

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089373.D
 Acq On : 28 Jul 2016 20:18
 Operator : UM/SJ
 Sample : H4200-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1606304499

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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	1.678	7	8	58	rVB	1282301	2876791	100.00%	35.236%
2	4.616	263	265	275	rBV	15624	32555	1.13%	0.399%
3	5.096	305	307	333	rBV	86080	226235	7.86%	2.771%
4	6.182	400	402	410	rBV	125591	268147	9.32%	3.284%
5	6.285	410	411	425	rVB	211984	331041	11.51%	4.055%
6	6.525	430	432	438	rBV	182159	225414	7.84%	2.761%
7	6.673	443	445	459	rVB	192005	260161	9.04%	3.187%
8	7.096	481	482	489	rBV	110510	175539	6.10%	2.150%
9	7.805	542	544	562	rBV	222262	357684	12.43%	4.381%
10	8.890	636	639	643	rBV	393344	415038	14.43%	5.084%
11	9.291	672	674	676	rBV	33793	30363	1.06%	0.372%
12	9.553	695	697	700	rBV	453874	428473	14.89%	5.248%
13	9.771	714	716	718	rBV	66153	52753	1.83%	0.646%
14	10.342	764	766	771	rBV	140439	211967	7.37%	2.596%
15	10.571	784	786	787	rVV	27800	31767	1.10%	0.389%
16	10.925	815	817	822	rVB	14857	28936	1.01%	0.354%
17	11.028	823	826	832	rBV	378973	410048	14.25%	5.022%
18	11.428	856	861	862	rBV2	27789	35704	1.24%	0.437%
19	11.588	873	875	879	rBV2	93468	120604	4.19%	1.477%
20	12.297	932	937	939	rBV2	31851	73716	2.56%	0.903%
21	12.605	962	964	973	rVB	423019	403007	14.01%	4.936%
22	13.097	1005	1007	1013	rVB	77124	118178	4.11%	1.447%
23	13.531	1041	1045	1052	rBV	18789	37286	1.30%	0.457%
24	13.645	1052	1055	1062	rVV	276426	302960	10.53%	3.711%
25	14.411	1119	1122	1128	rBV	244623	256031	8.90%	3.136%
