

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051117\
 Data File : BF095106.D
 Acq On : 12 May 2017 8:35
 Operator : SJ/MA
 Sample : I3058-04 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-170508

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-BF050217.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	7.501	925	946	948	rBV2	183681	660796	1.17%	0.564%
2	9.719	1319	1323	1334	rVB	513303	685800	1.22%	0.585%
3	12.548	1800	1804	1819	rBV2	483886	698908	1.24%	0.597%
4	14.959	2209	2214	2229	rBV	418428	661428	1.18%	0.565%
5	16.048	2373	2399	2427	rBV2	4008111	26948921	47.87%	23.006%
6	17.106	2534	2579	2580	rBV5	6334640	56291175	100.00%	48.055%
7	17.212	2595	2597	2600	rVB2	3858119	3554295	6.31%	3.034%
8	17.306	2600	2613	2615	rVV2	4180278	11806341	20.97%	10.079%
9	17.330	2615	2617	2622	rVV	3311081	3217024	5.71%	2.746%
10	17.377	2622	2625	2629	rVV	842077	918193	1.63%	0.784%
11	17.442	2630	2636	2639	rVB	1924930	2723881	4.84%	2.325%
12	17.959	2713	2724	2730	rVV	2514695	6151640	10.93%	5.252%
13	18.012	2730	2733	2735	rVV2	407925	581973	1.03%	0.497%
14	18.042	2735	2738	2754	rVB	1268535	2238738	3.98%	1.911%

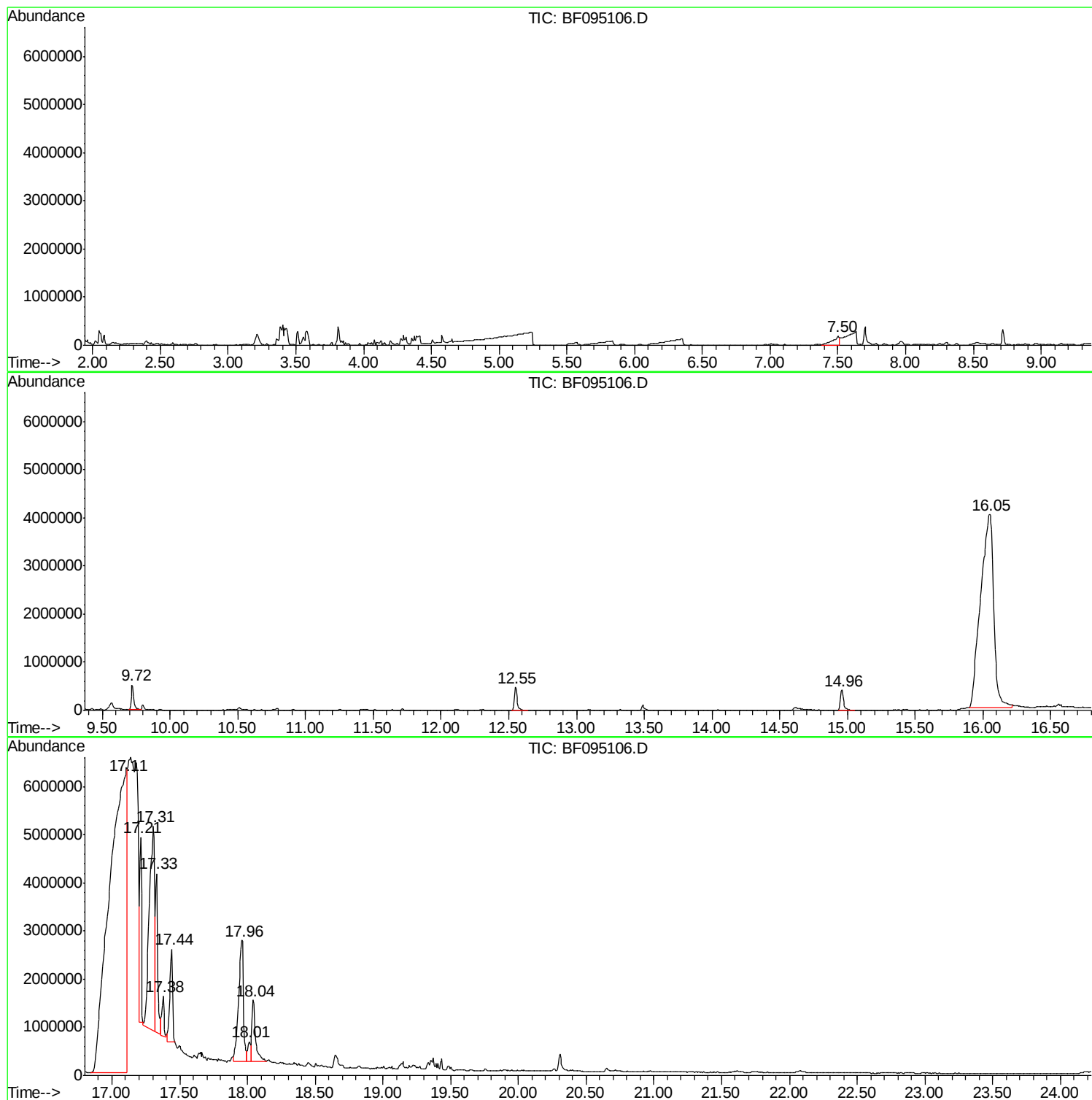
Sum of corrected areas: 117139113

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051117\
