

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083539.D
 Acq On : 7 Dec 2015 2:47
 Operator : UM/IZ
 Sample : G4614-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S25-15.5

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-BF120415.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	3.584	163	166	180	rVB	748992	1708410	25.37%	2.134%
2	4.018	201	204	218	rBV	4918663	6494129	96.45%	8.113%
3	5.299	312	316	324	rBV	4394269	6733021	100.00%	8.412%
4	5.424	324	327	330	rBV	4002296	6469927	96.09%	8.083%
5	5.733	351	354	363	rBV	985516	1225417	18.20%	1.531%
6	5.950	370	373	376	rBV	3784299	4842687	71.92%	6.050%
7	6.567	423	427	429	rBV	2798345	4405658	65.43%	5.504%
8	6.842	447	451	460	rVB	65958	124801	1.85%	0.156%
9	7.630	517	520	523	rVV	1200976	1537739	22.84%	1.921%
10	8.350	579	583	586	rBV	53888	96961	1.44%	0.121%
11	9.196	653	657	661	rBV	42501	83782	1.24%	0.105%
12	9.379	669	673	676	rBV	3978948	6689578	99.35%	8.357%
13	9.665	695	698	705	rVB2	45226	92599	1.38%	0.116%
14	10.065	729	733	736	rBV	1111587	1424272	21.15%	1.779%
15	10.191	741	744	747	rVB	70837	105901	1.57%	0.132%
16	10.419	761	764	767	rBV	1282550	1794383	26.65%	2.242%
17	10.762	790	794	798	rBV	61536	101924	1.51%	0.127%
18	11.265	835	838	840	rBV	107969	169964	2.52%	0.212%
19	11.311	840	842	847	rVB	109197	148664	2.21%	0.186%
20	11.711	873	877	880	rBV	2608995	3810940	56.60%	4.761%
21	11.928	893	896	900	rVB3	28763	78613	1.17%	0.098%
22	12.042	902	906	909	rBV2	132753	248207	3.69%	0.310%
23	12.099	909	911	914	rVV	47244	75198	1.12%	0.094%
24	12.156	914	916	918	rVV2	46793	75928	1.13%	0.095%
25	12.202	918	920	922	rVV2	57677	107694	1.60%	0.135%
26	12.454	939	942	945	rBV3	53478	127186	1.89%	0.159%
27	12.522	945	948	953	rVB3	68310	140780	2.09%	0.176%
28	12.648	957	959	962	rVB	53861	82765	1.23%	0.103%
29	12.774	967	970	971	rBV	81442	96013	1.43%	0.120%
30	12.819	971	974	975	rVV	1035610	1595425	23.70%	1.993%
31	12.854	975	977	980	rVB	990369	1237970	18.39%	1.547%
32	12.934	980	984	987	rBV	222133	335375	4.98%	0.419%
33	13.037	990	993	1000	rVB5	26290	91117	1.35%	0.114%
34	13.242	1007	1011	1017	rBV3	67715	188953	2.81%	0.236%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.471	1028	1031	1036	rVB3	46675	101187	1.50%	0.126%
36	13.642	1043	1046	1048	rBV	169427	214380	3.18%	0.268%
37	13.688	1048	1050	1052	rVV	186063	250220	3.72%	0.313%
38	13.768	1055	1057	1058	rVV	78083	102274	1.52%	0.128%
