

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083618.D
 Acq On : 9 Dec 2015 2:50
 Operator : UM/IZ
 Sample : G4650-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-11(0-2)

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-BF120815.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	3.538	160	162	177	rBV	537237	1037157	23.91%	1.918%
2	3.984	199	201	218	rBV	2601493	4062535	93.64%	7.512%
3	4.201	218	220	225	rVB	39598	65420	1.51%	0.121%
4	4.716	262	265	268	rBV	255615	296297	6.83%	0.548%
5	5.276	311	314	322	rBV	2716825	4338318	100.00%	8.021%
6	5.401	322	325	332	rVB	2613010	4230855	97.52%	7.823%
7	5.699	348	351	358	rVV	686439	985401	22.71%	1.822%
8	5.813	358	361	363	rVV	33583	50786	1.17%	0.094%
9	5.870	363	366	367	rVV2	44052	71998	1.66%	0.133%
10	5.916	367	370	382	rVB	1916848	2899173	66.83%	5.361%
11	6.316	403	405	419	rVB	194080	322789	7.44%	0.597%
12	6.522	420	423	437	rBV	1796634	2975192	68.58%	5.501%
13	7.185	479	481	482	rBV	38189	56890	1.31%	0.105%
14	7.596	514	517	524	rBV	980327	1293891	29.82%	2.392%
15	7.710	524	527	532	rVB2	37923	68318	1.57%	0.126%
16	7.836	535	538	544	rBV	79707	162433	3.74%	0.300%
17	9.150	649	653	658	rBV2	43135	109691	2.53%	0.203%
18	9.333	666	669	673	rBV	2135598	3182650	73.36%	5.885%
19	9.436	676	678	680	rVB	46385	55806	1.29%	0.103%
20	9.550	686	688	691	rVB	34517	46826	1.08%	0.087%
21	9.790	706	709	711	rBV	59849	89653	2.07%	0.166%
22	9.848	711	714	717	rVB	40463	76335	1.76%	0.141%
23	10.042	727	731	739	rVV2	1240963	2496893	57.55%	4.617%
24	10.156	739	741	743	rVV	35858	61434	1.42%	0.114%
25	10.202	743	745	750	rVB2	59029	97528	2.25%	0.180%
26	10.385	758	761	765	rBV2	915838	1436515	33.11%	2.656%
27	10.488	768	770	772	rVB	47770	72731	1.68%	0.134%
28	10.648	779	784	786	rVB3	34169	81795	1.89%	0.151%
29	10.785	792	796	798	rBV	20565	46987	1.08%	0.087%
30	10.933	806	809	812	rVB	30606	47694	1.10%	0.088%
31	11.173	824	830	832	rBV5	17719	56703	1.31%	0.105%
32	11.231	832	835	837	rBV	136455	212411	4.90%	0.393%
33	11.471	854	856	859	rVB2	37985	58334	1.34%	0.108%
34	11.585	861	866	871	rBV2	55645	161229	3.72%	0.298%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.676	871	874	880	rVV	1407124	2175961	50.16%	4.023%
36	11.768	880	882	887	rVB3	55782	98653	2.27%	0.182%
37	11.996	899	902	905	rBV2	167304	283614	6.54%	0.524%
38	12.065	905	908	910	rVV3	49979	89215	2.06%	0.165%
39	12.339	931	932	936	rVB3	30539	59008	1.36%	0.109%
40	12.419	936	939	941	rBV	31539	61255	1.41%	0.113%
41	12.465	941	943	946	rVB2	31872	45197	1.04%	0.084%
42	12.728	963	966	968	rBV2	79116	99879	2.30%	0.185%
43	12.774	968	970	974	rVV	722473	1065749	24.57%	1.971%
44	12.888	977	980	982	rBV	64631	92291	2.13%	0.171%
45	12.945	982	985	987	rVV3	32718	64578	1.49%	0.119%
46	13.025	990	992	995	rVB3	28112	45123	1.04%	0.083%
47	13.185	1002	1006	1009	rVB4	21329	53793	1.24%	0.099%
48	13.414	1025	1026	1031	rVB3	57443	77816	1.79%	0.144%
49	13.494	1031	1033	1035	rBV	64204	87046	2.01%	0.161%
50	13.711	1049	1052	1054	rVV	51910	102365	2.36%	0.189%
51	13.757	1054	1056	1060	rVV3	68632	155487	3.58%	0.287%
52	13.837	1060	1063	1069	rVV	273432	536236	12.36%	0.991%
53	13.928	1069	1071	1076	rVV6	36552	83024	1.91%	0.154%
54	14.099	1083	1086	1091	rVV4	32223	75196	1.73%	0.139%
55	14.202	1091	1095	1096	rVV	31607	59352	1.37%	0.110%
56	14.340	1104	1107	1111	rBV	73398	135382	3.12%	0.250%
57	14.545	1123	1125	1128	rVV2	66124	136405	3.14%	0.252%
58	14.751	1140	1143	1145	rBV	48411	74144	1.71%	0.137%
59	14.854	1149	1152	1154	rVB	276258	365251	8.42%	0.675%
60	14.968	1157	1162	1168	rBV	117035	347265	8.00%	0.642%
61	15.105	1172	1174	1178	rBV	192596	300799	6.93%	0.556%
62	15.402	1197	1200	1203	rBV	1240075	1647844	37.98%	3.047%
63	15.643	1219	1221	1223	rBV	69908	98175	2.26%	0.182%
64	15.688	1223	1225	1228	rVB3	53498	93390	2.15%	0.173%
65	15.860	1237	1240	1244	rBV4	66533	155560	3.59%	0.288%
66	16.100	1259	1261	1265	rVB2	132560	239432	5.52%	0.443%
67	16.168	1265	1267	1268	rBV	37357	51196	1.18%	0.095%
68	16.237	1269	1273	1275	rVV3	119675	239928	5.53%	0.444%
69	16.271	1275	1276	1282	rVB2	56859	132274	3.05%	0.245%
70	16.374	1282	1285	1287	rBV3	23196	56995	1.31%	0.105%
71	16.431	1287	1290	1293	rBV3	33272	76632	1.77%	0.142%

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 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

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72	16.488	1293	1295	1299	rVB2	38908	56081	1.29%	0.104%
73	16.568	1299	1302	1304	rBV4	30807	79528	1.83%	0.147%
74	16.614	1304	1306	1309	rVV3	64597	103970	2.40%	0.192%
75	16.774	1316	1320	1323	rBV	388761	656047	15.12%	1.213%
76	16.911	1330	1332	1336	rBV2	244283	474567	10.94%	0.877%
77	16.991	1336	1339	1346	rVV	603979	986233	22.73%	1.824%
78	17.403	1373	1375	1378	rVB	65540	105950	2.44%	0.196%
79	17.734	1401	1404	1408	rBV	497702	626902	14.45%	1.159%
80	17.883	1414	1417	1420	rBV	397528	660697	15.23%	1.222%
81	18.146	1438	1440	1442	rVB	70572	98480	2.27%	0.182%
82	18.226	1444	1447	1448	rBV2	70846	120647	2.78%	0.223%
83	18.260	1448	1450	1455	rVB	60198	135701	3.13%	0.251%
84	18.420	1460	1464	1470	rBV	512849	869913	20.05%	1.608%
85	18.591	1477	1479	1481	rBV2	138167	195317	4.50%	0.361%
86	18.626	1481	1482	1488	rVB	501803	730682	16.84%	1.351%
87	18.900	1503	1506	1510	rVB	492288	712899	16.43%	1.318%
88	19.071	1519	1521	1522	rBV	78244	88118	2.03%	0.163%
89	19.106	1522	1524	1528	rVV2	150791	269669	6.22%	0.499%
90	19.357	1543	1546	1548	rBV3	71075	128325	2.96%	0.237%
91	19.757	1579	1581	1584	rBV2	81861	144294	3.33%	0.267%
92	20.272	1622	1626	1631	rBV3	329736	1029001	23.72%	1.903%
93	20.489	1642	1645	1648	rBV4	117497	282089	6.50%	0.522%
94	20.580	1651	1653	1657	rVB2	112276	231398	5.33%	0.428%
95	20.672	1658	1661	1664	rBV3	118263	292705	6.75%	0.541%
96	20.854	1674	1677	1678	rBV	152900	290699	6.70%	0.537%
97	21.060	1691	1695	1703	rVB2	270426	761237	17.55%	1.408%
98	21.392	1720	1724	1736	rVB	209062	709079	16.34%	1.311%
99	21.632	1741	1745	1747	rBV	104526	283972	6.55%	0.525%
100	21.826	1757	1762	1769	rVB	702379	2089544	48.16%	3.864%

