

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
 Data File : BF090892.D
 Acq On : 28 Oct 2016 2:57
 Operator : UM/SJ
 Sample : H5427-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND-008

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-BF102616.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.933	246	249	257	rBV	531134	739737	20.98%	2.176%
2	5.367	284	287	289	rBV	3094298	3075236	87.24%	9.044%
3	6.419	376	379	381	rBV	3098311	3474612	98.56%	10.219%
4	6.544	387	390	392	rBV	3299180	3495952	99.17%	10.282%
5	6.773	408	410	420	rBV	962561	917130	26.02%	2.697%
6	6.933	421	424	426	rBV	2543455	2594357	73.59%	7.630%
7	7.344	457	460	462	rBV	1852251	2054972	58.29%	6.044%
8	8.064	520	523	525	rBV	1103192	1148421	32.58%	3.377%
9	9.139	615	617	620	rBV	4050134	3525210	100.00%	10.368%
10	9.539	649	652	654	rBV	660790	667844	18.94%	1.964%
11	9.813	674	676	678	rBV	1519568	1234164	35.01%	3.630%
12	10.259	711	715	716	rBV	52554	81021	2.30%	0.238%
13	10.476	730	734	737	rBV	27918	48298	1.37%	0.142%
14	10.602	742	745	747	rBV	2010696	1829434	51.90%	5.380%
15	10.728	754	756	762	rVB	106414	121352	3.44%	0.357%
16	11.173	793	795	797	rBV	62459	55613	1.58%	0.164%
17	11.299	804	806	808	rBV	832653	861457	24.44%	2.534%
18	12.888	942	945	947	rBV	2216292	2479724	70.34%	7.293%
19	13.791	1021	1024	1028	rBV	94727	143911	4.08%	0.423%
20	13.928	1034	1036	1039	rBV	766214	914424	25.94%	2.689%
21	14.236	1060	1063	1065	rBV3	16581	39612	1.12%	0.116%
22	14.419	1074	1079	1082	rBV2	63886	132119	3.75%	0.389%
23	14.785	1109	1111	1114	rBV	31413	40782	1.16%	0.120%
24	14.854	1114	1117	1119	rBV	51169	74665	2.12%	0.220%
25	15.025	1130	1132	1136	rVB	69755	109257	3.10%	0.321%
26	15.345	1157	1160	1162	rBV	686738	841100	23.86%	2.474%
27	15.574	1177	1180	1182	rBV	79992	131061	3.72%	0.385%
28	15.791	1196	1199	1201	rBV	80883	130552	3.70%	0.384%
29	16.031	1218	1220	1226	rVB	55101	98311	2.79%	0.289%
30	16.522	1260	1263	1269	rVB	63241	124286	3.53%	0.366%
31	17.243	1322	1326	1329	rBV4	77826	190559	5.41%	0.560%
32	17.311	1329	1332	1336	rVV4	46939	105942	3.01%	0.312%
33	17.437	1340	1343	1346	rVV	99361	223996	6.35%	0.659%
34	17.540	1349	1352	1356	rVV4	51224	171839	4.87%	0.505%

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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.665	1359	1363	1366	rVV2	50031	159008	4.51%	0.468%
36	17.757	1367	1371	1376	rVB3	128876	379854	10.78%	1.117%
37	18.111	1399	1402	1405	rBV5	36616	92745	2.63%	0.273%
38	18.180	1405	1408	1415	rVB2	96167	245269	6.96%	0.721%
39	18.980	1472	1478	1486	rBV	156329	554013	15.72%	1.629%
40	19.140	1486	1492	1499	rVB	222170	694465	19.70%	2.042%

