

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081036.D
 Acq On : 18 Aug 2015 8:28
 Operator : UM/IZ
 Sample : G3239-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

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-BF081715.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	4.033	176	179	183	rBV	49450	67888	2.81%	0.158%
2	4.764	240	243	246	rBV	845709	1619996	67.02%	3.764%
3	5.210	279	282	285	rBV	1483445	1795414	74.28%	4.172%
4	5.621	316	318	321	rVB	59445	56449	2.34%	0.131%
5	6.284	372	376	378	rBV	1510823	2170294	89.79%	5.043%
6	6.399	383	386	388	rBV	1966669	1993456	82.47%	4.632%
7	6.627	404	406	408	rBV	501138	415160	17.18%	0.965%
8	6.787	417	420	422	rBV	1557411	1507394	62.36%	3.502%
9	7.199	453	456	458	rBV	1309163	1277964	52.87%	2.969%
10	7.919	516	519	522	rVB	412194	625523	25.88%	1.453%
11	8.627	578	581	583	rBV	94763	78650	3.25%	0.183%
12	8.719	587	589	591	rVB	60992	64627	2.67%	0.150%
13	8.993	611	613	615	rVB	1868335	1612968	66.73%	3.748%
14	9.085	619	621	623	rVV2	55186	55663	2.30%	0.129%
15	9.245	633	635	639	rBV	43666	66682	2.76%	0.155%
16	9.325	639	642	643	rBV	93067	93840	3.88%	0.218%
17	9.393	646	648	650	rVV	573125	482663	19.97%	1.121%
18	9.439	650	652	655	rVB2	47295	60995	2.52%	0.142%
19	9.519	657	659	661	rVB	174189	142150	5.88%	0.330%
20	9.656	669	671	673	rBV2	413817	493595	20.42%	1.147%
21	9.690	673	674	676	rVB	319945	258277	10.69%	0.600%
22	9.862	687	689	691	rBV	222143	191837	7.94%	0.446%
23	9.976	697	699	701	rBV2	44606	62496	2.59%	0.145%
