

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090317.D
 Acq On : 30 Sep 2016 17:08
 Operator : UM/SJ
 Sample : H5025-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-4

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-BF092016.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	1.632	3	4	56	rVB	2832788	7474848	100.00%	18.916%
2	4.524	254	257	266	rBV	290583	524959	7.02%	1.328%
3	5.004	296	299	301	rBV	2163969	2309058	30.89%	5.843%
4	6.113	392	396	398	rBV	2233793	2798294	37.44%	7.081%
5	6.216	402	405	407	rBV	2611583	2644449	35.38%	6.692%
6	6.444	423	425	428	rBV	749403	780493	10.44%	1.975%
7	6.604	436	439	441	rBV	2263099	2090639	27.97%	5.291%
8	7.027	473	476	478	rBV	1436109	1792366	23.98%	4.536%
9	7.084	478	481	483	rVV	124125	153447	2.05%	0.388%
10	7.736	536	538	541	rBV	1179475	1083856	14.50%	2.743%
11	8.822	630	633	635	rBV	3463110	3304525	44.21%	8.362%
12	9.222	665	668	670	rBV	1040216	891466	11.93%	2.256%
13	9.428	684	686	688	rBV	98414	109131	1.46%	0.276%
14	9.485	688	691	693	rVB	1029403	1239722	16.59%	3.137%
15	10.262	756	759	762	rBV	1644455	1744589	23.34%	4.415%
16	10.410	770	772	776	rVB	119276	125906	1.68%	0.319%
17	10.948	816	819	821	rBV	1270308	1142683	15.29%	2.892%
18	11.211	839	842	847	rBV	133871	153586	2.05%	0.389%
19	11.519	867	869	871	rBV	138937	150460	2.01%	0.381%
20	12.365	941	943	947	rVV	78797	87233	1.17%	0.221%
21	12.536	955	958	960	rBV	1953741	2476329	33.13%	6.267%
22	13.451	1035	1038	1041	rBV	311732	446464	5.97%	1.130%
23	13.554	1045	1047	1055	rVV	792301	898233	12.02%	2.273%
24	14.079	1090	1093	1096	rBV	321397	385137	5.15%	0.975%
25	14.491	1126	1129	1131	rVB	241699	224009	3.00%	0.567%
26	14.537	1131	1133	1137	rBV	51834	92068	1.23%	0.233%
27	14.662	1140	1144	1147	rBV2	367858	581019	7.77%	1.470%
28	14.879	1160	1163	1165	rBV	519007	665646	8.91%	1.684%
29	15.097	1180	1182	1185	rBV	164969	209994	2.81%	0.531%
30	15.280	1195	1198	1200	rBV	175028	265800	3.56%	0.673%
31	15.314	1200	1201	1204	rVV	144919	234213	3.13%	0.593%
32	15.371	1204	1206	1209	rVV	90985	132863	1.78%	0.336%
33	15.885	1248	1251	1258	rVB	157537	271974	3.64%	0.688%
34	16.022	1259	1263	1268	rVV3	51783	141646	1.89%	0.358%

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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

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35	16.137	1268	1273	1275	rVV2	76761	285817	3.82%	0.723%
36	16.251	1279	1283	1288	rVB4	104083	333529	4.46%	0.844%
37	16.457	1297	1301	1306	rBV2	162972	395817	5.30%	1.002%
38	16.823	1331	1333	1340	rVB7	37730	135758	1.82%	0.344%
39	16.948	1340	1344	1350	rBV4	53618	152812	2.04%	0.387%
40	17.223	1364	1368	1373	rVB3	67567	177993	2.38%	0.450%
41	17.863	1420	1424	1430	rVV10	21698	78013	1.04%	0.197%
42	17.988	1431	1435	1443	rVB5	110888	329524	4.41%	0.834%

