

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092316\
 Data File : BF090204.D
 Acq On : 23 Sep 2016 18:16
 Operator : UM/SJ
 Sample : H4867-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-07

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.655	4	6	61	rVB	3499719	10305667	100.00%	12.706%
2	4.593	260	263	275	rVB	360685	669474	6.50%	0.825%
3	5.061	301	304	307	rBV	2363846	2826270	27.42%	3.485%
4	5.381	328	332	343	rVB	170345	323891	3.14%	0.399%
5	5.736	361	363	365	rBV	136381	142822	1.39%	0.176%
6	6.159	397	400	402	rBV	2571710	2935607	28.49%	3.619%
7	6.262	406	409	411	rBV	2960143	2878541	27.93%	3.549%
8	6.490	427	429	435	rBV	769927	723488	7.02%	0.892%
9	6.650	441	443	445	rVB	2574222	2488145	24.14%	3.068%
10	6.822	457	458	463	rBV2	62899	110234	1.07%	0.136%
11	6.913	463	466	468	rBV	231293	262236	2.54%	0.323%
12	7.062	476	479	482	rBV	1608217	2027797	19.68%	2.500%
13	7.782	539	542	544	rBV	752576	853835	8.29%	1.053%
14	8.410	594	597	599	rVV	118526	168650	1.64%	0.208%
15	8.856	634	636	639	rBV	2881787	2635654	25.57%	3.250%
16	9.188	660	665	667	rBV2	150604	277247	2.69%	0.342%
17	9.256	669	671	676	rVB	839440	801512	7.78%	0.988%
18	9.382	676	682	685	rBV4	61710	128341	1.25%	0.158%
19	9.519	692	694	696	rBV	1053466	1021982	9.92%	1.260%
20	9.656	702	706	707	rBV	103013	155084	1.50%	0.191%
21	10.182	751	752	754	rVV2	140270	162231	1.57%	0.200%
22	10.296	759	762	765	rVV2	1101953	1643652	15.95%	2.027%
23	10.456	774	776	778	rVV2	183923	274154	2.66%	0.338%
24	10.502	778	780	781	rVV	317364	283518	2.75%	0.350%
25	10.536	781	783	784	rVV	361516	379846	3.69%	0.468%
26	10.571	784	786	789	rVV2	234107	490663	4.76%	0.605%
27	10.628	789	791	794	rVV2	152490	352712	3.42%	0.435%
28	10.673	794	795	797	rVV2	363824	458149	4.45%	0.565%
29	10.719	797	799	801	rVV	279109	399817	3.88%	0.493%
30	10.753	801	802	805	rVV2	228507	216307	2.10%	0.267%
31	10.891	811	814	816	rVV4	93703	133312	1.29%	0.164%
32	10.982	820	822	827	rVV	664432	789806	7.66%	0.974%
33	11.051	827	828	832	rVB3	117671	158239	1.54%	0.195%
34	11.176	837	839	842	rVB	137016	159715	1.55%	0.197%

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

35	11.245	842	845	850	rVB5	70234	154833	1.50%	0.191%
36	11.554	870	872	874	rBV	412805	390847	3.79%	0.482%
37	11.668	880	882	885	rBV3	113909	164295	1.59%	0.203%
38	11.931	904	905	909	rVB2	95060	108942	1.06%	0.134%
39	12.011	909	912	915	rBV5	70643	180671	1.75%	0.223%
40	12.079	915	918	920	rBV2	130232	216476	2.10%	0.267%
41	12.182	926	927	930	rBV	131481	144595	1.40%	0.178%
42	12.251	930	933	935	rBV	1928488	2726656	26.46%	3.362%
43	12.331	938	940	942	rBV2	96686	125830	1.22%	0.155%
44	12.411	944	947	949	rBV	86077	113331	1.10%	0.140%
45	12.571	959	961	963	rBV	1801935	1732610	16.81%	2.136%
46	12.685	969	971	974	rBV2	522284	679993	6.60%	0.838%
47	12.731	974	975	980	rVB4	149598	282226	2.74%	0.348%
48	12.811	980	982	983	rBV2	88014	144135	1.40%	0.178%
49	12.868	985	987	990	rVB3	120654	159338	1.55%	0.196%
50	12.959	992	995	997	rBV	2158529	2514608	24.40%	3.100%
51	12.994	997	998	1000	rVB	266586	342284	3.32%	0.422%
52	13.051	1000	1003	1004	rBV2	125527	245324	2.38%	0.302%
53	13.074	1004	1005	1006	rBV	234633	226098	2.19%	0.279%
54	13.314	1023	1026	1027	rBV	1223153	1571177	15.25%	1.937%
55	13.337	1027	1028	1032	rVV4	211334	351393	3.41%	0.433%
56	13.439	1032	1037	1039	rVV3	365898	804933	7.81%	0.992%
57	13.485	1039	1041	1045	rVB	517597	696311	6.76%	0.859%
58	13.542	1045	1046	1048	rBV	120403	161708	1.57%	0.199%
59	13.599	1048	1051	1052	rVV	729144	1031823	10.01%	1.272%
60	13.634	1052	1054	1056	rVB	710338	1019564	9.89%	1.257%
61	13.737	1061	1063	1064	rVV	218585	296685	2.88%	0.366%
62	13.771	1064	1066	1069	rVV	760201	1024451	9.94%	1.263%
63	13.839	1071	1072	1076	rVV	475787	575891	5.59%	0.710%
64	13.954	1080	1082	1086	rVB	955089	994420	9.65%	1.226%
65	14.114	1094	1096	1099	rBV	798983	1136288	11.03%	1.401%
66	14.285	1109	1111	1114	rBV3	118280	169433	1.64%	0.209%
67	14.468	1125	1127	1129	rVB	261269	233586	2.27%	0.288%
68	14.582	1135	1137	1144	rBV2	345946	673463	6.53%	0.830%
69	14.708	1144	1148	1150	rVV2	520545	878888	8.53%	1.084%
70	14.925	1165	1167	1170	rBV	568150	622303	6.04%	0.767%
71	15.154	1185	1187	1191	rBV2	69535	109427	1.06%	0.135%

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72	15.337	1201	1203	1205	rBV	250090	397064	3.85%	0.490%
73	15.382	1205	1207	1210	rVV	529304	775968	7.53%	0.957%
74	15.440	1210	1212	1214	rVB2	83098	116596	1.13%	0.144%
75	15.497	1214	1217	1224	rVB3	458017	1081733	10.50%	1.334%
76	15.657	1227	1231	1233	rBV2	364032	695044	6.74%	0.857%
77	15.794	1241	1243	1246	rBV	93124	184708	1.79%	0.228%
78	15.851	1246	1248	1250	rVV2	92513	138751	1.35%	0.171%
79	15.954	1253	1257	1263	rVB4	106311	326624	3.17%	0.403%
80	16.114	1265	1271	1275	rBV7	160010	575844	5.59%	0.710%
81	16.217	1278	1280	1282	rVV	164778	344225	3.34%	0.424%
82	16.263	1282	1284	1287	rVB	151107	248236	2.41%	0.306%
83	16.354	1287	1292	1295	rBV4	236913	716720	6.95%	0.884%
84	16.411	1295	1297	1302	rVB2	182045	377770	3.67%	0.466%
85	16.548	1305	1309	1320	rBV5	824788	3199112	31.04%	3.944%
86	16.708	1320	1323	1327	rVB	182587	396986	3.85%	0.489%
87	16.788	1327	1330	1333	rBV2	316654	749241	7.27%	0.924%
88	16.891	1337	1339	1344	rVV	298177	862978	8.37%	1.064%
89	16.983	1344	1347	1350	rVB2	301613	693976	6.73%	0.856%
90	17.085	1354	1356	1359	rVB2	102299	180376	1.75%	0.222%
91	17.154	1359	1362	1369	rBV3	360119	1288814	12.51%	1.589%
92	17.268	1369	1372	1375	rBV2	159090	292170	2.84%	0.360%
93	17.337	1375	1378	1383	rVB	380068	899571	8.73%	1.109%
94	17.543	1393	1396	1400	rBV4	62069	190757	1.85%	0.235%
95	17.691	1406	1409	1411	rBV	57433	151850	1.47%	0.187%
96	17.737	1411	1413	1418	rVB2	108511	245568	2.38%	0.303%
97	17.988	1431	1435	1441	rVB	258137	825209	8.01%	1.017%
98	18.148	1442	1449	1454	rBV	1313228	3917706	38.02%	4.830%
99	19.246	1541	1545	1554	rVB7	64992	251444	2.44%	0.310%
100	19.440	1558	1562	1568	rVB3	104085	339373	3.29%	0.418%