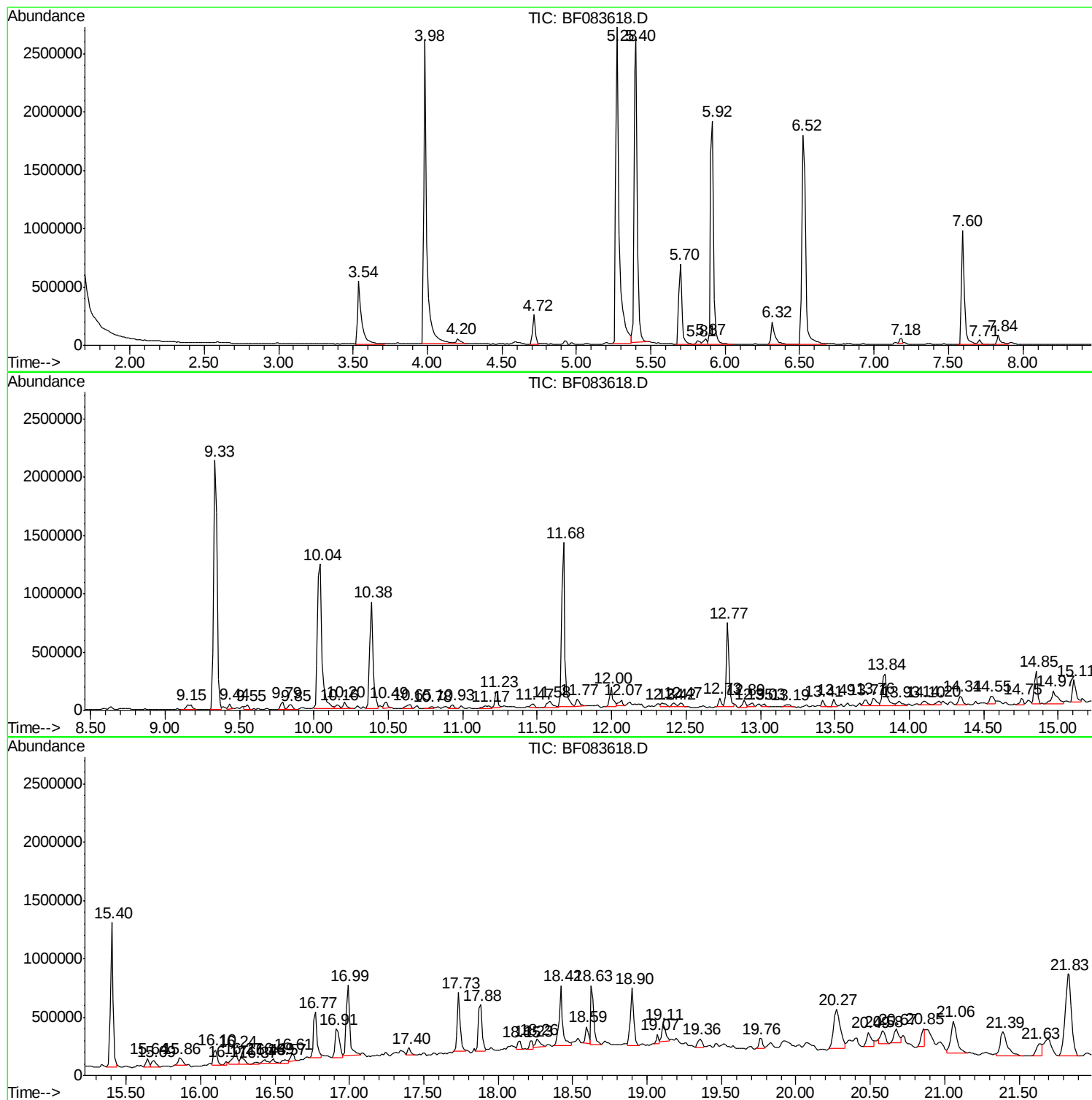
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Misc :
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Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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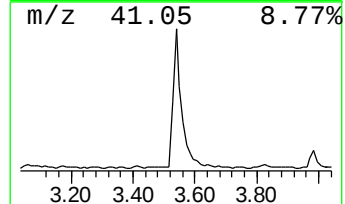
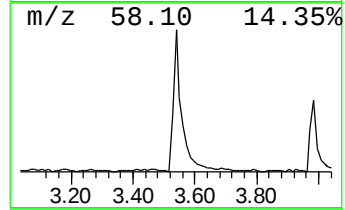
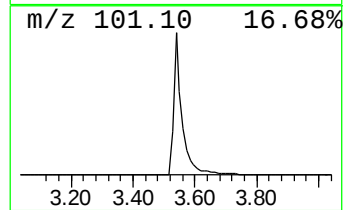
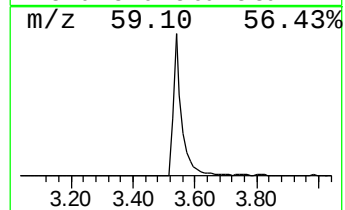
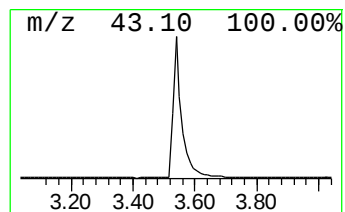
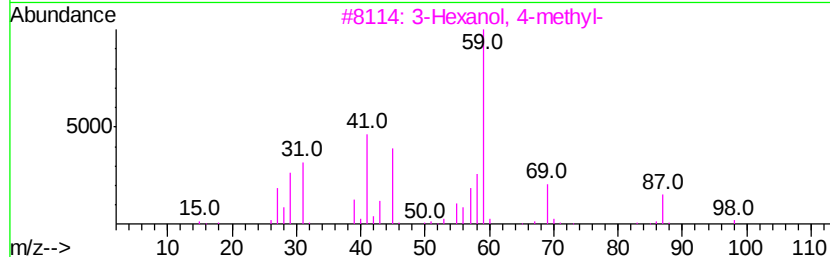
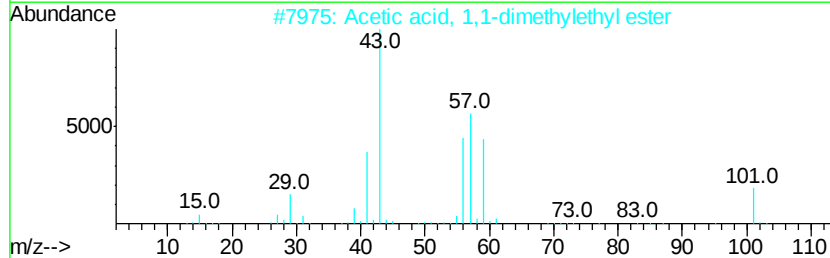
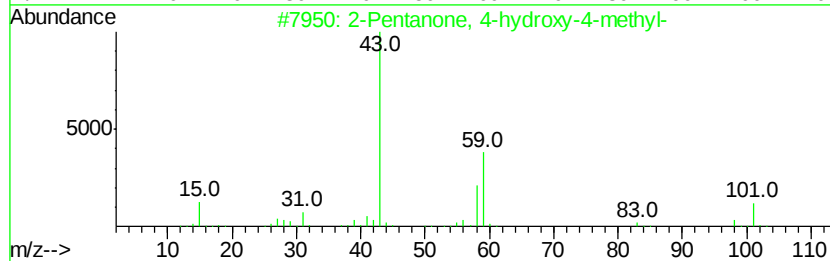
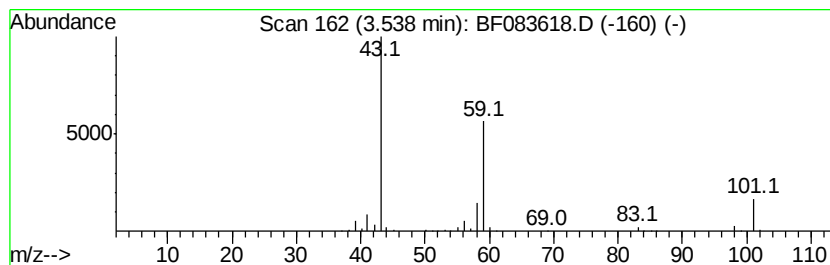
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.54	21.05 ng	1037160	1,4-Dichlorobenzene-d4	5.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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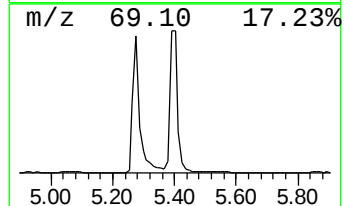
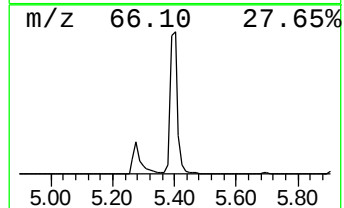
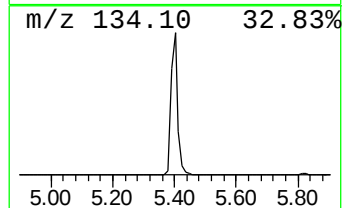
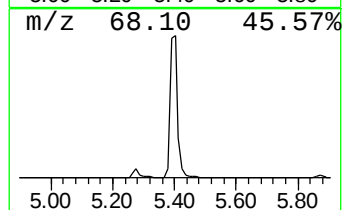
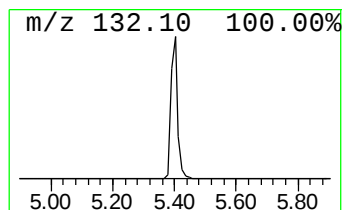
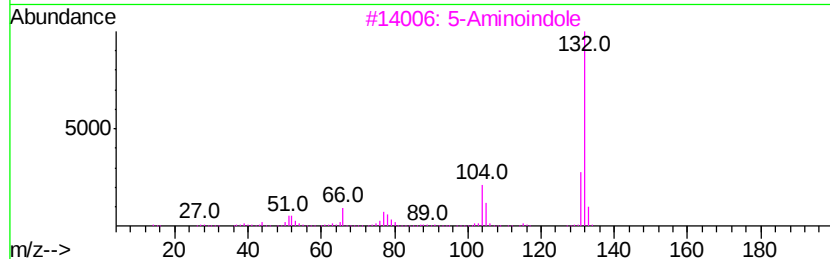
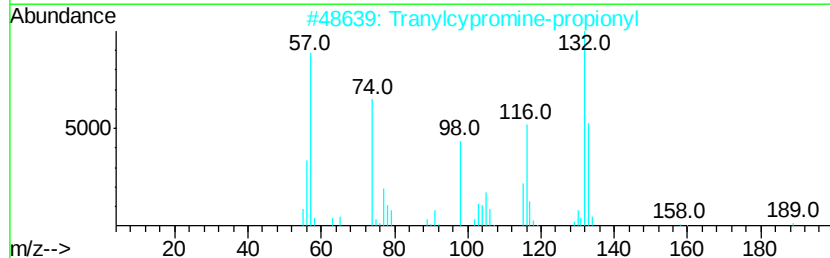
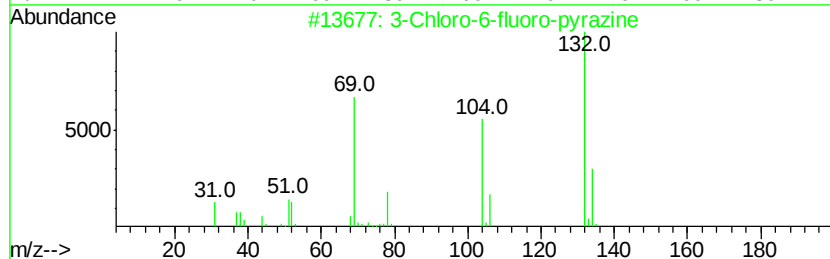
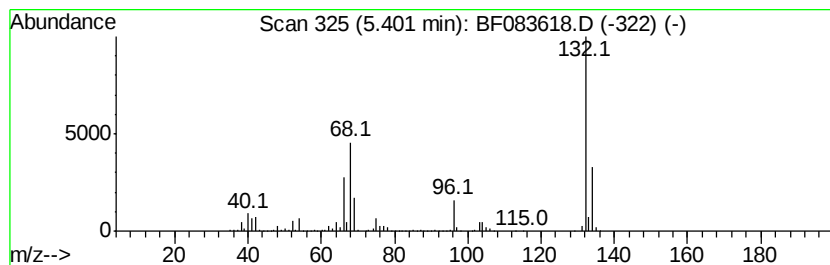
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown5.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	85.87 ng	4230860	1,4-Dichlorobenzene-d4	5.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		5-Aminoindole	132	C8H8N2	005192-03-0	9
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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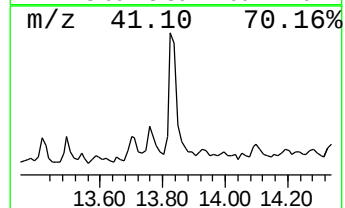
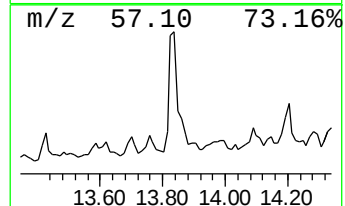
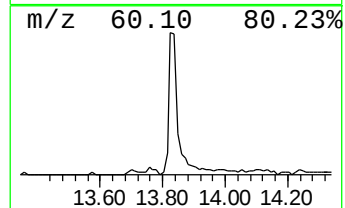
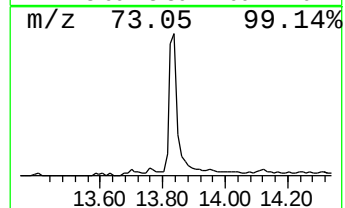
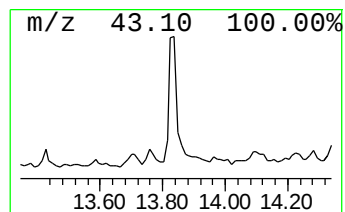
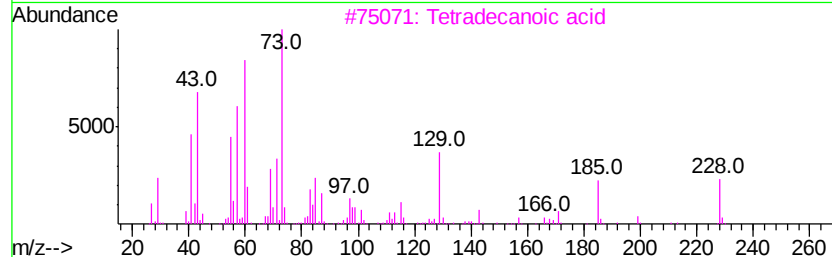
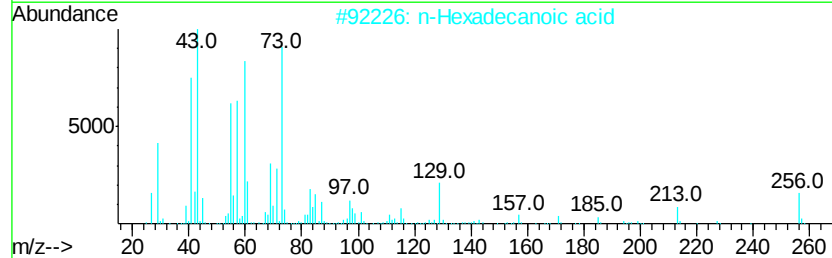
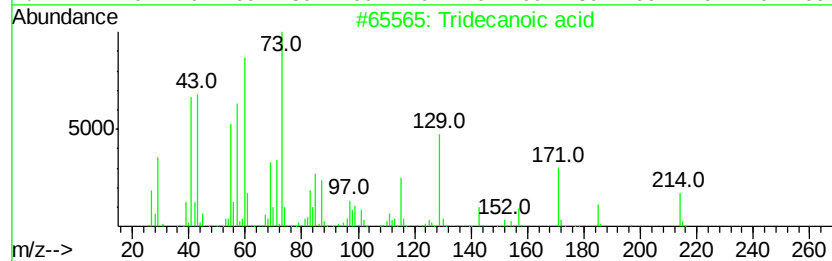
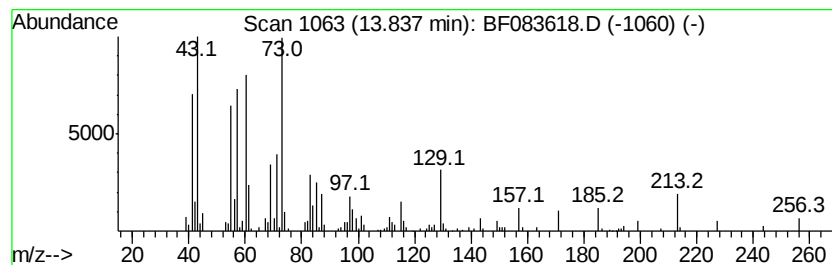
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	10.06 ng	536236	Phenanthrene-d10	12.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		Nonanoic acid	158	C9H18O2	000112-05-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