24	10.068	705	707	710	rBV2	46031	102860	4.26%	0.239%
25	10.205	717	719	721	rBV	307353	280710	11.61%	0.652%
26	10.285	721	726	728	rBV3	46087	86095	3.56%	0.200%
27	10.365	731	733	736	rVB	115146	123318	5.10%	0.287%
28	10.445	737	740	742	rVB	1039624	988826	40.91%	2.298%
29	10.582	746	752	755	rBV3	86520	154670	6.40%	0.359%
30	10.753	763	767	768	rBV3	63959	118047	4.88%	0.274%
31	10.833	771	774	775	rVB2	41616	62215	2.57%	0.145%
32	10.879	775	778	782	rBV2	82322	188017	7.78%	0.437%
33	10.936	782	783	786	rVB2	53853	75834	3.14%	0.176%
34	10.993	786	788	789	rBV	104913	119385	4.94%	0.277%

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35	11.028	789	791	793	rVB	194517	150489	6.23%	0.350%
36	11.165	798	803	805	rBV2	2095288	2417117	100.00%	5.616%
37	11.211	805	807	809	rVV	677770	571337	23.64%	1.328%
38	11.245	809	810	812	rVB2	80712	65497	2.71%	0.152%
39	11.371	817	821	825	rBV3	146033	431629	17.86%	1.003%
40	11.451	825	828	832	rVB4	58278	123657	5.12%	0.287%
41	11.633	841	844	845	rBV	287697	299414	12.39%	0.696%
42	11.668	845	847	848	rVB	200330	265044	10.97%	0.616%
43	11.713	848	851	852	rVB	148628	209796	8.68%	0.487%
44	11.748	852	854	858	rVB2	466944	685654	28.37%	1.593%
45	11.862	858	864	866	rBV4	65035	170698	7.06%	0.397%
46	11.931	868	870	873	rVB2	246109	342303	14.16%	0.795%
47	11.999	873	876	880	rVB3	22963	62899	2.60%	0.146%
48	12.079	880	883	884	rBV	94065	118552	4.90%	0.275%
49	12.182	889	892	893	rBV	167584	232302	9.61%	0.540%
50	12.216	893	895	898	rVB3	96124	165005	6.83%	0.383%
