

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077071.D
 Acq On : 27 Jan 2015 3:40
 Operator : TP/IZ
 Sample : G1159-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(7-9)

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-BF011415.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	4.790	321	324	332	rBV	180641	363335	1.71%	0.737%
2	7.179	529	533	537	rBV	198495	370873	1.75%	0.752%
3	7.259	537	540	547	rVB	255546	411326	1.94%	0.834%
4	8.093	609	613	616	rBV	152739	273278	1.29%	0.554%
5	9.065	695	698	707	rVB	154330	233245	1.10%	0.473%
6	13.328	1068	1071	1075	rBV	249835	419503	1.98%	0.851%
7	16.517	1348	1350	1354	rBV	204451	300922	1.42%	0.610%
8	17.637	1445	1448	1450	rBV	179554	218813	1.03%	0.444%
9	18.471	1517	1521	1523	rVB	4275523	5855010	27.60%	11.875%
10	19.386	1593	1601	1602	rBV	8633409	21214496	100.00%	43.026%
11	19.420	1602	1604	1607	rVV	9320185	12861206	60.62%	26.084%
12	19.511	1609	1612	1614	rVV	2404494	2698837	12.72%	5.474%
13	19.569	1614	1617	1619	rVV2	124087	245000	1.15%	0.497%
14	19.889	1643	1645	1647	rVB	460368	470466	2.22%	0.954%
15	20.311	1680	1682	1687	rVB2	130697	230120	1.08%	0.467%
16	20.437	1687	1693	1696	rBV	412960	772917	3.64%	1.568%
17	20.494	1696	1698	1701	rBV	236174	335137	1.58%	0.680%
18	20.677	1711	1714	1717	rVB	505689	645436	3.04%	1.309%
19	20.952	1735	1738	1741	rVB	266873	469618	2.21%	0.952%
20	21.146	1751	1755	1757	rBV2	237527	457837	2.16%	0.929%
21	21.260	1763	1765	1768	rBV	171272	232626	1.10%	0.472%
22	22.780	1895	1898	1901	rBV	166579	226232	1.07%	0.459%