Data File : BF095106.D
Acq On : 12 May 2017 8:35
Operator : SJ/MA
Sample : I3058-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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\BF051117\
Data File : BF095106.D
Acq On : 12 May 2017 8:35
Operator : SJ/MA
Sample : I3058-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

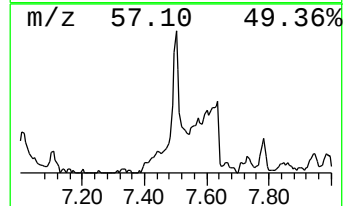
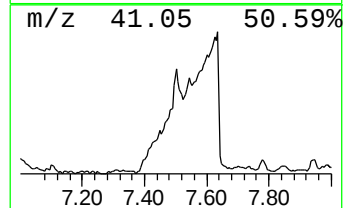
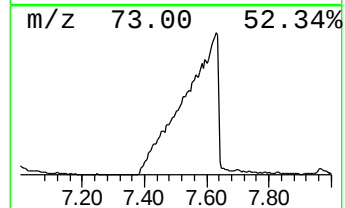
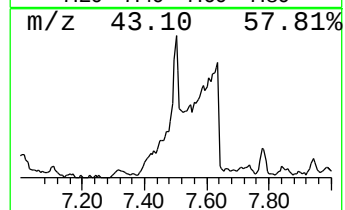
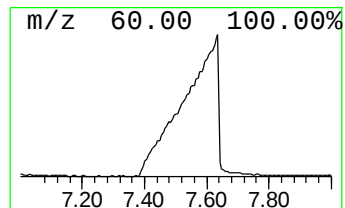
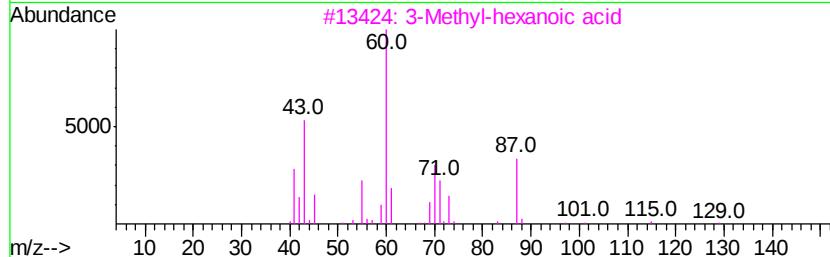
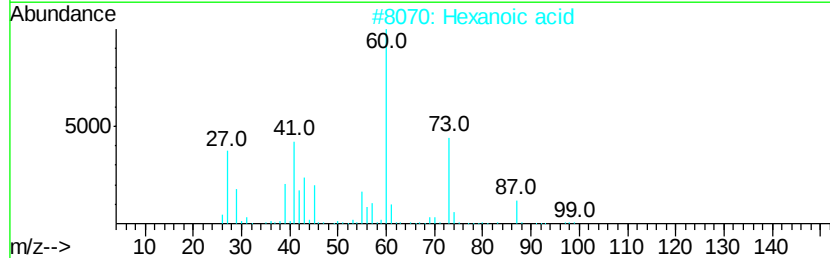
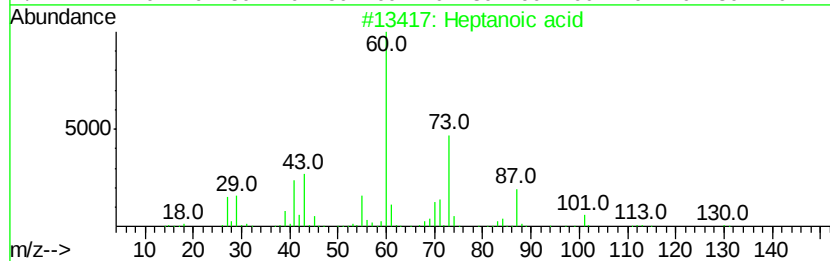
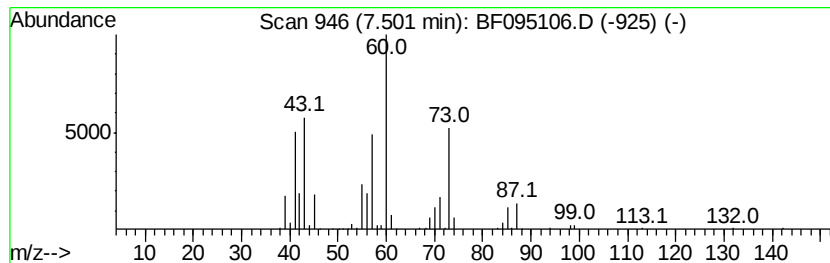
Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.50	20.00 ng	660796	1,4-Dichlorobenzene-d4	7.70	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	64
2	Hexanoic acid	116	C6H12O2	000142-62-1	53
3	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	53
4	Pentanoic acid	102	C5H10O2	000109-52-4	47
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
Data File : BF095106.D
Acq On : 12 May 2017 8:35
Operator : SJ/MA
Sample : I3058-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

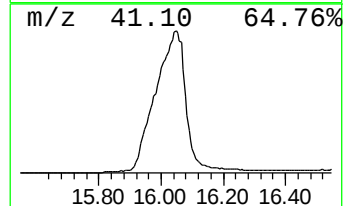
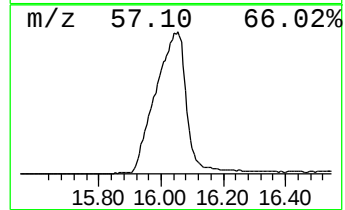