51	12.262	898	899	903	rVB2	102411	161118	6.67%	0.374%
52	12.342	903	906	909	rBV	1541958	2340305	96.82%	5.438%
53	12.399	909	911	913	rBV	79323	120749	5.00%	0.281%
54	12.479	916	918	920	rBV2	100939	166996	6.91%	0.388%
55	12.571	923	926	929	rBV	1697460	2400817	99.33%	5.578%
56	12.616	929	930	933	rVB2	186852	191222	7.91%	0.444%
57	12.685	934	936	937	rBV	165934	146397	6.06%	0.340%
58	12.719	937	939	942	rVB	1233480	1197378	49.54%	2.782%
59	12.788	942	945	949	rBV3	174512	365818	15.13%	0.850%
60	12.891	949	954	956	rVB2	272914	620877	25.69%	1.443%
61	12.936	956	958	959	rBV2	44516	81875	3.39%	0.190%
62	12.959	959	960	962	rBV2	303236	289517	11.98%	0.673%
63	12.994	962	963	967	rVB2	270772	343613	14.22%	0.798%
64	13.085	970	971	973	rBV	131005	119985	4.96%	0.279%
65	13.119	973	974	977	rVB2	150085	121437	5.02%	0.282%
66	13.188	979	980	986	rVB6	34489	67600	2.80%	0.157%
67	13.314	989	991	995	rVB3	134193	186199	7.70%	0.433%
68	13.394	995	998	1001	rBV2	120049	232061	9.60%	0.539%
69	13.508	1005	1008	1009	rBV	176270	234422	9.70%	0.545%
70	13.542	1009	1011	1015	rVV3	143420	387131	16.02%	0.900%
71	13.611	1015	1017	1018	rVB	73574	84823	3.51%	0.197%

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72	13.634	1018	1019	1021	rBV	95644	115114	4.76%	0.267%
73	13.759	1026	1030	1031	rBV2	1055546	1731493	71.63%	4.023%
74	13.794	1031	1033	1036	rVB	836909	1034689	42.81%	2.404%
75	13.862	1037	1039	1041	rVV	200475	205222	8.49%	0.477%
76	13.954	1045	1047	1049	rVV3	101497	186882	7.73%	0.434%