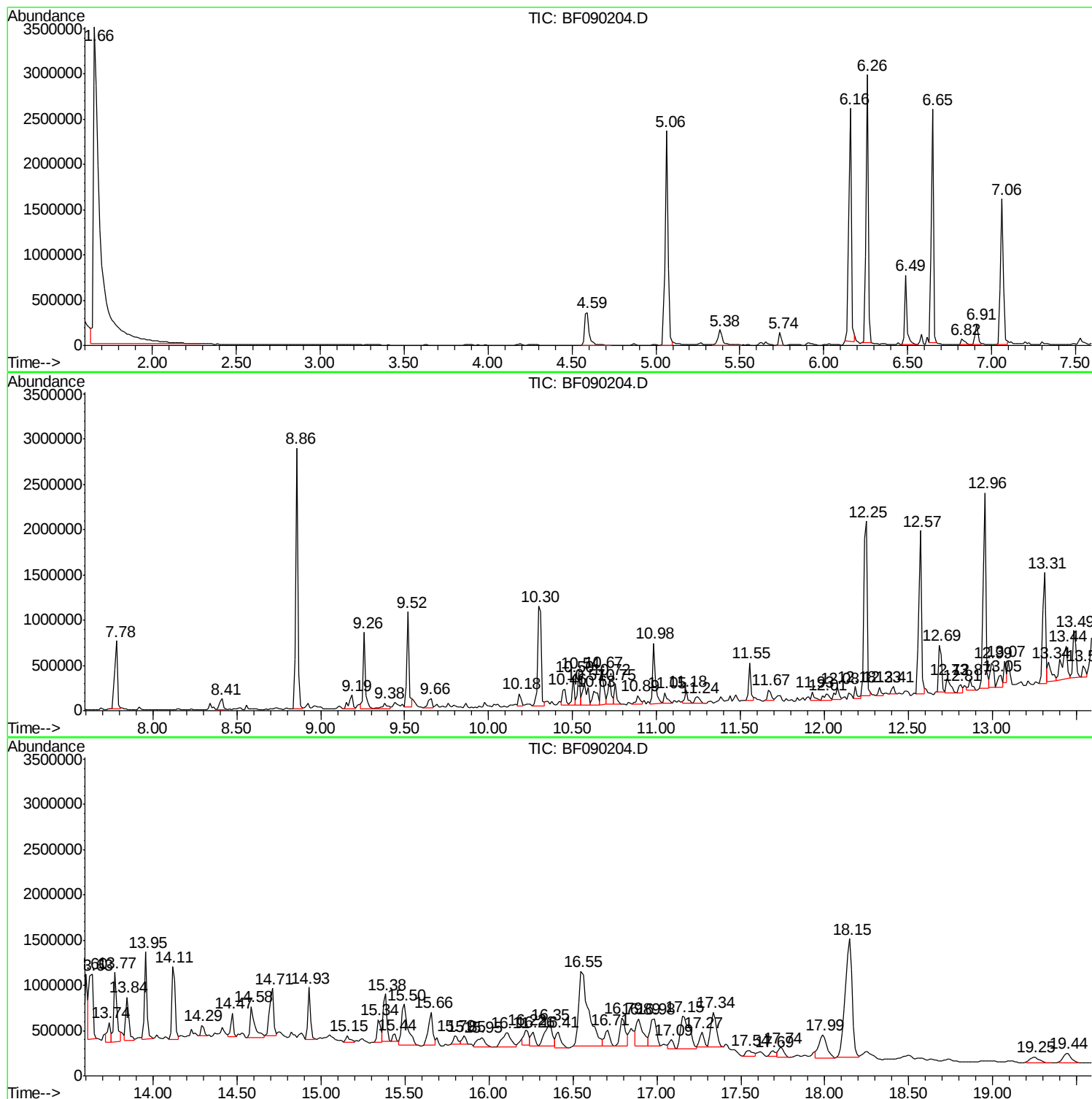
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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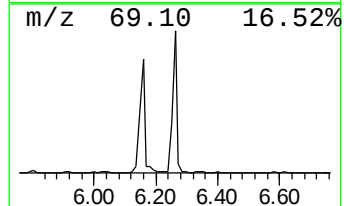
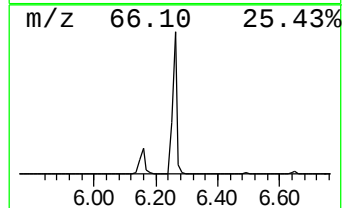
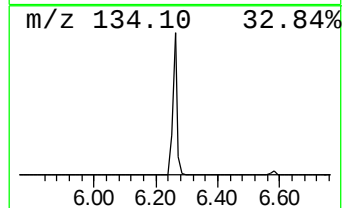
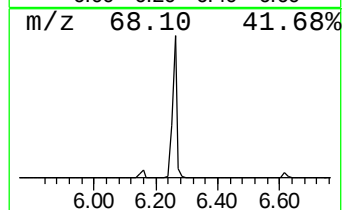
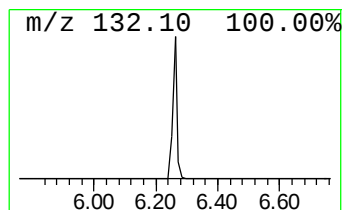
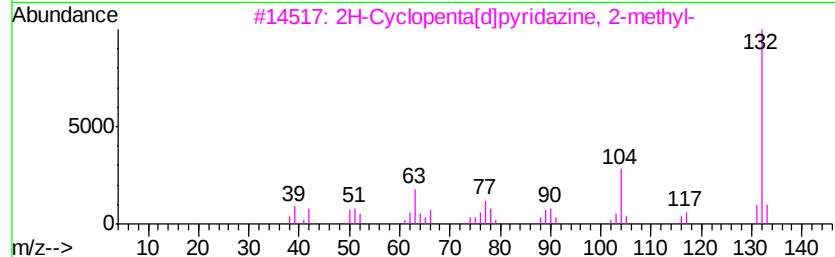
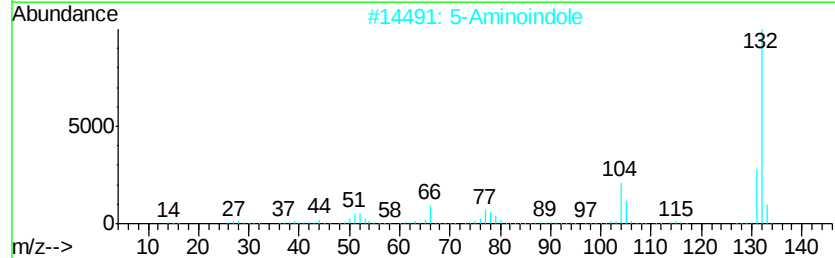
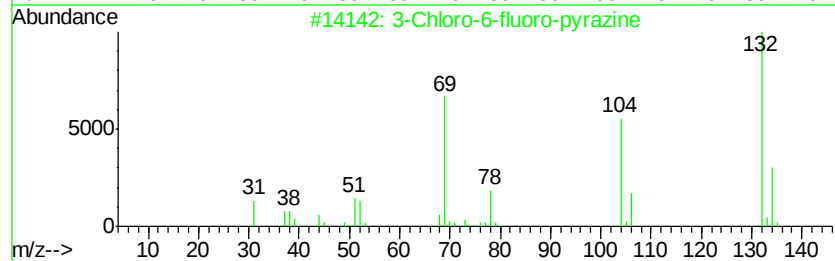
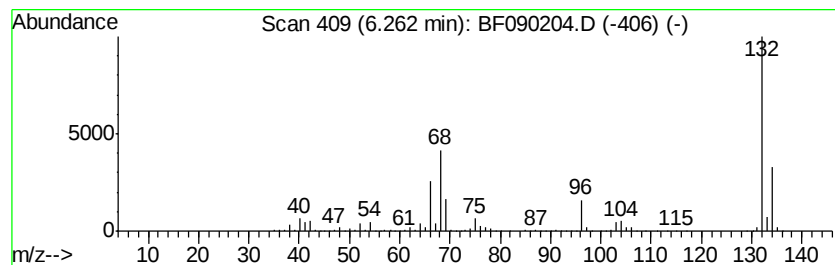
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	79.57 ng	2878540	1,4-Dichlorobenzene-d4	6.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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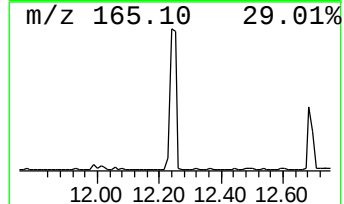
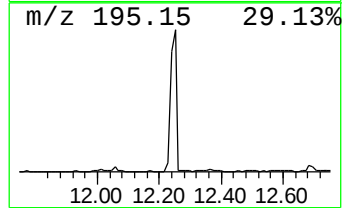
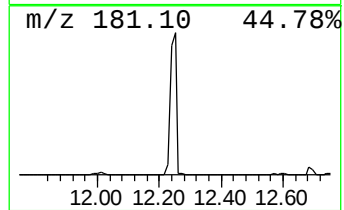
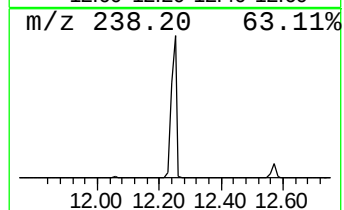
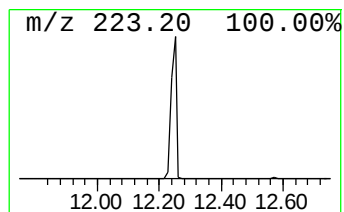
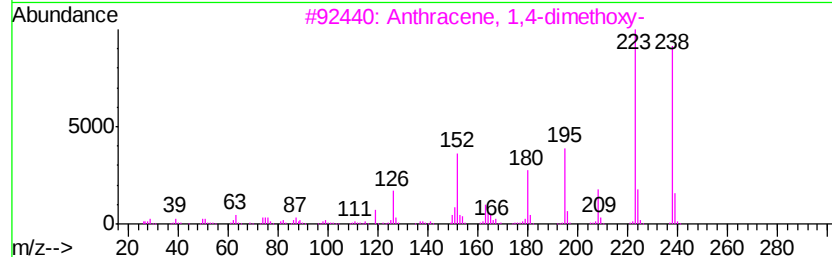
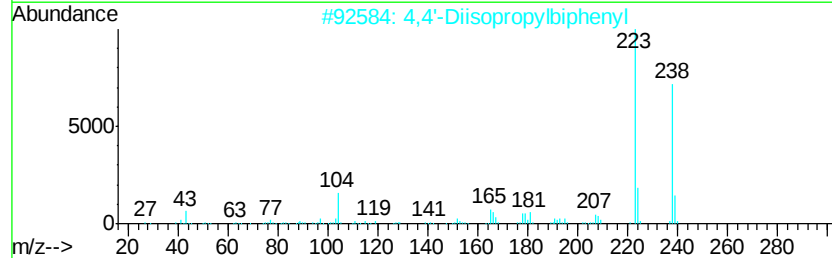
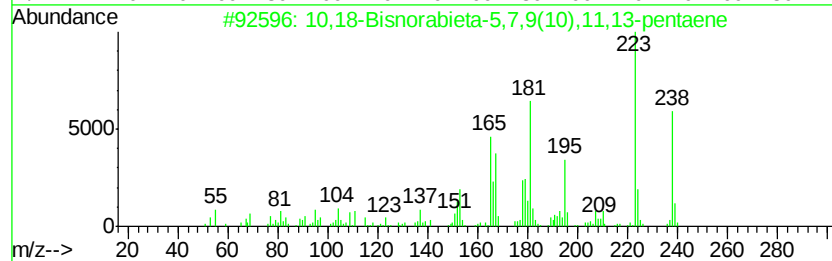
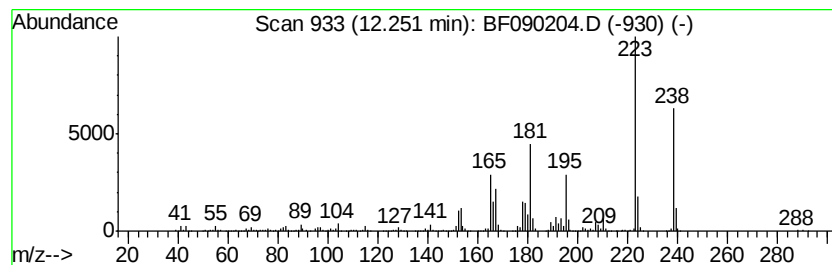
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.25	69.05 ng	2726660	Phenanthrene-d10	10.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
3	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	58
4	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	53
5	2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	53