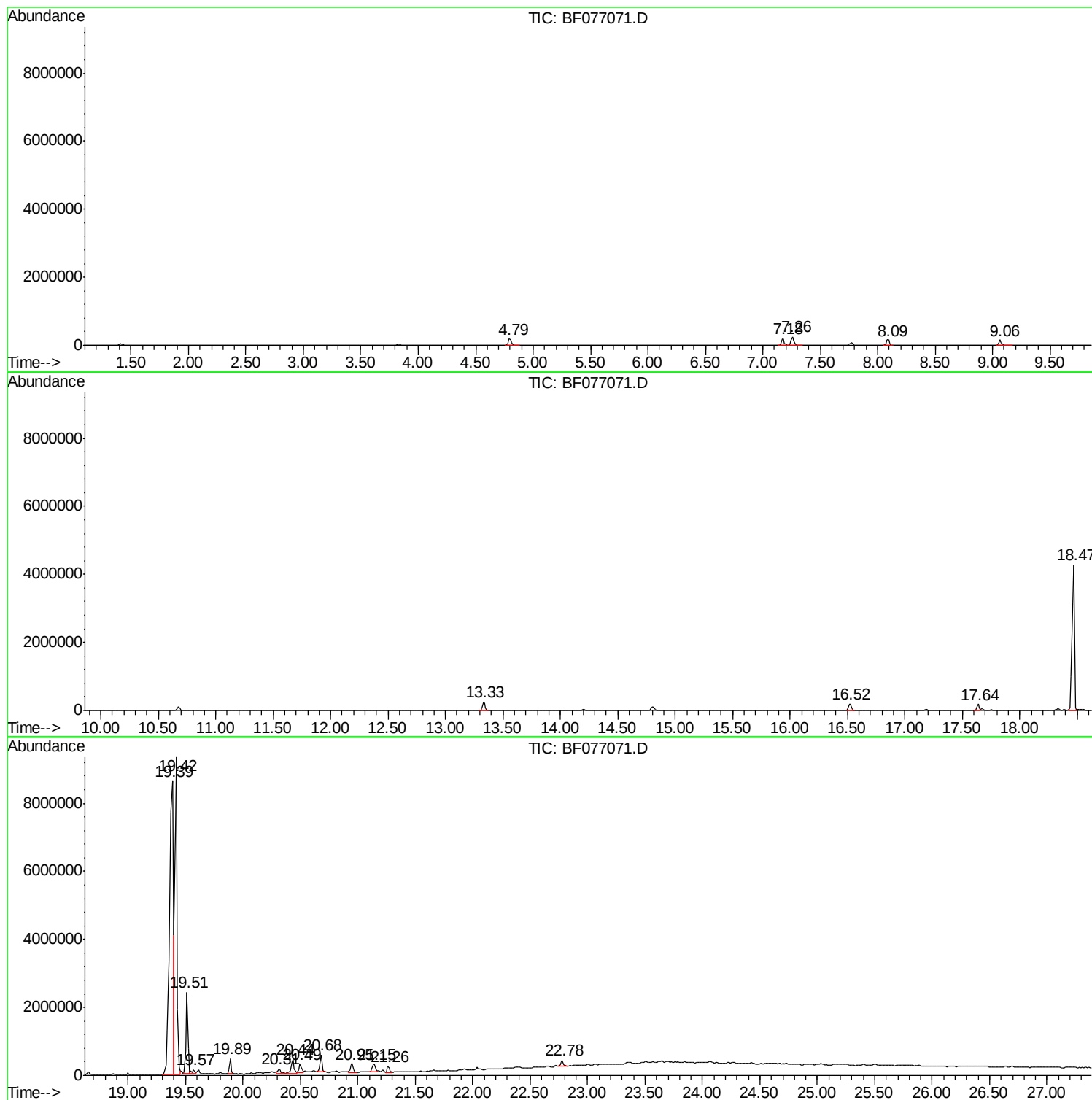
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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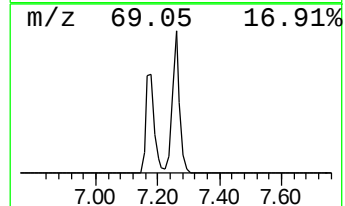
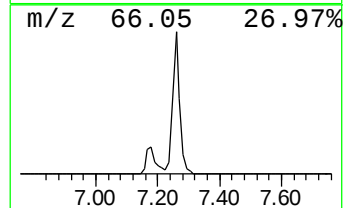
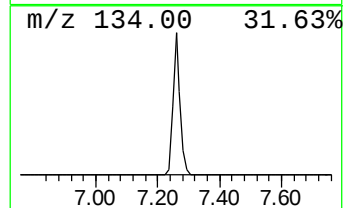
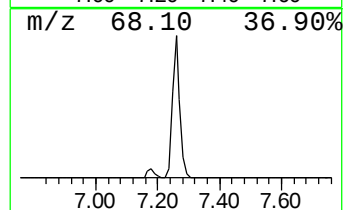
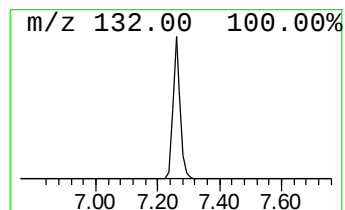
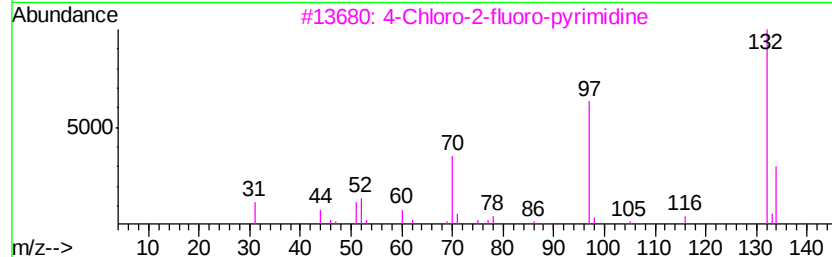
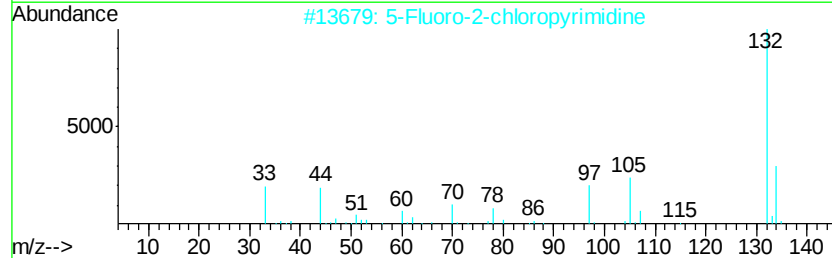
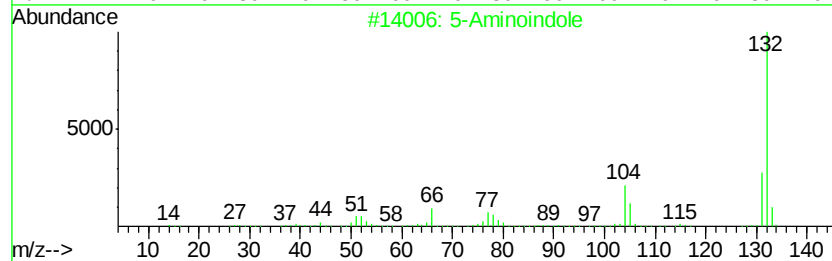
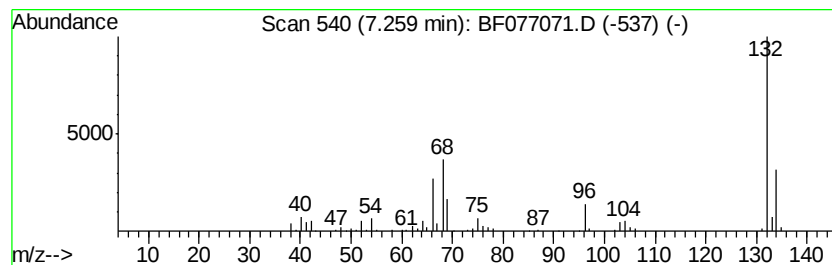
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.26 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	30.10 ng	411326	1,4-Dichlorobenzene-d4	7.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Aminoindole	132	C8H8N2	005192-03-0	22
2			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
3			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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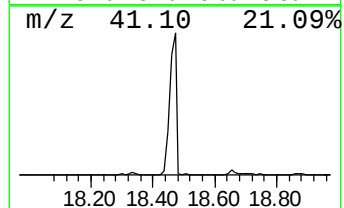
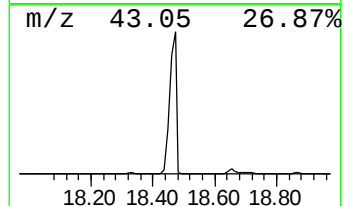
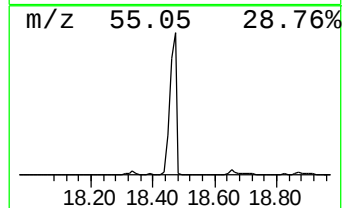
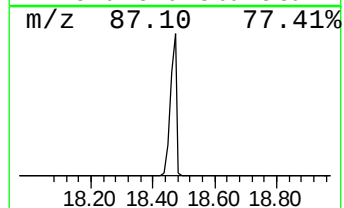
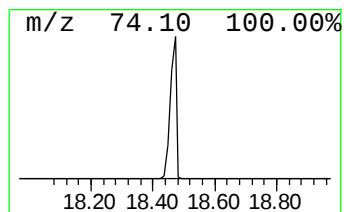
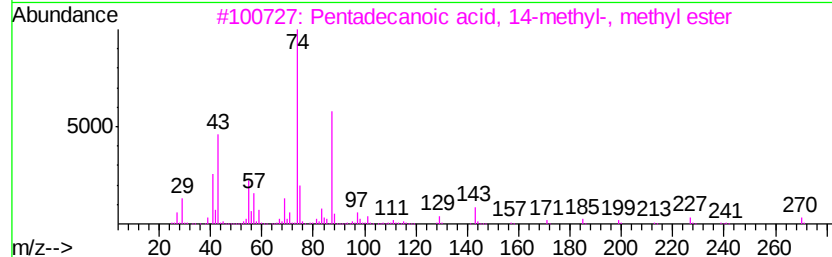
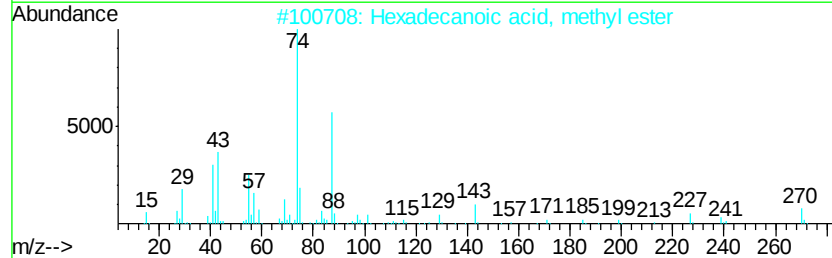
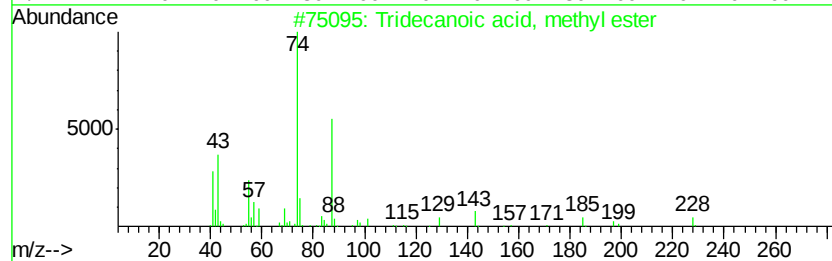
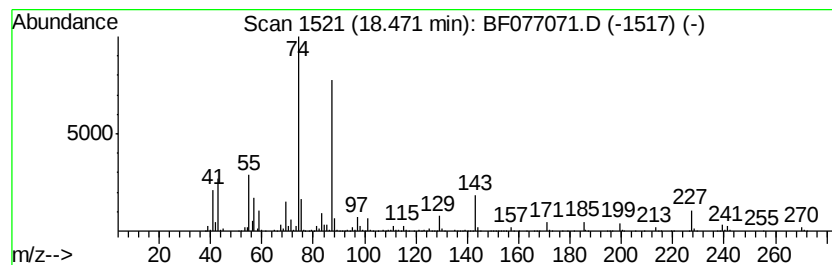
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Tridecanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	535.16 ng	5855010	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