77	13.988	1049	1050	1054	rVB	100139	121398	5.02%	0.282%
78	14.079	1056	1058	1059	rBV2	42951	62001	2.57%	0.144%
79	14.148	1062	1064	1065	rVV	186027	220783	9.13%	0.513%
80	14.171	1065	1066	1068	rVV	67084	92246	3.82%	0.214%
81	14.239	1069	1072	1073	rVV2	92121	152485	6.31%	0.354%
82	14.262	1073	1074	1078	rVB4	135808	254625	10.53%	0.592%
83	14.445	1088	1090	1091	rBV	83060	103132	4.27%	0.240%
84	14.525	1095	1097	1101	rVV2	160113	295029	12.21%	0.686%
85	14.617	1102	1105	1108	rVV2	60504	156538	6.48%	0.364%
86	14.674	1108	1110	1111	rVV	47421	65185	2.70%	0.151%
87	14.754	1114	1117	1121	rVV	669400	1292649	53.48%	3.003%
88	14.845	1123	1125	1126	rVV	153886	179370	7.42%	0.417%
89	15.005	1137	1139	1142	rVB	325709	471828	19.52%	1.096%
90	15.062	1142	1144	1147	rVV	555954	634074	26.23%	1.473%
91	15.119	1147	1149	1156	rVB2	179723	466664	19.31%	1.084%
92	16.068	1230	1232	1240	rVB6	51924	137600	5.69%	0.320%
93	16.205	1240	1244	1251	rBV4	40201	133882	5.54%	0.311%
94	16.354	1254	1257	1260	rVB2	183841	335762	13.89%	0.780%
95	16.491	1267	1269	1271	rBV	39330	75594	3.13%	0.176%
96	16.548	1271	1274	1284	rVB3	58227	196672	8.14%	0.457%
97	16.720	1285	1289	1296	rVB	153145	306758	12.69%	0.713%
98	16.914	1303	1306	1311	rVB	47155	99904	4.13%	0.232%
99	18.583	1446	1452	1460	rVB	35280	149983	6.21%	0.348%
100	18.731	1460	1465	1469	rBV2	24224	95069	3.93%	0.221%

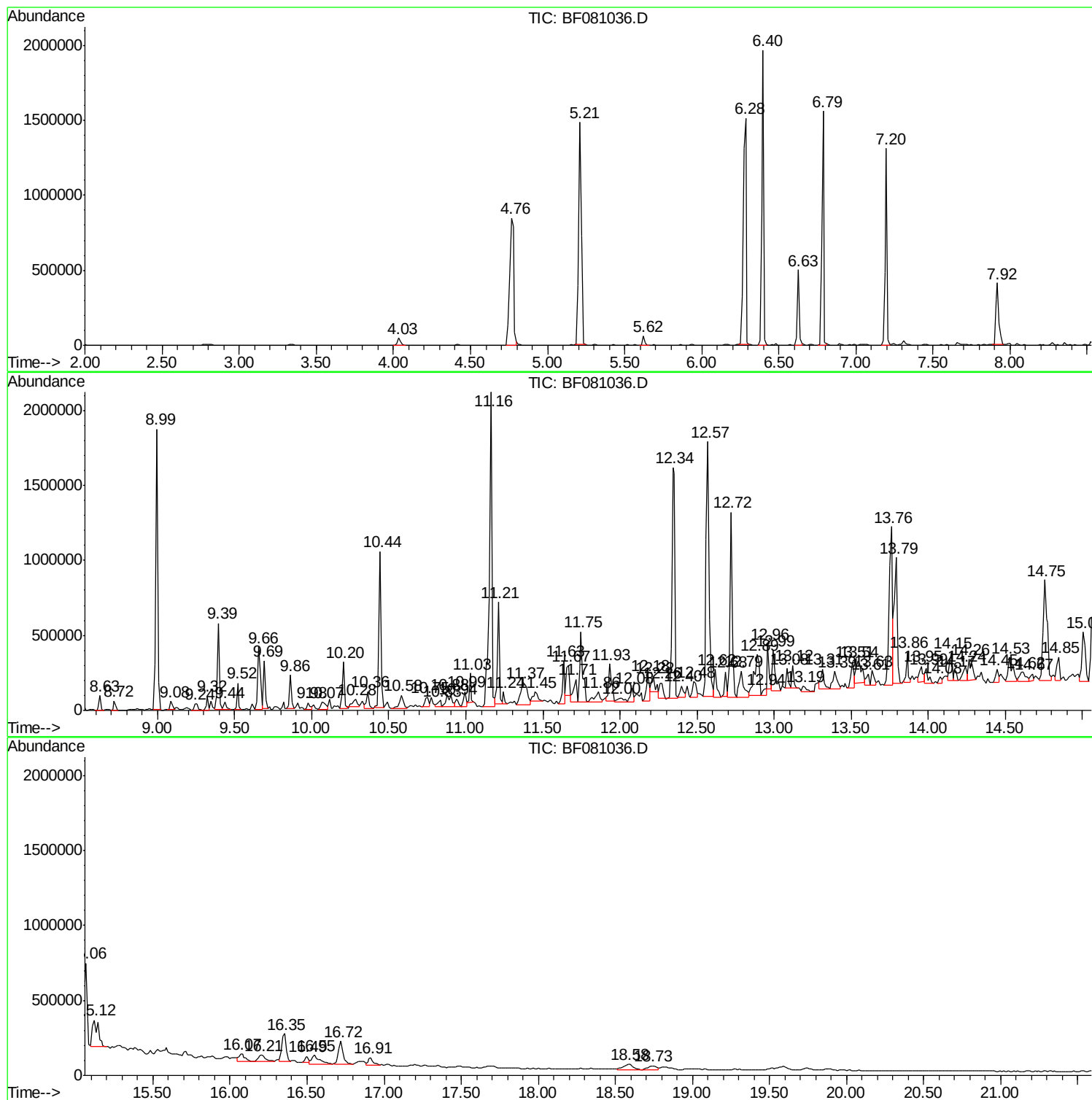
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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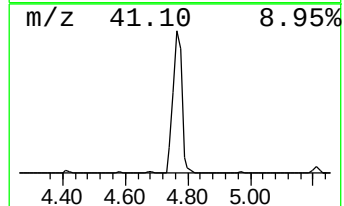