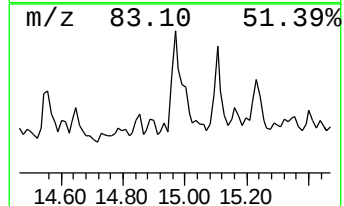
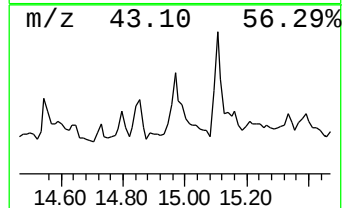
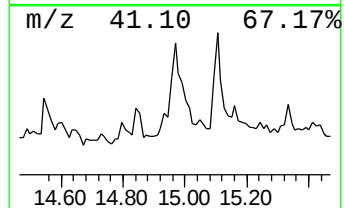
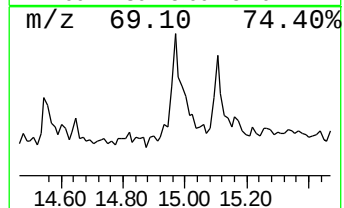
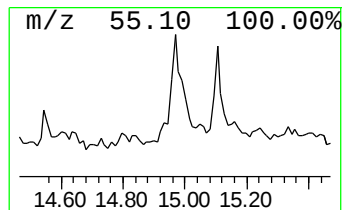
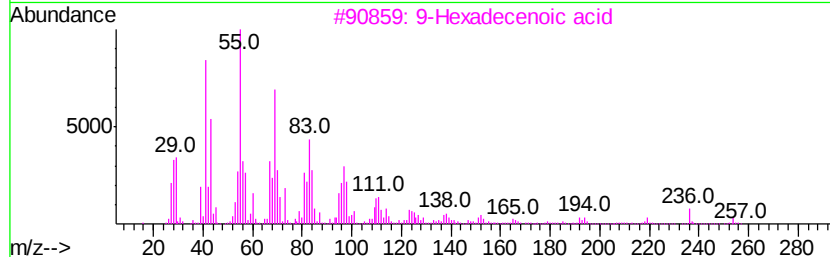
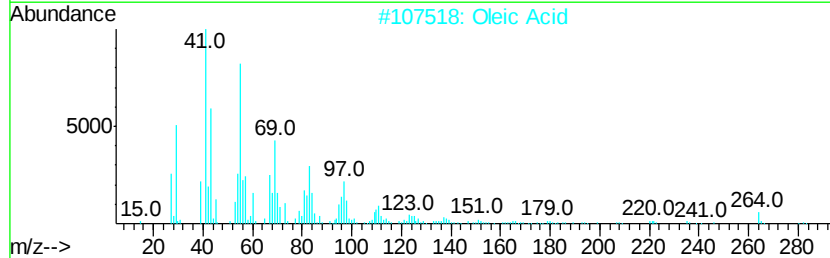
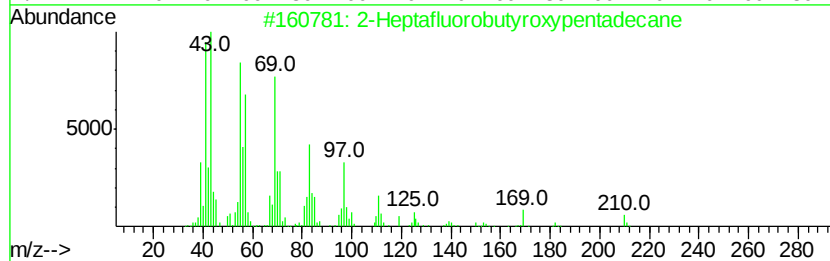
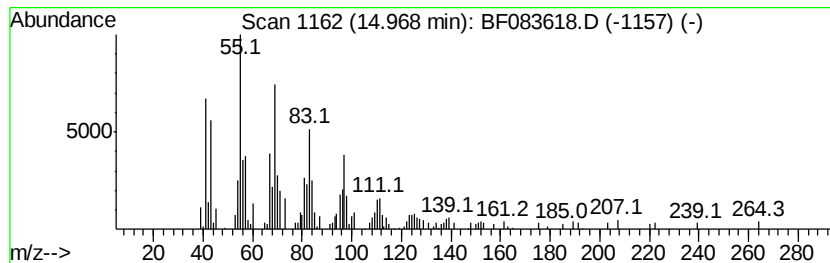
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Heptafluorobutyroxypentadecad... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	7.04 ng	347265	Chrysene-d12	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Heptafluorobutyroxypentadecane	424	C19H31F7O2	1000245-50-0	58
2		Oleic Acid	282	C18H34O2	000112-80-1	52
3		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	50
4		14-Pentadecenoic acid	240	C15H28O2	017351-34-7	46
5		E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

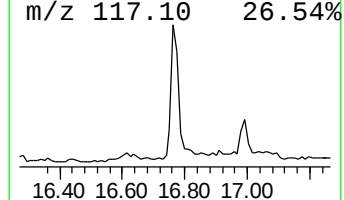
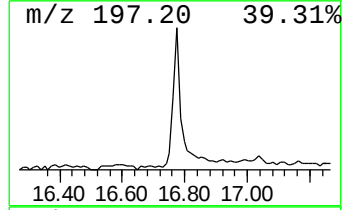
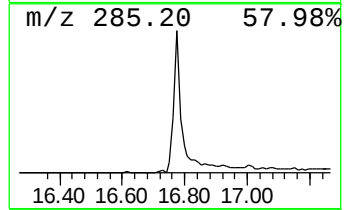
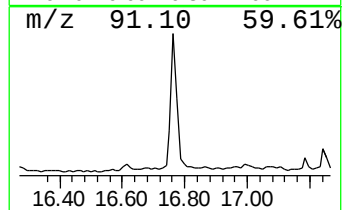
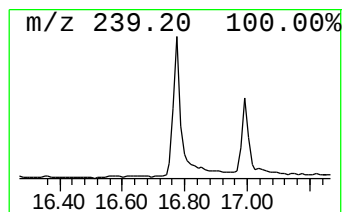
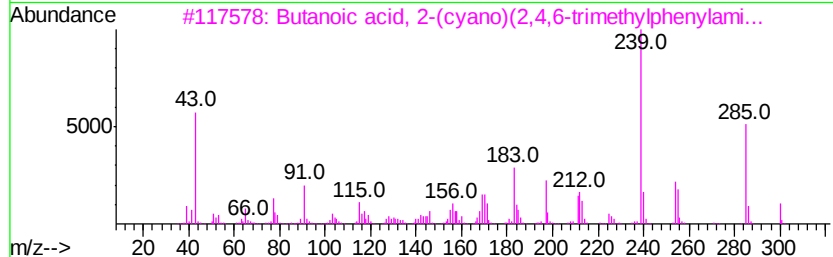
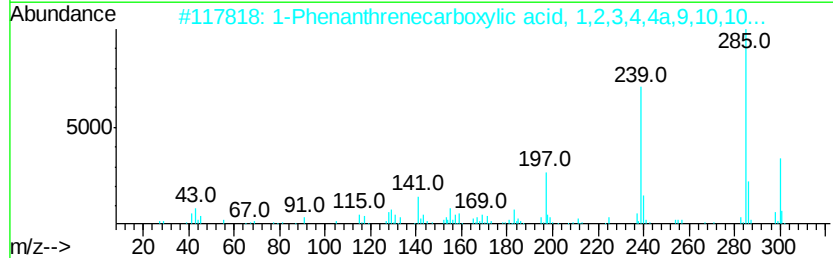
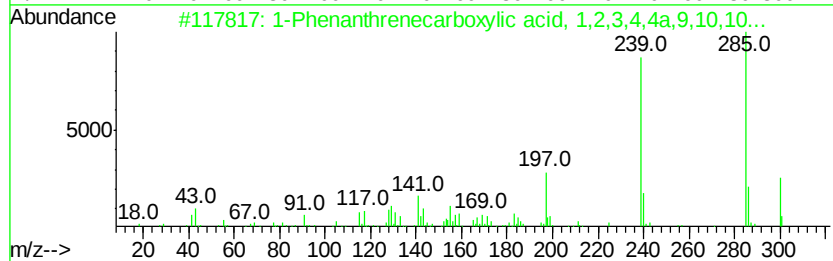
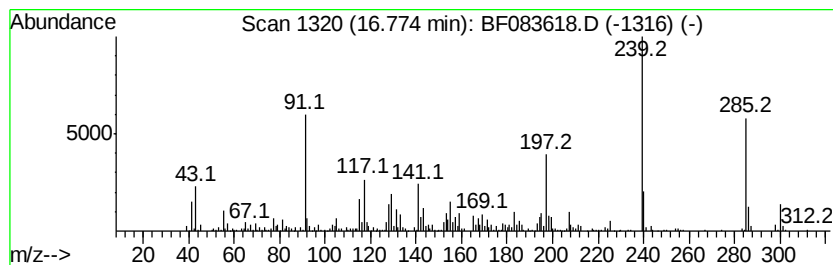
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Phenanthrenecarboxylic ac... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.77	13.30 ng	656047	Chrysene-d12	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	99	
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	98	
3	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	58	
4	Kaura-9(11),16-dien-18-oic acid, ...	300	C20H28O2	022338-67-6	47	
5	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3N03	000391-02-6	46	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