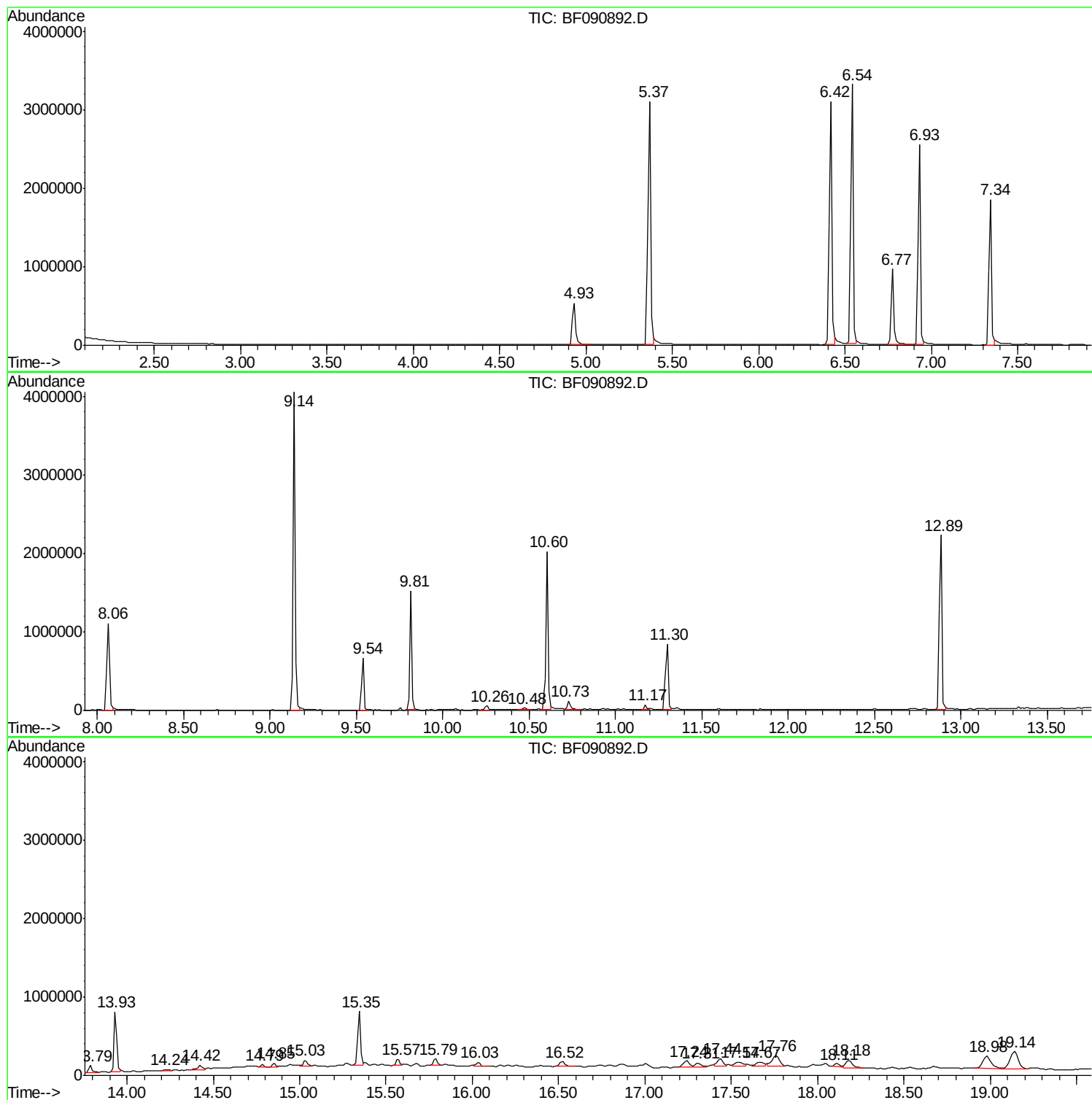
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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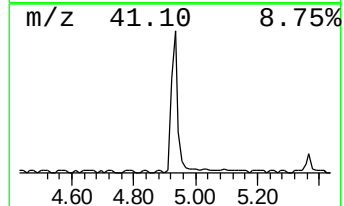
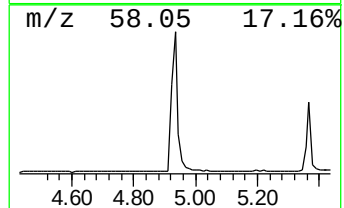
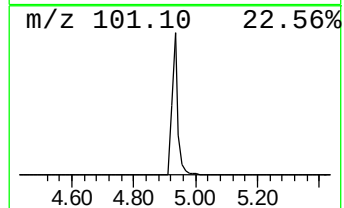
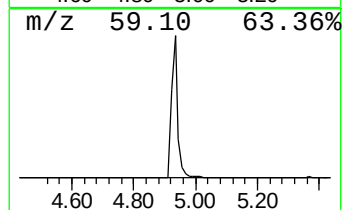
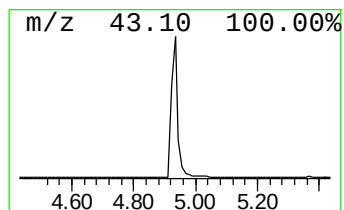
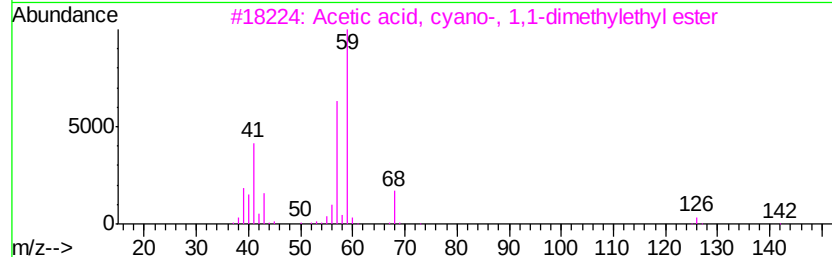
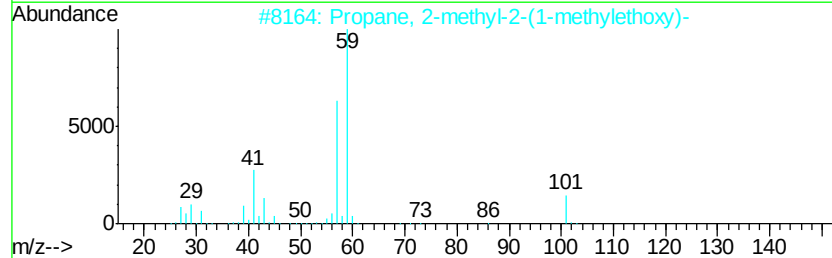
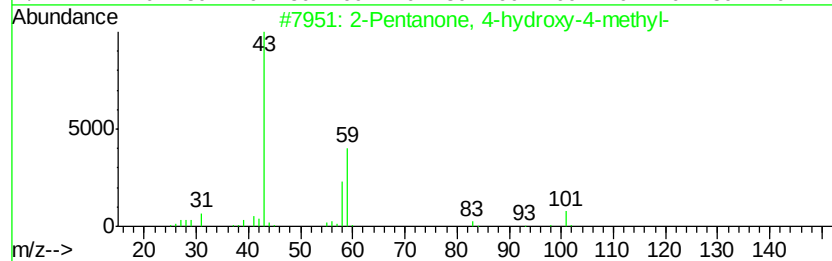
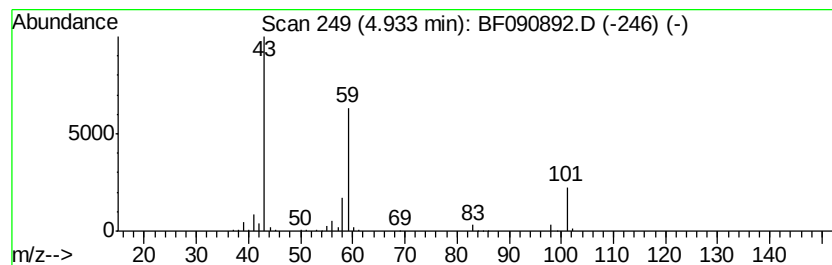
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	16.13 ng	739737	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	53
3		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23
4		Acetone	58	C3H6O	000067-64-1	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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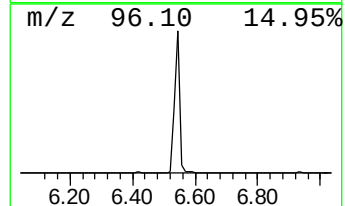
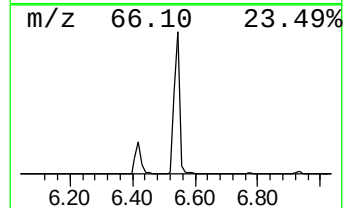
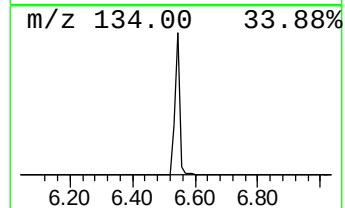
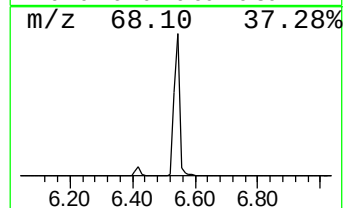
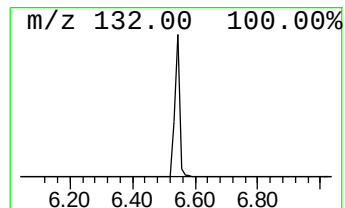
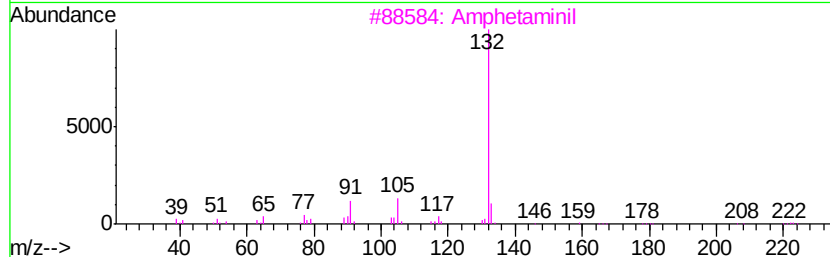
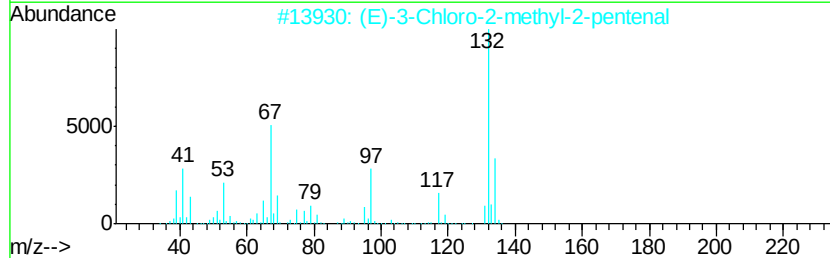
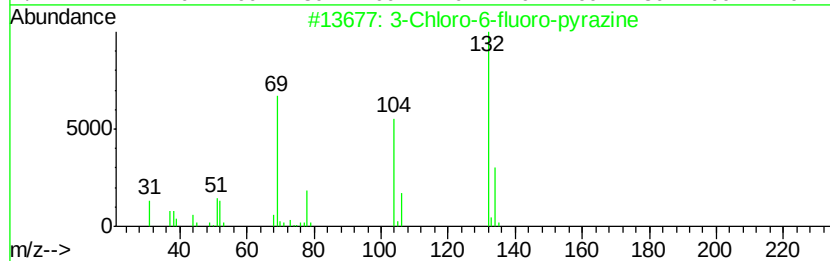
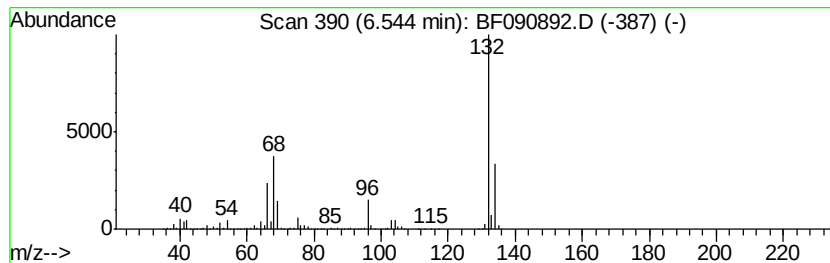
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Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	76.24 ng	3495950	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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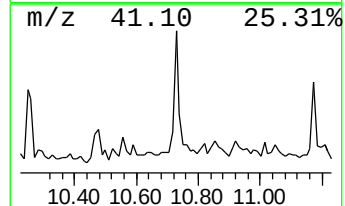
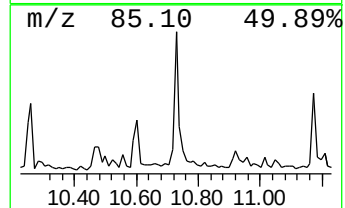
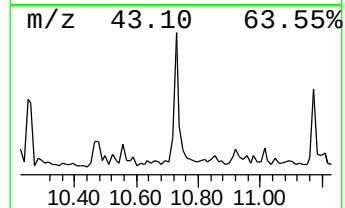
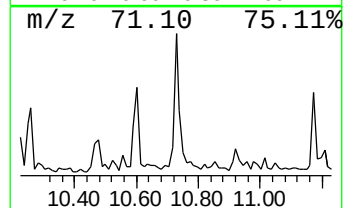
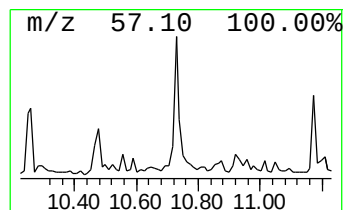
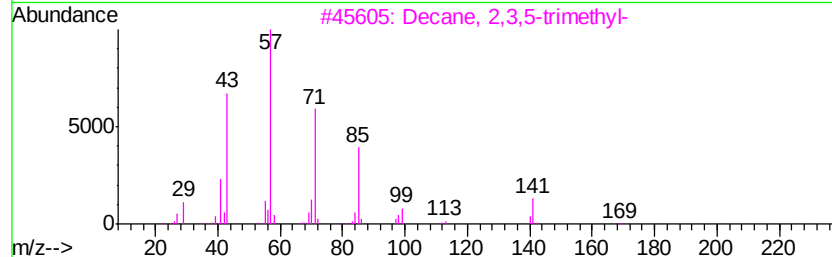
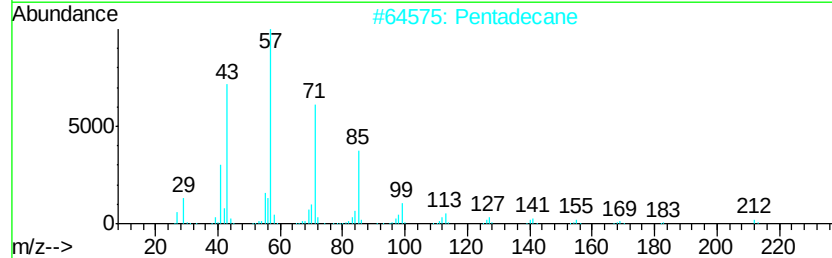
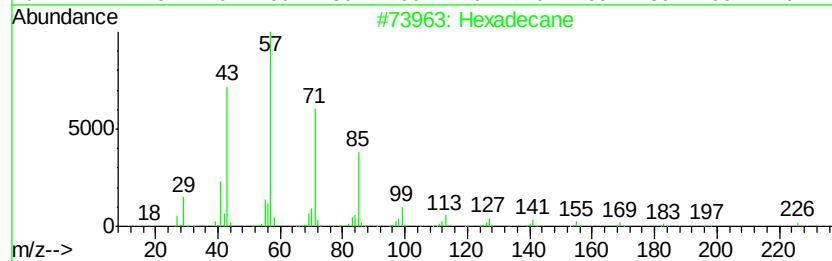
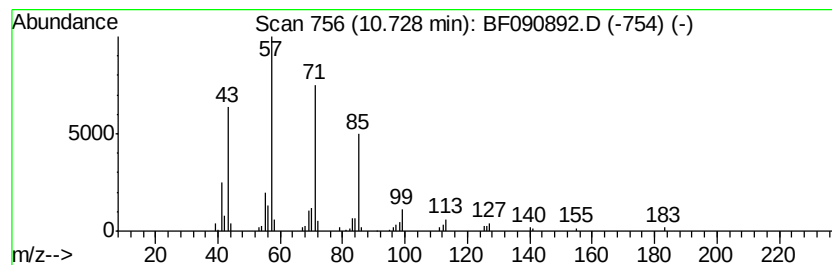
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.73	2.82 ng	121352	Phenanthrene-d10		11.30	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Pentadecane		212	C15H32	000629-62-9	90
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	90
4	Dodecane, 2-methyl-		184	C13H28	001560-97-0	78
5	Borane, diethyl(decyloxy)-		226	C14H31BO	1000152-34-3	72



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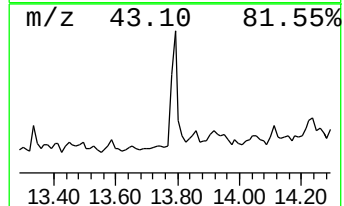
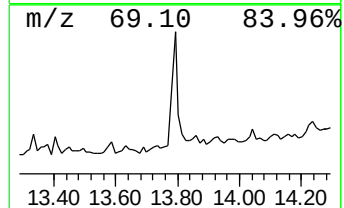
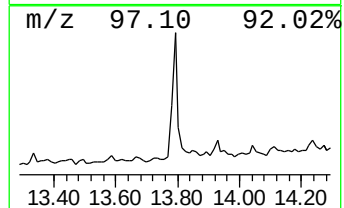
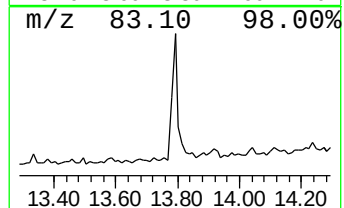
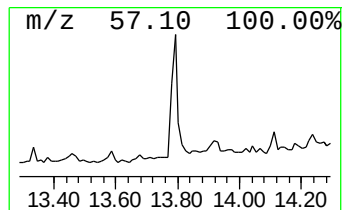
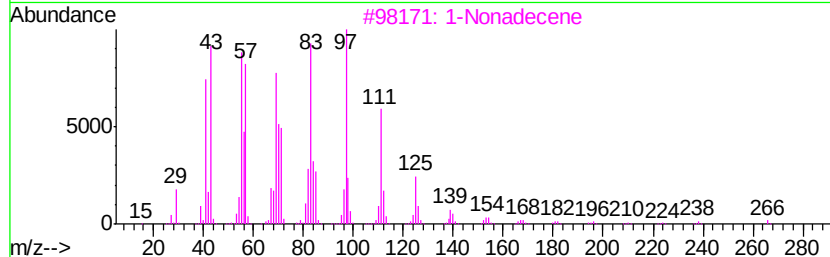
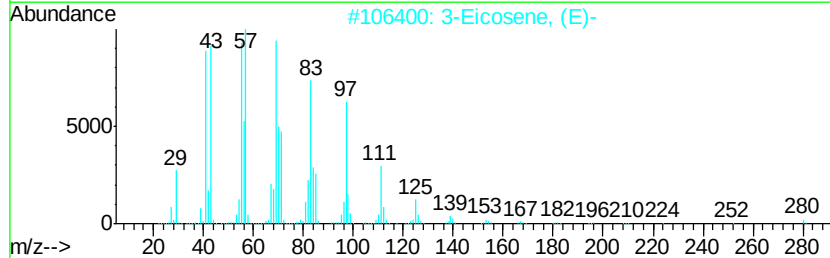
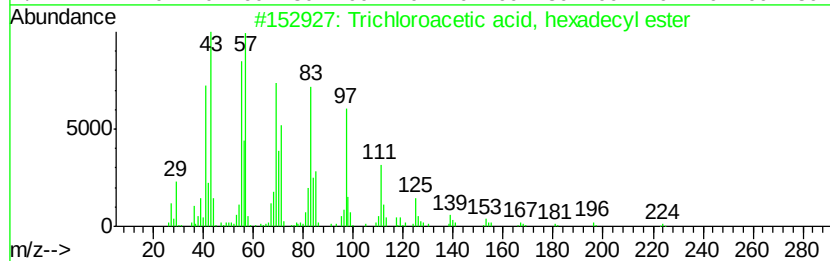
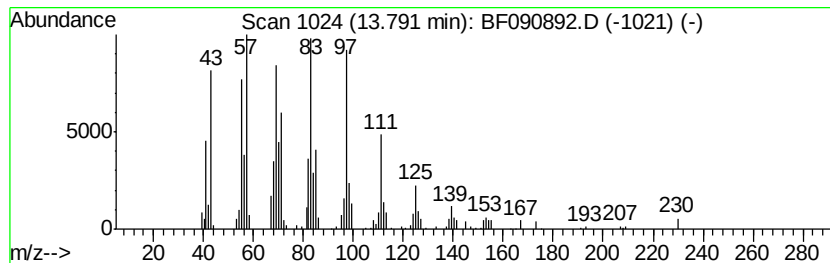