2		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4		9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	87
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



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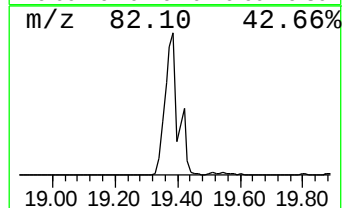
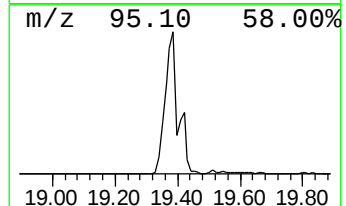
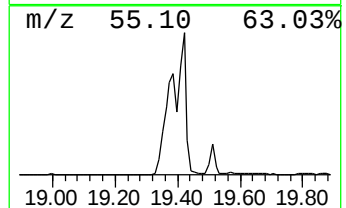
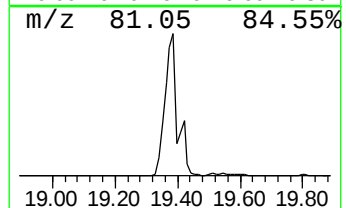
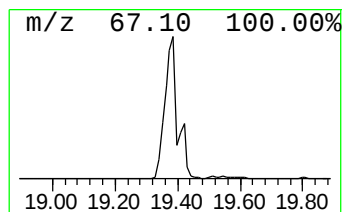
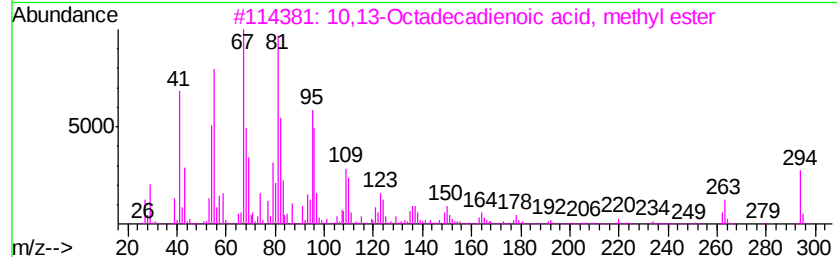
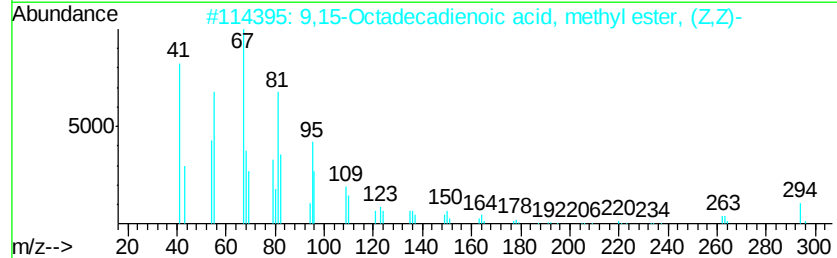
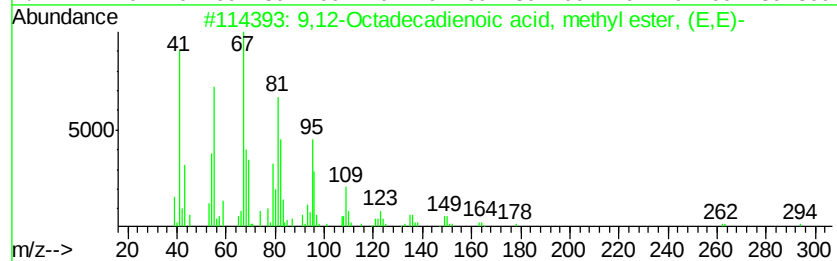
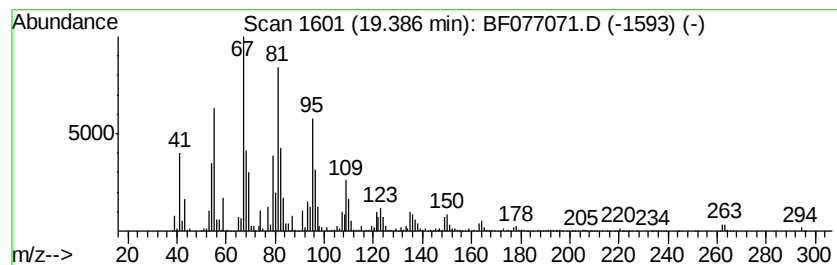
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Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	1939.05 ng	21214500	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
4		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98



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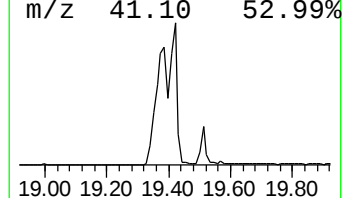
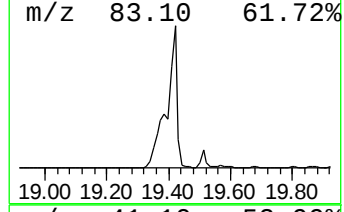
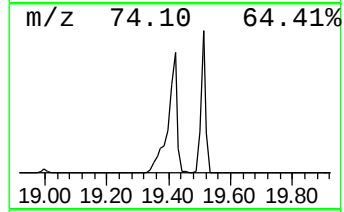
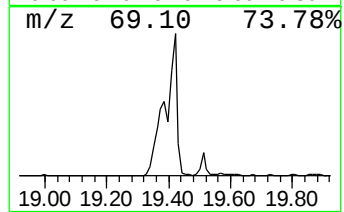
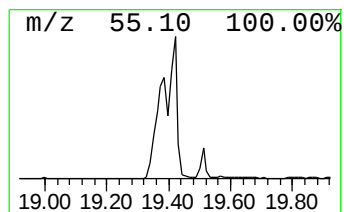
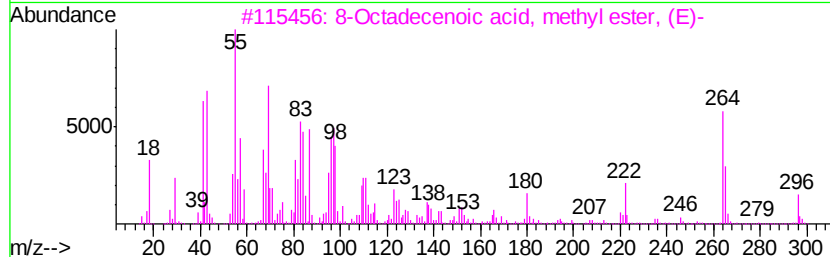
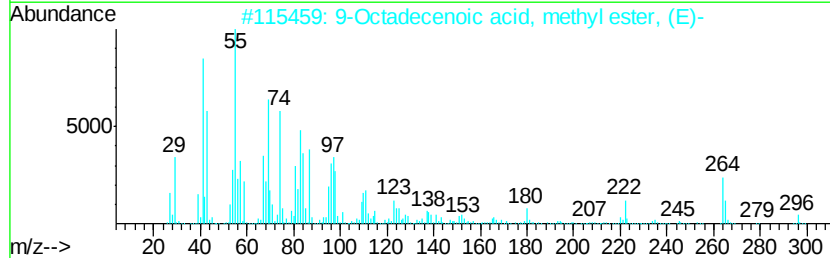
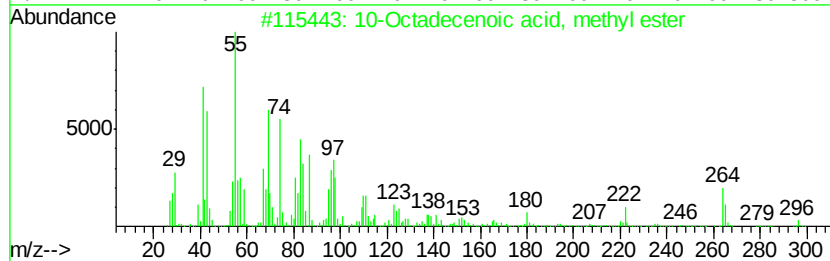
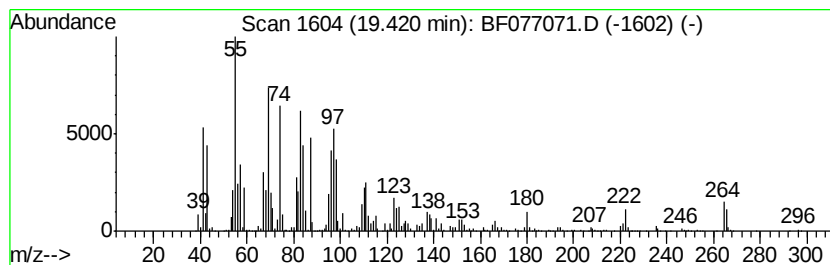
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Peak Number 5 10-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	561.83 ng	12861200	Chrysene-d12	21.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2		9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	99