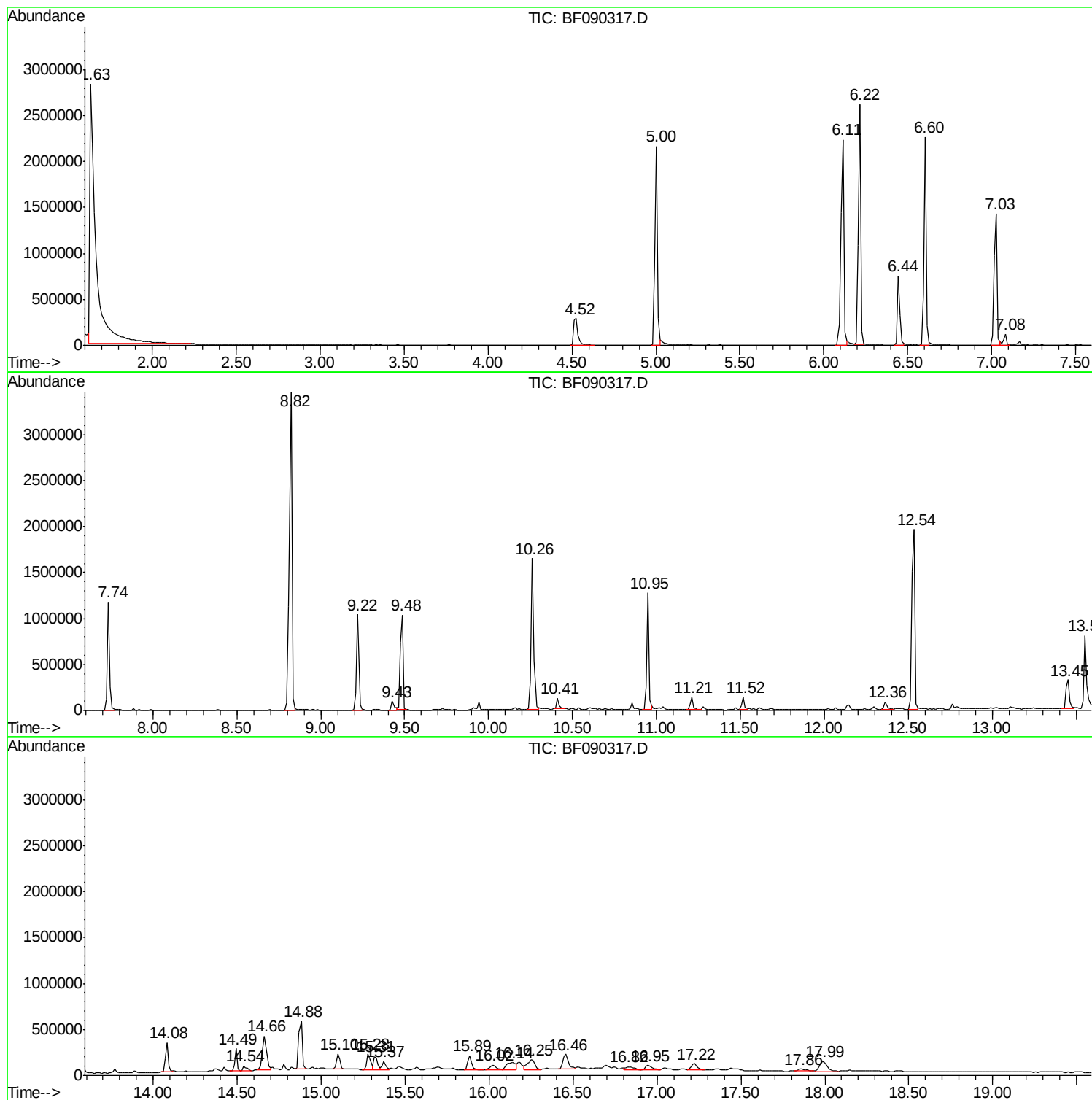
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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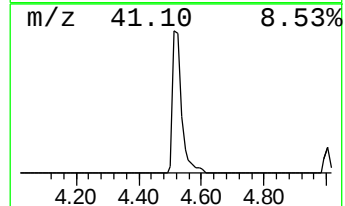
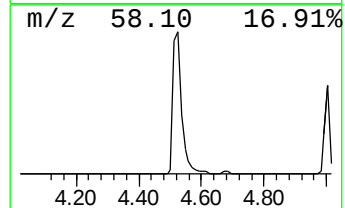
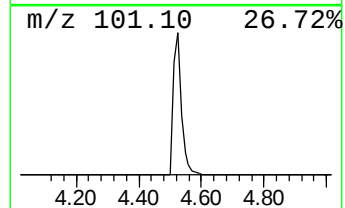
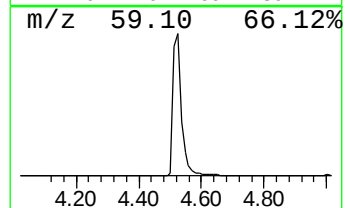
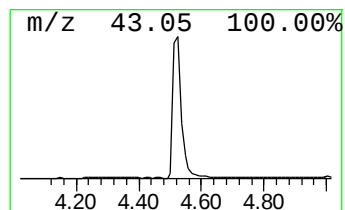
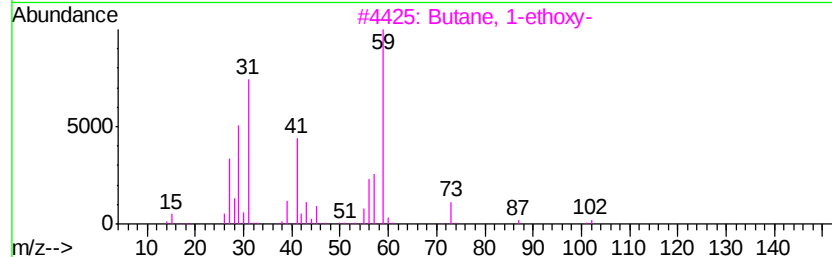
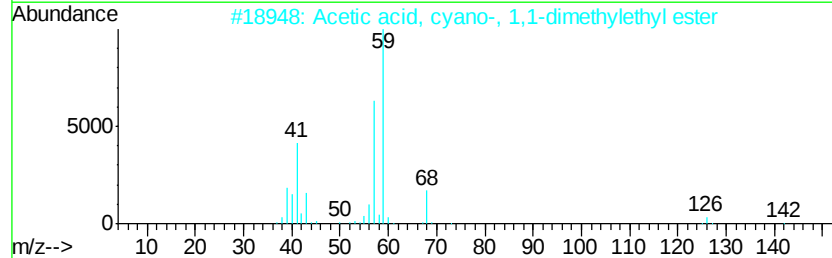
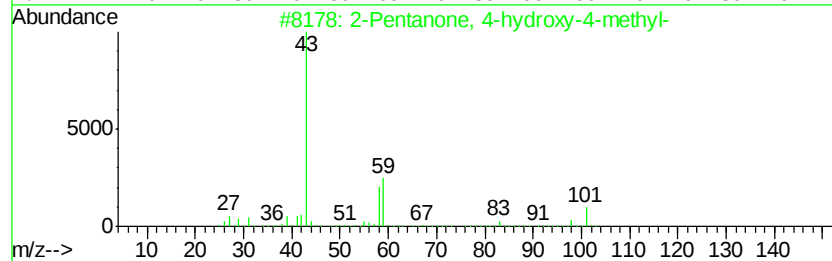
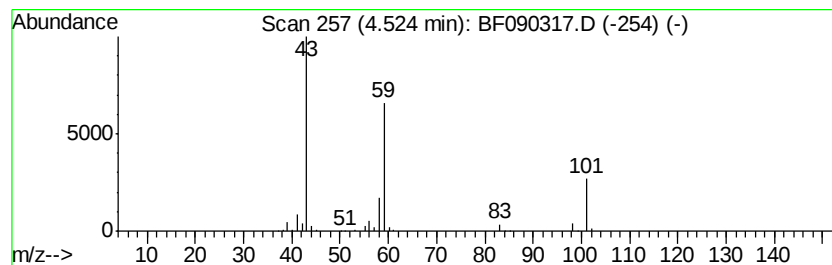
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	13.45 ng	524959	1,4-Dichlorobenzene-d4	6.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4		Guanidine	59	CH5N3	000113-00-8	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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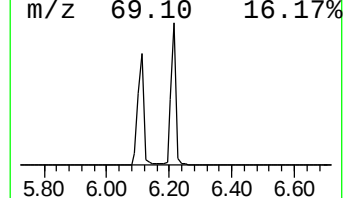
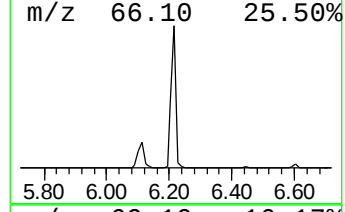
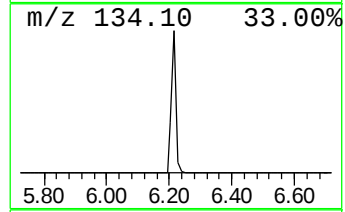
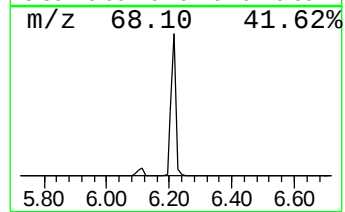
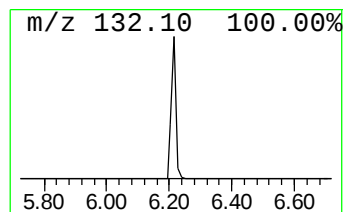
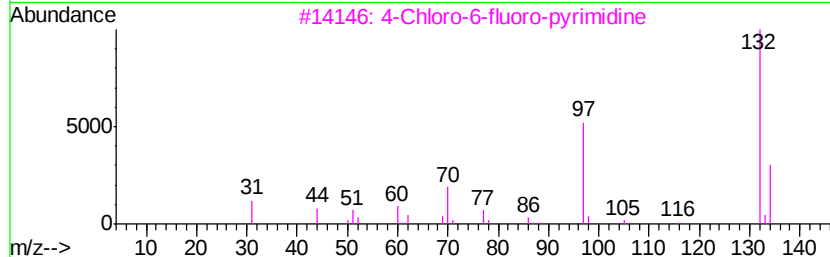
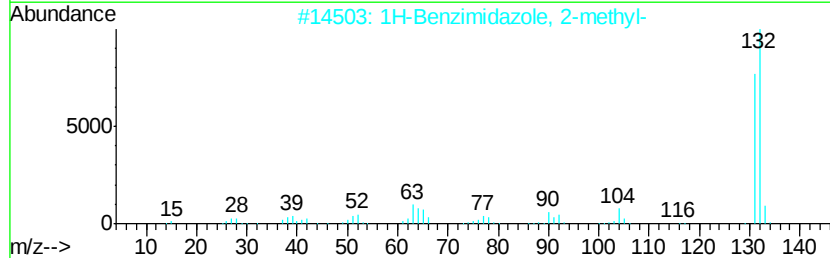
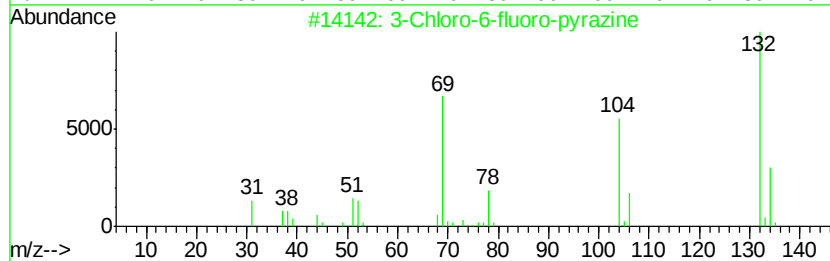
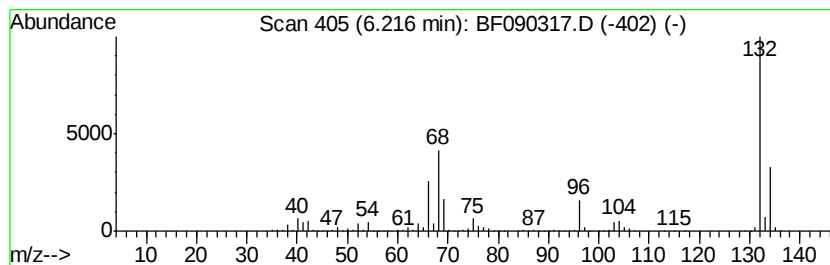
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Peak Number 3 unknown6.22 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	67.76 ng	2644450	1,4-Dichlorobenzene-d4	6.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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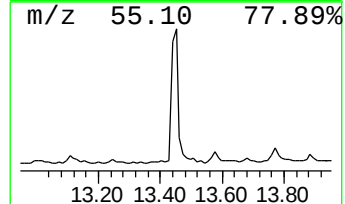
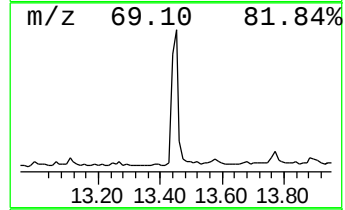
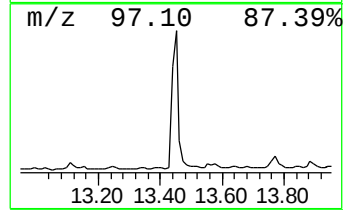
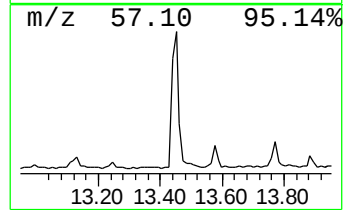
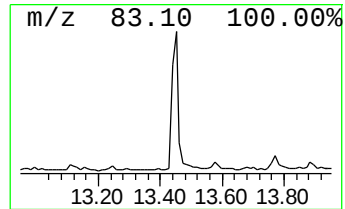
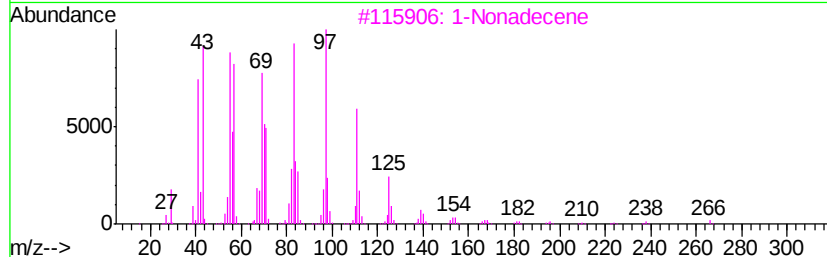
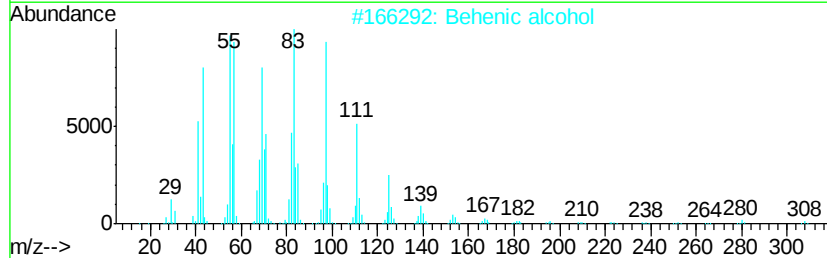
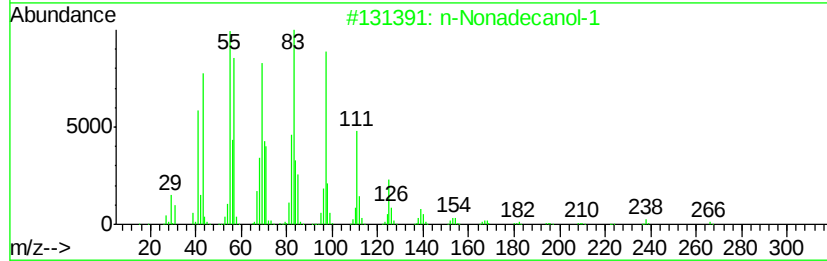
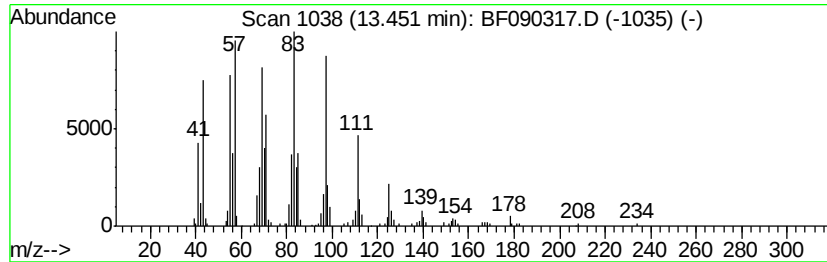
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Nonadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	9.94 ng	446464	Chrysene-d12	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2		Behenic alcohol	326	C22H46O	000661-19-8	95
3		1-Nonadecene	266	C19H38	018435-45-5	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93



