

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
 Data File : BF086718.D
 Acq On : 5 May 2016 21:16
 Operator : UM/SJ
 Sample : H2829-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TP-B8(0-4.5)-C

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-BF050416.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	4.876	242	244	252	rBV	311950	504034	10.58%	1.027%
2	5.310	280	282	285	rBV	2960688	4290125	90.02%	8.743%
3	5.721	312	318	324	rVB2	40313	72713	1.53%	0.148%
4	6.373	372	375	377	rBV	4021488	4235222	88.87%	8.632%
5	6.499	383	386	388	rBV	4254445	4765554	100.00%	9.712%
6	6.727	404	406	408	rBV	1335868	1282099	26.90%	2.613%
7	6.887	417	420	422	rBV	2545925	3387809	71.09%	6.904%
8	7.299	453	456	458	rBV	2670782	3121902	65.51%	6.363%
9	7.767	494	497	499	rBV	167554	196322	4.12%	0.400%
10	8.007	516	518	521	rBV	1228540	1571354	32.97%	3.202%
11	9.093	610	613	615	rBV	5006965	4482515	94.06%	9.136%
12	9.173	619	620	629	rVB2	31699	86879	1.82%	0.177%
13	9.482	645	647	649	rBV	270383	303362	6.37%	0.618%
14	9.710	665	667	669	rBV	115514	120584	2.53%	0.246%
15	9.768	669	672	674	rBV	1459416	1662977	34.90%	3.389%
16	10.202	708	710	712	rVB	197361	170949	3.59%	0.348%
17	10.419	726	729	732	rBV	63025	107055	2.25%	0.218%
18	10.545	738	740	743	rBV2	1914822	2626744	55.12%	5.353%
19	10.671	750	751	756	rBV	137103	221170	4.64%	0.451%
20	11.128	789	791	792	rBV	53827	68417	1.44%	0.139%
21	11.242	799	801	803	rBV	1572600	1481998	31.10%	3.020%
22	11.482	819	822	826	rBV	72499	125610	2.64%	0.256%
23	11.791	846	849	851	rBV	371589	546788	11.47%	1.114%
24	11.848	853	854	859	rVV	39486	72734	1.53%	0.148%
25	11.951	859	863	868	rVV3	19065	52569	1.10%	0.107%
26	12.294	888	893	895	rBV2	25192	47679	1.00%	0.097%
27	12.442	904	906	909	rBV	198592	297361	6.24%	0.606%
28	12.568	915	917	923	rBV2	122724	122437	2.57%	0.250%
29	12.671	923	926	928	rBV	216341	270659	5.68%	0.552%
30	12.831	937	940	942	rBV	3189708	3201289	67.18%	6.524%
31	13.071	957	961	962	rBV2	71698	116487	2.44%	0.237%
32	13.105	962	964	968	rVB3	38004	78053	1.64%	0.159%
33	13.414	987	991	994	rBV3	35503	80223	1.68%	0.163%
34	13.528	998	1001	1003	rBV3	42994	79523	1.67%	0.162%

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Instrument :
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ClientSampleId :
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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	13.734	1016	1019	1024	rBV	416415	575361	12.07%	1.173%
36	13.871	1028	1031	1037	rVV	1106749	1377363	28.90%	2.807%
37	14.054	1045	1047	1049	rBV2	54971	69646	1.46%	0.142%
38	14.362	1071	1074	1081	rBV	313458	515550	10.82%	1.051%
39	14.648	1097	1099	1103	rBV2	51086	135807	2.85%	0.277%
40	14.717	1103	1105	1108	rVB	72894	81610	1.71%	0.166%
41	14.785	1109	1111	1114	rVB	246675	233035	4.89%	0.475%
42	14.877	1116	1119	1124	rBV	150761	288535	6.05%	0.588%
43	14.980	1124	1128	1138	rBV2	379671	1033488	21.69%	2.106%
44	15.151	1141	1143	1145	rVB	69421	95102	2.00%	0.194%
45	15.197	1145	1147	1150	rVB	77076	127418	2.67%	0.260%
46	15.265	1150	1153	1155	rBV	738902	1029668	21.61%	2.098%
47	15.482	1169	1172	1174	rBV	239127	320978	6.74%	0.654%
48	15.688	1188	1190	1193	rBV	330905	579565	12.16%	1.181%
49	15.745	1193	1195	1199	rVB2	109512	200016	4.20%	0.408%
50	16.397	1250	1252	1256	rBV3	85714	169925	3.57%	0.346%
51	16.568	1265	1267	1273	rBV3	60846	195332	4.10%	0.398%
52	16.671	1273	1276	1278	rVV	114964	218040	4.58%	0.444%
53	16.728	1279	1281	1287	rVB4	70980	201686	4.23%	0.411%
54	16.968	1299	1302	1307	rBV	63804	140528	2.95%	0.286%
55	17.094	1309	1313	1324	rVV4	184920	670467	14.07%	1.366%
56	17.277	1327	1329	1335	rVB	83077	195138	4.09%	0.398%
57	18.008	1390	1393	1401	rVB3	106033	362261	7.60%	0.738%
58	18.420	1425	1429	1434	rVB	150580	399162	8.38%	0.814%

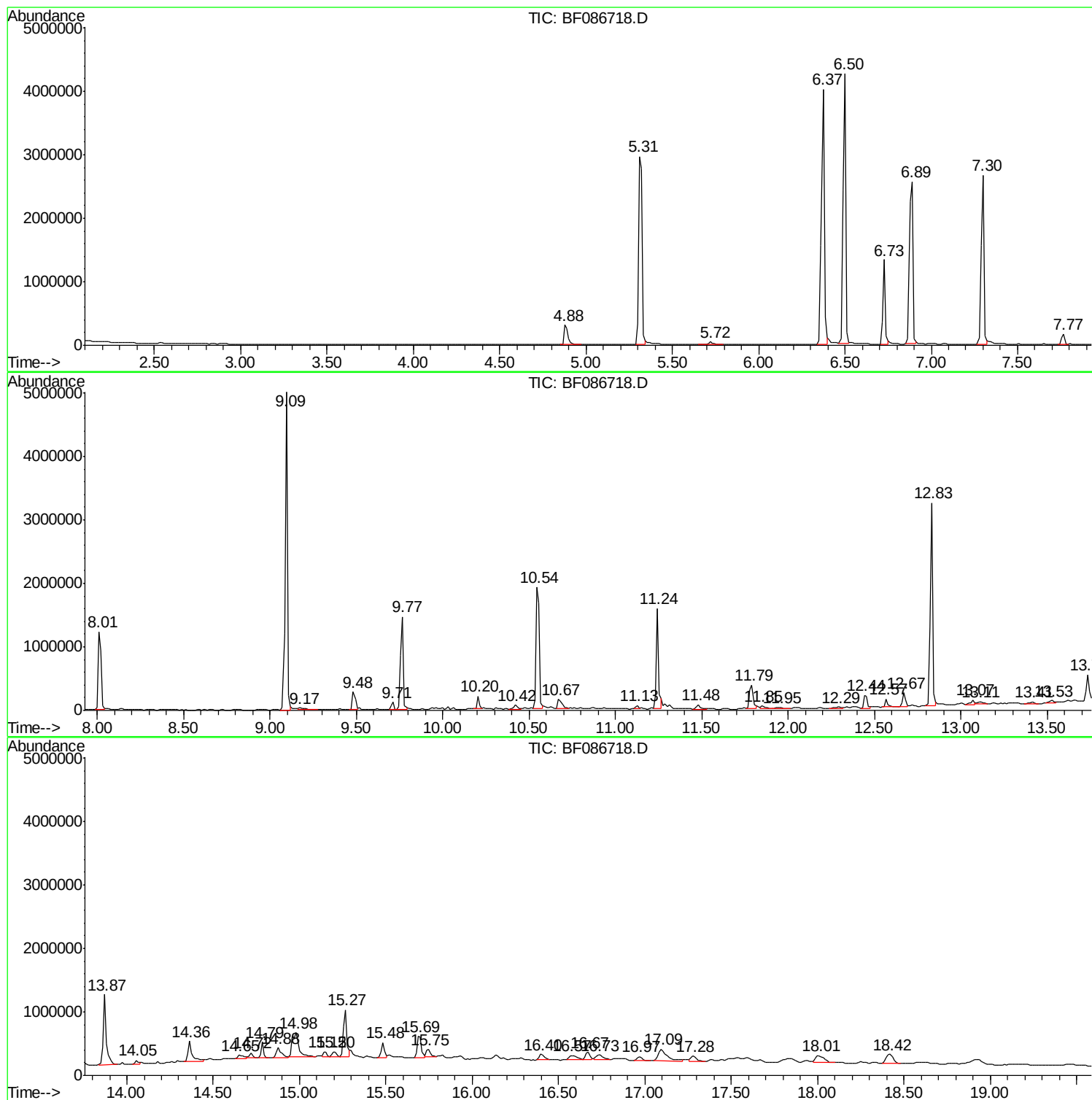
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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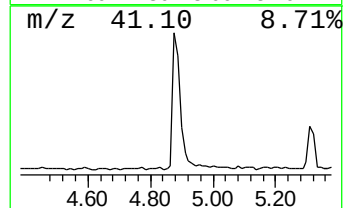
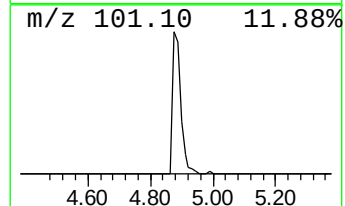
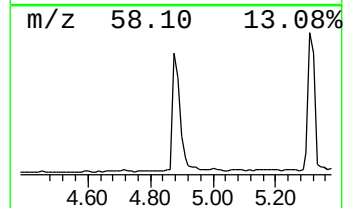
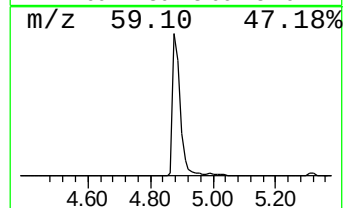
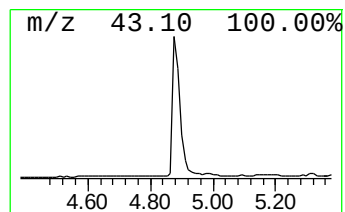
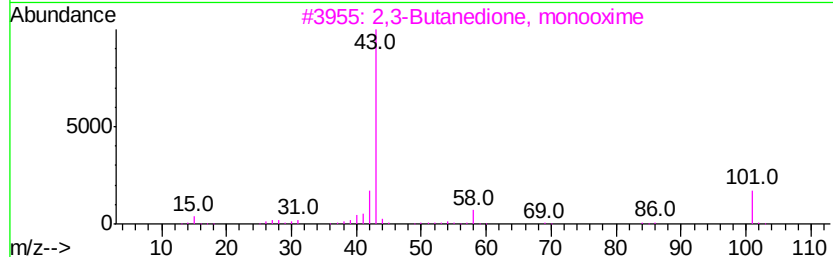
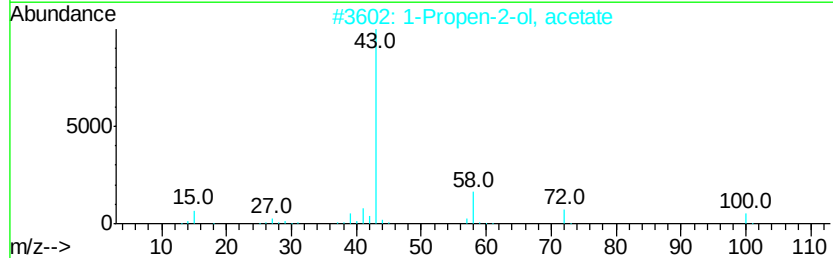
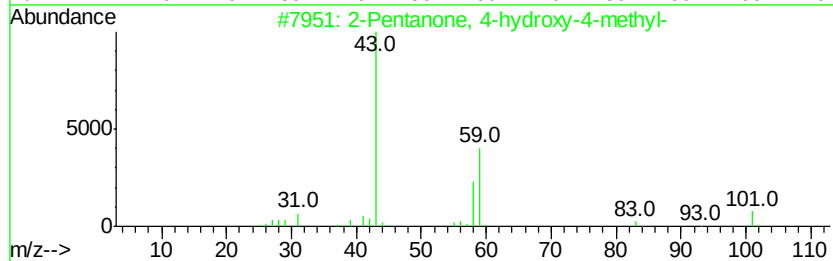
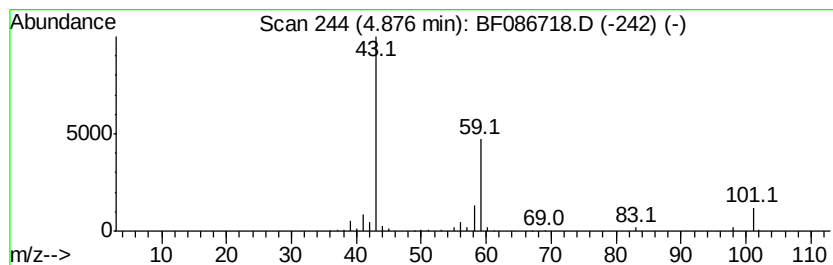
Instrument :
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ClientSampleId :
EUT01-TP-B8(0-4.5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
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 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.88	15.73 ng	504034	1,4-Dichlorobenzene-d4	6.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane	58	C4H10	000106-97-8	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9