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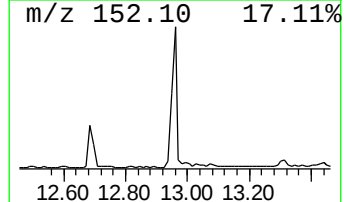
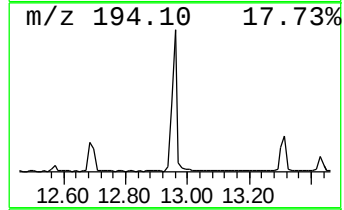
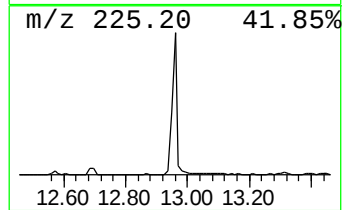
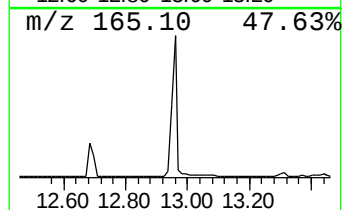
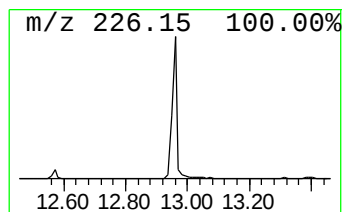
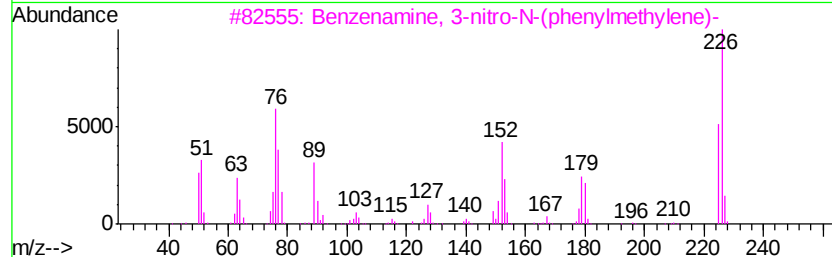
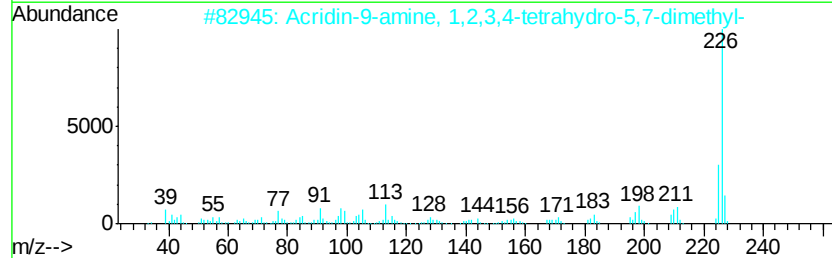
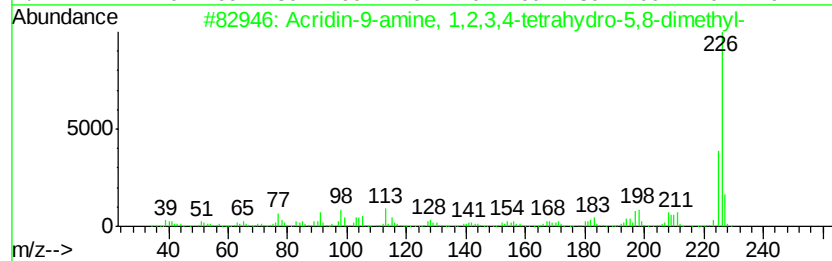
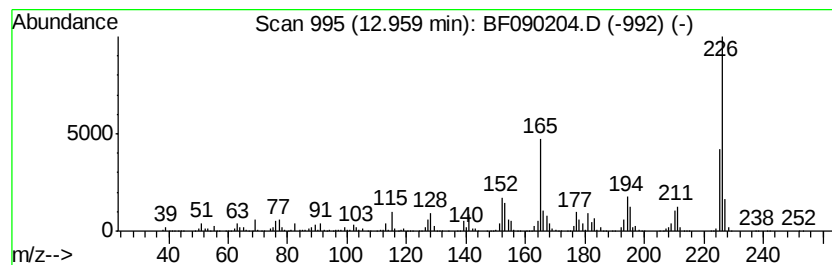
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	48.74 ng	2514610	Chrysene-d12	13.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70	
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	64	
3	Benzenamine, 3-nitro-N-(phenylme...	226	C13H10N2O2	005341-44-6	49	
4	Benzenamine, 4,4'-methvlenebis[2...	226	C15H18N2	000838-88-0	47	
5	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	46	



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Acq On : 23 Sep 2016 18:16
Operator : UM/SJ
Sample : H4867-04
Misc :
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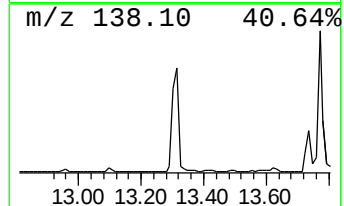
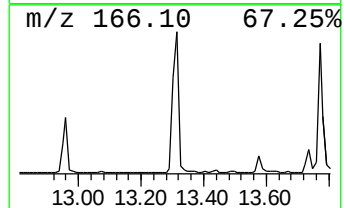
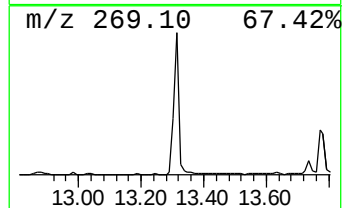
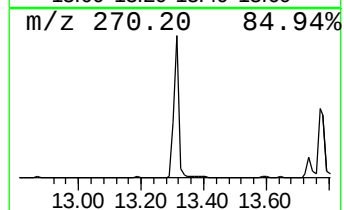
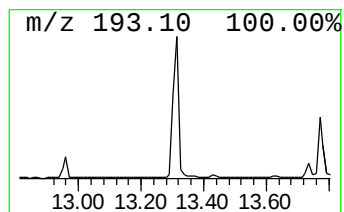
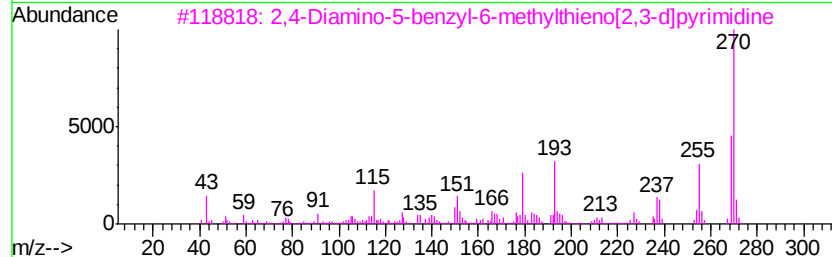
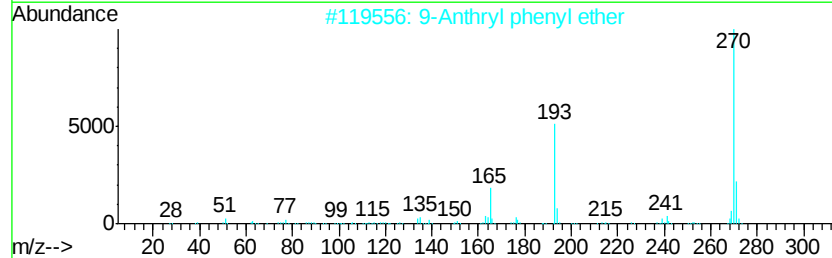
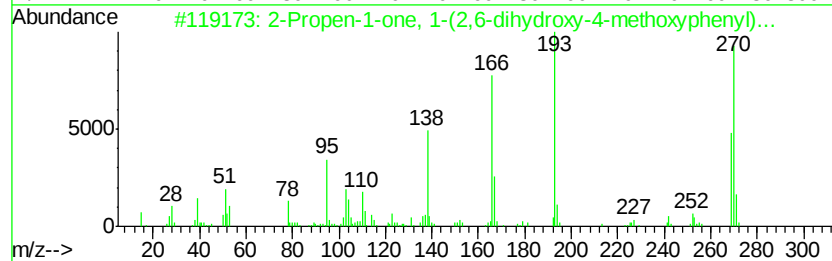
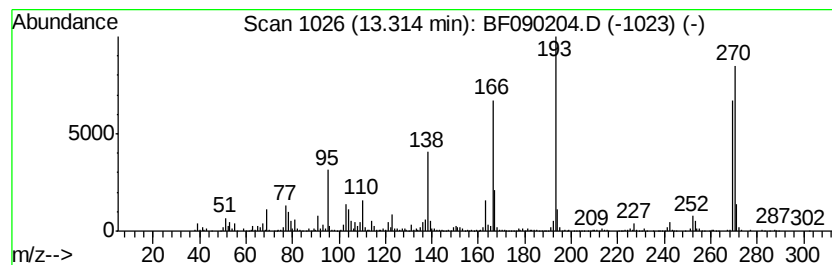
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ClientSampleId :
TS-WSG-16121-07

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

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

Peak Number 6 2-Propen-1-one, 1-(2,6-dihy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.31	30.45 ng	1571180	Chrysene-d12	13.60		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1-(2,6-dihydroxyv...	270	C16H14O4	018956-15-5	97	
2	9-Anthryl phenyl ether	270	C20H14O	074067-56-4	43	
3	2,4-Diamino-5-benzyl-6-methylthi...	270	C14H14N4S	042160-19-0	35	
4	Acridine, 9-anilino-	270	C19H14N2	003340-22-5	30	
5	2H-1-Benzopyran-7-ol, 3,4-dihydr...	270	C17H18O3	055670-26-3	27	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092316\
Data File : BF090204.D
Acq On : 23 Sep 2016 18:16
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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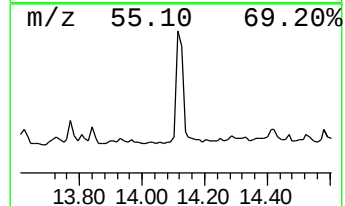
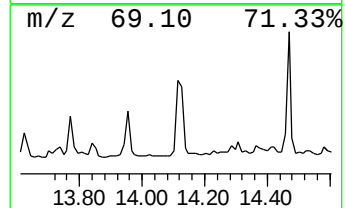
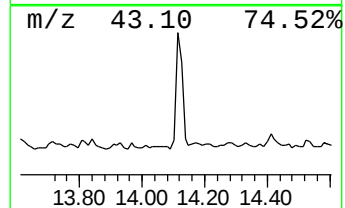
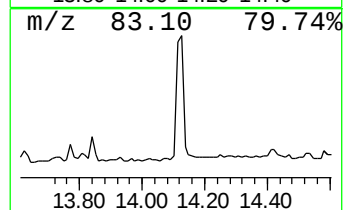
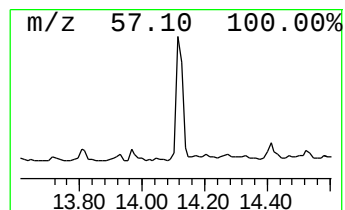
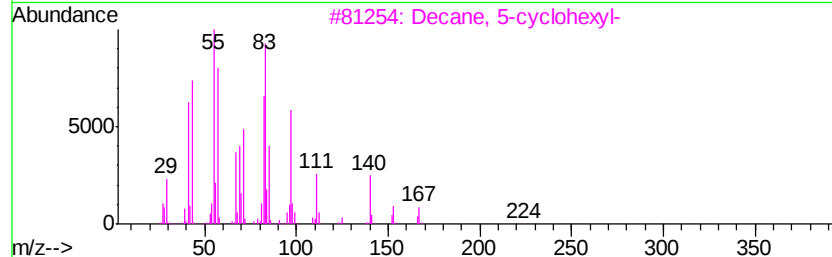
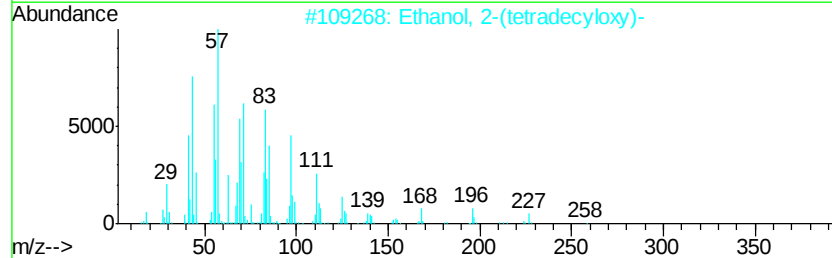
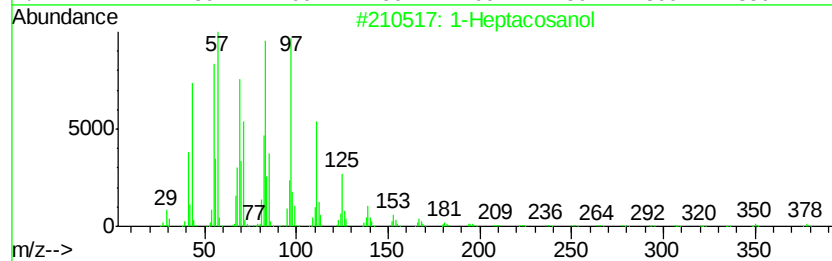
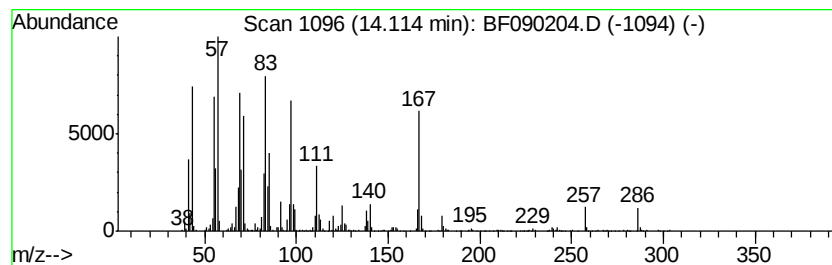
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Heptacosanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	22.02 ng	1136290	Chrysene-d12	13.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	83
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
3		Decane, 5-cyclohexyl-	224	C16H32	013151-76-3	76
4		17-Pentatriacontene	491	C35H70	006971-40-0	68
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092316\
Data File : BF090204.D
Acq On : 23 Sep 2016 18:16
Operator : UM/SJ
Sample : H4867-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TS-WSG-16121-07