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.15 ng	143911	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		1-Nonadecene	266	C19H38	018435-45-5	91
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		1-Octadecanol	270	C18H38O	000112-92-5	90



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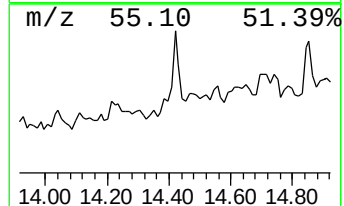
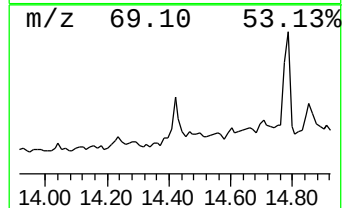
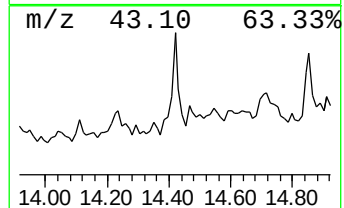
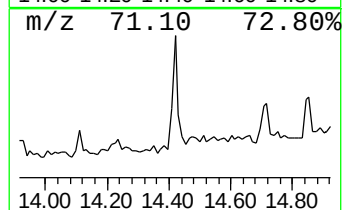
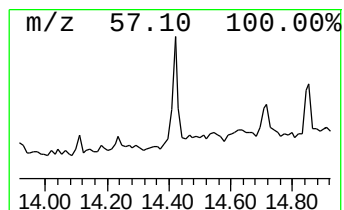
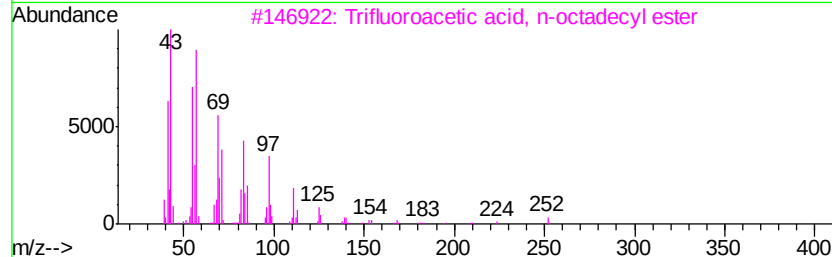
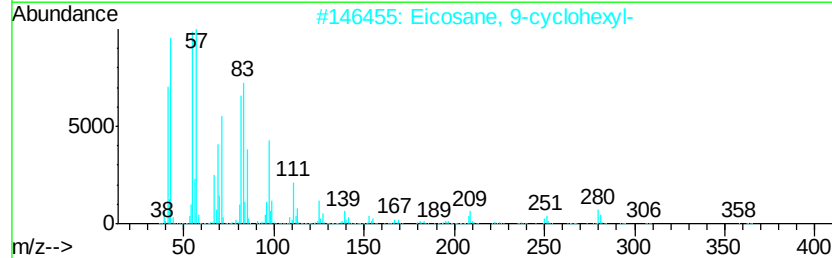
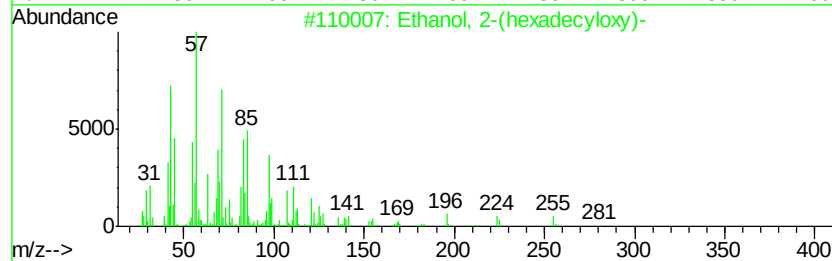
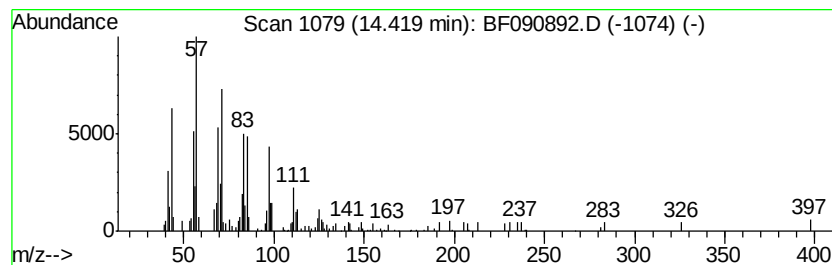
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Ethanol, 2-(hexadecyloxy)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.89 ng	132119	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	64
2		Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	52
3		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	49
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	49
5		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090892.D
Acq On : 28 Oct 2016 2:57
Operator : UM/SJ
Sample : H5427-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-BLEND-008

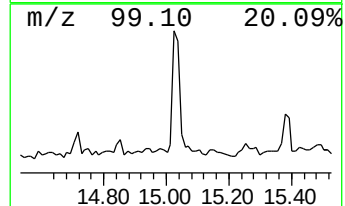
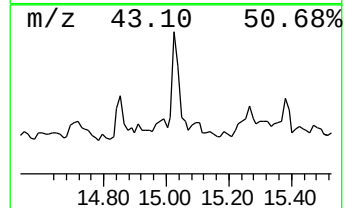
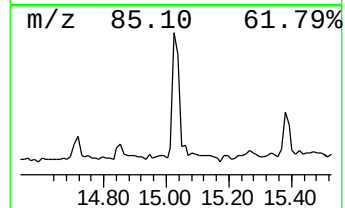
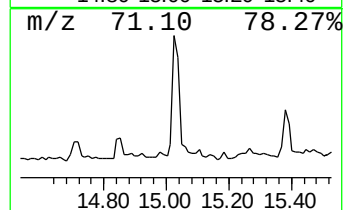
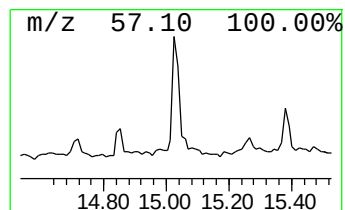
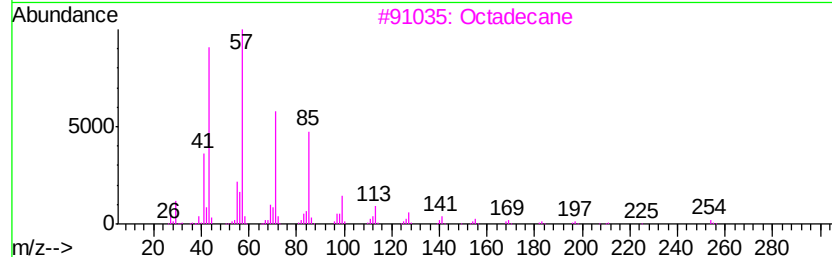
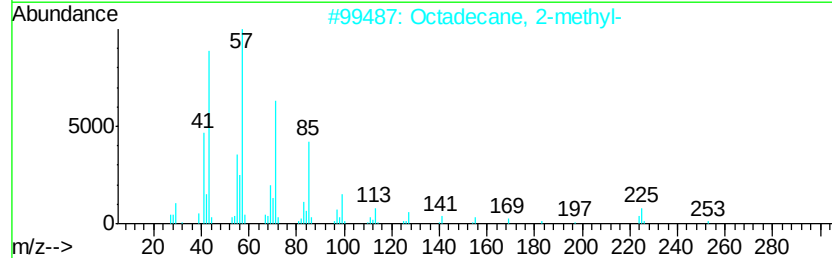
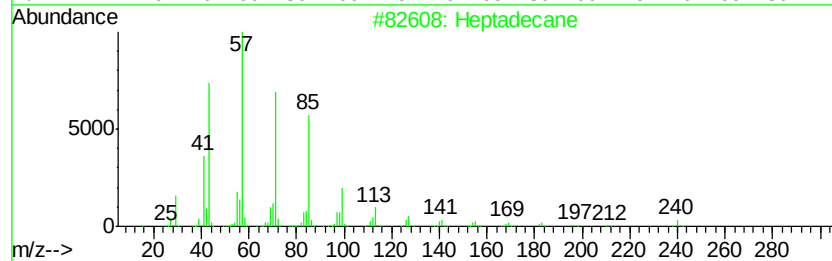
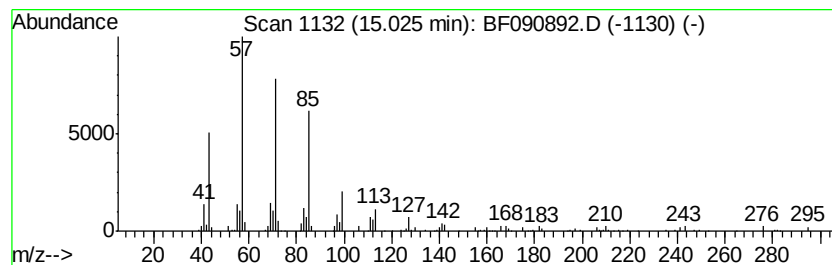
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	2.60 ng	109257	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Nonadecane	268	C19H40	000629-92-5	86
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090892.D
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Operator : UM/SJ
Sample : H5427-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

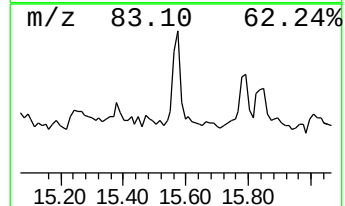
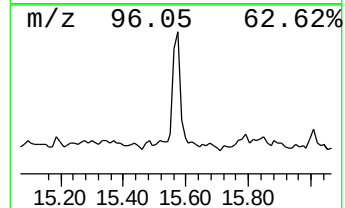
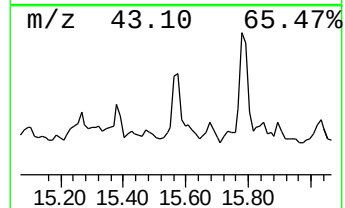
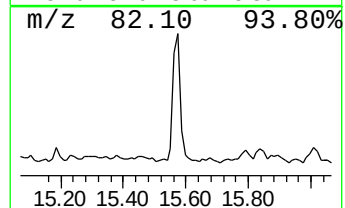
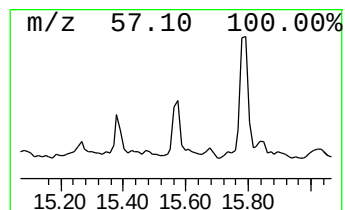
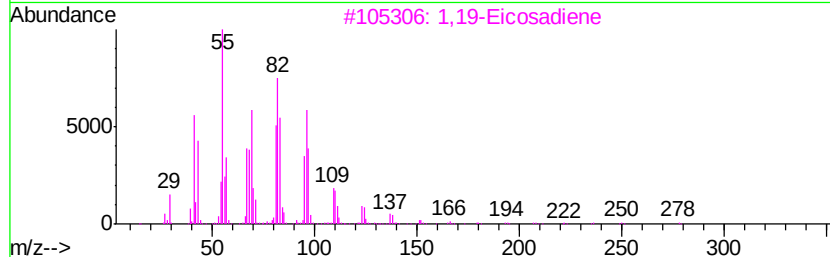
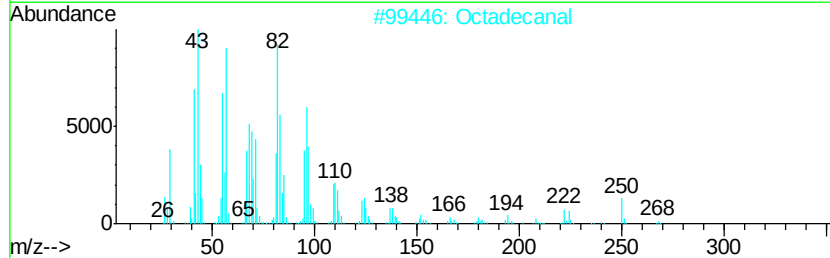
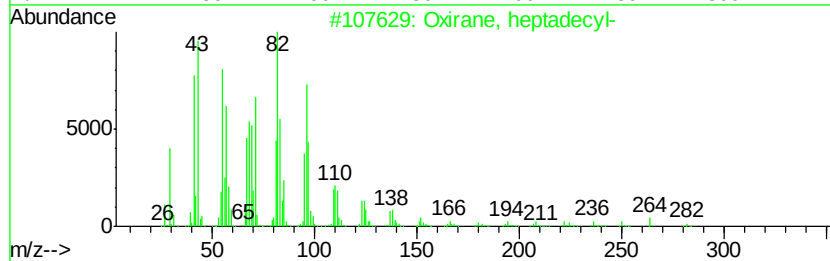
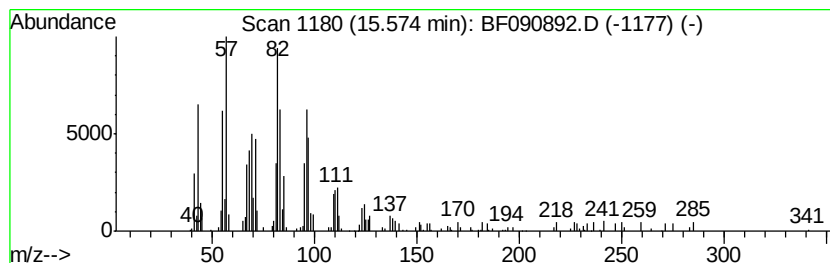
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxirane, heptadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.12 ng	131061	Perylene-d12	15.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Oxirane, heptadecyl-	282 C19H380	067860-04-2 91