39	13.802	1058	1060	1063	rVV2	181385	337817	5.02%	0.422%
40	13.871	1063	1066	1072	rVB2	265365	529018	7.86%	0.661%
41	14.134	1083	1089	1091	rBV	121839	239275	3.55%	0.299%
42	14.179	1091	1093	1096	rVV	78322	106964	1.59%	0.134%
43	14.545	1122	1125	1127	rBV	113957	182912	2.72%	0.229%
44	14.602	1127	1130	1134	rVV3	88592	223673	3.32%	0.279%
45	14.682	1134	1137	1142	rVB3	106882	221311	3.29%	0.276%
46	14.774	1142	1145	1149	rBV	1260212	1774837	26.36%	2.217%
47	14.900	1153	1156	1158	rBV	105782	162225	2.41%	0.203%
48	14.934	1158	1159	1163	rVB	65226	79769	1.18%	0.100%
49	15.014	1163	1166	1171	rBV4	62853	198481	2.95%	0.248%
50	15.128	1173	1176	1182	rBV	1229794	1951202	28.98%	2.438%
51	15.242	1182	1186	1188	rBV3	56731	105112	1.56%	0.131%
52	15.300	1188	1191	1195	rVV2	302116	709390	10.54%	0.886%
53	15.357	1195	1196	1199	rVV2	94898	178758	2.65%	0.223%
54	15.448	1199	1204	1207	rVV	2894502	5114593	75.96%	6.390%
55	15.528	1209	1211	1214	rVB2	85004	143704	2.13%	0.180%
56	15.665	1218	1223	1224	rBV4	91511	231307	3.44%	0.289%
57	15.700	1224	1226	1228	rVB	118866	165358	2.46%	0.207%
58	15.802	1233	1235	1238	rBV2	116526	178856	2.66%	0.223%
59	15.860	1238	1240	1247	rVV2	129773	322049	4.78%	0.402%
60	15.963	1247	1249	1251	rVV3	68405	115088	1.71%	0.144%
61	15.997	1251	1252	1255	rVB2	69988	78355	1.16%	0.098%
62	16.260	1272	1275	1278	rVB	108225	189768	2.82%	0.237%
63	16.340	1279	1282	1285	rBV2	177190	325867	4.84%	0.407%
64	16.443	1288	1291	1292	rBV	141793	232483	3.45%	0.290%
65	16.477	1292	1294	1295	rVV2	93136	143671	2.13%	0.179%
66	16.511	1295	1297	1298	rVV2	159843	249380	3.70%	0.312%
67	16.534	1298	1299	1303	rVB	213423	251185	3.73%	0.314%
68	16.591	1303	1304	1308	rBV2	74991	110732	1.64%	0.138%
69	16.660	1308	1310	1312	rBV2	66887	143853	2.14%	0.180%
70	16.763	1317	1319	1321	rVV2	114245	188810	2.80%	0.236%
71	16.808	1321	1323	1327	rVB2	140696	314291	4.67%	0.393%

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72	17.014	1333	1341	1343	rBV3	1185130	3299369	49.00%	4.122%
73	17.048	1343	1344	1347	rVV	779542	760563	11.30%	0.950%
74	17.140	1350	1352	1356	rVV	91128	162404	2.41%	0.203%
75	17.220	1357	1359	1361	rVV	58689	79022	1.17%	0.099%
76	17.265	1361	1363	1364	rVV2	52346	87209	1.30%	0.109%
77	17.300	1364	1366	1367	rVV	73211	94071	1.40%	0.118%
78	17.346	1368	1370	1372	rVV2	77833	112605	1.67%	0.141%
79	17.391	1372	1374	1376	rVV	179712	246144	3.66%	0.308%
