

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083036.D
 Acq On : 19 Nov 2015 4:45
 Operator : UM/IZ
 Sample : G4436-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350

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-BF110715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	242	245	248	rBV	1061329	1756060	14.28%	1.064%
2	5.344	282	285	287	rBV	3062716	3451804	28.06%	2.091%
3	6.384	373	376	379	rBV	2557879	3654968	29.71%	2.214%
4	6.510	384	387	389	rBV	3169950	3604111	29.30%	2.183%
5	6.727	404	406	408	rBV	637967	737351	5.99%	0.447%
6	6.887	418	420	423	rVB	2501403	2471529	20.09%	1.497%
7	7.299	453	456	458	rBV	2297410	2170900	17.65%	1.315%
8	8.019	517	519	523	rBV2	1174596	1305740	10.62%	0.791%
9	9.105	611	614	616	rVB	3217312	3637443	29.57%	2.203%
10	9.436	640	643	644	rBV	269355	294034	2.39%	0.178%
11	9.493	646	648	651	rVB	1034594	919620	7.48%	0.557%
12	9.630	658	660	663	rVB	1290283	1074114	8.73%	0.651%
13	9.768	670	672	674	rBV2	898772	1075243	8.74%	0.651%
14	9.802	674	675	677	rVB	820825	647629	5.26%	0.392%
15	9.973	688	690	692	rVB	571963	518672	4.22%	0.314%
16	10.088	698	700	702	rBV2	215612	316200	2.57%	0.192%
17	10.316	718	720	723	rVB	905151	819046	6.66%	0.496%
18	10.385	723	726	727	rBV	225083	303286	2.47%	0.184%
19	10.476	733	734	737	rVB2	362646	385964	3.14%	0.234%
20	10.556	739	741	743	rVB2	1763524	2033846	16.53%	1.232%
21	10.693	750	753	756	rVB2	291879	522437	4.25%	0.316%
22	10.865	764	768	769	rBV2	304416	468419	3.81%	0.284%
23	11.013	777	781	784	rBV4	294138	750658	6.10%	0.455%
24	11.059	784	785	787	rVB	546410	440407	3.58%	0.267%
25	11.105	787	789	791	rBV2	244971	323840	2.63%	0.196%
26	11.151	791	793	797	rVB2	544324	775913	6.31%	0.470%
27	11.288	799	805	807	rBV	6374548	7956069	64.68%	4.820%
28	11.333	807	809	810	rVB	2348161	1868286	15.19%	1.132%
29	11.368	810	812	813	rVB2	258002	290156	2.36%	0.176%
30	11.482	820	822	824	rVV	688880	644149	5.24%	0.390%
31	11.585	829	831	833	rVB2	462750	418091	3.40%	0.253%
32	11.756	843	846	847	rBV	1558789	1478338	12.02%	0.896%
33	11.791	847	849	851	rVB	1751765	1928904	15.68%	1.168%
34	11.836	851	853	854	rBV	714354	781876	6.36%	0.474%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.871	854	856	860	rVB2	2525899	3661556	29.77%	2.218%
36	11.985	860	866	868	rBV6	227557	758123	6.16%	0.459%
37	12.054	868	872	873	rBV	1089045	1168147	9.50%	0.708%
38	12.076	873	874	877	rVB2	1080253	1094386	8.90%	0.663%
39	12.202	882	885	886	rBV2	530619	741772	6.03%	0.449%
40	12.236	886	888	892	rVB	532763	1043693	8.48%	0.632%