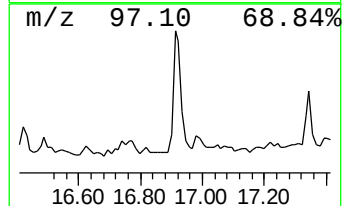
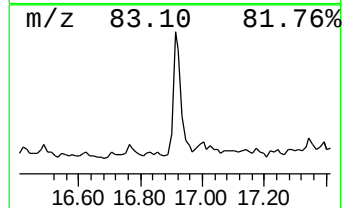
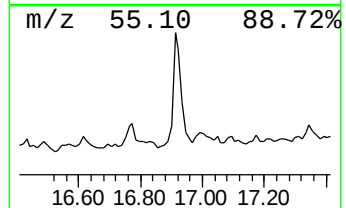
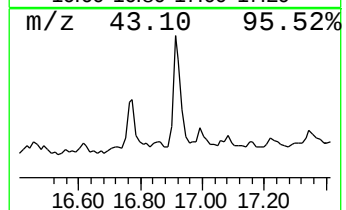
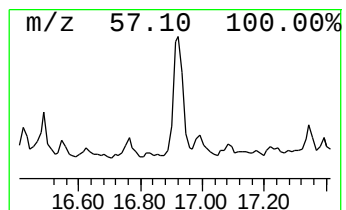
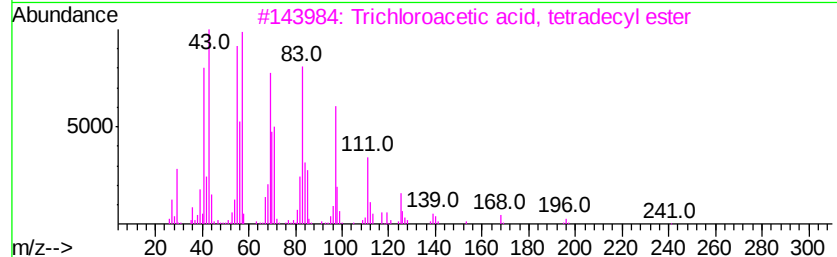
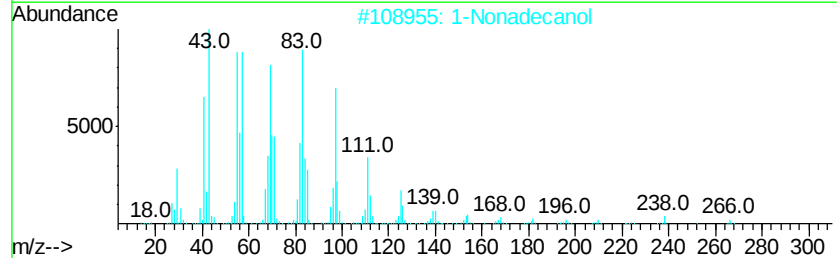
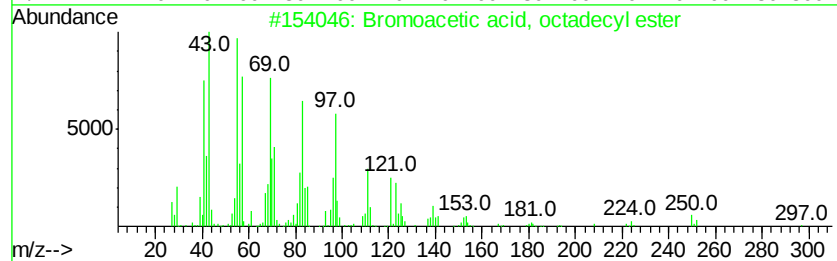
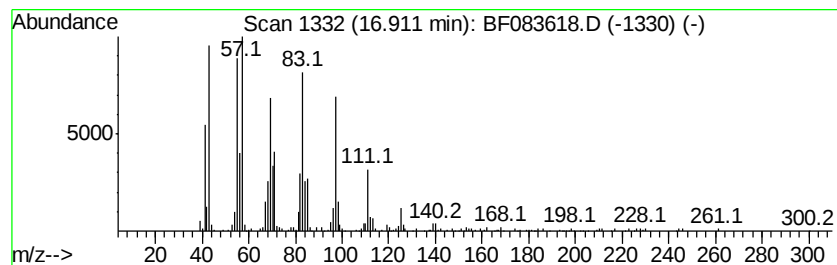
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Bromoacetic acid, octadecyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	9.62 ng	474567	Chrysene-d12	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2			1-Nonadecanol	284	C19H40O	001454-84-8	91
3			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4			1-Tetracosanol	354	C24H50O	000506-51-4	90
5			9-Eicosene, (E)-	280	C20H40	074685-29-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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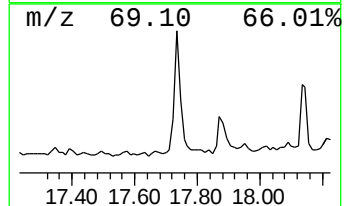
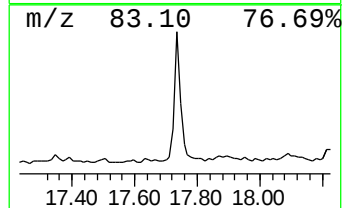
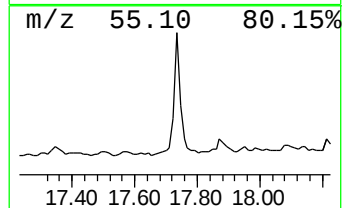
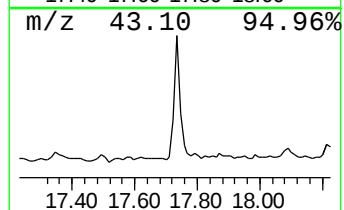
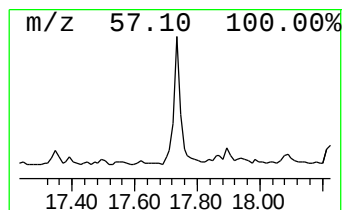
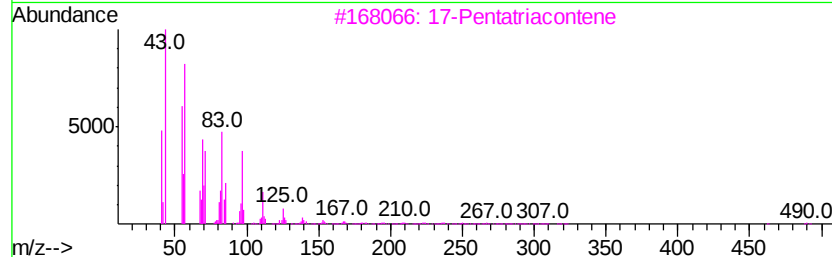
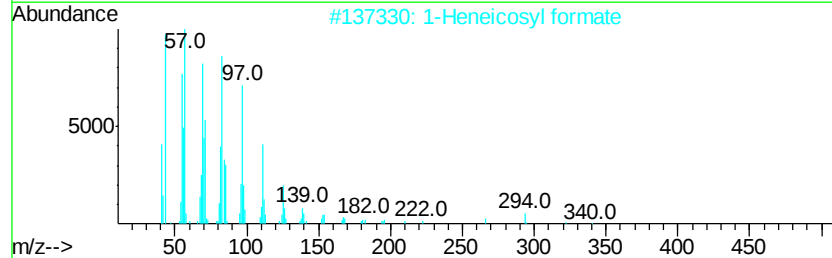
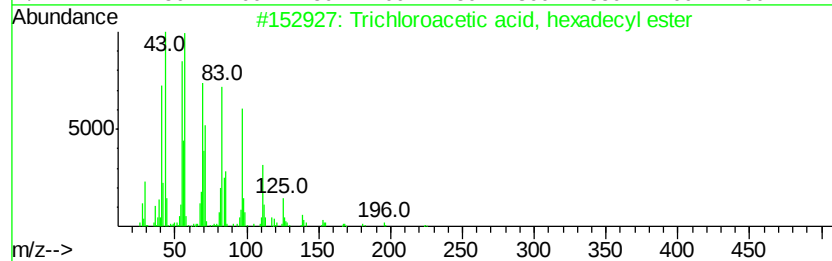
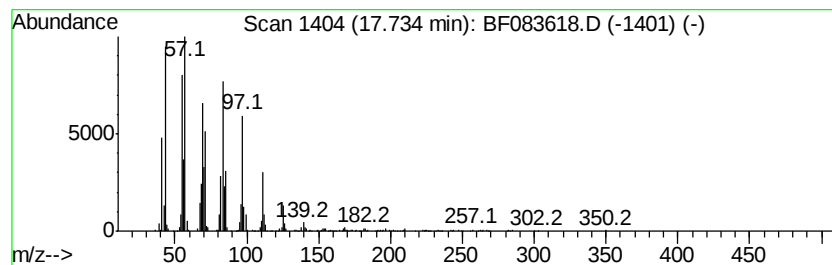
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Trichloroacetic acid, hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	12.71 ng	626902	Chrysene-d12	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Cyclotetracosane	336	C24H48	000297-03-0	91
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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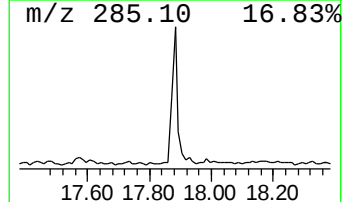
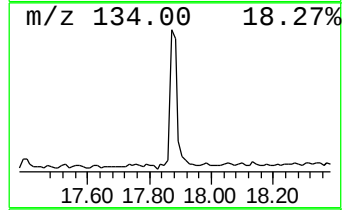
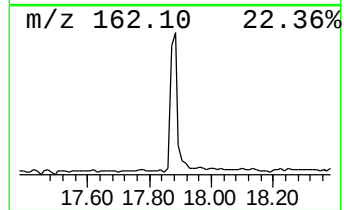
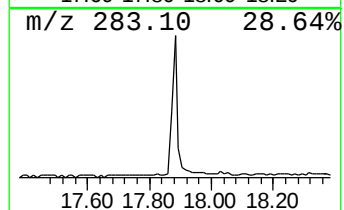
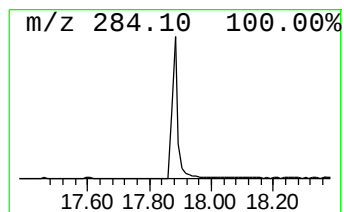
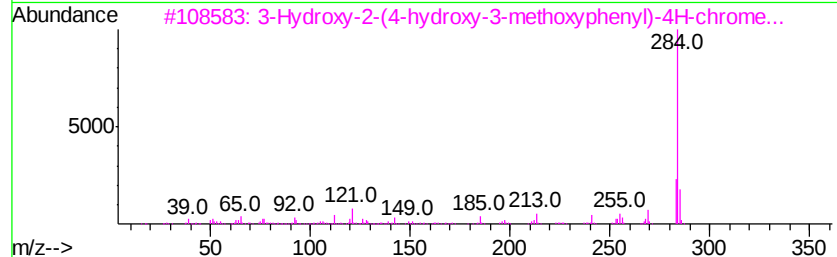
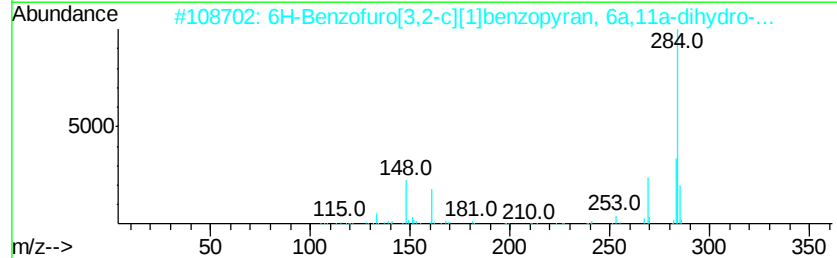
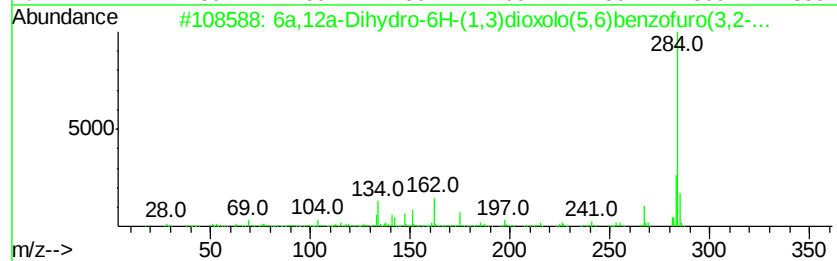
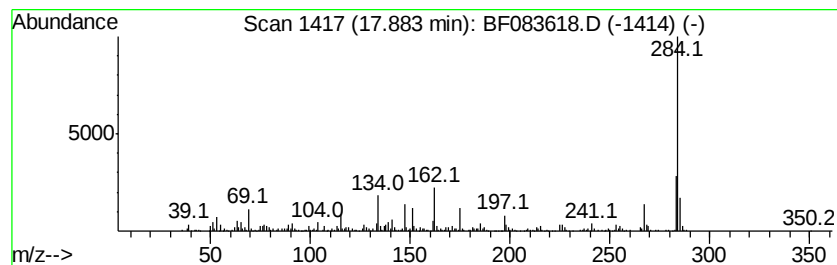
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 6a,12a-Dihydro-6H-(1,3)diox... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	18.08 ng	660697	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6a,12a-Dihydro-6H-(1,3)dioxolo(5...	284	C16H12O5	022091-18-5	95
2		6H-Benzofuro[3,2-c][1]benzopyran...	284	C17H16O4	000606-91-7	58
3		3-Hydroxy-2-(4-hydroxy-3-methoxy...	284	C16H12O5	159184-95-9	47
4		Dibenz[a,c]cycloheptane, 2,3,7-t...	284	C18H20O3	054705-02-1	43
5		Dinaphtho(1,2-b:2',1'-d)thiophene	284	C20H12S	000239-72-5	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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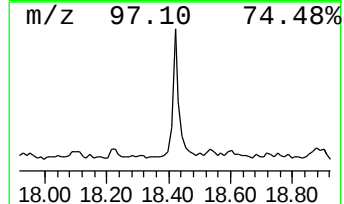
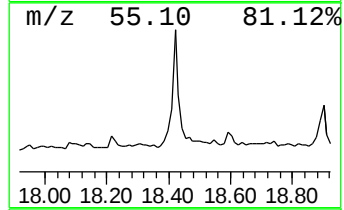
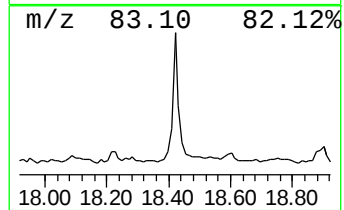
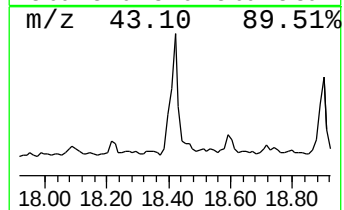
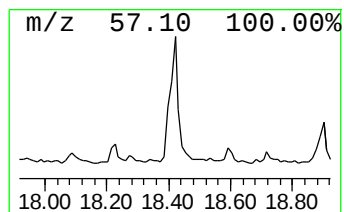
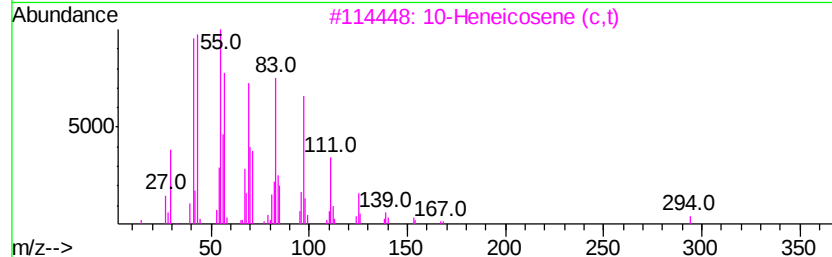
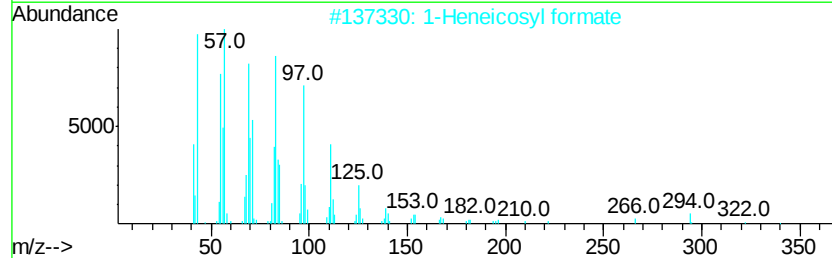
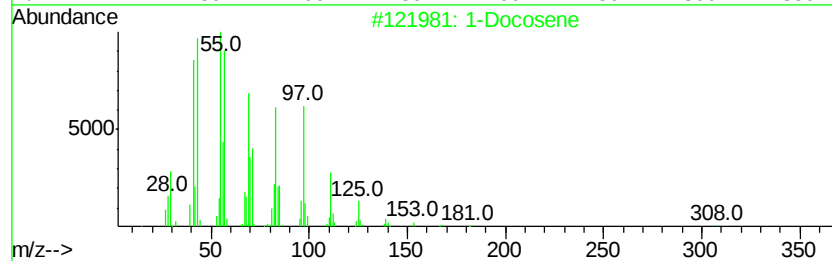
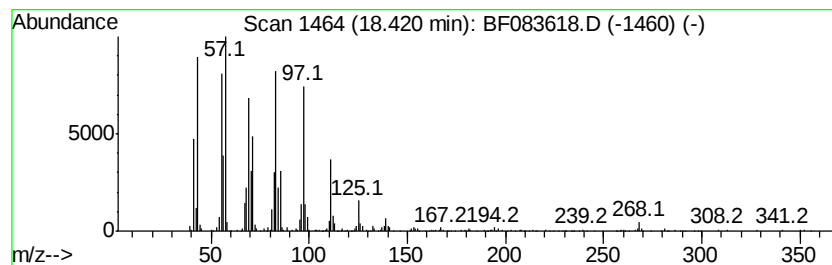
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	23.81 ng	869913	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	91
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
3		10-Heneicosene (c,t)	294	C21H42	095008-11-0	87
4		Cyclotetracosane	336	C24H48	000297-03-0	87
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