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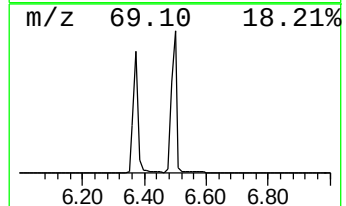
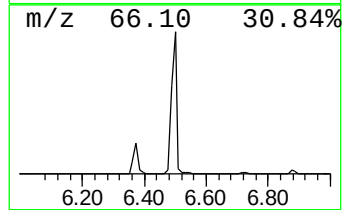
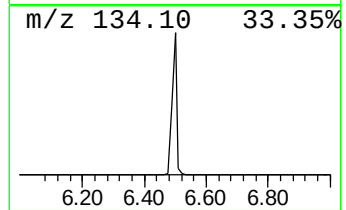
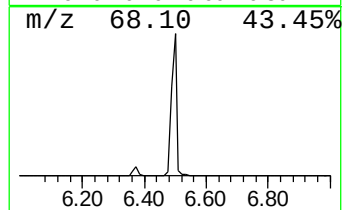
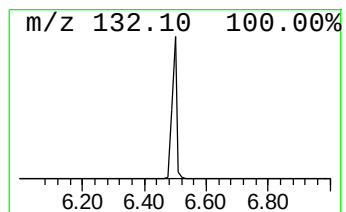
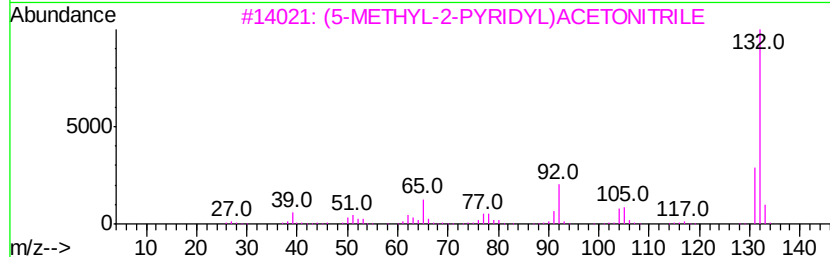
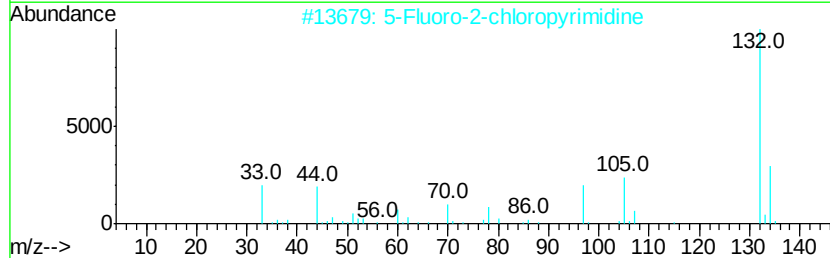
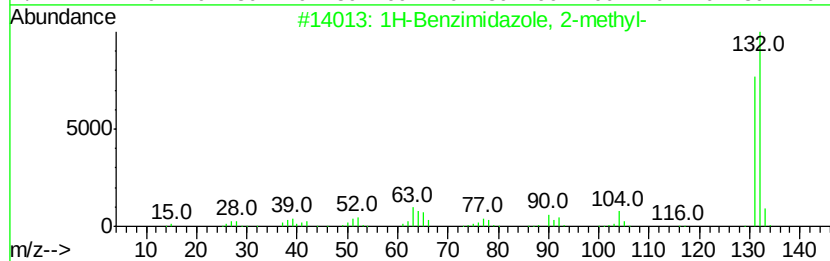
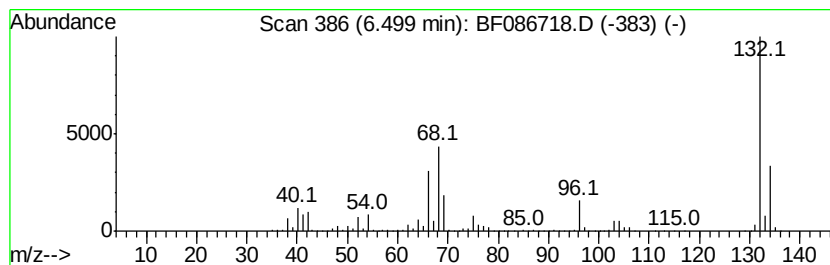
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	148.68 ng	4765550	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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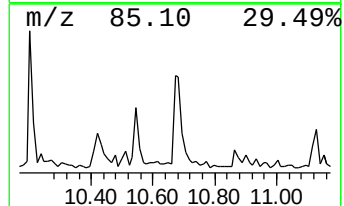
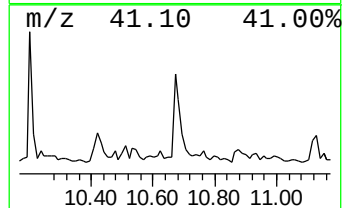
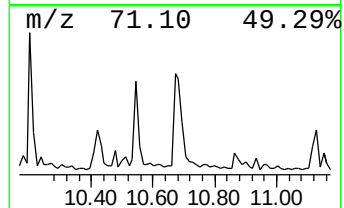
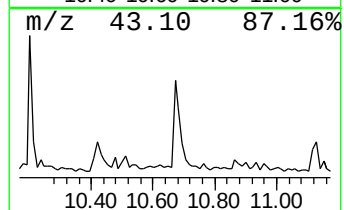
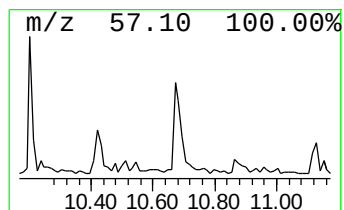
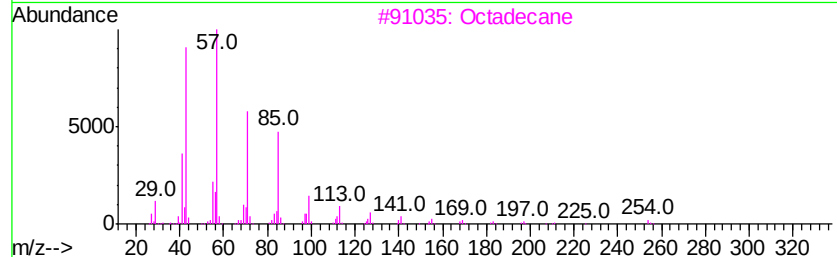
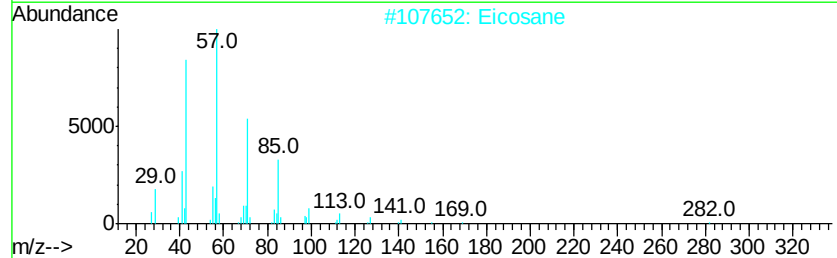
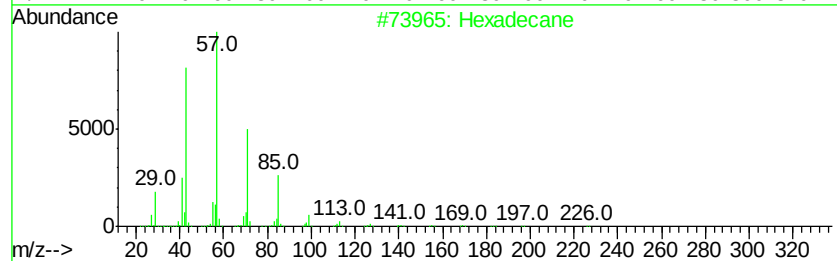
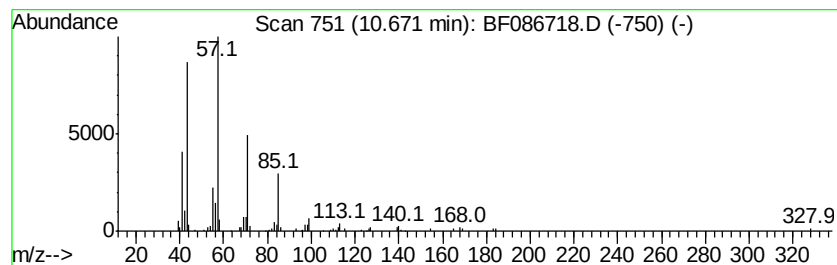
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	5.97 ng	221170	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Eicosane	282	C20H42	000112-95-8	83
3		Octadecane	254	C18H38	000593-45-3	80
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	76