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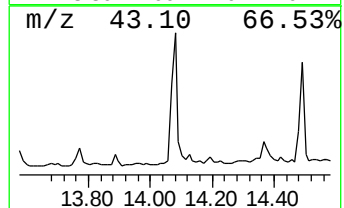
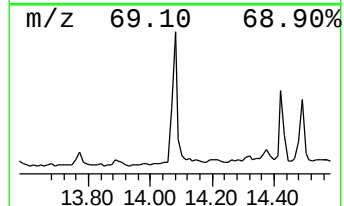
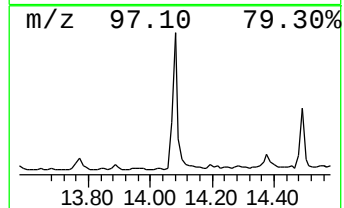
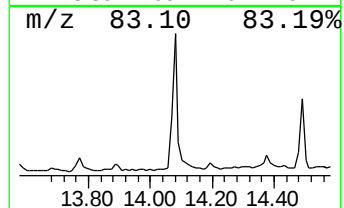
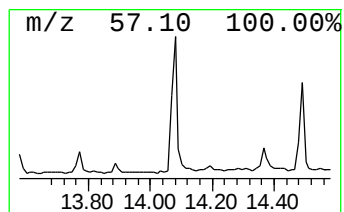
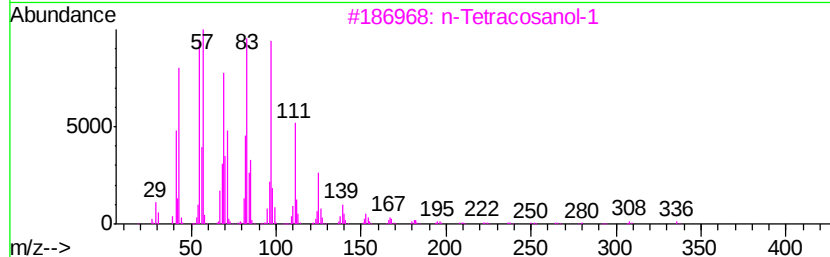
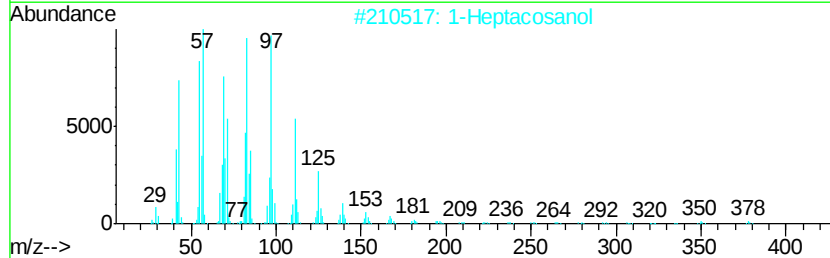
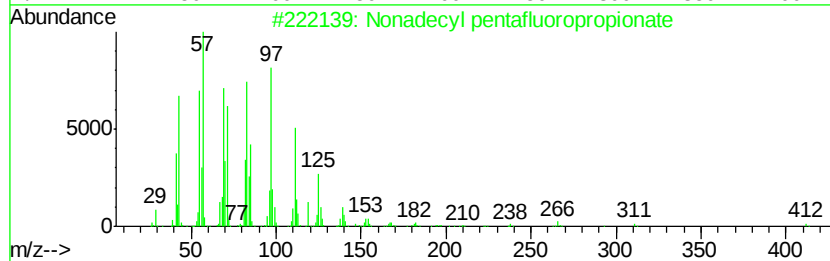
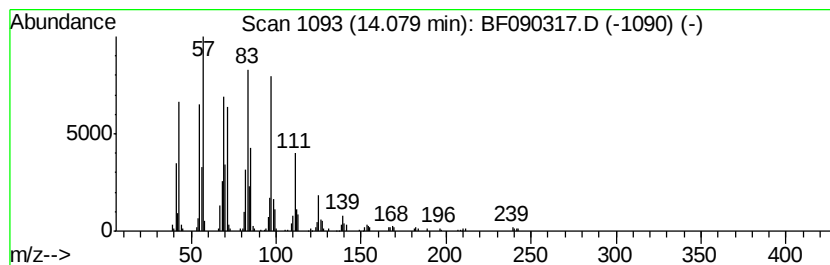
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Peak Number 6 Nonadecyl pentafluoropropio... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	8.58 ng	385137	Chrysene-d12	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	94
2		1-Heptacosanol	396	C27H56O	002004-39-9	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		1-Docosene	308	C22H44	001599-67-3	91



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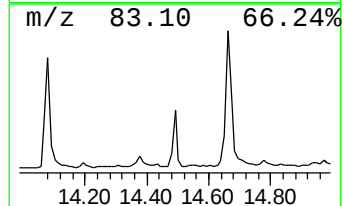
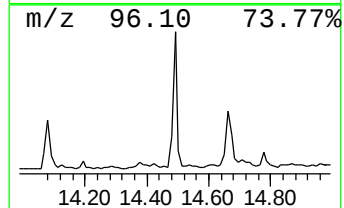
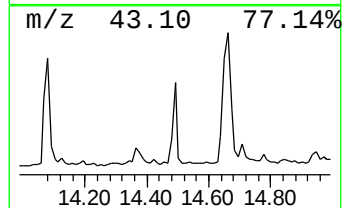
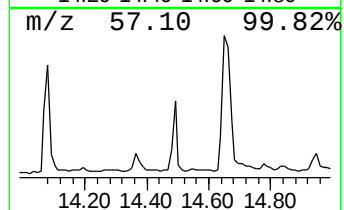
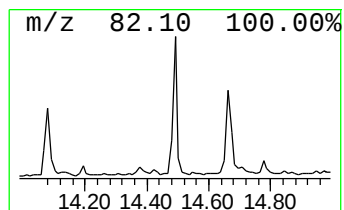
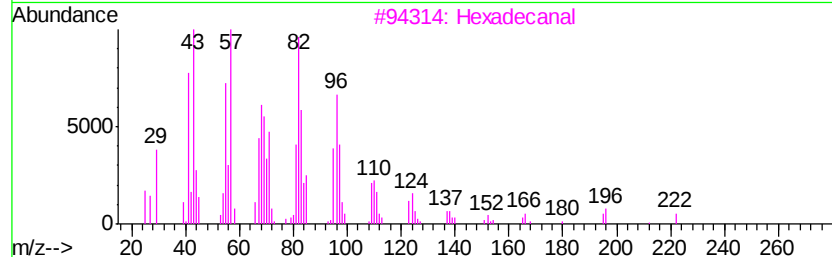
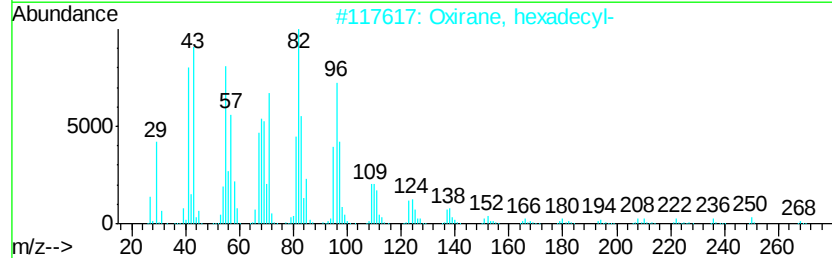
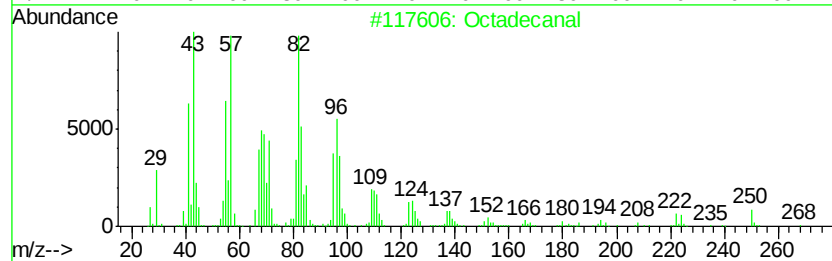
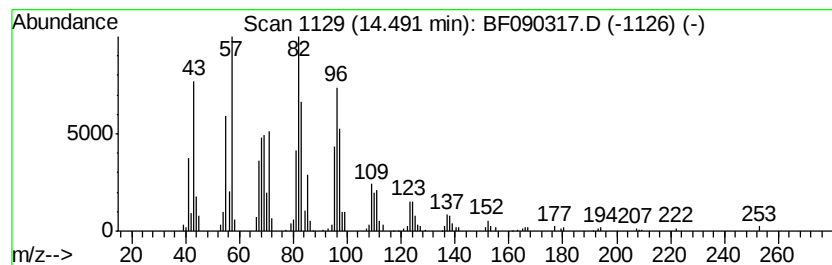
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TIC Integration Parameters: LSCINT.P

Peak Number 7 Octadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.49	6.73 ng	224009	Perylene-d12	14.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Hexadecanal	240	C16H32O	000629-80-1	90
4	Heptadecanal	254	C17H34O	1000376-70-0	90
5	1,19-Eicosadiene	278	C20H38	014811-95-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090317.D
Acq On : 30 Sep 2016 17:08
Operator : UM/SJ
Sample : H5025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-4

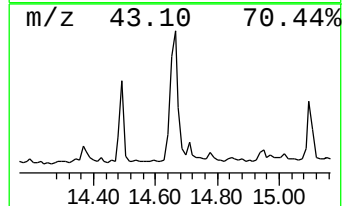
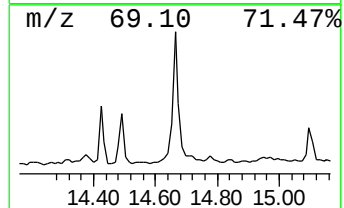
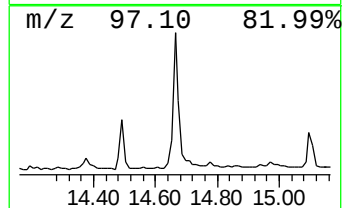
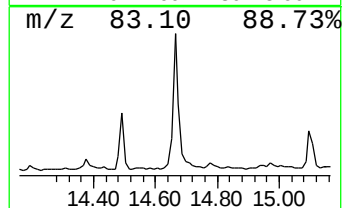
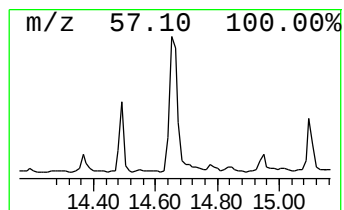
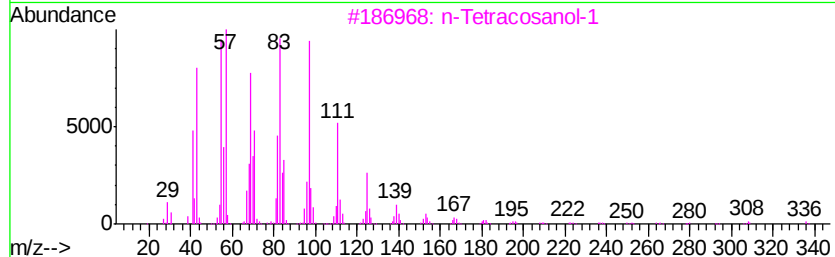
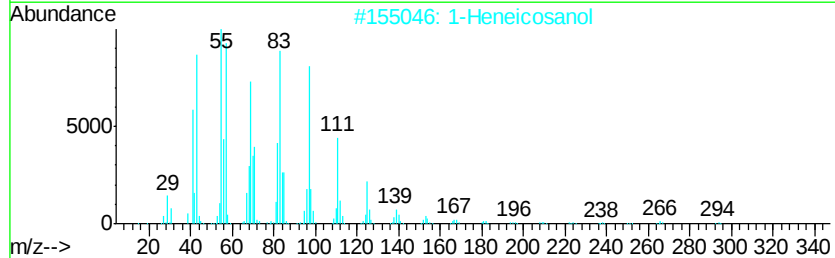
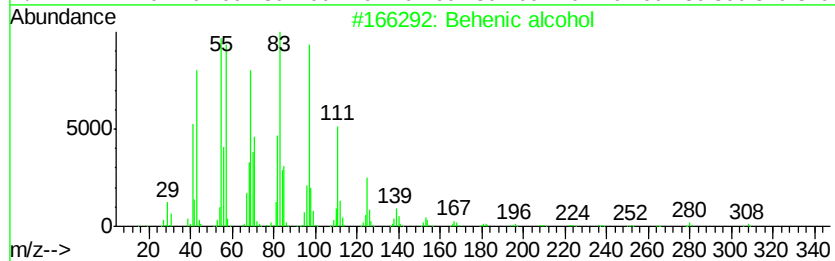
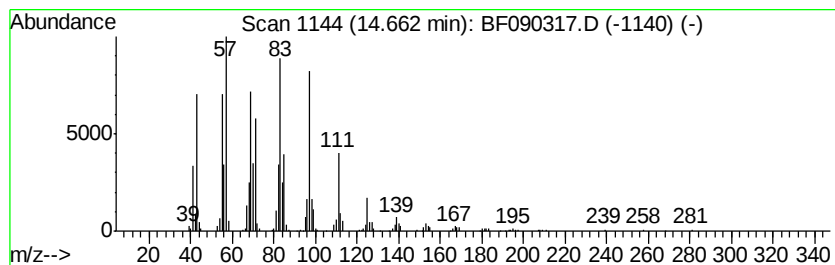
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	17.46 ng	581019	Perylene-d12	14.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	93
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4		1-Docosene	308	C22H44	001599-67-3	91
5		1-Heptacosanol	396	C27H56O	002004-39-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090317\
Data File : BF090317.D
Acq On : 30 Sep 2016 17:08
Operator : UM/SJ
Sample : H5025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-4