41	12.305	892	894	896	rBV	1180130	1806036	14.68%	1.094%
42	12.339	896	897	901	rVV2	661435	1289785	10.49%	0.781%
43	12.396	901	902	905	rVB2	943461	1162059	9.45%	0.704%
44	12.488	905	910	911	rBV	7731525	11419512	92.84%	6.918%
45	12.534	911	914	915	rVV2	342174	611703	4.97%	0.371%
46	12.556	915	916	919	rVB	406378	545107	4.43%	0.330%
47	12.614	919	921	922	rBV	908546	870132	7.07%	0.527%
48	12.636	922	923	926	rVV2	166877	359313	2.92%	0.218%
49	12.716	926	930	931	rVV2	7067544	12300756	100.00%	7.451%
50	12.762	931	934	936	rVB2	473333	872957	7.10%	0.529%
51	12.819	936	939	940	rBV	703161	1124046	9.14%	0.681%
52	12.842	940	941	945	rVB2	2603771	2732928	22.22%	1.656%
53	12.922	945	948	951	rBV3	1125237	2020593	16.43%	1.224%
54	13.025	951	957	959	rVB2	1771411	3217645	26.16%	1.949%
55	13.094	959	963	964	rBV	1154635	1401043	11.39%	0.849%
56	13.128	964	966	970	rVV2	1701321	2288591	18.61%	1.386%
57	13.185	970	971	972	rVV	350007	373546	3.04%	0.226%
58	13.219	972	974	975	rVV	1070889	1052259	8.55%	0.637%
59	13.254	975	977	979	rVV	1025295	1222548	9.94%	0.741%
60	13.322	982	983	988	rVB4	214336	445565	3.62%	0.270%
61	13.448	988	994	995	rBV3	467093	1423592	11.57%	0.862%
62	13.528	997	1001	1004	rVV2	1017938	1968009	16.00%	1.192%
63	13.642	1008	1011	1012	rVV	1495699	1843712	14.99%	1.117%
64	13.665	1012	1013	1015	rVV	925106	1580751	12.85%	0.958%
65	13.745	1018	1020	1022	rVV	1198296	1524535	12.39%	0.924%
66	13.814	1024	1026	1027	rVV	236295	349406	2.84%	0.212%
67	13.894	1029	1033	1035	rVV2	4652870	8863109	72.05%	5.369%
68	13.928	1035	1036	1039	rVV	3983691	4774512	38.81%	2.892%
69	13.997	1040	1042	1044	rVV2	494291	1080675	8.79%	0.655%
70	14.042	1044	1046	1048	rVV2	466514	1167777	9.49%	0.707%
71	14.111	1051	1052	1054	rVV2	518858	827704	6.73%	0.501%

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72	14.145	1054	1055	1059	rVV2	350001	686483	5.58%	0.416%
73	14.214	1059	1061	1062	rVV2	264022	391555	3.18%	0.237%
74	14.248	1062	1064	1065	rVV	331109	572145	4.65%	0.347%
75	14.282	1065	1067	1068	rVV	1499232	1654936	13.45%	1.003%
76	14.317	1068	1070	1072	rVV2	1001300	1191742	9.69%	0.722%
77	14.374	1072	1075	1076	rVV3	639849	1079977	8.78%	0.654%
78	14.408	1076	1078	1081	rVV3	749405	1482903	12.06%	0.898%
79	14.477	1081	1084	1087	rVB2	413510	646052	5.25%	0.391%
80	14.580	1091	1093	1094	rBV	398964	504932	4.10%	0.306%
81	14.751	1105	1108	1112	rBV3	437780	850559	6.91%	0.515%
82	14.922	1119	1123	1127	rBV	3095681	7467960	60.71%	4.524%
83	15.002	1128	1130	1132	rVV	825334	870371	7.08%	0.527%