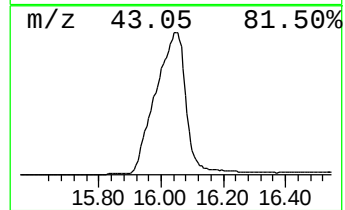
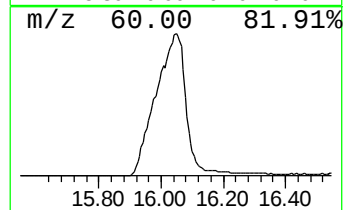
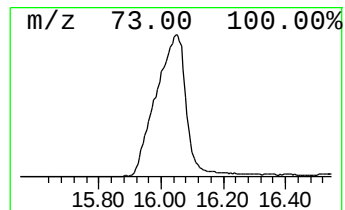
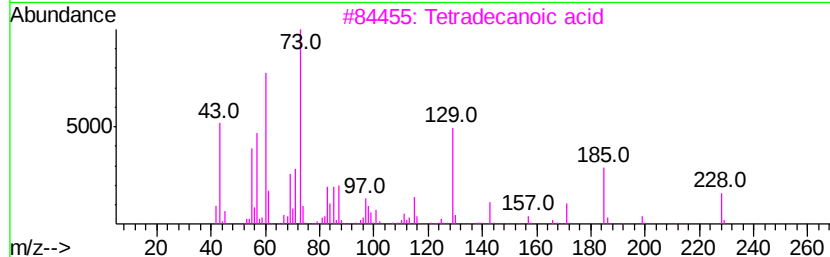
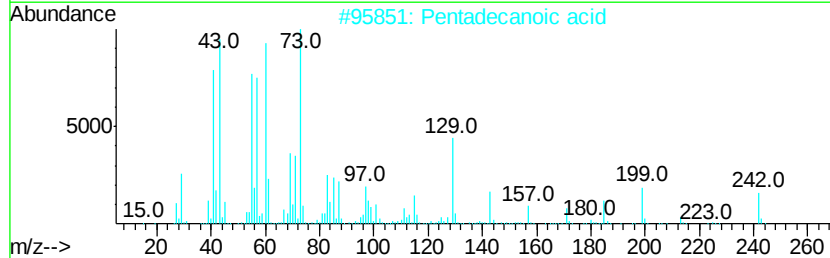
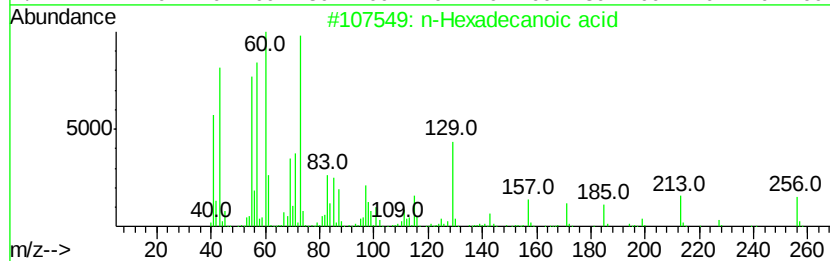
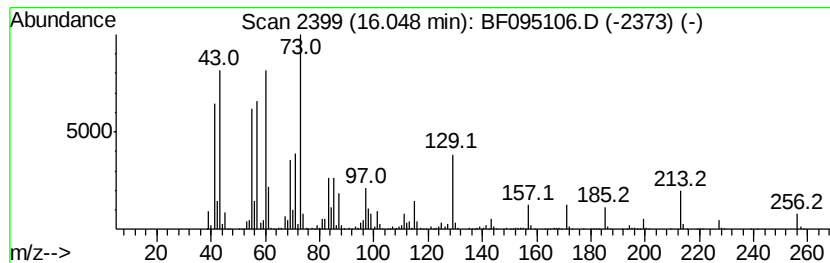
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	814.87 ng	26948900	Phenanthrene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
Data File : BF095106.D
Acq On : 12 May 2017 8:35
Operator : SJ/MA
Sample : I3058-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

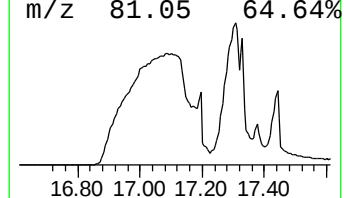
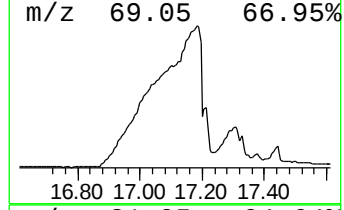
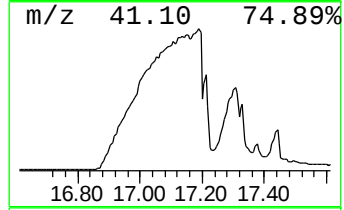
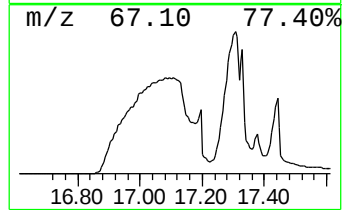
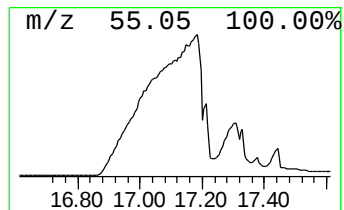
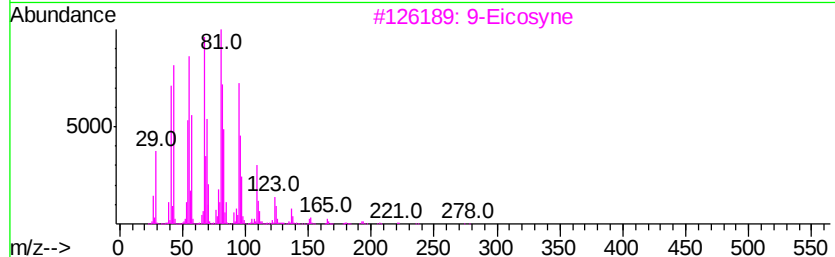
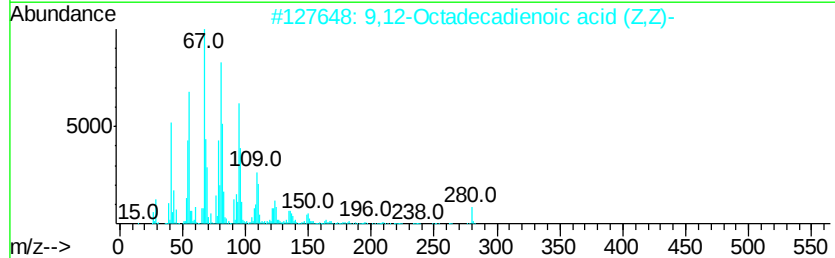
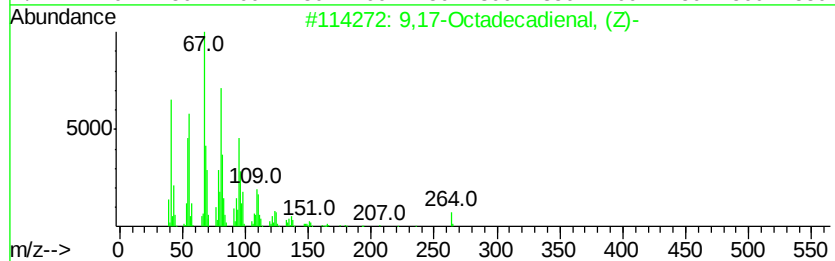
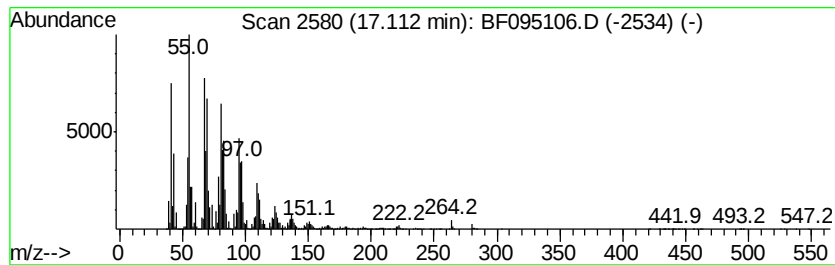
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 9,17-Octadecadienal, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	502.88 ng	56291200	Chrysene-d12	18.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,17-Octadecadienal, (Z)-			264	C18H32O	056554-35-9	98
2	9,12-Octadecadienoic acid (Z,Z)-			280	C18H32O2	000060-33-3	96
3	9-Eicosyne			278	C20H38	071899-38-2	95