80	17.437	1376	1378	1381	rVB3	65282	113414	1.68%	0.142%
81	17.494	1381	1383	1384	rBV2	61686	80551	1.20%	0.101%
82	17.540	1384	1387	1389	rBV2	170044	252917	3.76%	0.316%
83	17.654	1395	1397	1398	rBV	66801	91264	1.36%	0.114%
84	17.746	1403	1405	1408	rBV2	100487	227714	3.38%	0.284%
85	17.940	1417	1422	1425	rBV5	188626	506129	7.52%	0.632%
86	18.111	1436	1437	1440	rVB2	133851	173648	2.58%	0.217%
87	18.180	1441	1443	1445	rVB2	97310	107591	1.60%	0.134%
88	18.271	1448	1451	1456	rBV	720474	1427033	21.19%	1.783%
89	18.374	1458	1460	1462	rVB	114290	123815	1.84%	0.155%
90	18.443	1464	1466	1468	rBV	53220	104287	1.55%	0.130%
91	18.534	1472	1474	1476	rBV	359460	392444	5.83%	0.490%
92	18.591	1477	1479	1482	rVB	574430	600789	8.92%	0.751%
93	18.648	1482	1484	1486	rBV	813712	1039215	15.43%	1.298%
94	19.117	1523	1525	1530	rVB3	52495	101781	1.51%	0.127%
95	19.883	1589	1592	1596	rVB	264775	476123	7.07%	0.595%
96	20.031	1603	1605	1607	rBV	51367	81626	1.21%	0.102%
97	20.077	1607	1609	1612	rVB	50891	80969	1.20%	0.101%
98	20.237	1620	1623	1627	rBV	170881	323308	4.80%	0.404%
99	20.329	1628	1631	1634	rVB5	40194	89489	1.33%	0.112%
100	20.454	1639	1642	1646	rVB	46314	98902	1.47%	0.124%

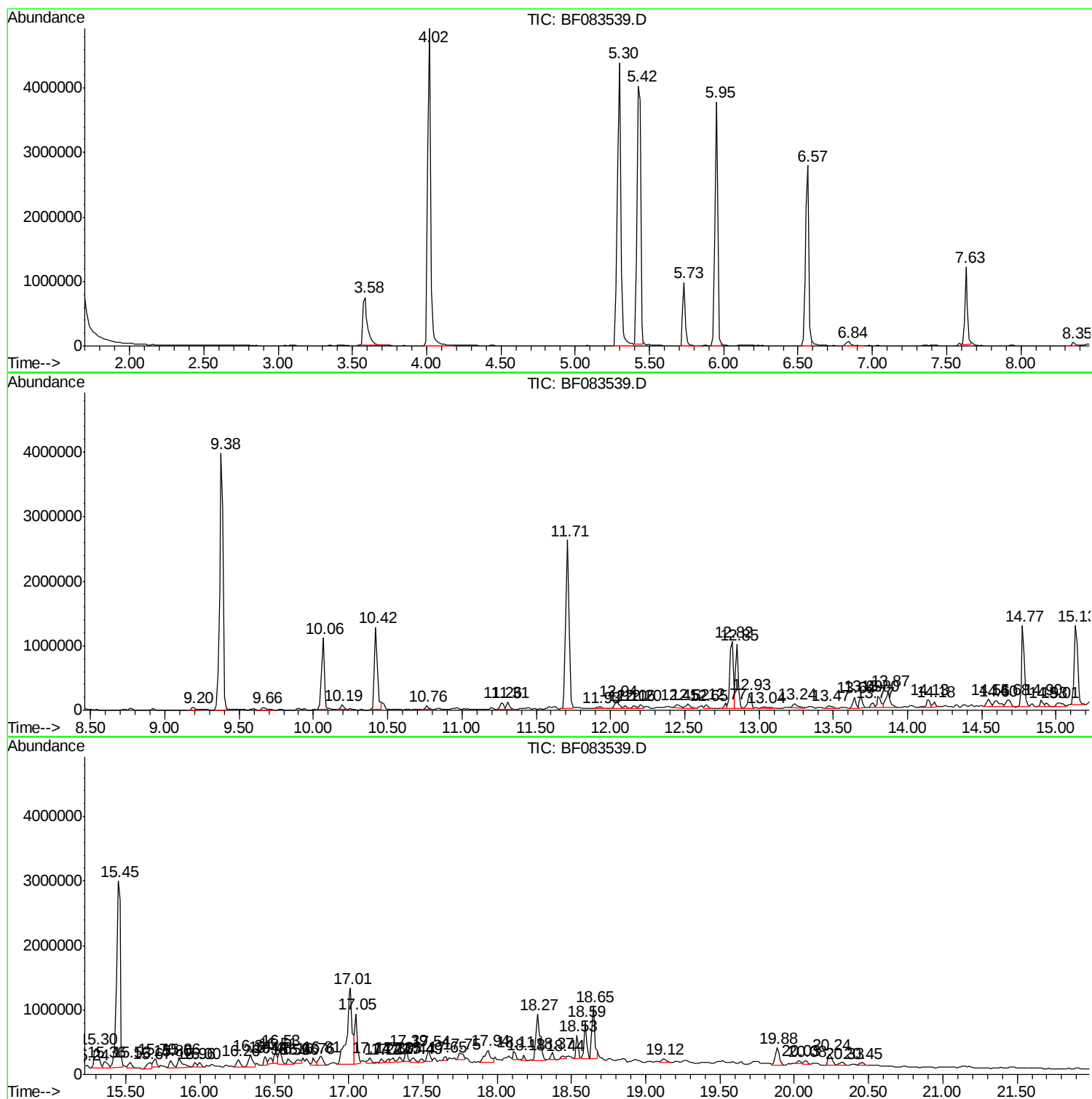
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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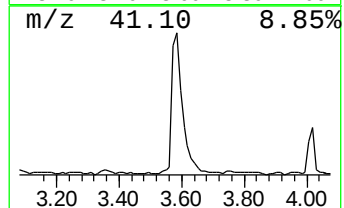
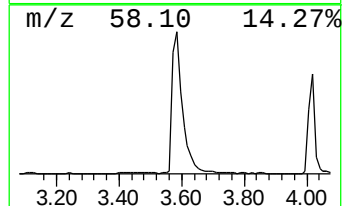
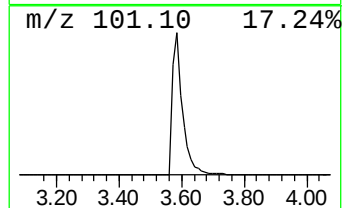
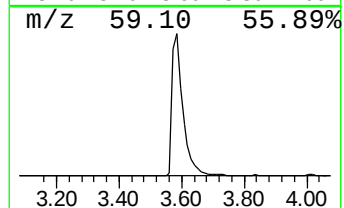
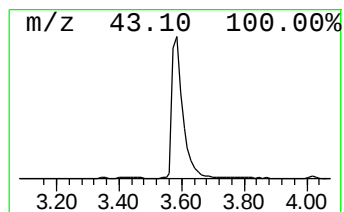
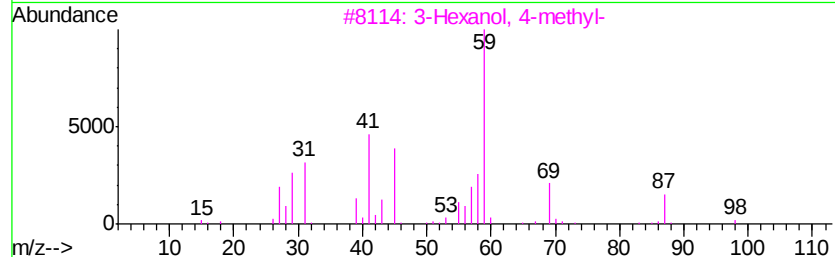
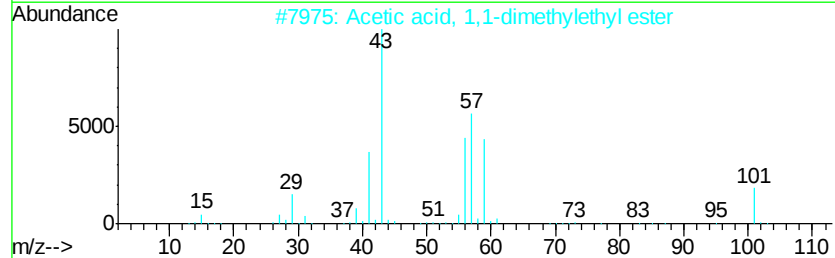
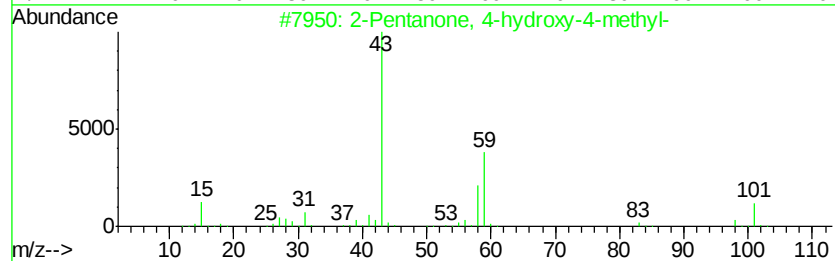
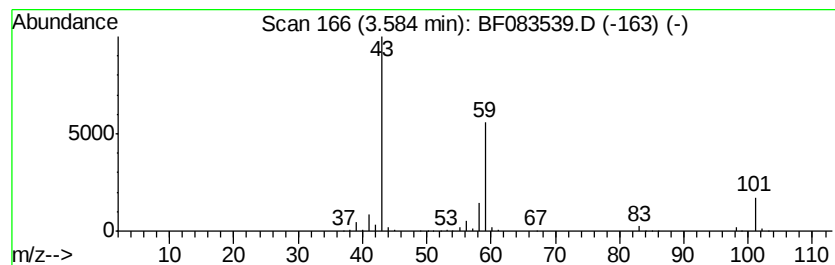
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.58	27.88 ng	1708410	1,4-Dichlorobenzene-d4	5.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
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	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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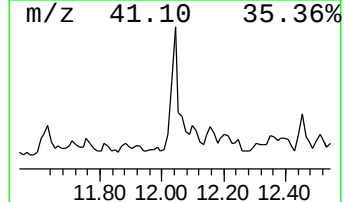
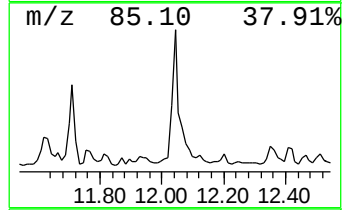
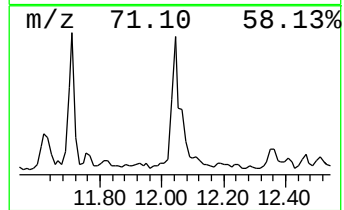
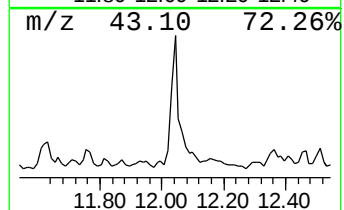
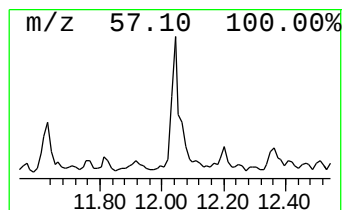
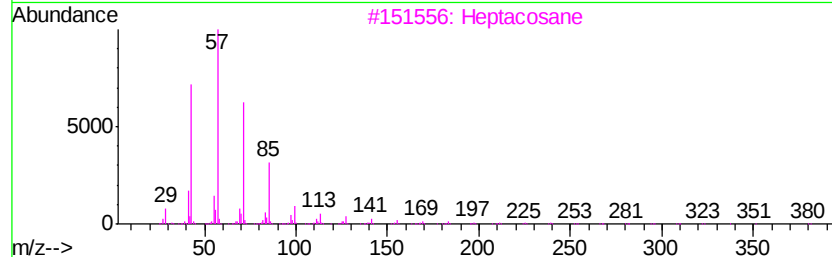
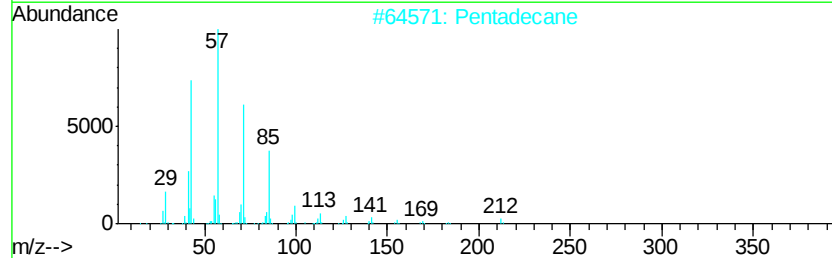
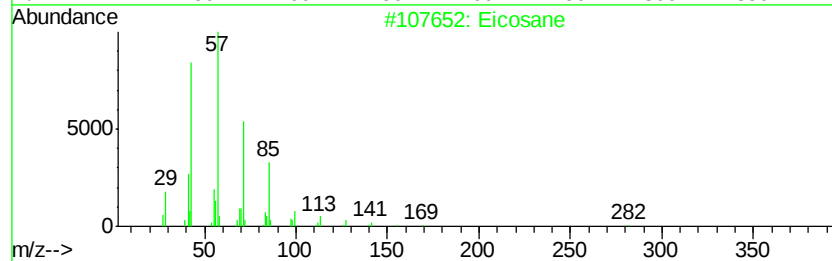
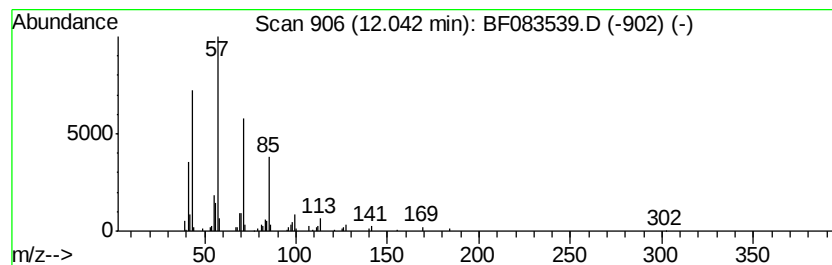