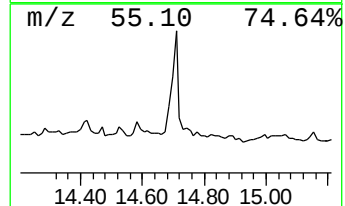
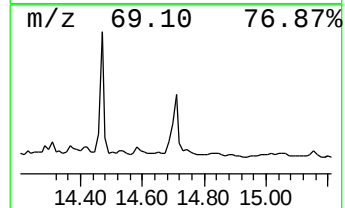
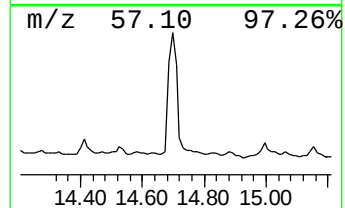
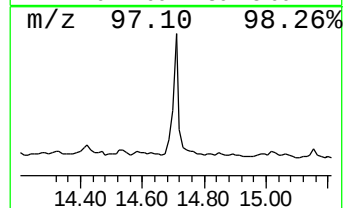
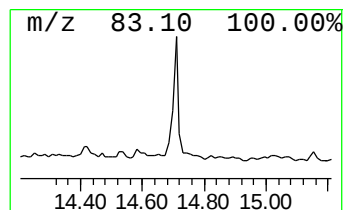
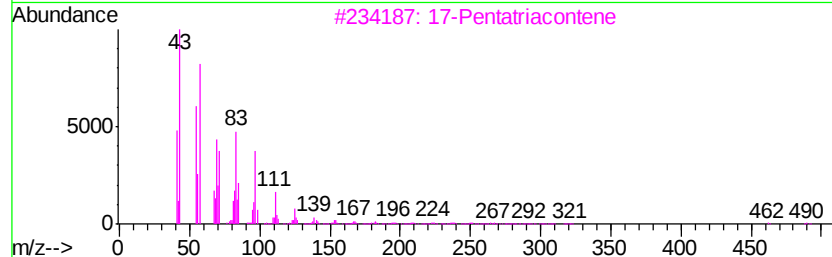
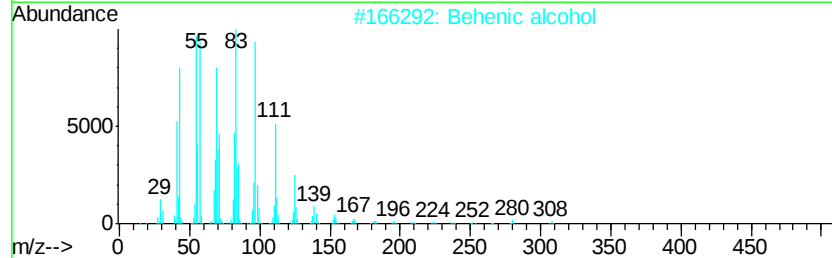
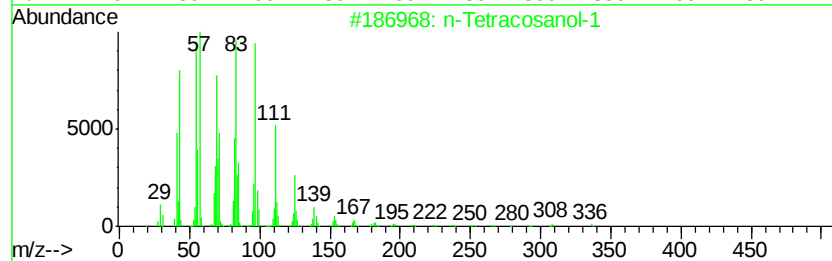
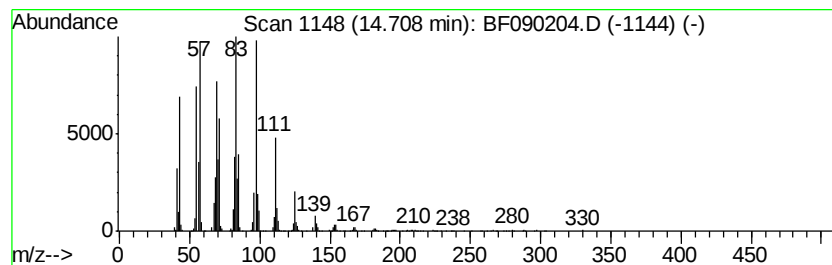
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Tetracosanol-1 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	28.25 ng	878888	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		1-Heptacosanol	396	C27H56O	002004-39-9	91
5		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092316\
Data File : BF090204.D
Acq On : 23 Sep 2016 18:16
Operator : UM/SJ
Sample : H4867-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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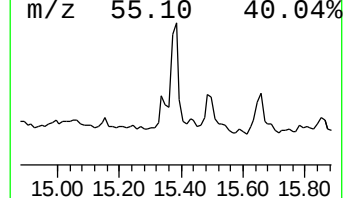
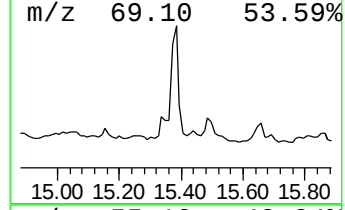
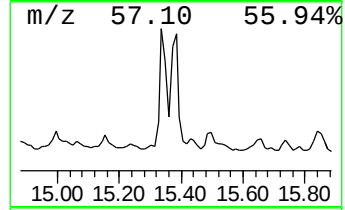
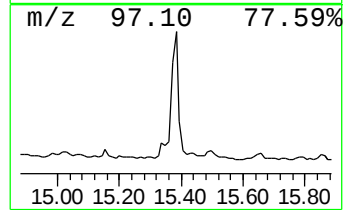
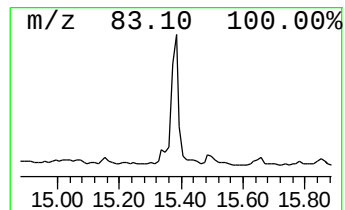
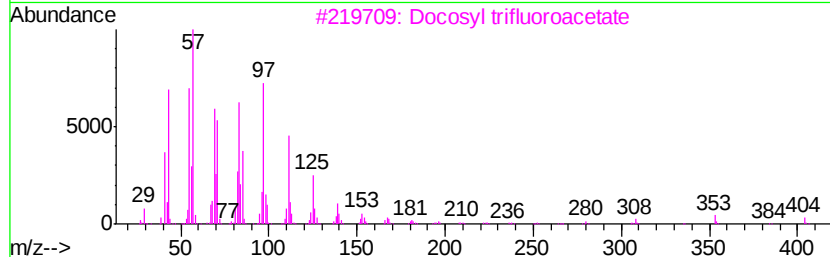
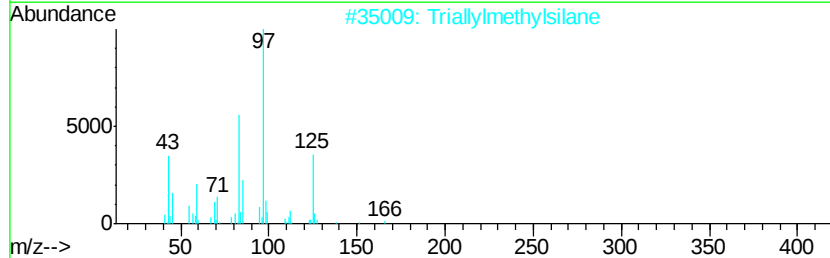
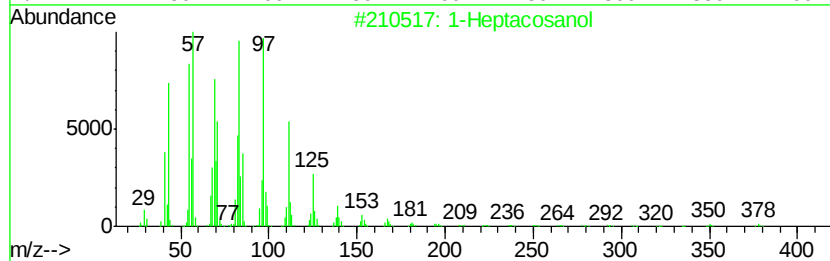
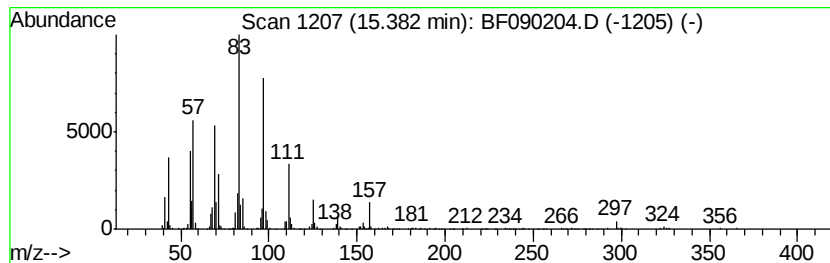
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown15.38 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	24.94 ng	775968	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	46
2		Triallylmethylsilane	166	C10H18Si	001112-91-0	45
3		Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	38
4		Octacosanol	410	C28H58O	000557-61-9	38
5		Cyclohexanepropanoic acid	156	C9H16O2	000701-97-3	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090204.D
Acq On : 23 Sep 2016 18:16
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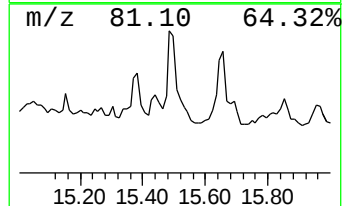
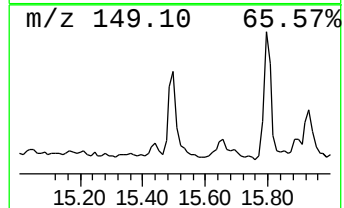
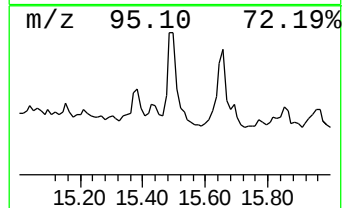
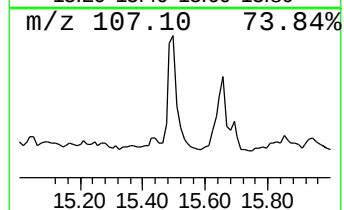
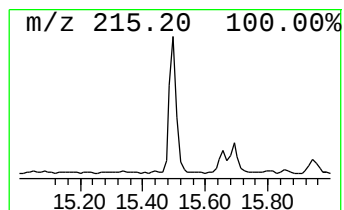
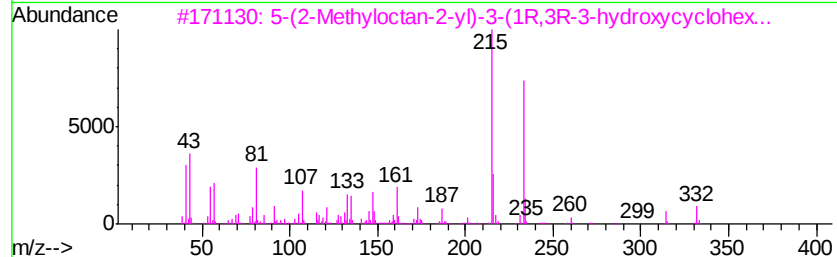
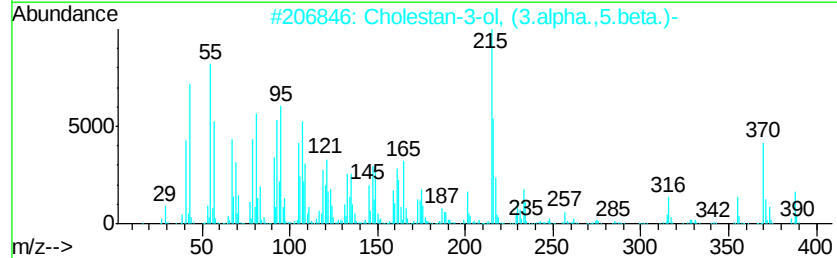
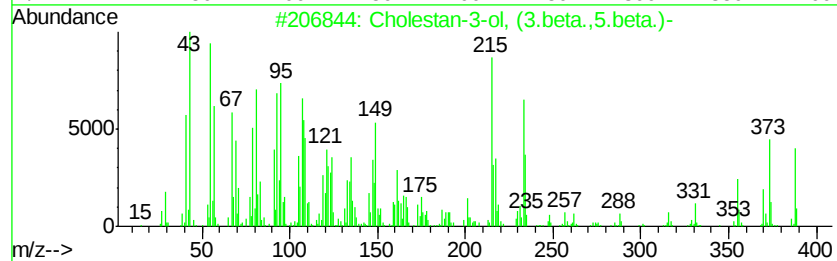
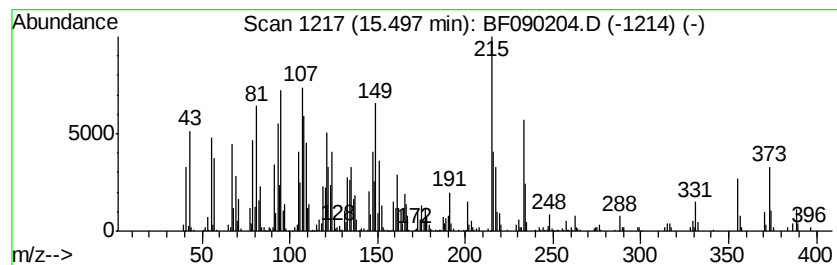
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	34.77 ng	1081730	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	76
