

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088406.D
 Acq On : 26 Jun 2016 7:29
 Operator : UM/SJ
 Sample : H3602-11
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q8-B1(0-5)C

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-BF060716.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	1.701	8	10	46	rVB	811307	1703361	8.61%	3.583%
2	5.141	309	311	339	rBV	1180439	1407256	7.11%	2.960%
3	6.227	403	406	413	rBV	1186525	1380206	6.97%	2.903%
4	6.330	413	415	433	rVB	1483966	1530854	7.74%	3.220%
5	6.559	433	435	445	rVB	406490	430598	2.18%	0.906%
6	6.719	447	449	451	rBV	868283	1158654	5.85%	2.437%
7	7.130	484	485	488	rBV	546651	828952	4.19%	1.743%
8	7.850	545	548	550	rBV	452111	568910	2.87%	1.197%
9	8.925	639	642	644	rBV	1763513	1635811	8.27%	3.440%
10	9.587	698	700	703	rVV	658171	615931	3.11%	1.295%
11	10.376	767	769	772	rBV	744730	807165	4.08%	1.698%
12	10.616	787	790	792	rBV	321656	354401	1.79%	0.745%
13	11.062	827	829	834	rBV	450616	550288	2.78%	1.157%
14	11.405	855	859	861	rBV	485886	751856	3.80%	1.581%
15	11.496	863	867	869	rBV	3758725	5805197	29.33%	12.209%
16	12.228	922	931	934	rBV3	4131588	19790577	100.00%	41.623%
17	12.285	934	936	938	rVV	2874202	3159238	15.96%	6.644%
18	12.502	952	955	957	rBV3	244034	313358	1.58%	0.659%
19	12.662	966	969	971	rVV	780808	1153092	5.83%	2.425%
20	12.742	974	976	981	rVV5	94391	289886	1.46%	0.610%
21	12.856	981	986	988	rVV4	197593	540619	2.73%	1.137%
22	12.902	988	990	995	rVV3	321910	739340	3.74%	1.555%