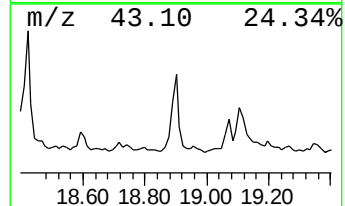
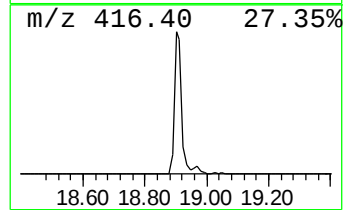
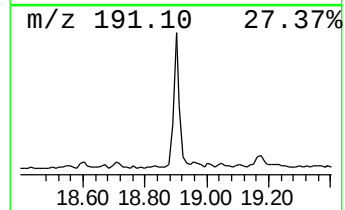
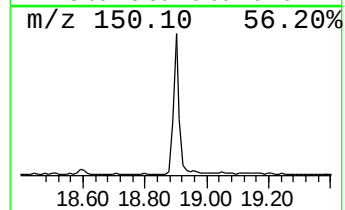
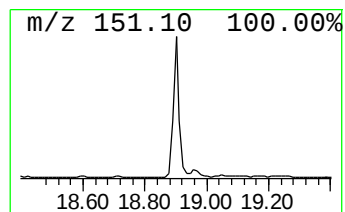
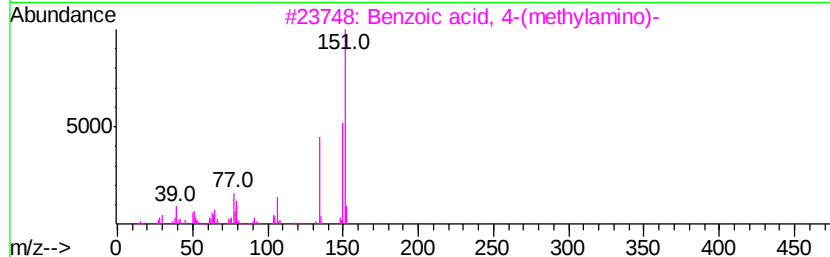
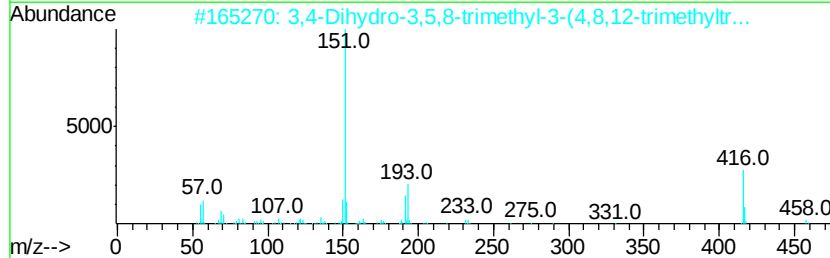
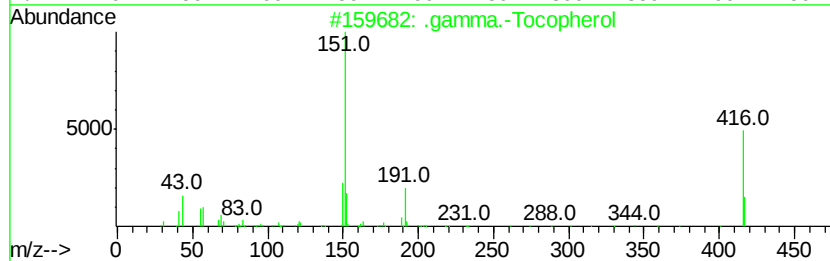
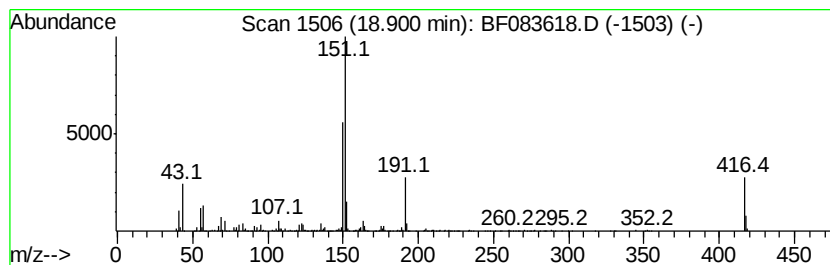
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ClientSampleId :
BRIDGE14-11(0-2)

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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 .gamma.-Tocopherol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.90	19.51 ng	712899	Perylene-d12	18.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	81
2	3,4-Dihydro-3,5,8-trimethyl-3-(4...	458	C30H50O3	1000105-71-9	72
3	Benzoic acid, 4-(methvlamino)-	151	C8H9NO2	010541-83-0	53
4	Benzenepropanenitrile, 3,4-dimet...	191	C11H13NO2	049621-56-9	49
5	4-Ethylbenzoic acid, heptadecyl ...	388	C26H44O2	1000292-20-4	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

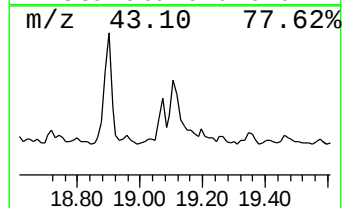
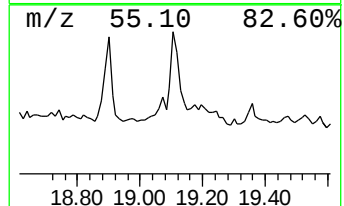
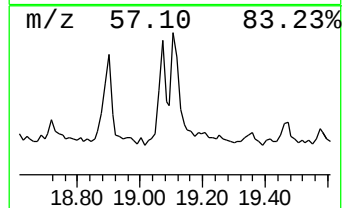
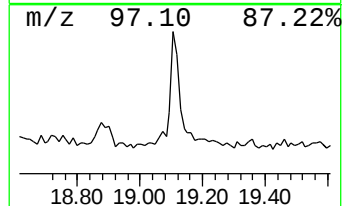
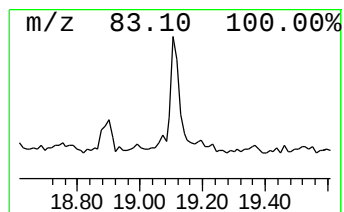
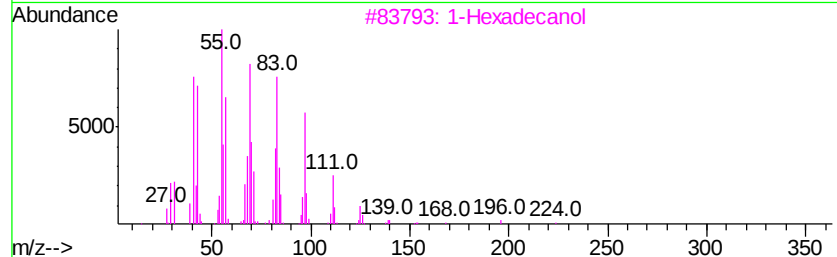
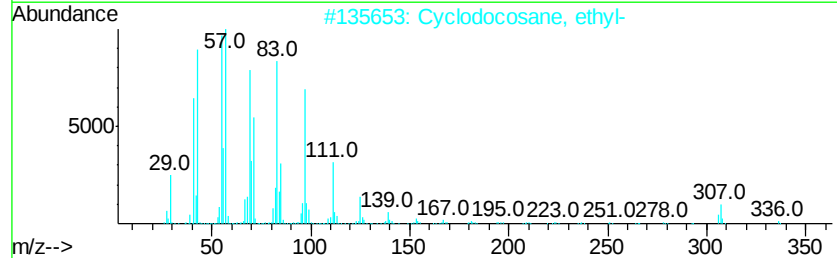
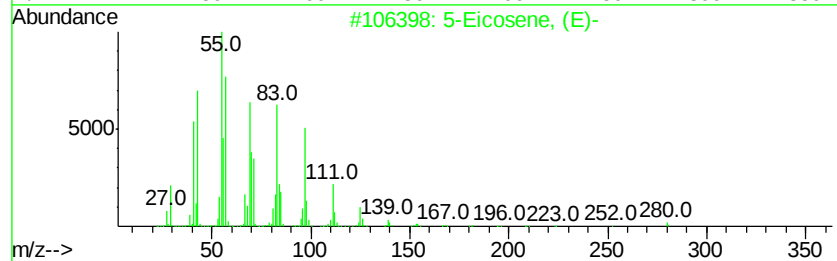
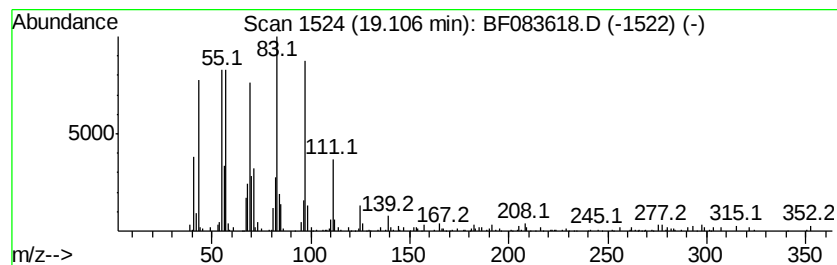
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 5-Eicosene, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	7.38 ng	269669	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
2		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	72
3		1-Hexadecanol	242	C16H34O	036653-82-4	58
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	55
5		1-Eicosanol	298	C20H42O	000629-96-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BRIDGE14-11(0-2)