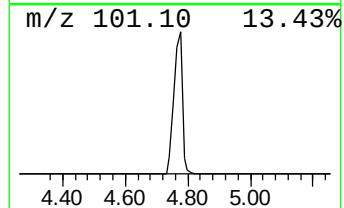
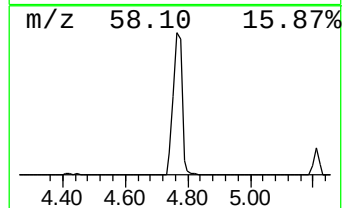
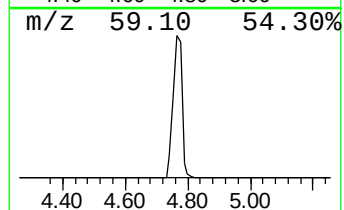
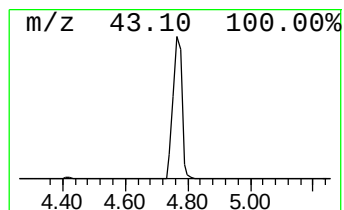
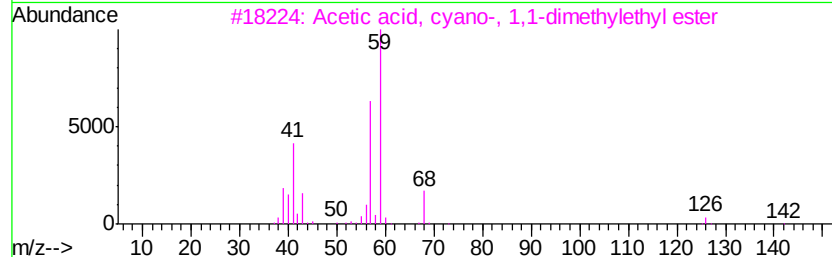
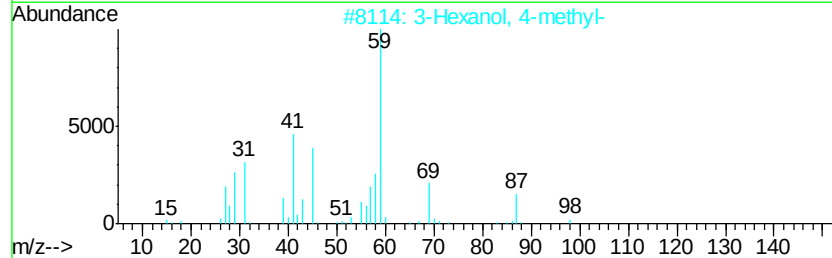
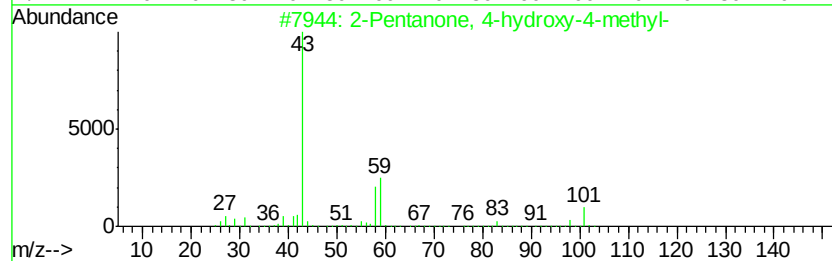
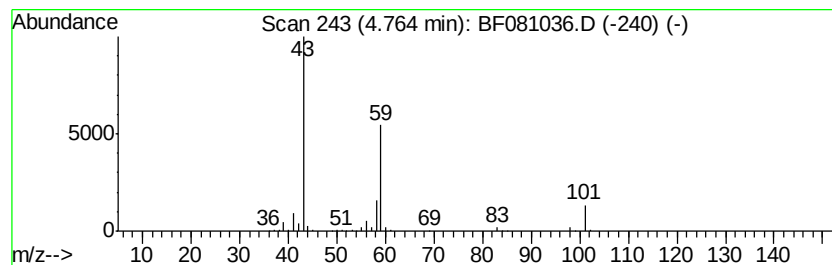
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	78.04 ng	1620000	1,4-Dichlorobenzene-d4	6.63

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			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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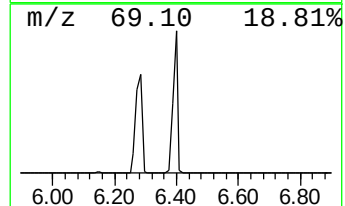
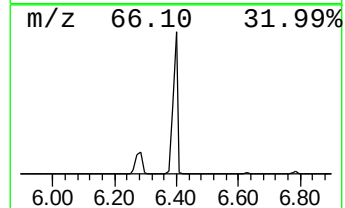
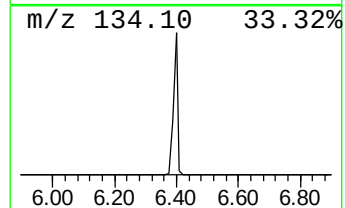
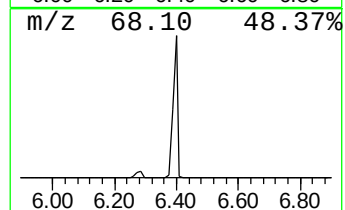
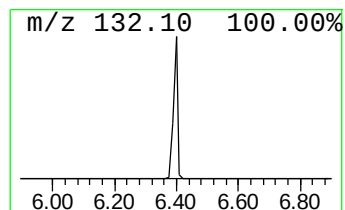
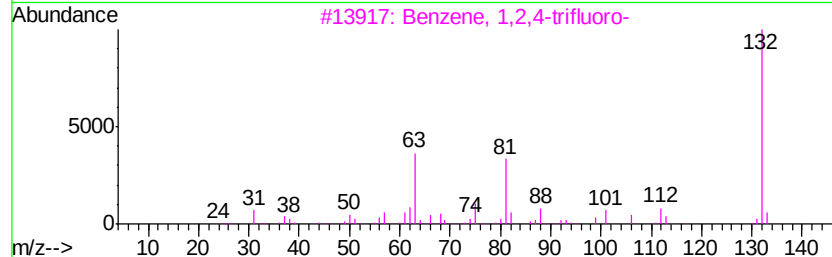
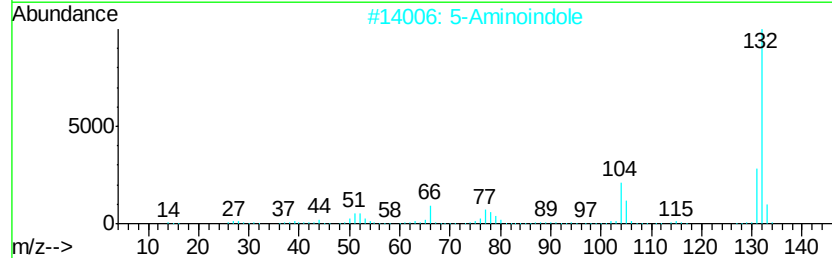
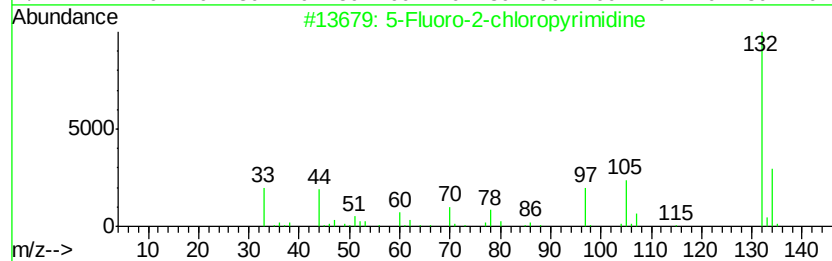
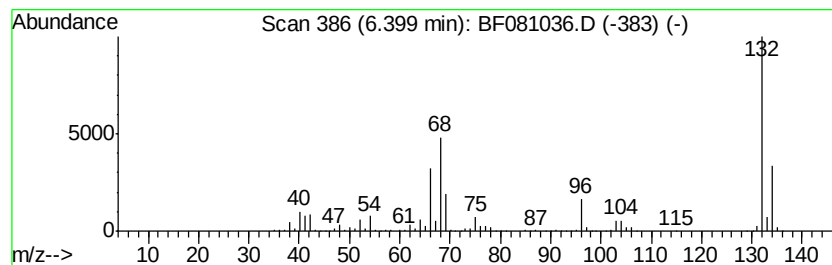
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	96.03 ng	1993460	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	9
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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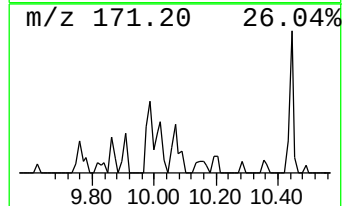
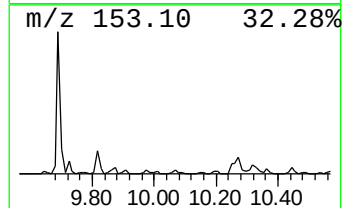
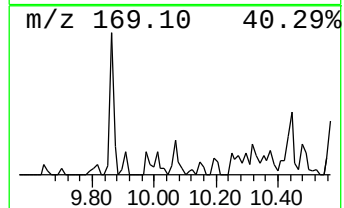
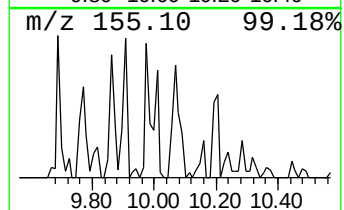
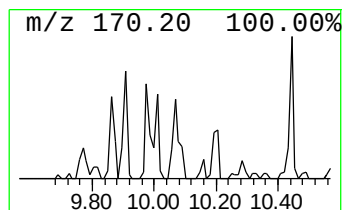
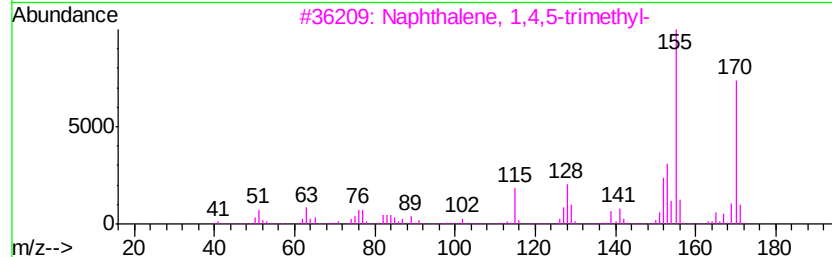