2		Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	49
3		5-(2-Methyloctan-2-yl)-3-(1R,3R-...	332	C22H36O2	070434-92-3	25
4		Cyclopent[el]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	22
5		Cholestan-3-ol	388	C27H48O	027409-41-2	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090204.D
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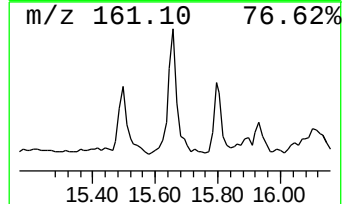
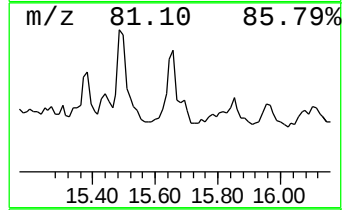
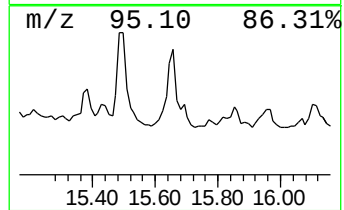
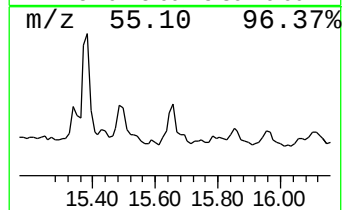
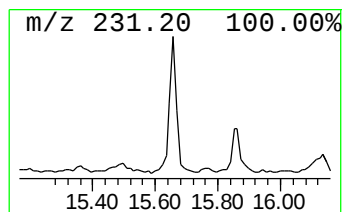
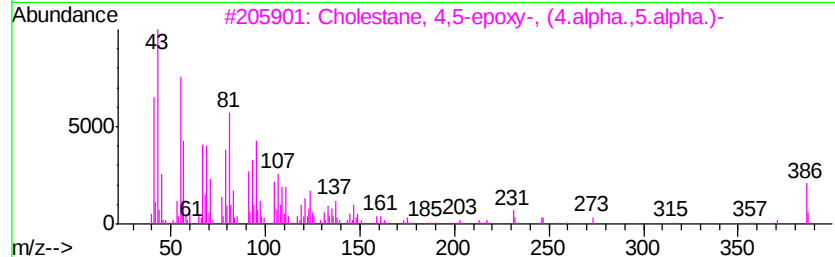
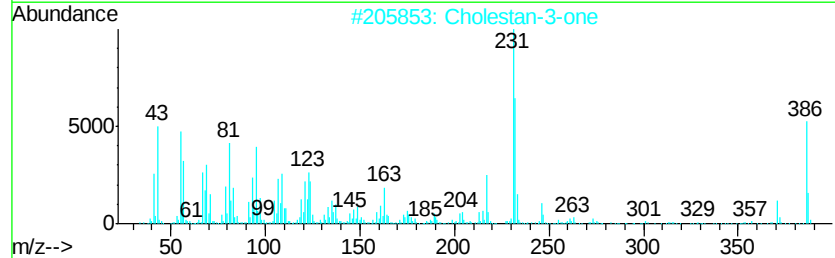
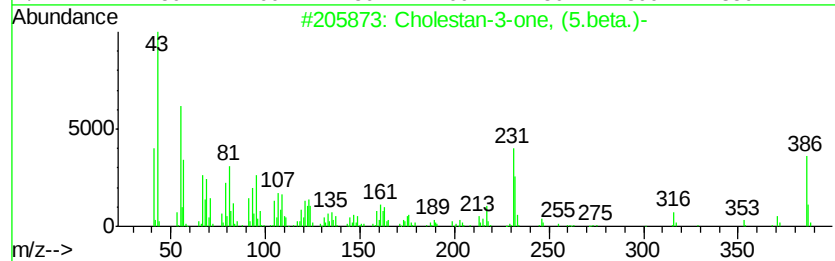
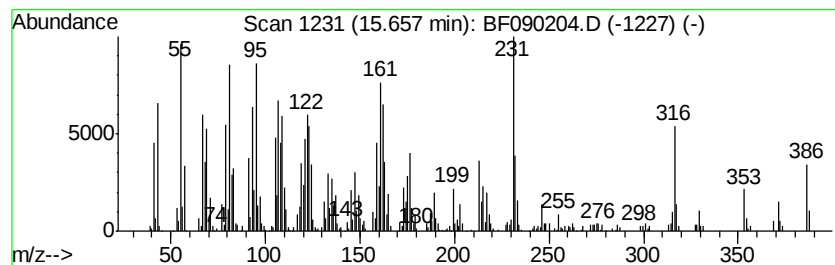
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cholestan-3-one, (5.beta.)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	22.34 ng	695044	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	51
2		Cholestan-3-one	386	C27H46O	015600-08-5	49
3		Cholestane, 4,5-epoxv-, (4.alpha...	386	C27H46O	006079-19-2	44
4		Cholesterol	386	C27H46O	000057-88-5	40
5		Cholestan-2-one	386	C27H46O	1000210-43-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092316\
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Acq On : 23 Sep 2016 18:16
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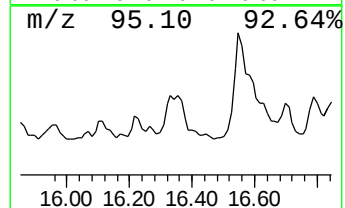
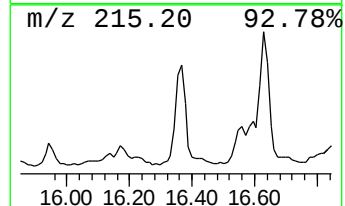
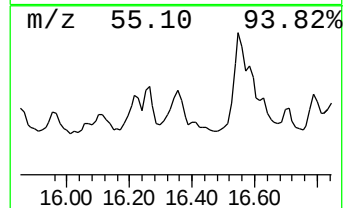
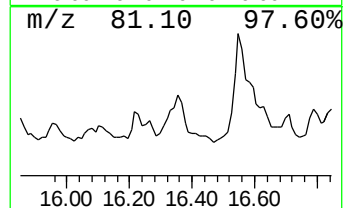
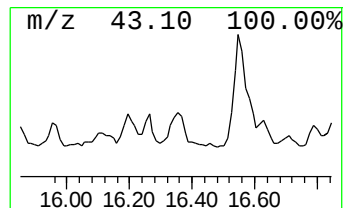
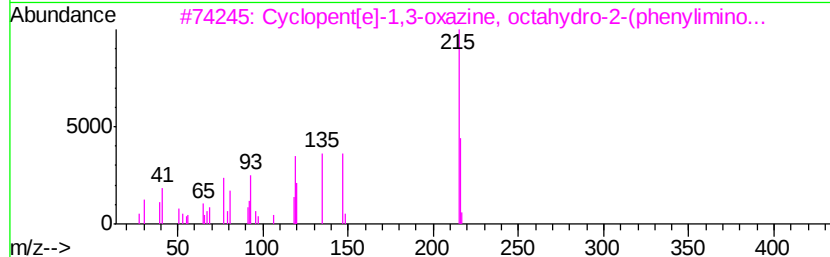
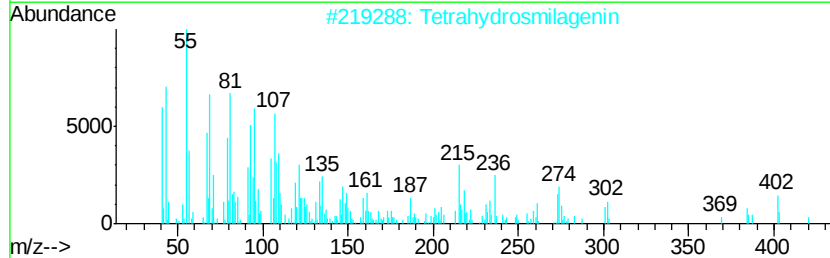
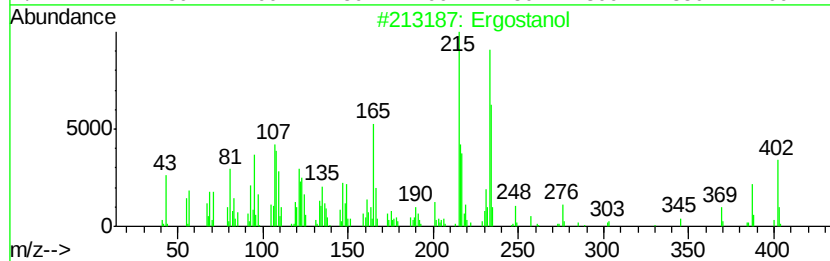
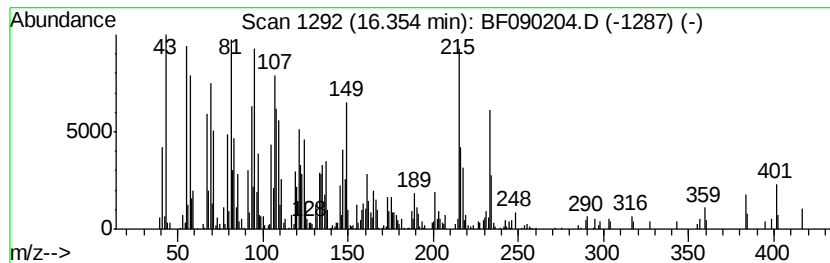
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown16.35 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	23.03 ng	716720	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ergostanol	402	C28H50O	006538-02-9	38
2		Tetrahydrosmilagenin	420	C27H48O3	1000255-29-0	27
3		Cyclopent[el]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	18
4		A-Norcholestan-3-one, 5-ethenyl-...	398	C28H46O	019594-90-2	15
5		Cholest-5-en-3-ol, 6-nitro-, ace...	473	C29H47NO4	001912-54-5	12