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.11 ng	248207	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Pentadecane	212	C15H32	000629-62-9	91
3		Heptacosane	380	C27H56	000593-49-7	90
4		Tetradecane	198	C14H30	000629-59-4	87
5		Hexadecane	226	C16H34	000544-76-3	86



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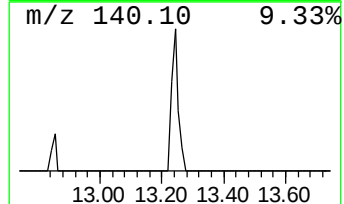
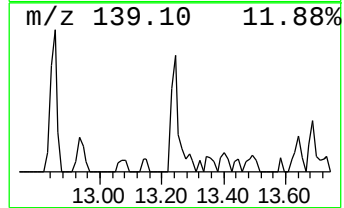
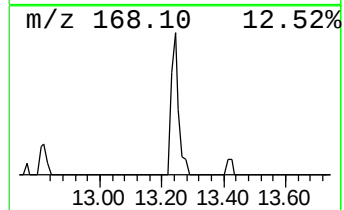
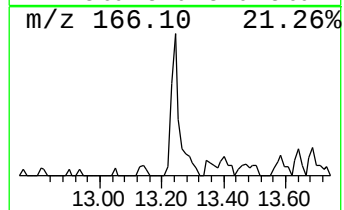
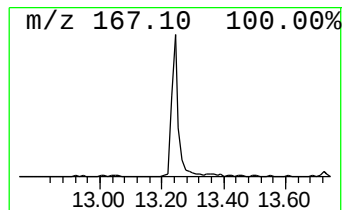
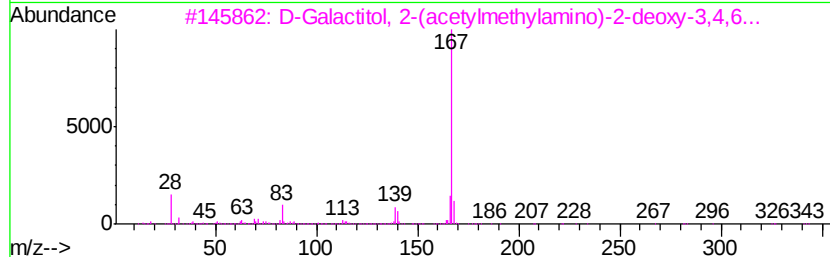
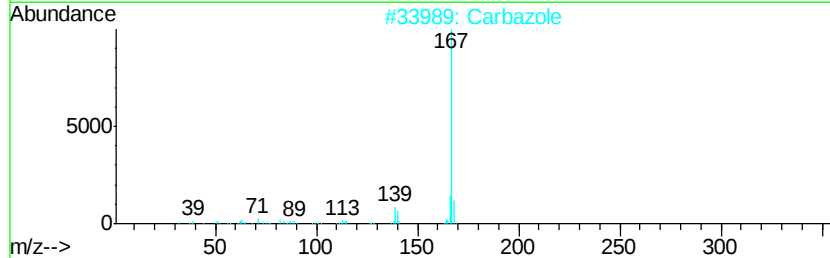
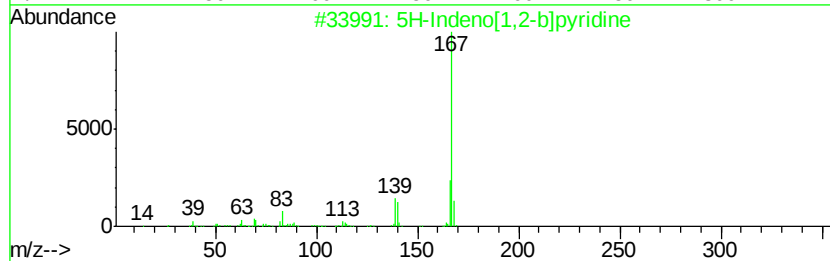
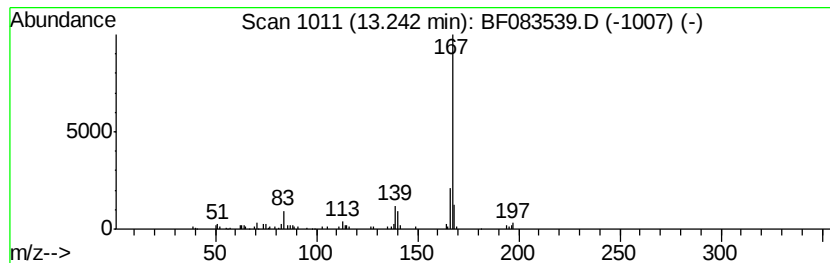
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TIC Integration Parameters: LSCINT.P

Peak Number 5 5H-Indeno[1,2-b]pyridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.37 ng	188953	Phenanthrene-d10	12.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine		167	C12H9N	000244-99-5	90
2	Carbazole		167	C12H9N	000086-74-8	87
3	D-Galactitol, 2-(acetyl-methylamino)-2-deoxy-3,4,6...		363	C16H29N08	074410-42-7	80
4	9H-Carbazole, 9-nitroso-		196	C12H8N2O	002788-23-0	78
5	2-Azafluorene		167	C12H9N	000244-40-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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Acq On : 7 Dec 2015 2:47
Operator : UM/IZ
Sample : G4614-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

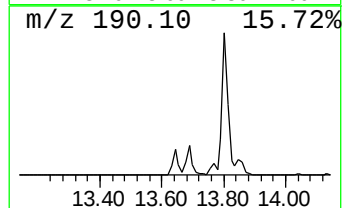
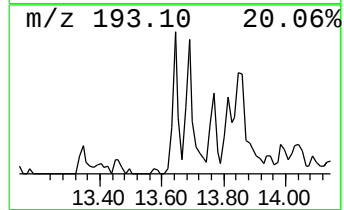
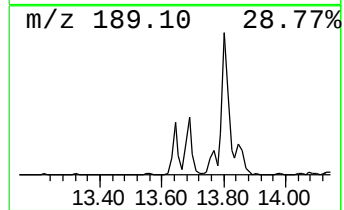
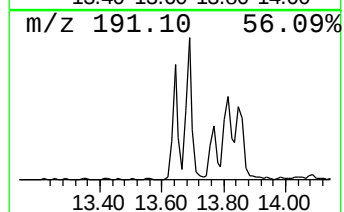
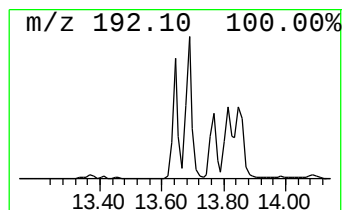
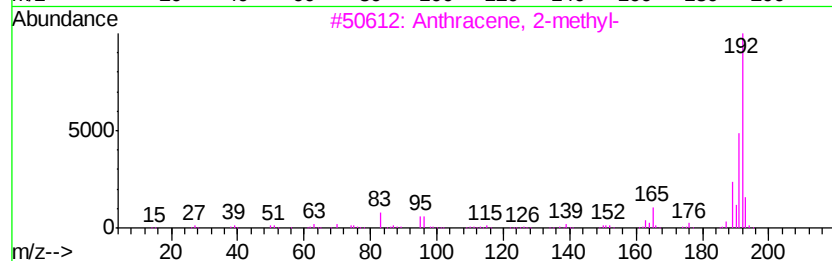
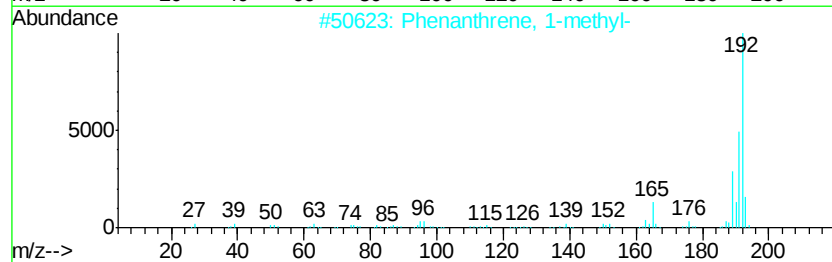
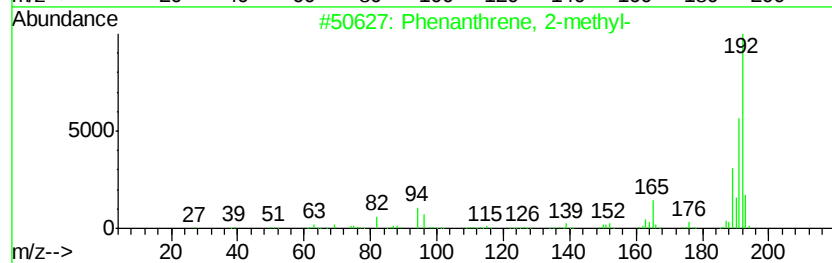
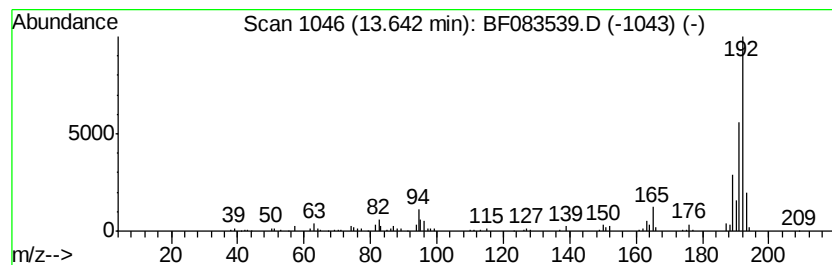
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ClientSampleId :
S25-15.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.64	2.69 ng	214380	Phenanthrene-d10	12.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083539.D
Acq On : 7 Dec 2015 2:47
Operator : UM/IZ
Sample : G4614-04
Misc :
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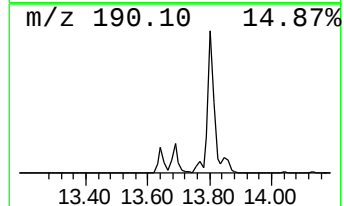
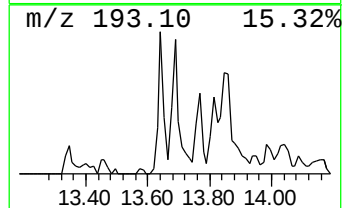
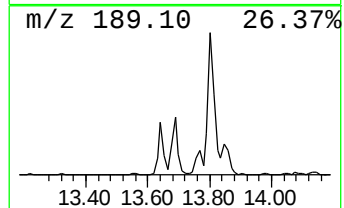
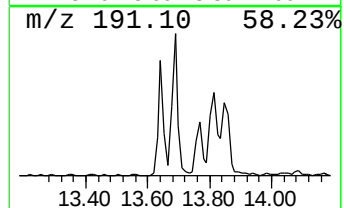
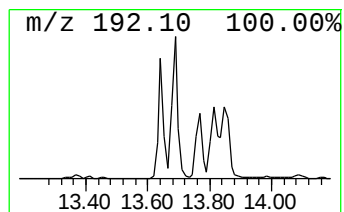