84	15.082	1135	1137	1140	rBV2	196751	546548	4.44%	0.331%
85	15.185	1143	1146	1149	rVV	1832372	2645377	21.51%	1.602%
86	15.254	1149	1152	1153	rVV	2129865	3376963	27.45%	2.046%
87	15.288	1153	1155	1157	rVV	346361	675834	5.49%	0.409%
88	15.322	1157	1158	1161	rVB2	805985	970163	7.89%	0.588%
89	15.494	1171	1173	1176	rVB2	206414	325154	2.64%	0.197%
90	16.317	1242	1245	1252	rVB5	196939	683142	5.55%	0.414%
91	16.443	1252	1256	1257	rBV2	212207	436265	3.55%	0.264%
92	16.625	1267	1272	1275	rBV	1022689	2172301	17.66%	1.316%
93	16.774	1281	1285	1287	rBV2	225193	478779	3.89%	0.290%
94	16.820	1287	1289	1292	rBV2	173216	322862	2.62%	0.196%
95	17.025	1302	1307	1314	rVB	748195	1695805	13.79%	1.027%
96	17.220	1321	1324	1331	rVB2	214143	578542	4.70%	0.350%
97	18.054	1394	1397	1404	rVB4	98079	336549	2.74%	0.204%
98	19.026	1478	1482	1489	rVB2	221817	799735	6.50%	0.484%
99	19.197	1493	1497	1501	rBV	113831	379474	3.08%	0.230%
100	20.123	1575	1578	1584	rVB	142361	444003	3.61%	0.269%

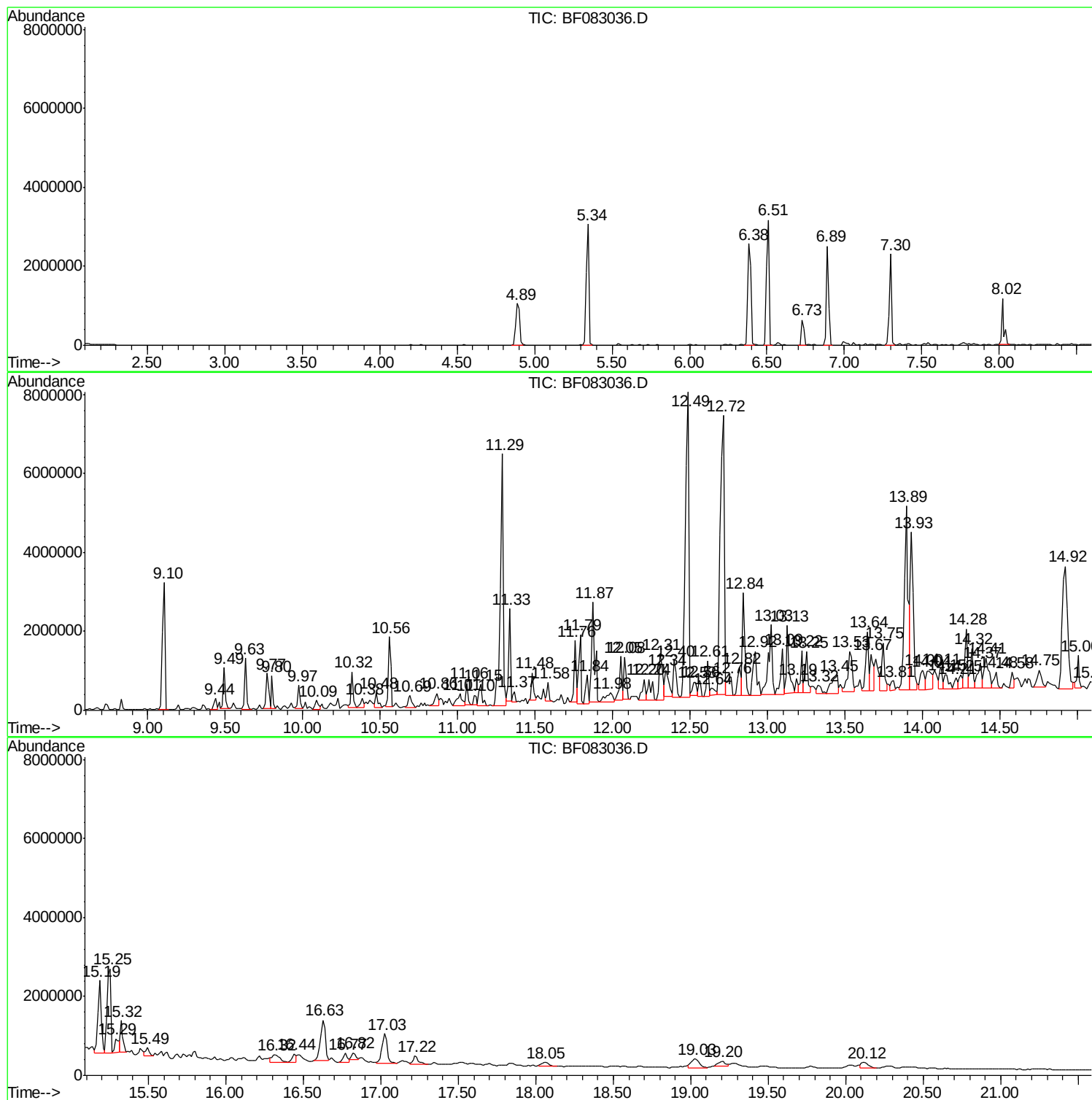
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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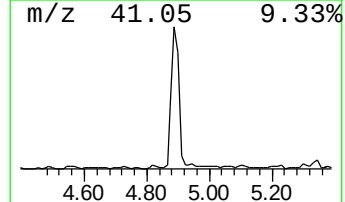
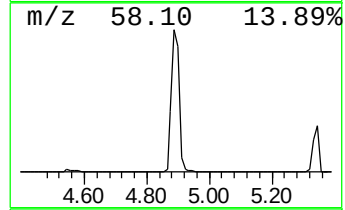
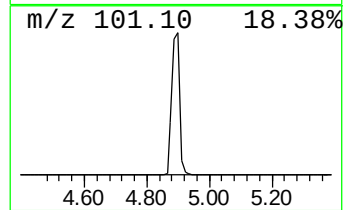
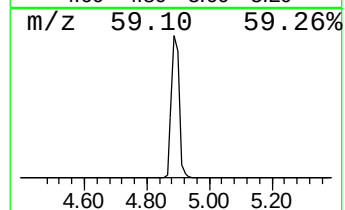
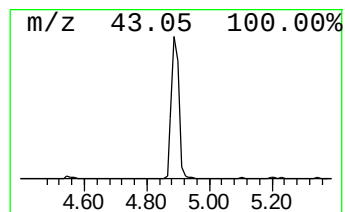
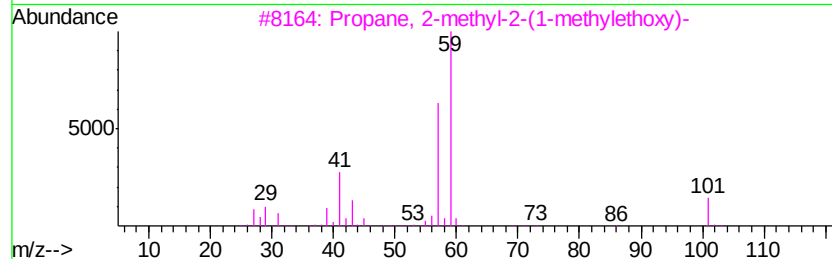
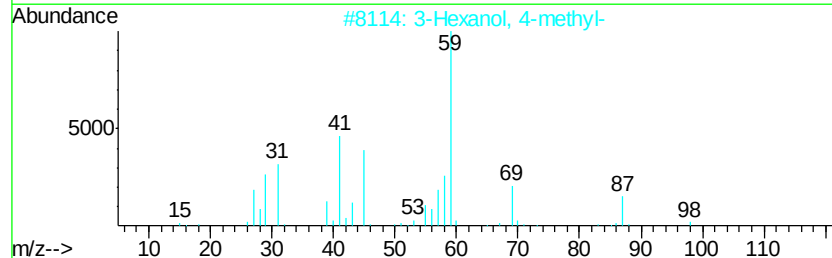
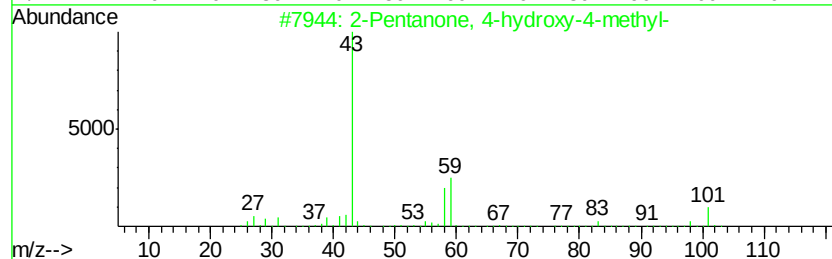
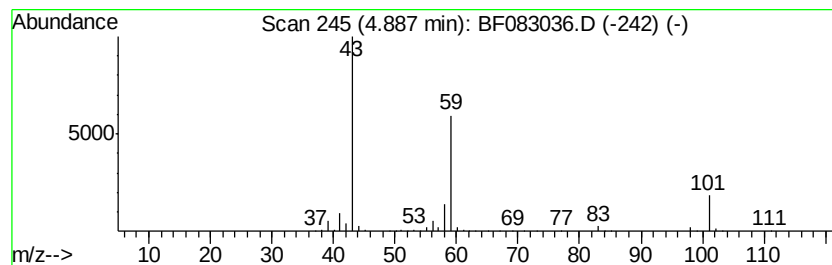
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	47.63 ng	1756060	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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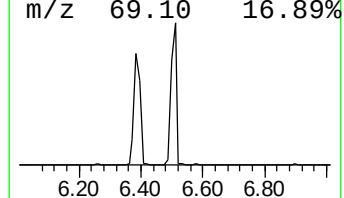
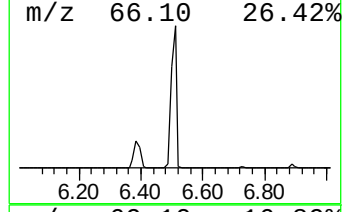
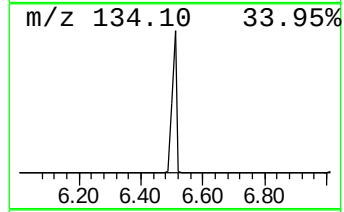
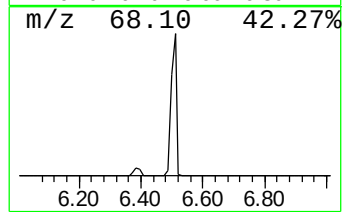
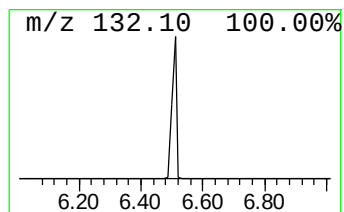
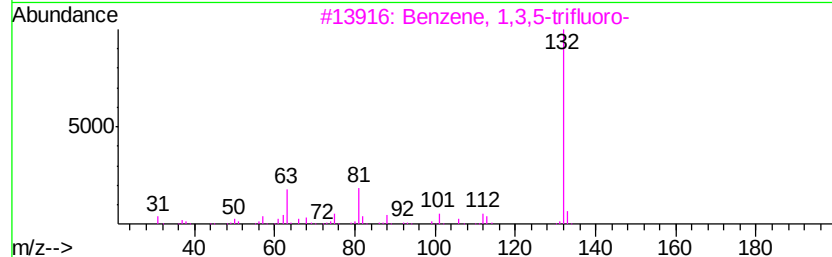
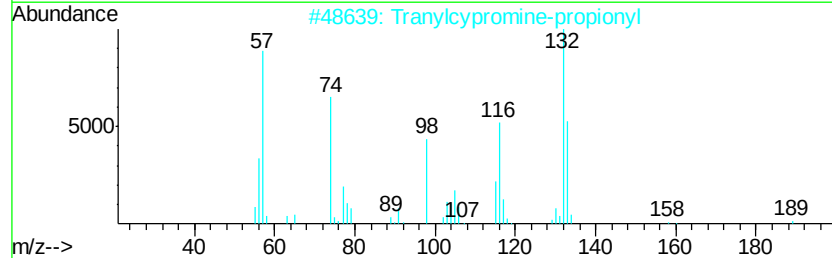
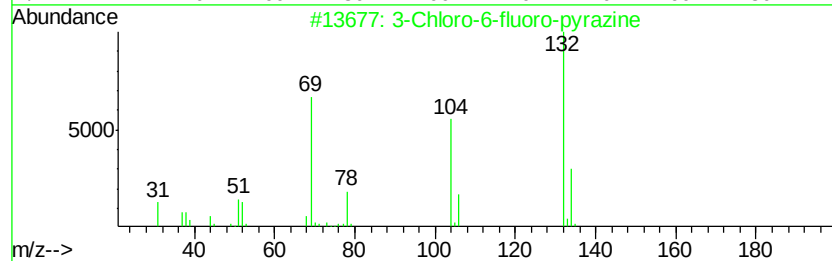
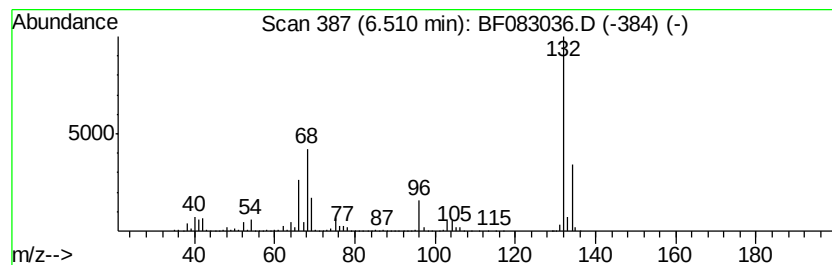
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	97.76 ng	3604110	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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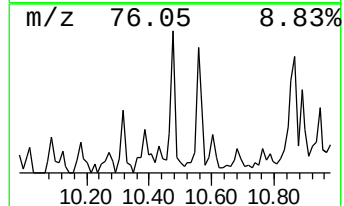
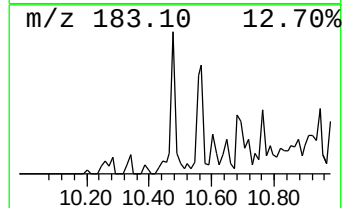
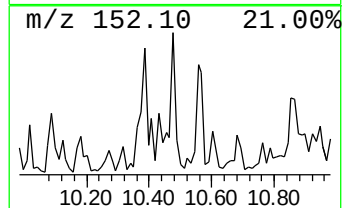
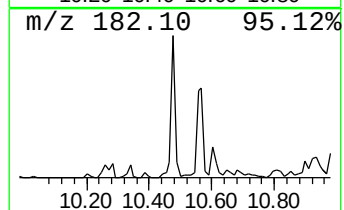
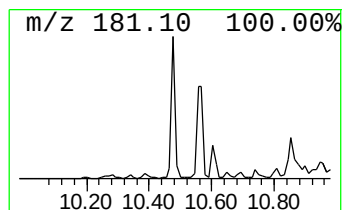
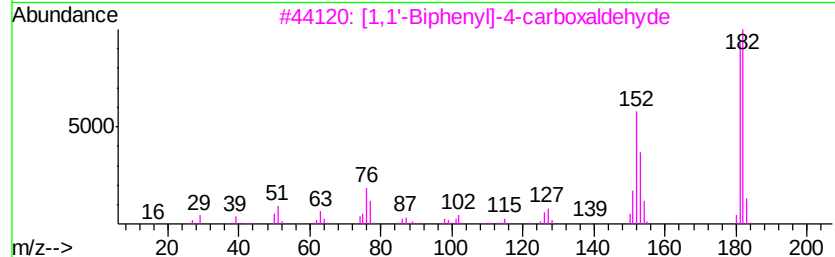
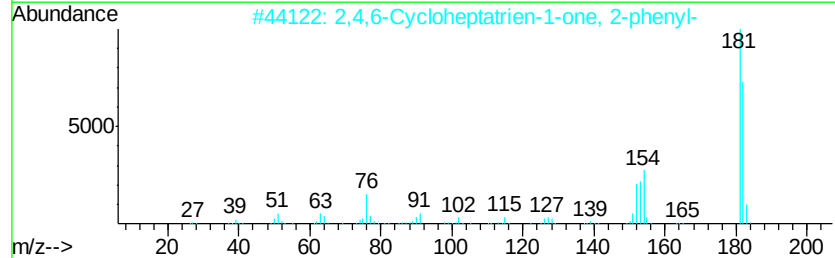