2		Octadecanal	268 C18H360	000638-66-4 87
3		1,19-Eicosadiene	278 C20H38	014811-95-1 81
4		Hexadecanal	240 C16H320	000629-80-1 80
5		(Z)-14-Tricosenyl formate	366 C24H4602	077899-10-6 70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090892.D
Acq On : 28 Oct 2016 2:57
Operator : UM/SJ
Sample : H5427-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-BLEND-008

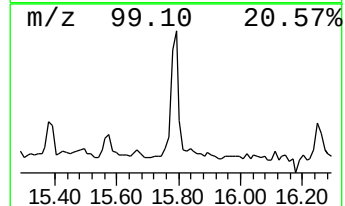
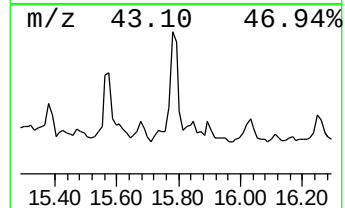
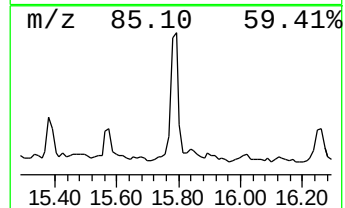
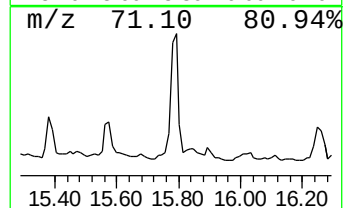
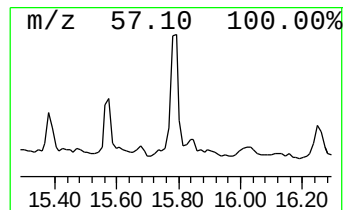
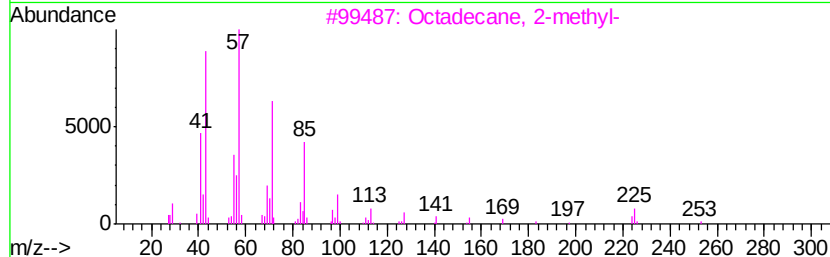
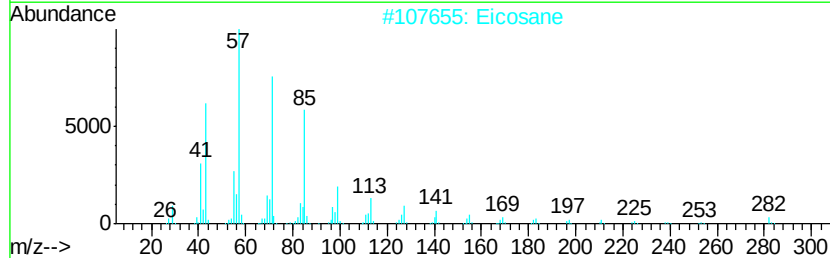
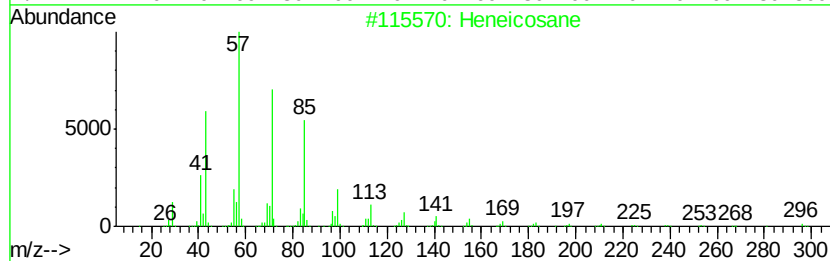
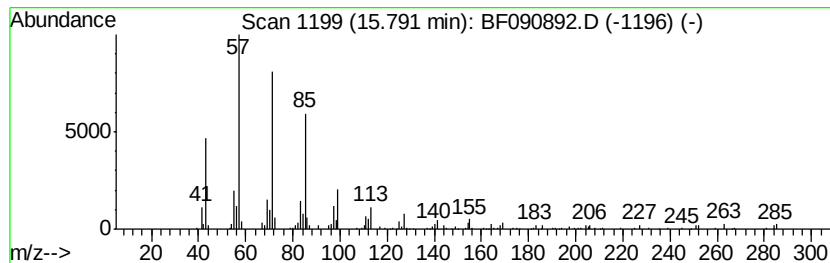
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	3.10 ng	130552	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090892.D
Acq On : 28 Oct 2016 2:57
Operator : UM/SJ
Sample : H5427-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EME-BLEND-008

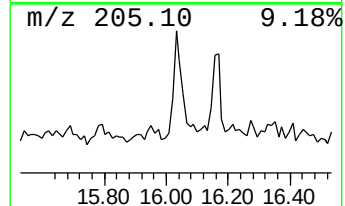
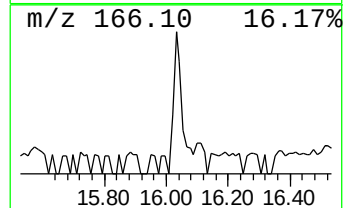
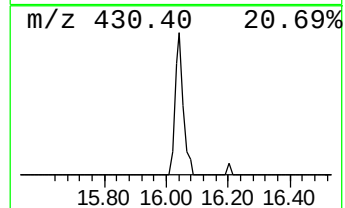
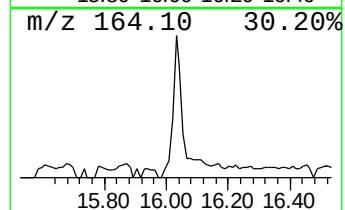
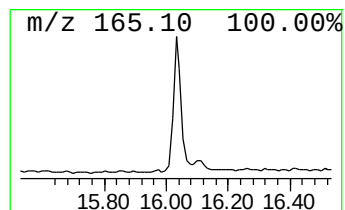
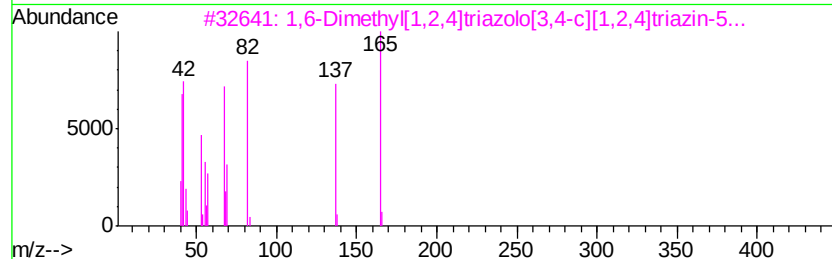
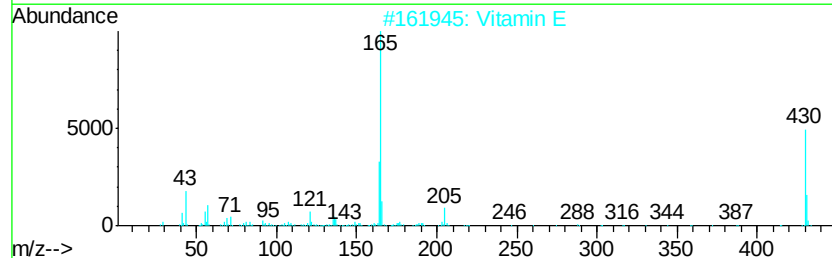
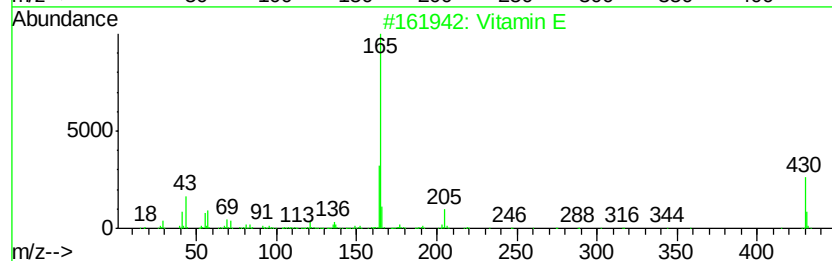
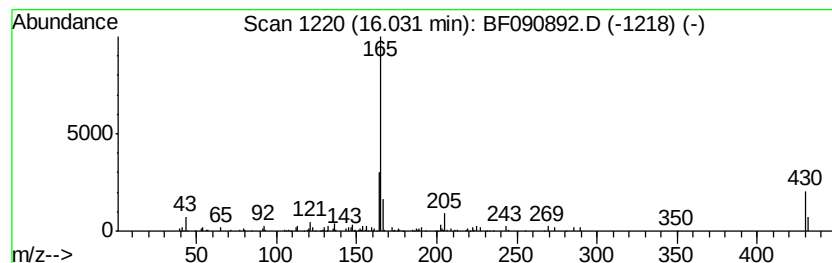
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Vitamin E Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.34 ng	98311	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	010191-41-0	87
2		Vitamin E	430	C29H50O2	000059-02-9	46
3		1,6-Dimethyl[1,2,4]triazolo[3,4-...	165	C6H7N5O	1000146-89-4	43
4		2-Oxo-2-phenylethyl 2,6-dimethox...	300	C17H16O5	283170-58-1	28
5		Benzamide, 4-chloro-, o-(2,6-dim...	334	C16H15ClN2O4	1000263-23-0	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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Sample : H5427-01
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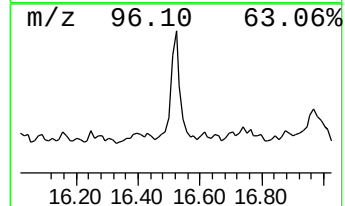
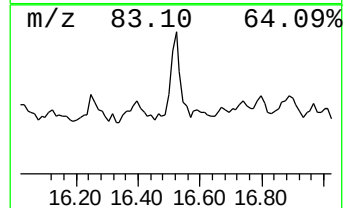
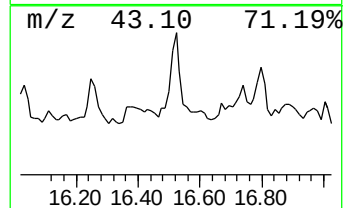
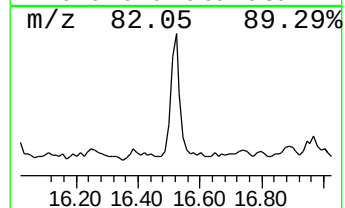
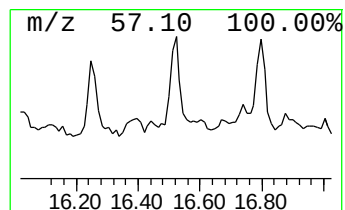
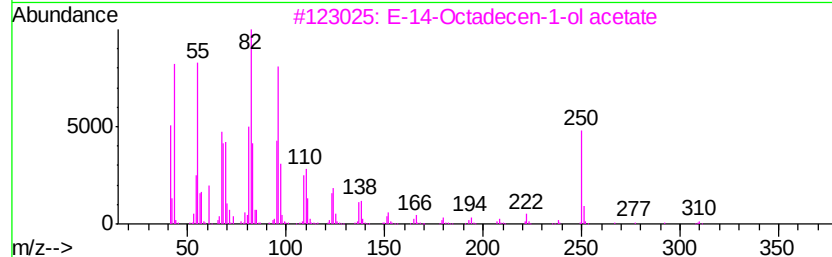
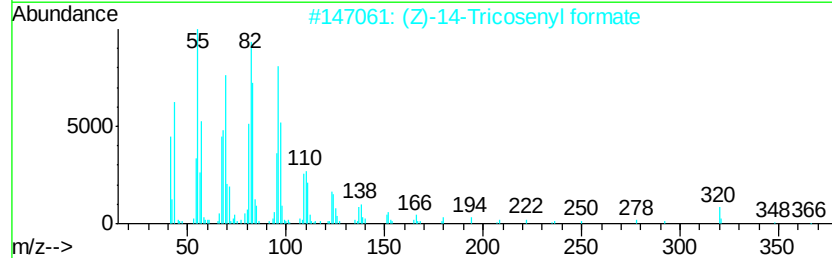
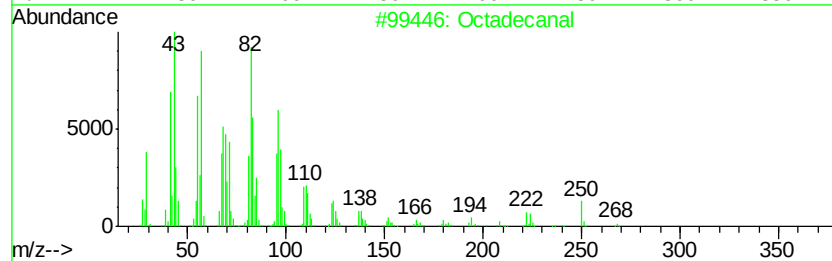
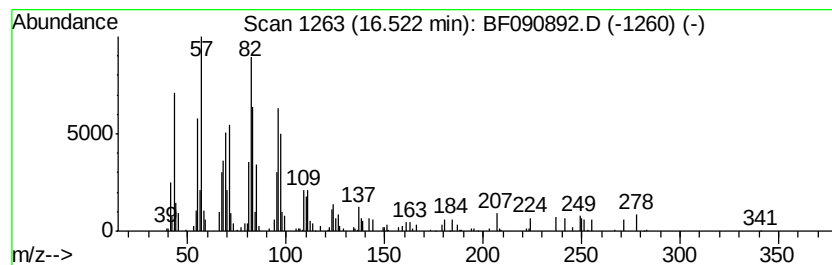
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.52	2.96 ng	124286	Perylene-d12		15.35		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	80
2			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	60