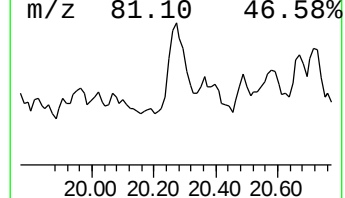
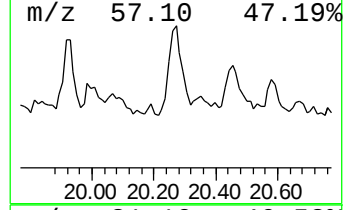
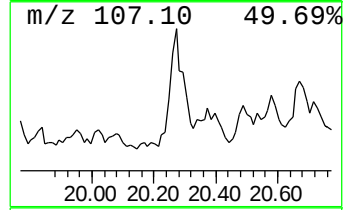
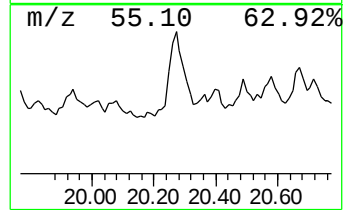
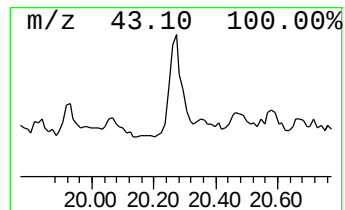
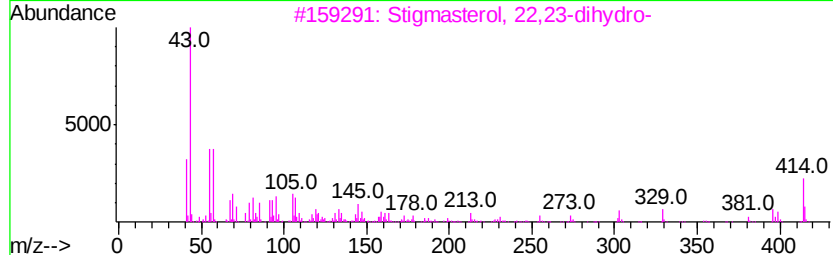
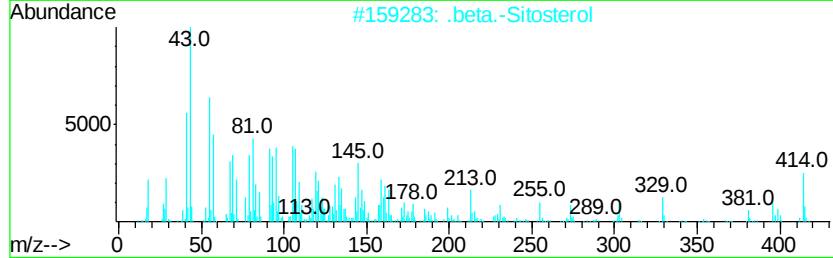
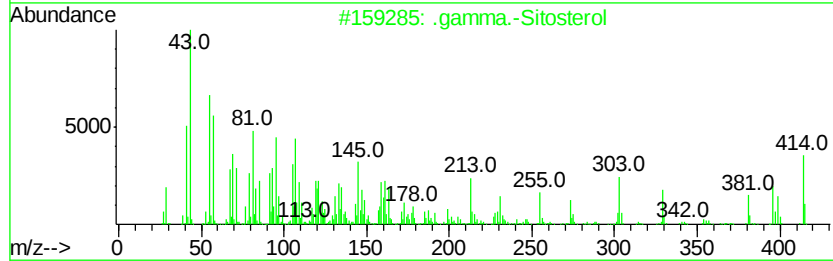
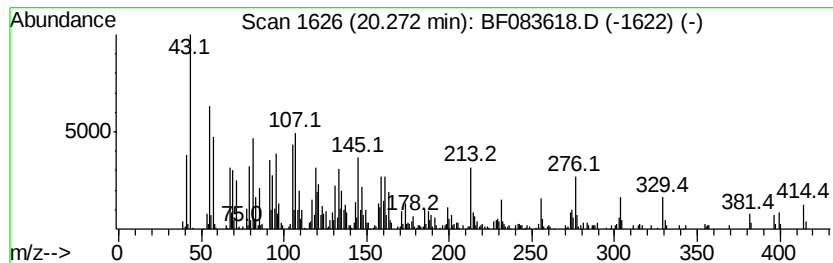
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	28.17 ng	1029000	Perylene-d12	18.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2			.beta.-Sitosterol	414	C29H50O	000083-46-5	97
3			Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	52
4			17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	38
5			Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BRIDGE14-11(0-2)

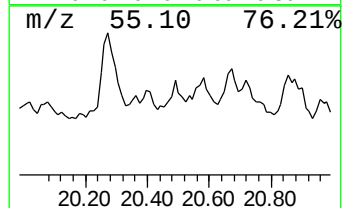
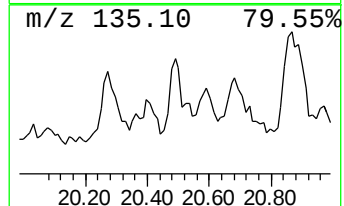
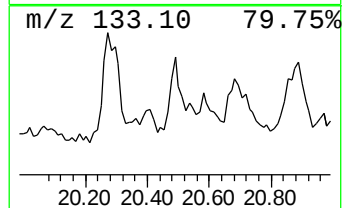
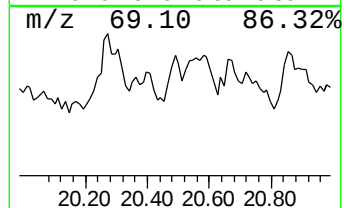
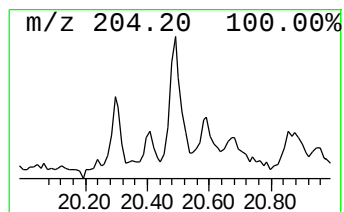
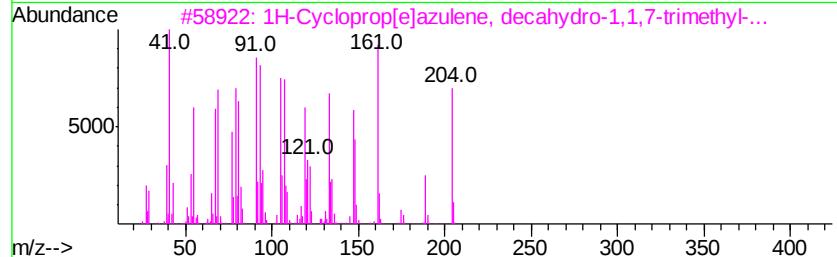
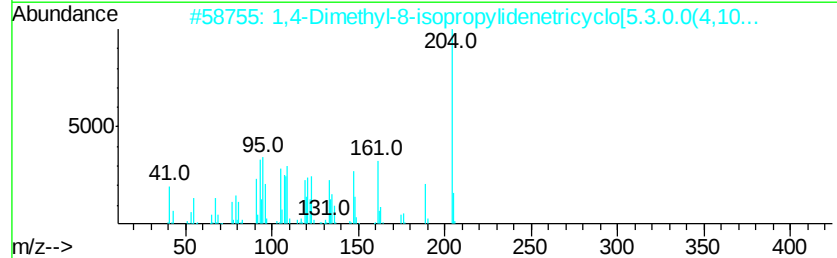
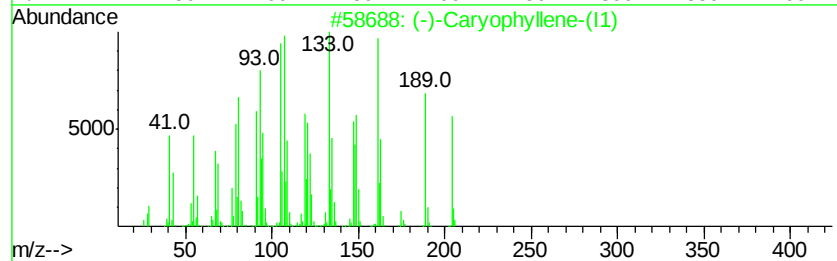
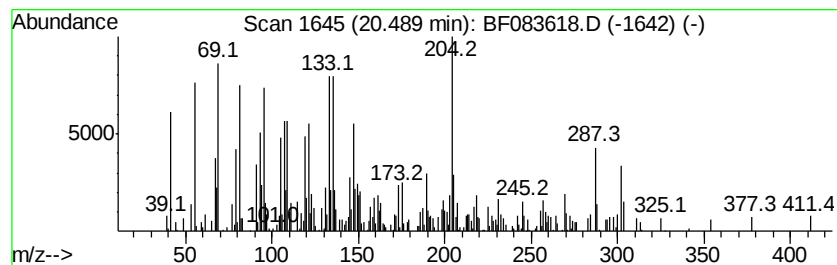
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 (-)-Caryophyllene-(I1) Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	7.72 ng	282089	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(-)-Carvophyllene-(I1)	204	C15H24	1000156-13-1	62
2		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	58
3		1H-Cyclopropylazulene, decahydr...	204	C15H24	000489-39-4	55
4		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	53
5		cis-(-)-2,4a,5,6,9a-Hexahydro-3,...	204	C15H24	1000104-20-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BRIDGE14-11(0-2)

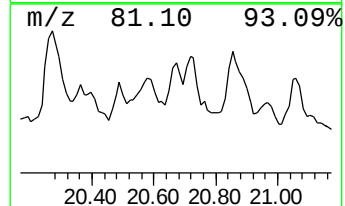
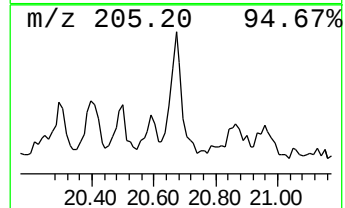
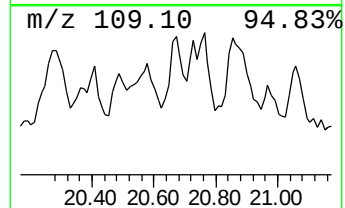
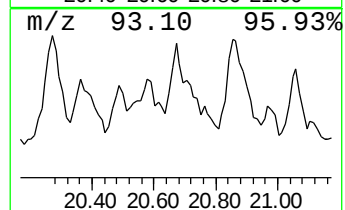
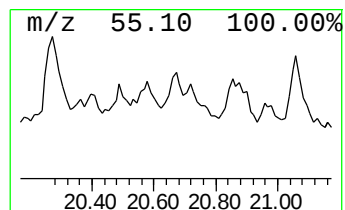
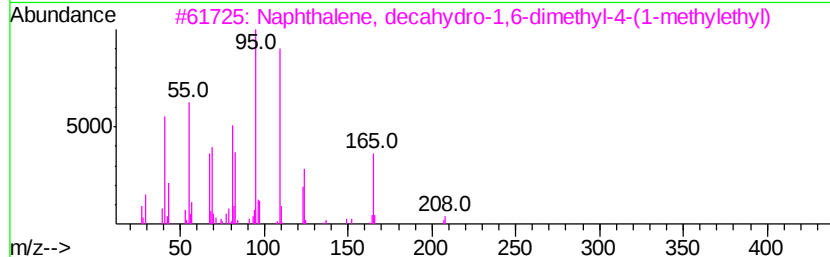
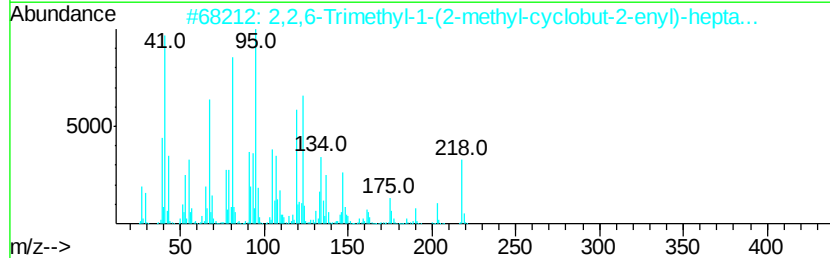
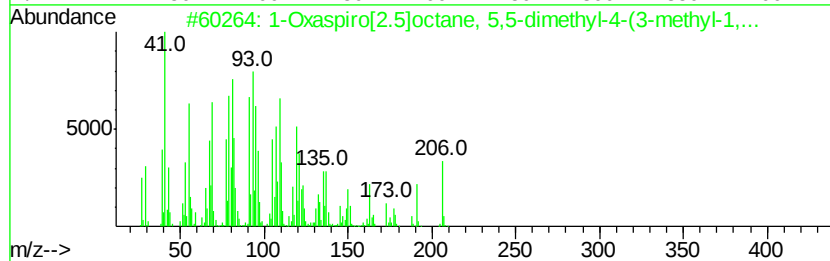
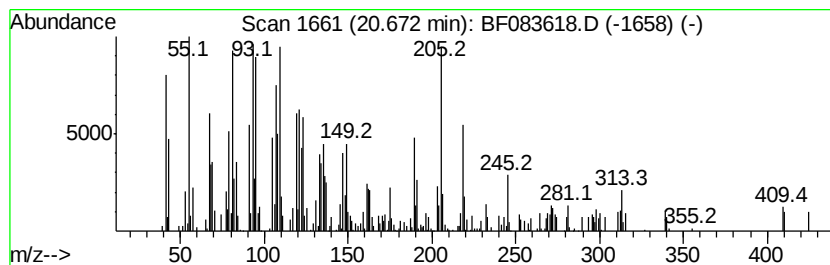
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Oxaspiro[2.5]octane, 5,5-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	8.01 ng	292705	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Oxaspiro[2.5]octane, 5,5-dimet...	206	C14H22O	1000195-92-1	78
2		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	48
3		Naphthalene, decahydro-1,6-dimet...	208	C15H28	034315-85-0	38
4		4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	35
5		6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BRIDGE14-11(0-2)