26	14.983	1169	1172	1180	rBV	145441	227305	7.90%	2.784%
27	16.286	1283	1286	1298	rVB2	18503	52895	1.84%	0.648%
28	16.606	1309	1314	1321	rBV2	31829	91323	3.17%	1.119%
29	18.011	1431	1437	1445	rBV	15998	47391	1.65%	0.580%
30	18.217	1448	1455	1461	rVB3	11195	35096	1.22%	0.430%

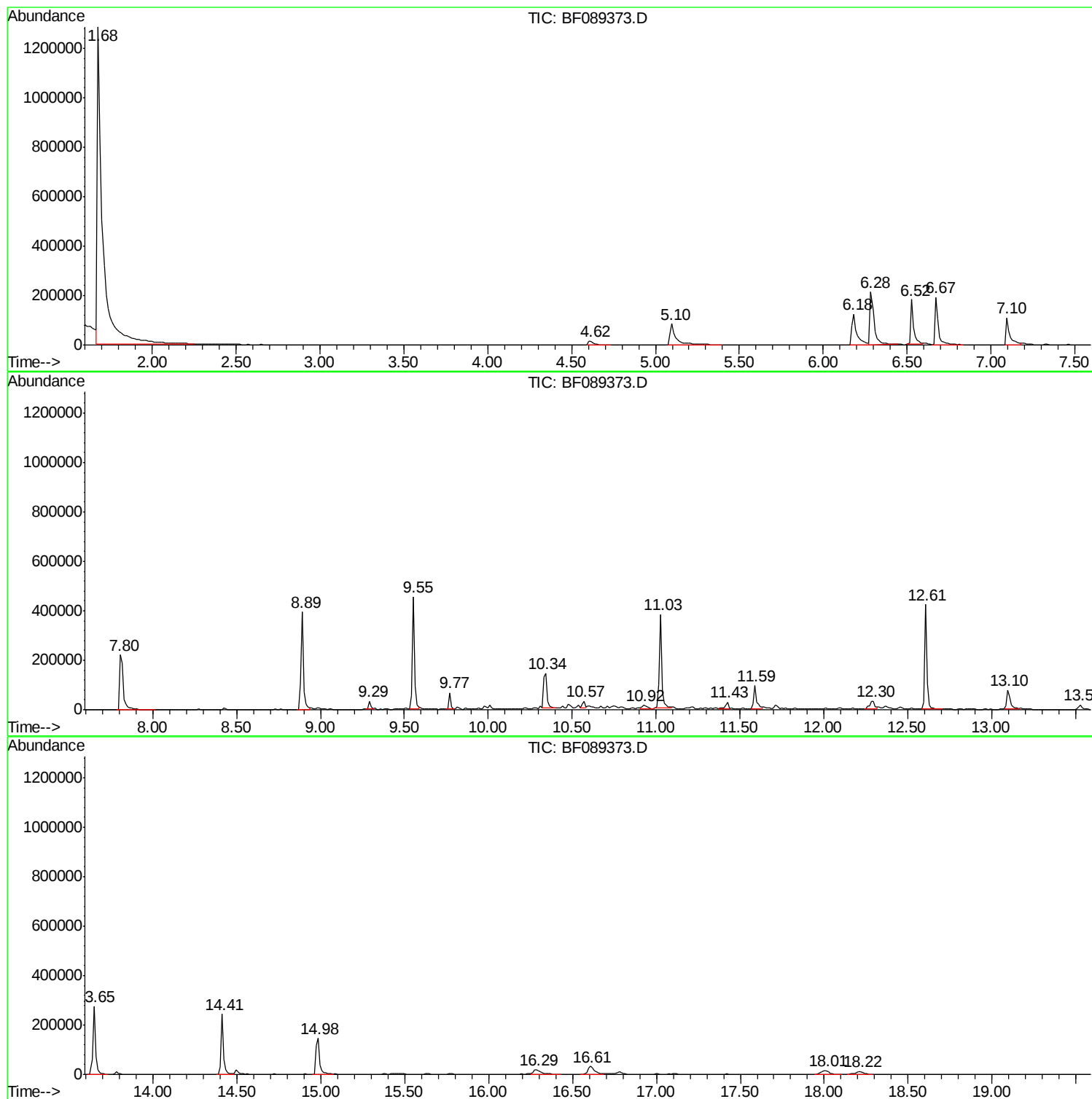
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1606304499

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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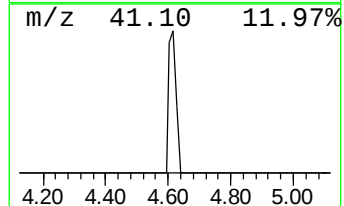
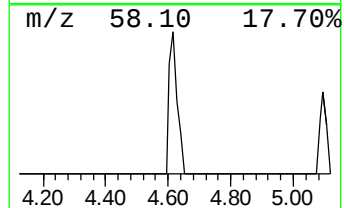
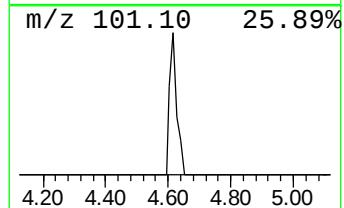
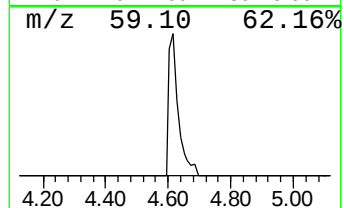
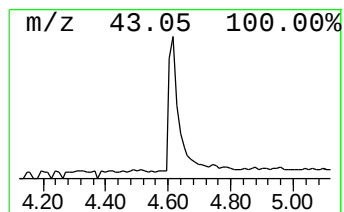
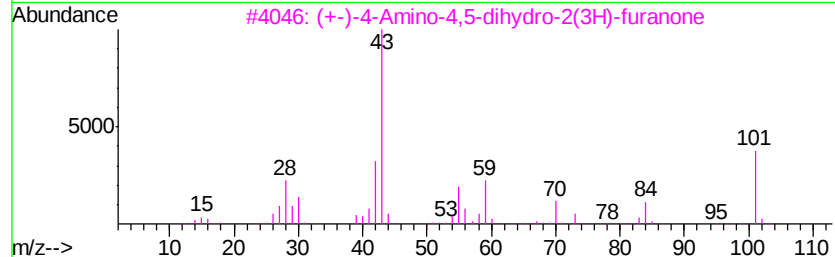
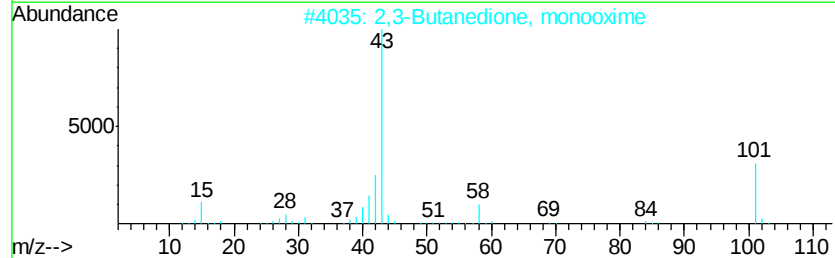
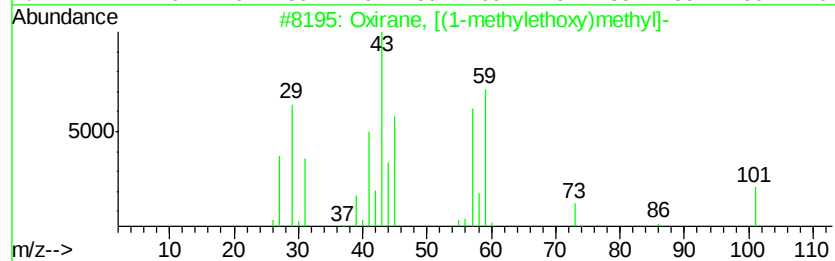
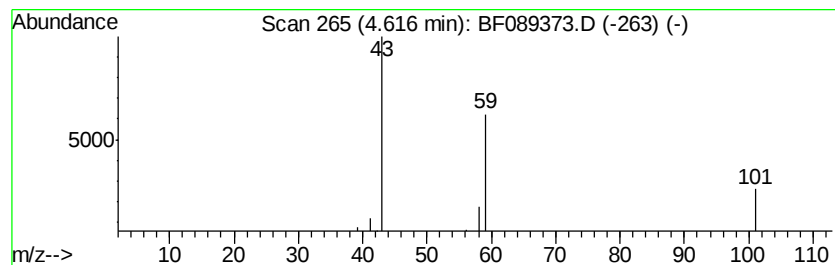
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Oxirane, [(1-methylethoxy)m... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	2.89 ng	32555	1,4-Dichlorobenzene-d4	6.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	5
3		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	5
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5
5		Acetone	58	C3H6O	000067-64-1	5



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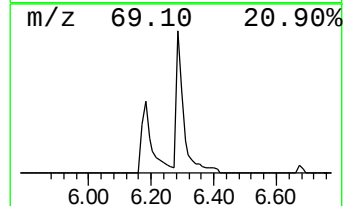
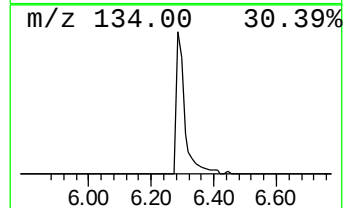
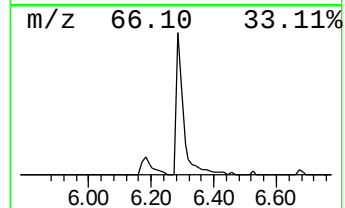
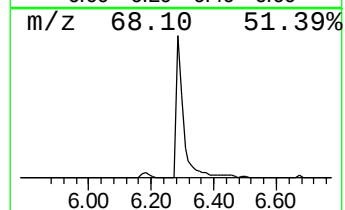
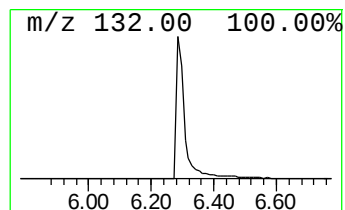
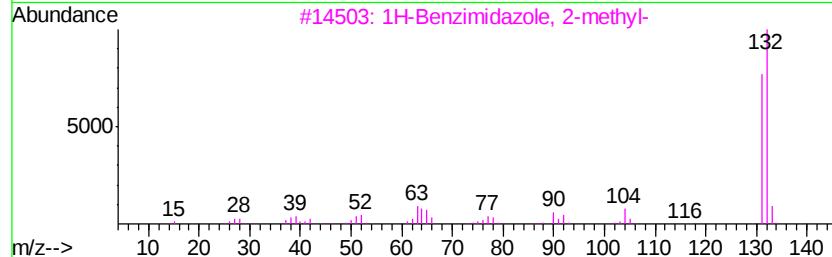
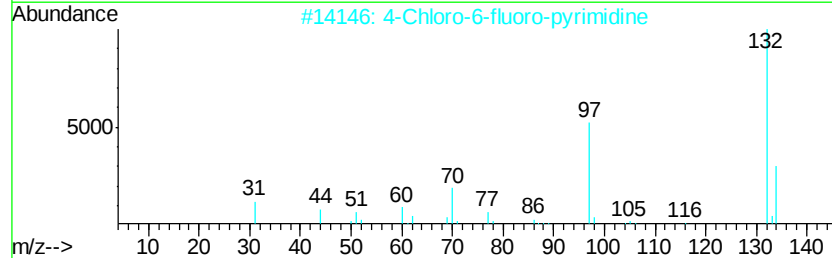
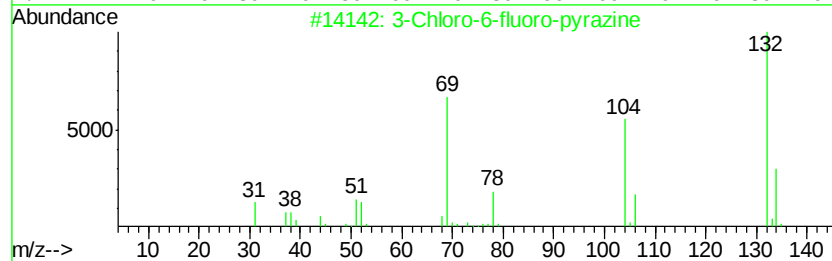
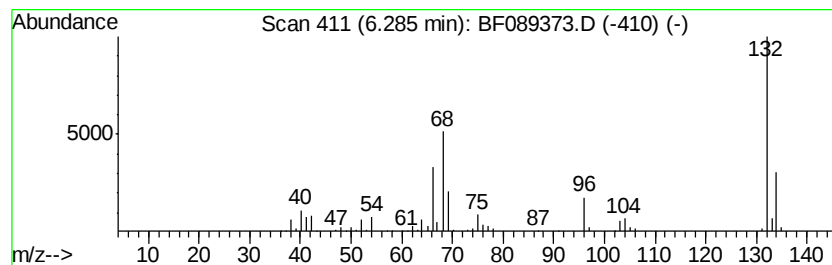