3			E-14-Octadecen-1-ol acetate	310	C20H38O2	1000130-94-0	53
4			Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	53
5			E-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000130-80-4	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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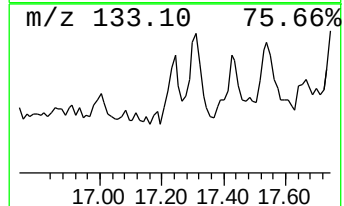
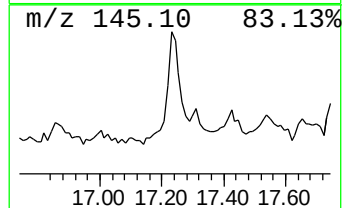
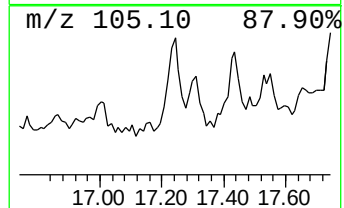
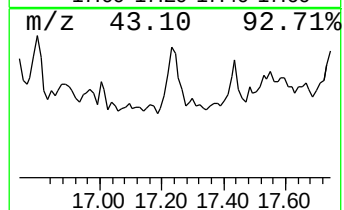
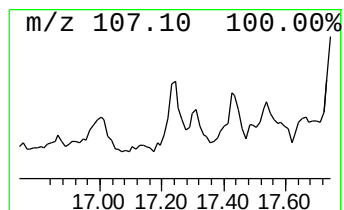
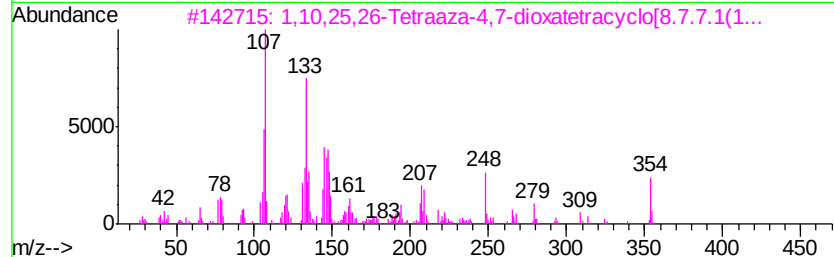
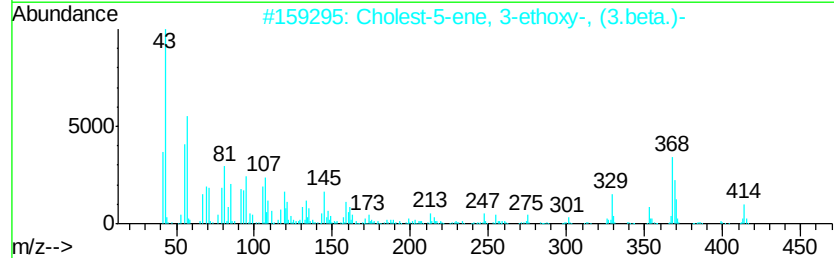
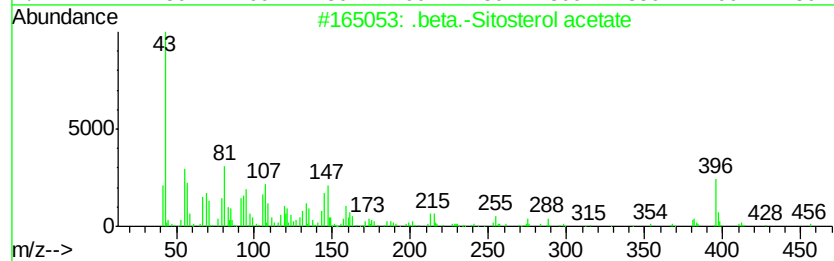
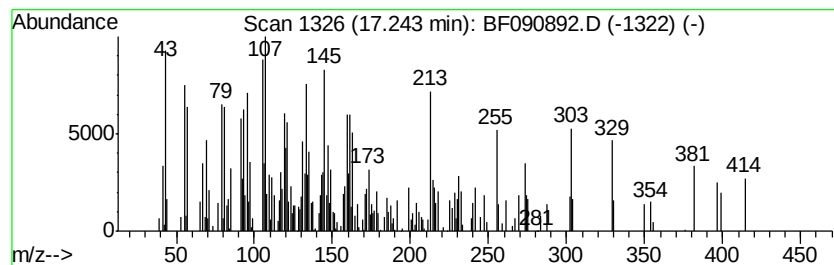
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown17.24 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	4.53 ng	190559	Perylene-d12	15.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol acetate	456 C31H52O2	000915-05-9 32
2		Cholest-5-ene, 3-ethoxy-, (3.beta...	414 C29H50O	000986-19-6 30
3		1,10,25,26-Tetraaza-4,7-dioxatet...	354 C20H26N4O2	286013-88-5 16
4		Acethydrazide, 2-(2-allylphenoxy...	350 C21H22N2O3	1000267-00-2 14
5		1-[3-(Benzothiazol-2-ylsulfanylm...	329 C17H15N02S2	346642-22-6 11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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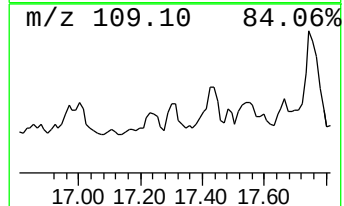
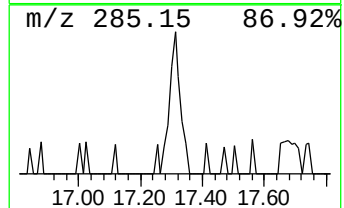
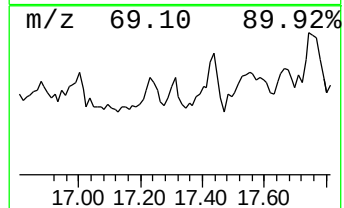
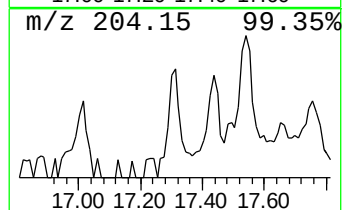
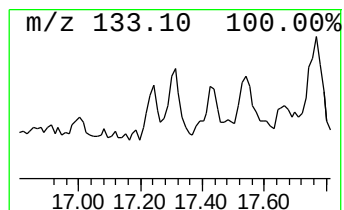
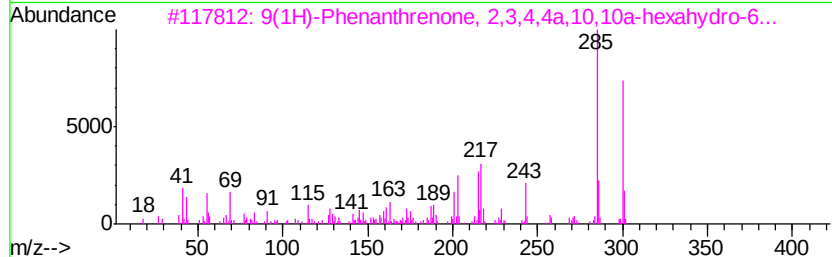
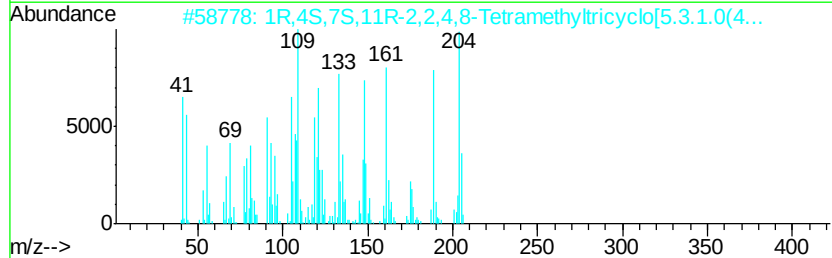
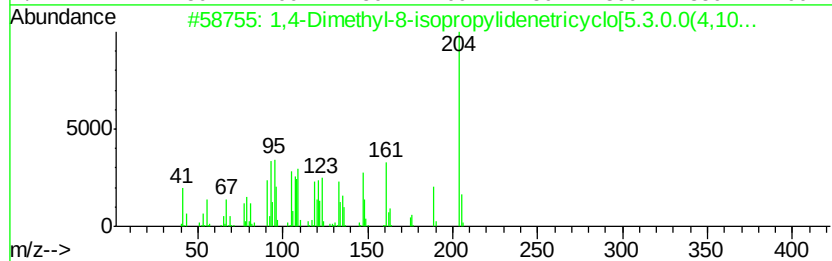
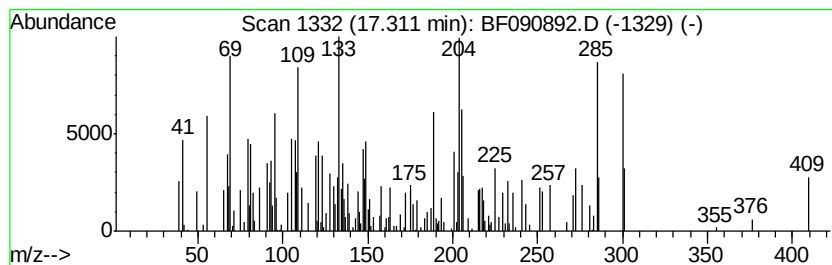
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown17.31 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	2.52 ng	105942	Perylene-d12	15.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204 C15H24	1000140-07-7	41
2	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204 C15H24	1000140-07-6	38
3	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300 C20H28O2	000511-05-7	20
4	2(1H)-Phenanthrenone, 3,4,4a,9,1...	300 C20H28O2	006755-93-7	20
5	Phenanthrene, 1,2,3,4,4a,9,10,10...	300 C21H32O	015340-83-7	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090892.D
Acq On : 28 Oct 2016 2:57
Operator : UM/SJ
Sample : H5427-01
Misc :
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ClientSampleId :
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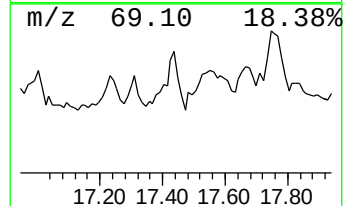
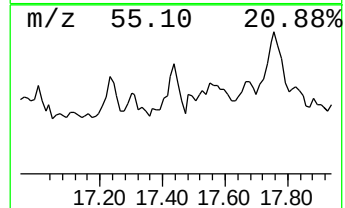
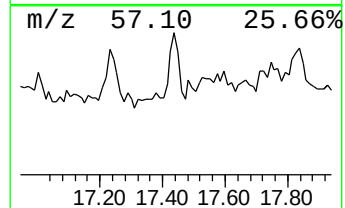
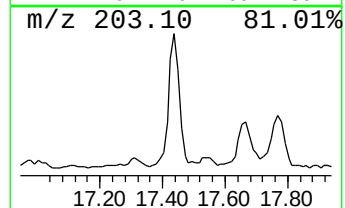