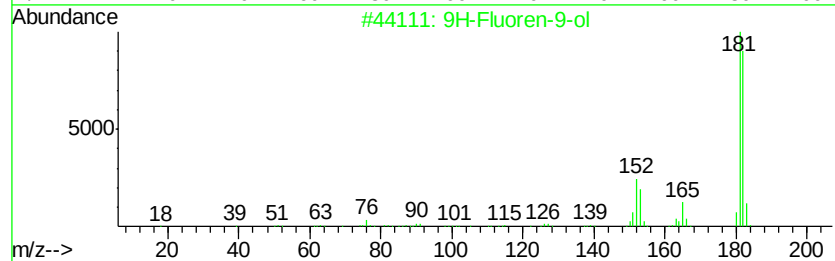
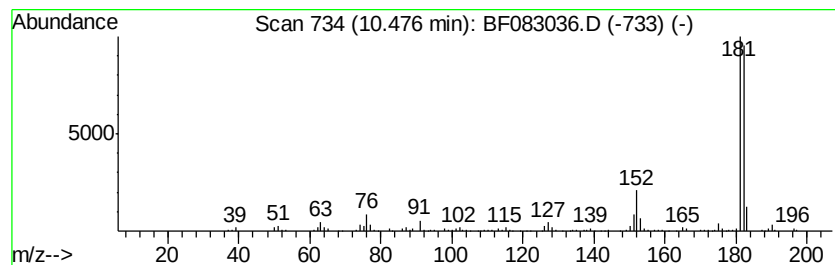
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Peak Number 4 9H-Fluoren-9-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	7.18 ng	385964	Acenaphthene-d10	9.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluoren-9-ol	182 C13H10O	001689-64-1	78
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182 C13H10O	014562-09-5	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8	72
4	3-(2-Naphthyl)acrylaldehyde	182 C13H10O	020884-05-3	64
5	Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083036.D
Acq On : 19 Nov 2015 4:45
Operator : UM/IZ
Sample : G4436-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PM-1350

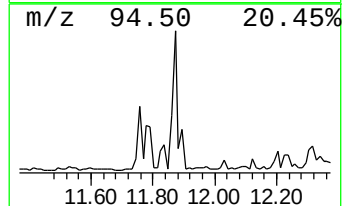
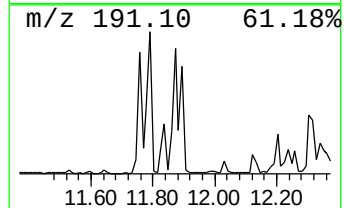
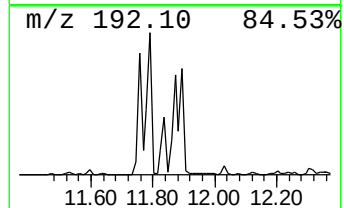
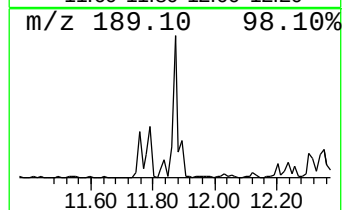
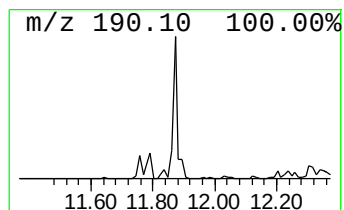
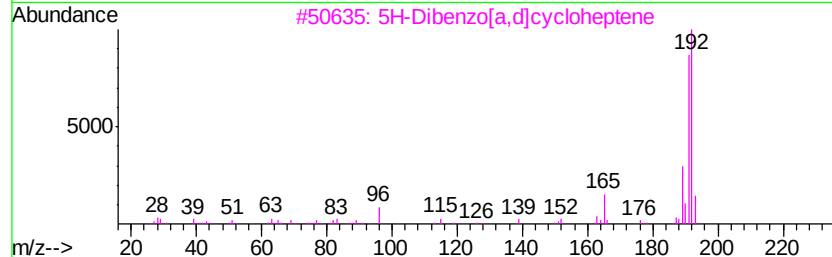
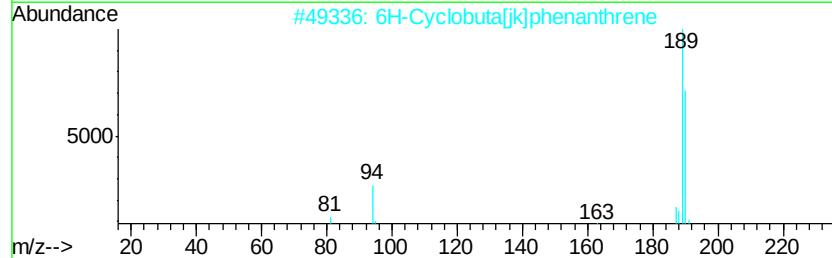
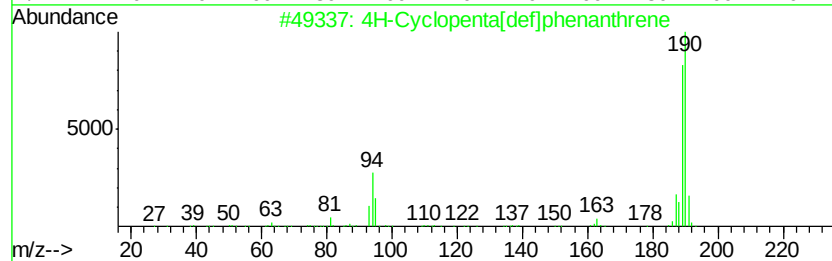
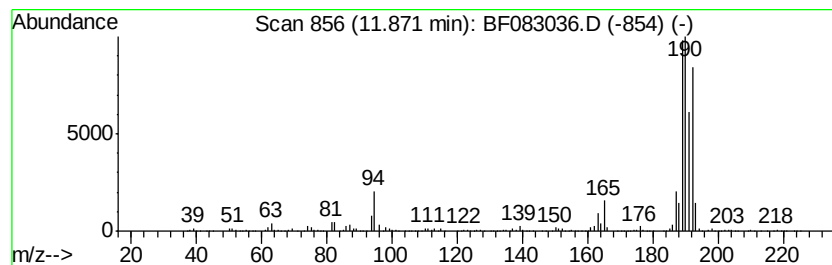
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	9.20 ng	3661560	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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Acq On : 19 Nov 2015 4:45
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Misc :
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Instrument :
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ClientSampleId :
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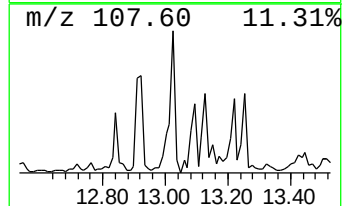
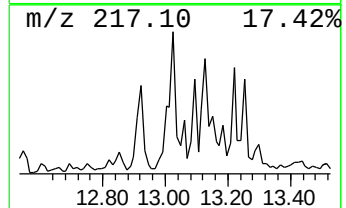
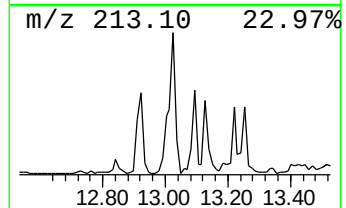
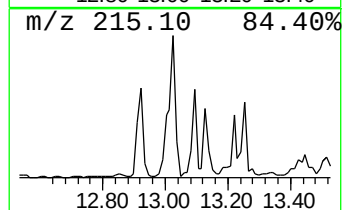
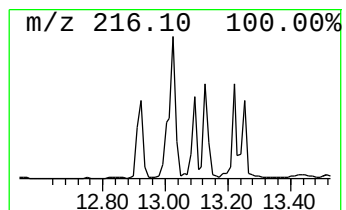
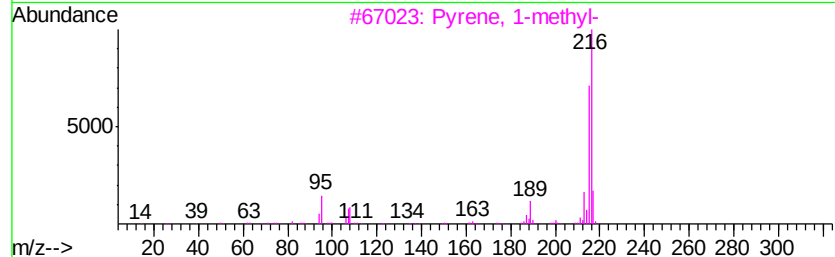
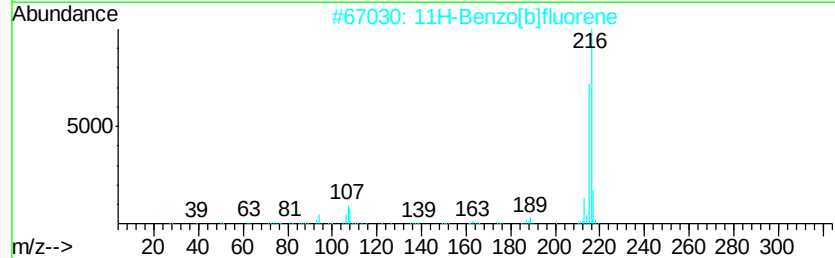
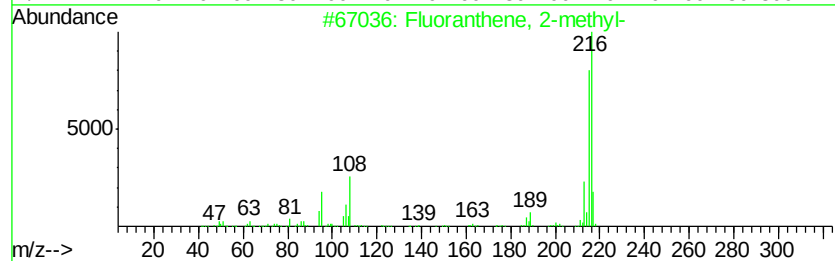
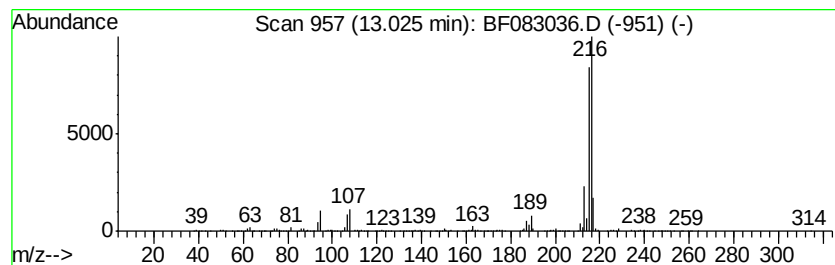
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	7.26 ng	3217650	Chrysene-d12	13.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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Acq On : 19 Nov 2015 4:45
Operator : UM/IZ
Sample : G4436-01
Misc :
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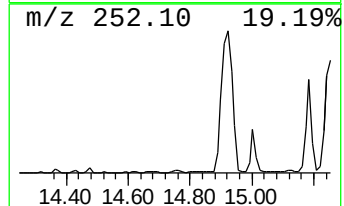
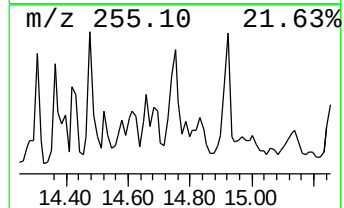
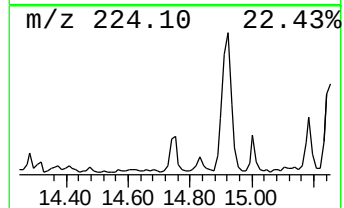
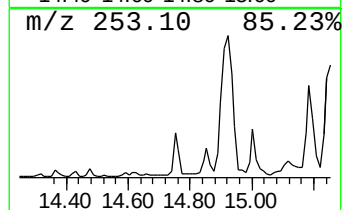
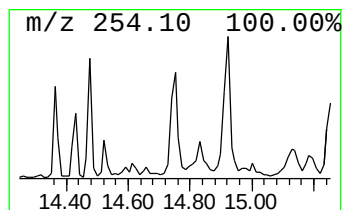
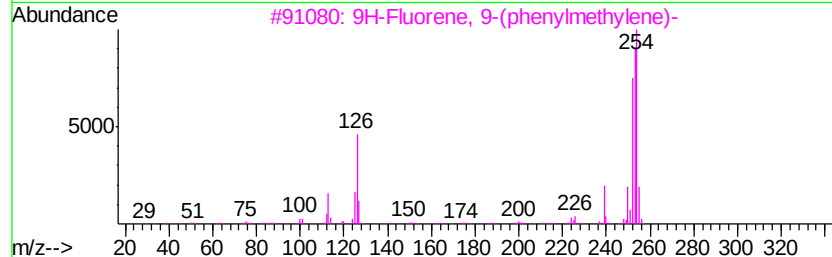
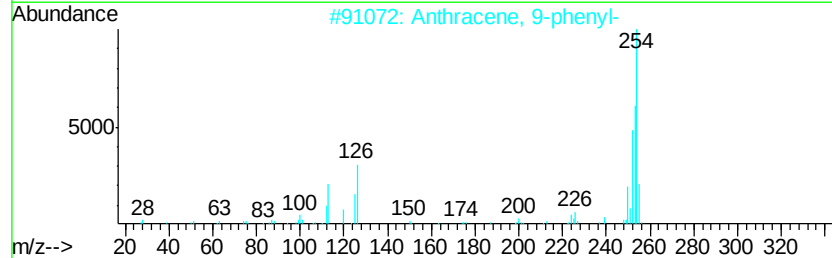