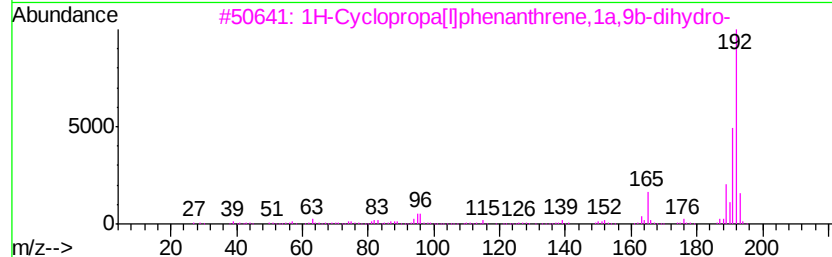
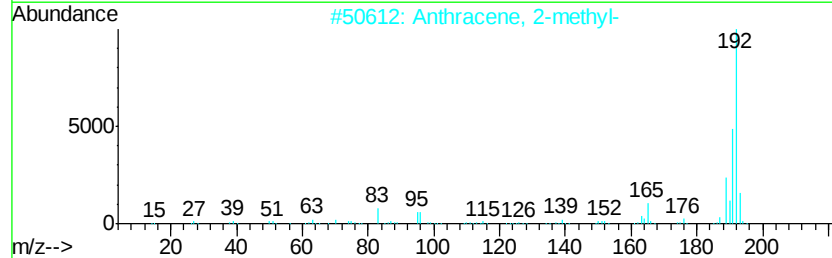
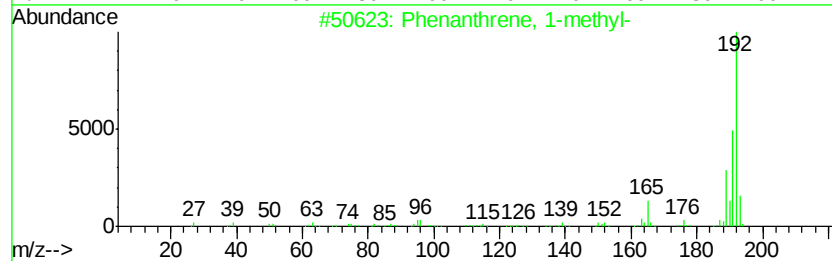
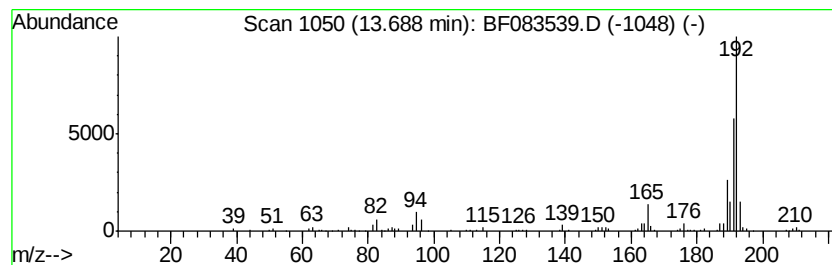
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.69	3.14 ng	250220	Phenanthrene-d10	12.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083539.D
Acq On : 7 Dec 2015 2:47
Operator : UM/IZ
Sample : G4614-04
Misc :
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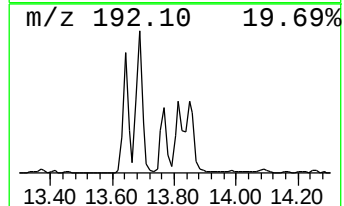
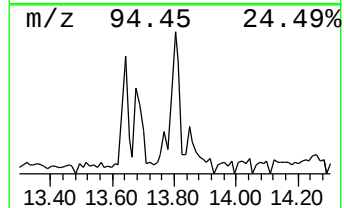
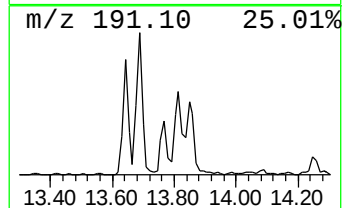
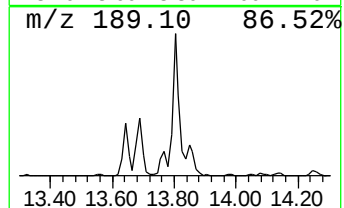
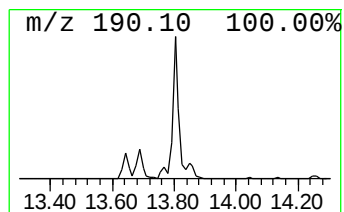
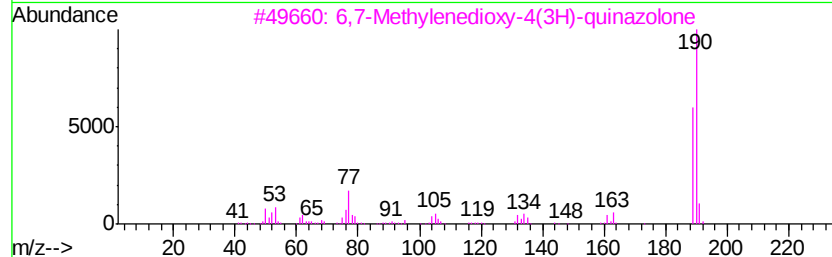
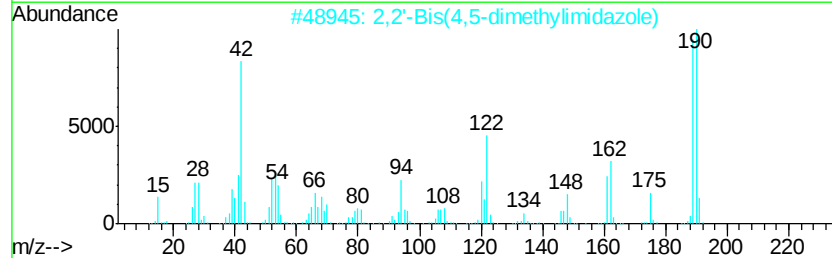
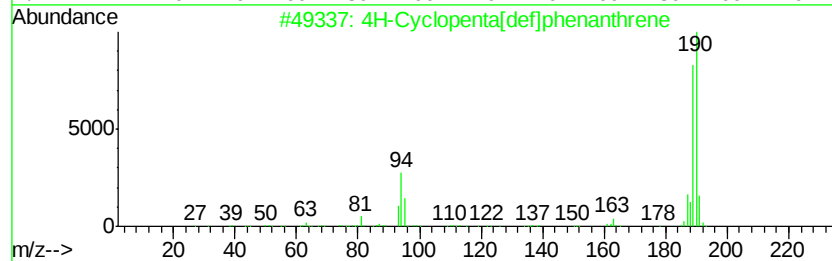
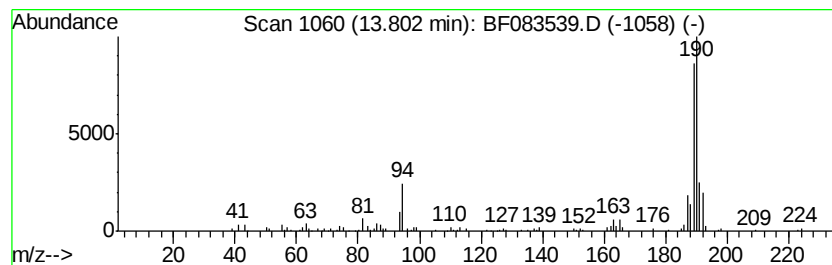
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.80	4.23 ng	337817	Phenanthrene-d10	12.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	36
4	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	33
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083539.D
Acq On : 7 Dec 2015 2:47
Operator : UM/IZ
Sample : G4614-04
Misc :
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Instrument :
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ClientSampleId :
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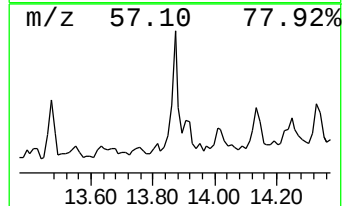
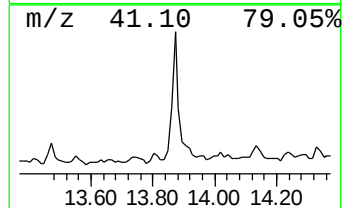
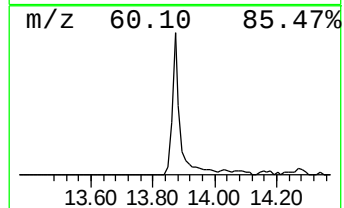
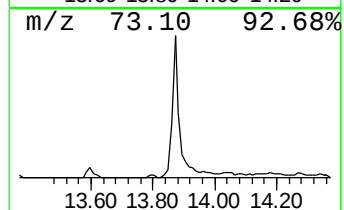
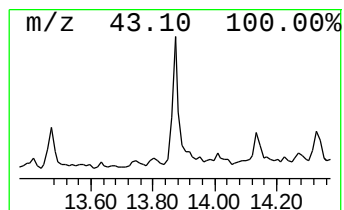
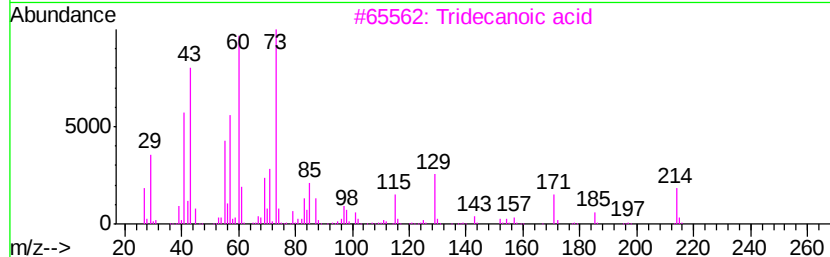
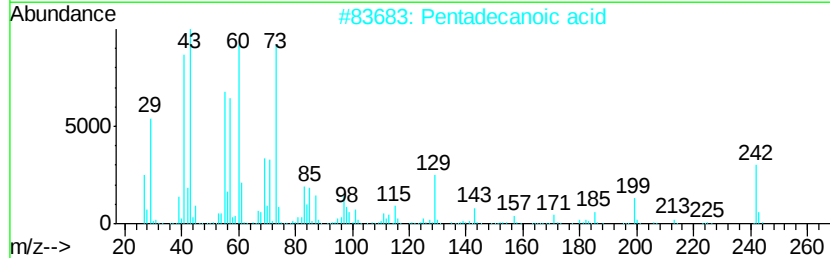
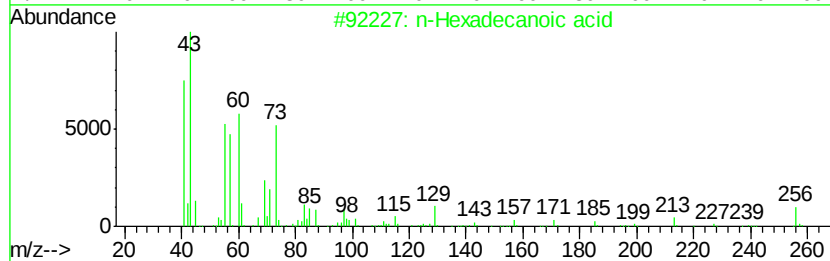
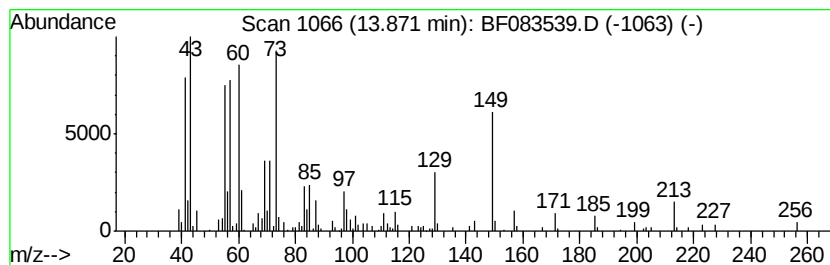
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.63 ng	529018	Phenanthrene-d10	12.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50	
5	Undecanoic acid	186	C11H22O2	000112-37-8	47	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083539.D
Acq On : 7 Dec 2015 2:47
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Misc :
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Instrument :
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ClientSampleId :
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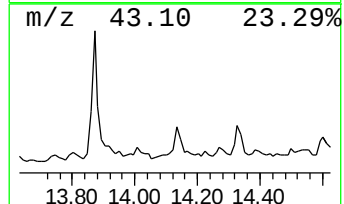
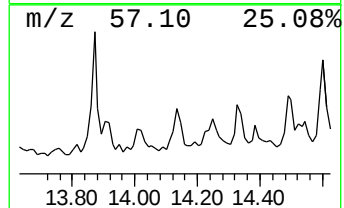
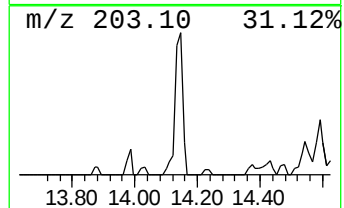