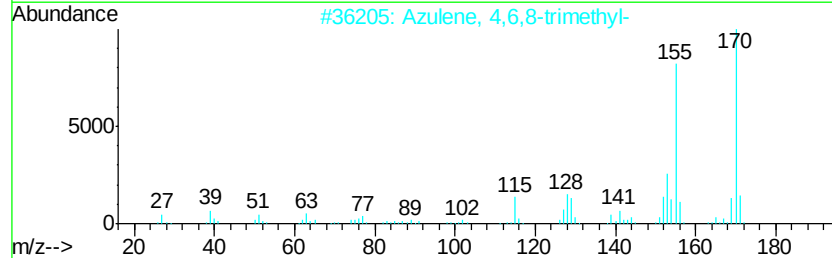
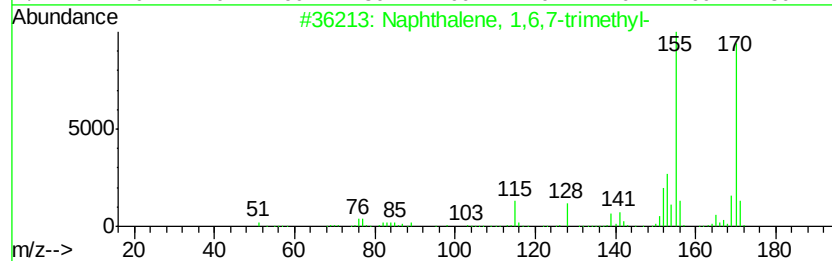
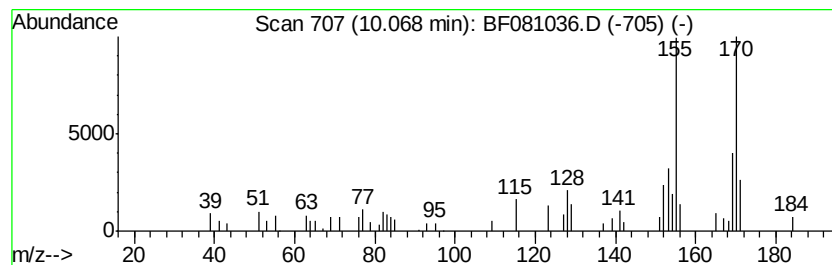
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	4.17 ng	102860	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
4		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081036.D
Acq On : 18 Aug 2015 8:28
Operator : UM/IZ
Sample : G3239-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

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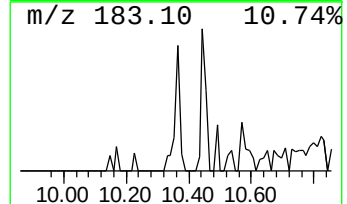
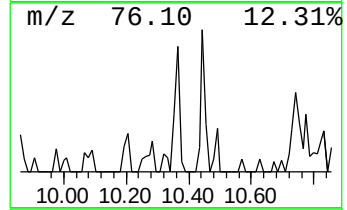
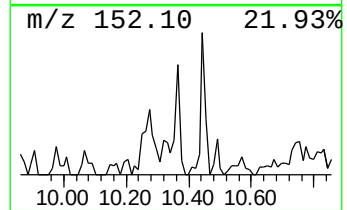
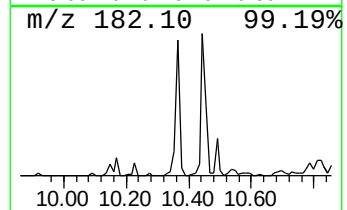
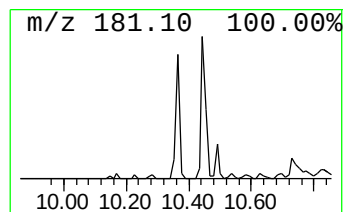
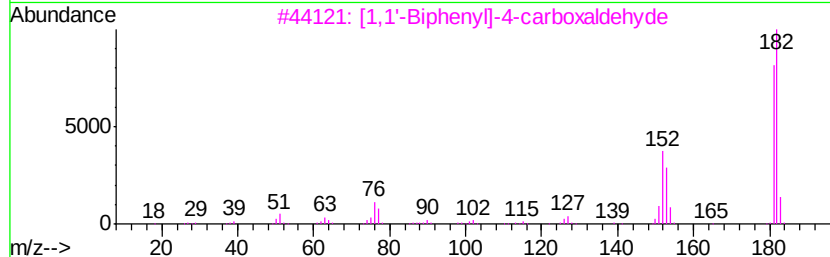
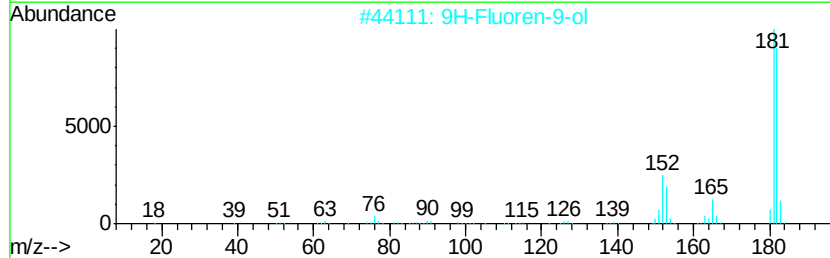
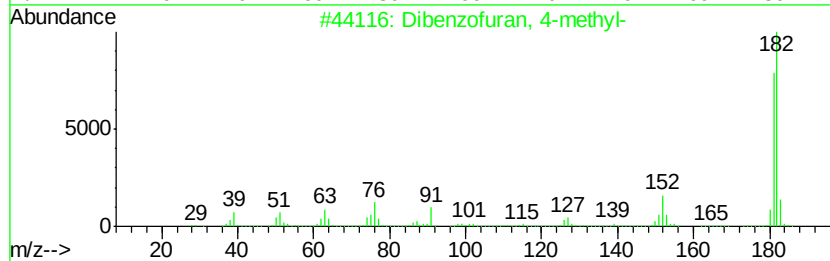
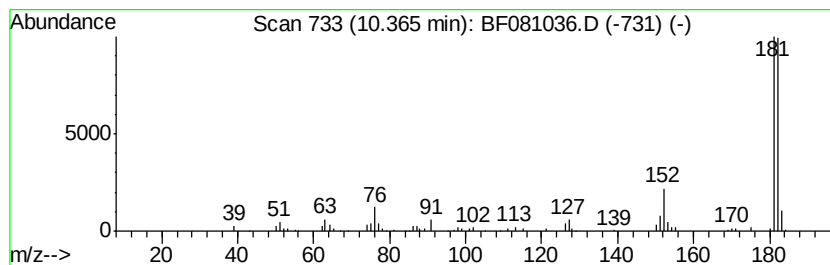
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	5.00 ng	123318	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
4		9H-Xanthene	182	C13H10O	000092-83-1	72
5		6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081036.D
Acq On : 18 Aug 2015 8:28
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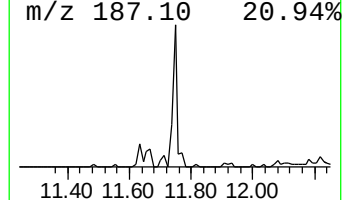
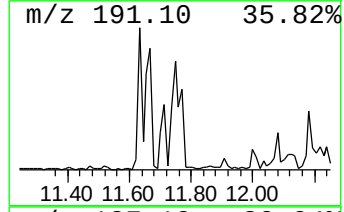
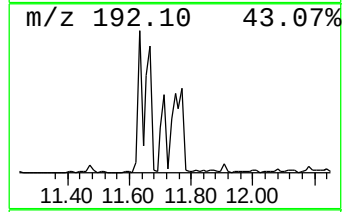
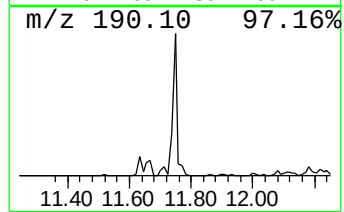
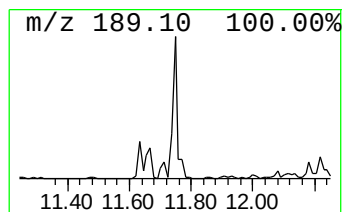
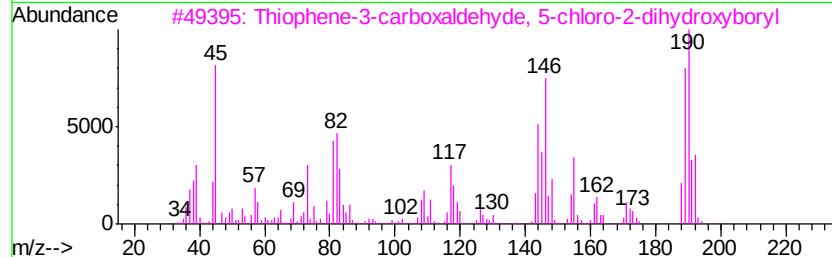
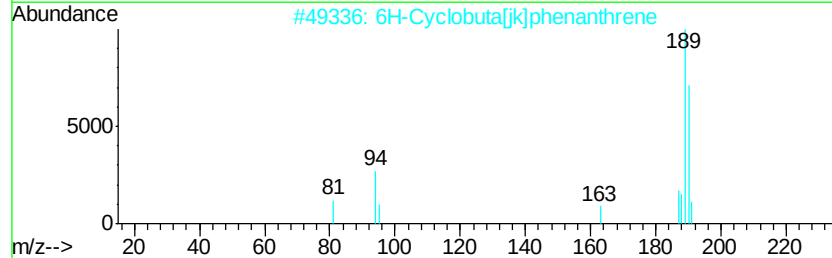
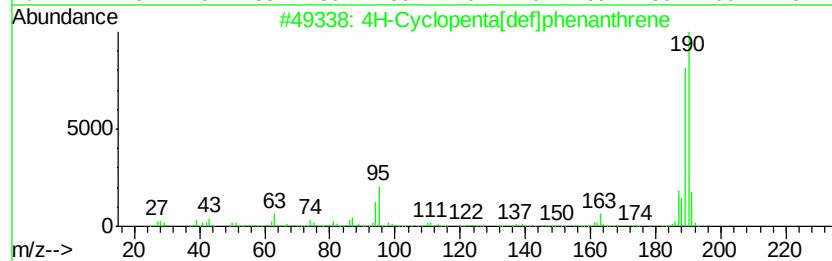