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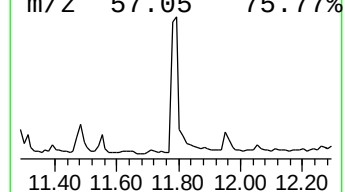
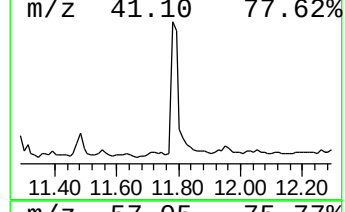
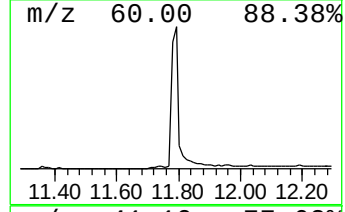
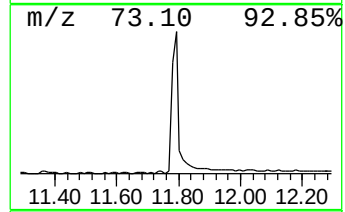
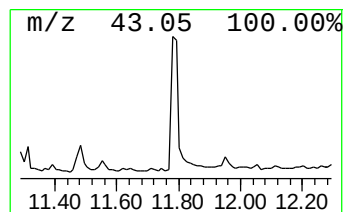
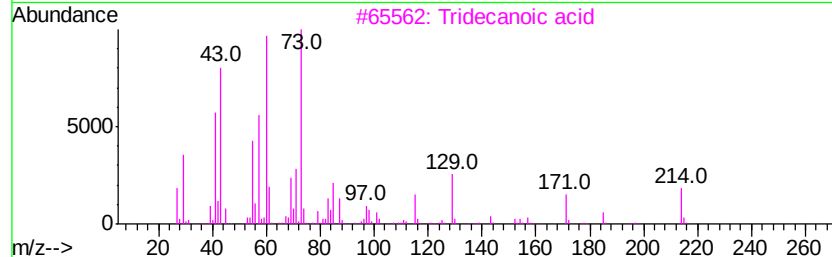
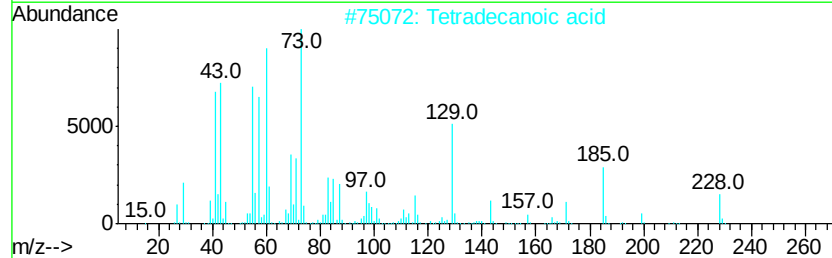
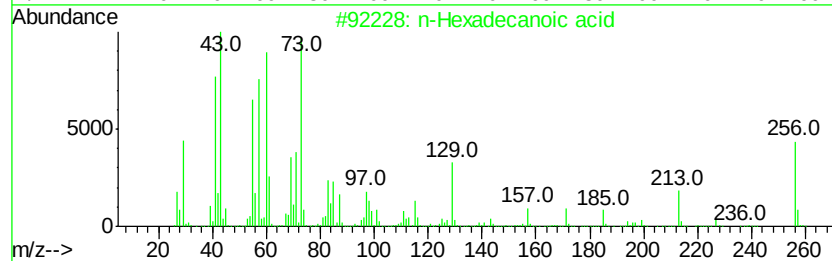
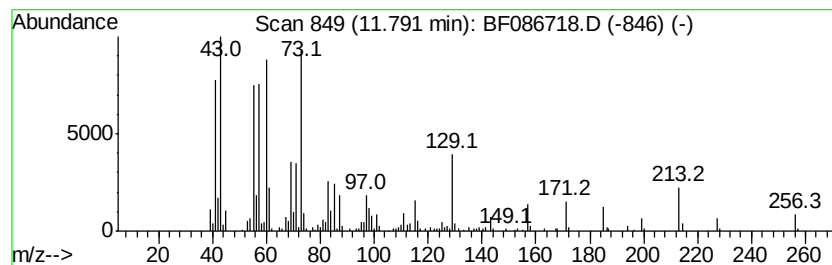
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.79	14.76 ng	546788	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	59



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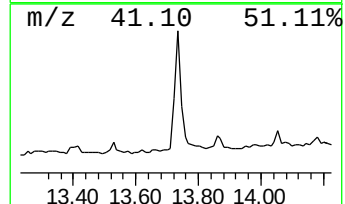
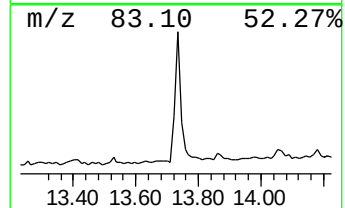
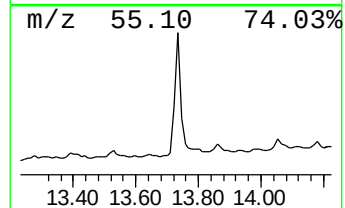
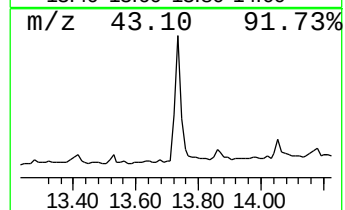
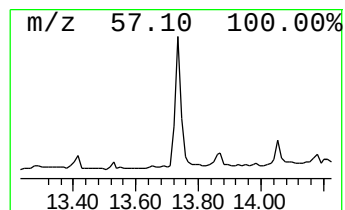
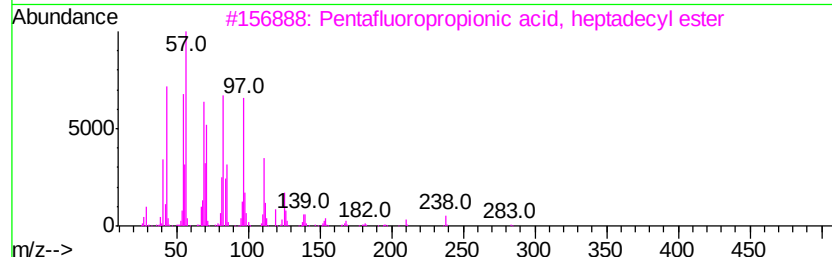
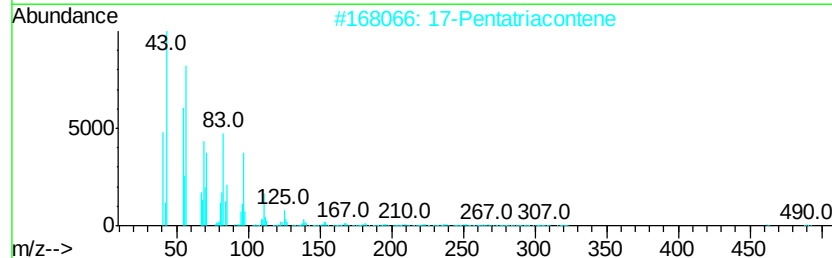
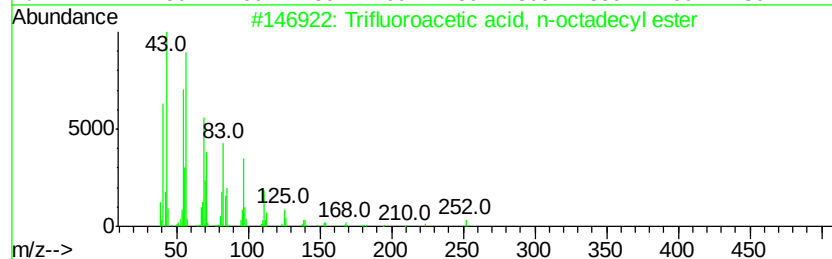
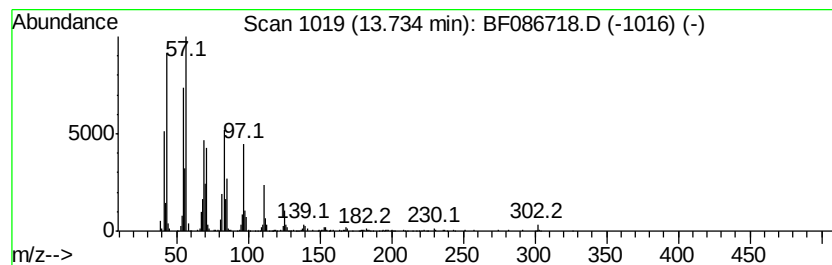
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Trifluoroacetic acid, n-oct... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	16.71 ng	575361	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086718.D
Acq On : 5 May 2016 21:16
Operator : UM/SJ
Sample : H2829-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B8(0-4.5)-C

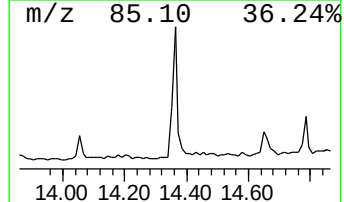
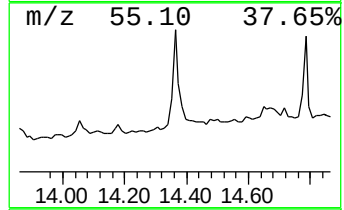
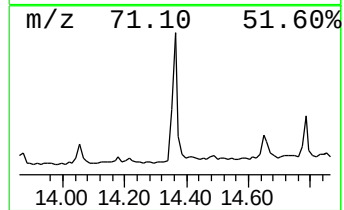
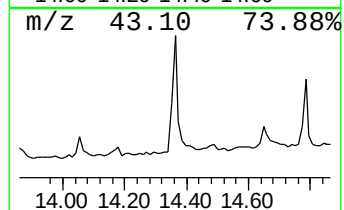
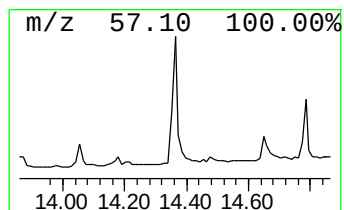
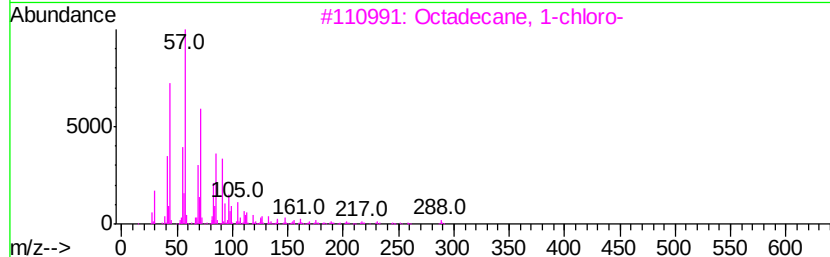
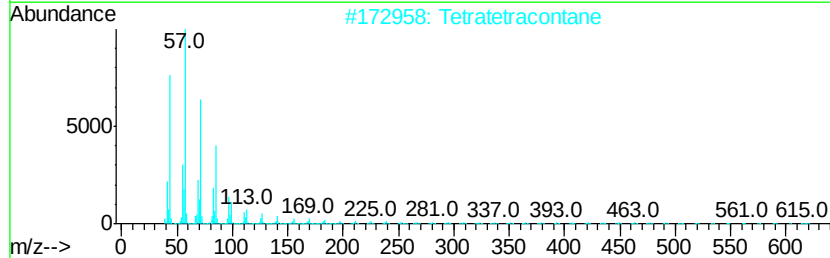
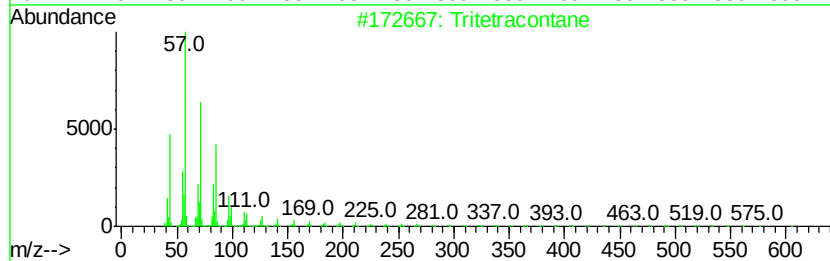
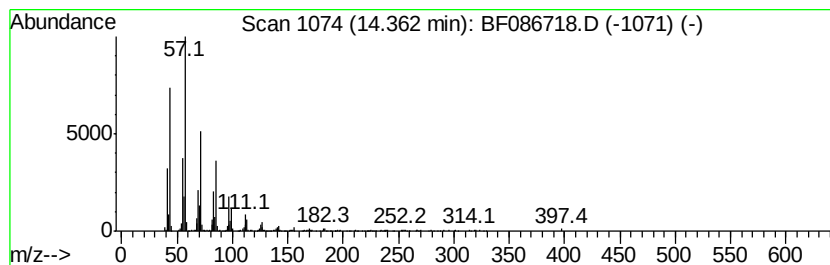
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tritetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	14.97 ng	515550	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	76
5		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
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Sample : H2829-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