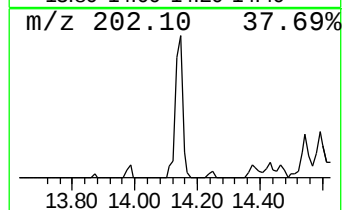
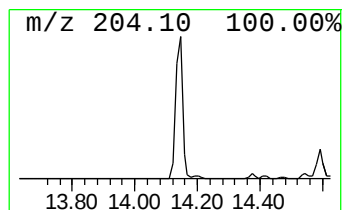
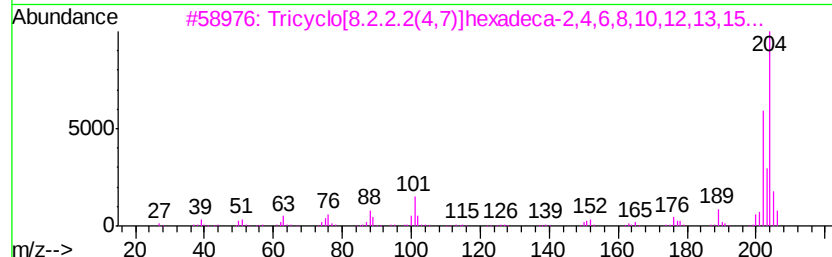
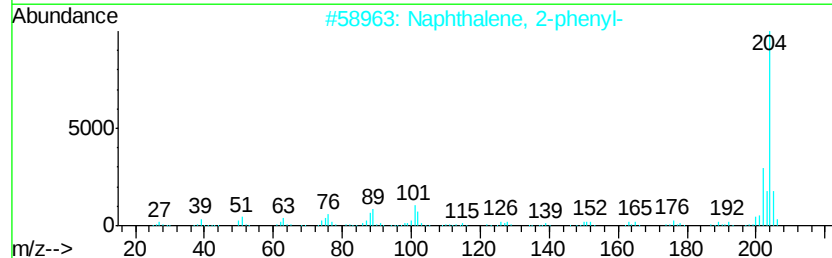
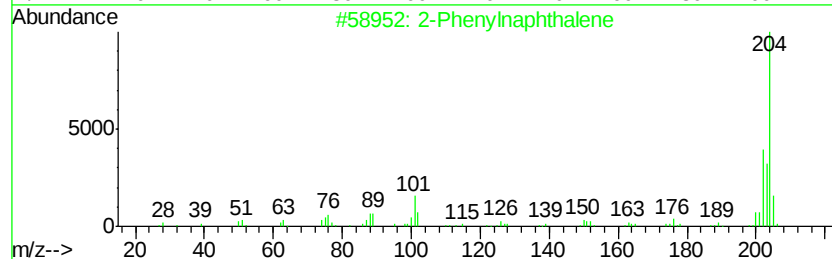
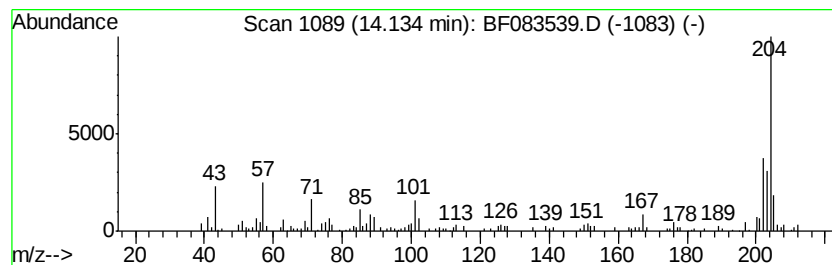
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Phenylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	3.00 ng	239275	Phenanthrene-d10	12.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenylnaphthalene	204	C16H12	035465-71-5	97
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	93
4			5,16[1',2':1,8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083539.D
Acq On : 7 Dec 2015 2:47
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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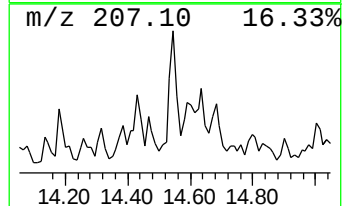
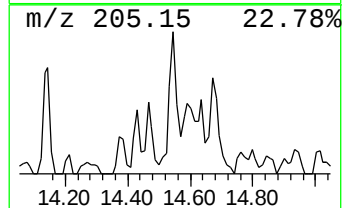
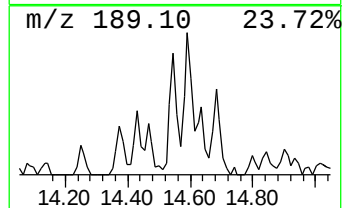
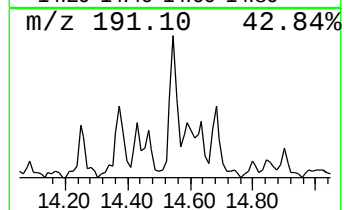
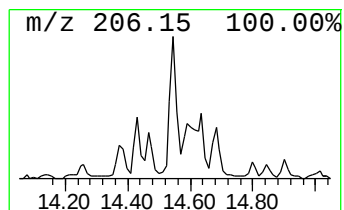
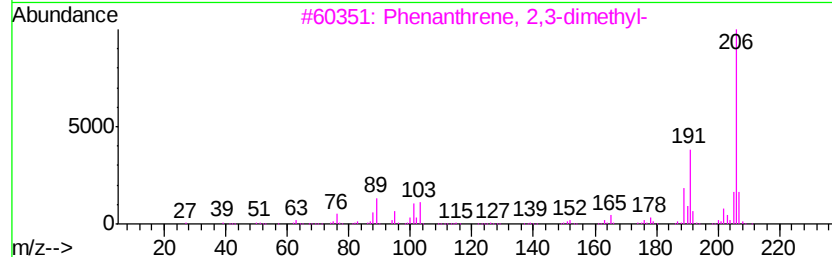
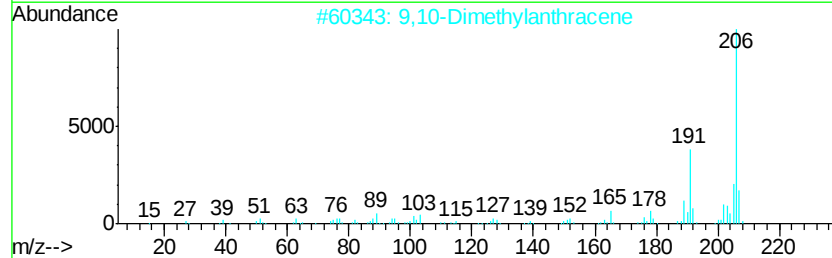
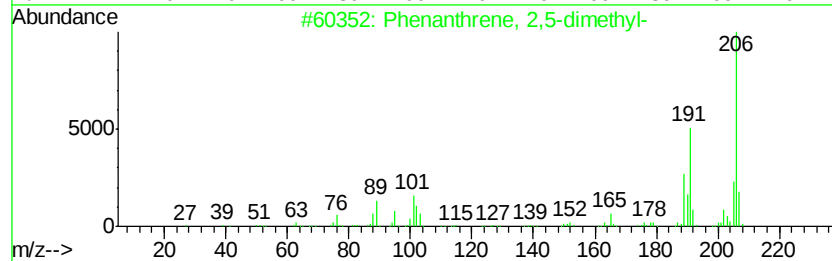
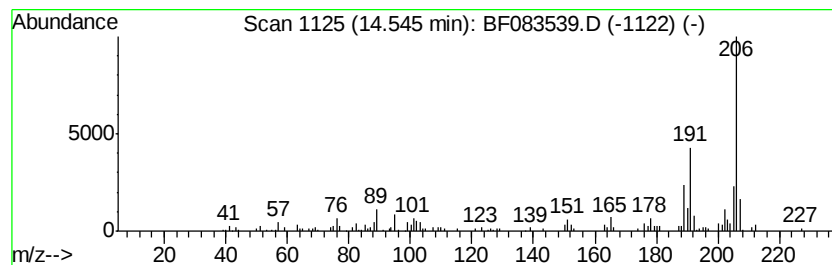
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.29 ng	182912	Phenanthrene-d10	12.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083539.D
Acq On : 7 Dec 2015 2:47
Operator : UM/IZ
Sample : G4614-04
Misc :
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Instrument :
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ClientSampled :
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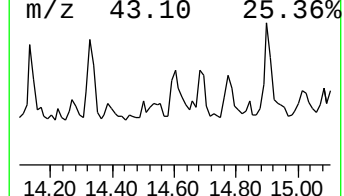
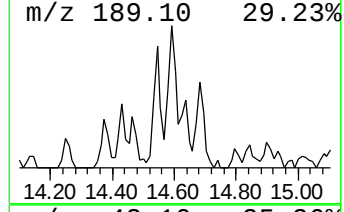
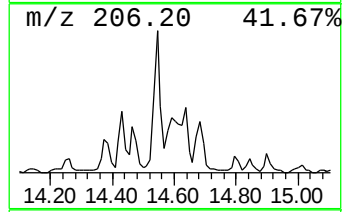
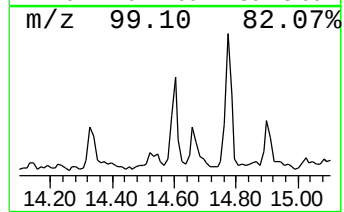
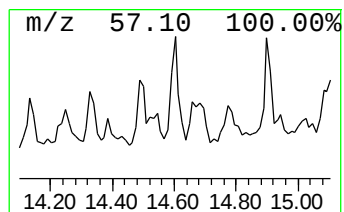
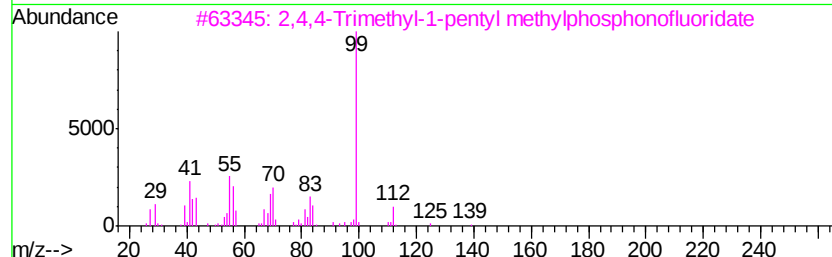
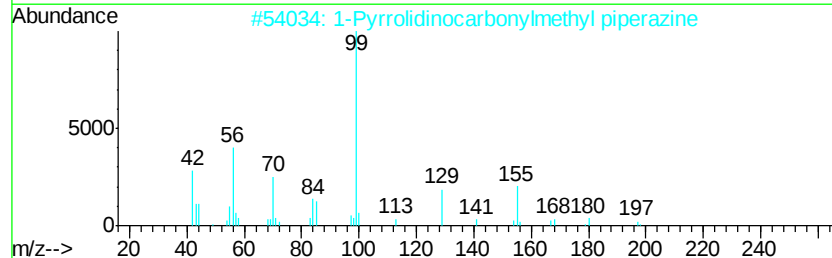
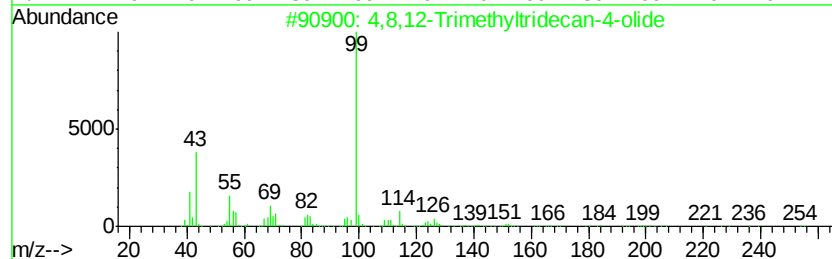
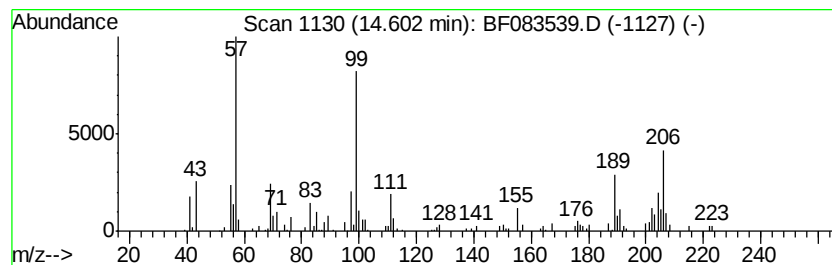
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown14.60 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.80 ng	223673	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,8,12-Trimethyltridecan-4-olide	254	C16H30O2	220904-24-5	22
2		1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	22
3		2,4,4-Trimethyl-1-pentyl methylp...	210	C9H20F02P	333416-06-1	22
4		2-Propylthiazole	127	C6H9NS	017626-75-4	14
5		2-Piperidinone	99	C5H9NO	000675-20-7	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083539.D