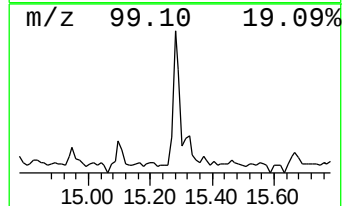
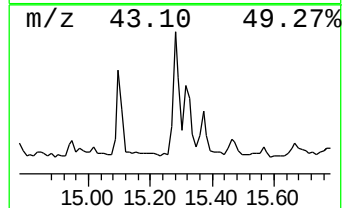
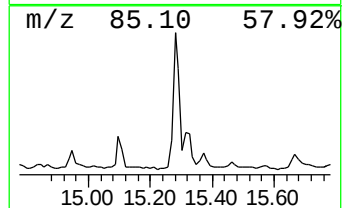
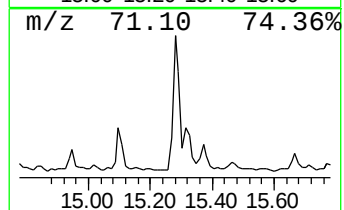
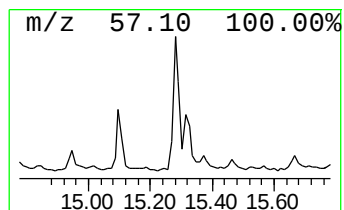
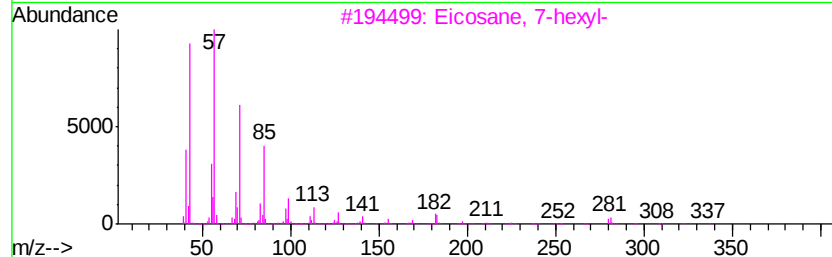
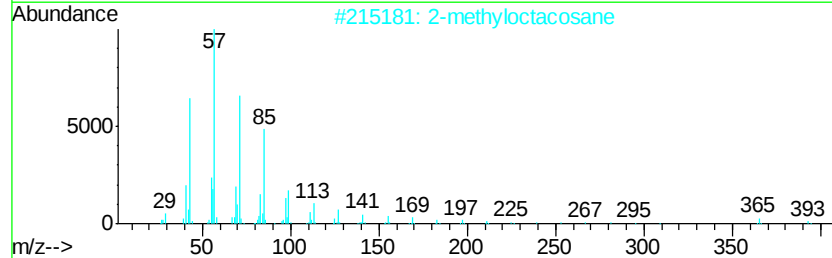
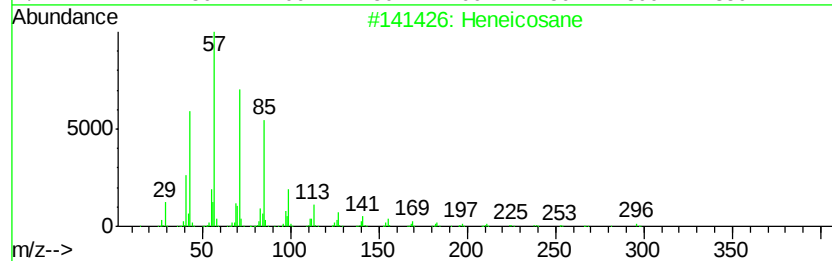
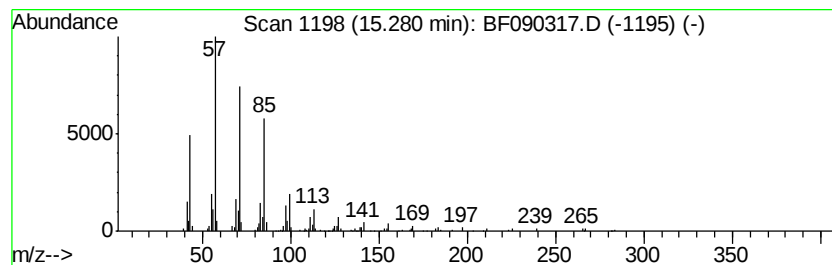
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	7.99 ng	265800	Perylene-d12	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090317.D
Acq On : 30 Sep 2016 17:08
Operator : UM/SJ
Sample : H5025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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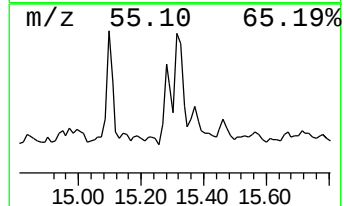
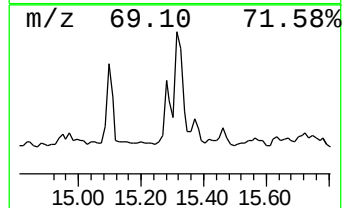
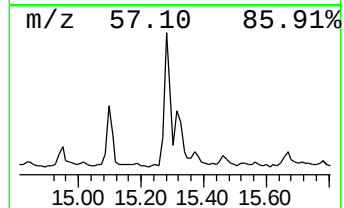
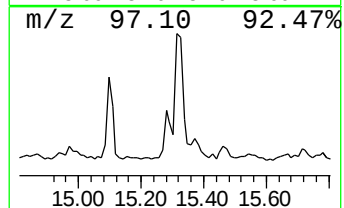
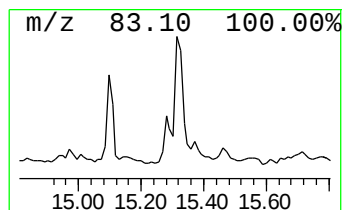
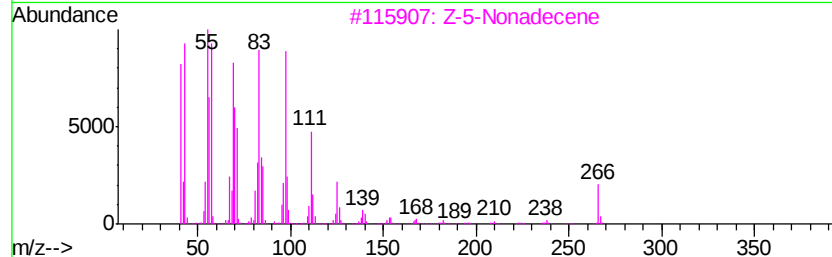
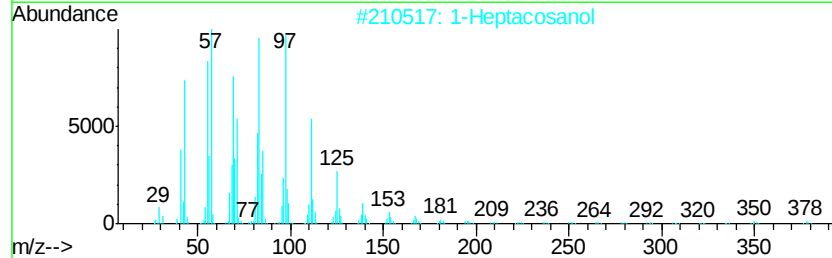
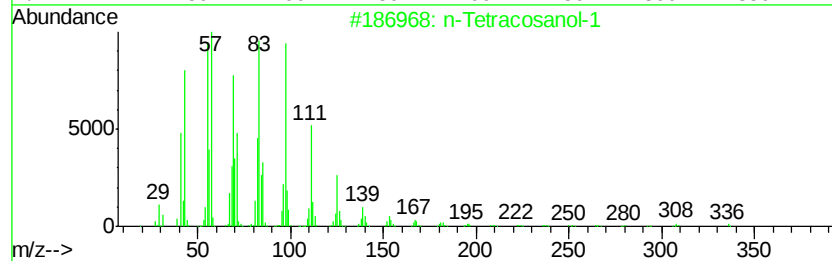
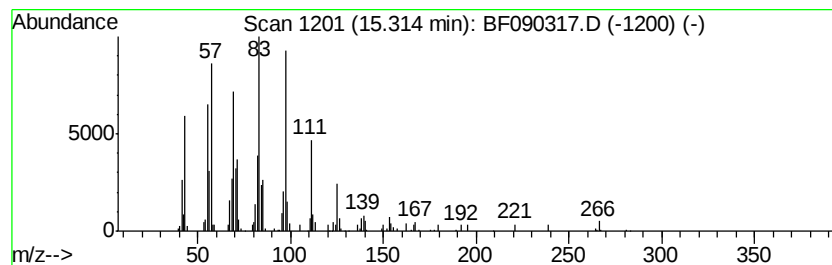
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Tetracosanol-1 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	7.04 ng	234213	Perylene-d12	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2			1-Heptacosanol	396	C27H56O	002004-39-9	91
3			Z-5-Nonadecene	266	C19H38	1000131-11-8	83
4			Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	74
5			1-Docosene	308	C22H44	001599-67-3	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF090317\
Data File : BF090317.D
Acq On : 30 Sep 2016 17:08
Operator : UM/SJ
Sample : H5025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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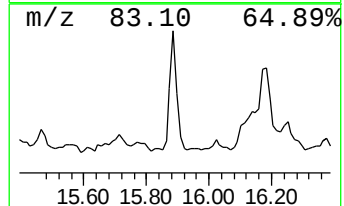
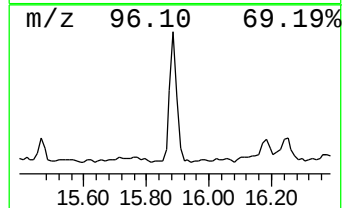
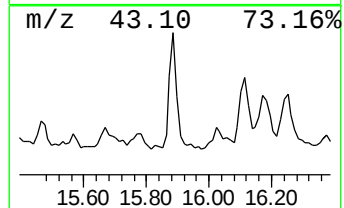
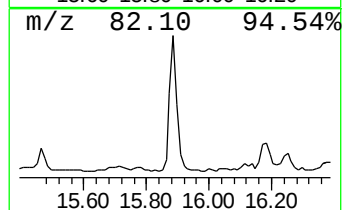
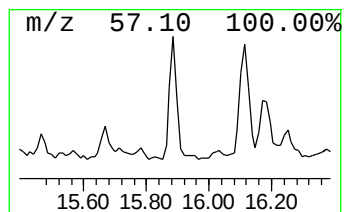
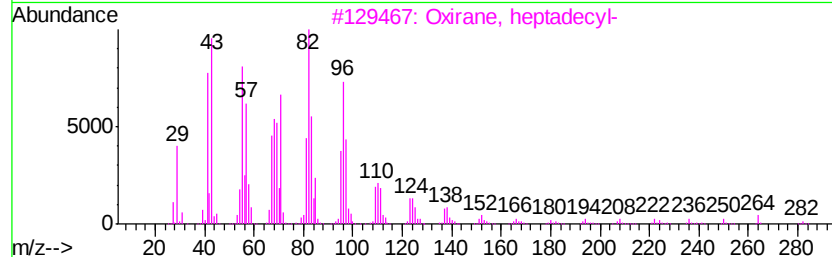
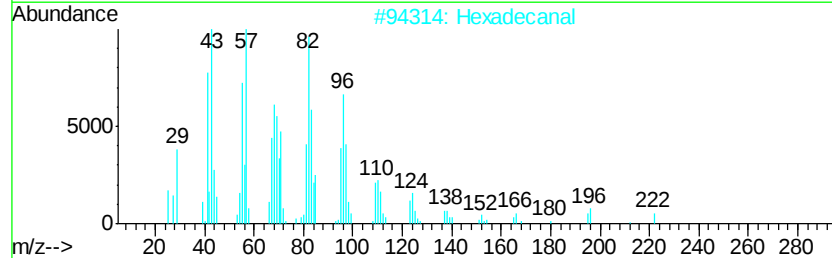
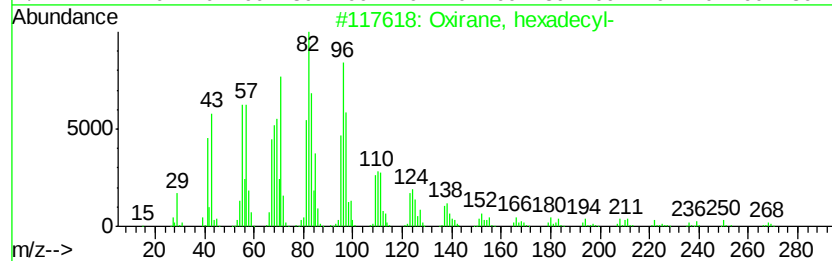
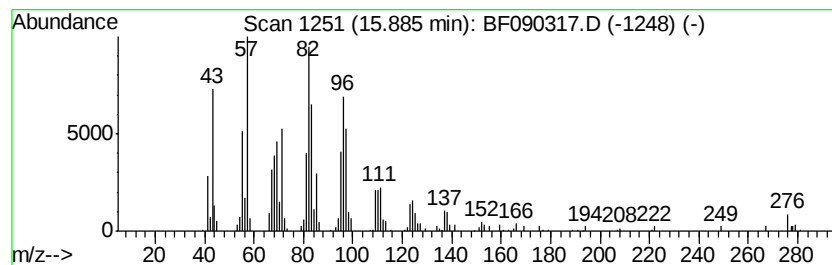
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Oxirane, hexadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	8.17 ng	271974	Perylene-d12	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2			Hexadecanal	240	C16H32O	000629-80-1	91
3			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4			Octadecanal	268	C18H36O	000638-66-4	90
5			Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF090317\
Data File : BF090317.D
Acq On : 30 Sep 2016 17:08
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Sample : H5025-04
Misc :
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Instrument :
BNA_F
ClientSampleId :
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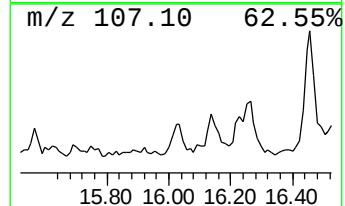
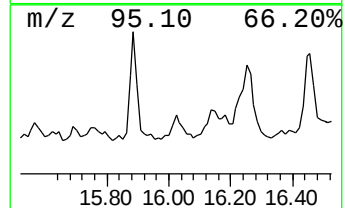
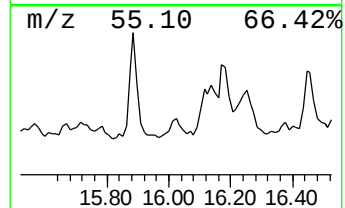
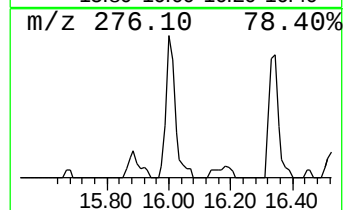
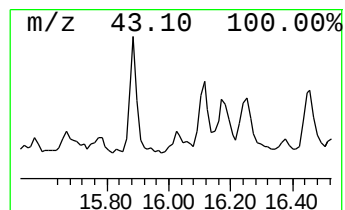
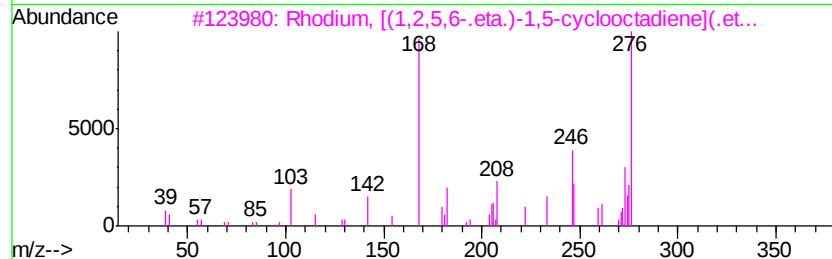
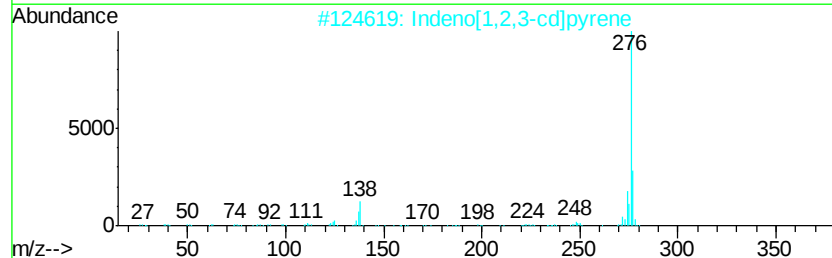
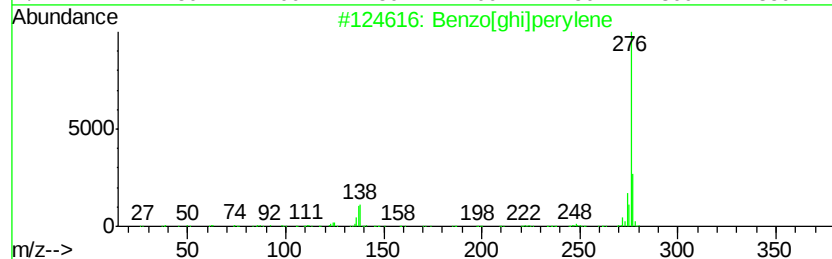
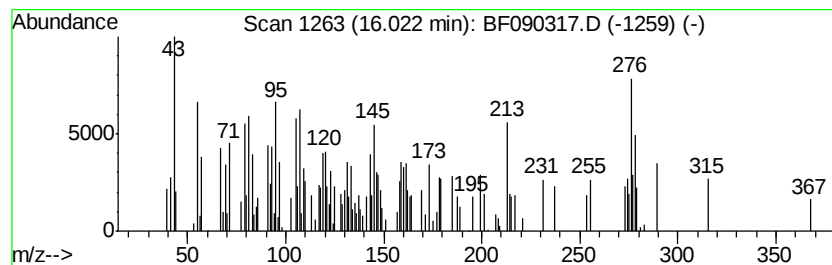
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown16.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	4.26 ng	141646	Perylene-d12	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[ghi]perylene	276	C22H12	000191-24-2	35
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	35
3		Rhodium, [(1,2,5,6-.eta.)-1,5-cv...	276	C13H17Rh	032610-45-0	35
4		1-Naphthalenamine, N-[(4-nitroph...	276	C17H12N2O2	000967-13-5	27
5		2-Naphthalenol, 1-[(2,4-dimethyl...	276	C18H16N2O	003118-97-6	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090317.D
Acq On : 30 Sep 2016 17:08
Operator : UM/SJ
Sample : H5025-04
Misc :
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BNA_F
ClientSampleId :
PA-4