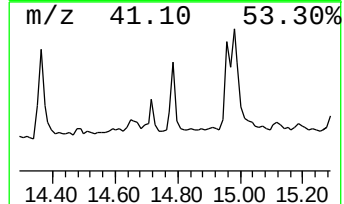
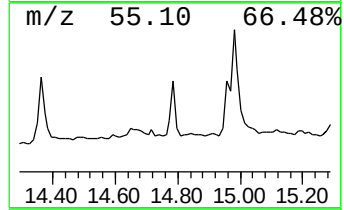
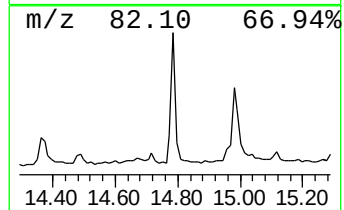
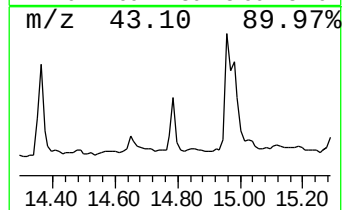
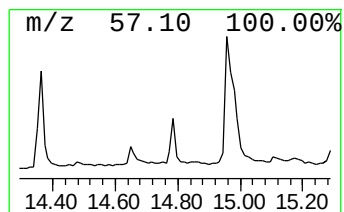
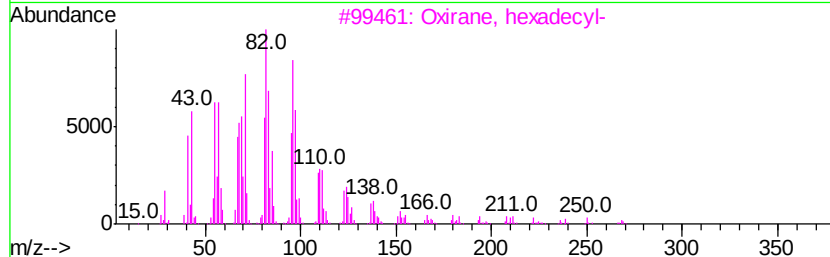
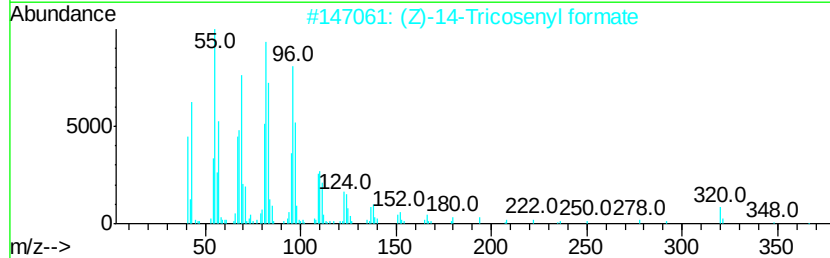
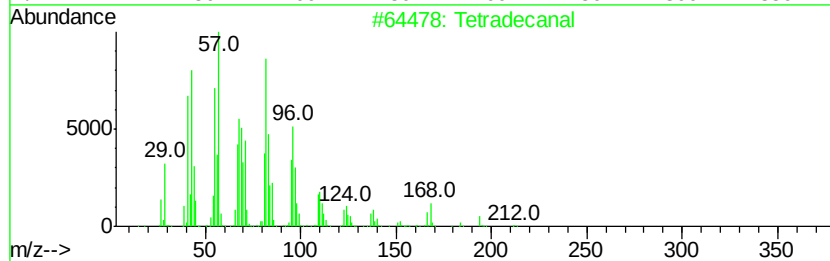
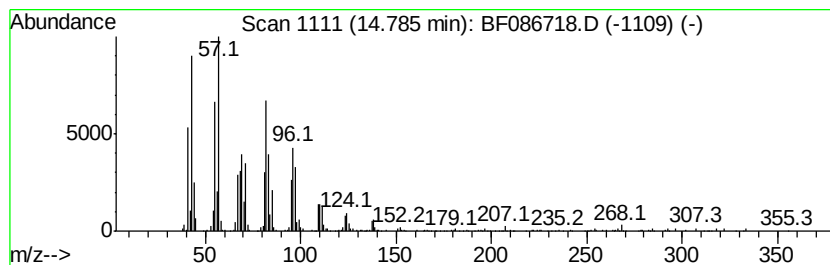
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.79	9.05 ng	233035	Perylene-d12	15.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	94
2	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086718.D
Acq On : 5 May 2016 21:16
Operator : UM/SJ
Sample : H2829-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

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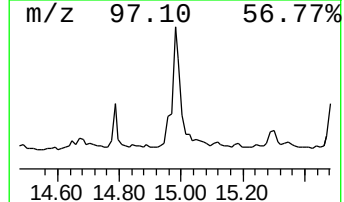
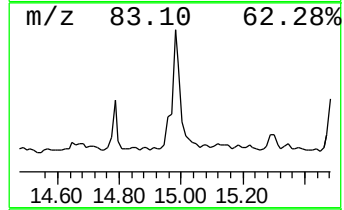
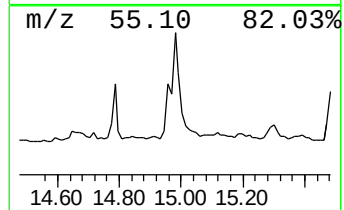
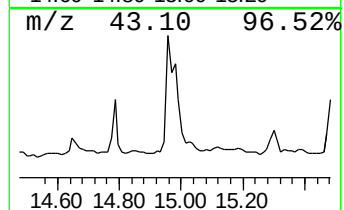
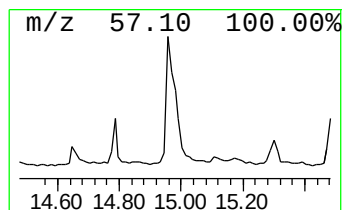
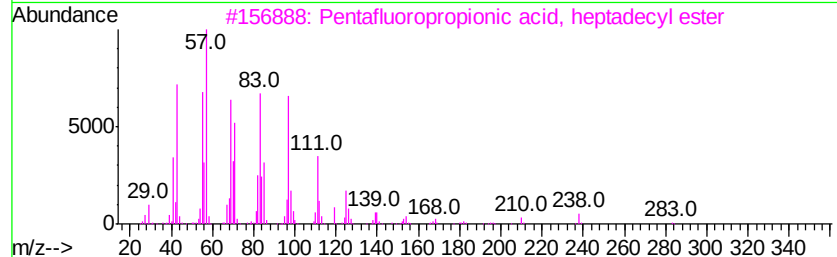
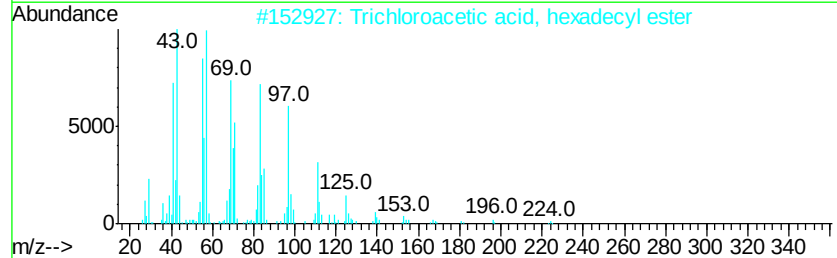
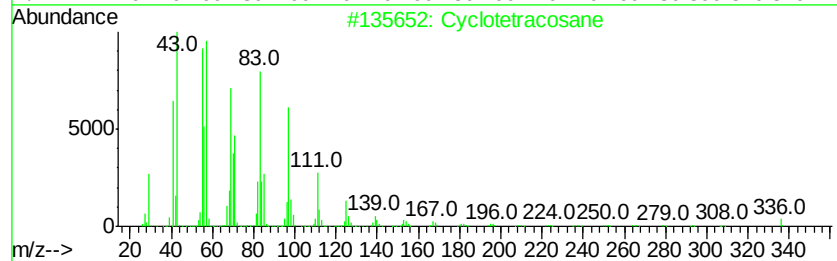
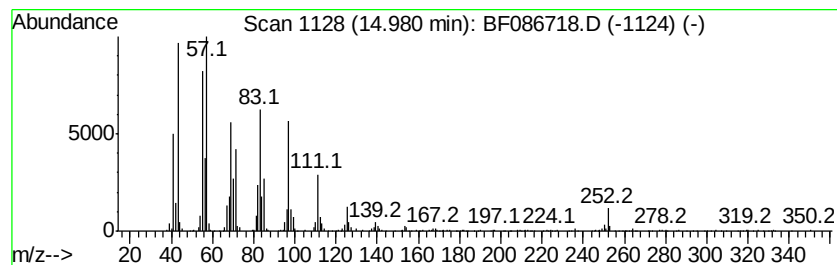
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclotetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	40.15 ng	1033490	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
4		Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	90
5		1-Docosene	308	C22H44	001599-67-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086718.D
Acq On : 5 May 2016 21:16
Operator : UM/SJ
Sample : H2829-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

