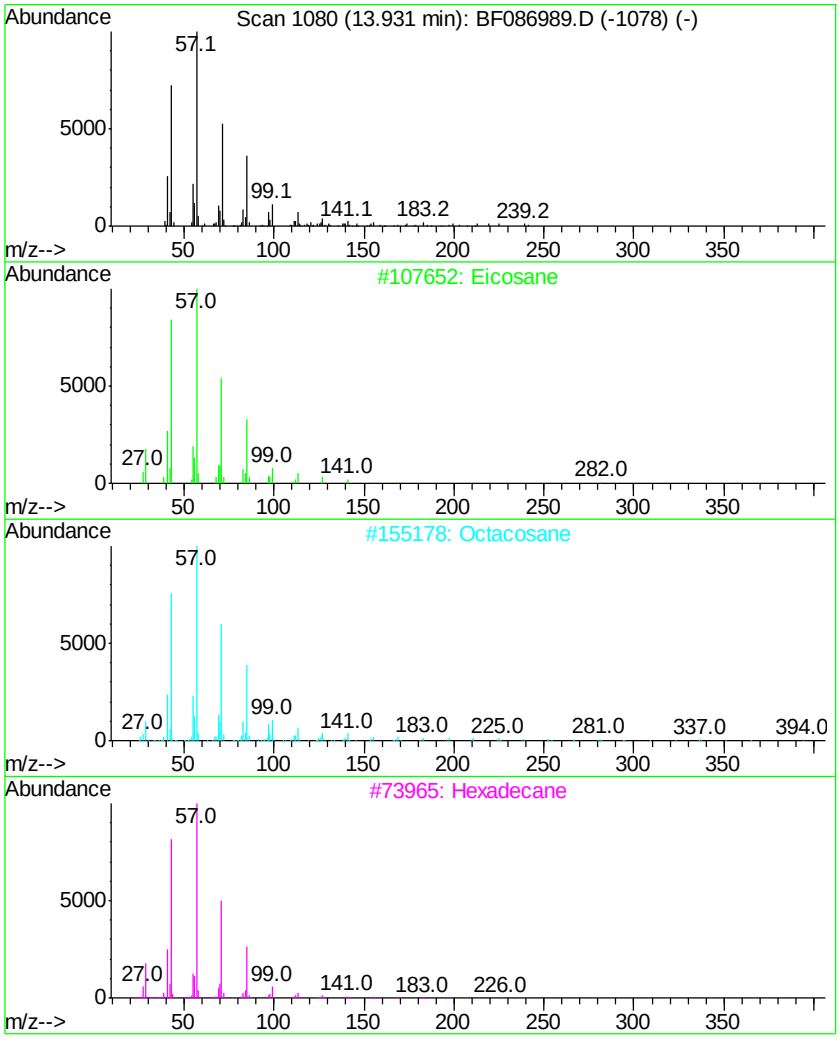
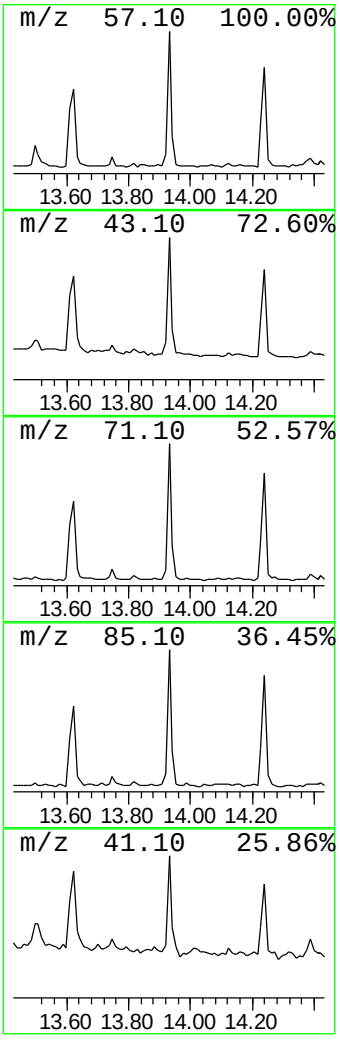
Peak Number 12 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	2.14 ng	137027	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptacosane	380	C27H56	000593-49-7	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086989.D
Acq On : 14 May 2016 00:17
Operator : UM/SJ
Sample : H2877-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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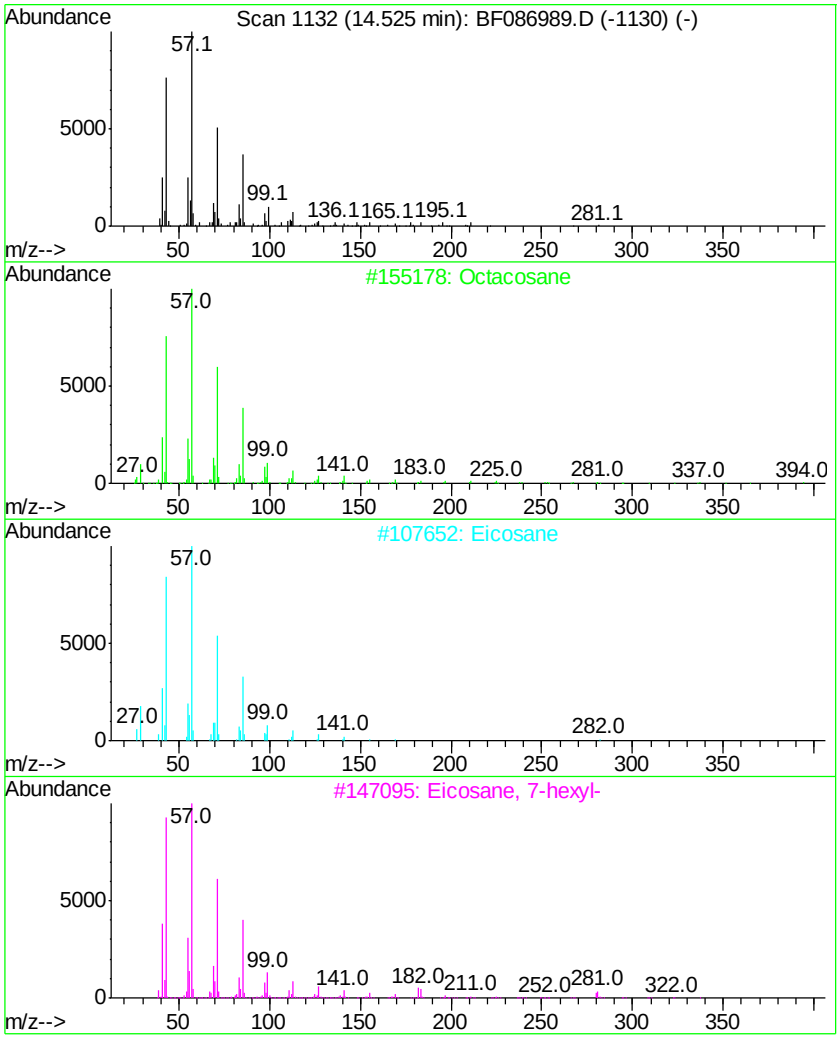
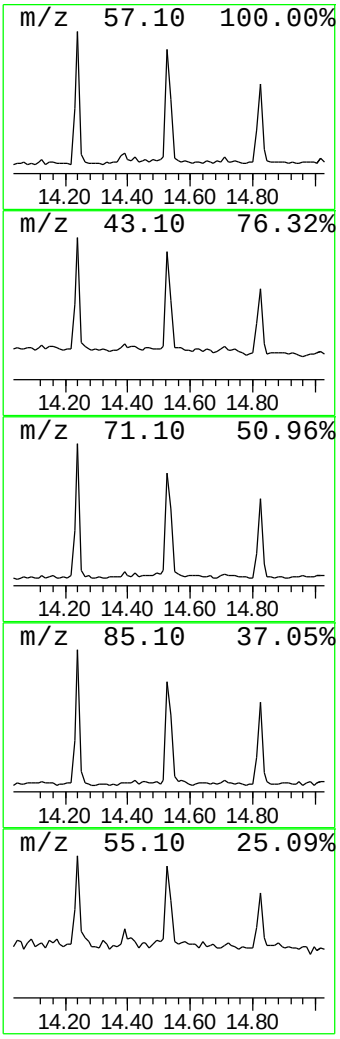
Peak Number 13 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.11 ng	95260	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF086989.D
Acq On : 14 May 2016 00:17
Operator : UM/SJ
Sample : H2877-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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
unknown6.39	6.39	79.2	ng	3930410	1	6.62	992702	20.0
Undecanoic acid	11.67	2.6	ng	182753	4	11.12	1415960	20.0
Pentadecanoic acid	12.46	2.9	ng	187157	5	13.75	1279530	20.0
Ethanol, 2-[2-[4-...	12.50	2.1	ng	134631	5	13.75	1279530	20.0
Hexadecanoic acid...	12.55	5.5	ng	355221	5	13.75	1279530	20.0
1-Tetradecanol, a...	12.62	2.2	ng	140533	5	13.75	1279530	20.0
n-Butyl myristate	13.25	4.4	ng	282606	5	13.75	1279530	20.0
unknown13.50	13.50	2.1	ng	136333	5	13.75	1279530	20.0
Heptacosane, 1-ch...	13.62	2.1	ng	132014	5	13.75	1279530	20.0
Eicosane	13.93	2.1	ng	137027	5	13.75	1279530	20.0
Octacosane	14.53	2.1	ng	95260	6	15.11	901586	20.0