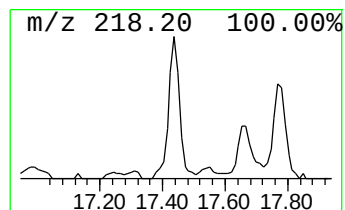
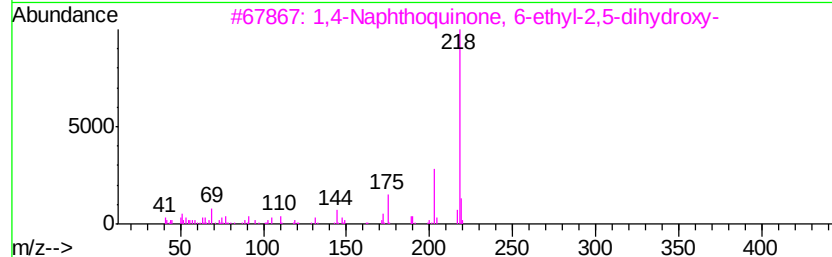
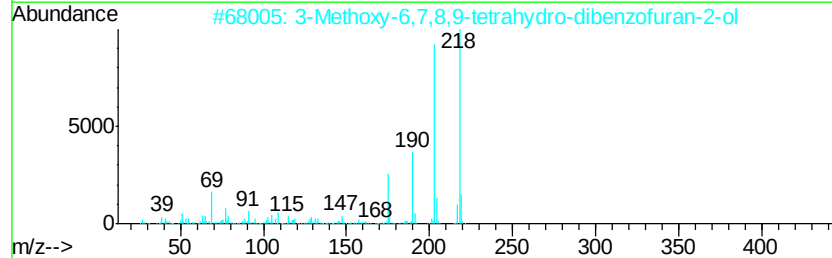
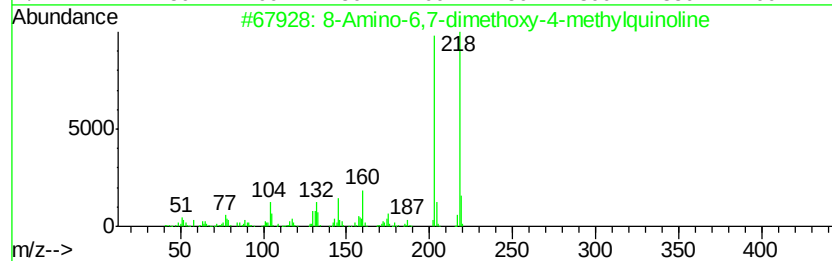
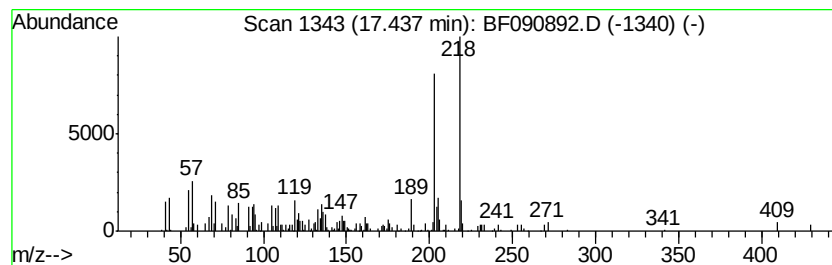
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 8-Amino-6,7-dimethoxy-4-met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	5.33 ng	223996	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	72
2		3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	64
3		1,4-Naphthoquinone, 6-ethyl-2,5-...	218	C12H10O4	013378-87-5	50
4		1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	47
5		.beta.-Amyrin	426	C30H50O	000559-70-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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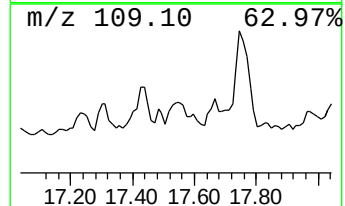
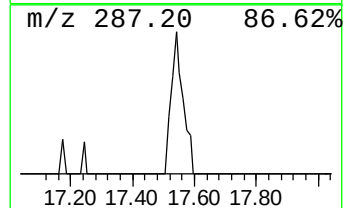
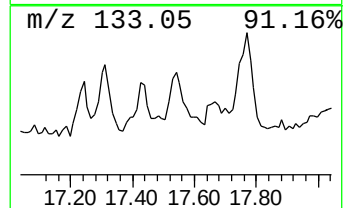
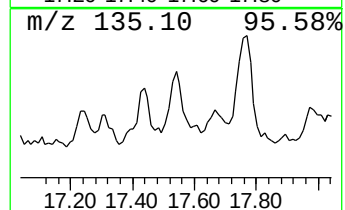
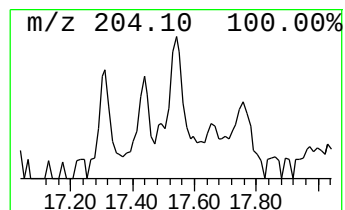
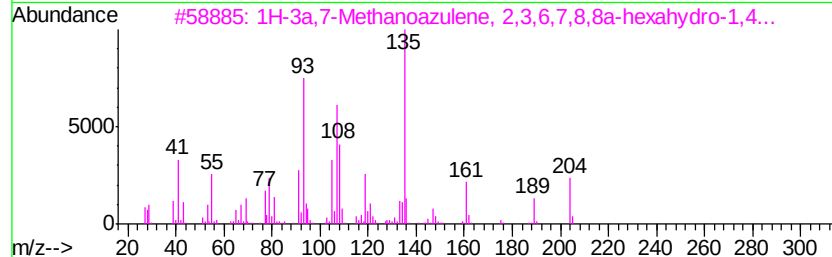
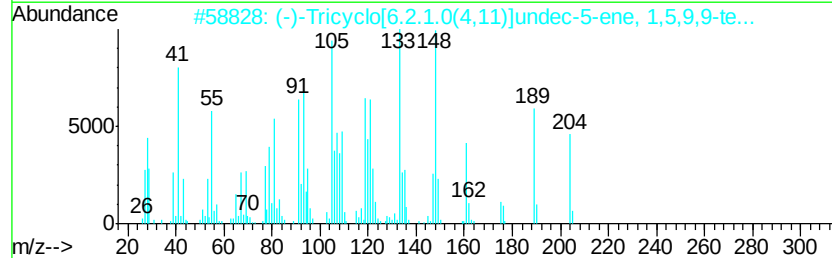
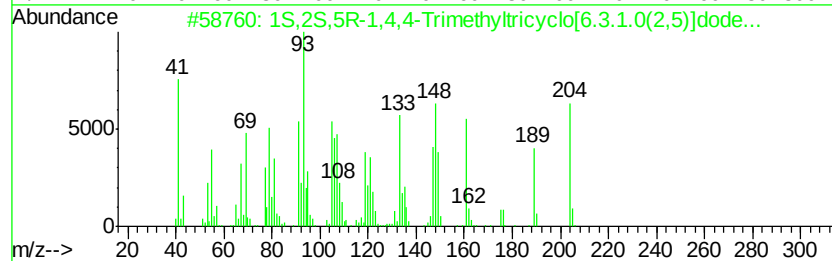
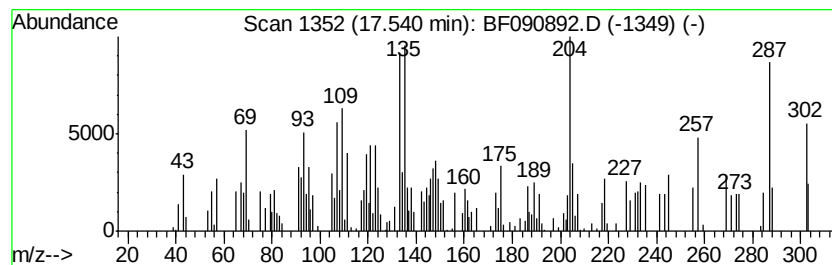
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown17.54 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	4.09 ng	171839	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1S,2S,5R-1,4,4-Trimethyltricyclo...	204	C15H24	1000140-07-5	25
2		(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	25
3		1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	22
4		Cyclopropene, 1,3-dimethyl-2,3-b...	204	C7H6F6	054932-73-9	22
5		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090892.D
Acq On : 28 Oct 2016 2:57
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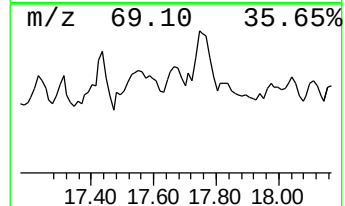
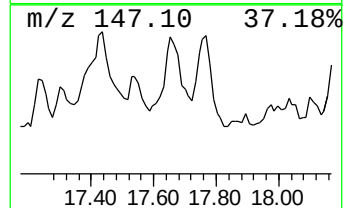
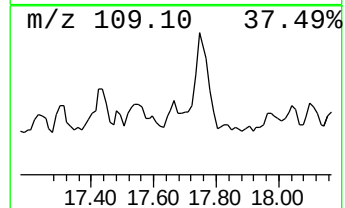
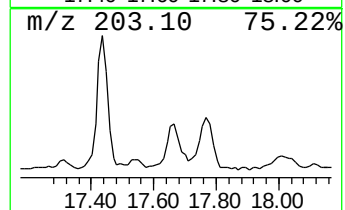
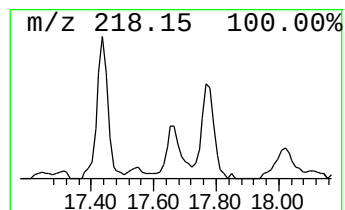
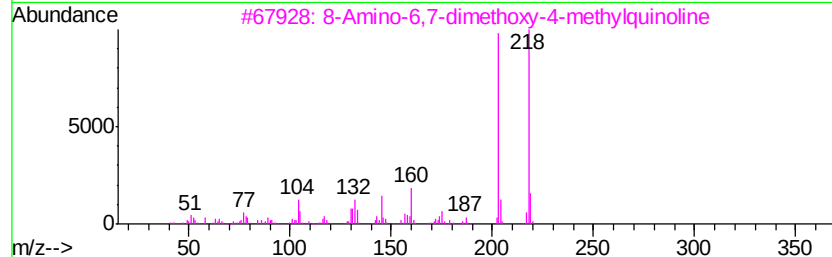
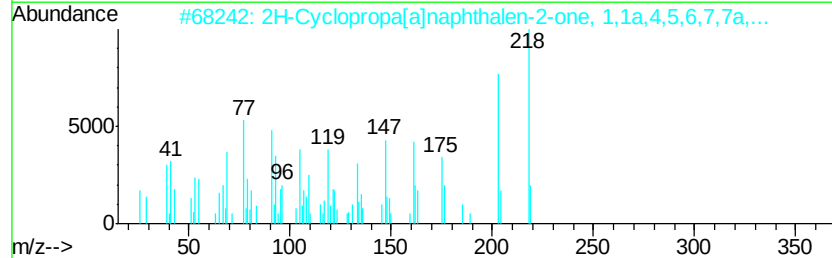
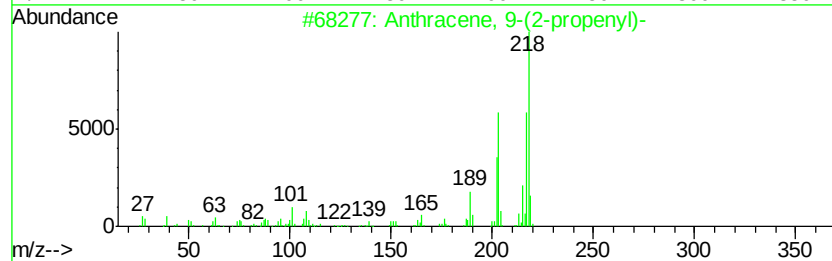
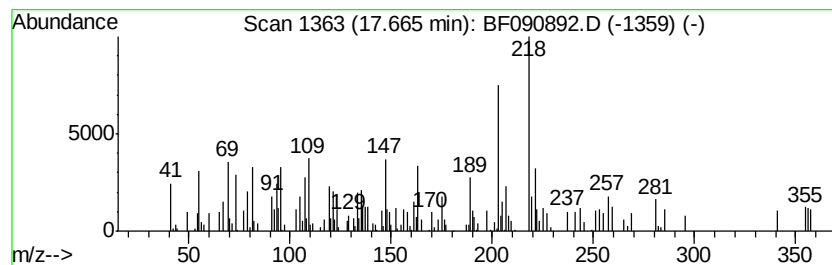
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Anthracene, 9-(2-propenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	3.78 ng	159008	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	52
2		2H-Cyclopropa[alnaphthalen-2-one...	218	C15H22O	006831-17-0	50
3		8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	50
4		Indolizine, 1-acetyl-2-methyl-6-...	218	C11H10N2O3	1000071-33-1	50
5		2-Chloro-5,6-dimethyl-1-(2-propy...	218	C12H11ClN2	080276-20-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090892.D