3		8-Octadecenoic acid, methyl ester...	296	C19H36O2	026528-50-7	99
4		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
5		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99



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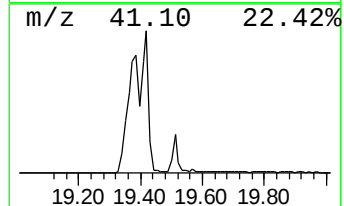
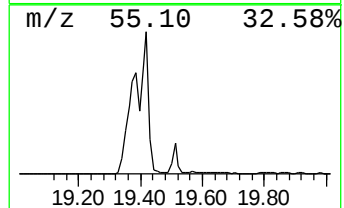
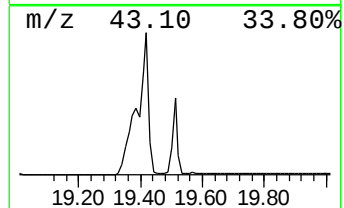
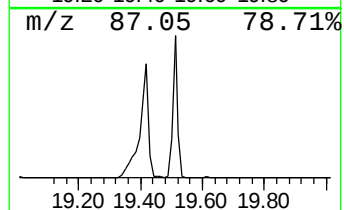
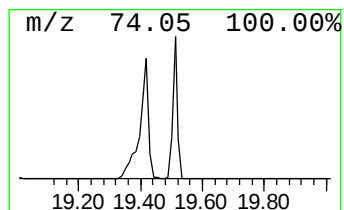
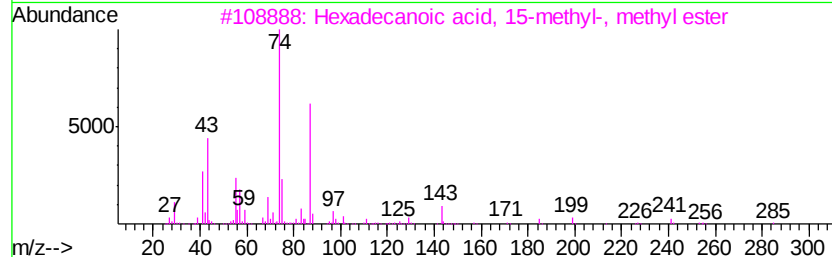
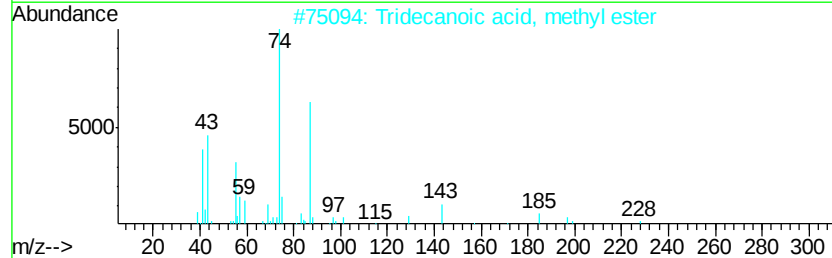
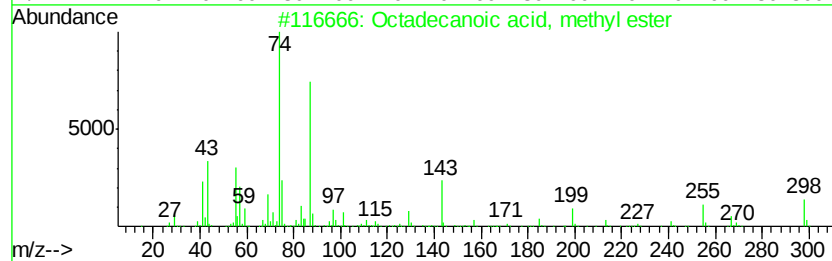
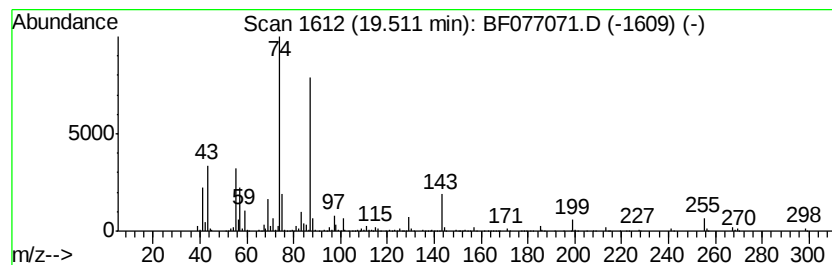
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Peak Number 6 Octadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	117.90 ng	2698840	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	98
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90



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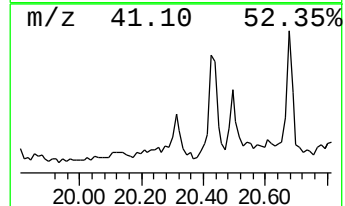
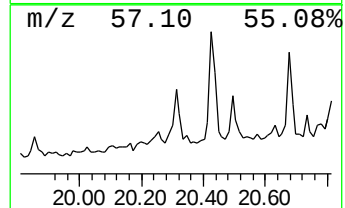
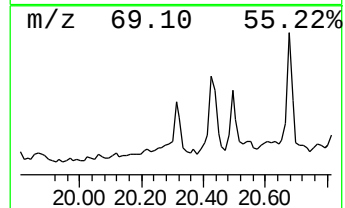
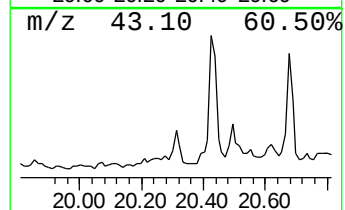
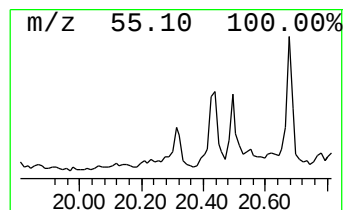
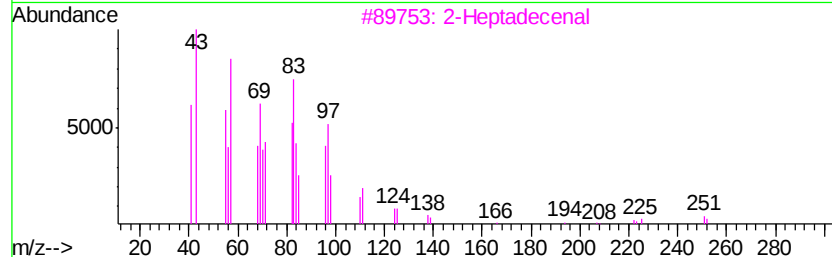
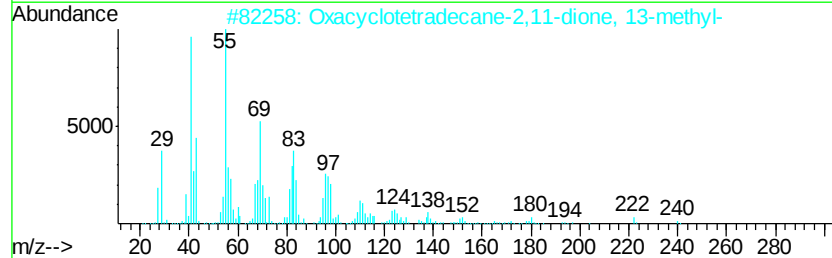
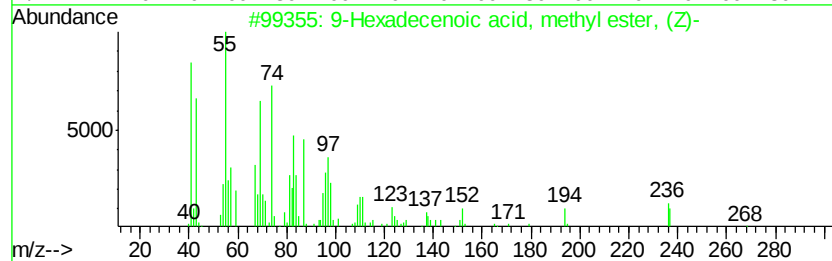
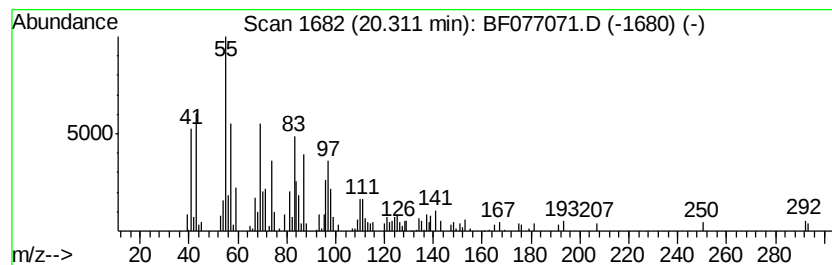
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9-Hexadecenoic acid, methyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	10.05 ng	230120	Chrysene-d12	21.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	78