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Peak Number 3 unknown6.28 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	29.37 ng	331041	1,4-Dichlorobenzene-d4	6.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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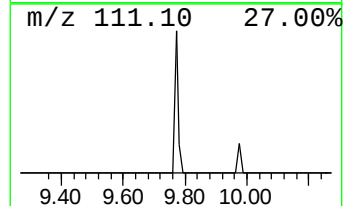
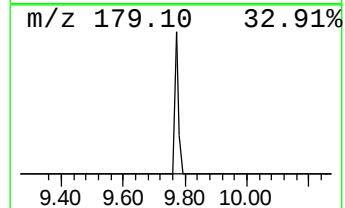
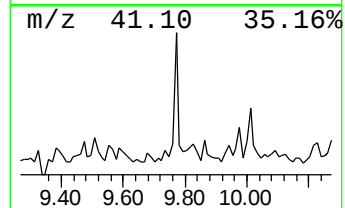
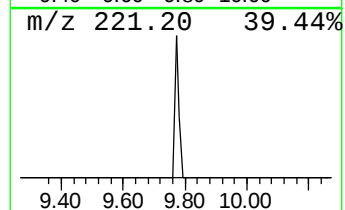
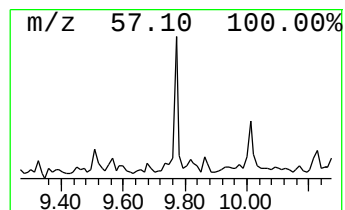
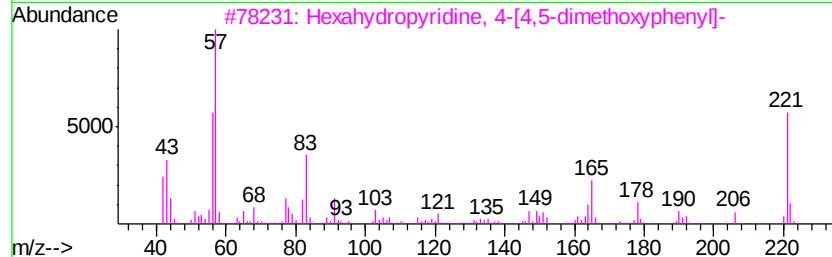
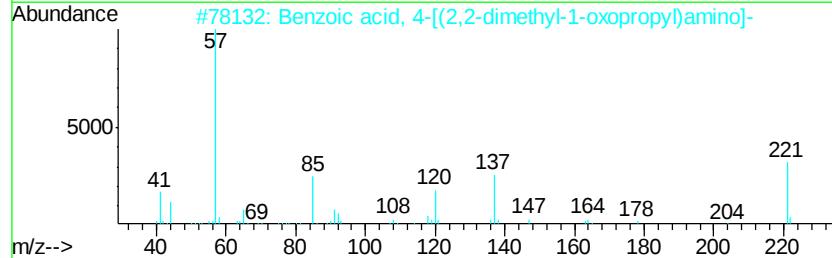
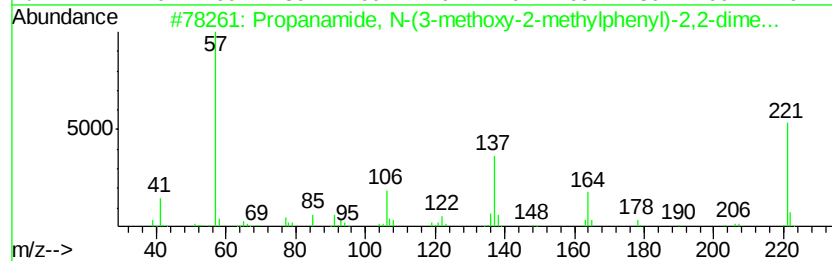
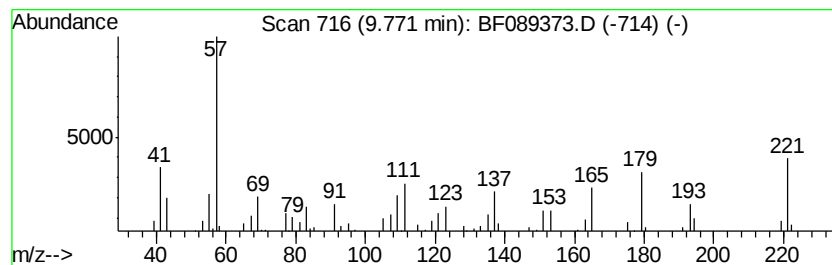
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Peak Number 5 unknown9.77 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.46 ng	52753	Acenaphthene-d10	9.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanamide, N-(3-methoxy-2-meth...	221	C13H19N02	1000221-47-2	30
2		Benzoic acid, 4-[(2,2-dimethyl-1...	221	C12H15N03	056619-97-7	22
3		Hexahydropyridine, 4-[4,5-dimeth...	221	C13H19N02	042434-76-4	9
4		3-(6,6-Dimethyl-5-oxohept-2-enyl...	236	C15H24O2	083040-95-3	9
5		Benzoic acid, 3-[(2,2-dimethyl-1...	221	C12H15N03	056619-96-6	9



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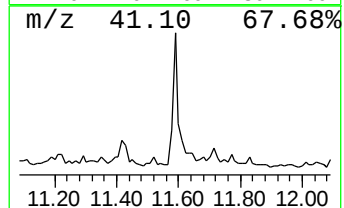
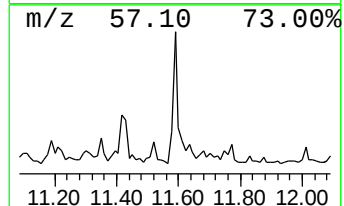
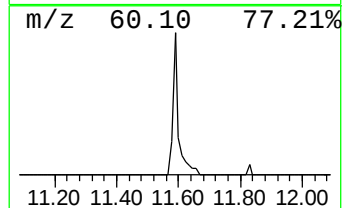
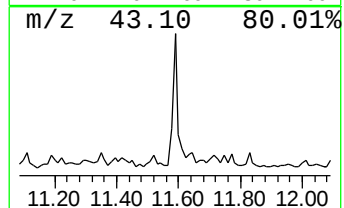
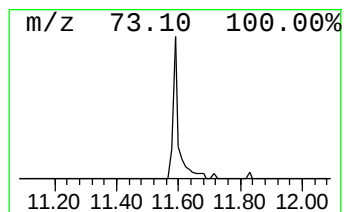
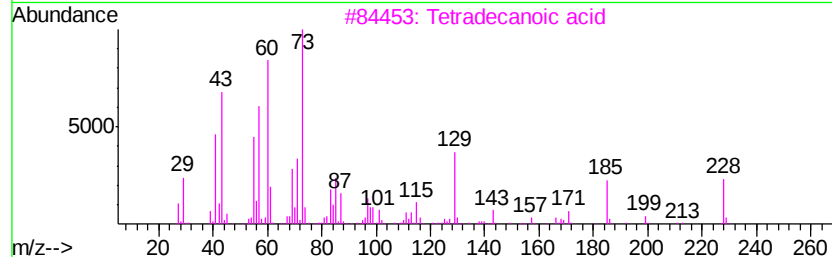
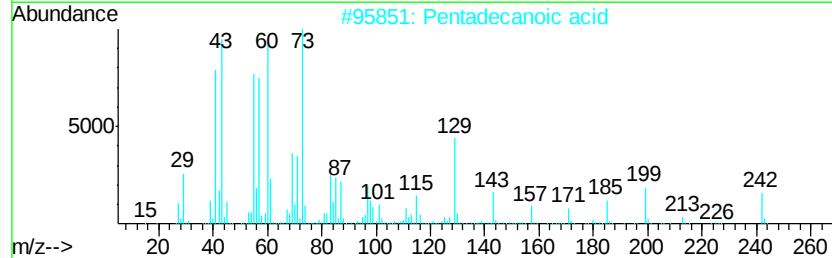
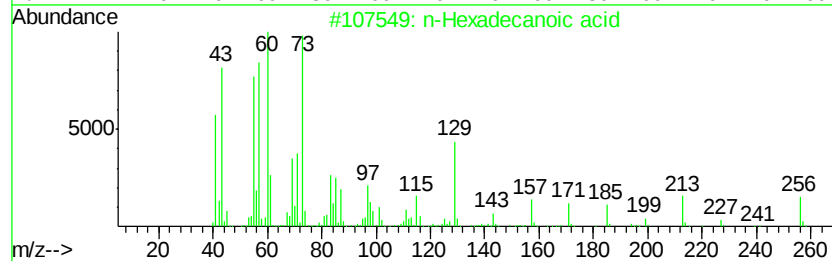
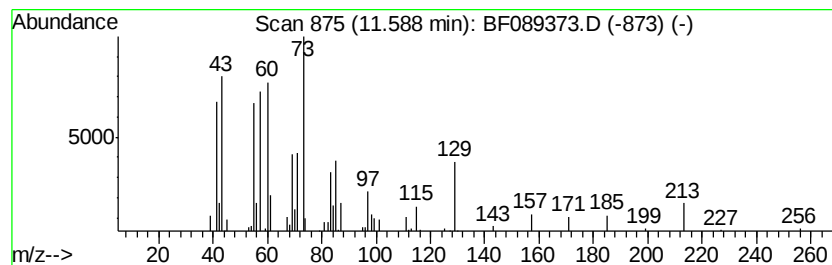