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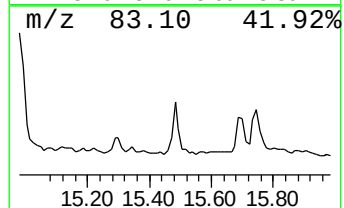
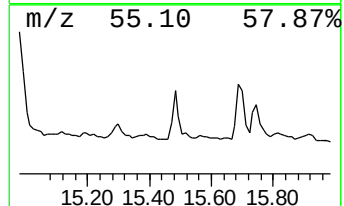
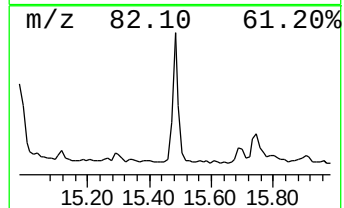
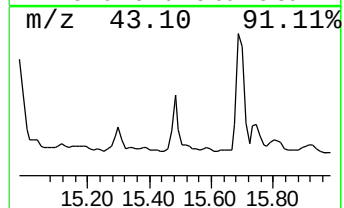
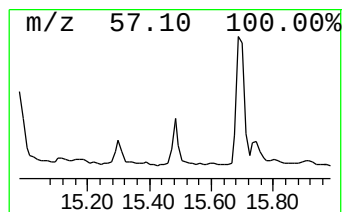
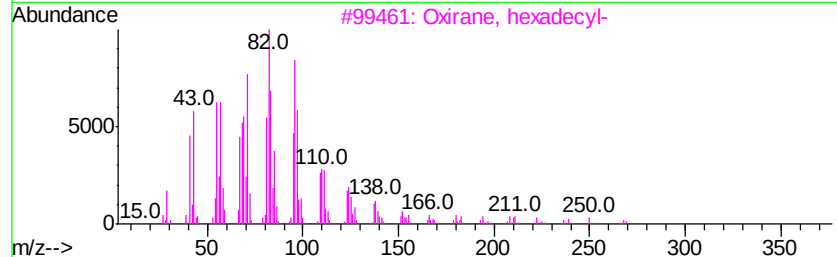
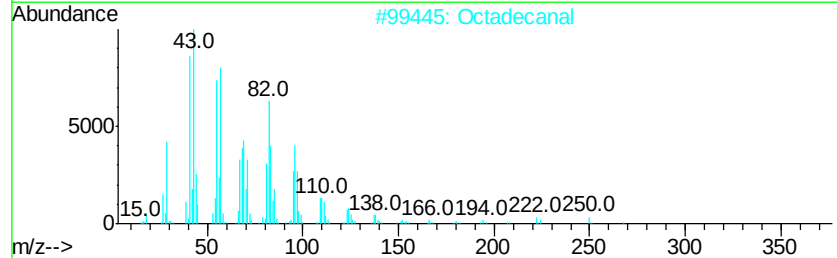
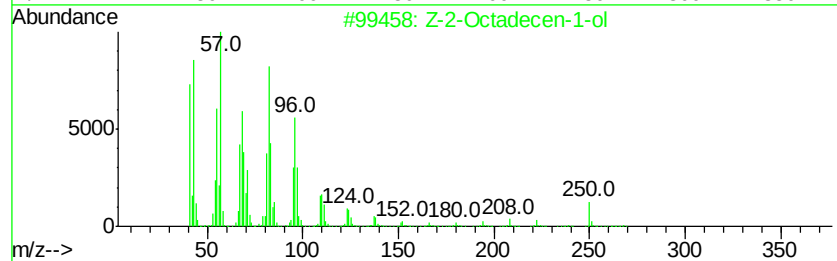
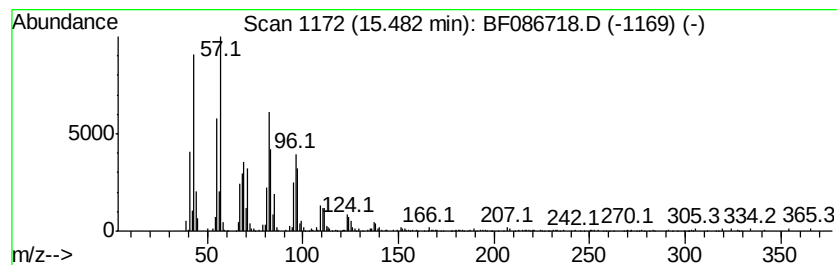
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Z-2-Octadecen-1-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	12.47 ng	320978	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	94
2			Octadecanal	268	C18H36O	000638-66-4	91
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4			13-Octadecenal	266	C18H34O	056554-90-6	90
5			1,19-Eicosadiene	278	C20H38	014811-95-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086718.D
Acq On : 5 May 2016 21:16
Operator : UM/SJ
Sample : H2829-17
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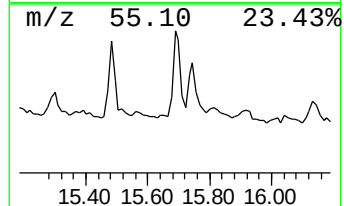
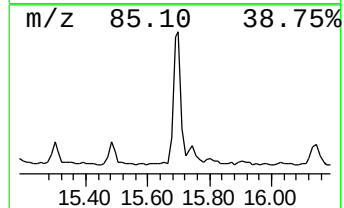
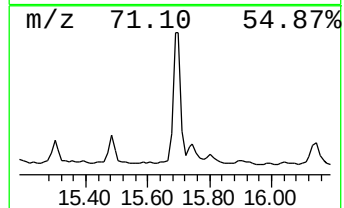
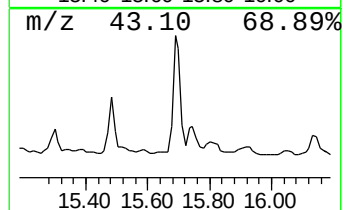
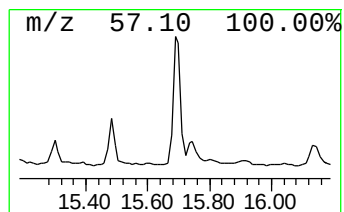
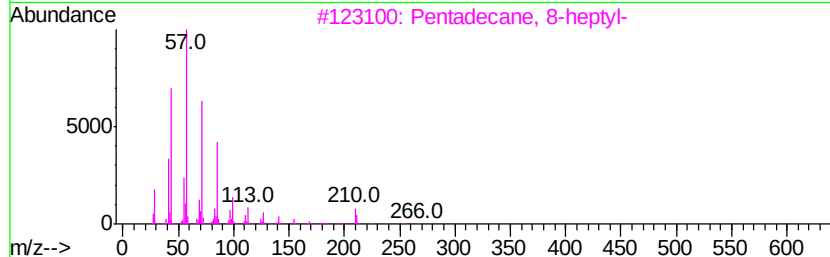
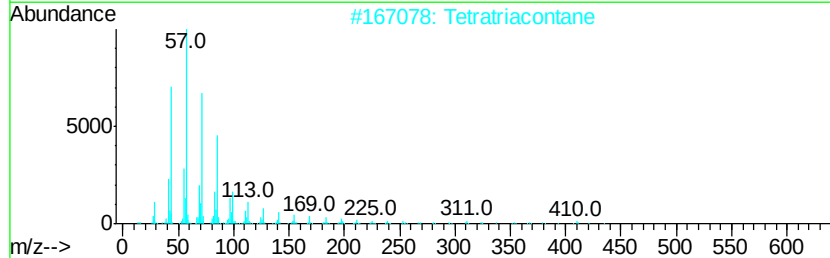
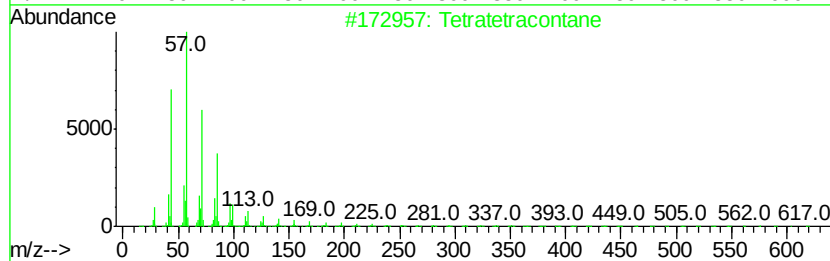
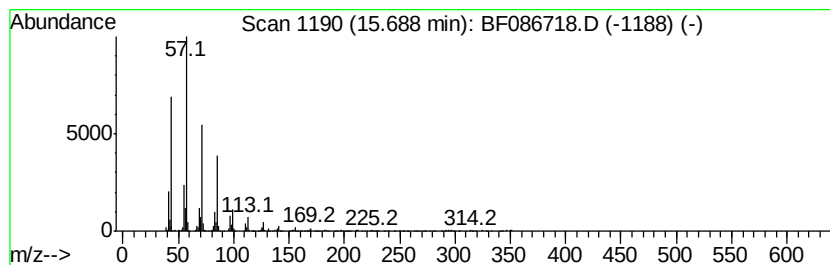
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	22.51 ng	579565	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
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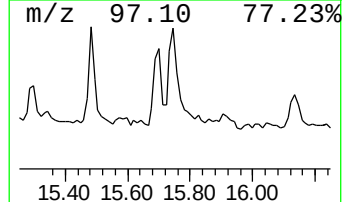
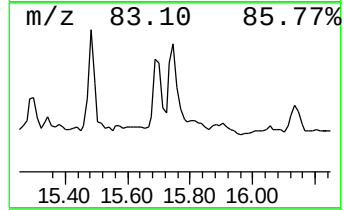
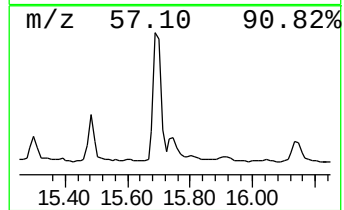
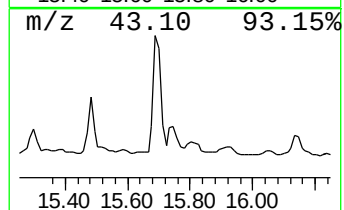
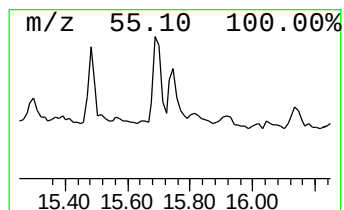
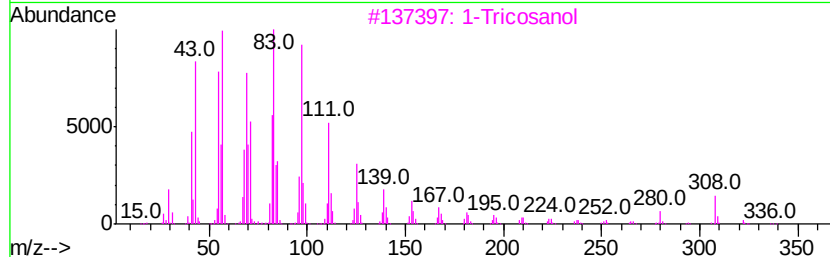
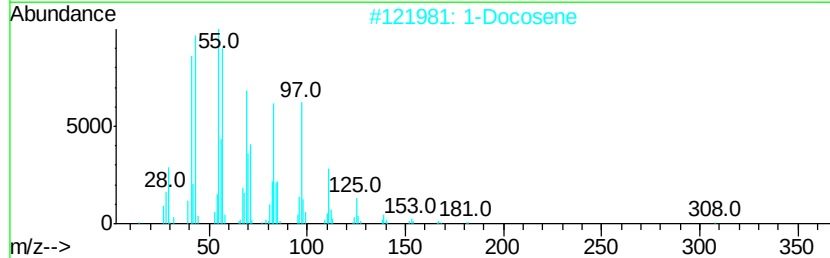
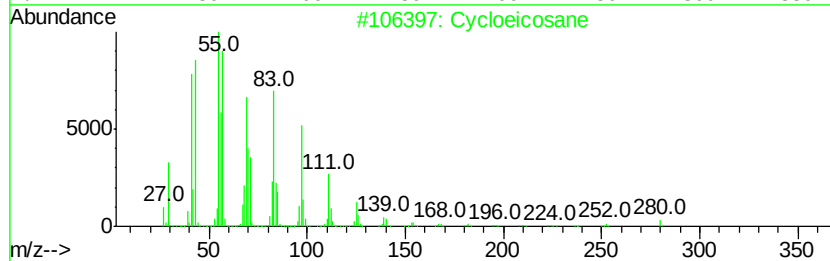
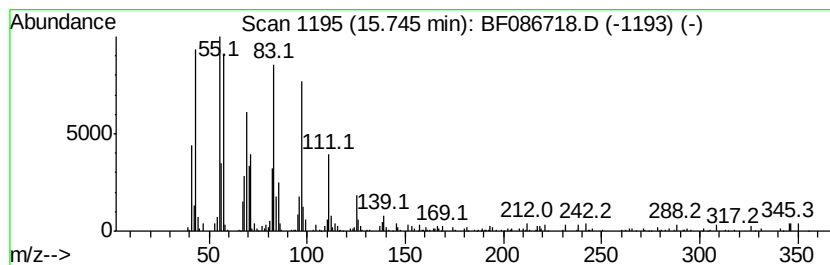
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cycloeicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.75	7.77 ng	200016	Perylene-d12	15.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	87
2	1-Docosene	308	C22H44	001599-67-3	76
3	1-Tricosanol	340	C23H48O	003133-01-5	76
4	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	68
5	1-Tetracosanol	354	C24H50O	000506-51-4	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
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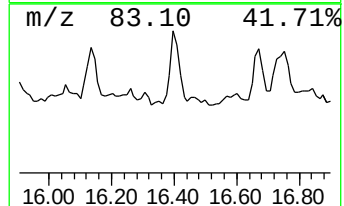
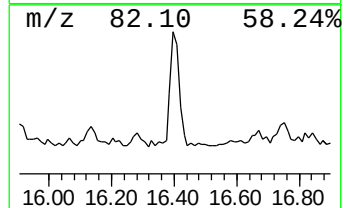
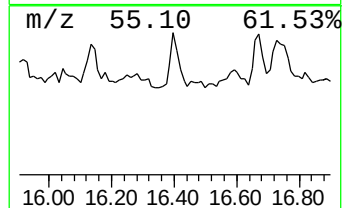
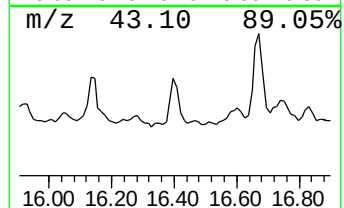
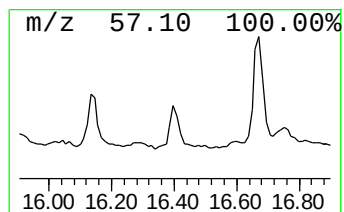
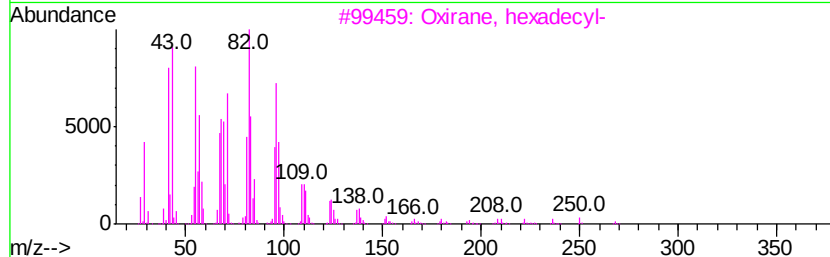
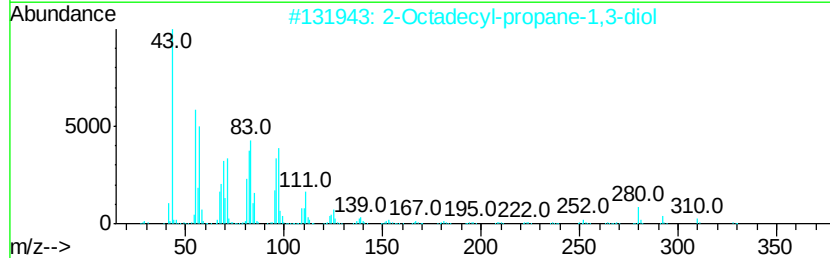
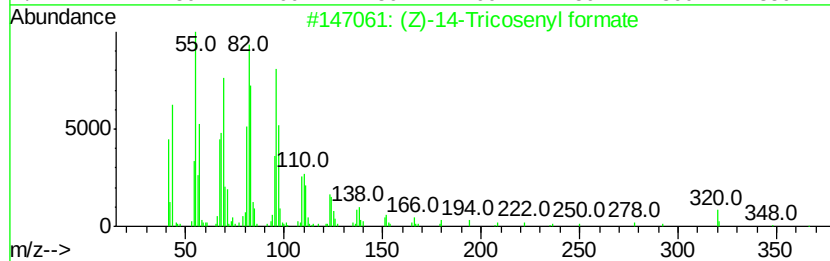
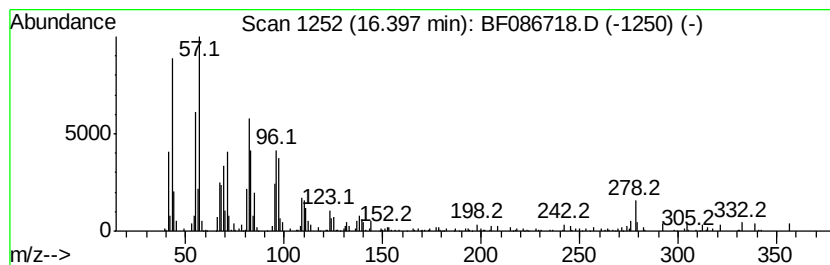
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 (Z)-14-Tricosenyl formate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	6.60 ng	169925	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	64
2			2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	64
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	58
4			1,19-Eicosadiene	278	C20H38	014811-95-1	58
5			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086718.D
Acq On : 5 May 2016 21:16
Operator : UM/SJ
Sample : H2829-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B8(0-4.5)-C