23	12.982	995	997	999	rVV2	239120	385572	1.95%	0.811%
24	13.062	1002	1004	1006	rVV2	148128	306903	1.55%	0.645%
25	13.416	1032	1035	1039	rVB2	141970	242568	1.23%	0.510%
26	13.691	1057	1059	1066	rVV	348561	491133	2.48%	1.033%
27	15.051	1176	1178	1183	rVB	253967	373092	1.89%	0.785%
28	15.588	1223	1225	1231	rVB3	96744	231860	1.17%	0.488%

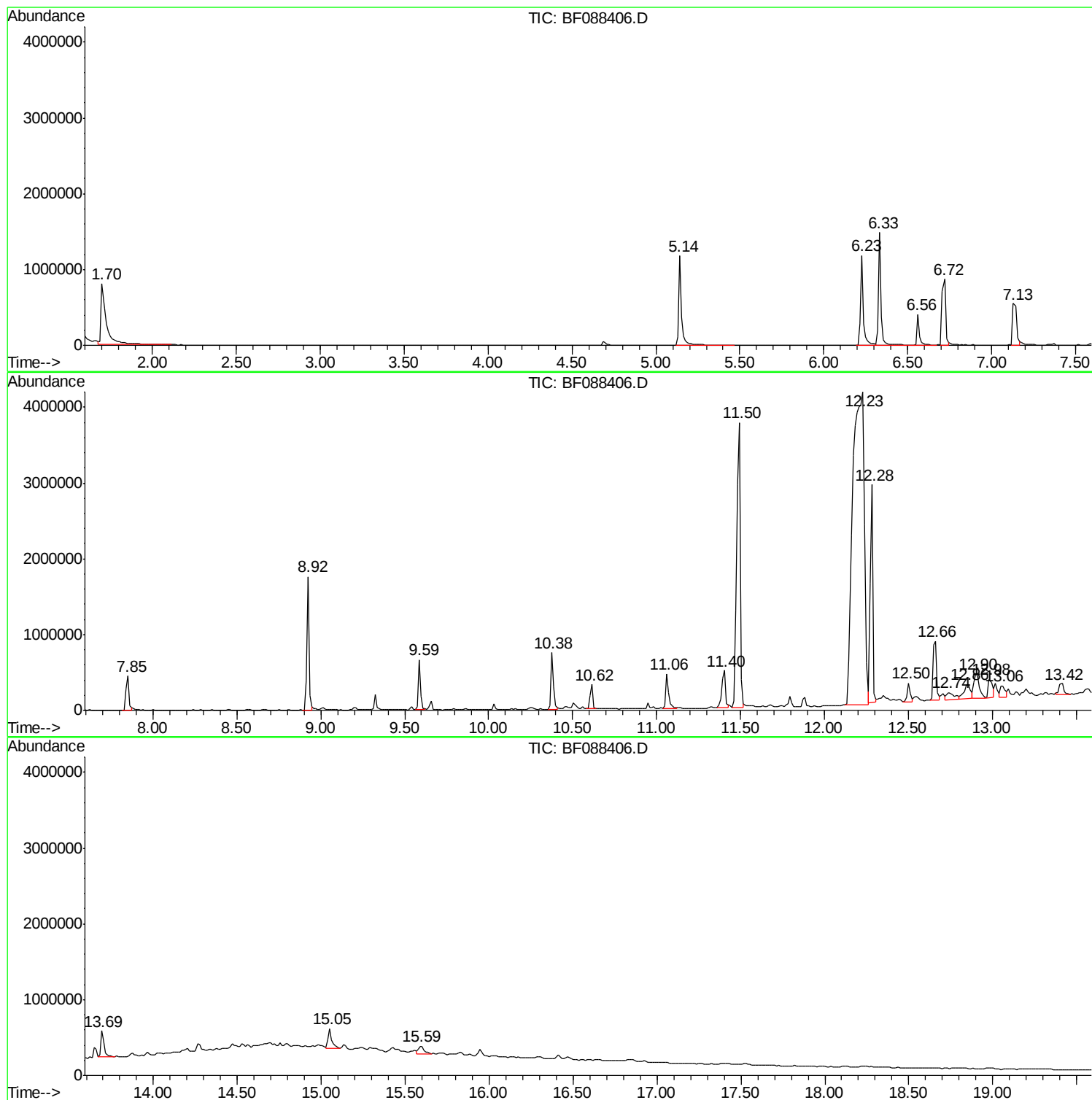
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Q8-B1(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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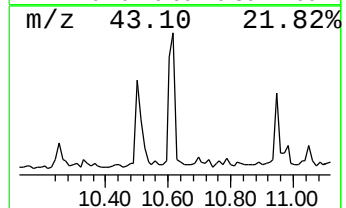
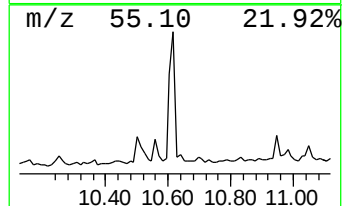
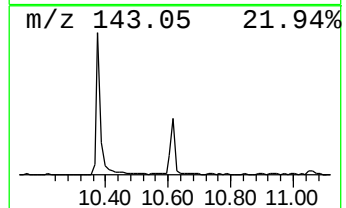
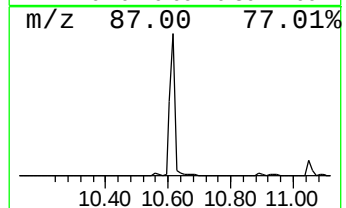
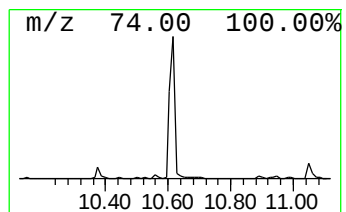
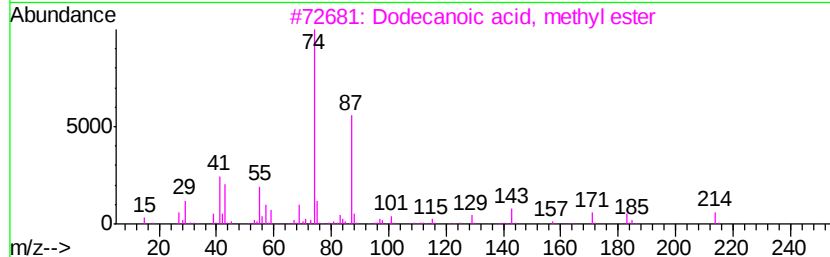
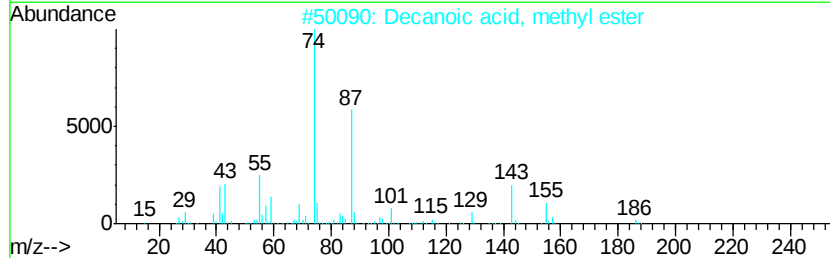
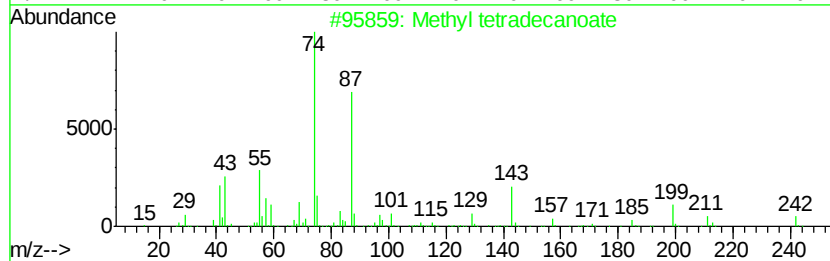
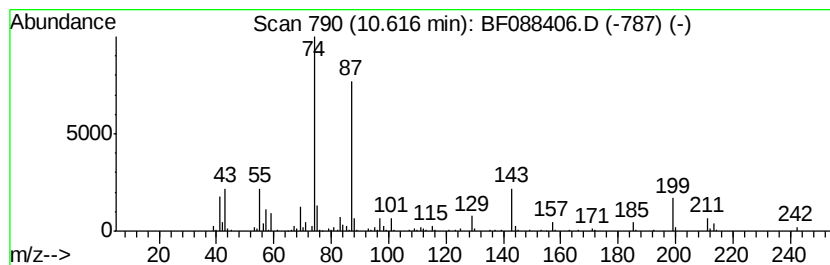
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Methyl tetradecanoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	12.88 ng	354401	Phenanthrene-d10	11.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	72
3		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	64
4		Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	64
5		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	50



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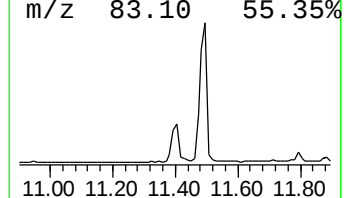
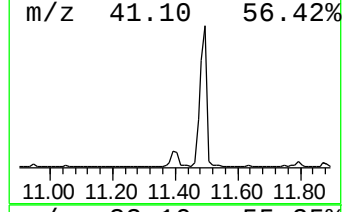