Instrument :
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.59	5.88 ng	120604	Phenanthrene-d10	11.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	30
5	Oxalic acid, isobutyl undecyl ester	300	C17H32O4	1000309-37-6	25



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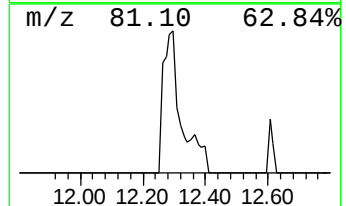
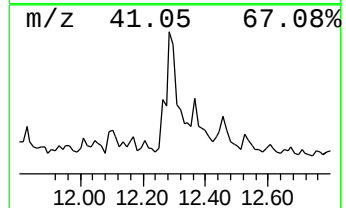
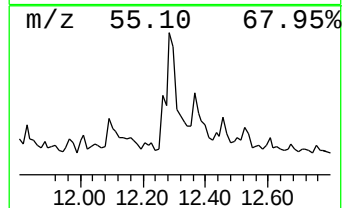
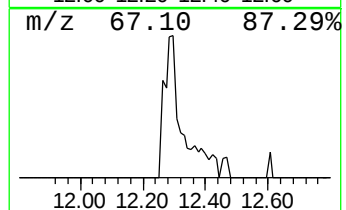
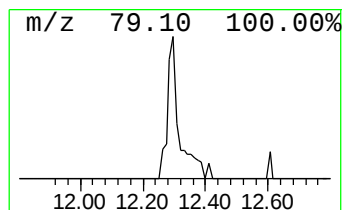
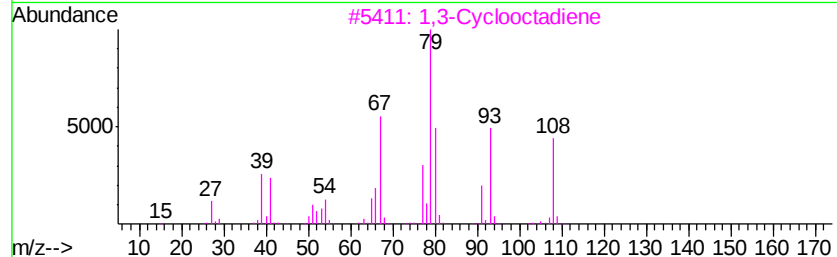
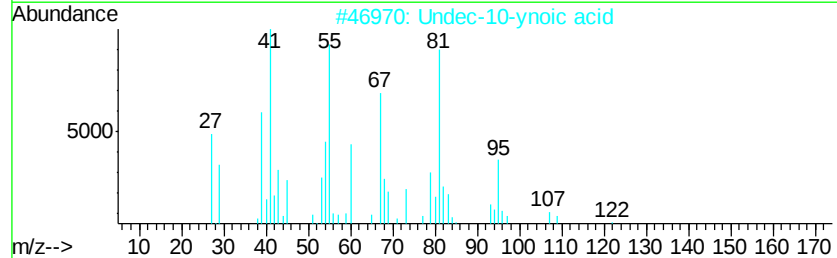
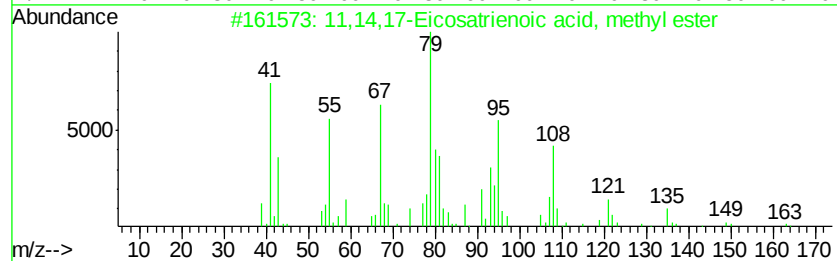
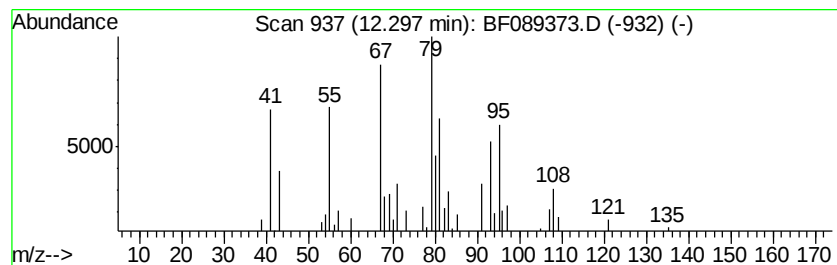
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Peak Number 7 11,14,17-Eicosatrienoic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.60 ng	73716	Phenanthrene-d10	11.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11,14,17-Eicosatrienoic acid, me...	320	C21H36O2	055682-88-7	50
2		Undec-10-ynoic acid	182	C11H18O2	002777-65-3	47
3		1,3-Cyclooctadiene	108	C8H12	001700-10-3	43
4		Bicyclo[3.2.0]heptane, 6-methylene-	108	C8H12	003642-22-6	38
5		2,7-Octadien-1-ol	126	C8H14O	023578-51-0	38



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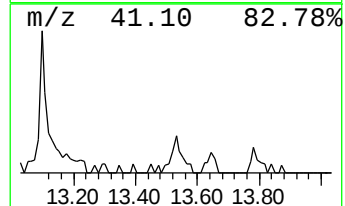
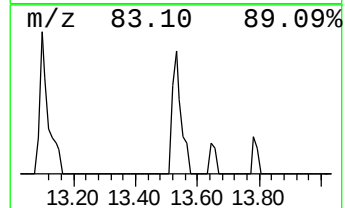
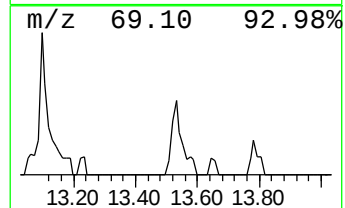
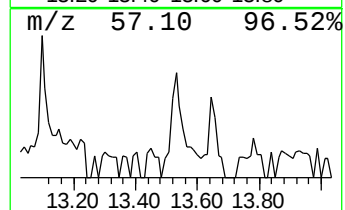
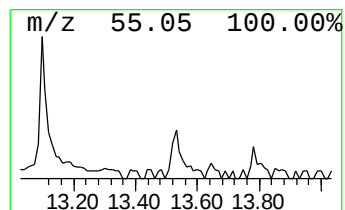
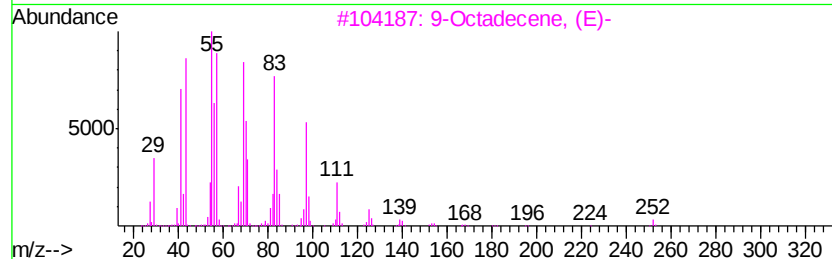
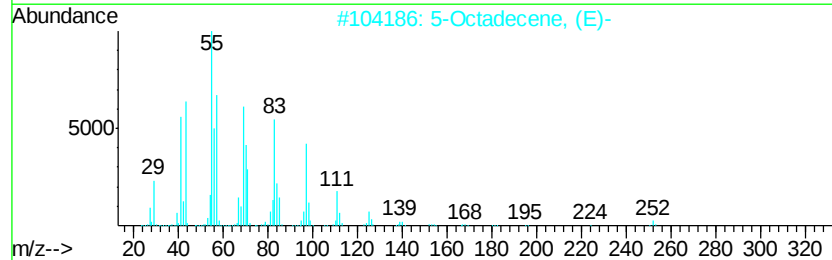
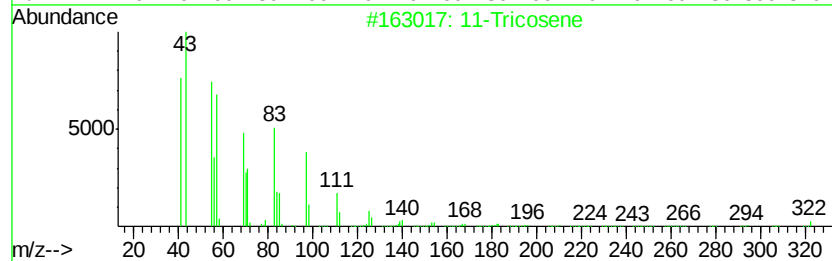
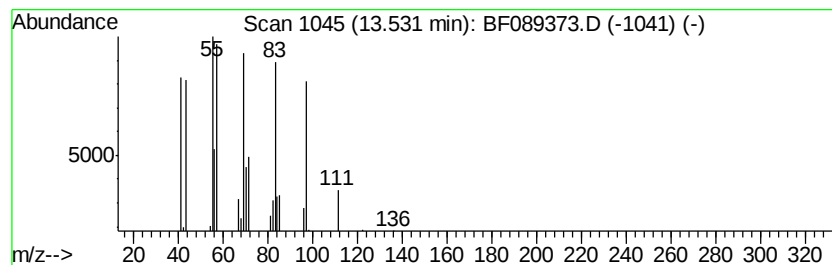