2		Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	47
3		2-Heptadecenal	252	C17H32O	1000143-48-6	43
4		4-Octadecenal	266	C18H34O	056554-98-4	38
5		16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077071.D
Acq On : 27 Jan 2015 3:40
Operator : TP/IZ
Sample : G1159-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

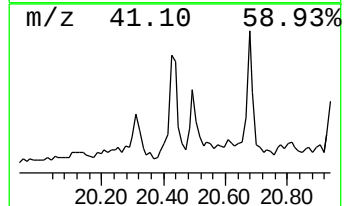
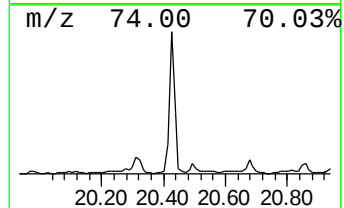
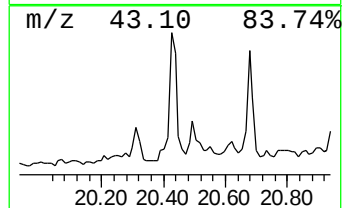
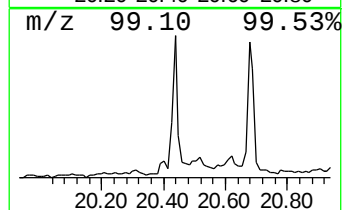
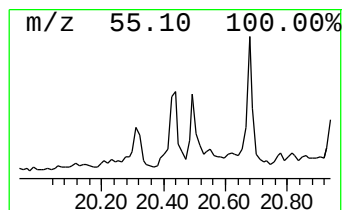
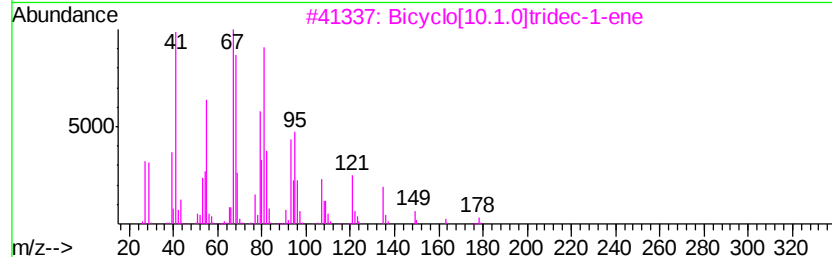
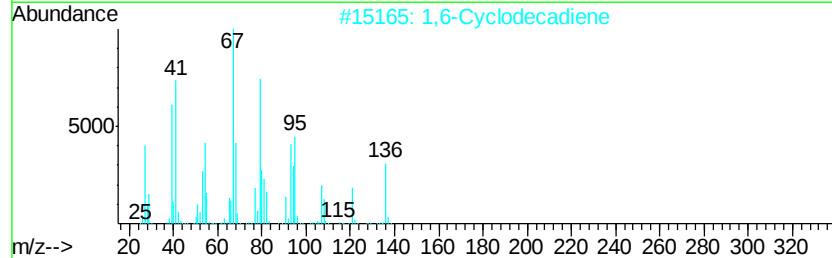
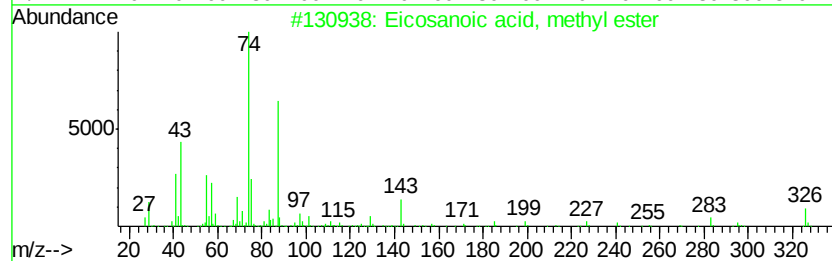
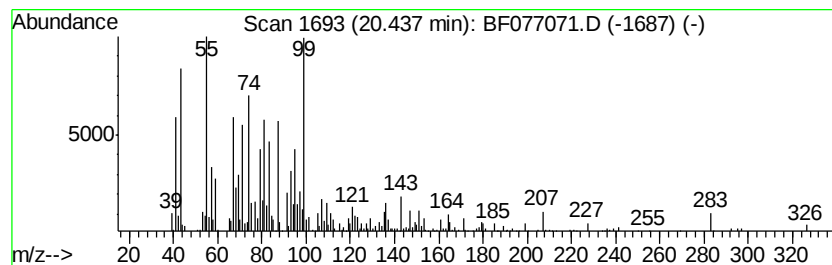
Instrument :
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ClientSampleId :
SB-84(7-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.44	33.76 ng	772917	Chrysene-d12	21.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	55	
2	1,6-Cyclodecadiene	136	C10H16	007049-13-0	44	
3	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	43	
4	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	25	
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	25	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077071.D
Acq On : 27 Jan 2015 3:40
Operator : TP/IZ
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Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-84(7-9)

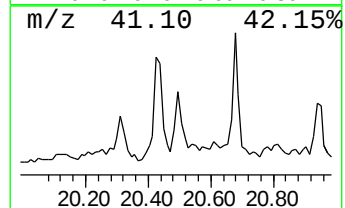
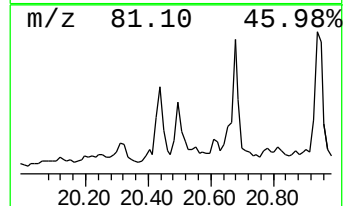