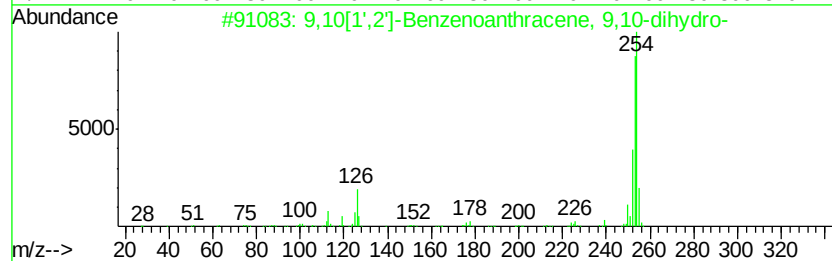
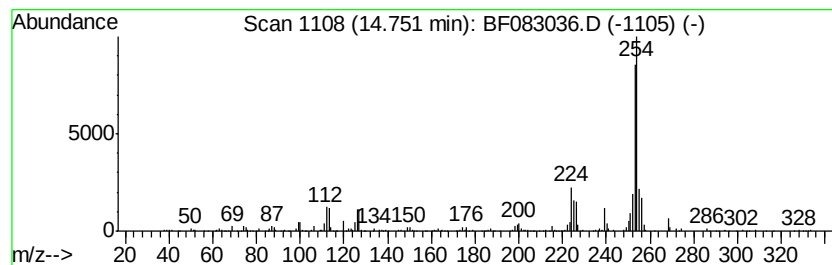
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,10[1',2']-Benzenoanthracene... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.75	25.17 ng	850559	Perylene-d12	15.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	81	
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	74	
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	74	
4	1,2'-Binaphthalene	254	C20H14	004325-74-0	74	
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	74	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083036.D
Acq On : 19 Nov 2015 4:45
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ClientSampleId :
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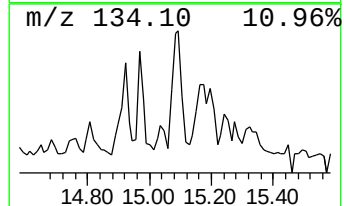
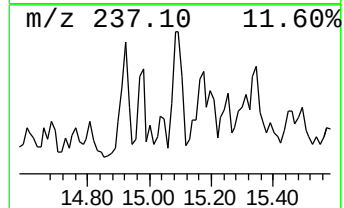
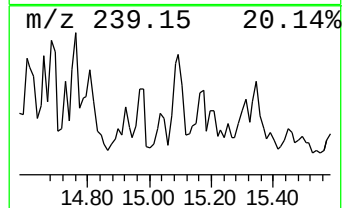
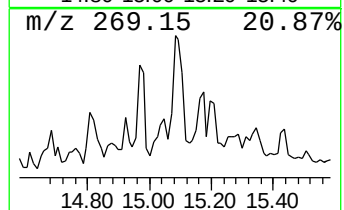
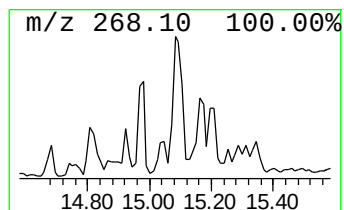
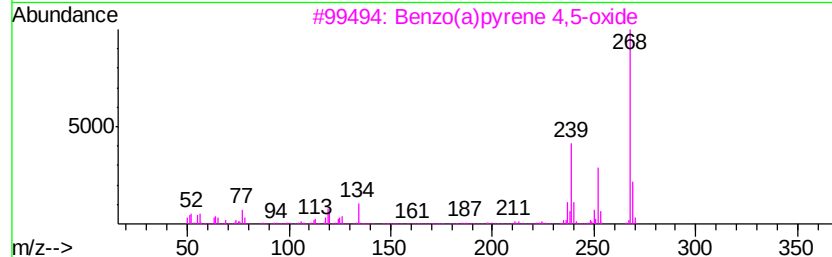
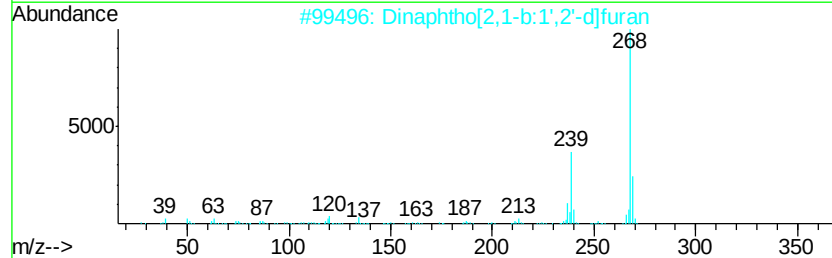
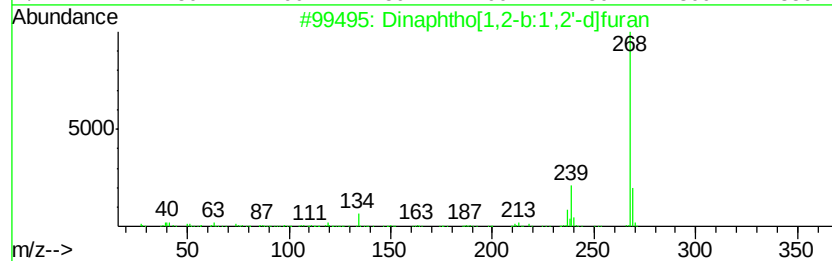
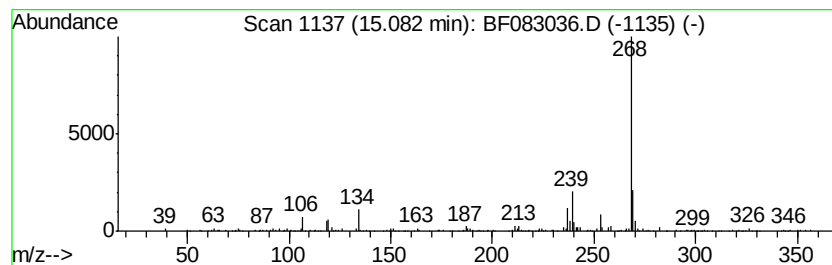
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	16.17 ng	546548	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	94
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	86
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	80
4		Diethylstilbestrol	268	C18H20O2	000056-53-1	64
5		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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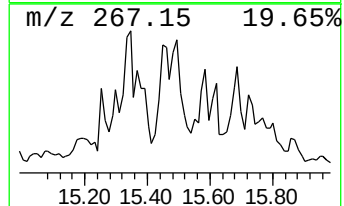
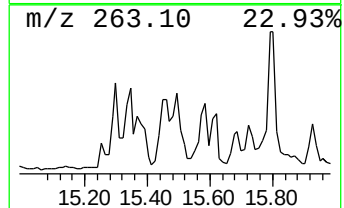
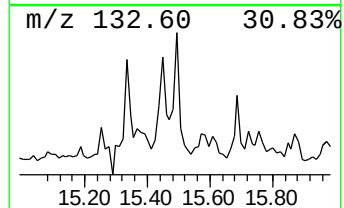
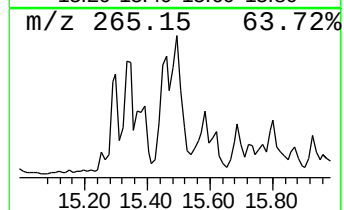
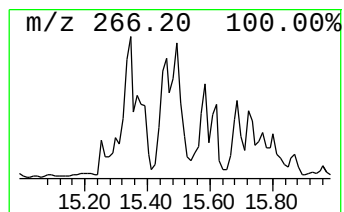
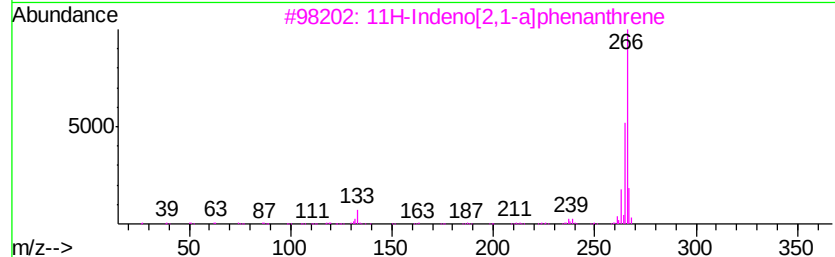
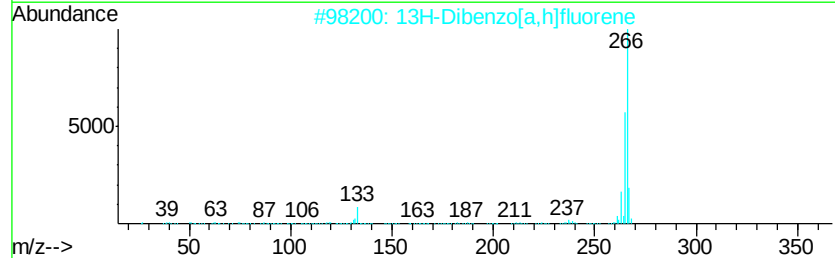
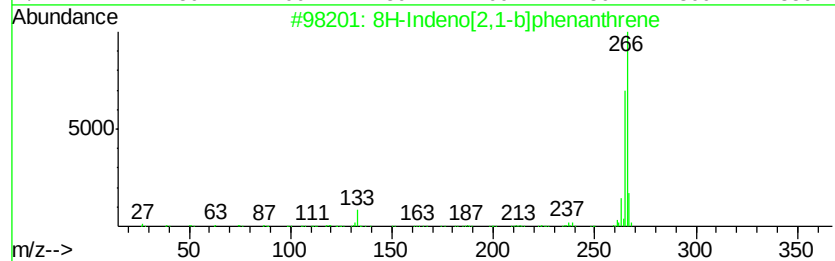
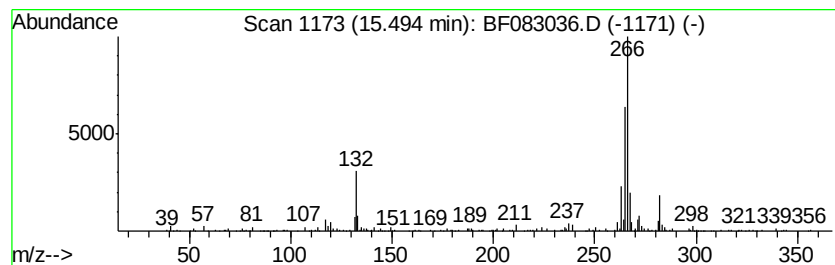
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 8H-Indeno[2,1-b]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.49	9.62 ng	325154	Perylene-d12	15.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	76	
2	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	70	
3	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	70	
4	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	64	
5	1-Benzothieno[3,2-f]quinazoline-...	266	C14H10N4S	065642-92-4	58	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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Acq On : 19 Nov 2015 4:45