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11-Tricosene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.53	2.46 ng	37286	Chrysene-d12		13.65	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene		322	C23H46	052078-56-5	91
2	5-Octadecene, (E)-		252	C18H36	007206-21-5	78
3	9-Octadecene, (E)-		252	C18H36	007206-25-9	59
4	Cetene		224	C16H32	000629-73-2	53
5	Cyclopentane, 2-isopropyl-1,3-di...		140	C10H20	032281-85-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089373.D
Acq On : 28 Jul 2016 20:18
Operator : UM/SJ
Sample : H4200-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1606304499

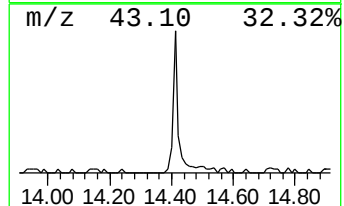
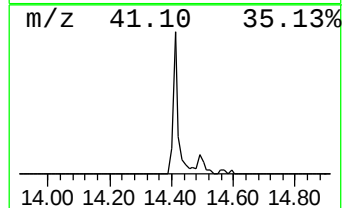
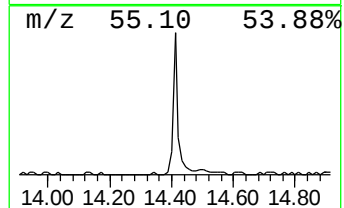
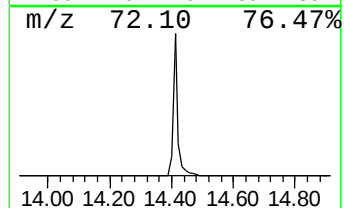
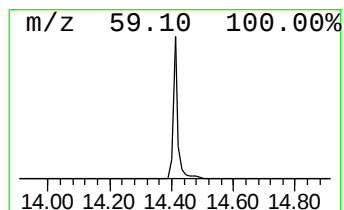
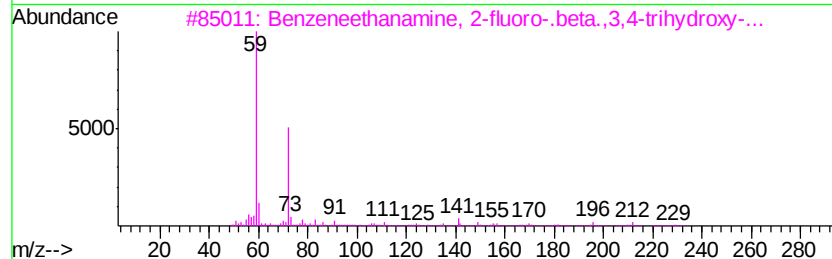
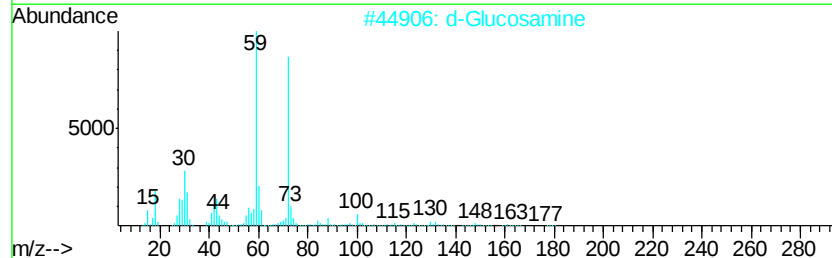
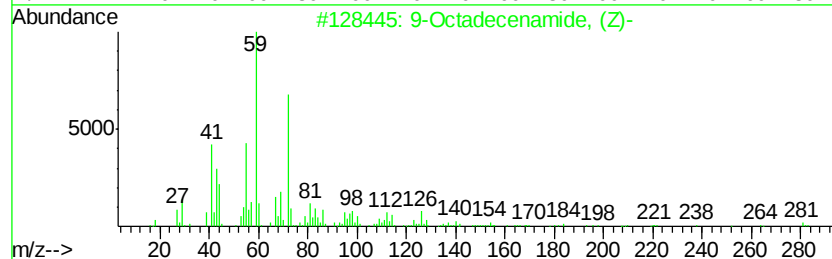
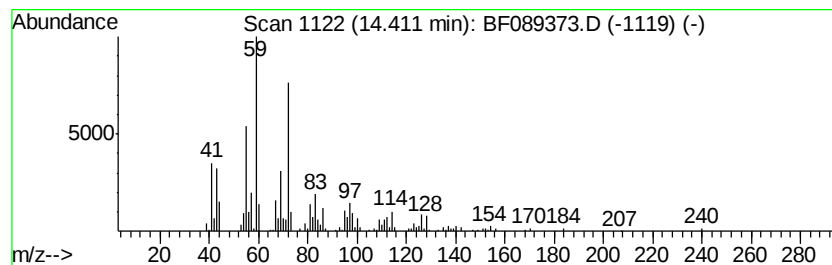
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	22.53 ng	256031	Perylene-d12	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2		d-Glucosamine	179	C6H13NO5	000090-77-7	53
3		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	53
4		1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	43
5		Tetradecanamide	227	C14H29NO	000638-58-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089373.D
Acq On : 28 Jul 2016 20:18
Operator : UM/SJ
Sample : H4200-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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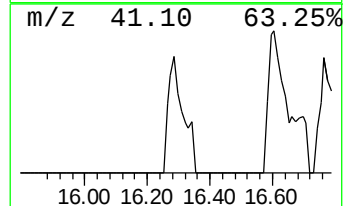
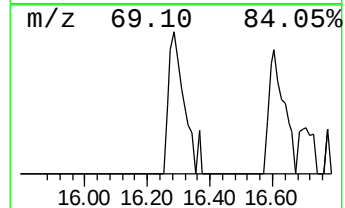
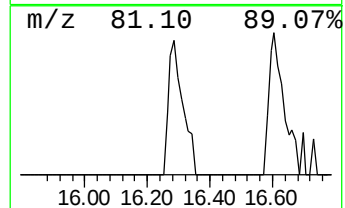