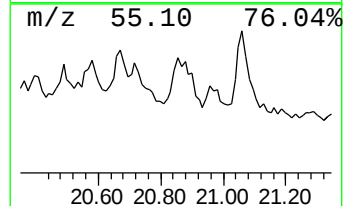
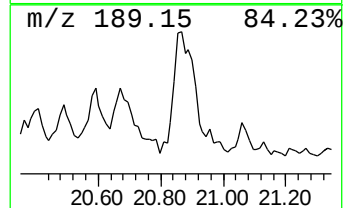
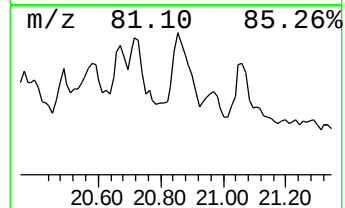
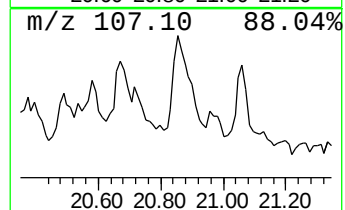
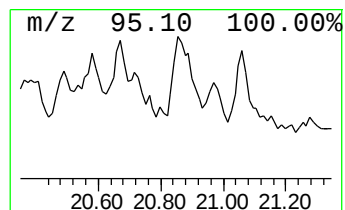
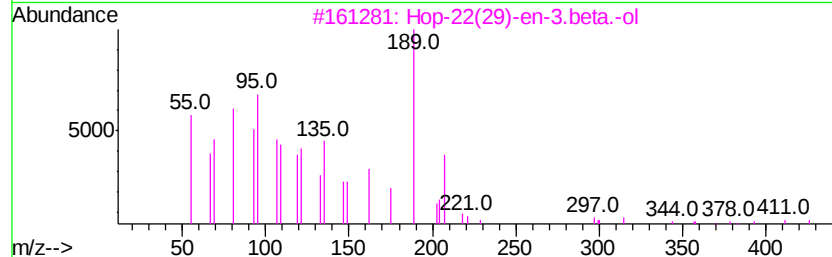
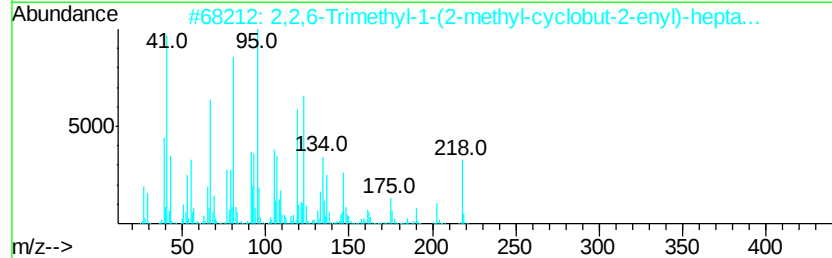
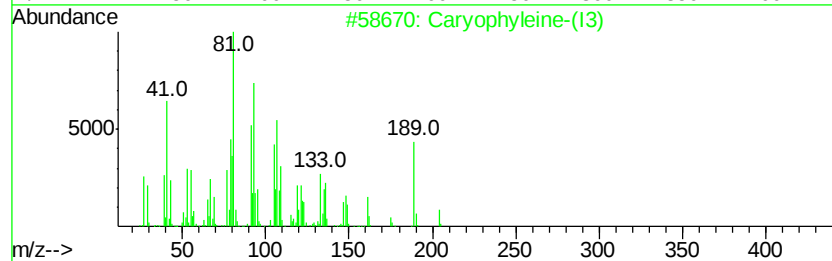
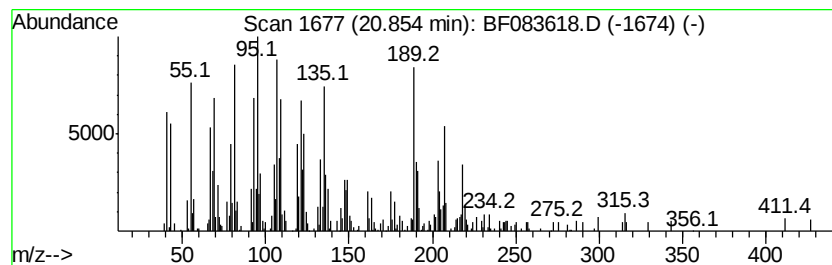
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Caryophyllene-(I3) Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	7.96 ng	290699	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Caryophyllene-(I3)	204	C15H24	136296-37-2	64
2		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	60
3		Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	50
4		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	47
5		1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
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Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
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Misc :
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ClientSampleId :
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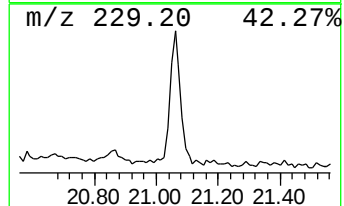
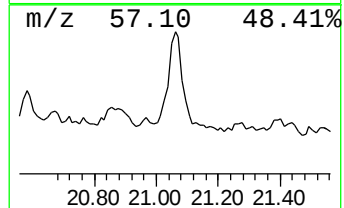
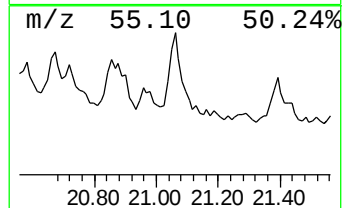
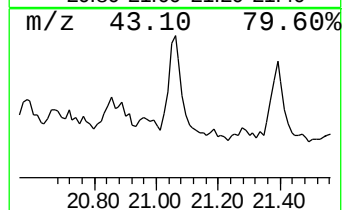
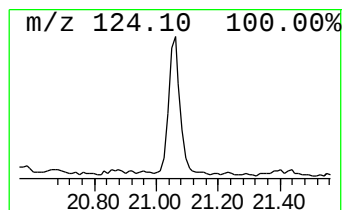
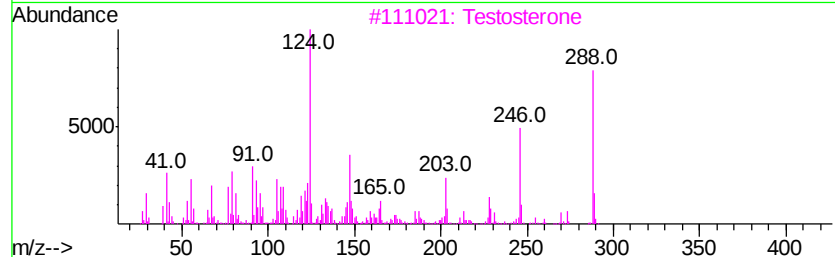
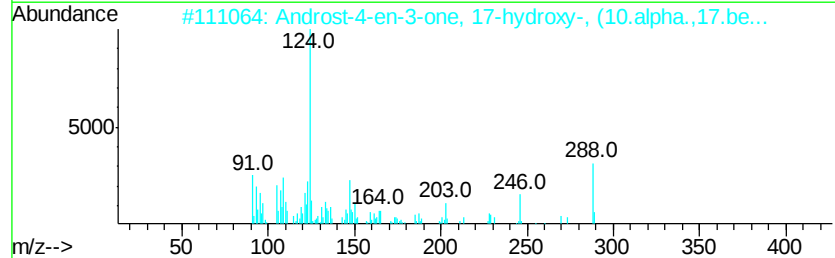
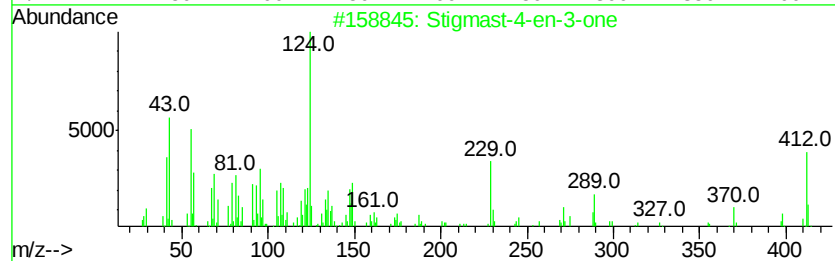
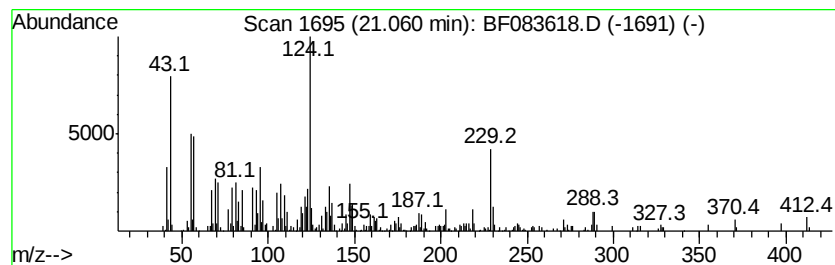
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Stigmast-4-en-3-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	20.84 ng	761237	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	94
2		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	78
3		Testosterone	288	C19H28O2	000058-22-0	64
4		7-Oxabicyclo[4.1.0]heptane, 2,2, ...	218	C15H22O	070038-20-9	55
5		Testosterone Cypionate	412	C27H40O3	000058-20-8	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

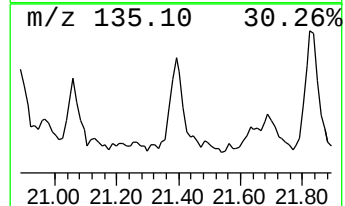
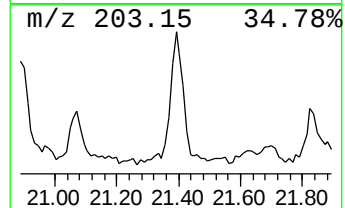
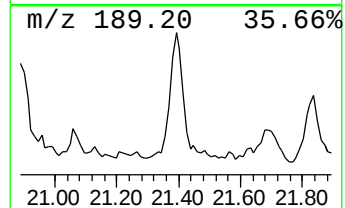
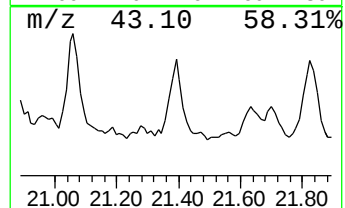
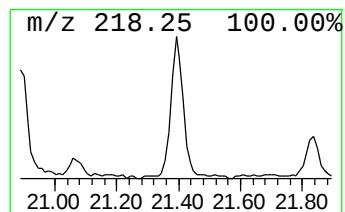
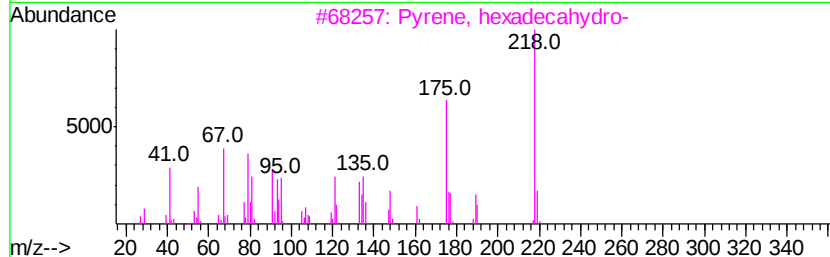
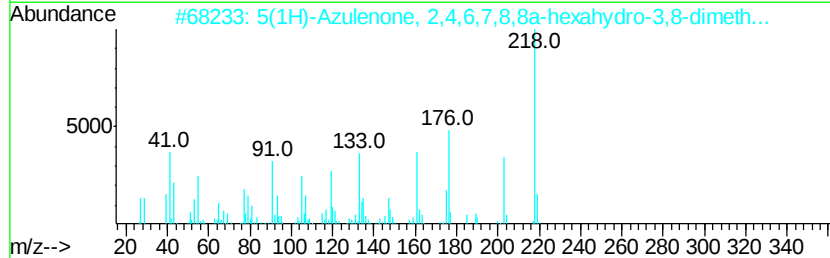
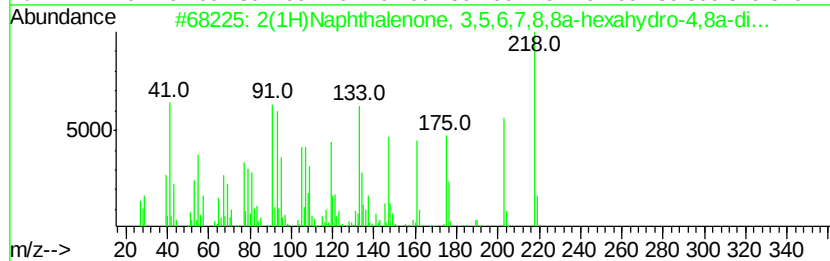
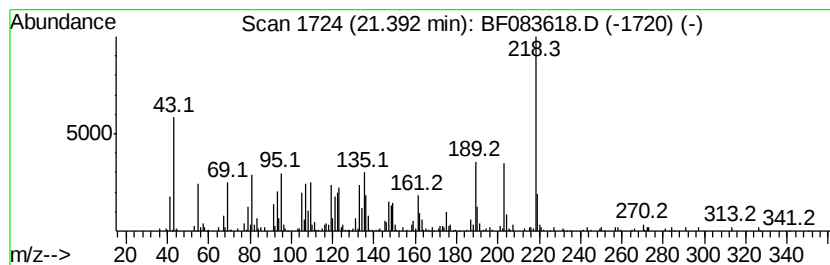
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2(1H)Naphthalenone, 3,5,6,7... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	19.41 ng	709079	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	53
2		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	50
3		Pvrene, hexadecahydro-	218	C16H26	002435-85-0	47
4		3-Amino-5-piperonyl-1,2,4-triazole	218	C10H10N4O2	014730-92-8	46
5		8-Amino-2,6-dimethoxylepidine	218	C12H14N2O2	074509-65-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