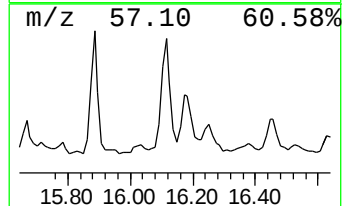
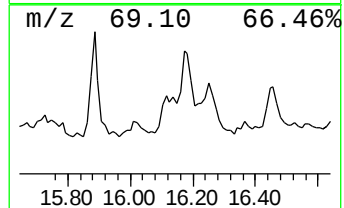
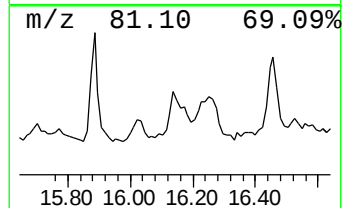
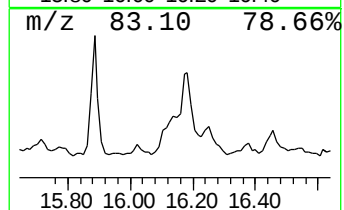
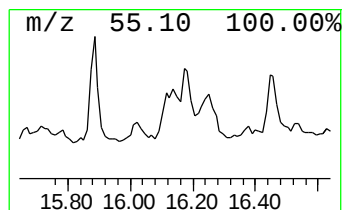
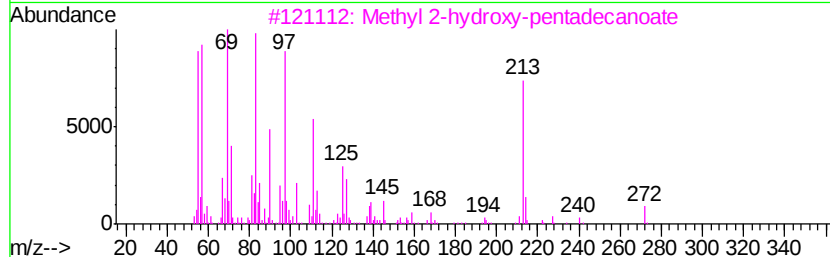
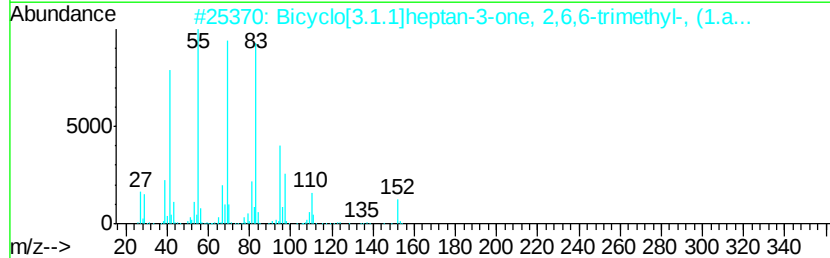
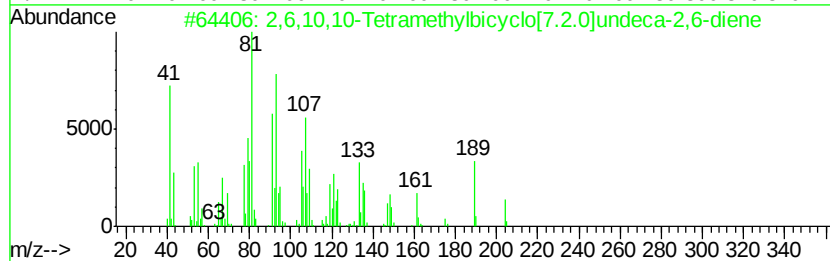
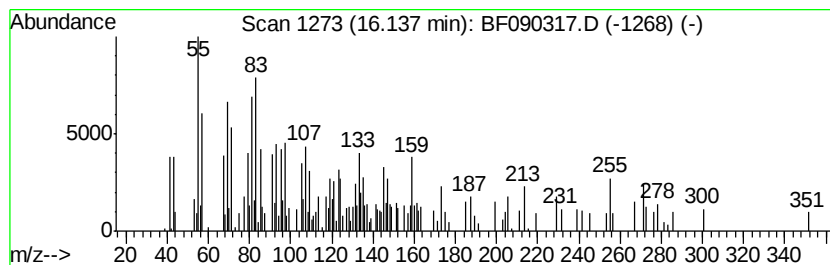
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.14 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	8.59 ng	285817	Perylene-d12	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,10-Tetramethylbicyclo[7.2...	204	C15H24	136296-37-2	42		
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	42		
3	Methyl 2-hydroxy-pentadecanoate	272	C16H32O3	1000336-35-7	38		
4	7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	30		
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	22		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF090317\
Data File : BF090317.D
Acq On : 30 Sep 2016 17:08
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Sample : H5025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-4