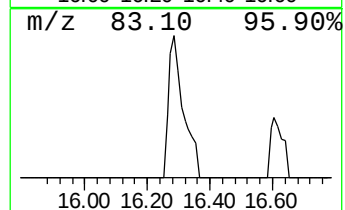
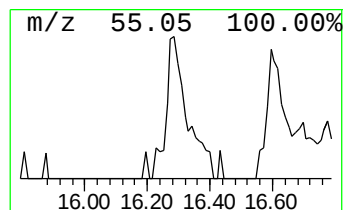
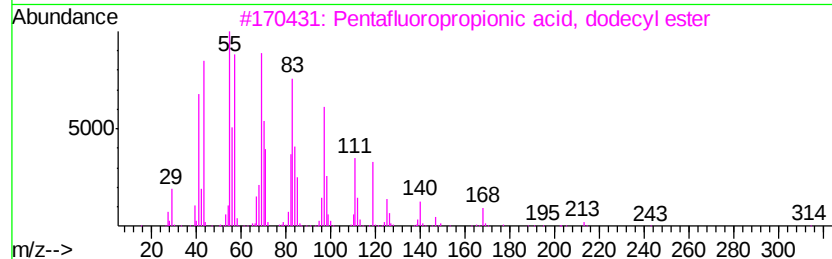
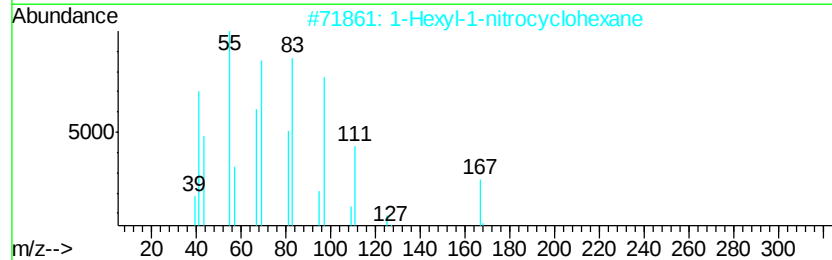
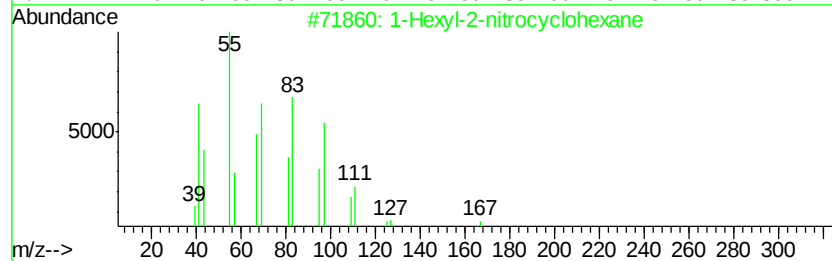
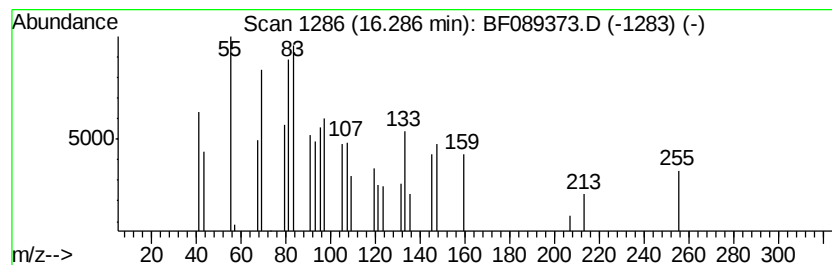
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.29 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	4.65 ng	52895	Perylene-d12	14.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	35
2			1-Hexyl-1-nitrocyclohexane	213	C12H23NO2	118252-09-8	27
3			Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	27
4			Silane, [(11-fluoroundecyl)oxy]t...	262	C14H31FOSi	026305-81-7	25
5			Bicyclo[2.2.1]heptan-2-ol, 3,3-d...	140	C9H16O	000515-28-6	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089373.D
Acq On : 28 Jul 2016 20:18
Operator : UM/SJ
Sample : H4200-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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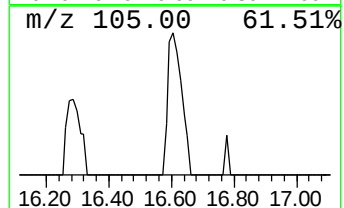
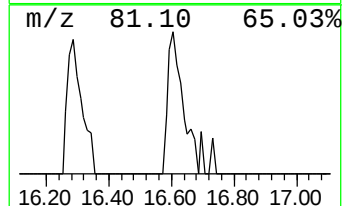
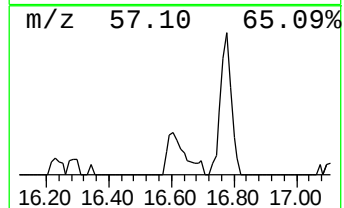
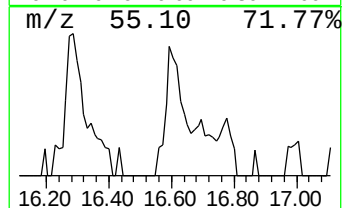
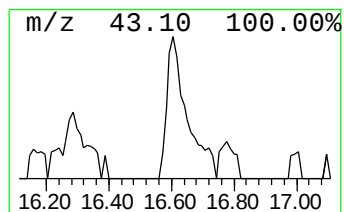
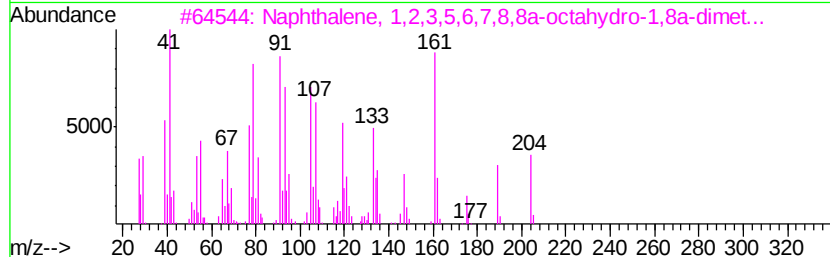
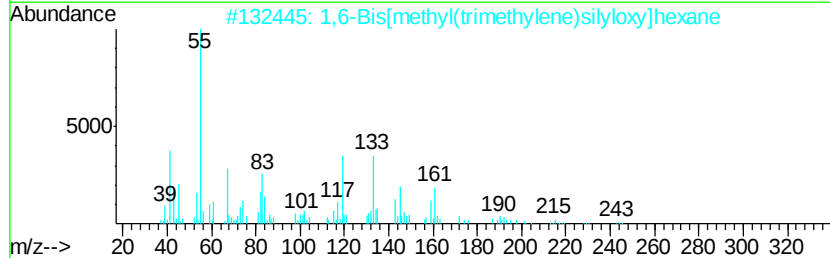
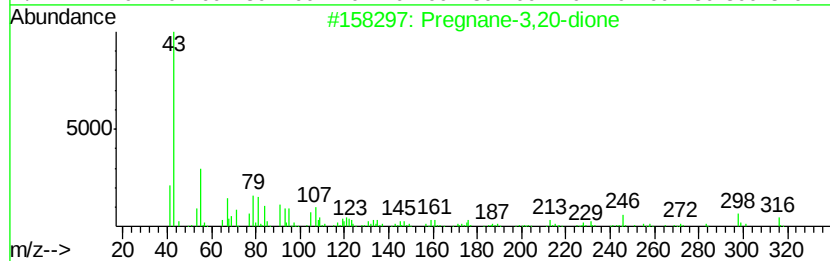
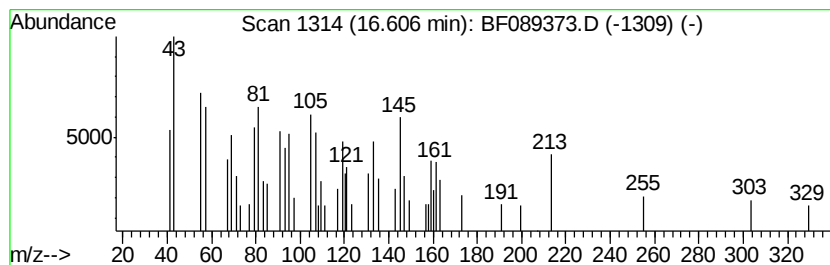
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown16.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	8.04 ng	91323	Perylene-d12	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pregnane-3,20-dione	316	C21H32O2	007350-00-7	22
2		1,6-Bis[methyl(trimethylene)silyl]hexane	286	C14H30O2Si2	1000217-00-5	22