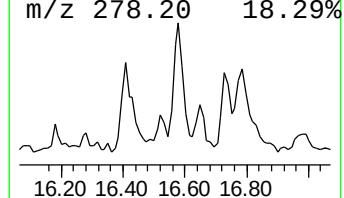
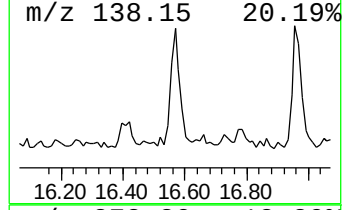
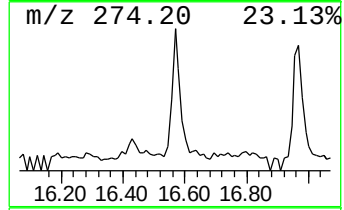
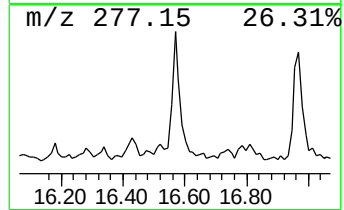
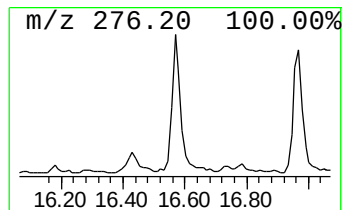
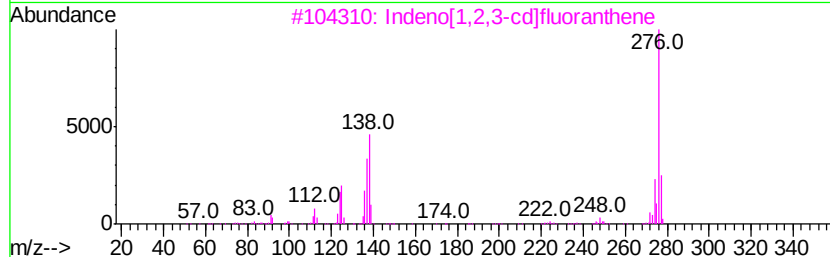
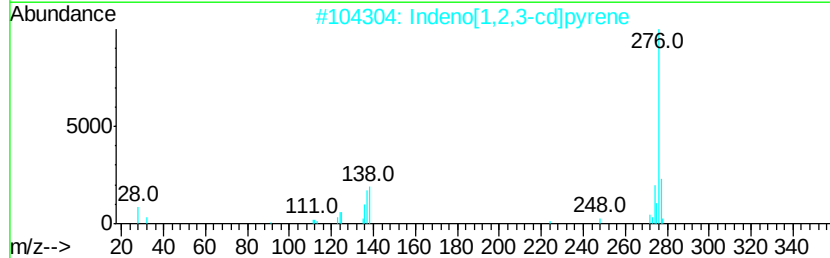
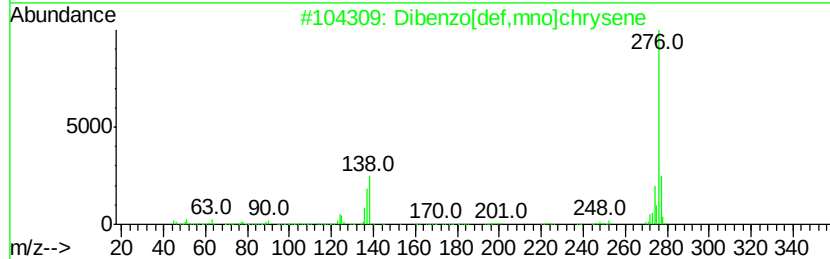
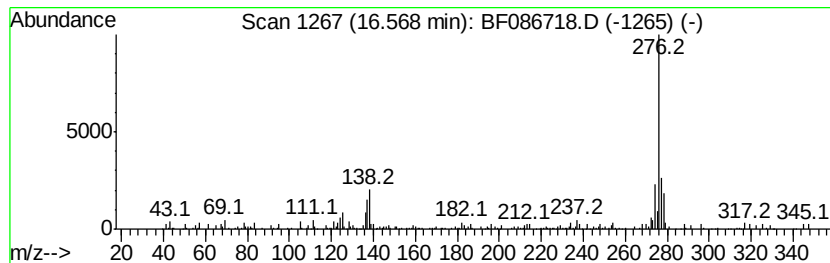
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dibenzo[def,mno]chrysene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	7.59 ng	195332	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
3		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	90
4		Benzo[ghi]perylene	276	C22H12	000191-24-2	83
5		12H-Benzothieno[2,3-d]pyrido[1,2...	276	C14H16N2S2	102254-63-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086718.D
Acq On : 5 May 2016 21:16
Operator : UM/SJ
Sample : H2829-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B8(0-4.5)-C

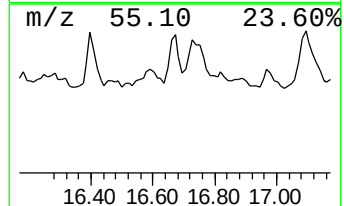
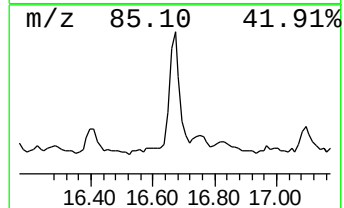
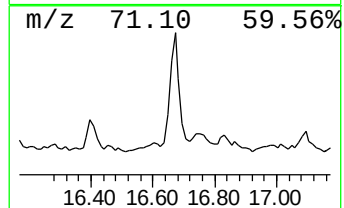
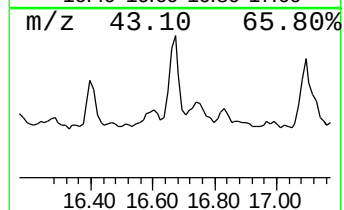
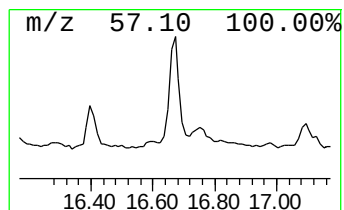
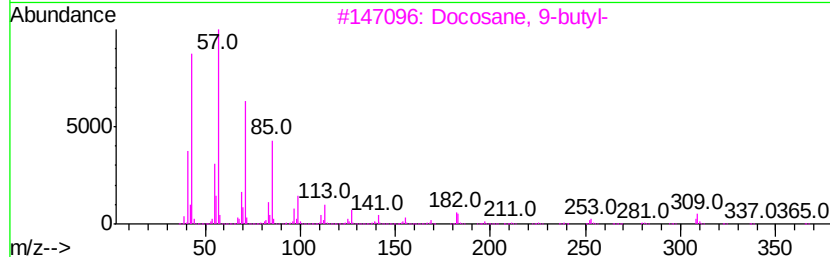
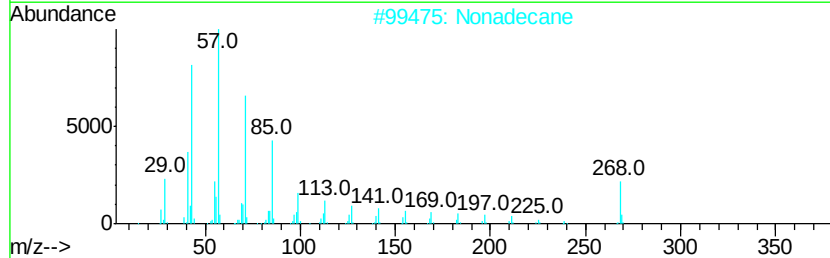
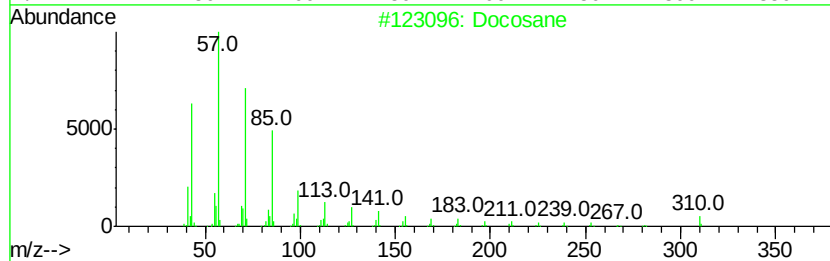
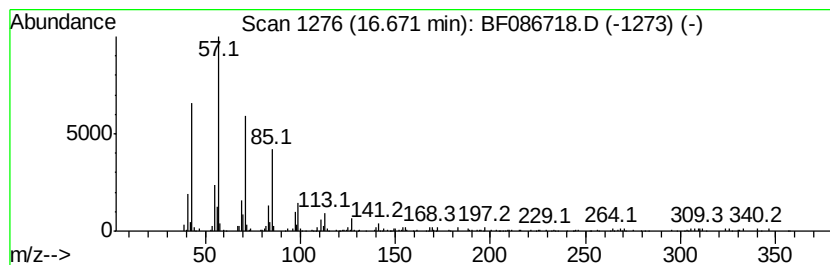
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	8.47 ng	218040	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086718.D
Acq On : 5 May 2016 21:16
Operator : UM/SJ
Sample : H2829-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