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090204.D
Acq On : 23 Sep 2016 18:16
Operator : UM/SJ
Sample : H4867-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-07

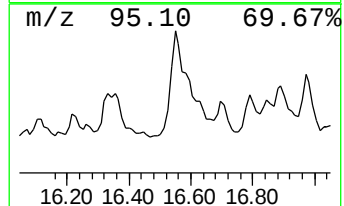
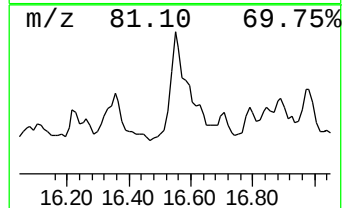
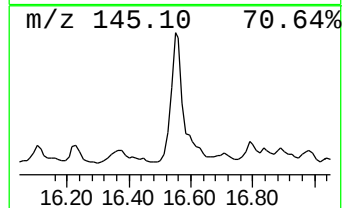
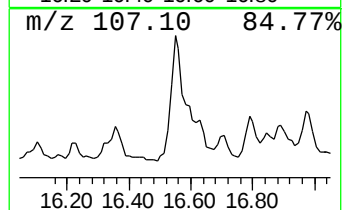
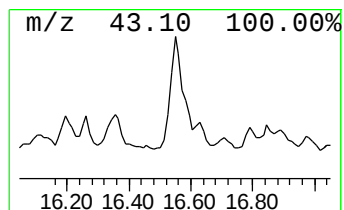
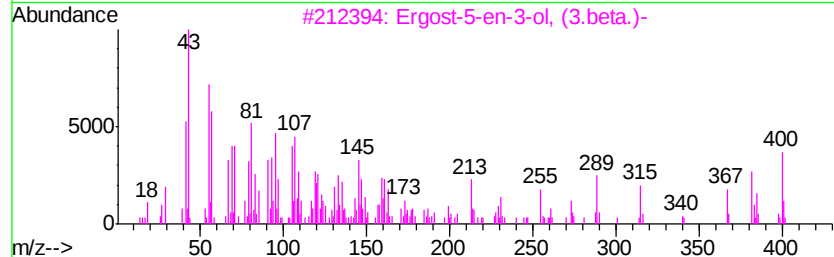
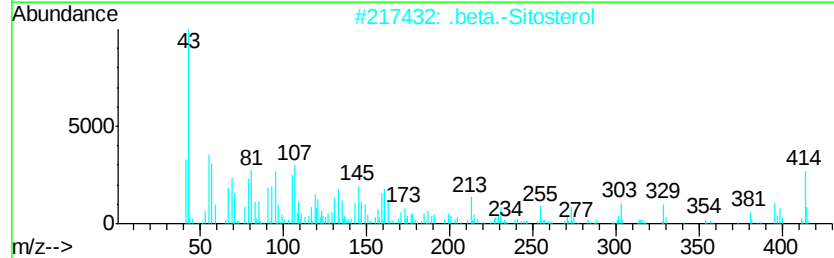
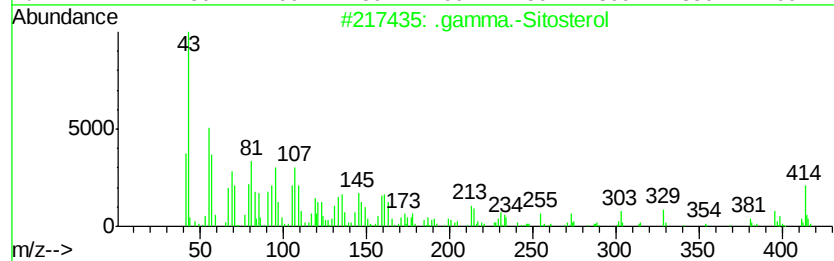
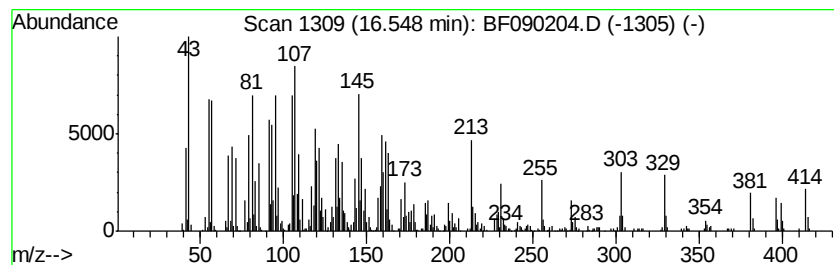
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	102.82 ng	3199110	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	87
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	83
3		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	64
4		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	45
5		N-(3-Chloro-4-fluoro-phenyl)-2-(...	329	C14H10Cl2FNOS	1000295-12-7	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090204.D
Acq On : 23 Sep 2016 18:16
Operator : UM/SJ
Sample : H4867-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
TS-WSG-16121-07

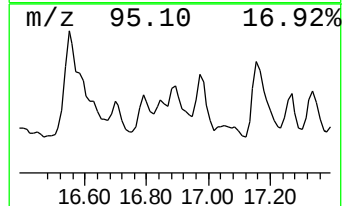
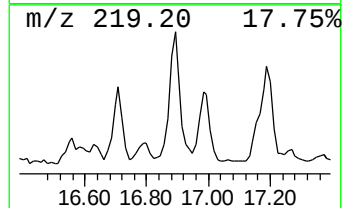
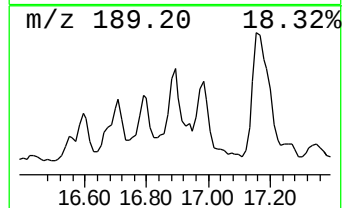
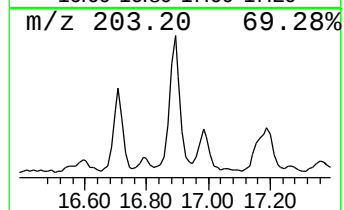
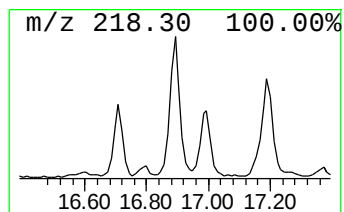
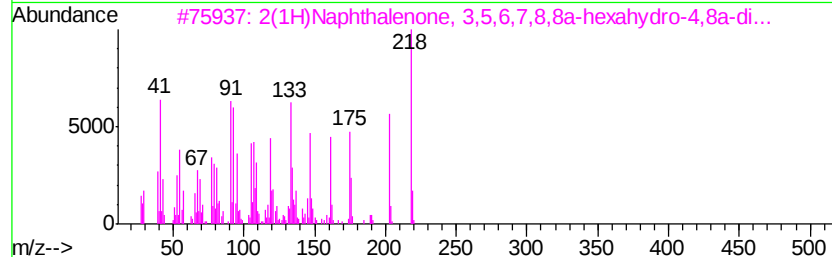
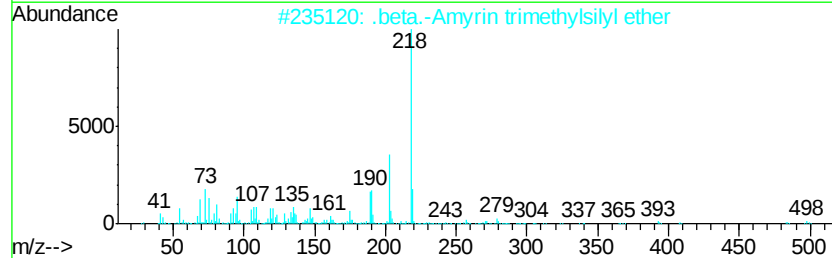
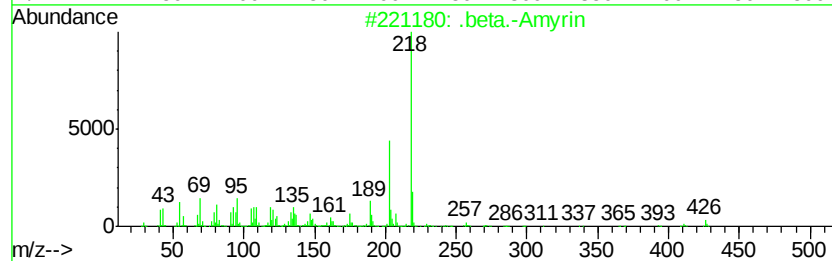
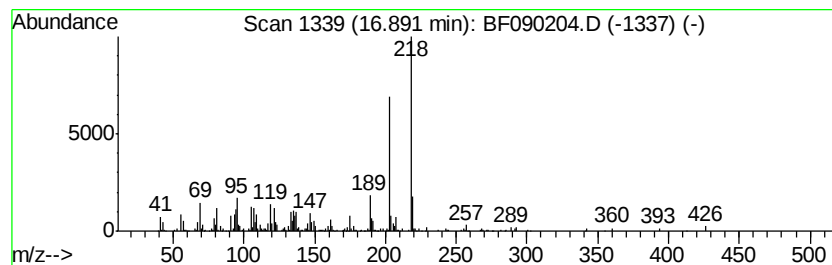
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 .beta.-Amyrin Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	27.74 ng	862978	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Amyrin	426	C30H50O	000559-70-6	74
2		.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	72
3		2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	72
4		.alpha.-Amyrin, trimethylsilyl e...	498	C33H58OSi	1000374-76-6	64
5		Thieno[2,3-b]pyridine-2-carbonit...	218	C10H10N4S	147992-88-9	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090204.D
Acq On : 23 Sep 2016 18:16
Operator : UM/SJ
Sample : H4867-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