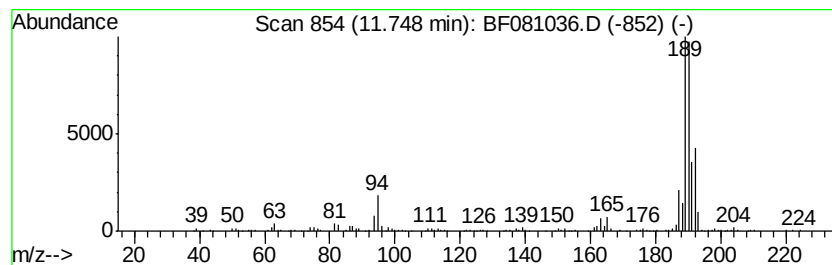
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	5.67 ng	685654	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081036.D
Acq On : 18 Aug 2015 8:28
Operator : UM/IZ
Sample : G3239-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

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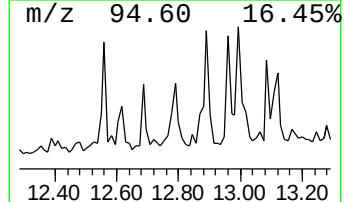
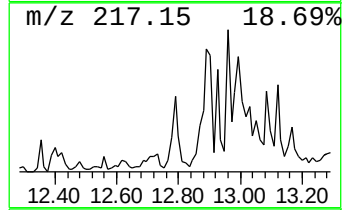
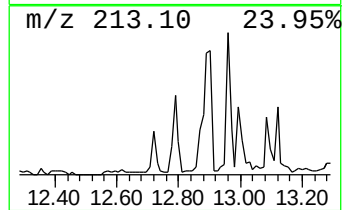
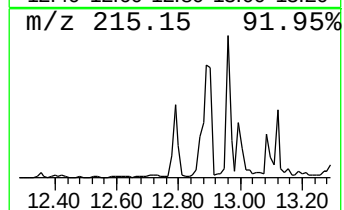
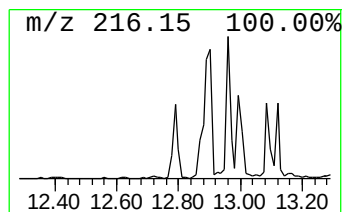
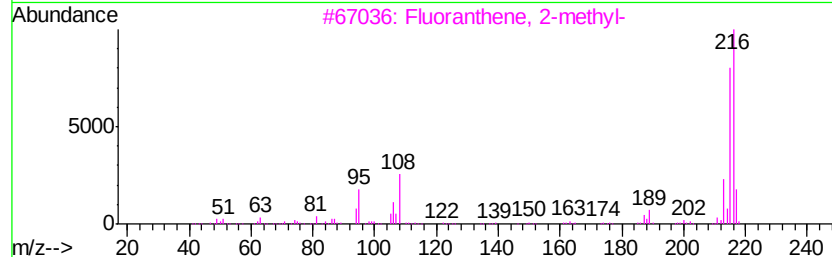
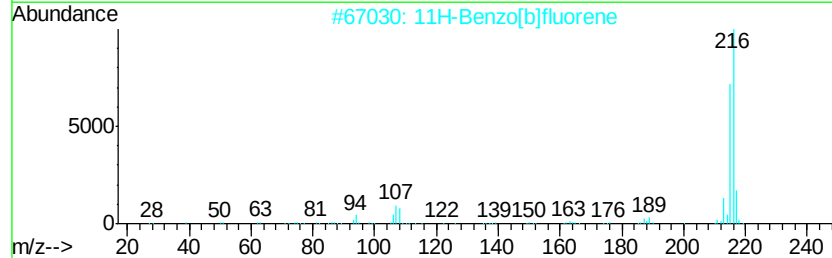
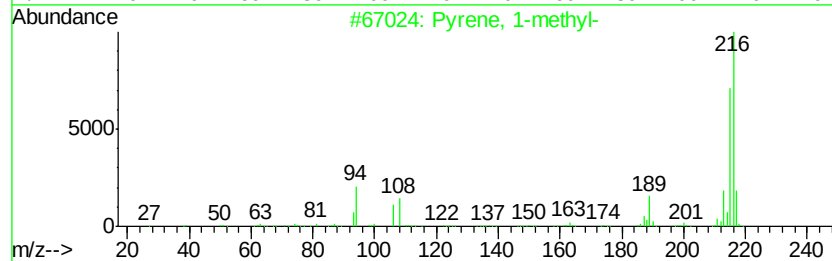
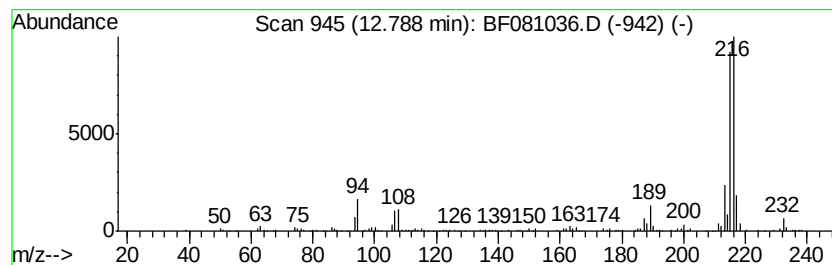
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	4.23 ng	365818	Chrysene-d12	13.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081036.D
Acq On : 18 Aug 2015 8:28
Operator : UM/IZ
Sample : G3239-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

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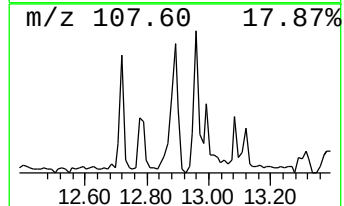
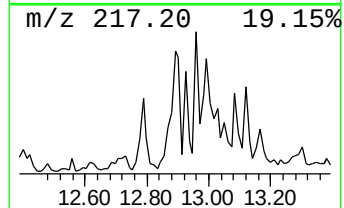
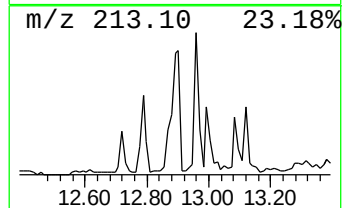
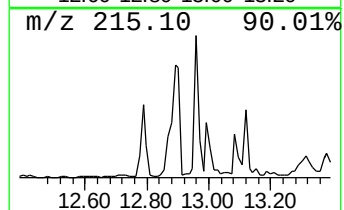
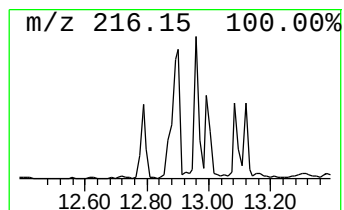
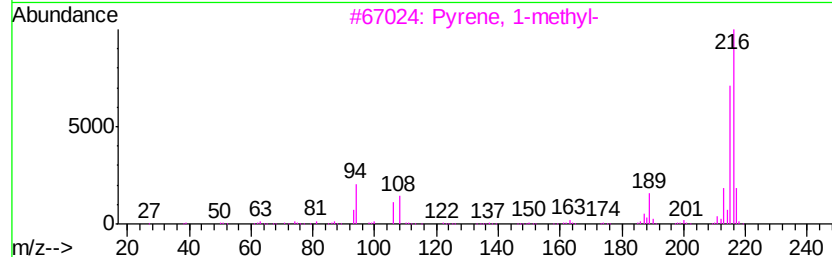
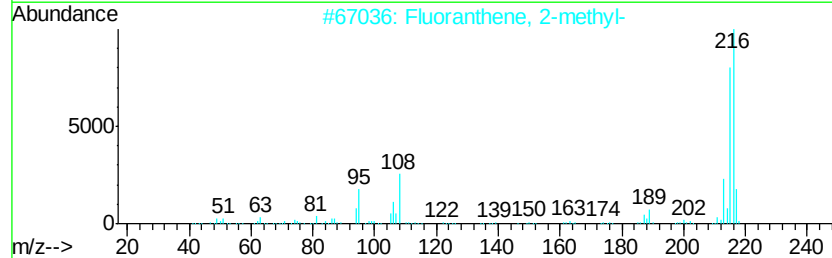
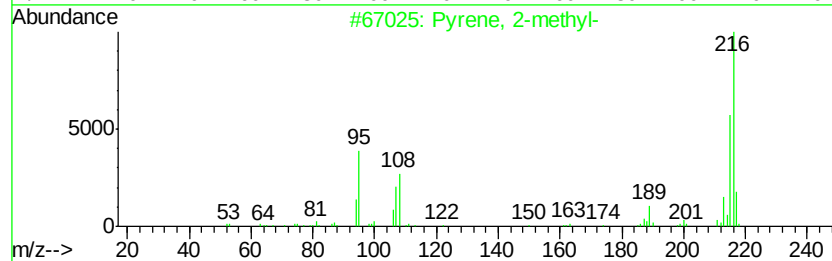
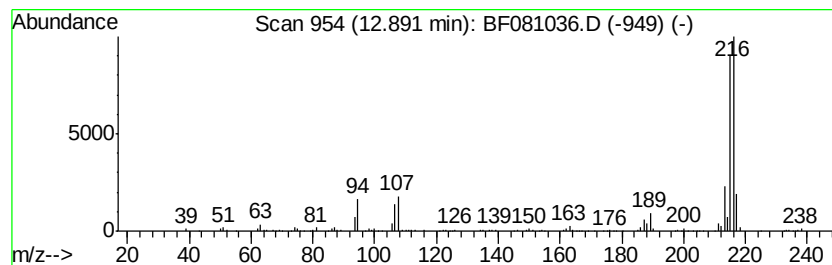
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.89	7.17 ng	620877	Chrysene-d12		13.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-		216	C17H12	003442-78-2	95