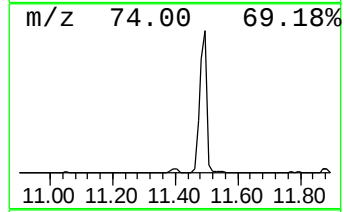
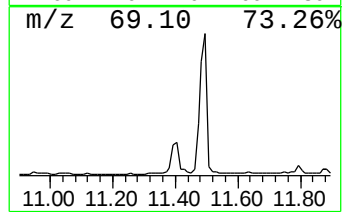
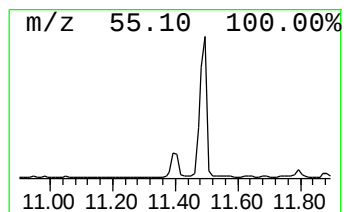
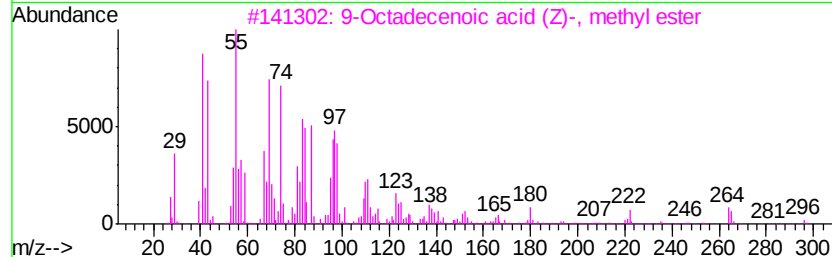
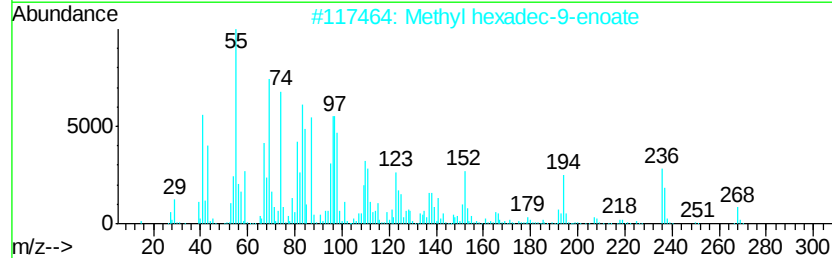
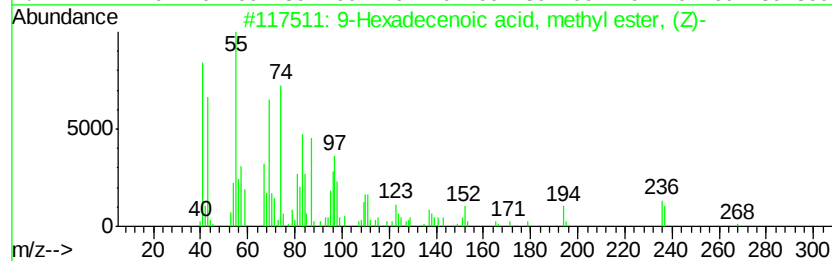
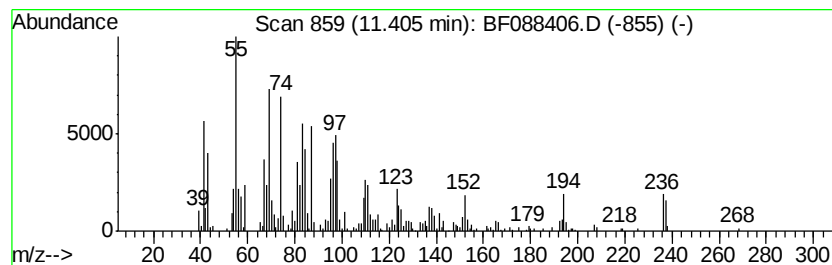
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Peak Number 5 9-Hexadecenoic acid, methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	27.33 ng	751856	Phenanthrene-d10	11.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2		Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	94
3		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
4		Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	70
5		Palmitoleic acid	254	C16H30O2	000373-49-9	62



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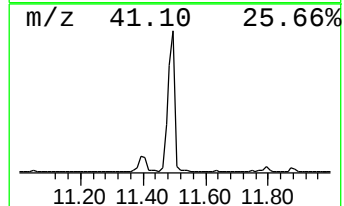
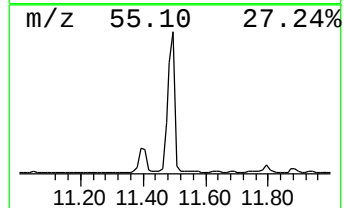
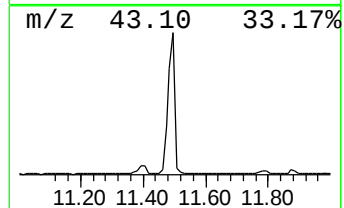
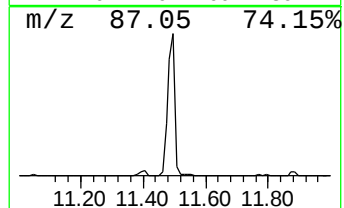
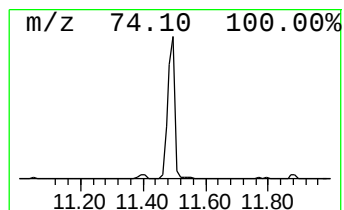
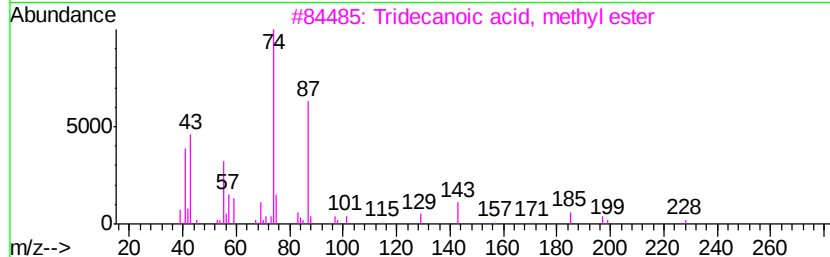
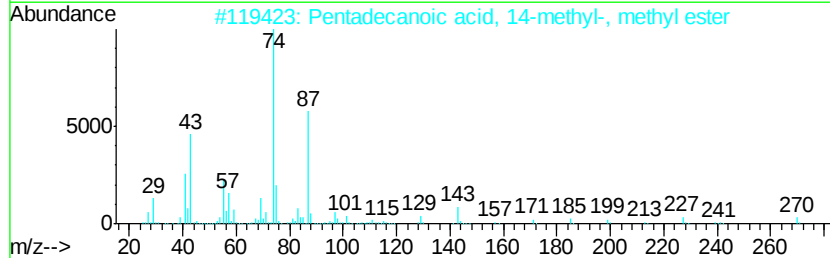
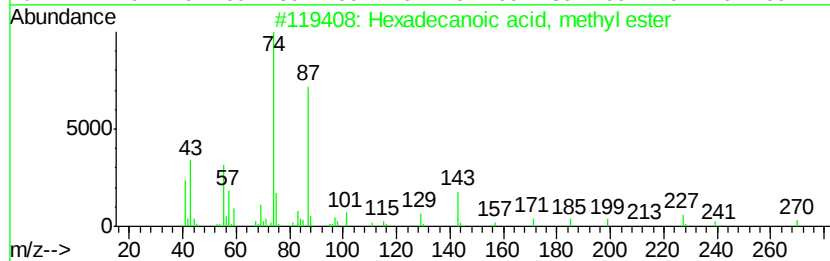
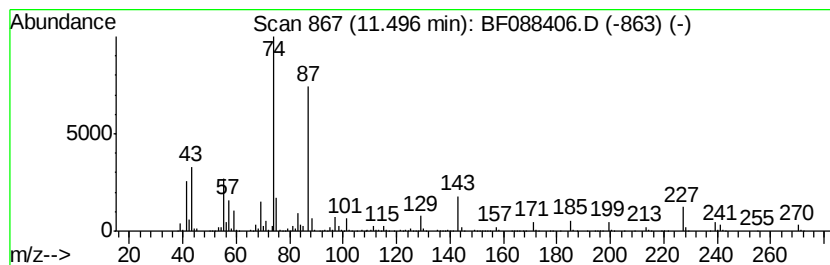
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Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	210.99 ng	5805200	Phenanthrene-d10	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



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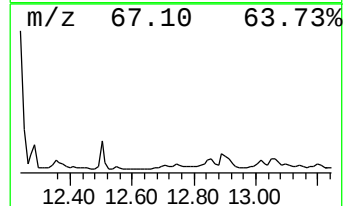