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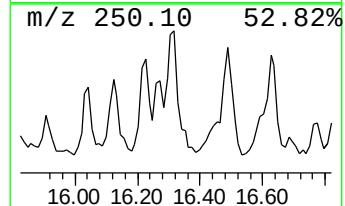
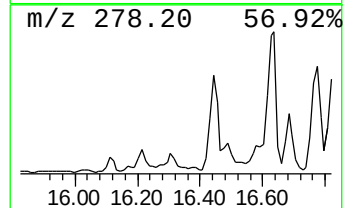
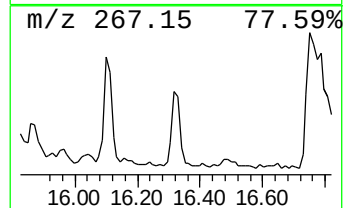
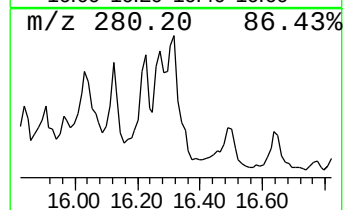
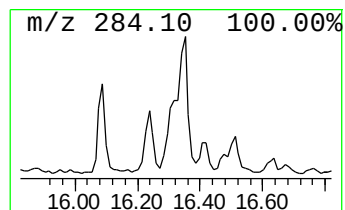
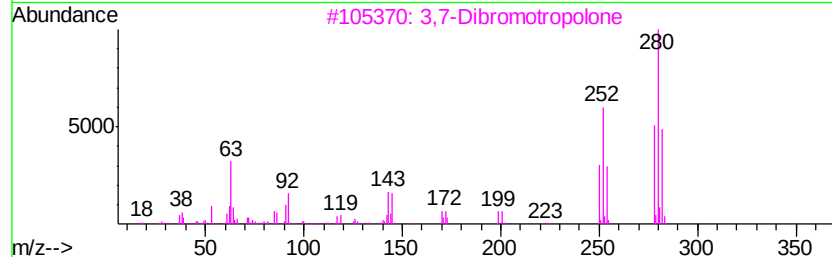
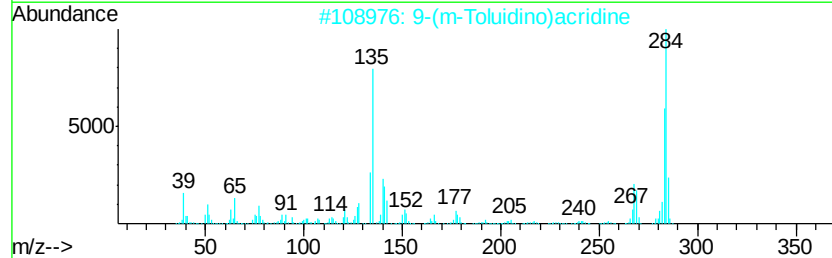
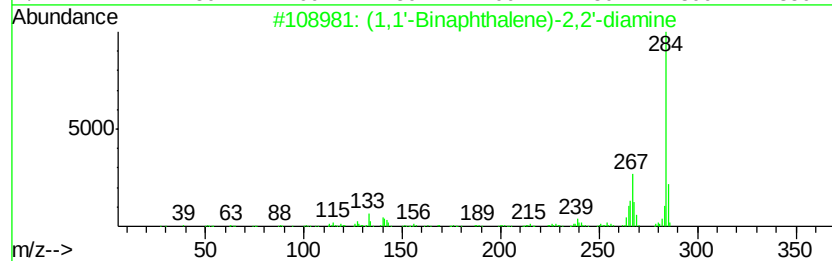
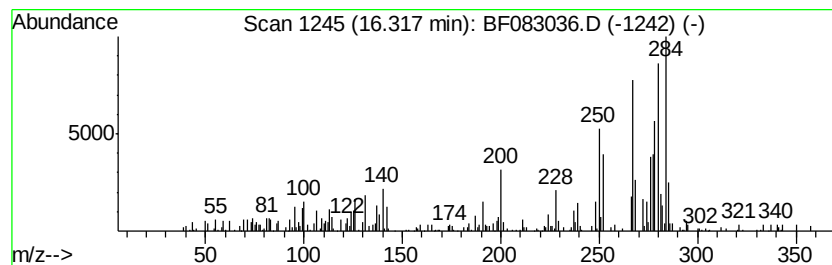
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown16.32 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	20.22 ng	683142	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1,1'-Binaphthalene)-2,2'-diamine	284	C20H16N2	004488-22-6	30
2		9-(m-Toluidino)acridine	284	C20H16N2	080260-72-6	25
3		3,7-Dibromotropolone	278	C7H4Br2O2	004636-41-3	18
4		9-(o-Toluidino)acridine	284	C20H16N2	080266-77-9	11
5		Benzo[a]phenazine-9,10-dicarboni...	280	C18H8N4	1000276-19-4	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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Acq On : 19 Nov 2015 4:45
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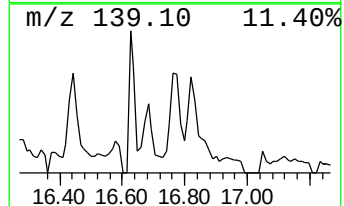
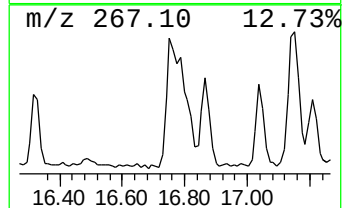
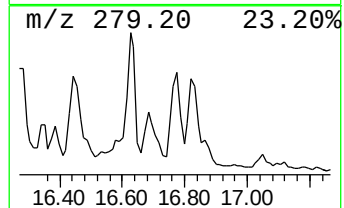
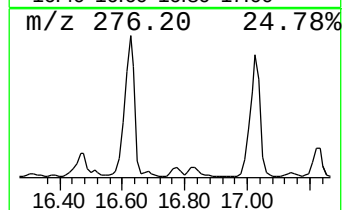
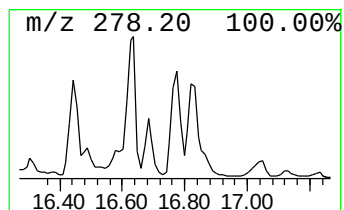
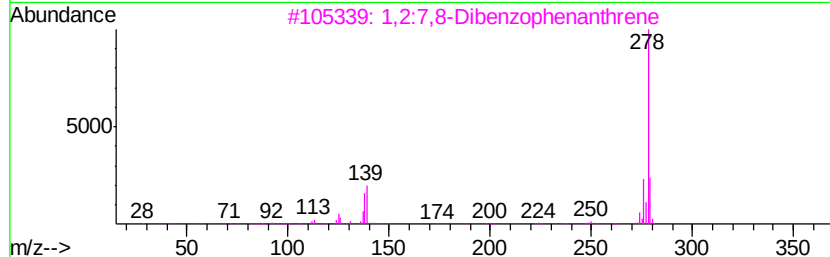
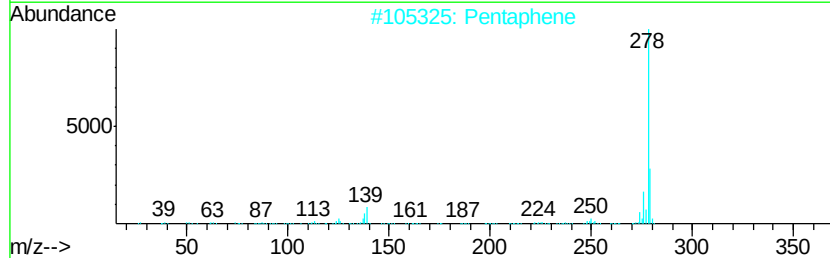
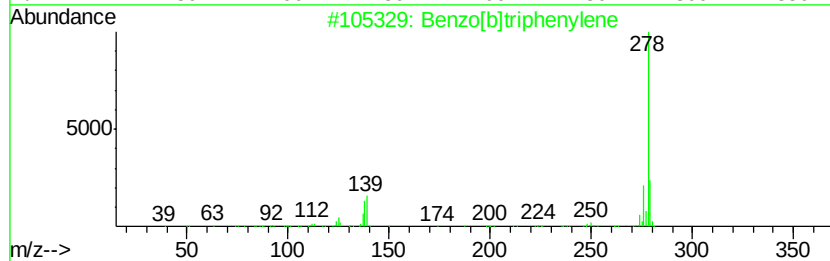
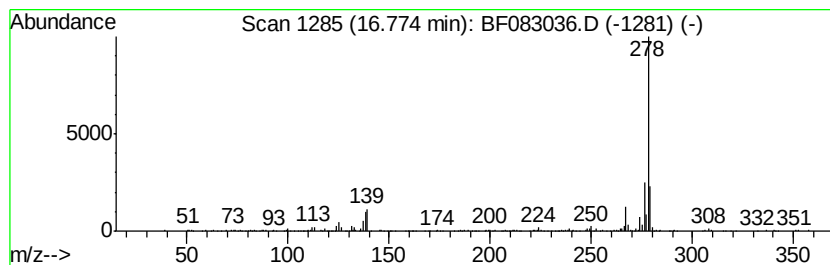
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	14.17 ng	478779	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2		Pentaphene	278	C22H14	000222-93-5	97
3		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	94
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083036.D
Acq On : 19 Nov 2015 4:45
Operator : UM/IZ
Sample : G4436-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PM-1350

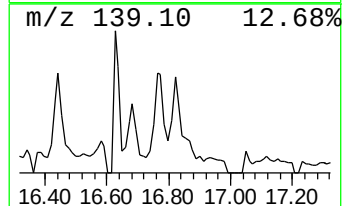
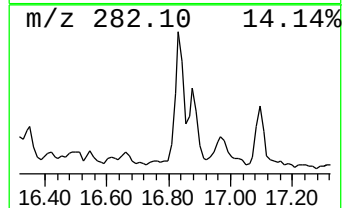
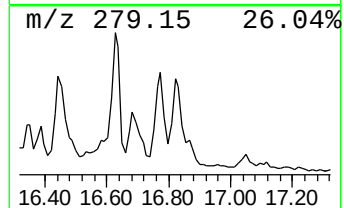
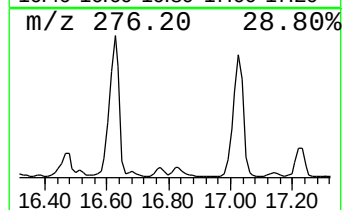
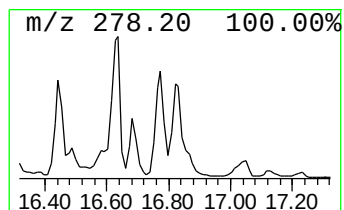
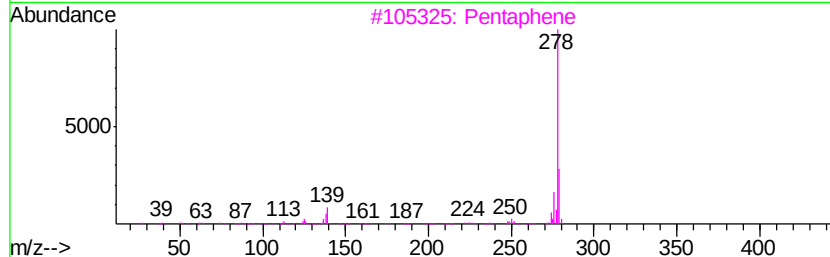
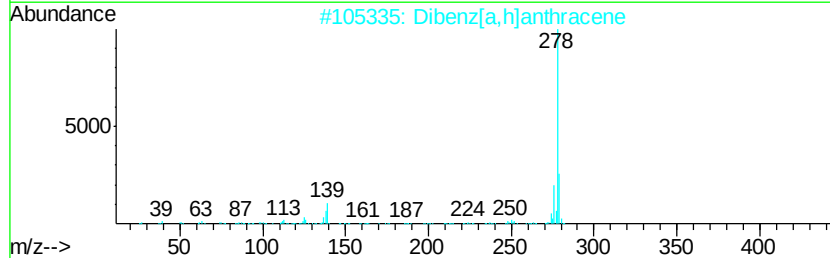
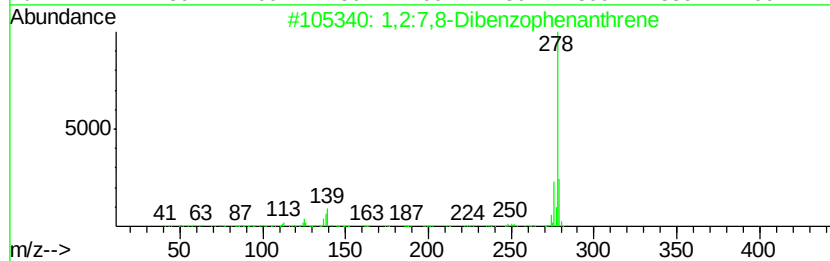
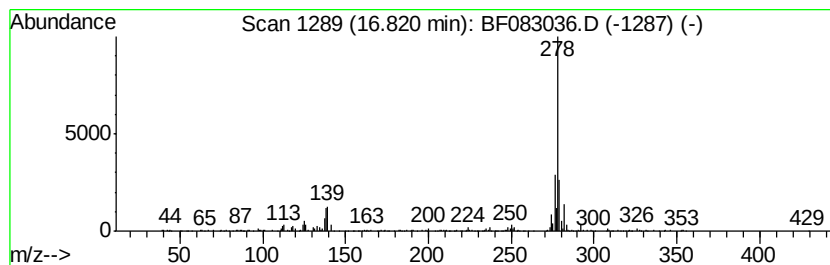
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,2:7,8-Dibenzophenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	9.55 ng	322862	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
3		Pentaphene	278	C22H14	000222-93-5	96
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	96