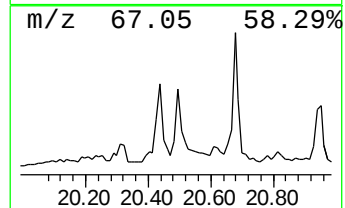
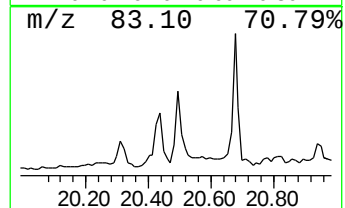
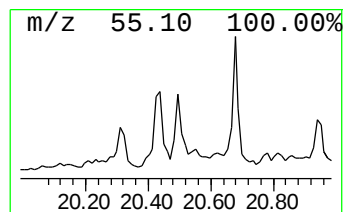
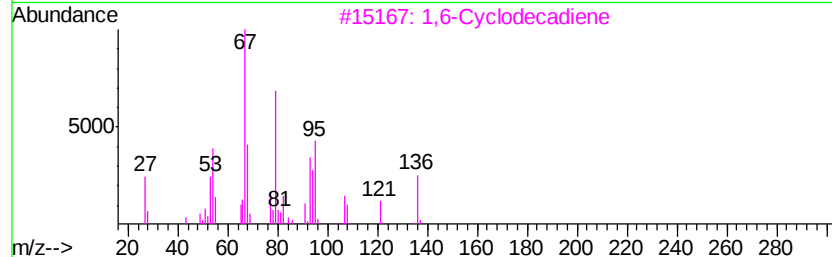
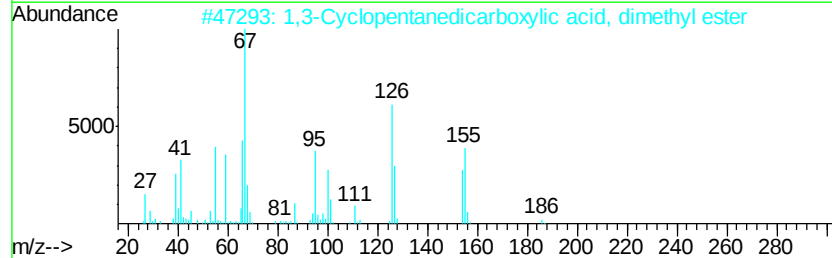
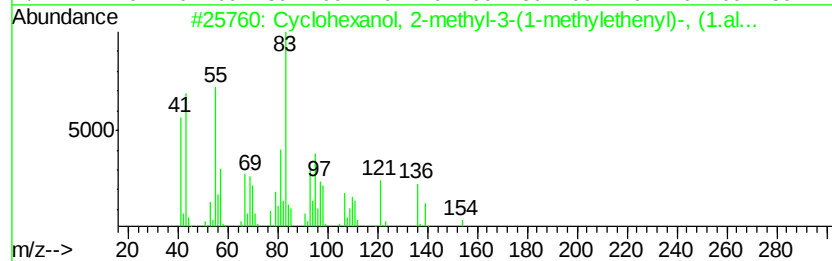
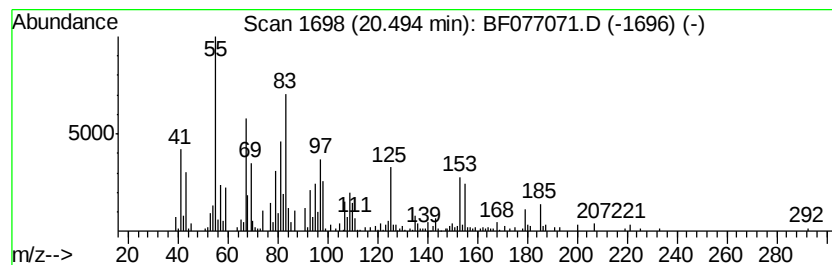
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown20.49 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	14.64 ng	335137	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 2-methyl-3-(1-meth...	154	C10H18O	054244-81-4	38
2		1,3-Cyclopentanedicarboxylic aci...	186	C9H14O4	002435-36-1	30
3		1,6-Cyclodecadiene	136	C10H16	007049-13-0	25
4		Cyclopentene,3-methoxy-	98	C6H10O	039819-74-4	25
5		Cyclohexanemethanol	114	C7H14O	000100-49-2	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077071.D
Acq On : 27 Jan 2015 3:40
Operator : TP/IZ
Sample : G1159-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-84(7-9)

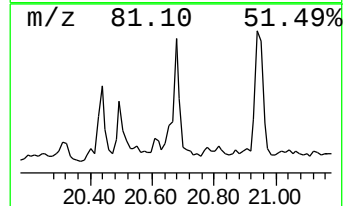
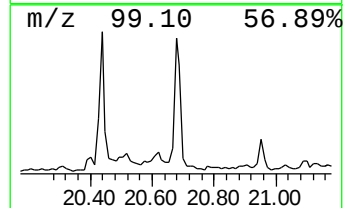
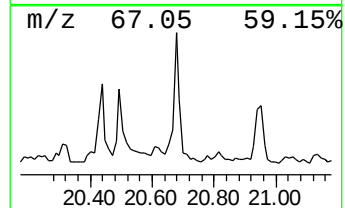
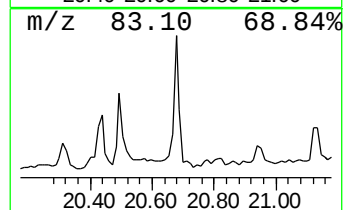
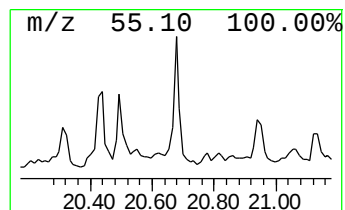
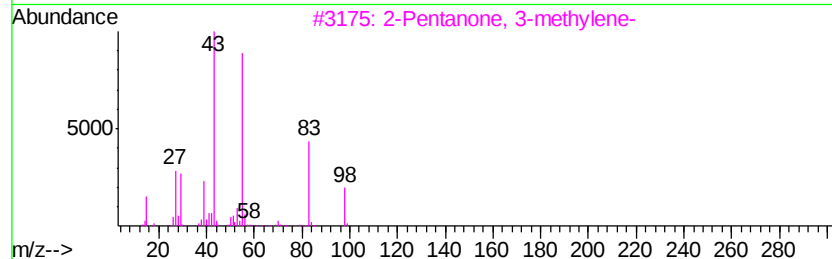
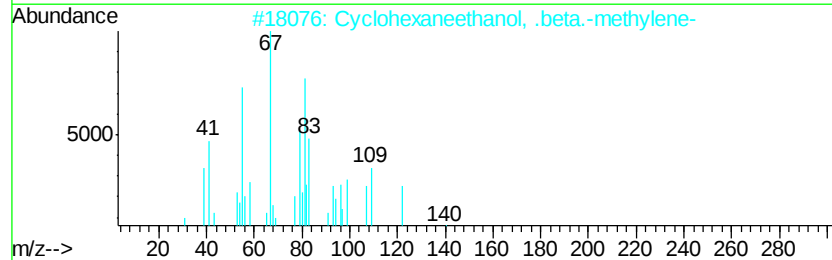
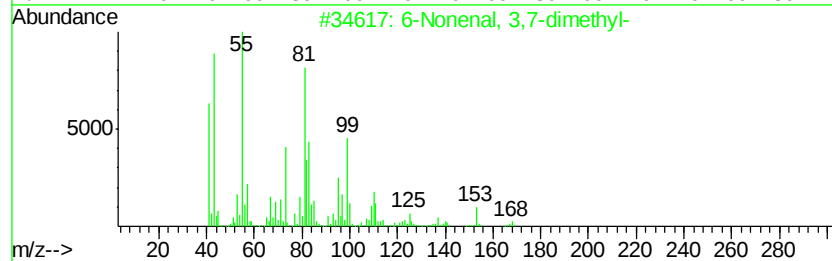
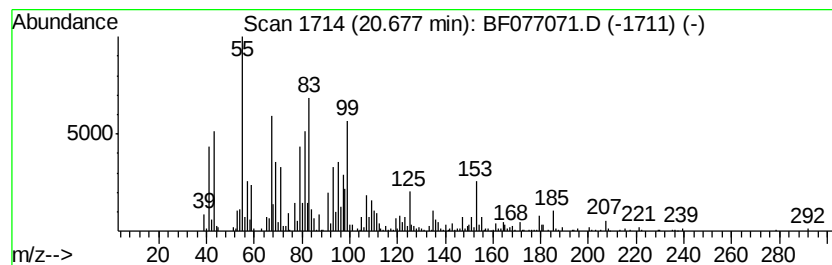
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown20.68 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	28.20 ng	645436	Chrysene-d12	21.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Nonenal, 3,7-dimethyl-			168	C11H20O	1000132-43-9	27