Acq On : 7 Dec 2015 2:47
Operator : UM/IZ
Sample : G4614-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S25-15.5

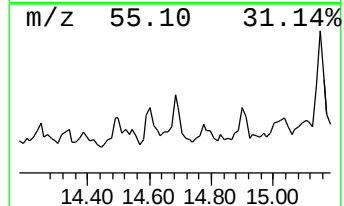
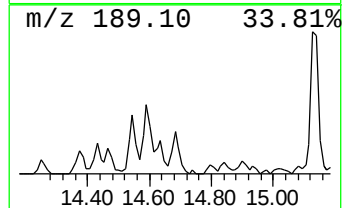
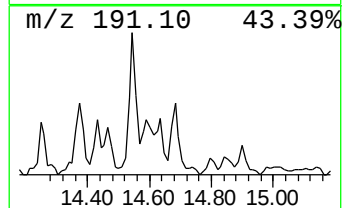
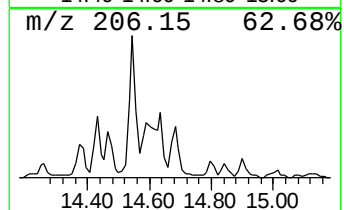
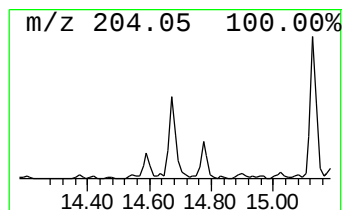
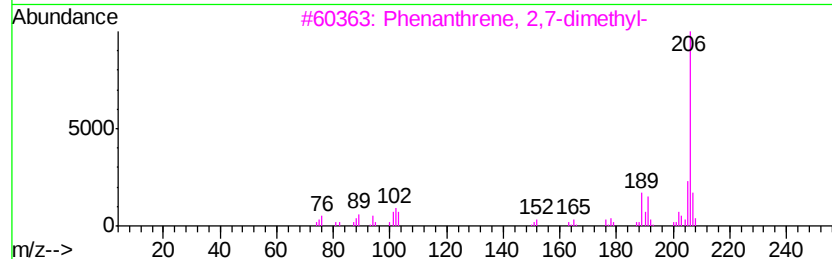
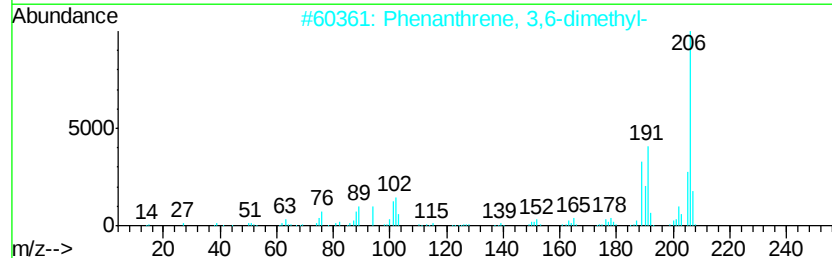
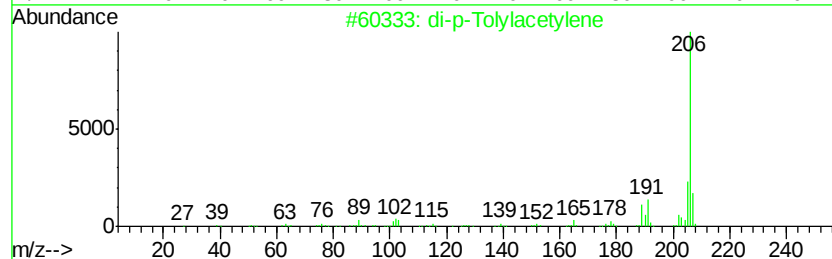
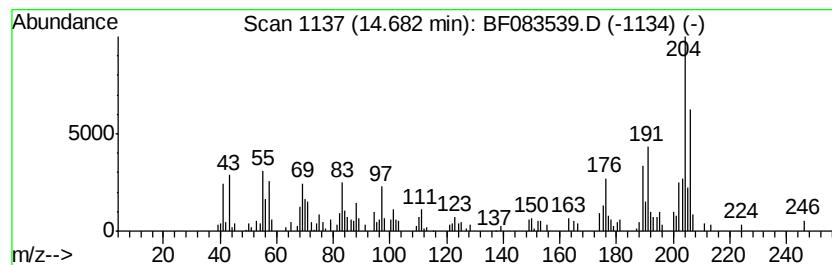
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.68 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	2.77 ng	221311	Phenanthrene-d10	12.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	43
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	42
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	41
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083539.D
Acq On : 7 Dec 2015 2:47
Operator : UM/IZ
Sample : G4614-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S25-15.5

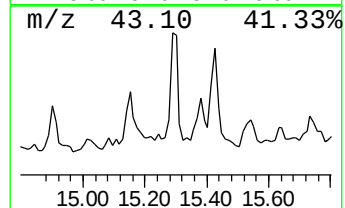
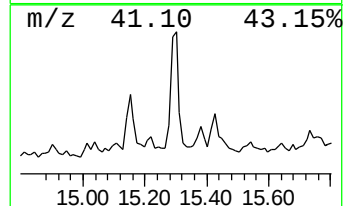
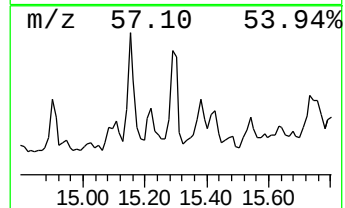
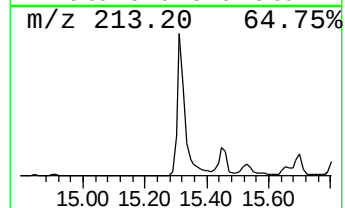
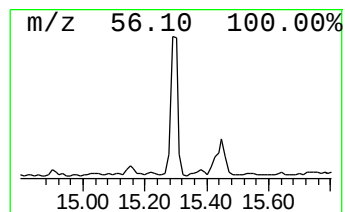
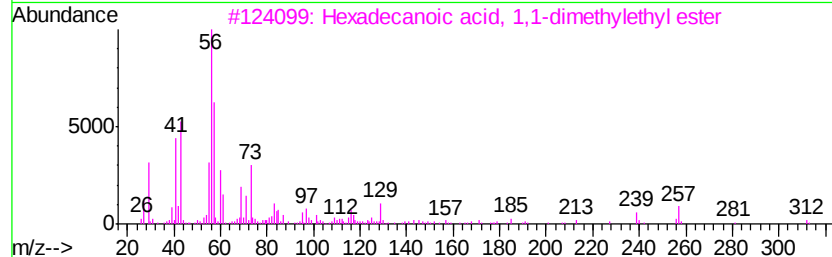
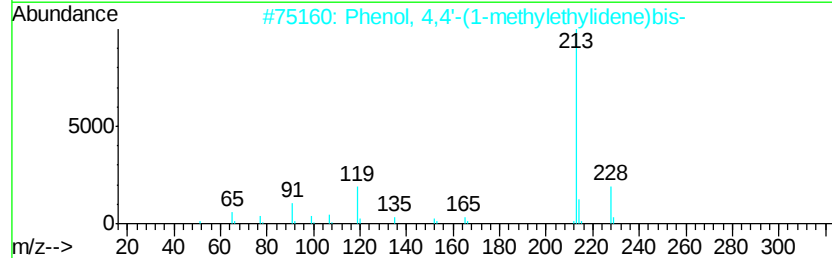
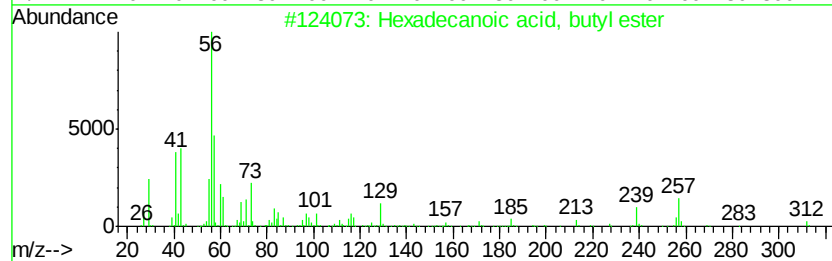
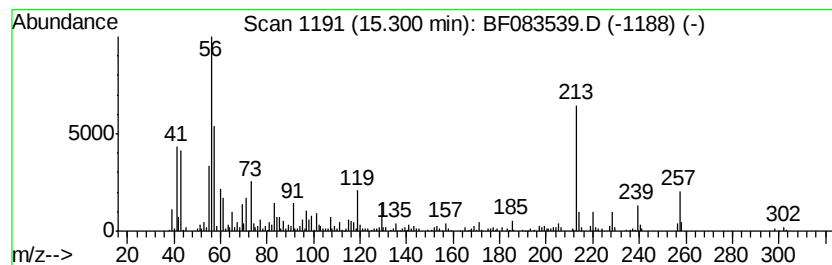
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	4.30 ng	709390	Chrysene-d12	17.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	60
2		Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	49
3		Hexadecanoic acid, 1,1-dimethylethyl ester	312	C20H40O2	031158-91-5	49
4		Oxirane, 2,3-bis(1-methylethyl)-	128	C8H16O	054644-32-5	27
5		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083539.D
Acq On : 7 Dec 2015 2:47
Operator : UM/IZ
Sample : G4614-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S25-15.5

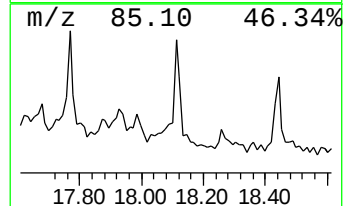
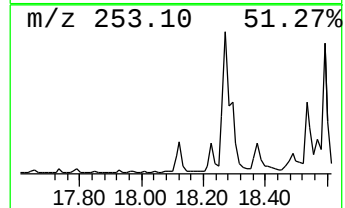
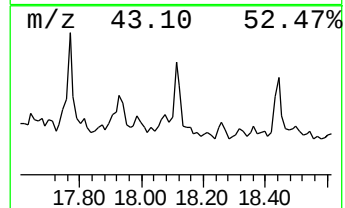
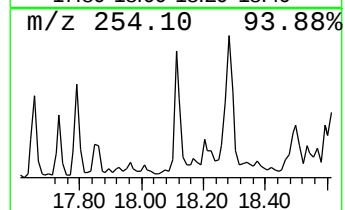
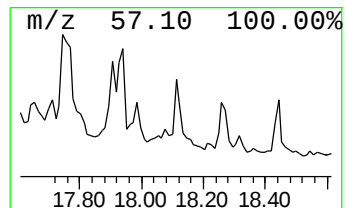
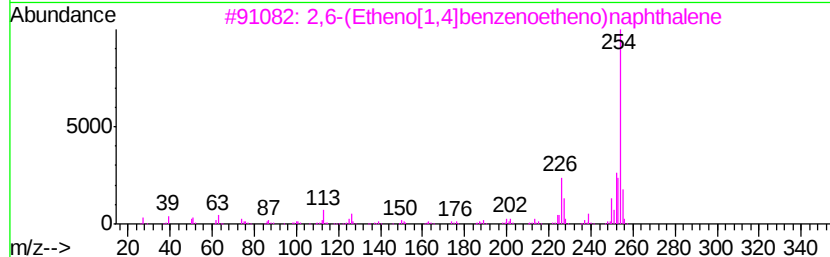
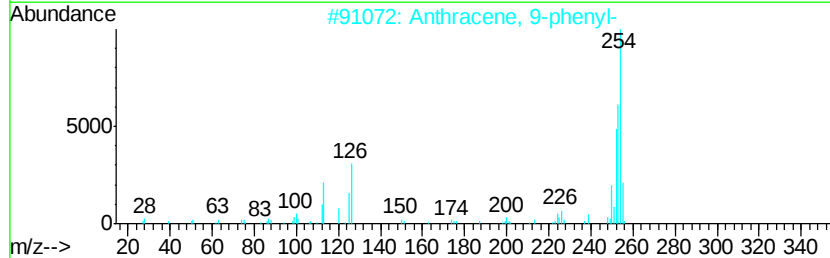
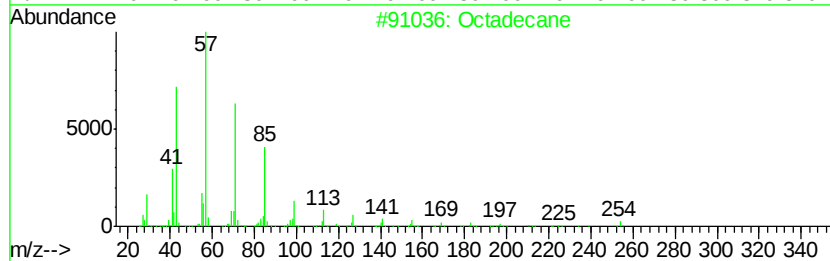
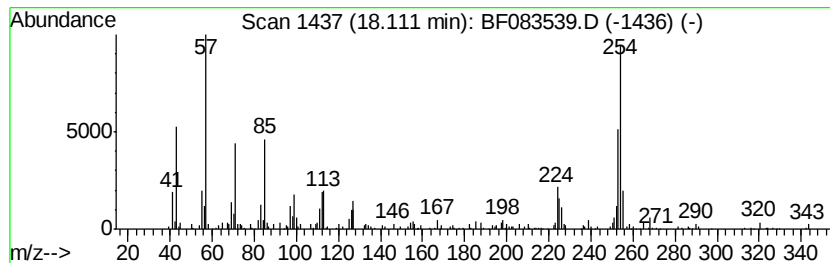
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	3.34 ng	173648	Perylene-d12	18.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	64