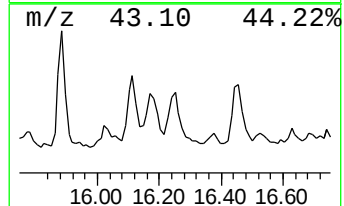
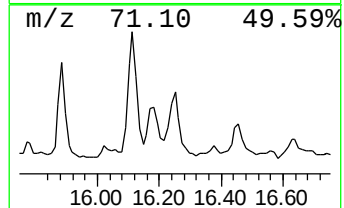
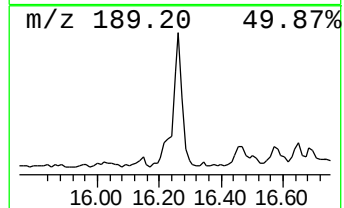
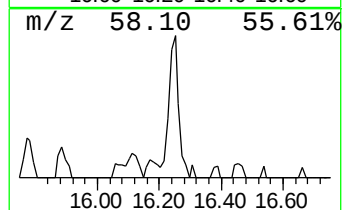
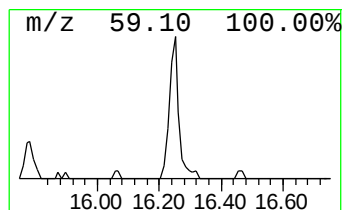
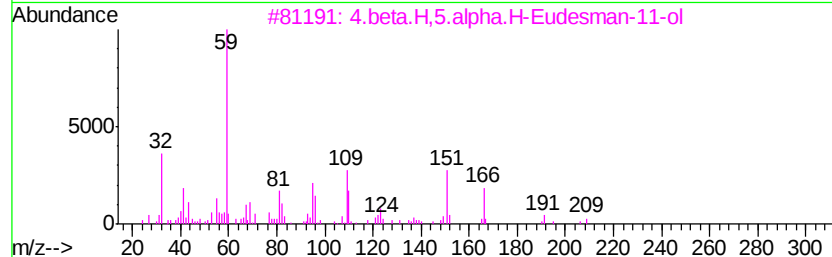
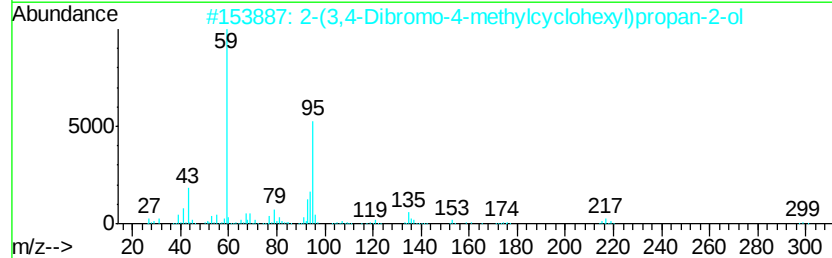
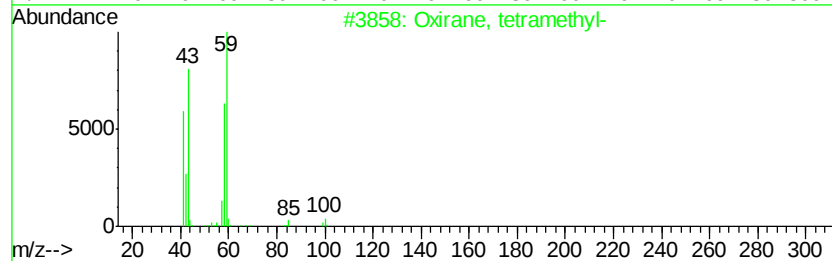
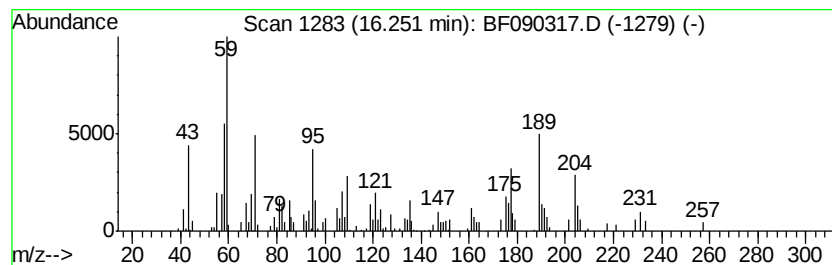
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.25 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	10.02 ng	333529	Perylene-d12	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	22
2		2-(3,4-Dibromo-4-methylcyclohexyl)propan-2-ol	312	C10H18Br2O	110202-13-6	22
3		4.beta.H.5.alpha.H-Eudesman-11-ol	224	C15H28O	031756-53-3	22
4		2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	079254-46-9	16
5		Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	16



Data Path : Z:\HPCHEM1\BNA F\DATA\BF0903016\
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Acq On : 30 Sep 2016 17:08
Operator : UM/SJ
Sample : H5025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

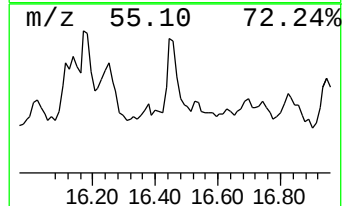
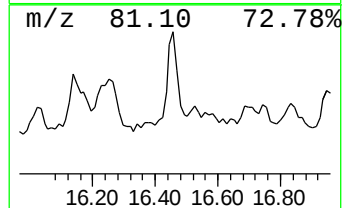
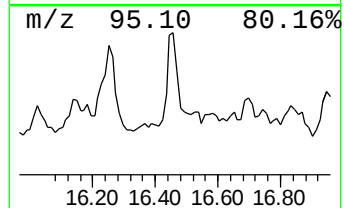
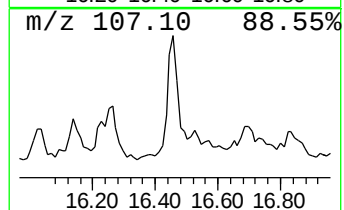
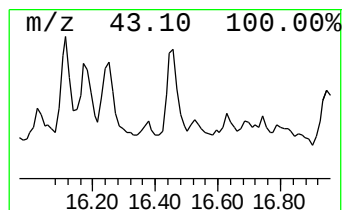
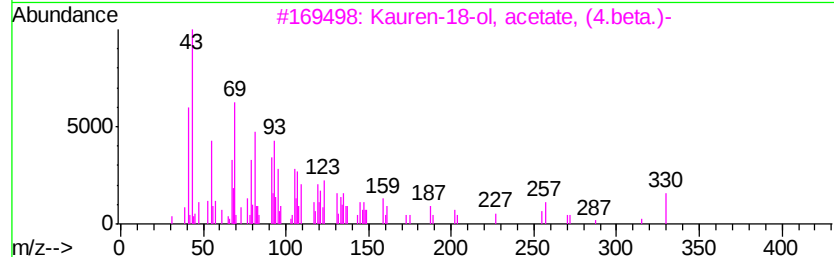
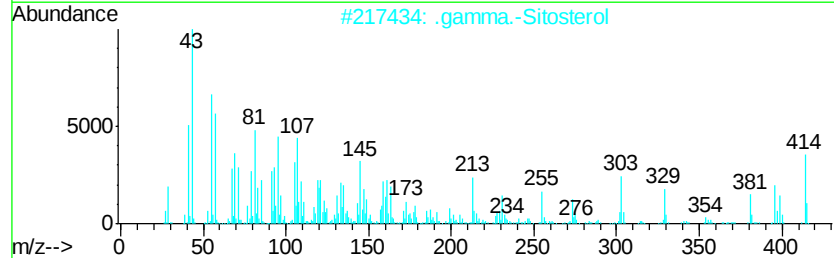
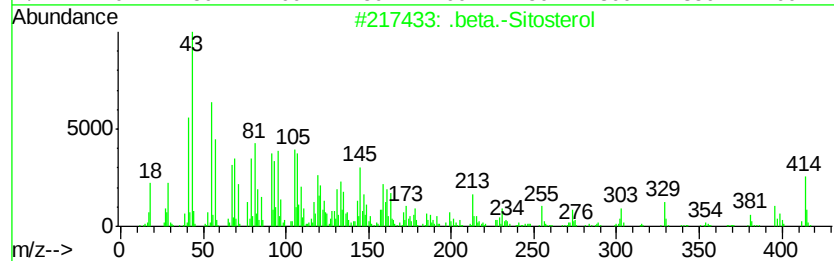
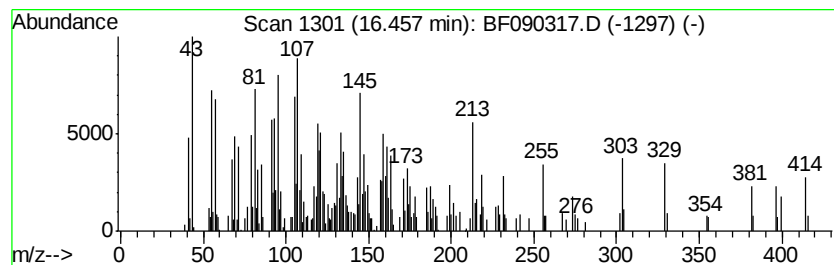
Instrument :
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ClientSampleId :
PA-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 .beta.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.46	11.89 ng	395817	Perylene-d12	14.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	93
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	70
3	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	41
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	38
5	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF090317\
Data File : BF090317.D
Acq On : 30 Sep 2016 17:08
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Sample : H5025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-4