2	Cyclohexaneethanol, .beta.-methy...			140	C9H16O	007697-55-4	18
3	2-Pentanone, 3-methylene-			98	C6H10O	004359-77-7	11
4	Cyclopentene,1-(2-propenyl)-			108	C8H12	037689-19-3	11
5	3,6-Nonadien-1-ol, (E,Z)-			140	C9H16O	056805-23-3	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077071.D
Acq On : 27 Jan 2015 3:40
Operator : TP/IZ
Sample : G1159-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-84(7-9)

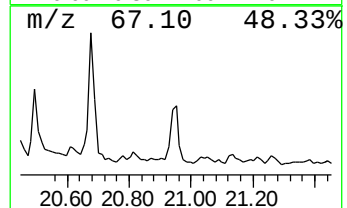
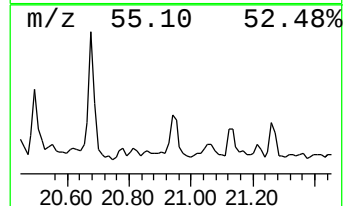
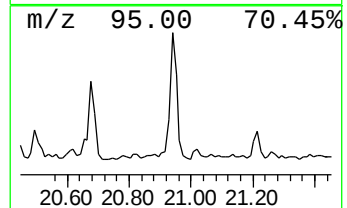
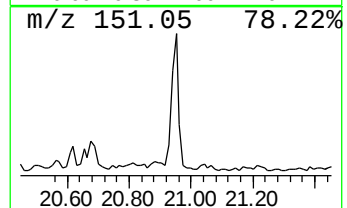
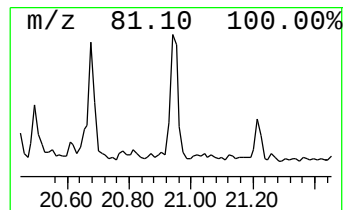
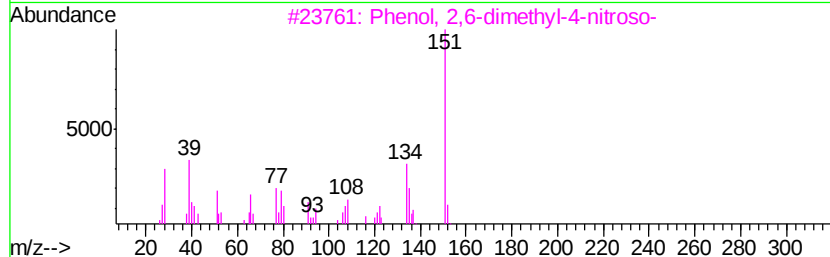
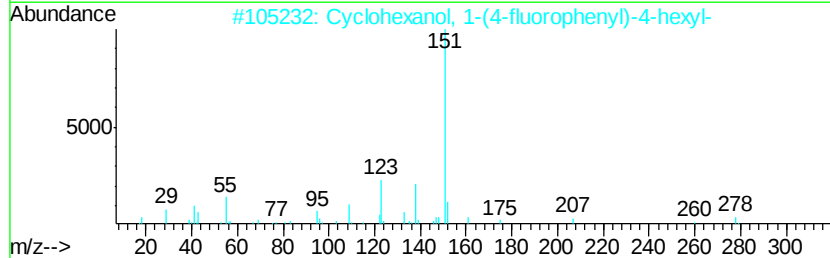
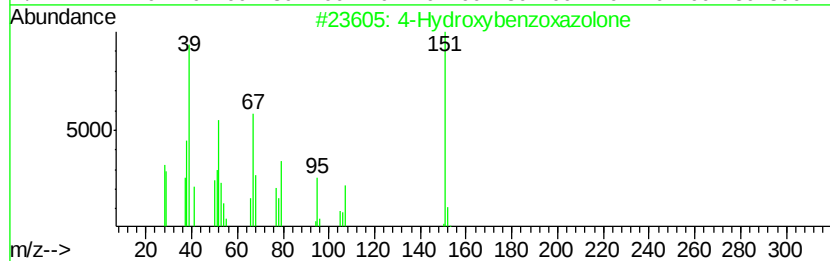
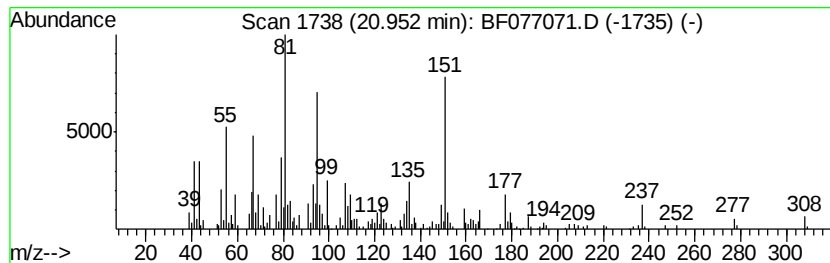
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown20.95 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	20.51 ng	469618	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Hydroxybenzoxazolone	151	C7H5NO3	028955-70-6	43
2		Cyclohexanol, 1-(4-fluorophenyl)...	278	C18H27FO	1000141-78-7	25
3		Phenol, 2,6-dimethyl-4-nitroso-	151	C8H9NO2	013331-93-6	20
4		Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	18
5		4-Phosphatricyclo[6.1.1.0(2,6)]d...	194	C12H19P	1000151-73-5	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077071.D
Acq On : 27 Jan 2015 3:40
Operator : TP/IZ
Sample : G1159-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-84(7-9)