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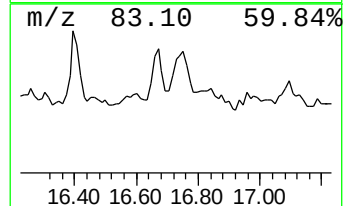
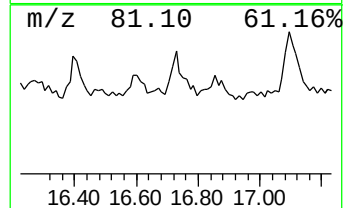
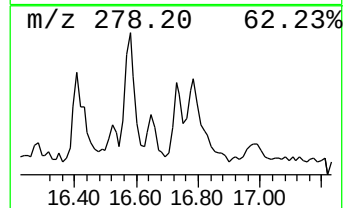
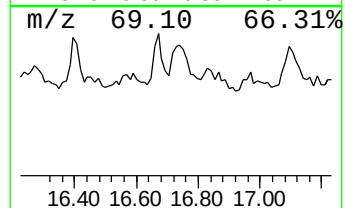
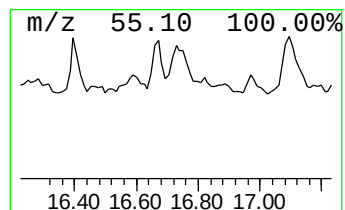
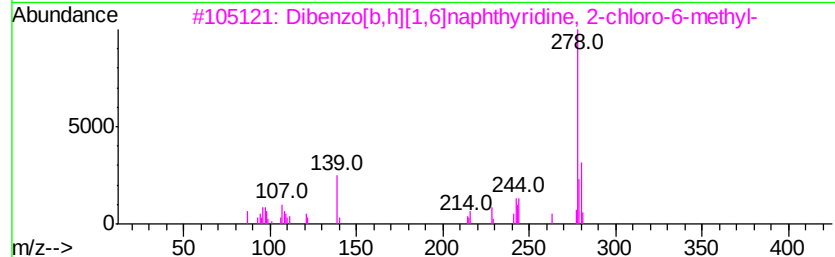
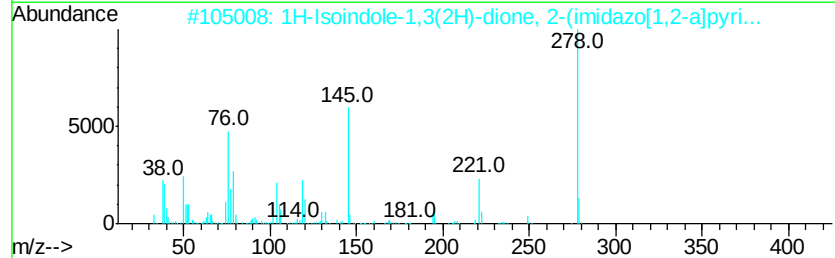
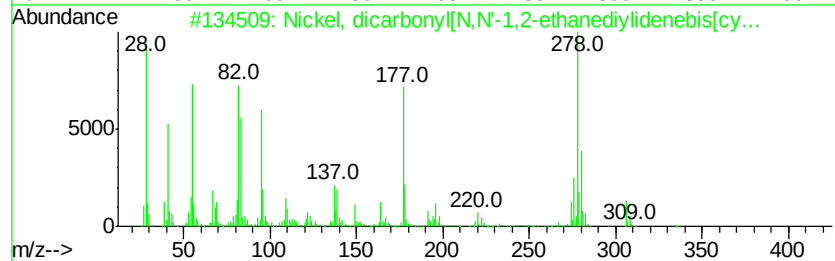
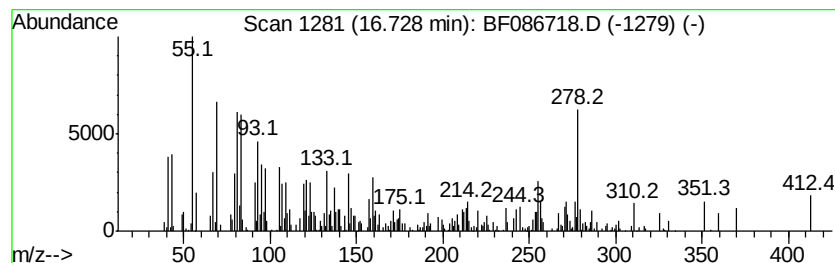
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.73 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	7.83 ng	201686	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nickel, dicarbonyl[N,N'-1,2-etha...	334	C16H24N2NiO2	119679-76-4	35
2		1H-Isoindole-1,3(2H)-dione, 2-(i...	278	C15H10N4O2	309280-65-7	30
3		Dibenzo[b,h]l[1,6]naphthvridine, ...	278	C17H11ClN2	004240-91-9	25
4		10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12F03P	037041-13-7	25
5		Pentacene	278	C22H14	000135-48-8	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
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Sample : H2829-17
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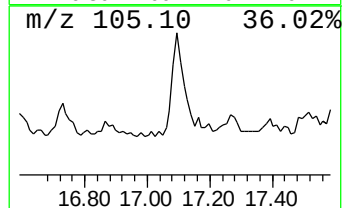
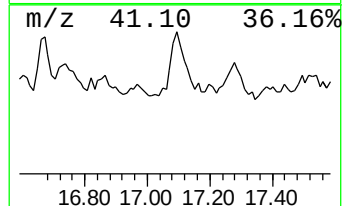
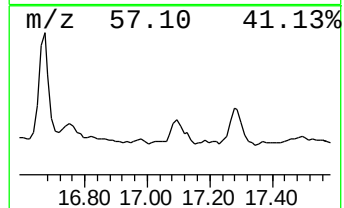
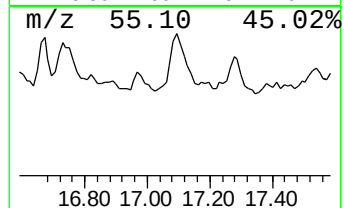
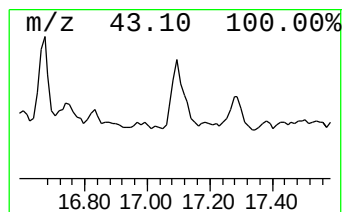
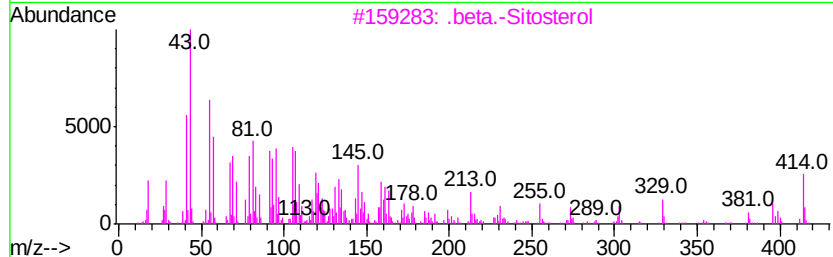
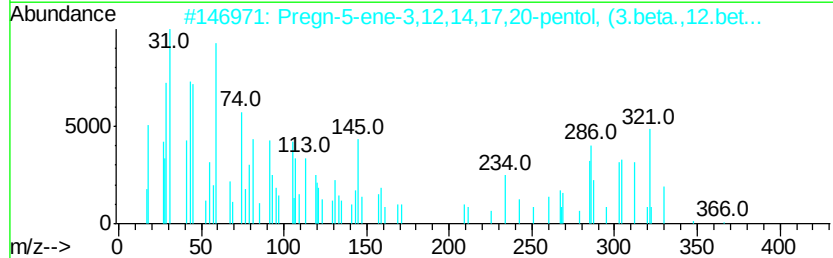
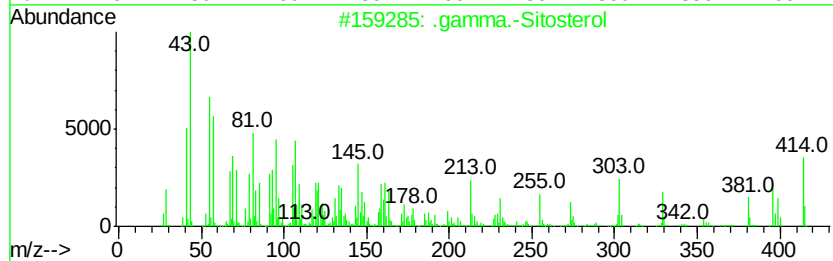
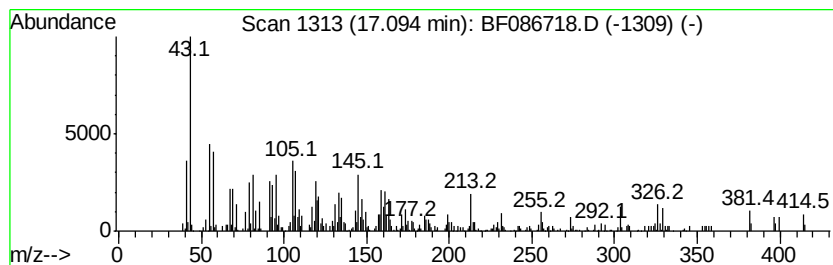
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	26.05 ng	670467	Perylene-d12	15.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 92
2		Pregn-5-ene-3,12,14,17,20-pentol...	366 C21H34O5	028417-32-5 53
3		.beta.-Sitosterol	414 C29H50O	000083-46-5 35
4		Stigmasterol, 22,23-dihydro-	414 C29H50O	1000214-20-7 35
5		19-Norpregn-4-ene-3,20-dione, 10...	326 C22H30O2	013258-85-0 22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086718.D
Acq On : 5 May 2016 21:16
Operator : UM/SJ
Sample : H2829-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

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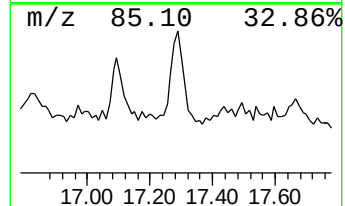
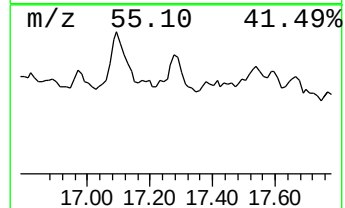
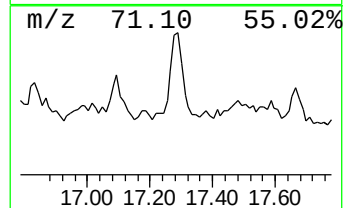
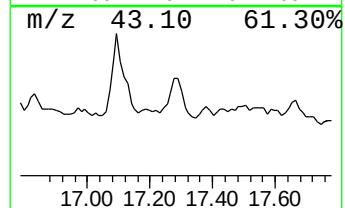
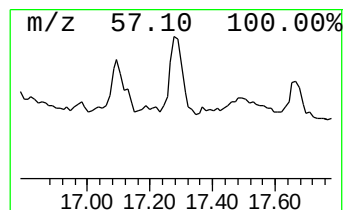
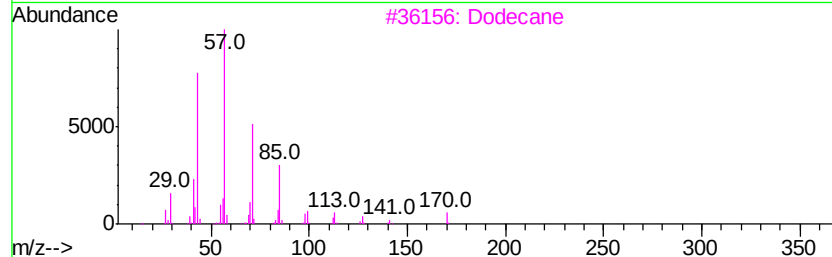
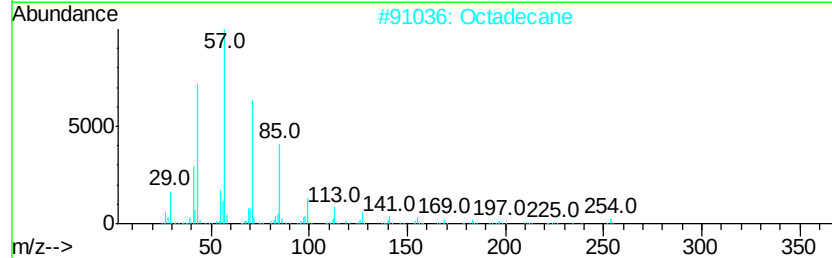
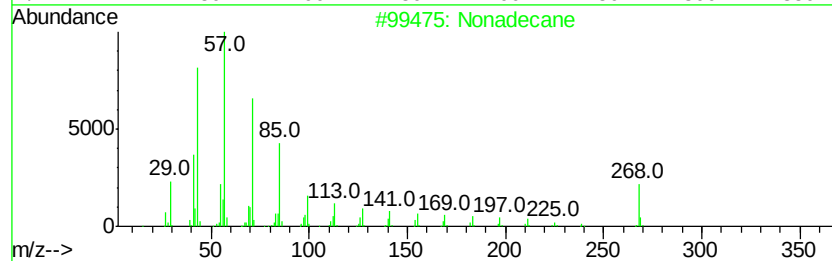
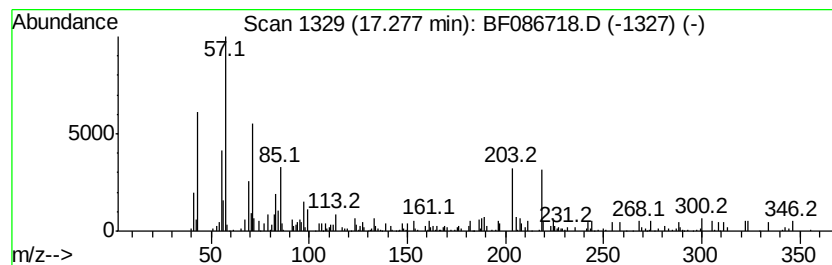
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.28 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	7.58 ng	195138	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	46
2			Octadecane	254	C18H38	000593-45-3	46
3			Dodecane	170	C12H26	000112-40-3	46
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	41
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086718.D
Acq On : 5 May 2016 21:16
Operator : UM/SJ
Sample : H2829-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