5		Pentacene	278	C22H14	000135-48-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083036.D
Acq On : 19 Nov 2015 4:45
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Sample : G4436-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PM-1350

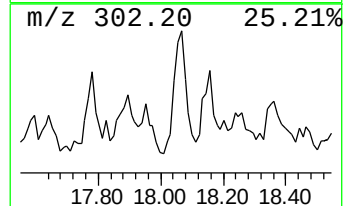
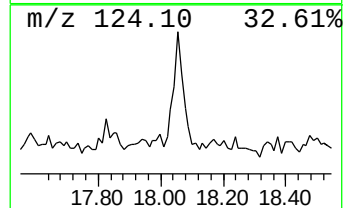
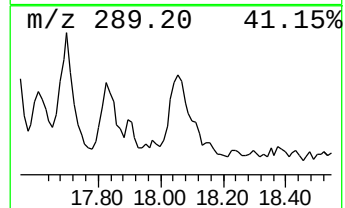
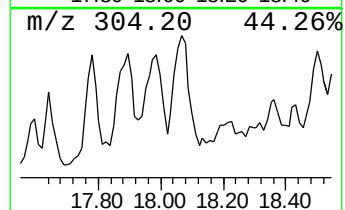
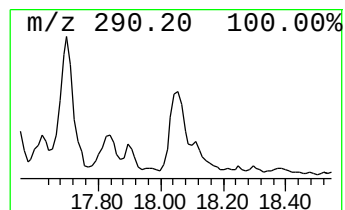
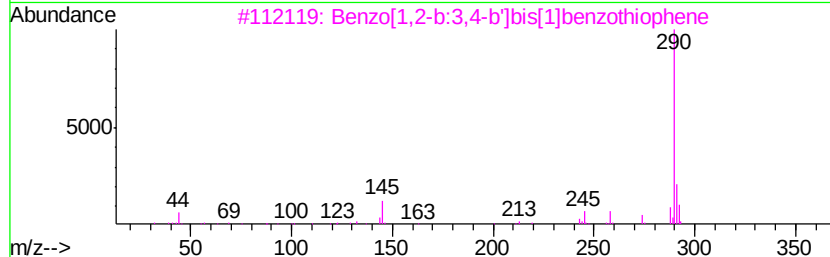
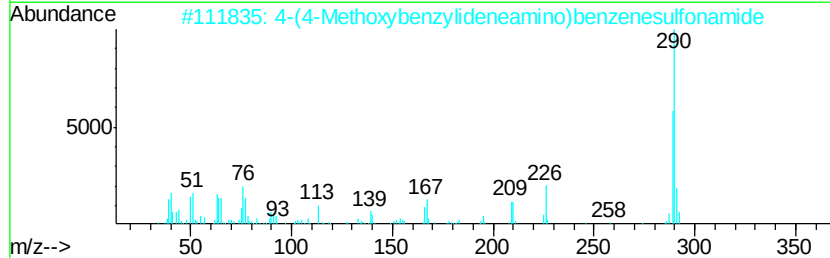
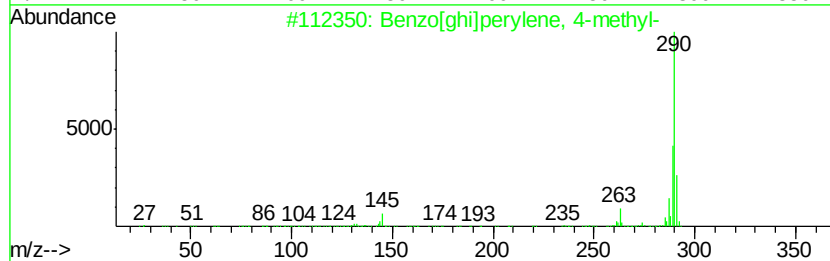
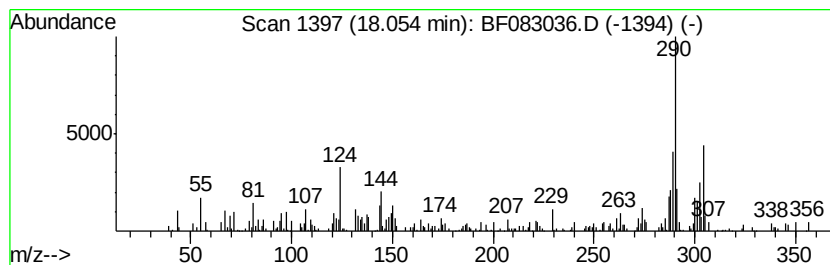
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown18.05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	9.96 ng	336549	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[ghi]perylene, 4-methyl-	290	C23H14	019224-38-5	43
2		4-(4-Methoxybenzylideneamino)ben...	290	C14H14N2O3S	066667-56-9	38
3		Benzo[1,2-b:3,4-b']bis[1]benzoth...	290	C18H10S2	000198-89-0	38
4		2-(4-Methoxy-phenyl)-1,2-dihydro...	290	C18H14N2O2	1000193-55-3	30
5		6-Trifluoromethylphenanthrene-1-...	290	C16H9F3O2	1000254-01-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083036.D
Acq On : 19 Nov 2015 4:45
Operator : UM/IZ
Sample : G4436-01
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Instrument :
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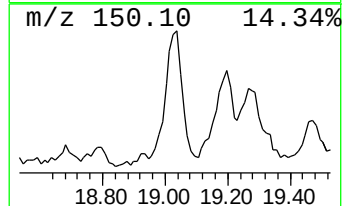
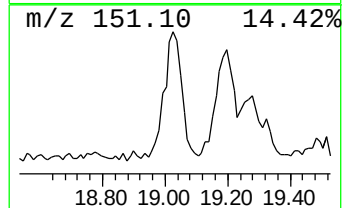
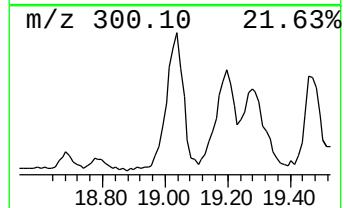
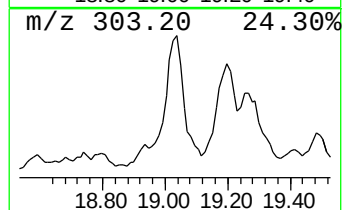
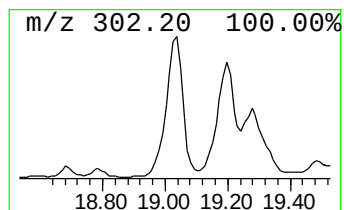
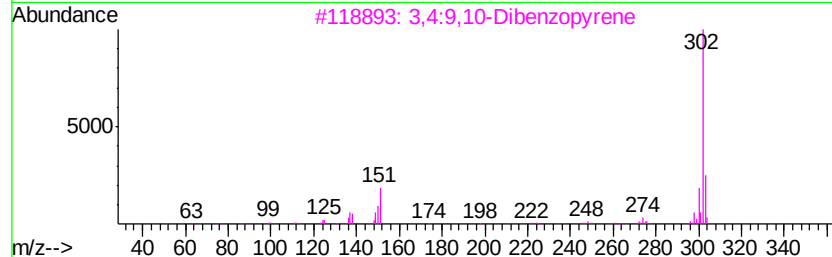
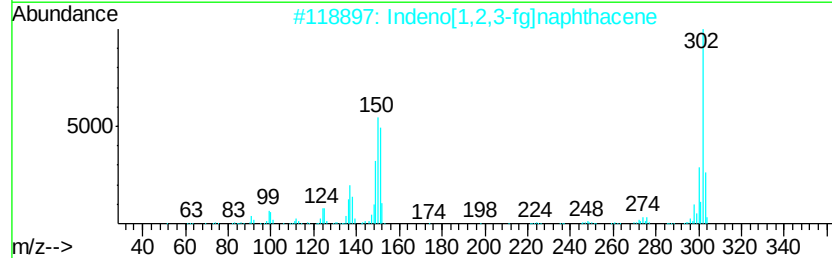
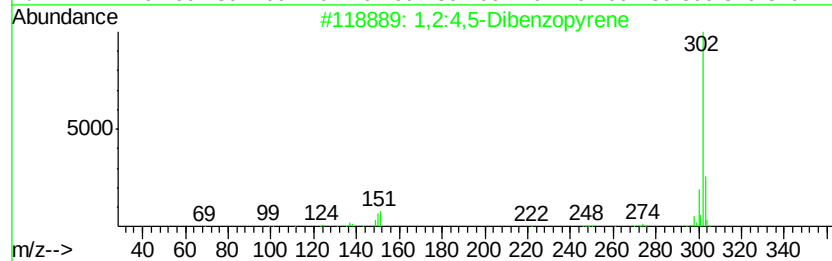
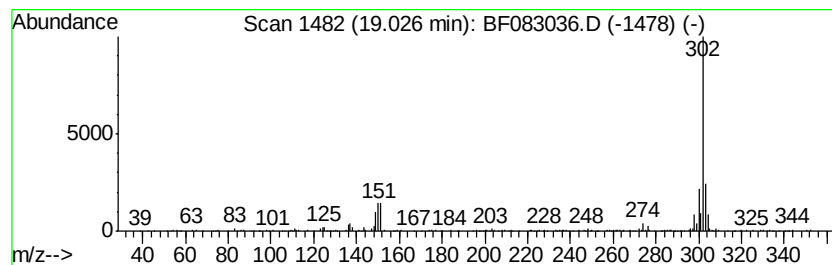
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,2:4,5-Dibenzopyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	23.67 ng	799735	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
2		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	91
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	91
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	91
5		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083036.D
Acq On : 19 Nov 2015 4:45
Operator : UM/IZ
Sample : G4436-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

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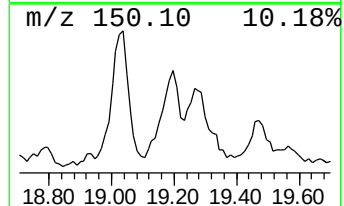
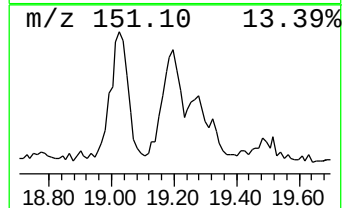
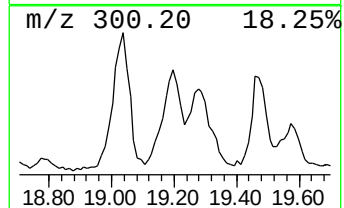
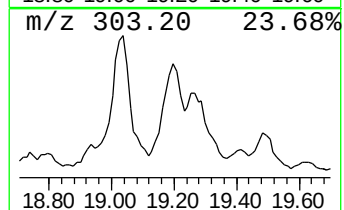