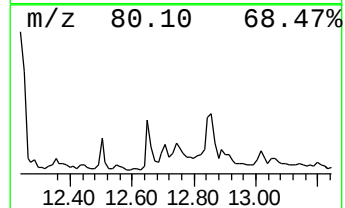
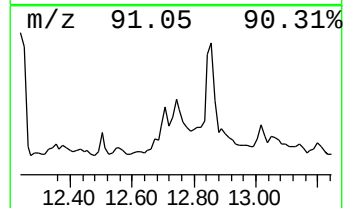
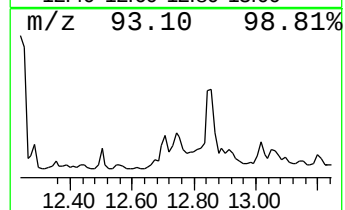
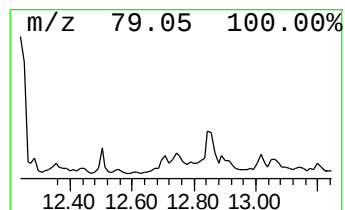
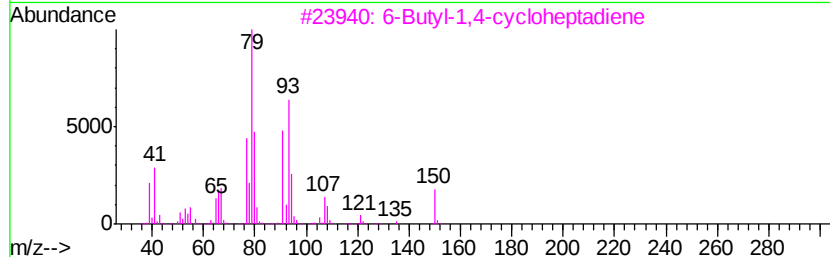
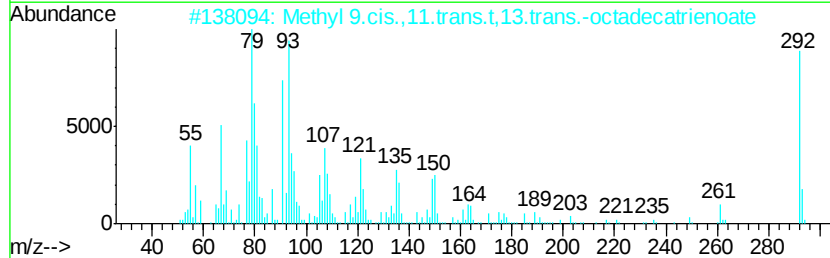
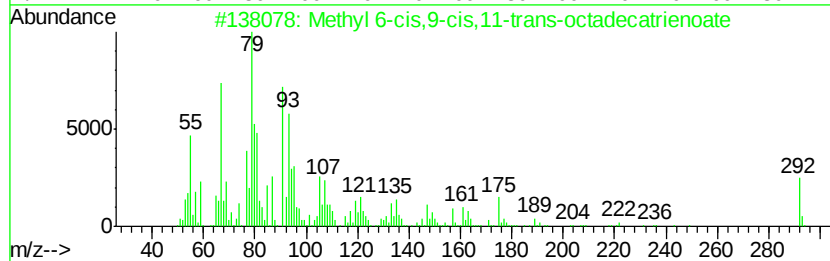
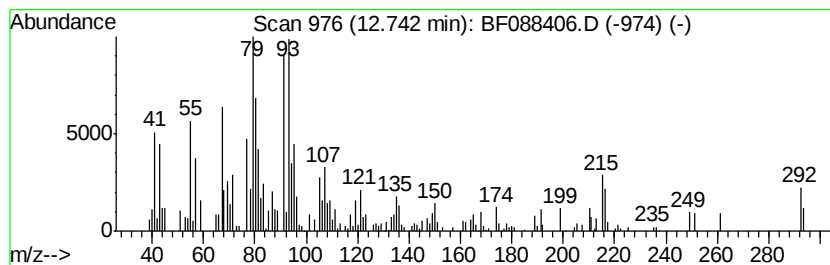
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Peak Number 7 Methyl 6-cis,9-cis,11-trans... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	11.80 ng	289886	Chrysene-d12	13.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	86
2		Methyl 9-cis,11-trans,13-trans...	292	C19H32O2	1000336-42-6	76
3		6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	64
4		6,9,12-Octadecatrienoic acid, me...	292	C19H32O2	002676-41-7	62
5		9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	53



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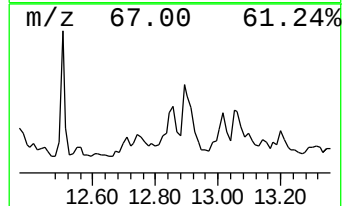
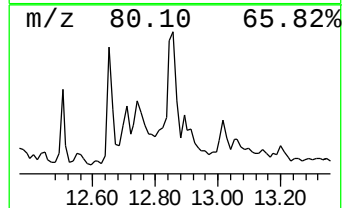
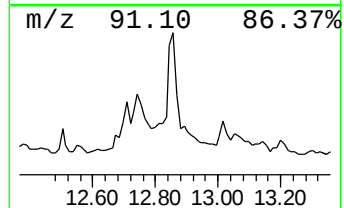
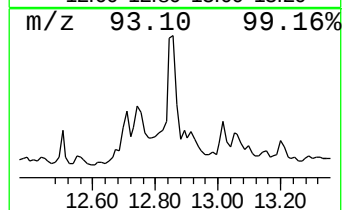
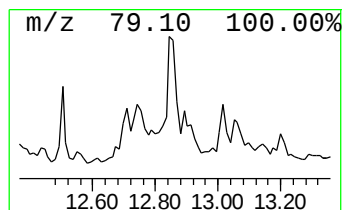
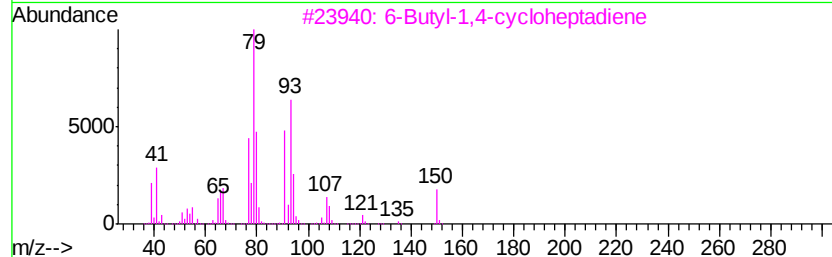
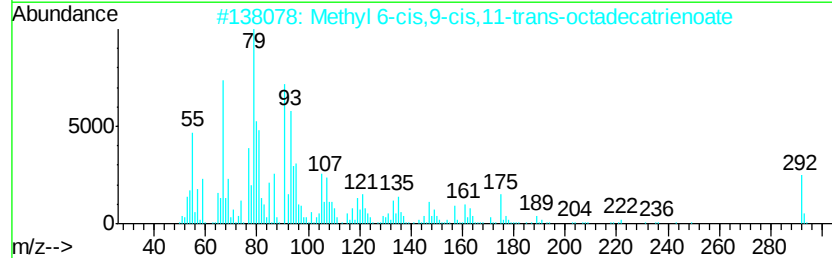
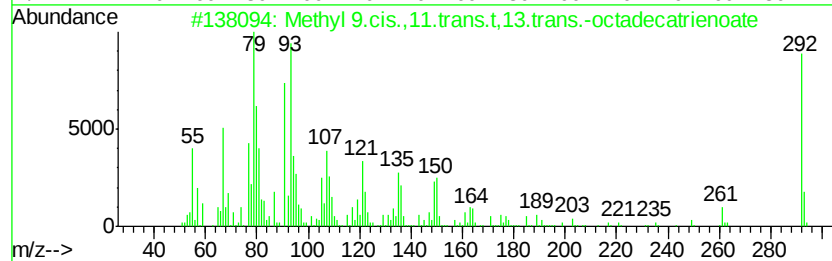
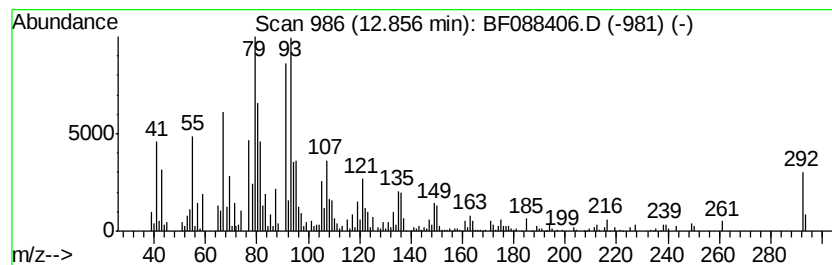
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Peak Number 8 Methyl 9.cis.,11.trans.t,13... Concentration Rank 7

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12.86	22.02 ng	540619	Chrysene-d12	13.69		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl	9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	99