3		Naphthalene, 1,2,3,5,6,7,8,8a-octahydro-1,8a-dimethyl-	204	C15H24	004630-07-3	22
4		Ledene oxide-(II)	220	C15H24O	1000159-36-7	16
5		10,12-Tricosadiynoic acid, methyl ester	360	C24H40O2	1000333-59-4	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089373.D
Acq On : 28 Jul 2016 20:18
Operator : UM/SJ
Sample : H4200-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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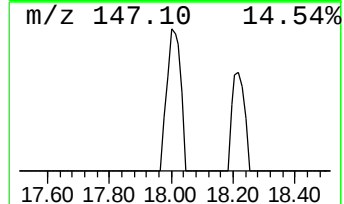
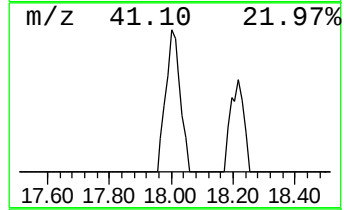
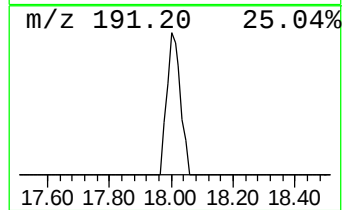
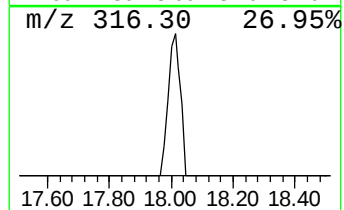
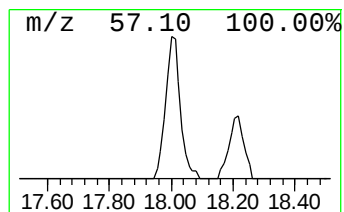
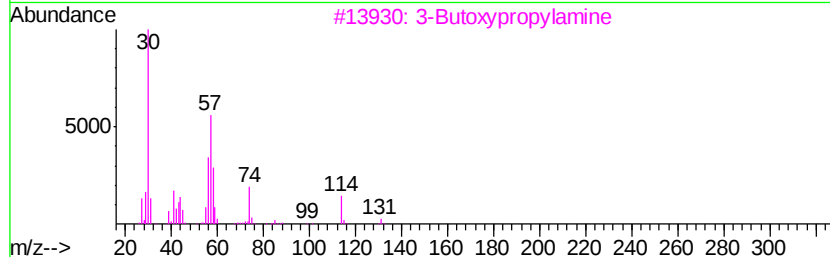
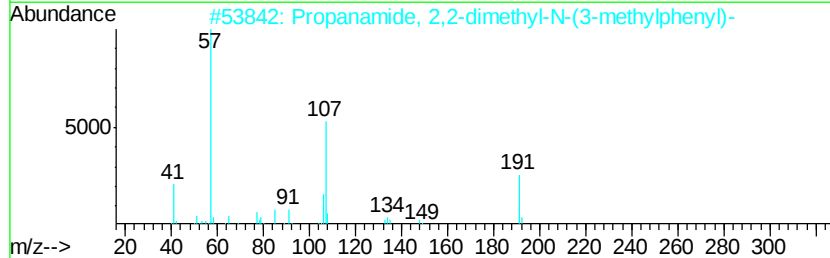
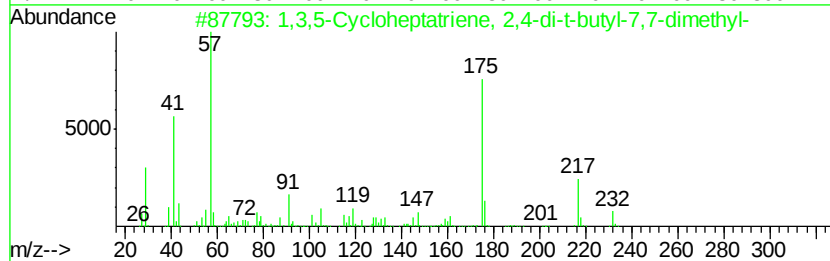
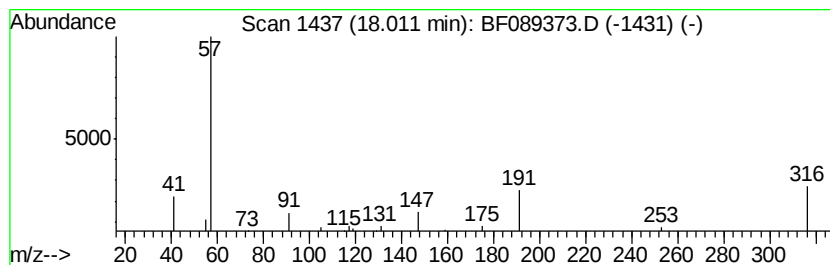
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown18.01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	4.17 ng	47391	Perylene-d12	14.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Cycloheptatriene, 2,4-di-t...	232	C17H28	1000160-92-5	17
2			Propanamide, 2,2-dimethyl-N-(3-m...	191	C12H17NO	032597-29-8	5
3			3-Butoxypropylamine	131	C7H17NO	016499-88-0	4
4			N-Isovaleroylglycine	159	C7H13NO3	016284-60-9	3
5			Piperazine, 1-methyl-4-nitroso-	129	C5H11N3O	016339-07-4	3



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089373.D
Acq On : 28 Jul 2016 20:18
Operator : UM/SJ
Sample : H4200-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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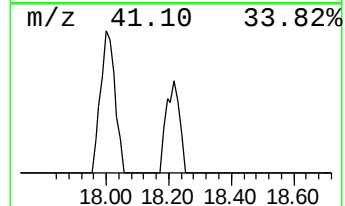
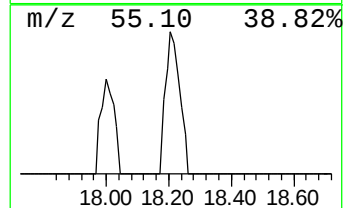
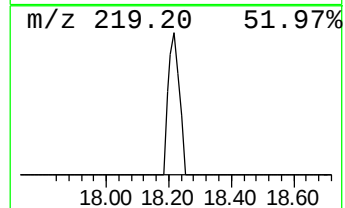