4	2-Methyl-Z,Z-3,13-octadecadienol			280	C19H36O	1000130-90-5	93
5	trans-13-Octadecenoic acid			282	C18H34O2	000693-71-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
Data File : BF095106.D
Acq On : 12 May 2017 8:35
Operator : SJ/MA
Sample : I3058-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

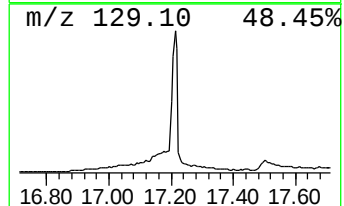
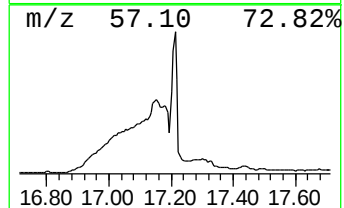
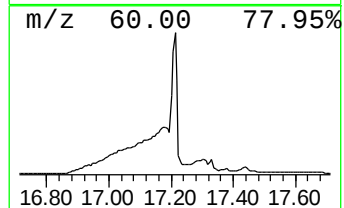
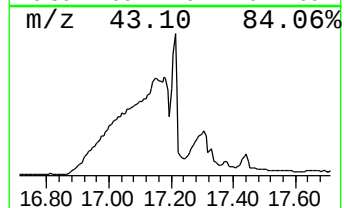
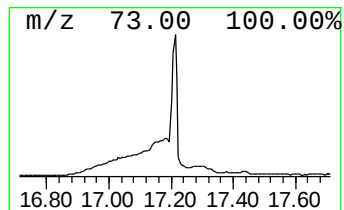
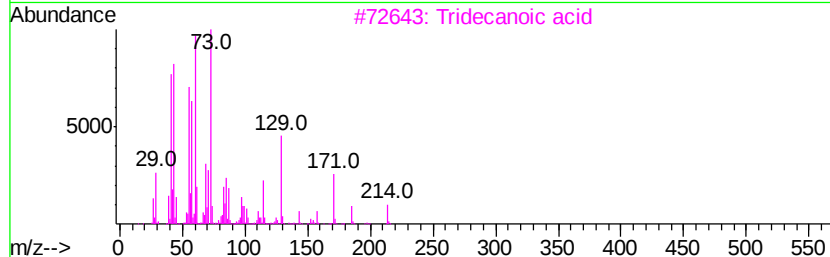
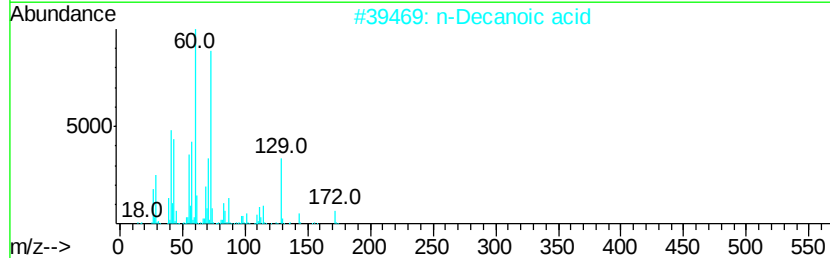
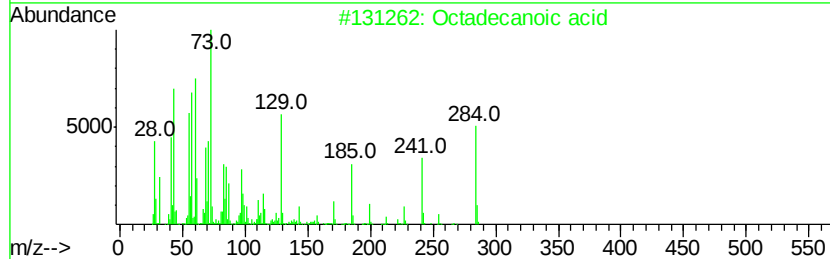
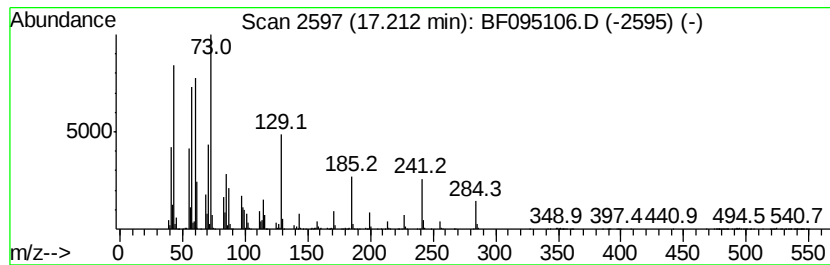
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	31.75 ng	3554300	Chrysene-d12	18.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2		n-Decanoic acid	172	C10H20O2	000334-48-5	70
3		Tridecanoic acid	214	C13H26O2	000638-53-9	68
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051117\
Data File : BF095106.D
Acq On : 12 May 2017 8:35
Operator : SJ/MA
Sample : I3058-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

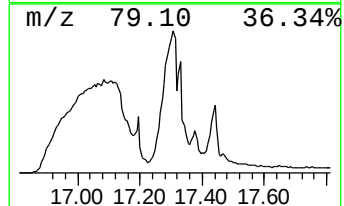
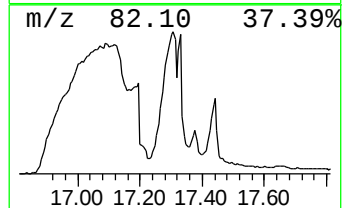
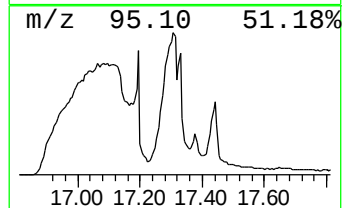
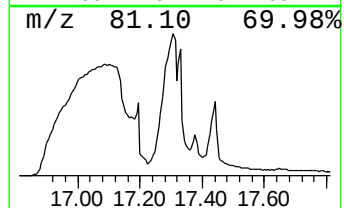