2	Methyl	6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	83
3	6-Butyl	1,4-cycloheptadiene	150	C11H18	022735-58-6	70
4	Bicyclo[2.2.1]	heptane, 7,7-dimet...	136	C10H16	000471-84-1	68
5	3-Tridecen	1-yne, (Z)-	178	C13H22	037981-62-7	64



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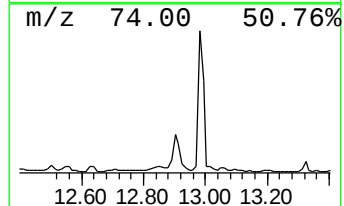
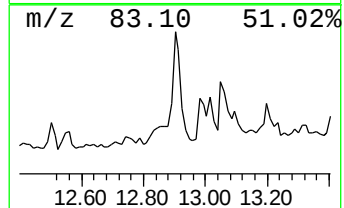
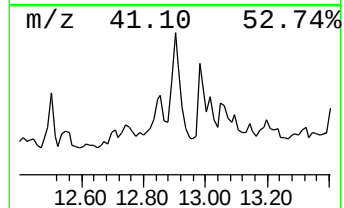
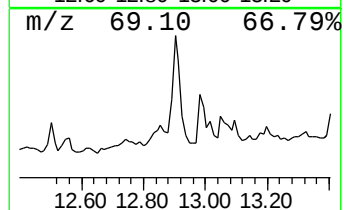
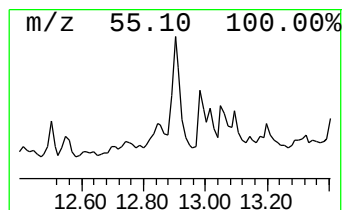
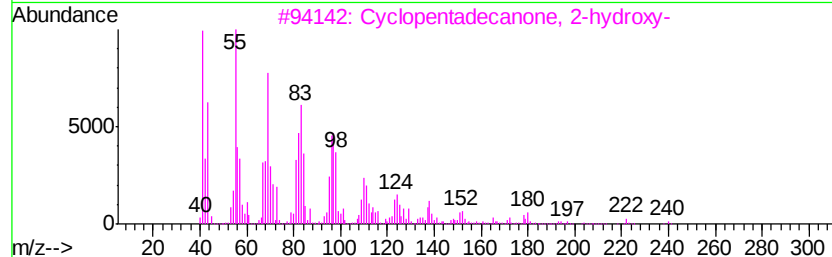
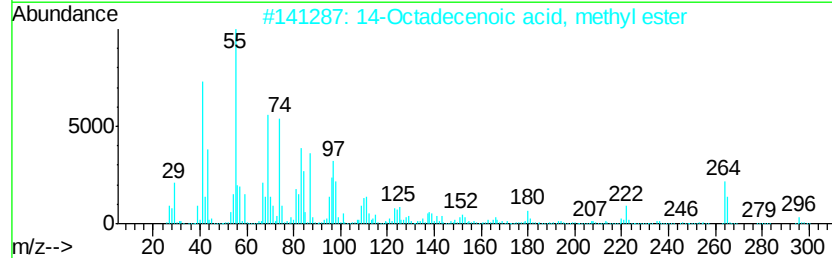
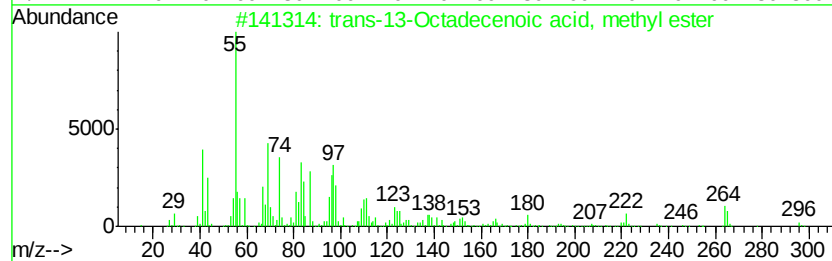
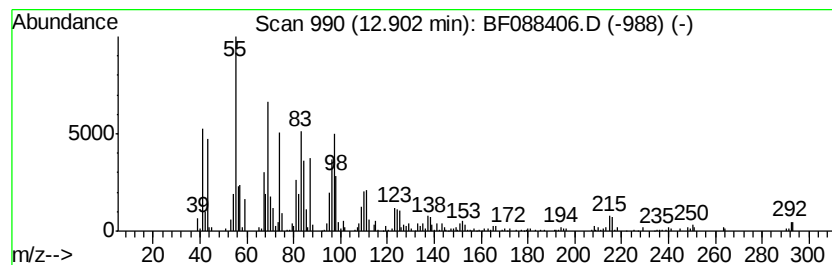
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 trans-13-Octadecenoic acid,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	30.11 ng	739340	Chrysene-d12	13.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
3		Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	89
4		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87
5		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088406.D
Acq On : 26 Jun 2016 7:29
Operator : UM/SJ
Sample : H3602-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

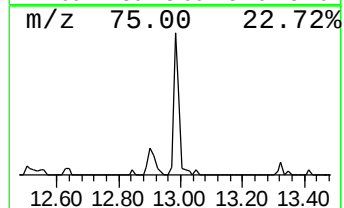
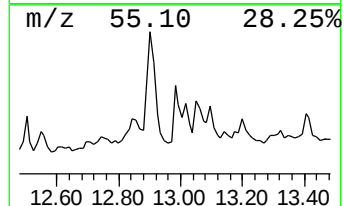
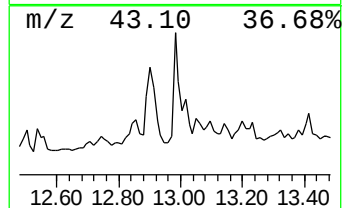
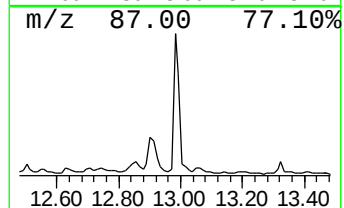
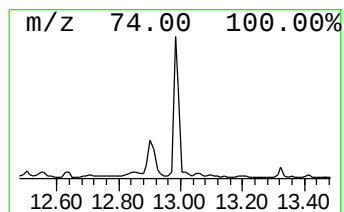