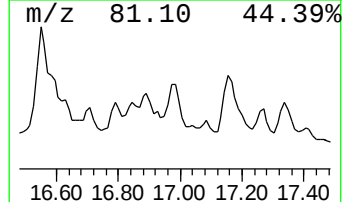
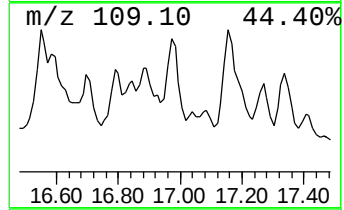
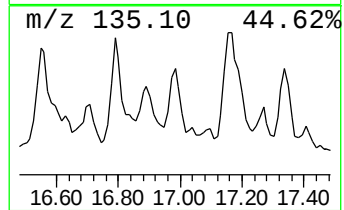
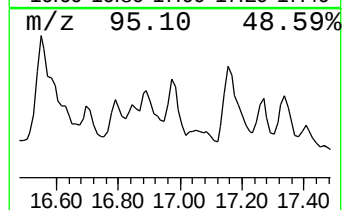
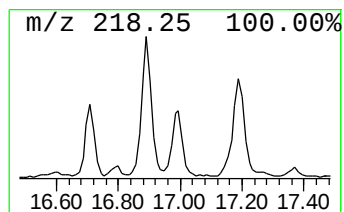
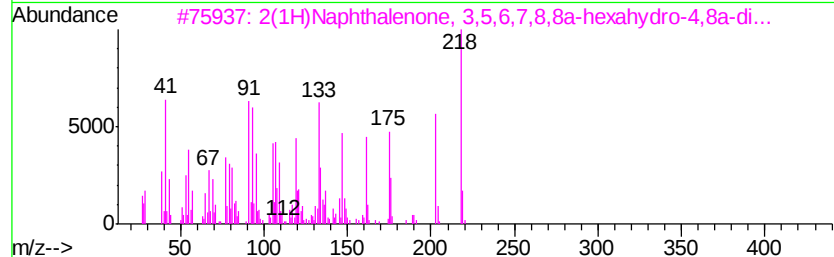
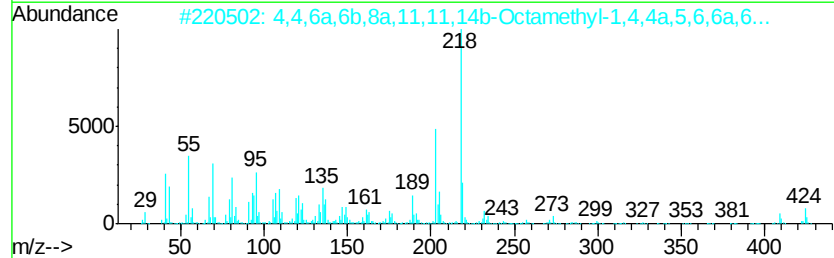
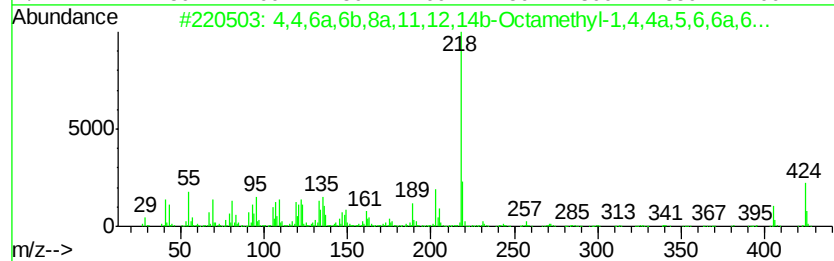
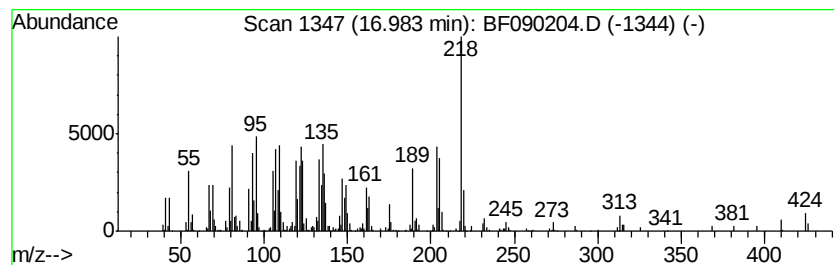
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4,4,6a,6b,8a,11,12,14b-Octa... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.98	22.30 ng	693976	Perylene-d12	14.93		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4,6a,6b,8a,11,12,14b-Octamethy...	424	C30H48O	1000194-64-2	98	
2	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	86	
3	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	83	
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	46	
5	D-Norandrostan-16-one, (5.alpha.)-	260	C18H28O	032319-06-5	38	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092316\
Data File : BF090204.D
Acq On : 23 Sep 2016 18:16
Operator : UM/SJ
Sample : H4867-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-07

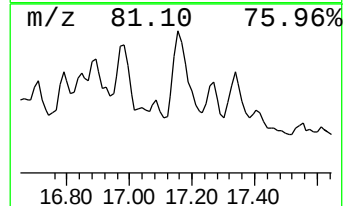
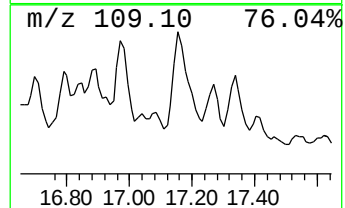
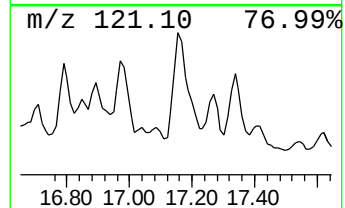
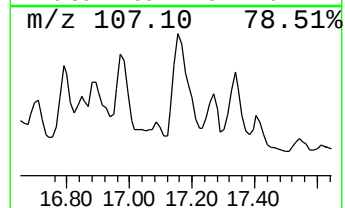
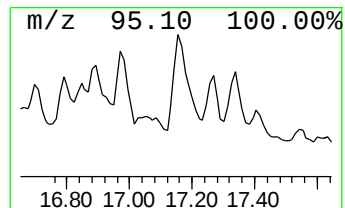
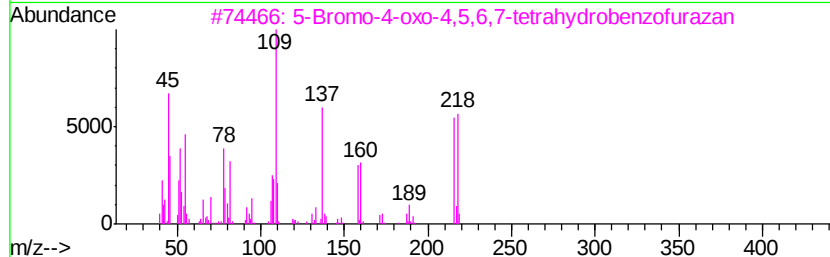
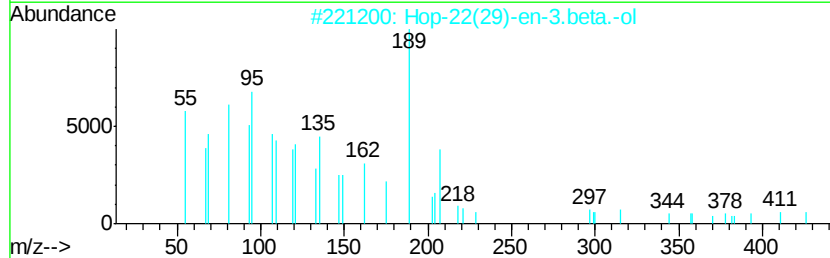
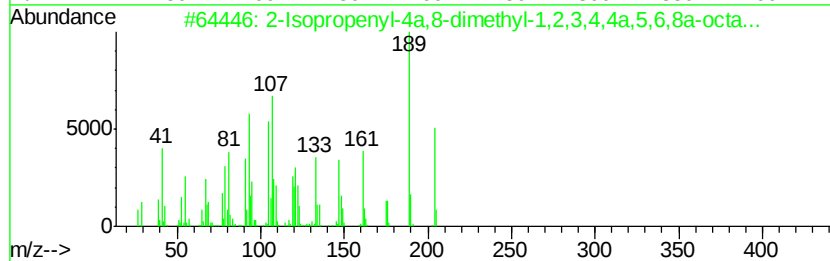
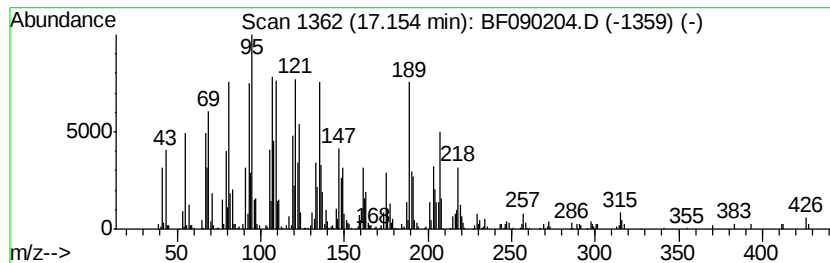
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	41.42 ng	1288810	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	80
2		Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	64
3		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
4		Guaia-9,11-diene	204	C15H24	1000374-19-8	53
5		Caparratriene	206	C15H26	1000374-08-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092316\
Data File : BF090204.D
Acq On : 23 Sep 2016 18:16
Operator : UM/SJ
Sample : H4867-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TS-WSG-16121-07