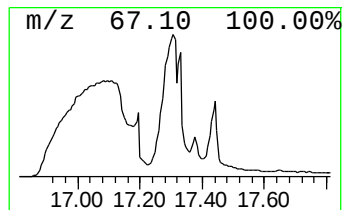
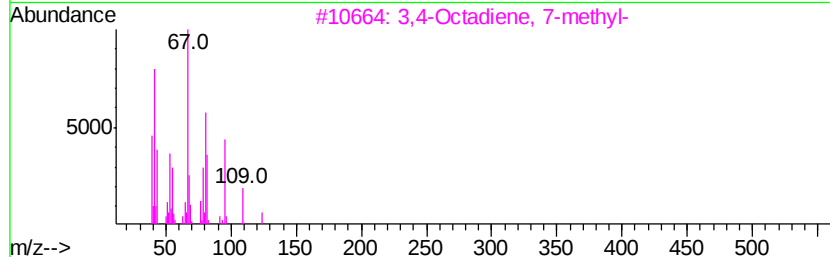
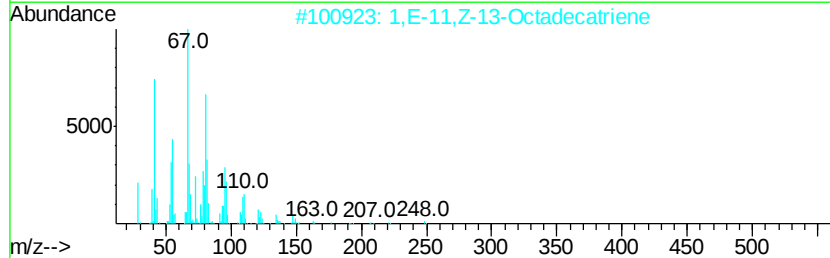
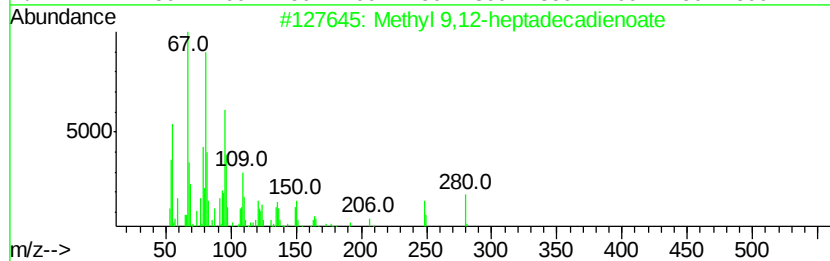
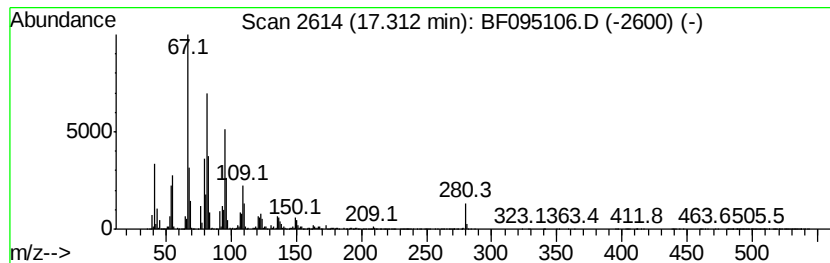
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Methyl 9,12-heptadecadienoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	105.47 ng	11806300	Chrysene-d12	18.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 9,12-heptadecadienoate	280	C18H32O2	1000336-36-2	87
2		1,E-11,Z-13-Octadecatriene	248	C18H32	080625-36-1	80
3		3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	74
4		11-Hexadecyn-1-ol	238	C16H30O	065686-49-9	72
5		7-Hexadecyne	222	C16H30	074685-28-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051117\
Data File : BF095106.D
Acq On : 12 May 2017 8:35
Operator : SJ/MA
Sample : I3058-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

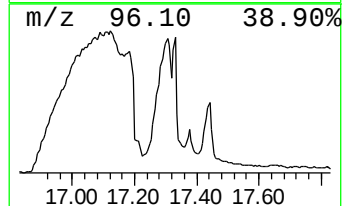
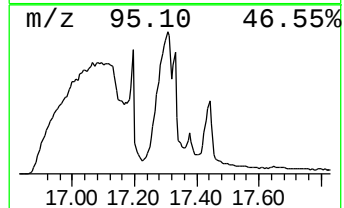
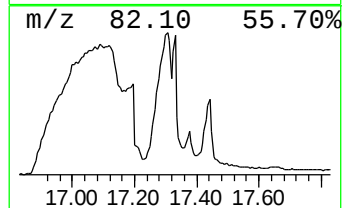
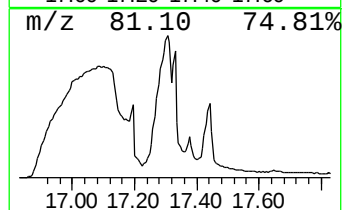
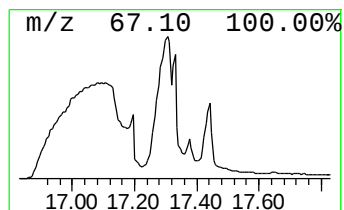
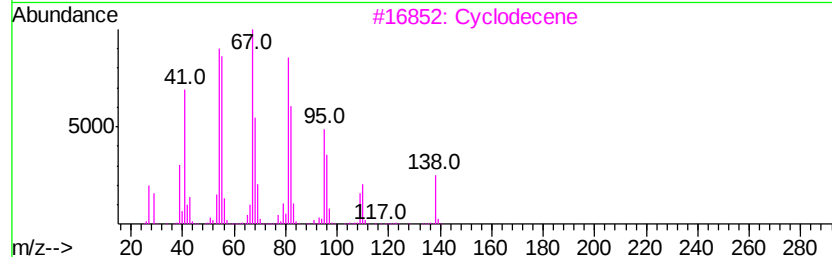
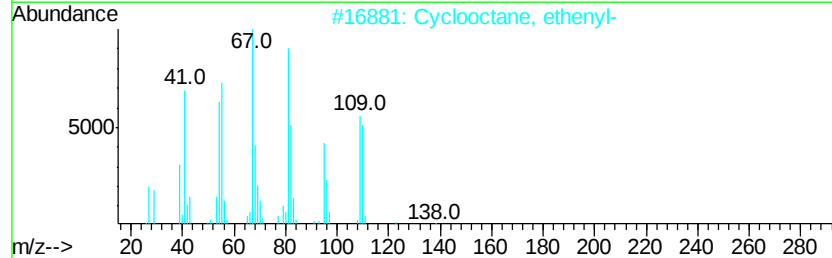
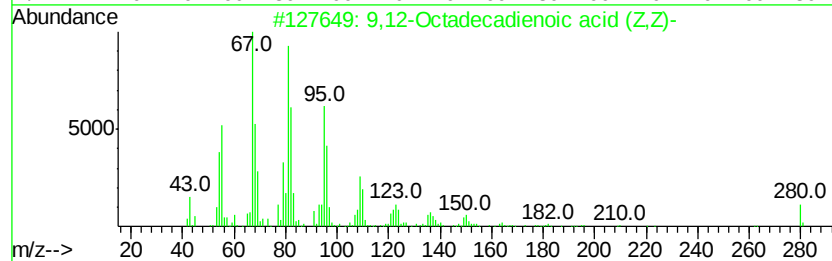
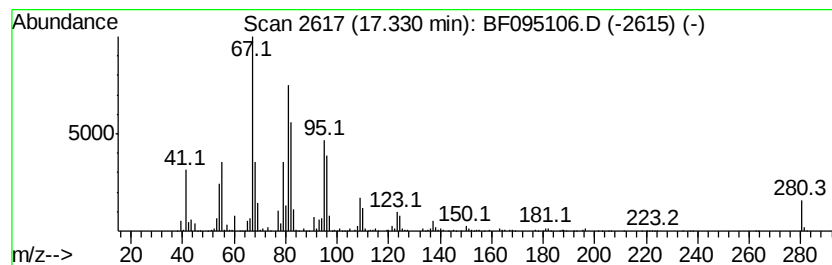
Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9,12-Octadecadienoic acid (... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	28.74 ng	3217020	Chrysene-d12	18.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280 C18H32O2	000060-33-3	91
2	Cyclooctane, ethenyl-	138 C10H18	061142-41-4	76
3	Cyclodecene	138 C10H18	003618-12-0	60
4	Methyl 9,12-heptadecadienoate	280 C18H32O2	1000336-36-2	58
5	Bicyclo[2.2.2]octane	110 C8H14	000280-33-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
Data File : BF095106.D
Acq On : 12 May 2017 8:35
Operator : SJ/MA
Sample : I3058-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

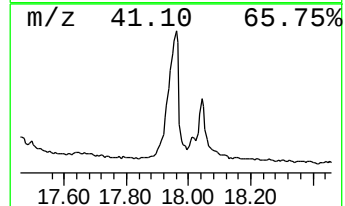
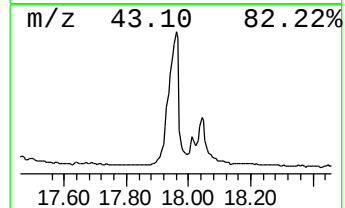
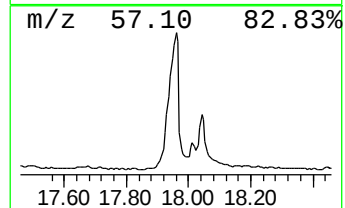
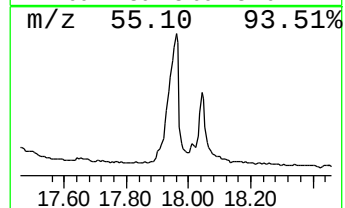
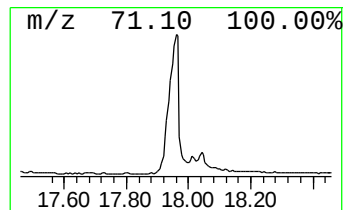
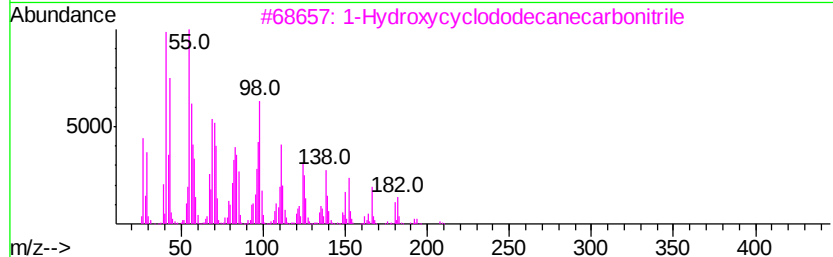
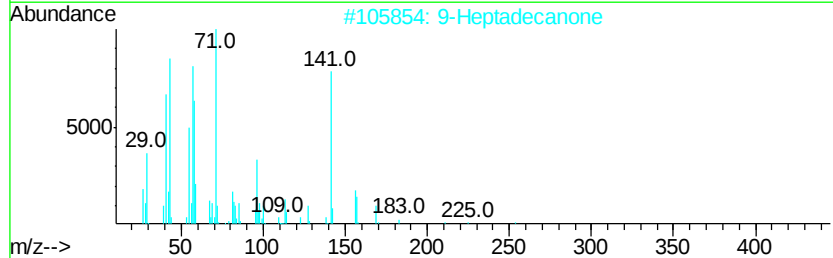
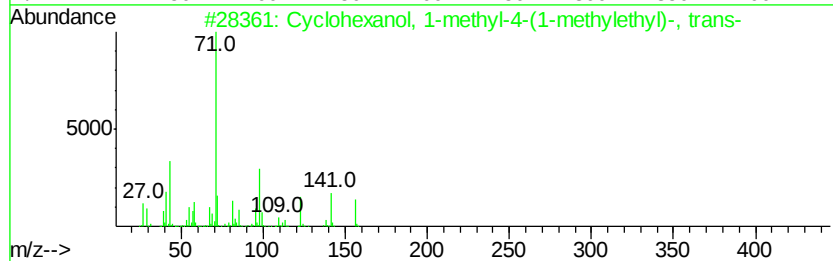
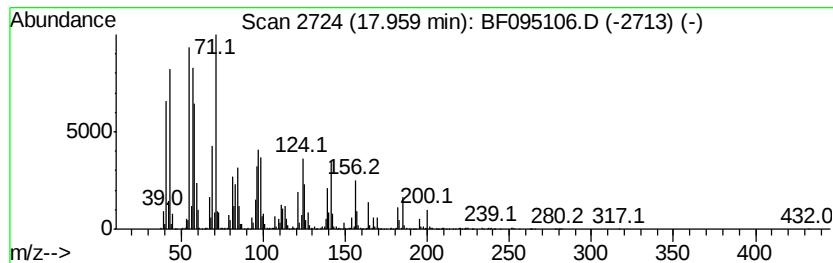
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown17.96 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	54.96 ng	6151640	Chrysene-d12	18.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	43
2		9-Heptadecanone	254	C17H34O	000540-08-9	41
3		1-Hydroxycycloclodecanecarbonitrile	209	C13H23NO	000882-83-7	38