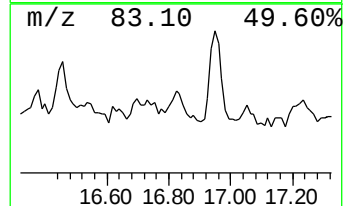
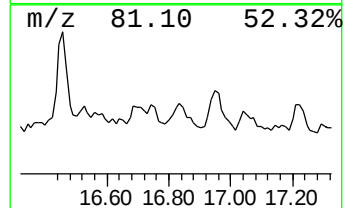
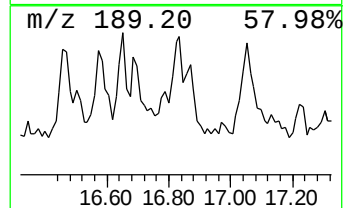
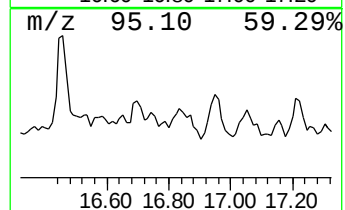
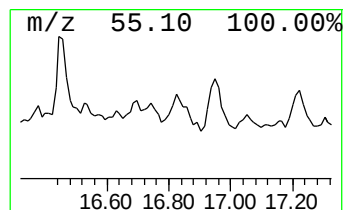
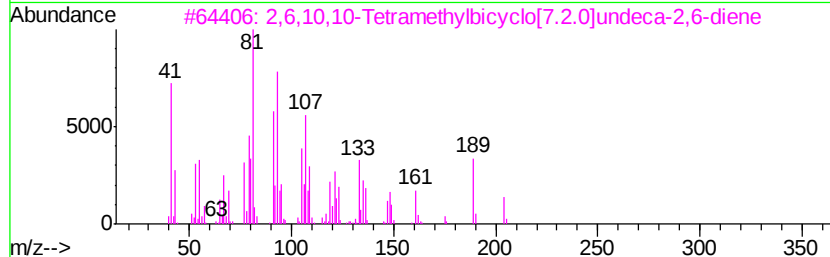
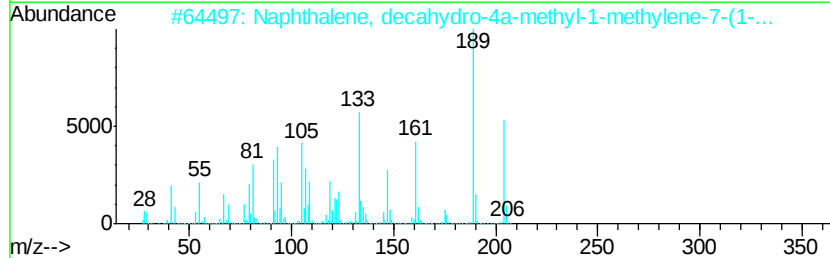
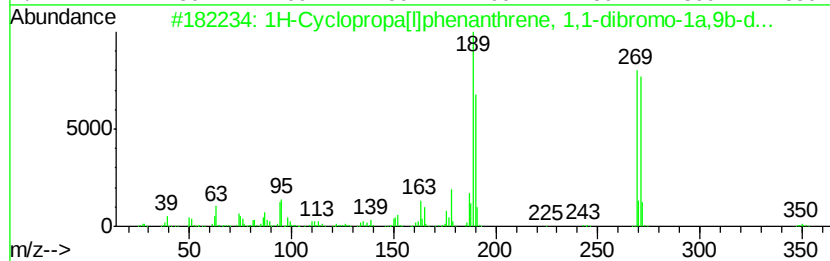
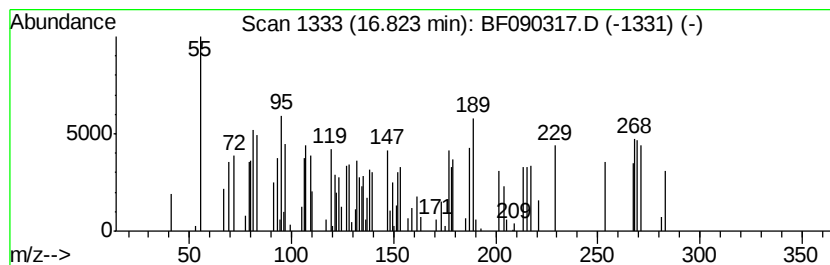
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.82 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	4.08 ng	135758	Perylene-d12	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[1]phenanthrene, 1,...	348	C15H10Br2	068129-60-2	14
2		Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	14
3		2,6,10,10-Tetramethylbicyclo[7.2...	204	C15H24	136296-37-2	10
4		4H-Pyrazole-3-carboxylic acid, (...)	271	C11H8F3N3O2	1000303-94-6	10
5		Thiazole, 5-ethyl-4-phenyl-	189	C11H11NS	014229-94-8	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
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Operator : UM/SJ
Sample : H5025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

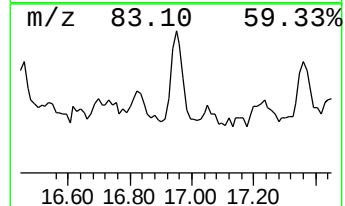
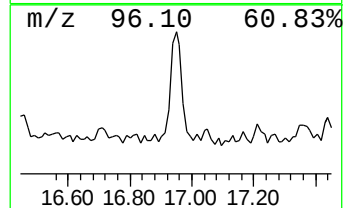
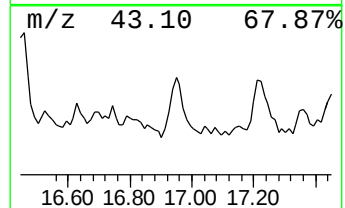
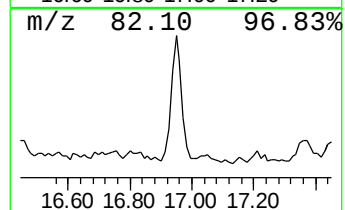
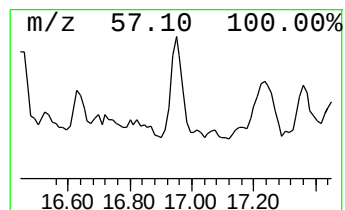
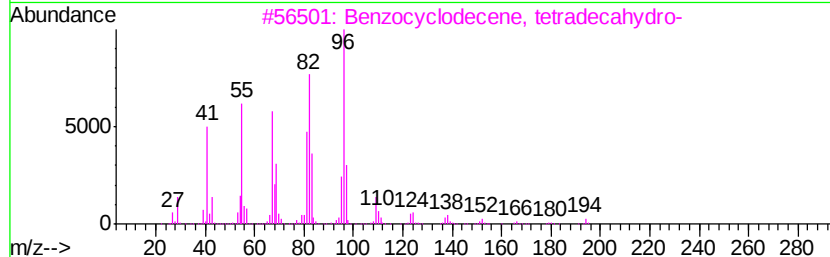
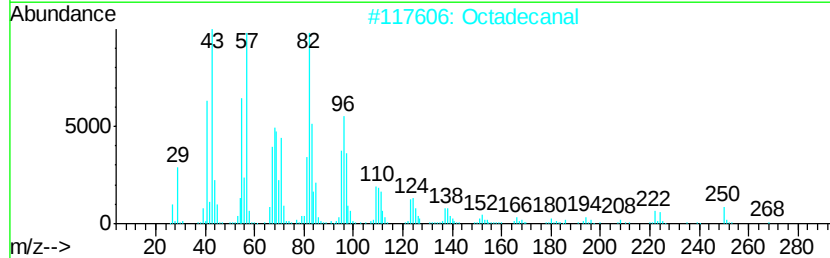
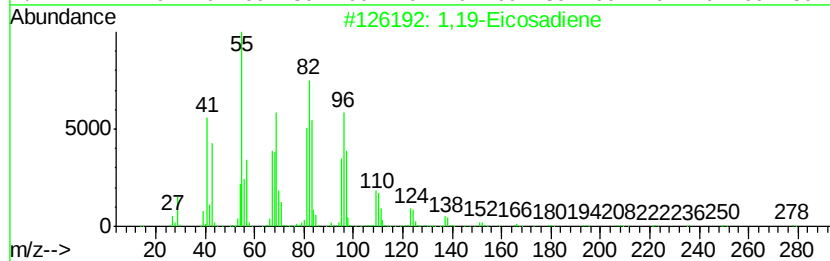
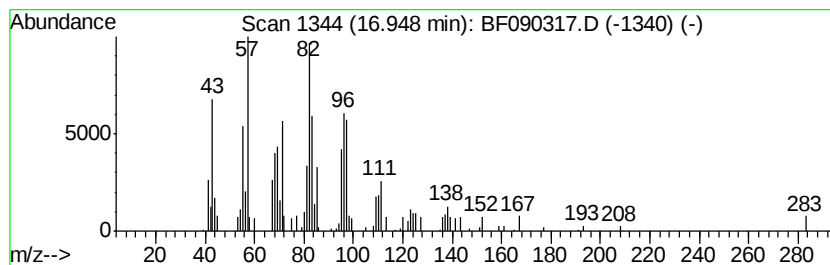
Instrument :
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ClientSampleId :
PA-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,19-Eicosadiene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.95	4.59 ng	152812	Perylene-d12	14.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	72
2	Octadecanal	268	C18H36O	000638-66-4	50
3	Benzocyclodecene, tetradecahydro-	194	C14H26	061142-06-1	47
4	E-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000130-80-4	46
5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090317.D
Acq On : 30 Sep 2016 17:08
Operator : UM/SJ
Sample : H5025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-4