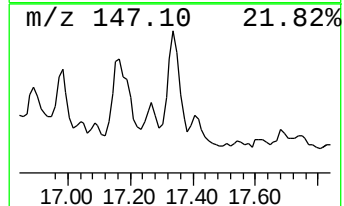
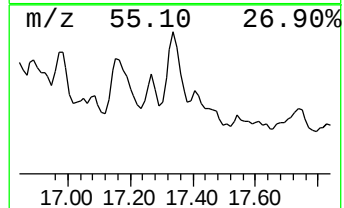
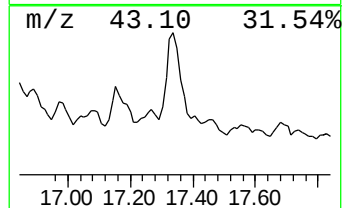
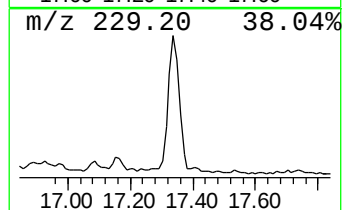
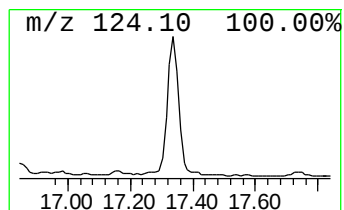
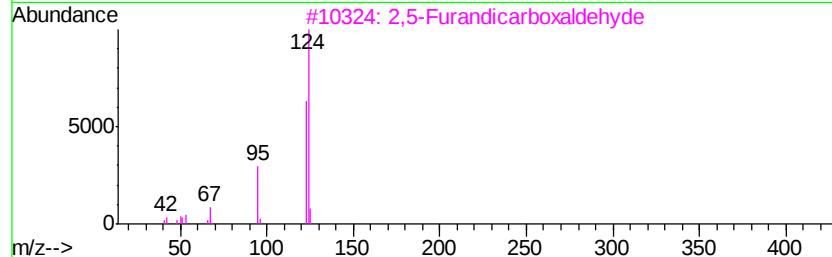
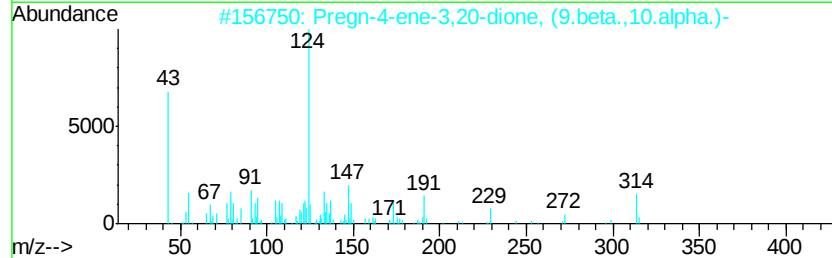
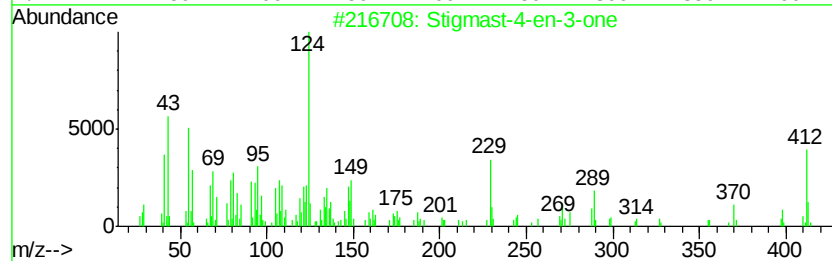
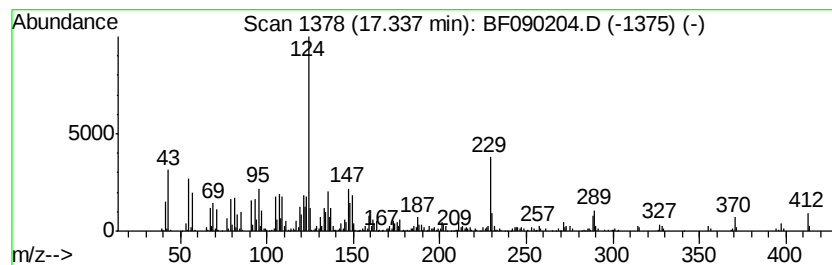
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Stigmast-4-en-3-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	28.91 ng	899571	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	99
2		Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	47
3		2,5-Furandicarboxaldehyde	124	C6H4O3	000823-82-5	43
4		Orcinol	124	C7H8O2	000504-15-4	38
5		2-Chloro-4-fluorobenzylamide	159	C7H7ClFN	1000343-00-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092316\
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Acq On : 23 Sep 2016 18:16
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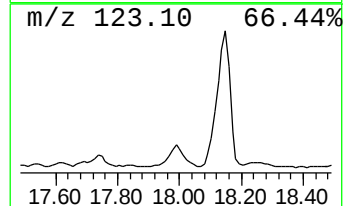
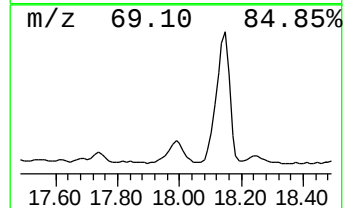
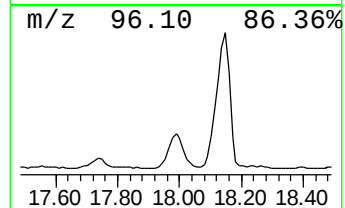
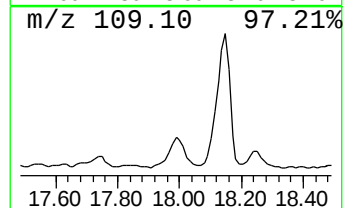
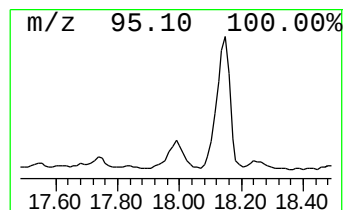
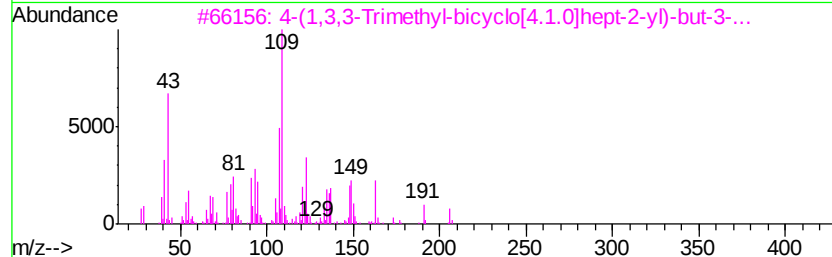
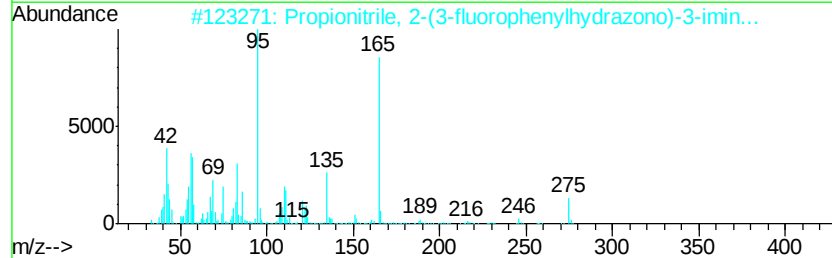
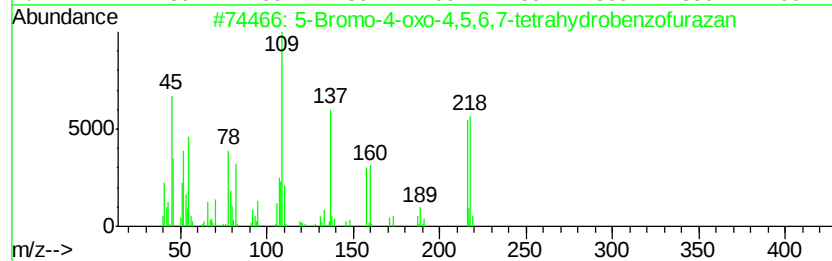
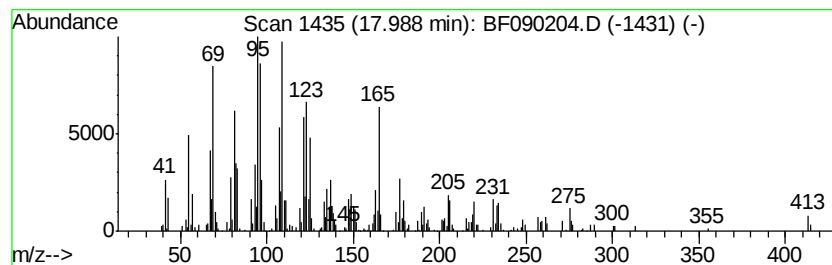
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	26.52 ng	825209	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	64
2		Propionitrile, 2-(3-fluorophenyl...	275	C13H14FN5O	341500-82-1	53
3		4-(1,3,3-Trimethyl-bicyclo[4.1.0]...	206	C14H22O	077143-31-8	46
4		1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	46
5		Longifolenaldehyde	220	C15H24O	019890-84-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092316\
Data File : BF090204.D
Acq On : 23 Sep 2016 18:16
Operator : UM/SJ
Sample : H4867-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-07

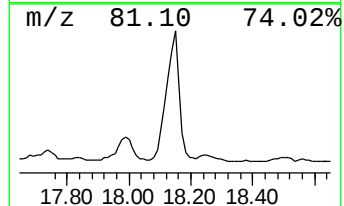
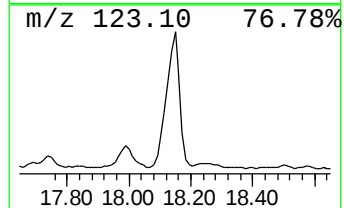
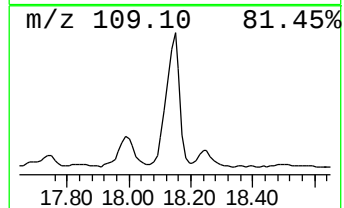
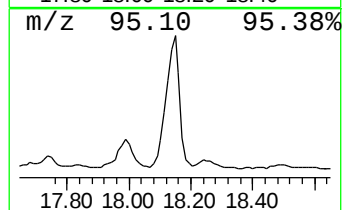
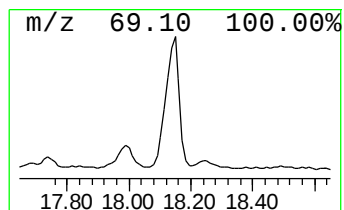
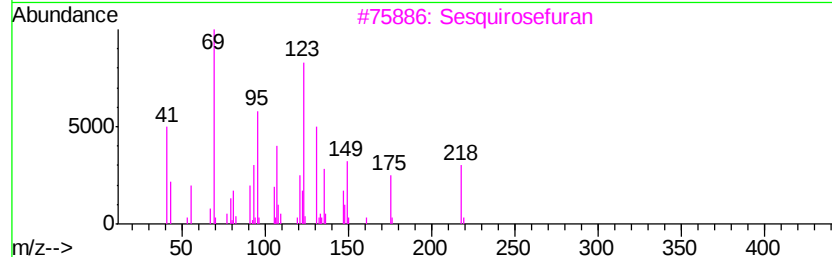
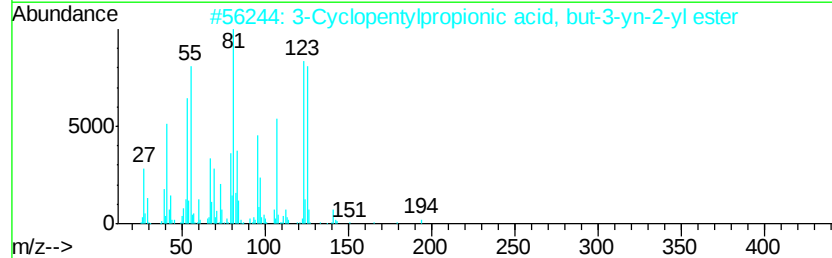
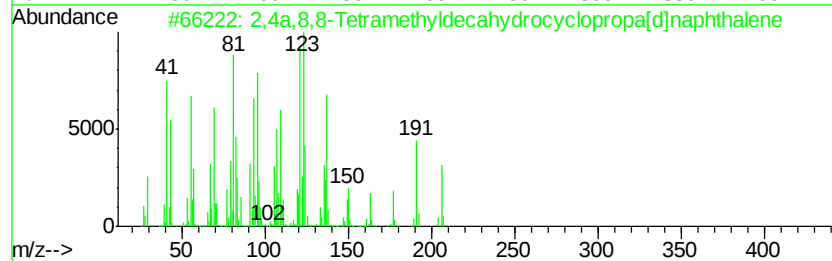
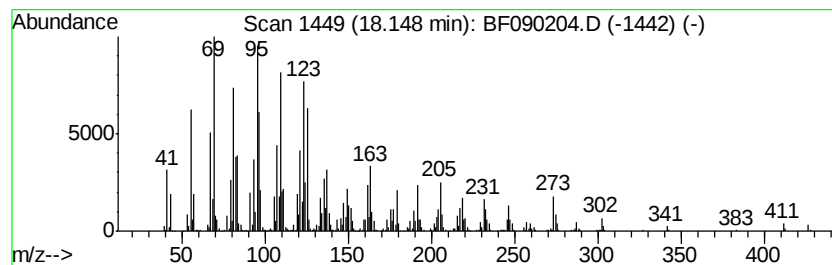
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2,4a,8,8-Tetramethyldecahyd... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	125.91 ng	3917710	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	81
2		3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	60
3		Sesquirosefuran	218	C15H22O	039007-93-7	60
4		5-Cyclohexyl-1-pentene	152	C11H20	005729-54-4	56
5		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092316\
 Data File : BF090204.D
 Acq On : 23 Sep 2016 18:16
 Operator : UM/SJ
 Sample : H4867-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-07

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.26	6.26	79.6	ng	2878540	1	6.49	723488	20.0
10,18-Bisnorabiet...	12.25	69.0	ng	2726660	4	10.98	789806	20.0
Acridin-9-amine, ...	12.96	48.7	ng	2514610	5	13.60	1031820	20.0
2-Propen-1-one, 1...	13.31	30.4	ng	1571180	5	13.60	1031820	20.0
1-Heptacosanol	14.11	22.0	ng	1136290	5	13.60	1031820	20.0
n-Tetracosanol-1	14.71	28.3	ng	878888	6	14.93	622303	20.0
unknown15.38	15.38	24.9	ng	775968	6	14.93	622303	20.0
Cholestan-3-ol, (...)	15.50	34.8	ng	1081730	6	14.93	622303	20.0
Cholestan-3-one, ...	15.66	22.3	ng	695044	6	14.93	622303	20.0
unknown16.35	16.35	23.0	ng	716720	6	14.93	622303	20.0
.gamma.-Sitosterol	16.55	102.8	ng	3199110	6	14.93	622303	20.0
1,1,4a-Trimethyl-...	16.79	24.1	ng	749241	6	14.93	622303	20.0
.beta.-Amyrin	16.89	27.7	ng	862978	6	14.93	622303	20.0
4,4,6a,6b,8a,11,1...	16.98	22.3	ng	693976	6	14.93	622303	20.0
2-Isopropenyl-4a,...	17.15	41.4	ng	1288810	6	14.93	622303	20.0
Stigmast-4-en-3-one	17.34	28.9	ng	899571	6	14.93	622303	20.0
5-Bromo-4-oxo-4,5...	17.99	26.5	ng	825209	6	14.93	622303	20.0
2,4a,8,8-Tetramet...	18.15	125.9	ng	3917710	6	14.93	622303	20.0