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Misc :
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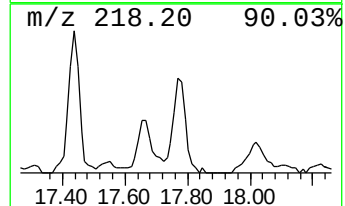
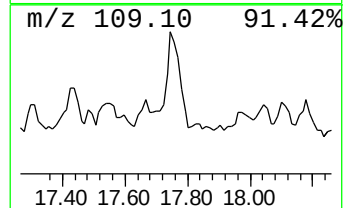
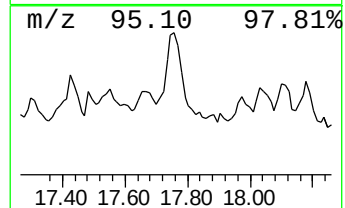
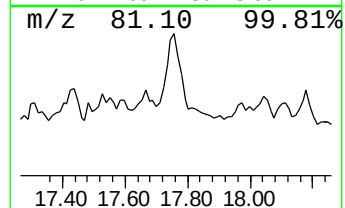
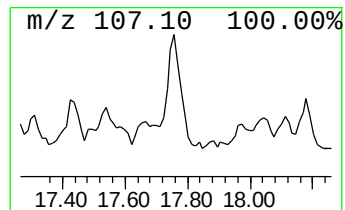
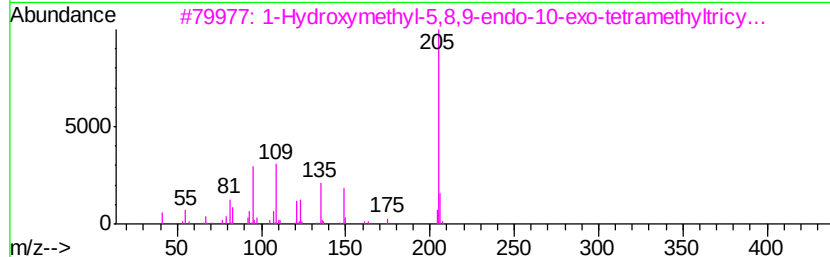
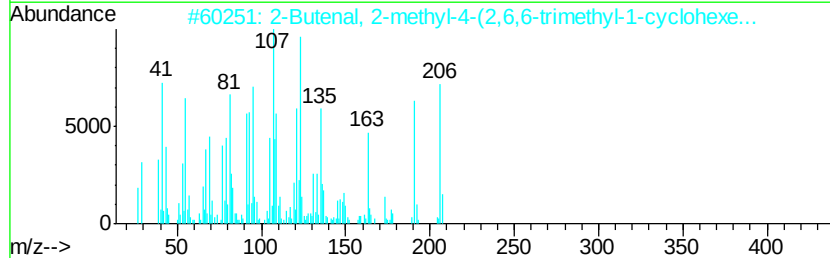
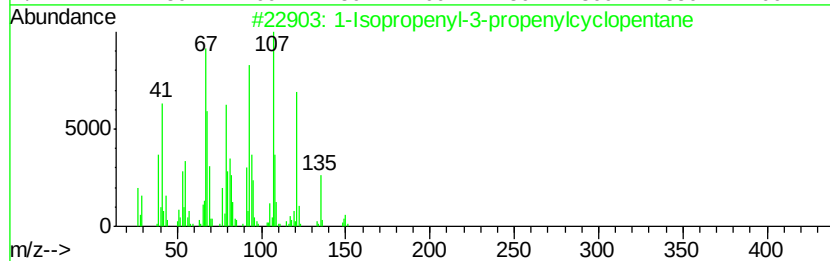
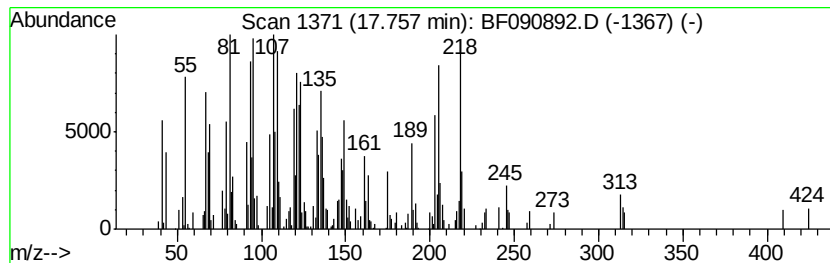
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.76 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	9.03 ng	379854	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenyl-3-propenylcyclopent...	150	C11H18	1000192-81-2	43
2		2-Butenal, 2-methyl-4-(2,6,6-tri...	206	C14H22O	003155-71-3	41
3		1-Hydroxymethyl-5,8,9-endo-10-ex...	236	C16H28O	1000140-32-9	38
4		1-Formyl-2,2,6-trimethyl-3-cis-(...	220	C15H24O	1000144-10-1	30
5		Androstan-17-one, 16,16-dimethyl...	302	C21H34O	056052-96-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
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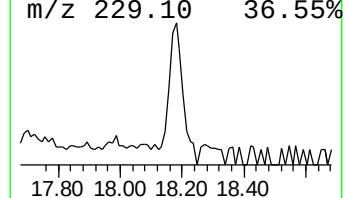
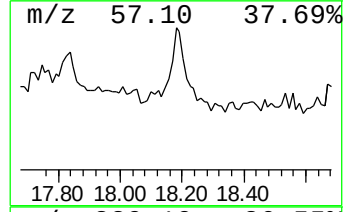
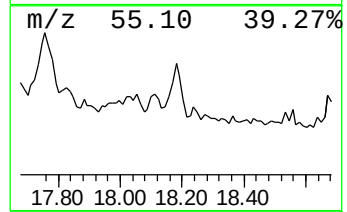
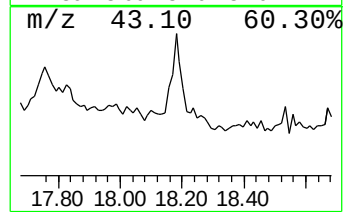
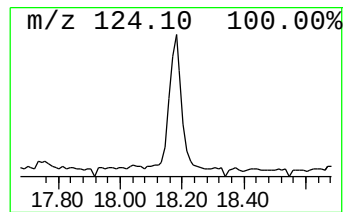
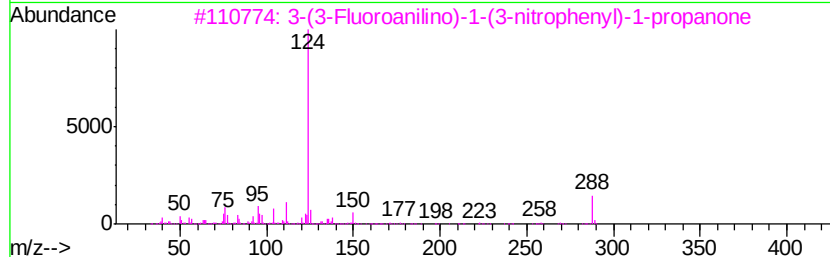
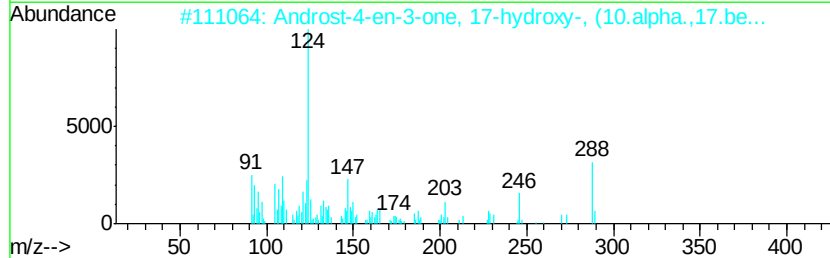
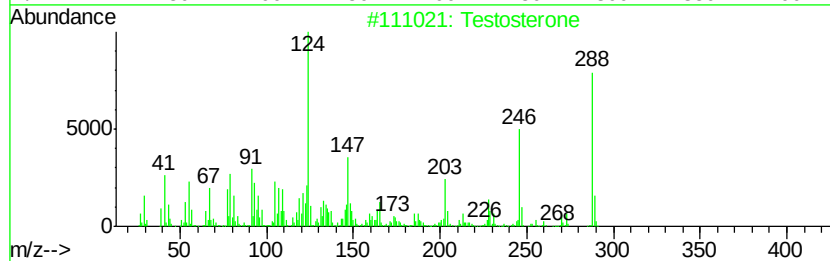
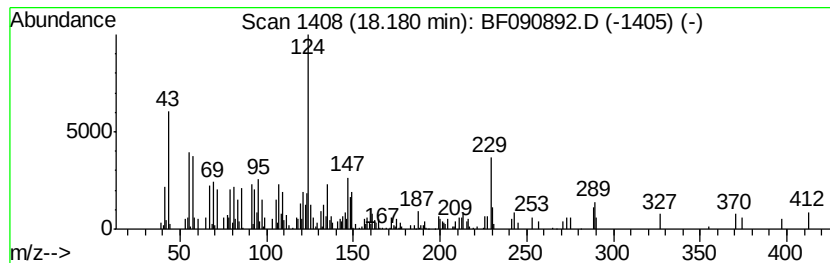
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Testosterone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	5.83 ng	245269	Perylene-d12	15.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Testosterone	288 C19H28O2	000058-22-0 83
2		Androst-4-en-3-one, 17-hydroxy-,...	288 C19H28O2	000604-39-7 78
3		3-(3-Fluoroanilino)-1-(3-nitroph...	288 C15H13FN2O3	300726-64-1 35
4		2-Methyl-4,5-pyrimidinediamine	124 C5H8N4	015579-63-2 35
5		Bicyclo[2.2.2]octane-1,4-diol, d...	226 C12H18O4	010364-35-9 35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
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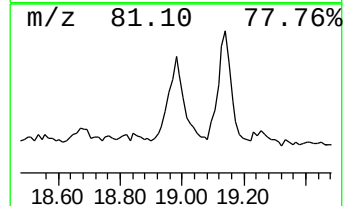
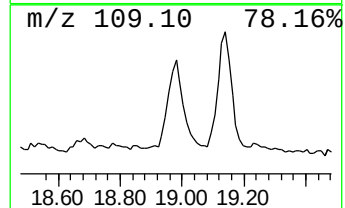
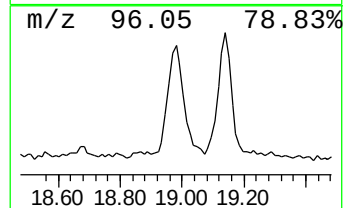
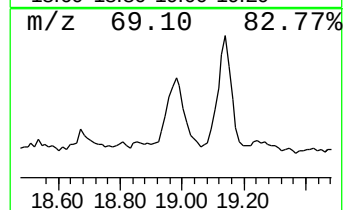
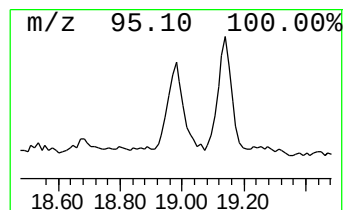
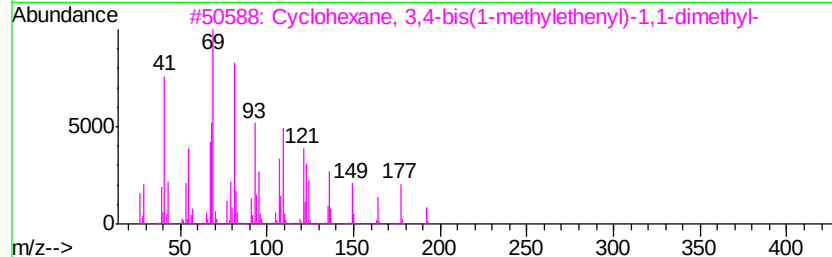
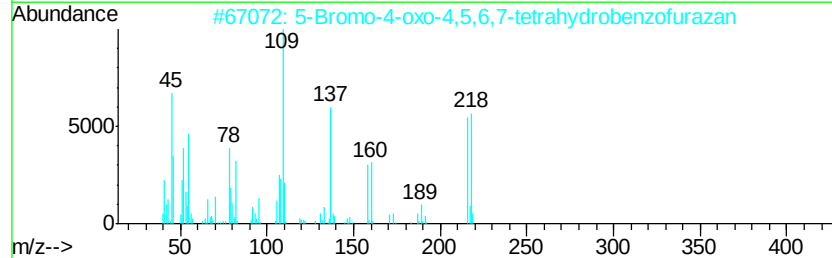
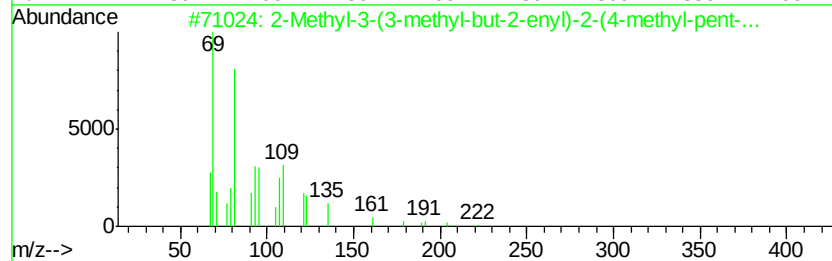
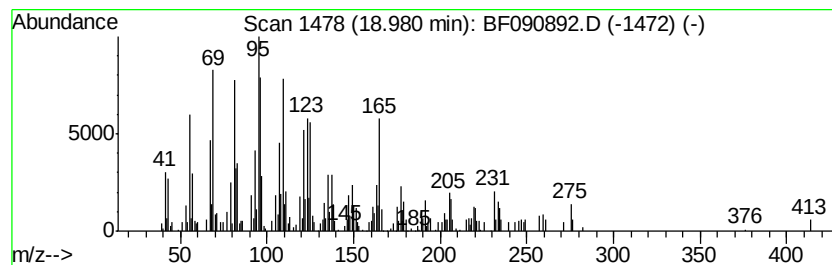
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Methyl-3-(3-methyl-but-2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	13.17 ng	554013	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-3-(3-methyl-but-2-enyl)...	222	C15H26O	1000144-10-2	60