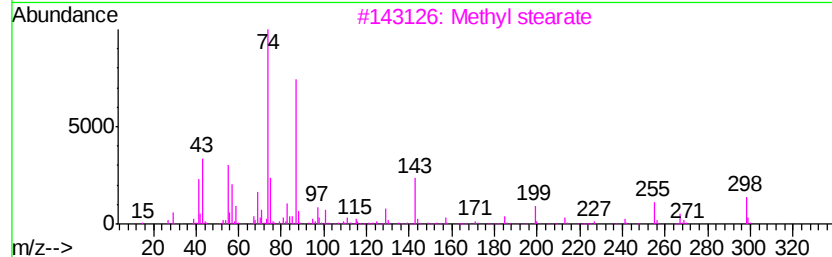
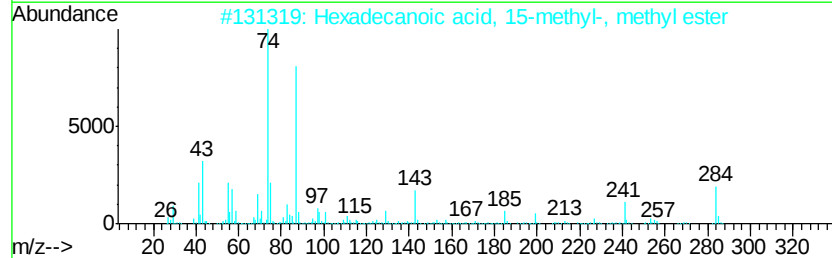
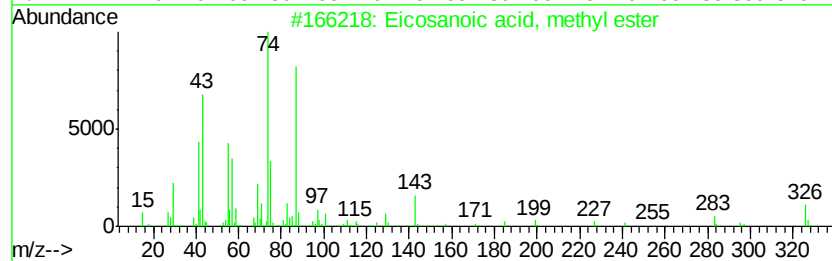
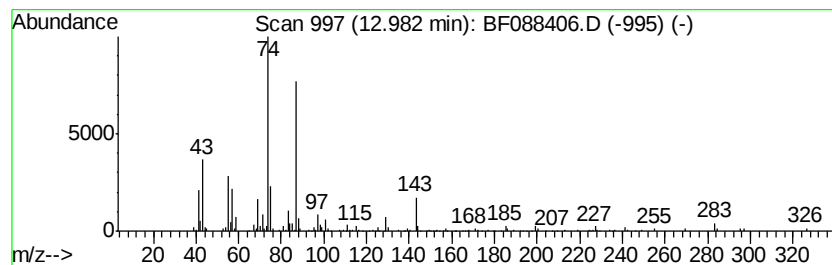
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosanoic acid, methyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	15.70 ng	385572	Chrysene-d12	13.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
3		Methyl stearate	298	C19H38O2	000112-61-8	90
4		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
5		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088406.D
Acq On : 26 Jun 2016 7:29
Operator : UM/SJ
Sample : H3602-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
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ClientSampleId :
Q8-B1(0-5)C

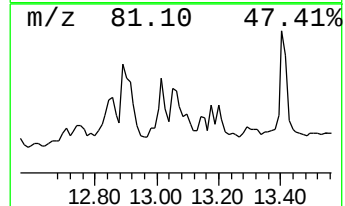
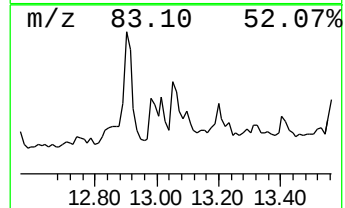
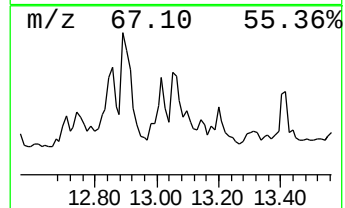
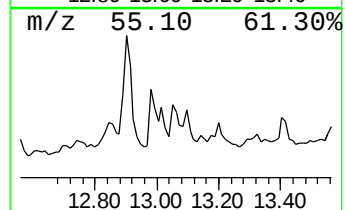
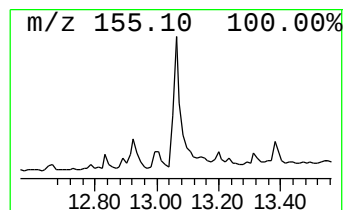
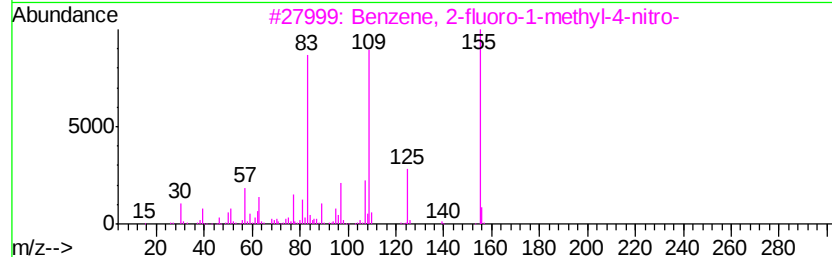
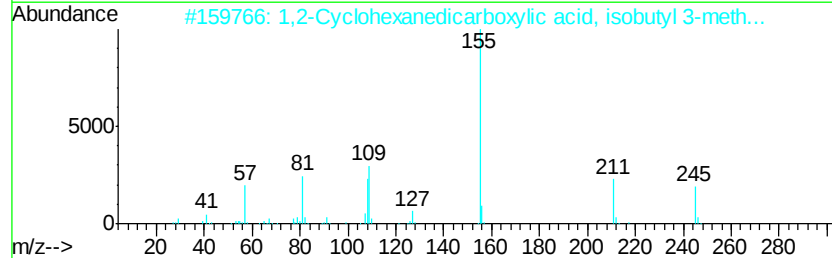
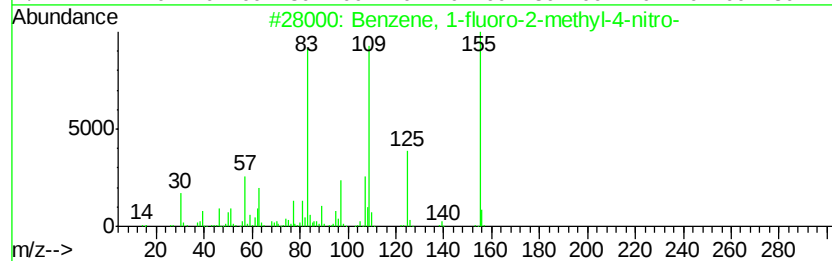
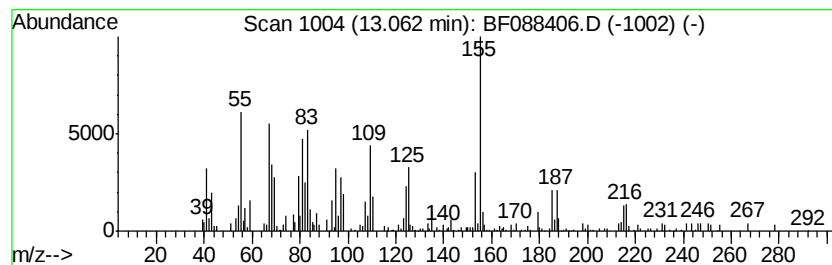
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	12.50 ng	306903	Chrysene-d12	13.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-fluoro-2-methyl-4-nitro-	155	C7H6FN02	000455-88-9	43
2		1,2-Cyclohexanedicarboxylic acid...	318	C19H26O4	1000339-82-9	38
3		Benzene, 2-fluoro-1-methyl-4-nitro-	155	C7H6FN02	001427-07-2	38
4		4-Fluoro-3-nitrotoluene	155	C7H6FN02	000446-11-7	38