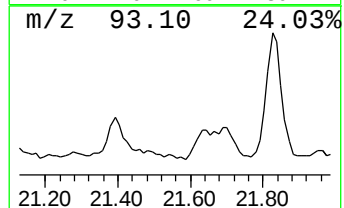
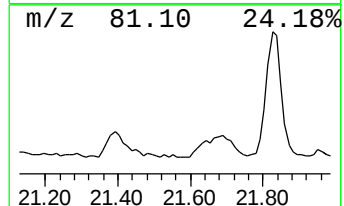
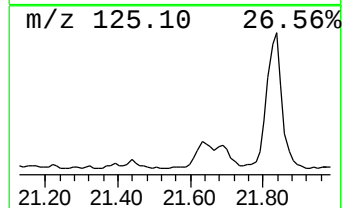
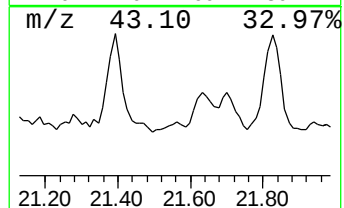
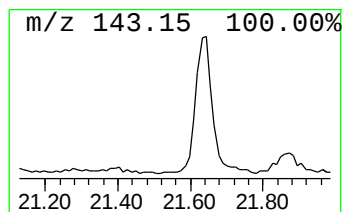
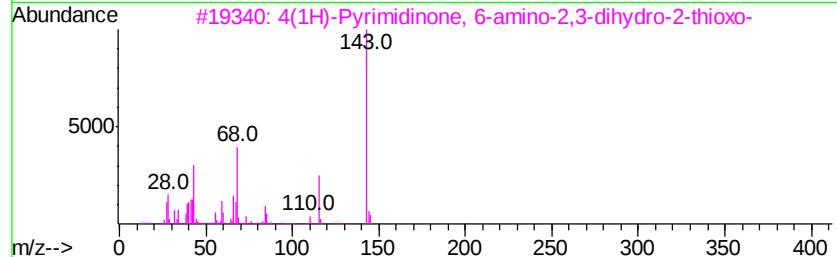
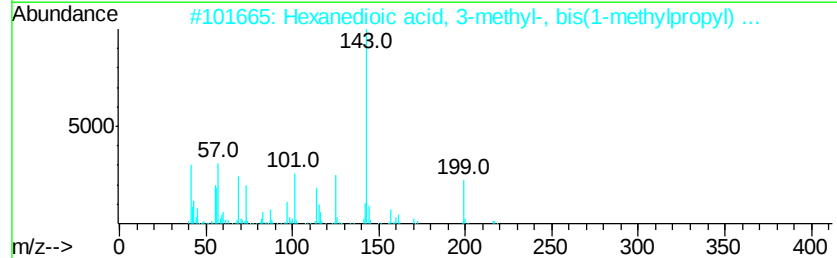
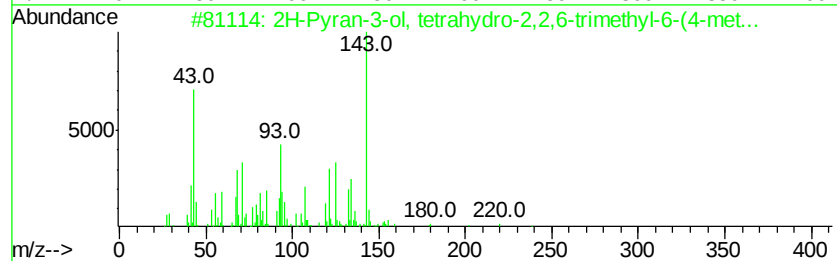
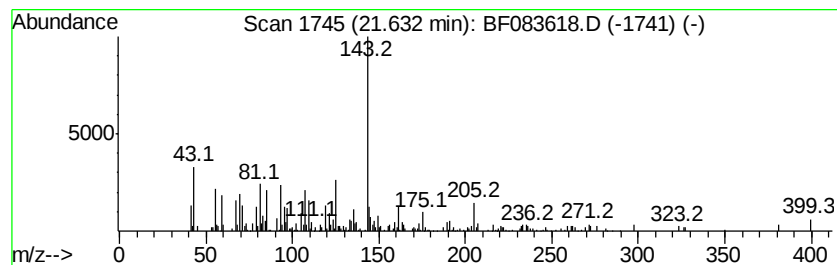
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown21.63 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	7.77 ng	283972	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Pyran-3-ol, tetrahydro-2,2,6-...	238	C15H26O2	022567-36-8	40
2		Hexanedioic acid, 3-methyl-, bis...	272	C15H28O4	057983-09-2	38
3		4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	38
4		Benzene, 1,1'-sulfonylbis[4-fluoro-	254	C12H8F2O2S	000383-29-9	35
5		Ethane, 1,2-dibromo-1-chloro-	220	C2H3Br2Cl	000598-20-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

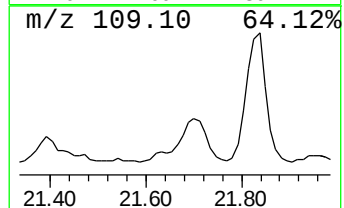
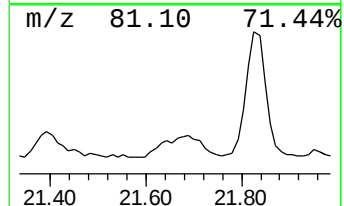
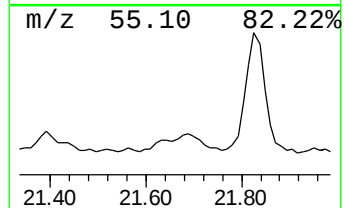
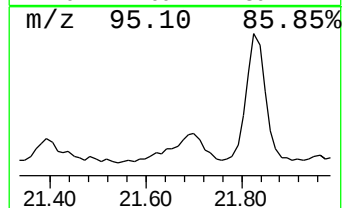
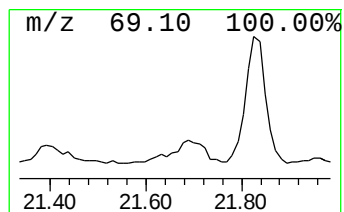
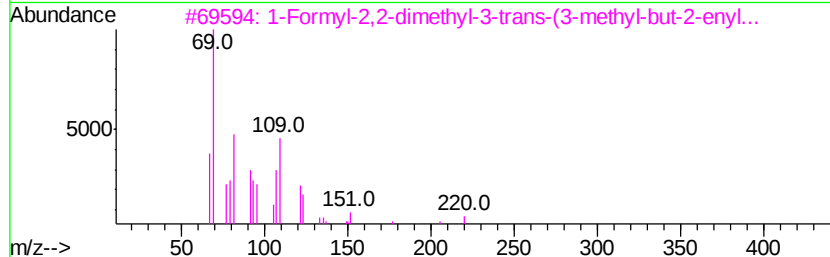
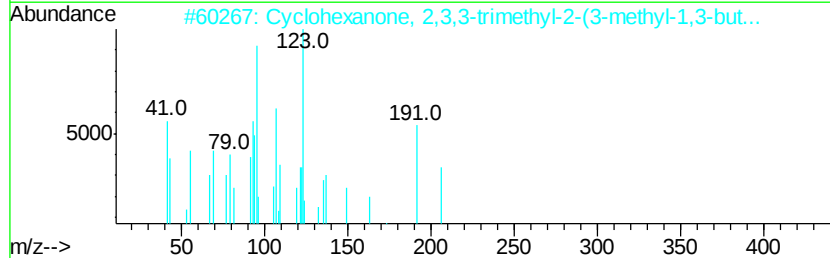
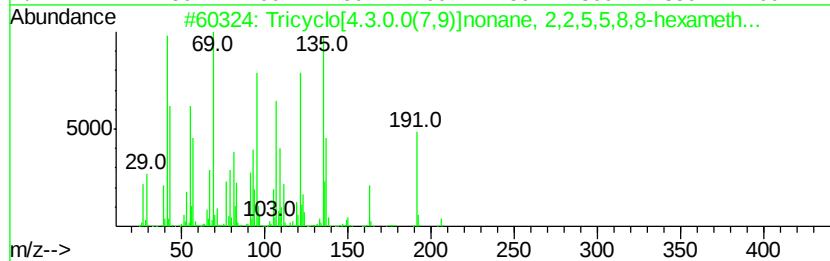
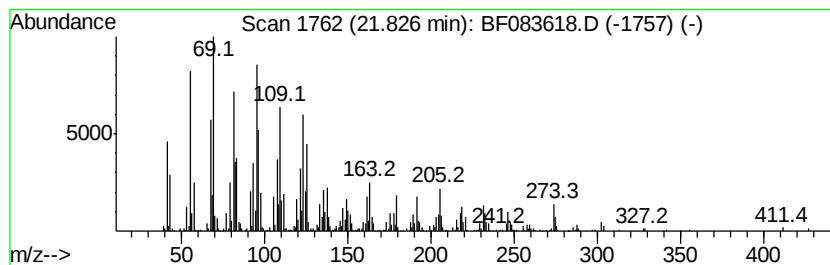
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tricyclo[4.3.0.0(7,9)]nonan... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	57.19 ng	2089540	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.3.0.0(7,9)]nonane, 2,...	206	C15H26	054832-82-5	50
2		Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	43
3		1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	30
4		9-Octadecyne	250	C18H34	035365-59-4	30
5		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083618.D
 Acq On : 9 Dec 2015 2:50
 Operator : UM/IZ
 Sample : G4650-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-11(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.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...	3.54	21.1 ng		1037160	1	5.70	985401	20.0
unknown5.40	5.40	85.9 ng		4230860	1	5.70	985401	20.0
Tridecanoic acid	13.84	10.1 ng		536236	4	12.77	1065750	20.0
2-Heptafluorobuty...	14.97	7.0 ng		347265	5	16.99	986233	20.0
1-Phenanthrenecar...	16.77	13.3 ng		656047	5	16.99	986233	20.0
Bromoacetic acid,...	16.91	9.6 ng		474567	5	16.99	986233	20.0
Trichloroacetic a...	17.73	12.7 ng		626902	5	16.99	986233	20.0
6a,12a-Dihydro-6H...	17.88	18.1 ng		660697	6	18.63	730682	20.0
1-Docosene	18.42	23.8 ng		869913	6	18.63	730682	20.0
.gamma.-Tocopherol	18.90	19.5 ng		712899	6	18.63	730682	20.0
5-Eicosene, (E)-	19.11	7.4 ng		269669	6	18.63	730682	20.0
.gamma.-Sitosterol	20.27	28.2 ng		1029000	6	18.63	730682	20.0
(-)-Caryophyllene...	20.49	7.7 ng		282089	6	18.63	730682	20.0
1-Oxaspiro[2.5]oc...	20.67	8.0 ng		292705	6	18.63	730682	20.0
Caryophyllene-(I3)	20.85	8.0 ng		290699	6	18.63	730682	20.0
Stigmast-4-en-3-one	21.06	20.8 ng		761237	6	18.63	730682	20.0
2(1H)Naphthalenon...	21.39	19.4 ng		709079	6	18.63	730682	20.0
unknown21.63	21.63	7.8 ng		283972	6	18.63	730682	20.0
Tricyclo[4.3.0.0(...	21.83	57.2 ng		2089540	6	18.63	730682	20.0