2		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
3		Cyclohexane, 3,4-bis(1-methyleth...	192	C14H24	061142-74-3	53
4		Cyclohexane, 1,1-dimethyl-2,4-bi...	192	C14H24	062337-98-8	53
5		(7,7-Dimethyl-2-oxobicyclo[2.2.1...	246	C11H18O4S	1000197-55-6	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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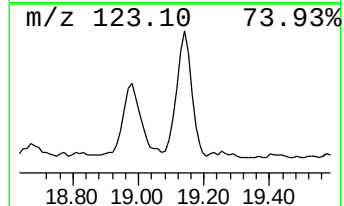
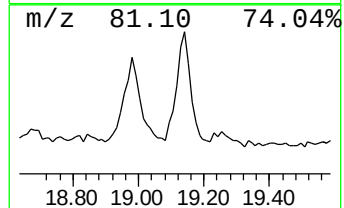
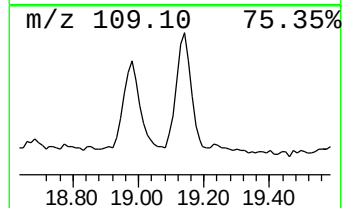
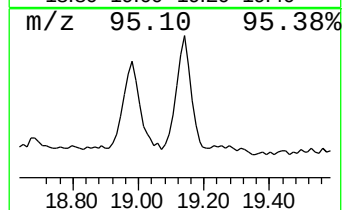
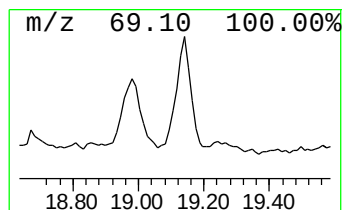
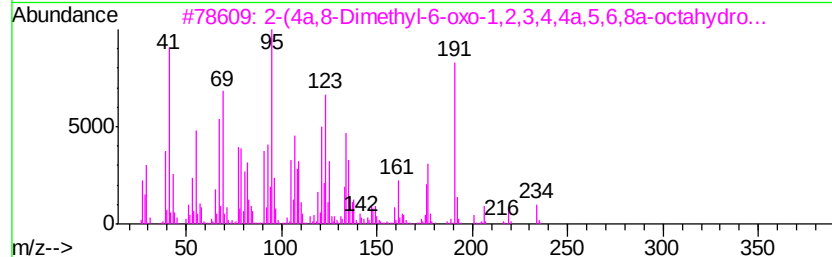
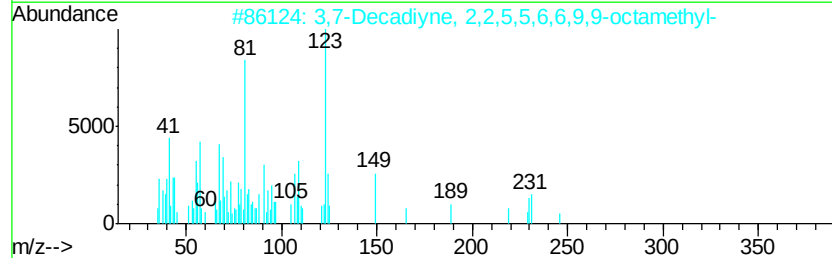
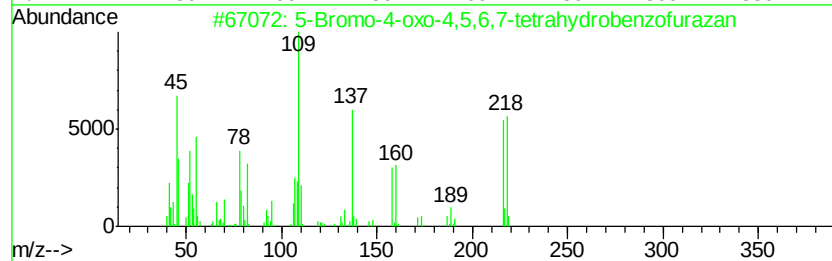
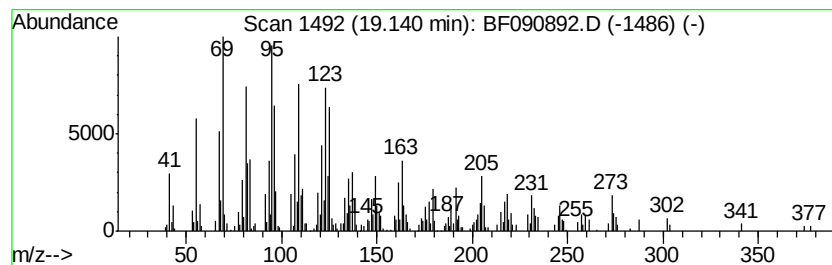
Instrument :
BNA_F
ClientSampleId :
EME-BLEND-008

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.14	16.51 ng	694465	Perylene-d12	15.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	90	
2	3,7-Decadiyne, 2,2,5,5,6,6,9,9-o...	246	C18H30	017553-35-4	42	
3	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	41	
4	Cyclohexane, 1,1-dimethyl-2,4-bi...	192	C14H24	062337-98-8	38	
5	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	38	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
 Data File : BF090892.D
 Acq On : 28 Oct 2016 2:57
 Operator : UM/SJ
 Sample : H5427-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND-008

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	16.1 ng		739737	1	6.77	917130	20.0
unknown6.54	6.54	76.2 ng		3495950	1	6.77	917130	20.0
Hexadecane	10.73	2.8 ng		121352	4	11.30	861457	20.0
Trichloroacetic a...	13.79	3.1 ng		143911	5	13.93	914424	20.0
Ethanol, 2-(hexad...	14.42	2.9 ng		132119	5	13.93	914424	20.0
Heptadecane	15.03	2.6 ng		109257	6	15.35	841100	20.0
Oxirane, heptadecyl-	15.57	3.1 ng		131061	6	15.35	841100	20.0
Heneicosane	15.79	3.1 ng		130552	6	15.35	841100	20.0
Vitamin E	16.03	2.3 ng		98311	6	15.35	841100	20.0
Octadecanal	16.52	3.0 ng		124286	6	15.35	841100	20.0
unknown17.24	17.24	4.5 ng		190559	6	15.35	841100	20.0
unknown17.31	17.31	2.5 ng		105942	6	15.35	841100	20.0
8-Amino-6,7-dimet...	17.44	5.3 ng		223996	6	15.35	841100	20.0
unknown17.54	17.54	4.1 ng		171839	6	15.35	841100	20.0
Anthracene, 9-(2-...	17.67	3.8 ng		159008	6	15.35	841100	20.0
unknown17.76	17.76	9.0 ng		379854	6	15.35	841100	20.0
Testosterone	18.18	5.8 ng		245269	6	15.35	841100	20.0
2-Methyl-3-(3-met...	18.98	13.2 ng		554013	6	15.35	841100	20.0
5-Bromo-4-oxo-4,5...	19.14	16.5 ng		694465	6	15.35	841100	20.0