5		Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088406.D
Acq On : 26 Jun 2016 7:29
Operator : UM/SJ
Sample : H3602-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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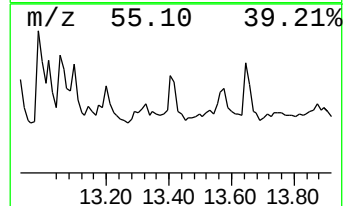
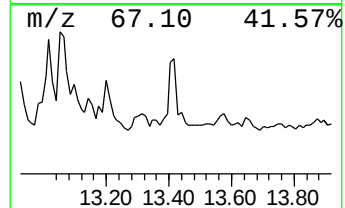
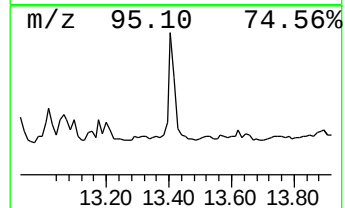
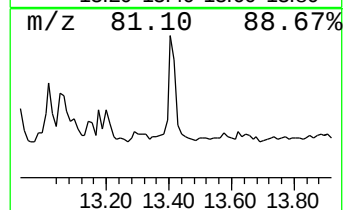
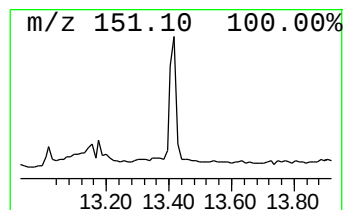
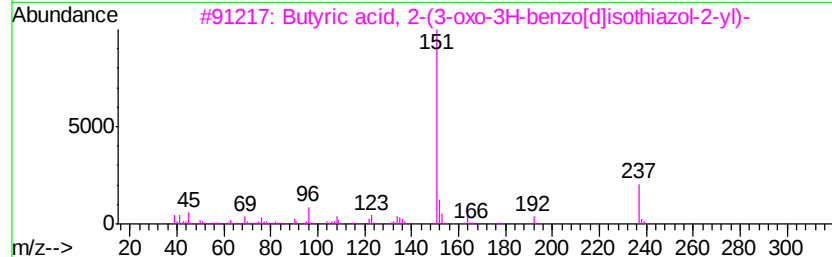
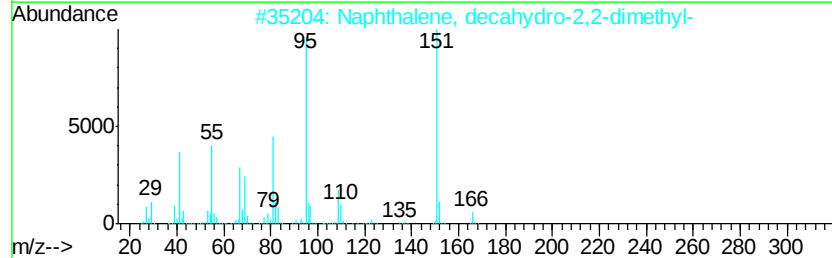
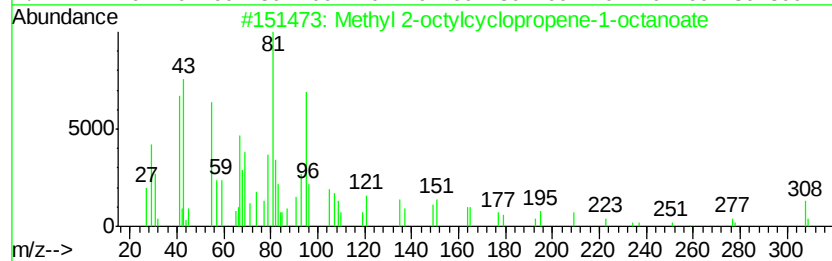
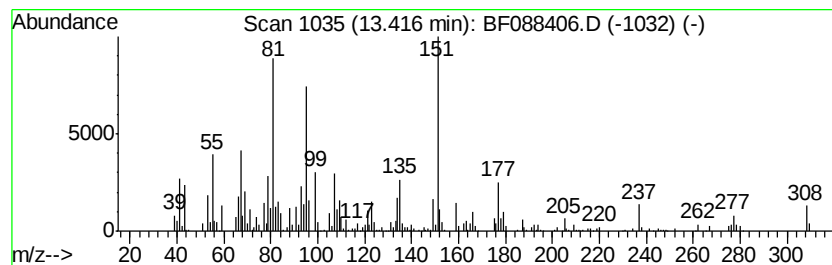
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Methyl 2-octylcyclopropene-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	9.88 ng	242568	Chrysene-d12	13.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	64
2		Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	35
3		Butyric acid, 2-(3-oxo-3H-benzo[...	237	C11H11NO3S	1000316-00-8	25
4		2',4'-Dihydroxy-3'-methylacetoph...	166	C9H10O3	010139-84-1	25
5		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088406.D
Acq On : 26 Jun 2016 7:29
Operator : UM/SJ
Sample : H3602-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

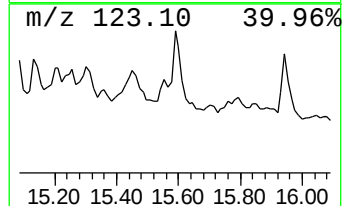
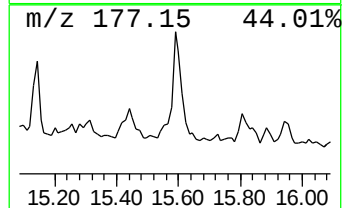
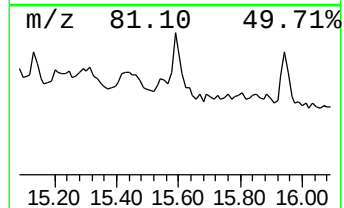
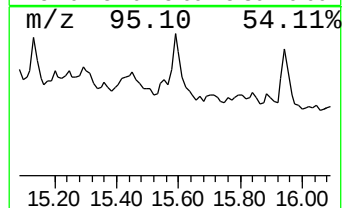
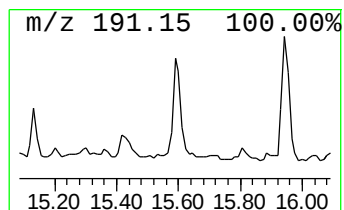
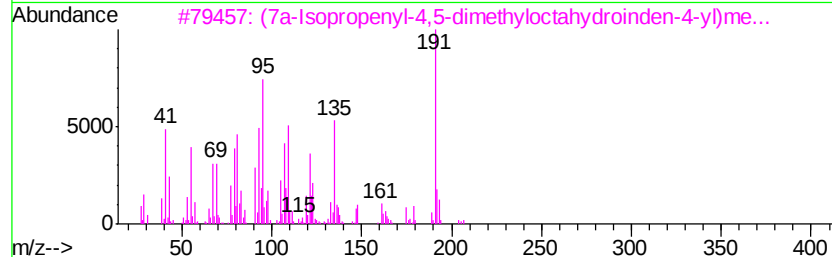