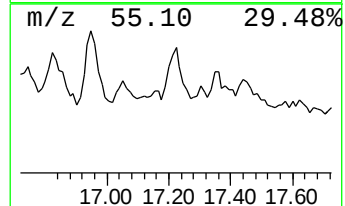
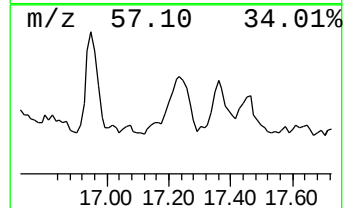
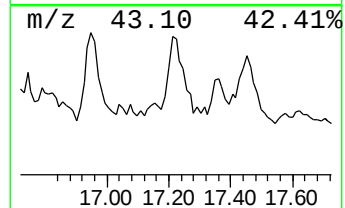
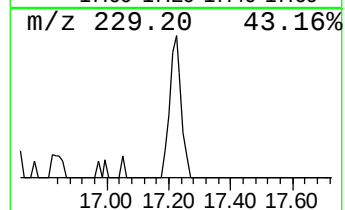
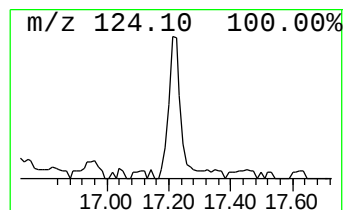
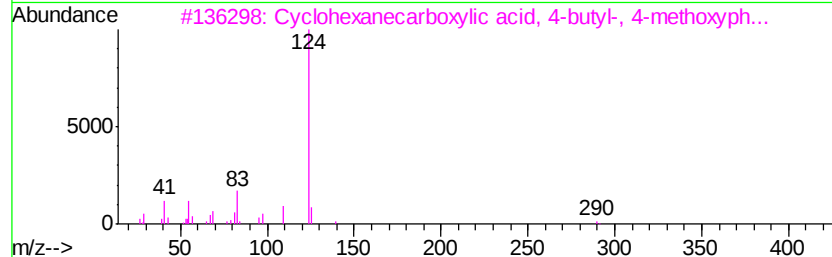
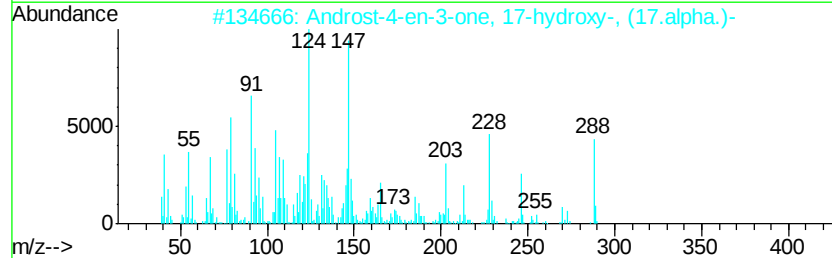
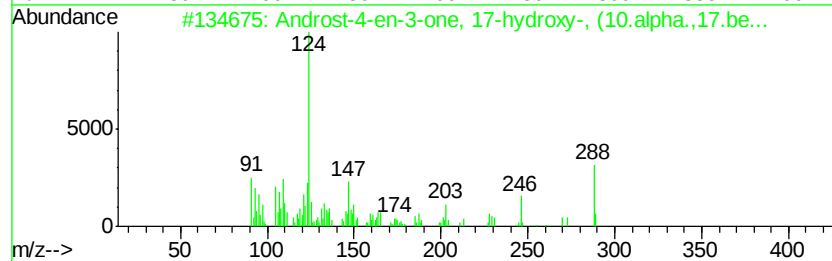
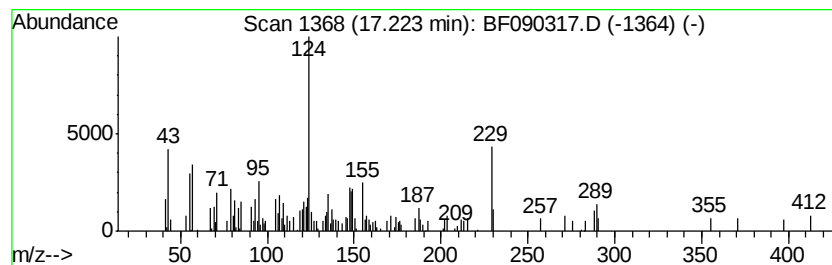
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.22 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	5.35 ng	177993	Perylene-d12	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	46
2			Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000481-30-1	25
3			Cyclohexanecarboxylic acid, 4-bu...	290	C18H26O3	067589-46-2	25
4			4H-Pyran-4-one, 3,5-dimethyl-	124	C7H8O2	019083-61-5	22
5			5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090317.D
Acq On : 30 Sep 2016 17:08
Operator : UM/SJ
Sample : H5025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-4

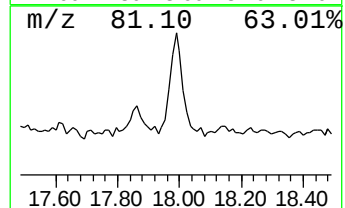
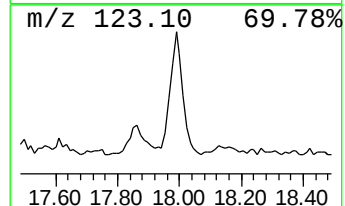
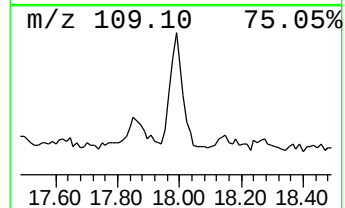
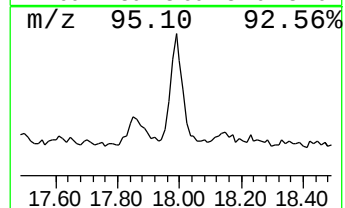
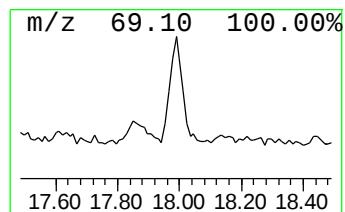
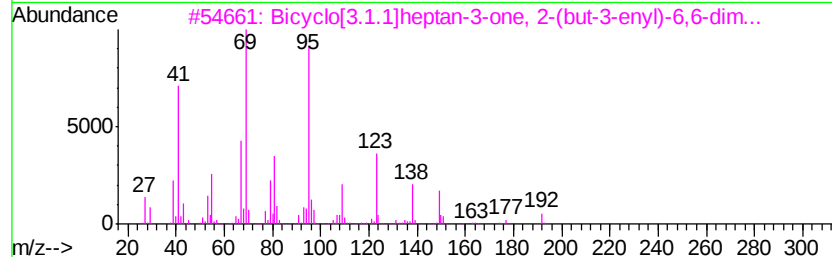
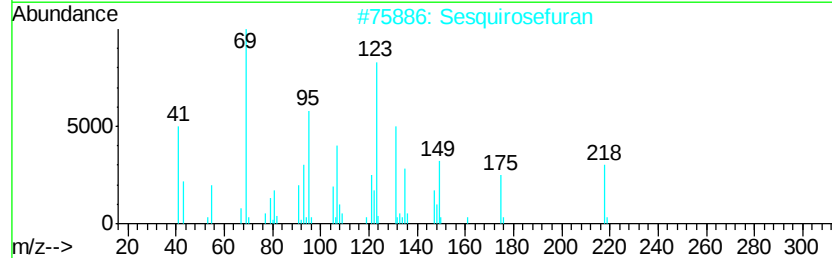
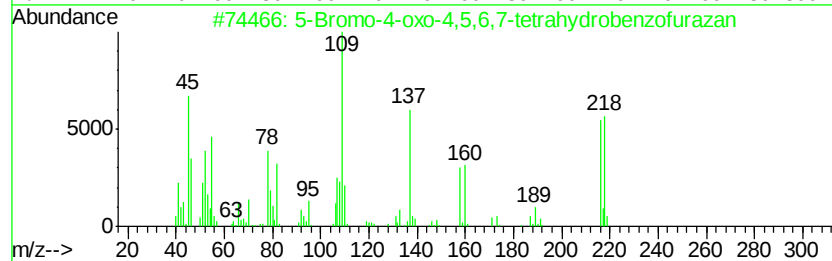
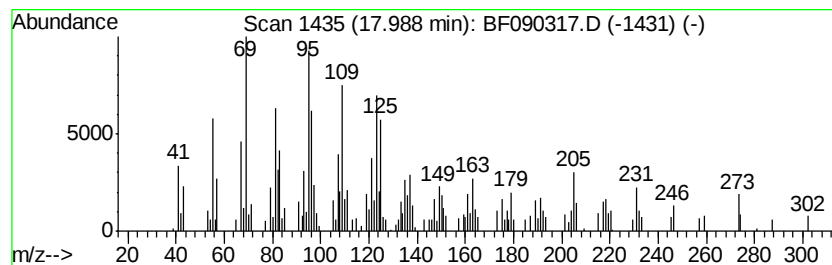
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	9.90 ng	329524	Perylene-d12	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	68
2			Sesquirosefuran	218	C15H22O	039007-93-7	46
3			Bicyclo[3.1.1]heptan-3-one, 2-(b...	192	C13H20O	1000163-96-1	43
4			3(4H)-Phenanthrenone, 4a,4b,5,6,...	246	C17H26O	057684-12-5	38
5			4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
 Data File : BF090317.D
 Acq On : 30 Sep 2016 17:08
 Operator : UM/SJ
 Sample : H5025-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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
2-Pentanone, 4-hy...	4.52	13.4	ng	524959	1	6.44	780493	20.0
unknown6.22	6.22	67.8	ng	2644450	1	6.44	780493	20.0
n-Nonadecanol-1	13.45	9.9	ng	446464	5	13.55	898233	20.0
Nonadecyl pentafl...	14.08	8.6	ng	385137	5	13.55	898233	20.0
Octadecanal	14.49	6.7	ng	224009	6	14.88	665646	20.0
Behenic alcohol	14.66	17.5	ng	581019	6	14.88	665646	20.0
Heneicosane	15.28	8.0	ng	265800	6	14.88	665646	20.0
n-Tetracosanol-1	15.31	7.0	ng	234213	6	14.88	665646	20.0
Oxirane, hexadecyl-	15.89	8.2	ng	271974	6	14.88	665646	20.0
unknown16.02	16.02	4.3	ng	141646	6	14.88	665646	20.0
unknown16.14	16.14	8.6	ng	285817	6	14.88	665646	20.0
unknown16.25	16.25	10.0	ng	333529	6	14.88	665646	20.0
.beta.-Sitosterol	16.46	11.9	ng	395817	6	14.88	665646	20.0
unknown16.82	16.82	4.1	ng	135758	6	14.88	665646	20.0
1,19-Eicosadiene	16.95	4.6	ng	152812	6	14.88	665646	20.0
unknown17.22	17.22	5.3	ng	177993	6	14.88	665646	20.0
5-Bromo-4-oxo-4,5...	17.99	9.9	ng	329524	6	14.88	665646	20.0