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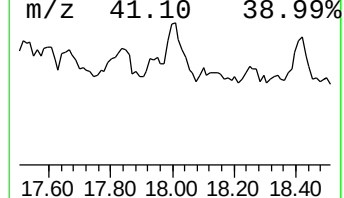
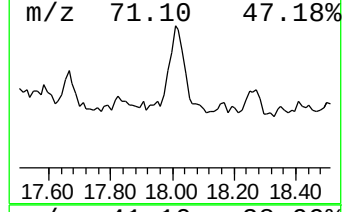
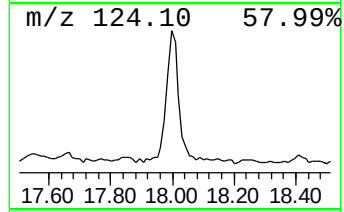
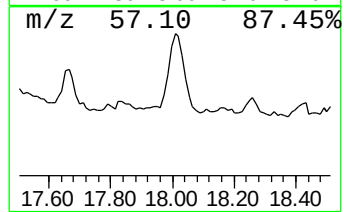
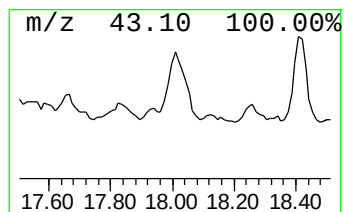
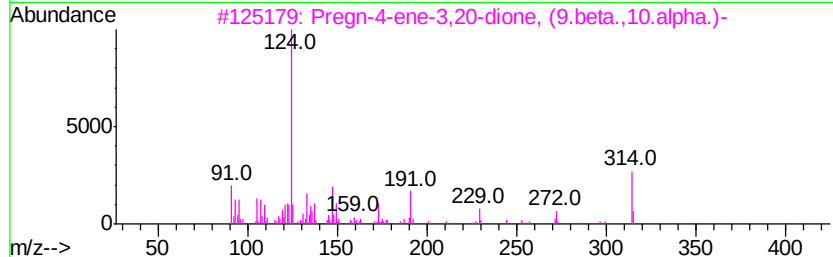
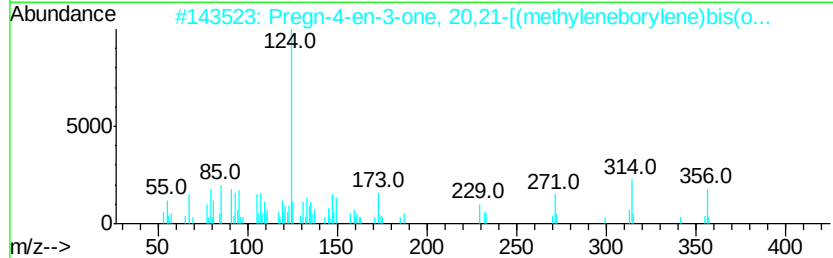
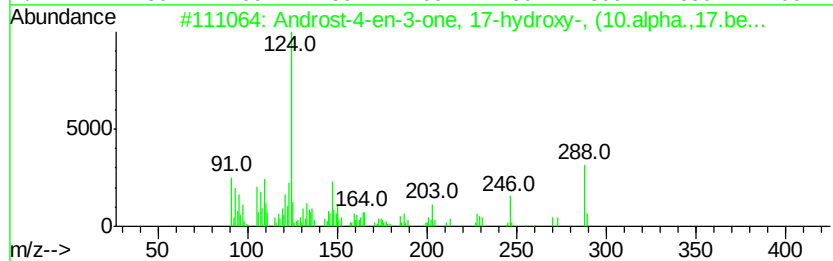
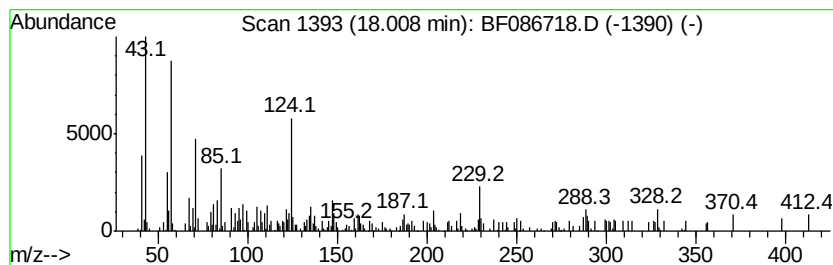
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Androst-4-en-3-one, 17-hydr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	14.07 ng	362261	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	60
2		Pregn-4-en-3-one, 20,21-[(methyl...	356	C22H33BO3	030882-65-6	38
3		Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	30
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	30
5		1-Bromodocosane	388	C22H45Br	006938-66-5	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086718.D
Acq On : 5 May 2016 21:16
Operator : UM/SJ
Sample : H2829-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B8(0-4.5)-C

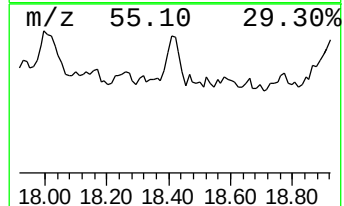
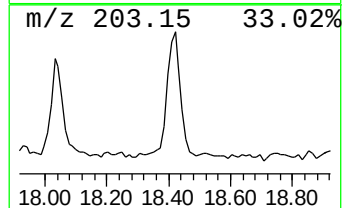
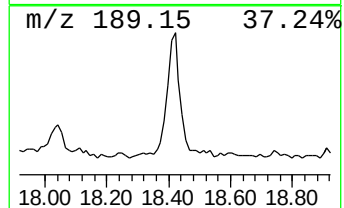
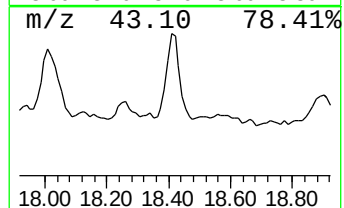
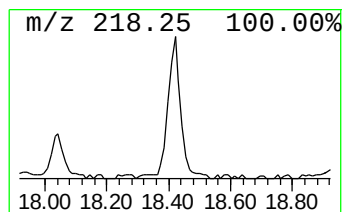
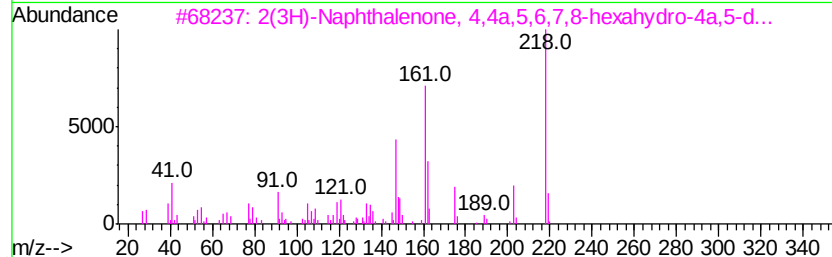
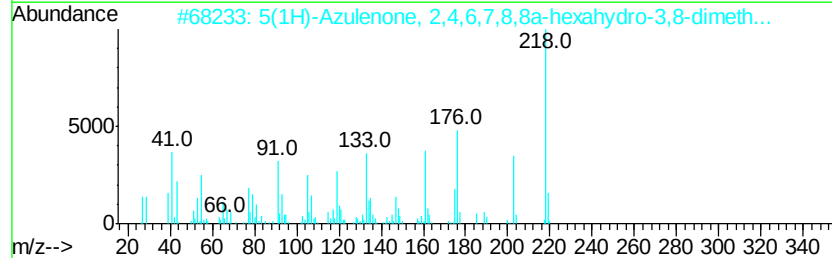
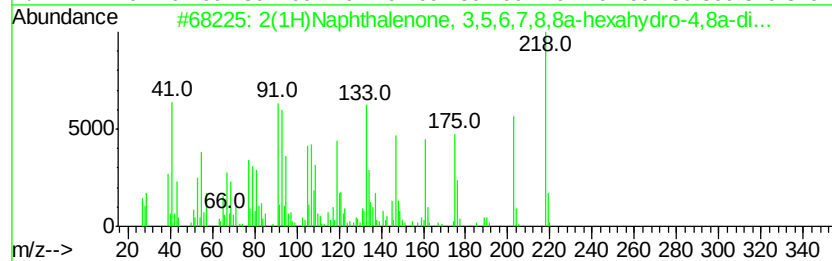
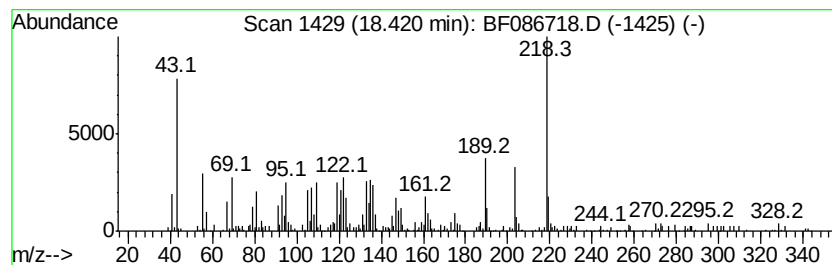
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2(1H)Naphthalenone, 3,5,6,7... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	15.51 ng	399162	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	70
2		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	64
3		2(3H)-Naphthalenone, 4,4a,5,6,7,...	218	C15H22O	019598-45-9	43
4		2,4-Diethoxyquinazoline	218	C12H14N2O2	000611-65-4	41
5		Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086718.D
 Acq On : 5 May 2016 21:16
 Operator : UM/SJ
 Sample : H2829-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TP-B8(0-4.5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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...	4.88	15.7	ng	504034	1	6.73	1282100	40.0
unknown6.50	6.50	148.7	ng	4765550	1	6.73	1282100	40.0
Hexadecane	10.67	6.0	ng	221170	4	11.24	1482000	40.0
n-Hexadecanoic acid	11.79	14.8	ng	546788	4	11.24	1482000	40.0
Trifluoroacetic a...	13.73	16.7	ng	575361	5	13.87	1377360	40.0
Tritetracontane	14.36	15.0	ng	515550	5	13.87	1377360	40.0
Tetradecanal	14.79	9.1	ng	233035	6	15.27	1029670	40.0
Cyclotetracosane	14.98	40.1	ng	1033490	6	15.27	1029670	40.0
Z-2-Octadecen-1-ol	15.48	12.5	ng	320978	6	15.27	1029670	40.0
Tetratetracontane	15.69	22.5	ng	579565	6	15.27	1029670	40.0
Cycloeicosane	15.75	7.8	ng	200016	6	15.27	1029670	40.0
(Z)-14-Tricosenyl...	16.40	6.6	ng	169925	6	15.27	1029670	40.0
Dibenzo[def,mno]c...	16.57	7.6	ng	195332	6	15.27	1029670	40.0
Docosane	16.67	8.5	ng	218040	6	15.27	1029670	40.0
unknown16.73	16.73	7.8	ng	201686	6	15.27	1029670	40.0
.gamma.-Sitosterol	17.09	26.1	ng	670467	6	15.27	1029670	40.0
unknown17.28	17.28	7.6	ng	195138	6	15.27	1029670	40.0
Androst-4-en-3-on...	18.01	14.1	ng	362261	6	15.27	1029670	40.0
2(1H)Naphthalenon...	18.42	15.5	ng	399162	6	15.27	1029670	40.0