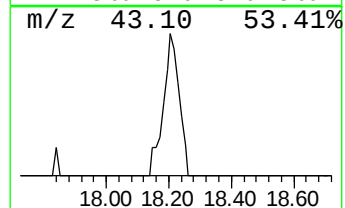
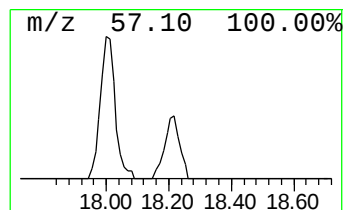
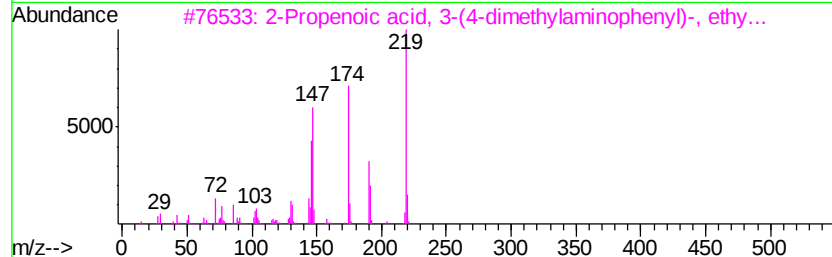
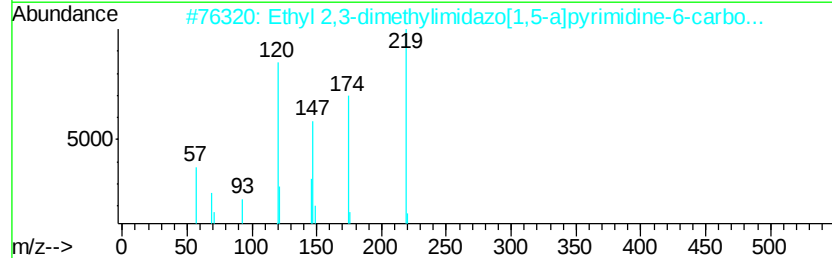
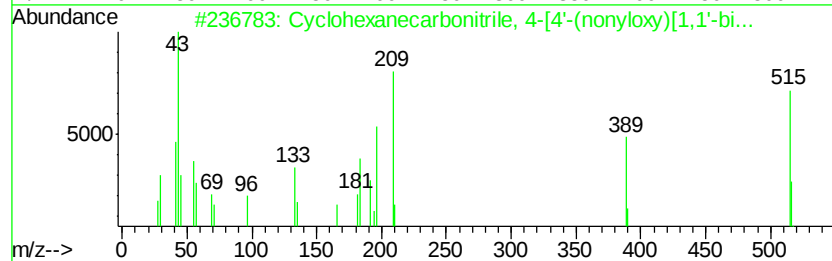
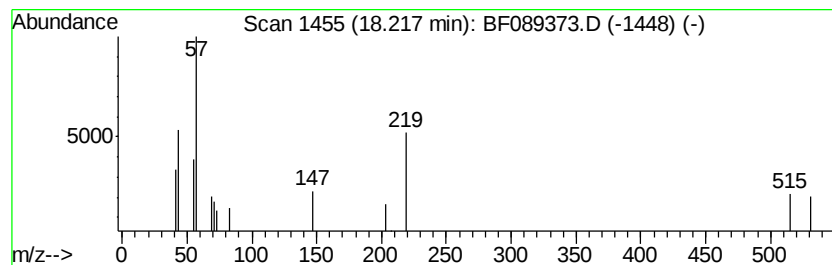
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown18.22 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	3.09 ng	35096	Perylene-d12	14.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanecarbonitrile, 4-[4'-(...	515	C36H53NO	124729-19-7	9
2			Ethyl 2,3-dimethylimidazo[1,5-a]...	219	C11H13N3O2	1000147-83-4	4
3			2-Propenoic acid, 3-(4-dimethyla...	219	C13H17N02	001552-97-2	4
4			Ethyl 3,8-dimethylimidazo[1,5-a]...	219	C11H13N3O2	1000147-83-3	4
5			s-Triazine, 2,4,6-tris(methylthio)-	219	C6H9N3S3	005759-58-0	4



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089373.D
 Acq On : 28 Jul 2016 20:18
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 Sample : H4200-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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
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unknown6.28	6.28	29.4	ng	331041	1	6.52	225414	20.0
unknown9.77	9.77	2.5	ng	52753	3	9.55	428473	20.0
n-Hexadecanoic acid	11.59	5.9	ng	120604	4	11.03	410048	20.0
11,14,17-Eicosatr...	12.30	3.6	ng	73716	4	11.03	410048	20.0
11-Tricosene	13.53	2.5	ng	37286	5	13.65	302960	20.0
9-Octadecenamide, ...	14.41	22.5	ng	256031	6	14.98	227305	20.0
unknown16.29	16.29	4.7	ng	52895	6	14.98	227305	20.0
unknown16.61	16.61	8.0	ng	91323	6	14.98	227305	20.0
unknown18.01	18.01	4.2	ng	47391	6	14.98	227305	20.0
unknown18.22	18.22	3.1	ng	35096	6	14.98	227305	20.0