2		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	49
3		2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	46
4		1,1'-Binaphthalene	254	C20H14	000604-53-5	38
5		Hexadecane	226	C16H34	000544-76-3	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083539.D
Acq On : 7 Dec 2015 2:47
Operator : UM/IZ
Sample : G4614-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

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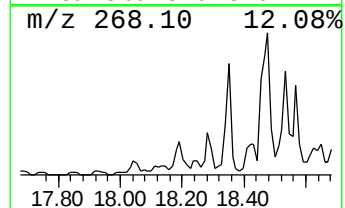
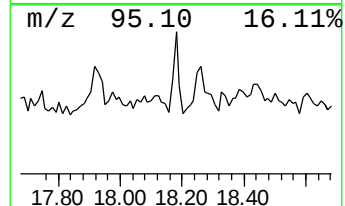
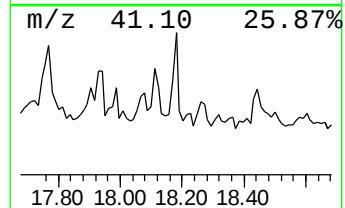
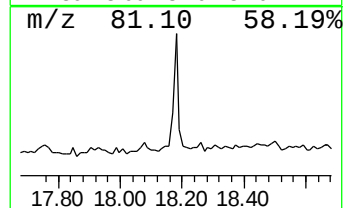
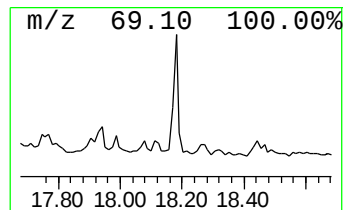
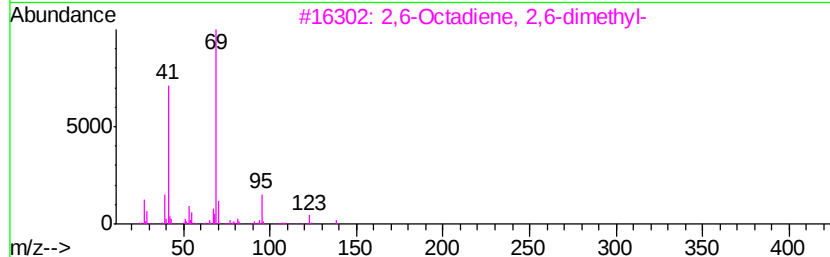
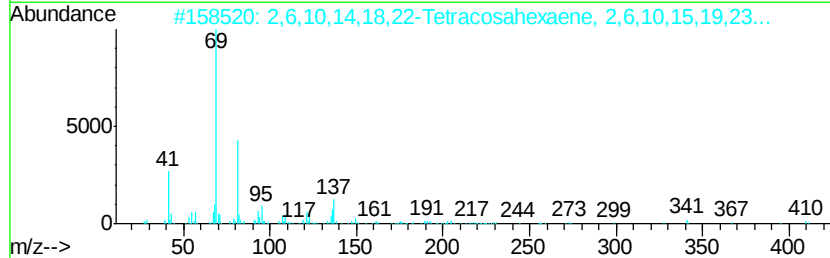
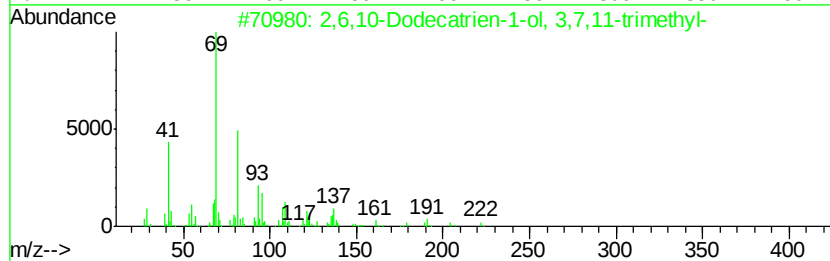
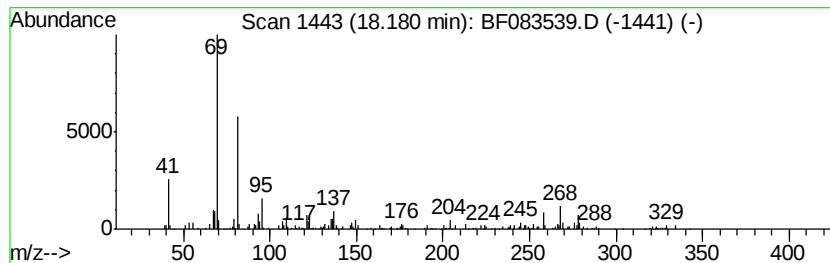
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2,6,10-Dodecatrien-1-ol, 3,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.07 ng	107591	Perylene-d12	18.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	68		
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	58		
3	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	53		
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	003790-71-4	52		
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	50		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083539.D
 Acq On : 7 Dec 2015 2:47
 Operator : UM/IZ
 Sample : G4614-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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...	3.58	27.9	ng	1708410	1	5.73	1225420	20.0
Eicosane	12.04	3.1	ng	248207	4	12.82	1595430	20.0
5H-Indeno[1,2-b]p...	13.24	2.4	ng	188953	4	12.82	1595430	20.0
Phenanthrene, 2-m...	13.64	2.7	ng	214380	4	12.82	1595430	20.0
Phenanthrene, 1-m...	13.69	3.1	ng	250220	4	12.82	1595430	20.0
4H-Cyclopenta[def...	13.80	4.2	ng	337817	4	12.82	1595430	20.0
n-Hexadecanoic acid	13.87	6.6	ng	529018	4	12.82	1595430	20.0
2-Phenylnaphthalene	14.13	3.0	ng	239275	4	12.82	1595430	20.0
Phenanthrene, 2,5...	14.55	2.3	ng	182912	4	12.82	1595430	20.0
unknown14.60	14.60	2.8	ng	223673	4	12.82	1595430	20.0
unknown14.68	14.68	2.8	ng	221311	4	12.82	1595430	20.0
Hexadecanoic acid...	15.30	4.3	ng	709390	5	17.01	3299370	20.0
Octadecane	18.11	3.3	ng	173648	6	18.65	1039220	20.0
2,6,10-Dodecatric...	18.18	2.1	ng	107591	6	18.65	1039220	20.0