4		2-Nonen-1-ol, 2-methyl-	156	C10H20O	091008-40-1	38
5		Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
Data File : BF095106.D
Acq On : 12 May 2017 8:35
Operator : SJ/MA
Sample : I3058-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

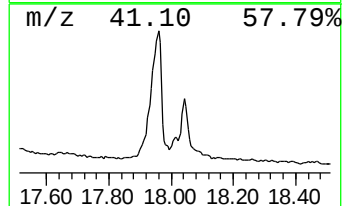
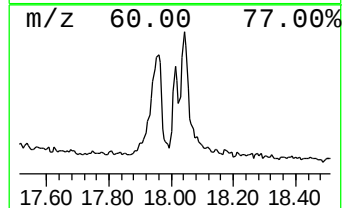
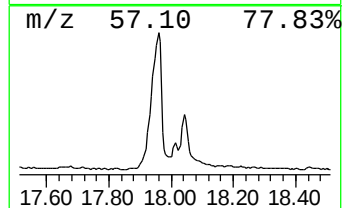
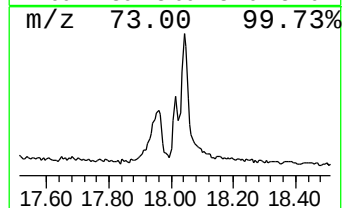
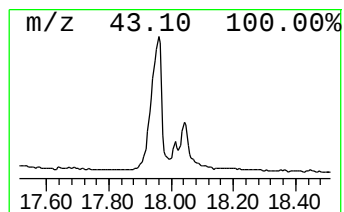
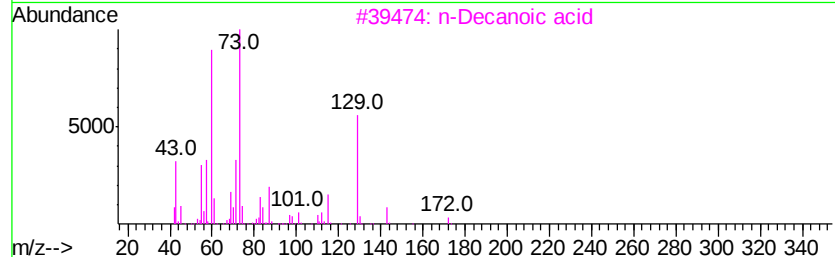
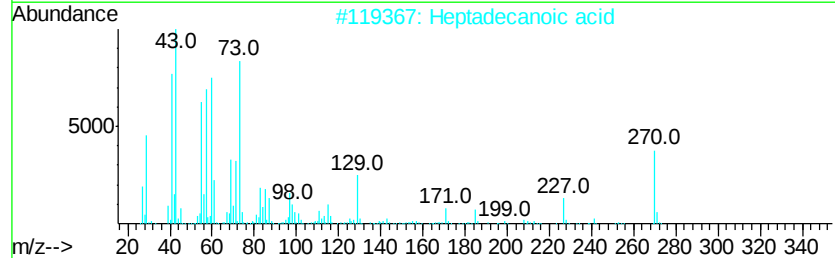
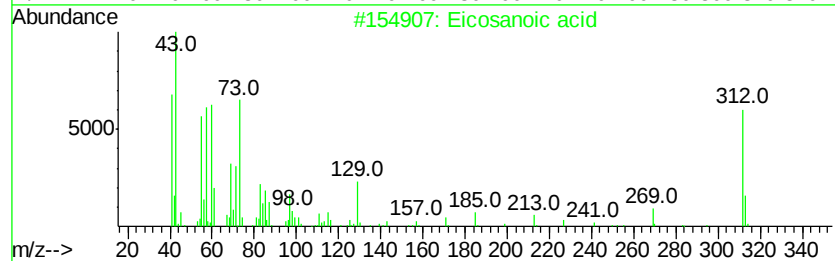
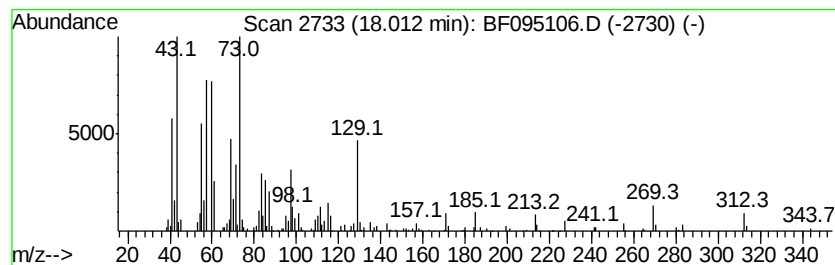
Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.01	5.20 ng	581973	Chrysene-d12		18.65
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid	312	C20H40O2	000506-30-9	93
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051117\
Data File : BF095106.D
Acq On : 12 May 2017 8:35
Operator : SJ/MA
Sample : I3058-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

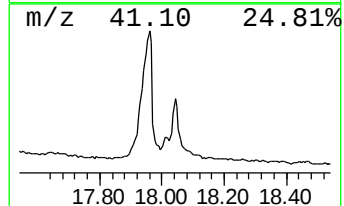
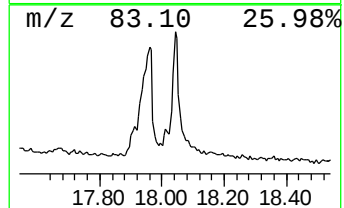
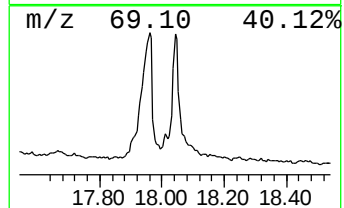
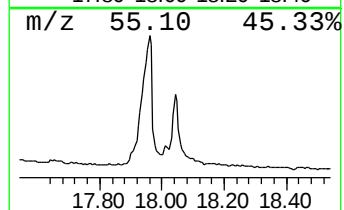
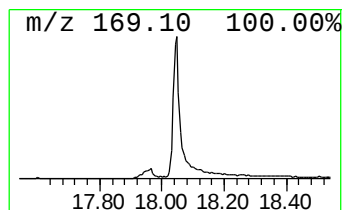
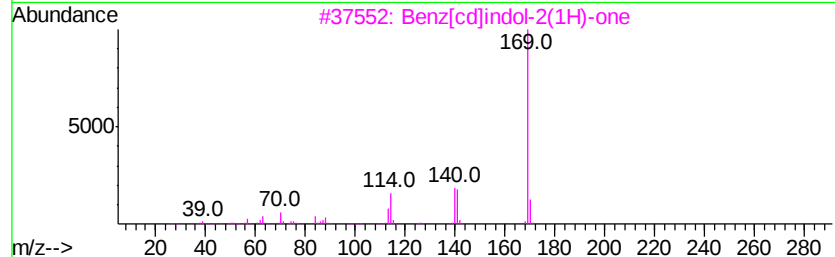