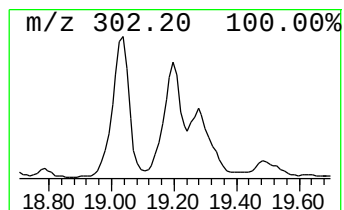
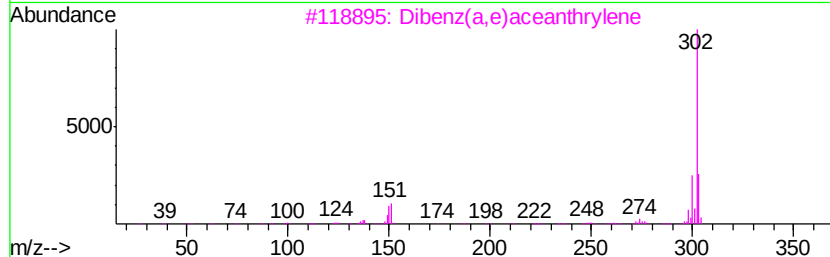
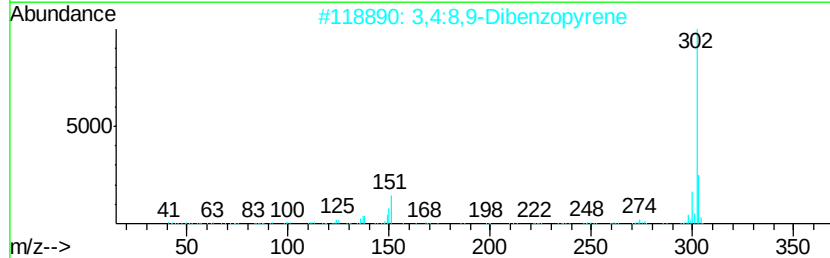
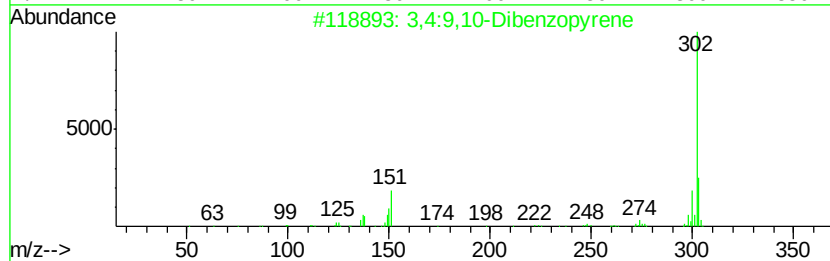
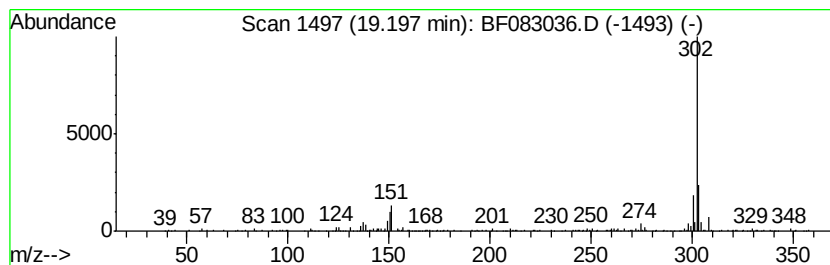
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,4:9,10-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	11.23 ng	379474	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	98
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	97
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	90
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	90
5		Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083036.D
Acq On : 19 Nov 2015 4:45
Operator : UM/IZ
Sample : G4436-01
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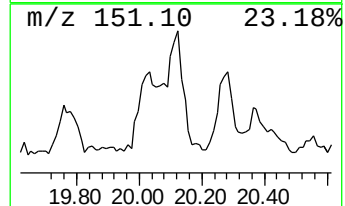
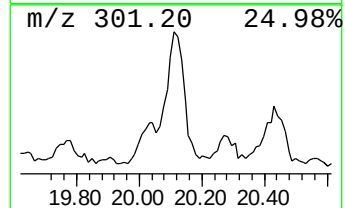
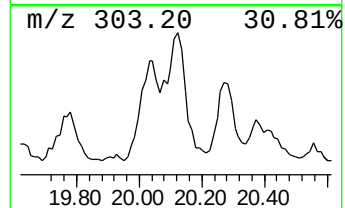
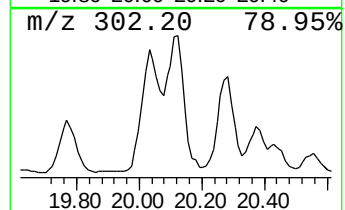
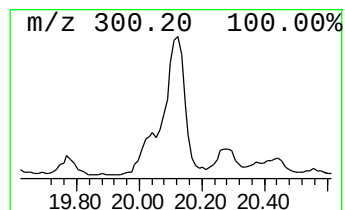
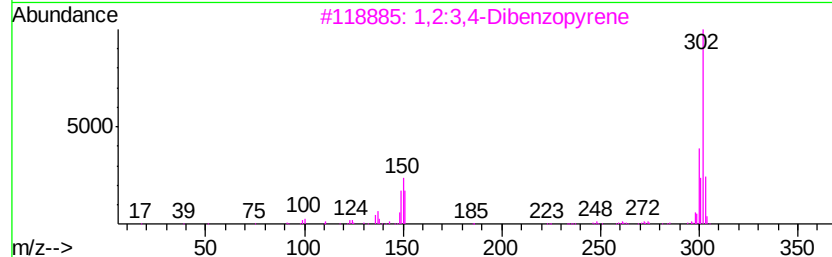
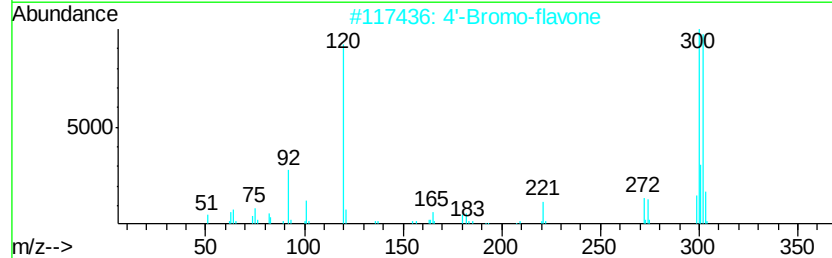
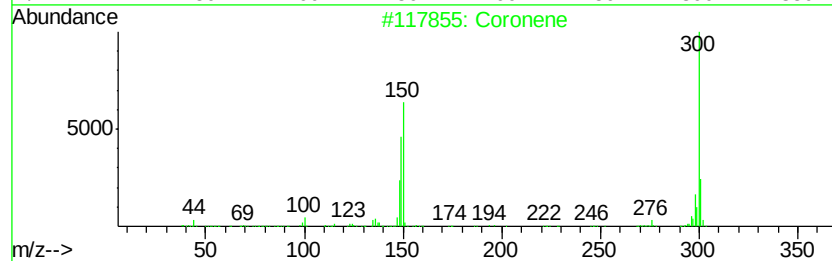
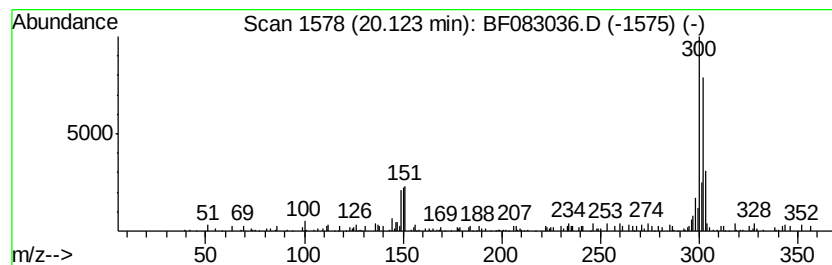
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	13.14 ng	444003	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	52
2		4'-Bromo-flavone	300	C15H9BrO2	020525-20-6	50
3		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	43
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	43
5		5.alpha.-Pregnan-20-one, 12.beta...	360	C23H36O3	003002-93-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083036.D
 Acq On : 19 Nov 2015 4:45
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 Sample : G4436-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.51	6.51	97.8	ng	3604110	1	6.73	737351	20.0
9H-Fluoren-9-ol	10.48	7.2	ng	385964	3	9.77	1075240	20.0
4H-Cyclopenta[def...	11.87	9.2	ng	3661560	4	11.25	7956070	20.0
Fluoranthene, 2-m...	13.03	7.3	ng	3217650	5	13.91	8863110	20.0
9,10[1',2']-Benze...	14.75	25.2	ng	850559	6	15.29	675834	20.0
Dinaphtho[1,2-b:1...	15.08	16.2	ng	546548	6	15.29	675834	20.0
8H-Indeno[2,1-b]p...	15.49	9.6	ng	325154	6	15.29	675834	20.0
unknown16.32	16.32	20.2	ng	683142	6	15.29	675834	20.0
Benzo[b]triphenylene	16.77	14.2	ng	478779	6	15.29	675834	20.0
1,2:7,8-Dibenzoph...	16.82	9.6	ng	322862	6	15.29	675834	20.0
unknown18.05	18.05	10.0	ng	336549	6	15.29	675834	20.0
1,2:4,5-Dibenzopy...	19.03	23.7	ng	799735	6	15.29	675834	20.0
3,4:9,10-Dibenzop...	19.20	11.2	ng	379474	6	15.29	675834	20.0
Coronene	20.12	13.1	ng	444003	6	15.29	675834	20.0