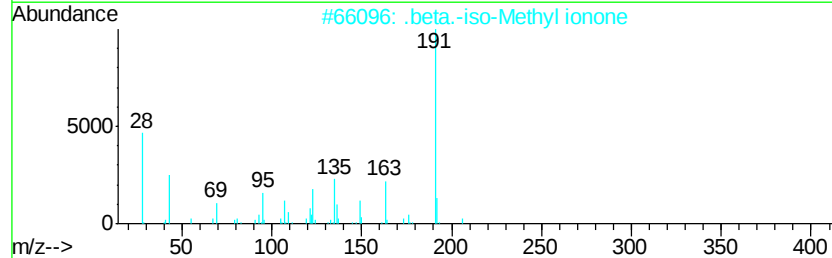
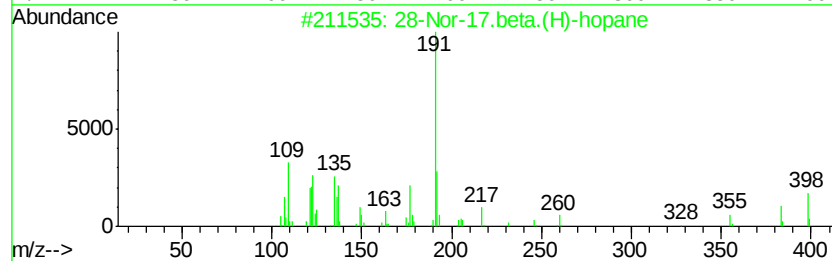
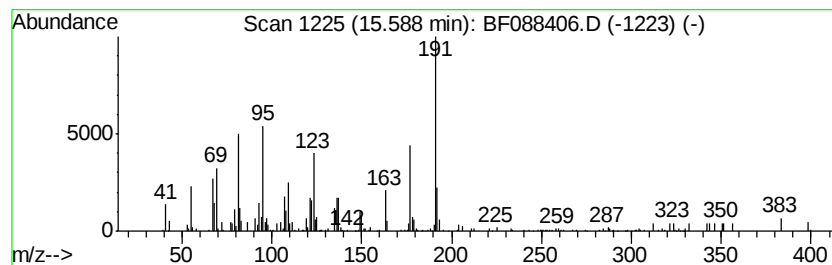
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ClientSampleId :
Q8-B1(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 28-Nor-17.beta.(H)-hopane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	12.43 ng	231860	Perylene-d12	15.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0	64
2	.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2	38
3	(7a-Isopropenyl-4,5-dimethyl-octa...	222 C15H26O	1000187-02-9	38
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4	35
5	4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342 C15H18N8S	1000276-08-2	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088406.D
Acq On : 26 Jun 2016 7:29
Operator : UM/SJ
Sample : H3602-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
Methyl tetradecan...	10.62	12.9	ng	354401	4	11.06	550288	20.0
9-Hexadecenoic ac...	11.40	27.3	ng	751856	4	11.06	550288	20.0
Hexadecanoic acid...	11.50	211.0	ng	5805200	4	11.06	550288	20.0
Methyl 6-cis,9-ci...	12.74	11.8	ng	289886	5	13.69	491133	20.0
Methyl 9.cis.,11...	12.86	22.0	ng	540619	5	13.69	491133	20.0
trans-13-Octadece...	12.90	30.1	ng	739340	5	13.69	491133	20.0
Eicosanoic acid, ...	12.98	15.7	ng	385572	5	13.69	491133	20.0
unknown13.06	13.06	12.5	ng	306903	5	13.69	491133	20.0
Methyl 2-octylcyc...	13.42	9.9	ng	242568	5	13.69	491133	20.0
28-Nor-17.beta.(H...	15.59	12.4	ng	231860	6	15.05	373092	20.0