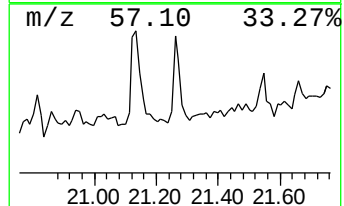
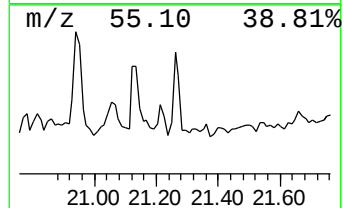
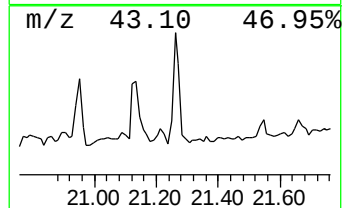
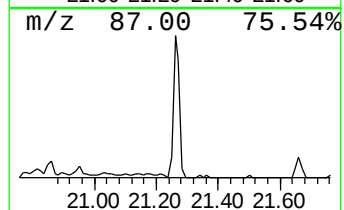
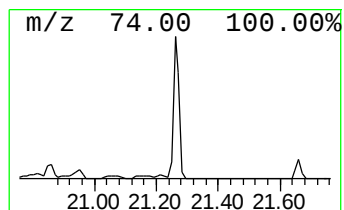
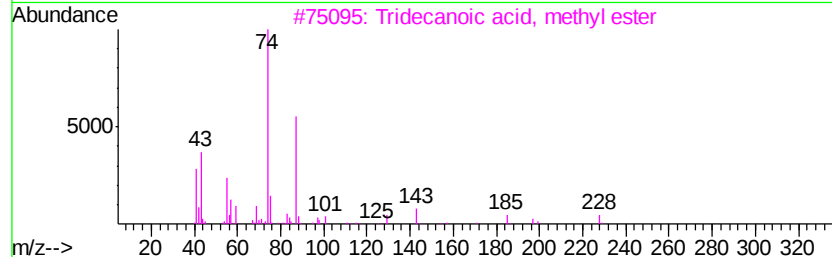
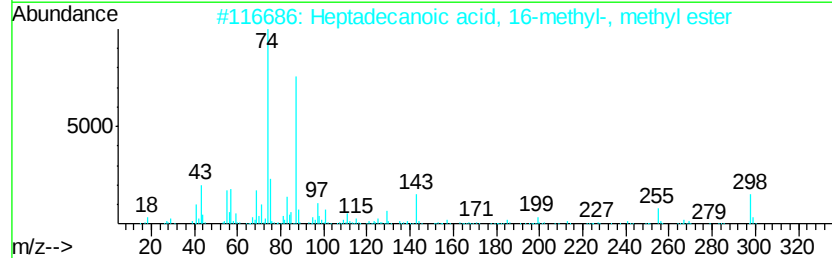
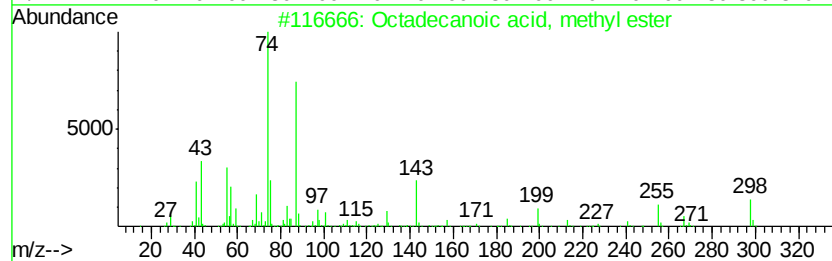
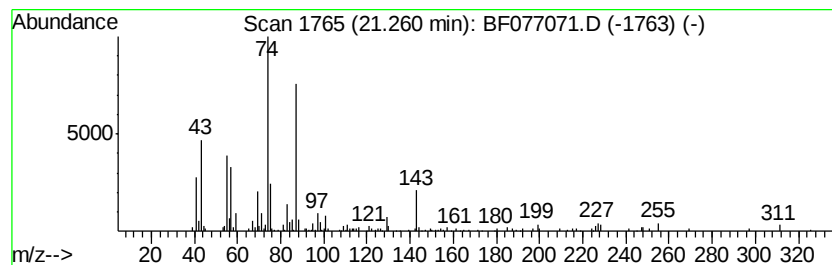
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecanoic acid, 16-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	10.16 ng	232626	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	91
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	83
5		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077071.D
Acq On : 27 Jan 2015 3:40
Operator : TP/IZ
Sample : G1159-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-84(7-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.26	7.26	30.1	ng	411326	1	7.77	273278	20.0
Tridecanoic acid,...	18.47	535.2	ng	5855010	4	17.64	218813	20.0
9,12-Octadecadien...	19.39	1939.1	ng	21214500	4	17.64	218813	20.0
10-Octadecenoic a...	19.42	561.8	ng	12861200	5	21.15	457837	20.0
Octadecanoic acid...	19.51	117.9	ng	2698840	5	21.15	457837	20.0
9-Hexadecenoic ac...	20.31	10.1	ng	230120	5	21.15	457837	20.0
Eicosanoic acid, ...	20.44	33.8	ng	772917	5	21.15	457837	20.0
unknown20.49	20.49	14.6	ng	335137	5	21.15	457837	20.0
unknown20.68	20.68	28.2	ng	645436	5	21.15	457837	20.0
unknown20.95	20.95	20.5	ng	469618	5	21.15	457837	20.0
Heptadecanoic aci...	21.26	10.2	ng	232626	5	21.15	457837	20.0