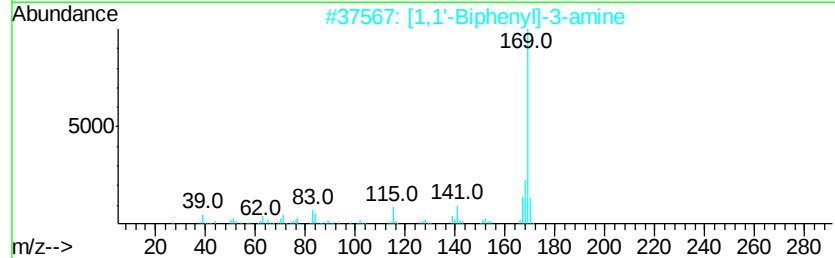
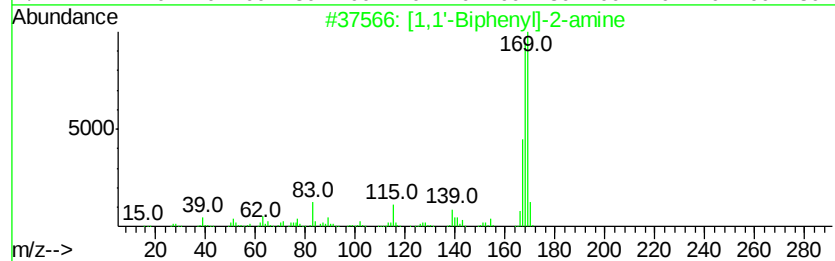
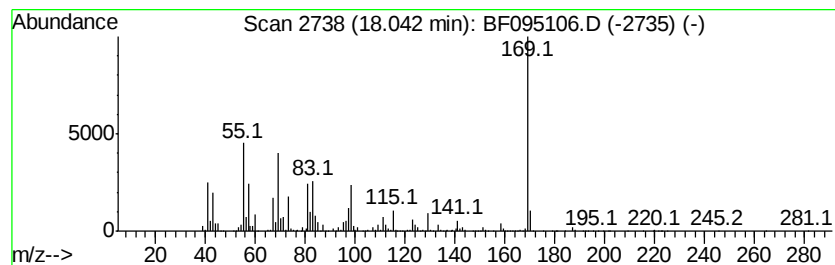
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown18.04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	20.00 ng	2238740	Chrysene-d12	18.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	47
2		[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	43
3		Benz[cd]indol-2(1H)-one	169	C11H7NO	000130-00-7	43
4		[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	43
5		3-Chlorophenyl isothiocyanate	169	C7H4ClNS	002392-68-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051117\
Data File : BF095106.D
Acq On : 12 May 2017 8:35
Operator : SJ/MA
Sample : I3058-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptanoic acid	7.50	20.0	ng	660796	1	7.70	660796	20.0
n-Hexadecanoic acid	16.05	814.9	ng	26948900	4	14.96	661428	20.0
9,17-Octadecadien...	17.11	502.9	ng	56291200	5	18.65	2238740	20.0
Octadecanoic acid	17.21	31.8	ng	3554300	5	18.65	2238740	20.0
Methyl 9,12-hepta...	17.31	105.5	ng	11806300	5	18.65	2238740	20.0
9,12-Octadecadien...	17.33	28.7	ng	3217020	5	18.65	2238740	20.0
unknown17.96	17.96	55.0	ng	6151640	5	18.65	2238740	20.0
Eicosanoic acid	18.01	5.2	ng	581973	5	18.65	2238740	20.0
unknown18.04	18.04	20.0	ng	2238740	5	18.65	2238740	20.0