2	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-		216	C17H12	002381-21-7	94
4	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081036.D
Acq On : 18 Aug 2015 8:28
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ALS Vial : 34 Sample Multiplier: 1

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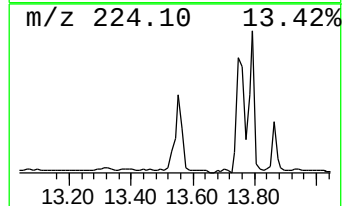
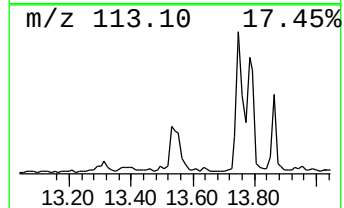
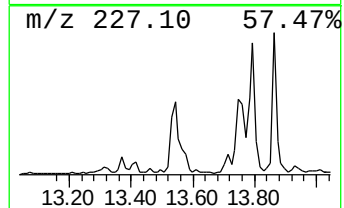
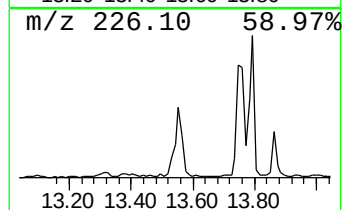
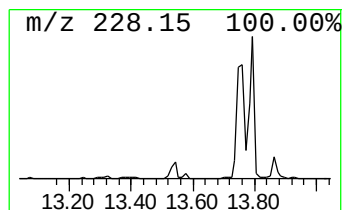
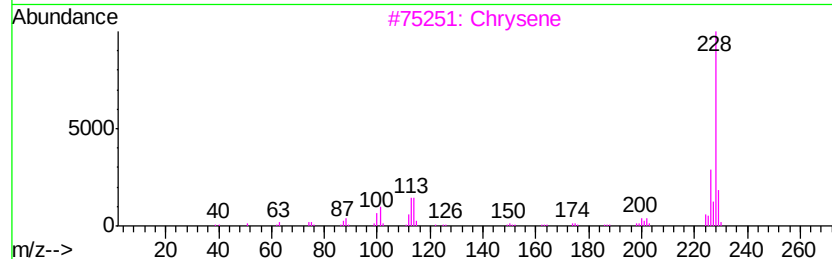
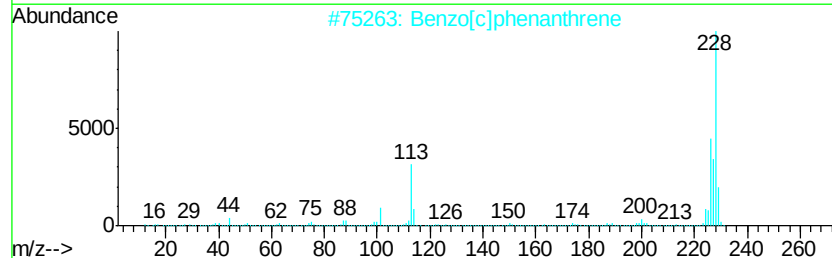
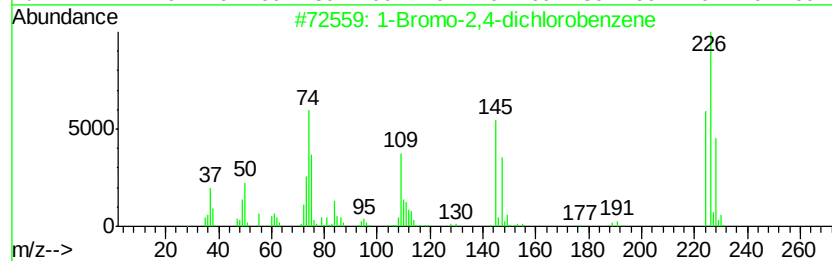
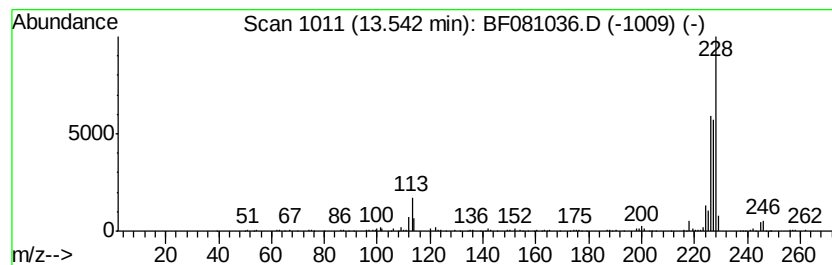
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown13.54 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	4.47 ng	387131	Chrysene-d12	13.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Bromo-2,4-dichlorobenzene	224	C6H3BrCl2	001193-72-2	47
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
3		Chrysene	228	C18H12	000218-01-9	38
4		Triphenylene	228	C18H12	000217-59-4	37
5		Benz[a]anthracene	228	C18H12	000056-55-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 18 Aug 2015 8:28
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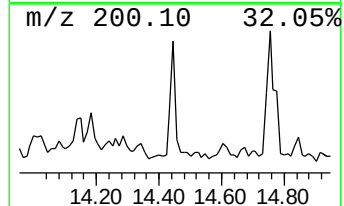
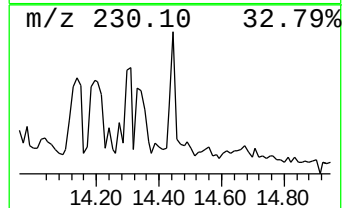
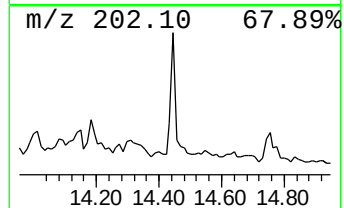
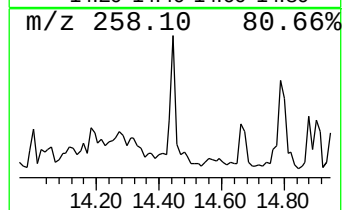
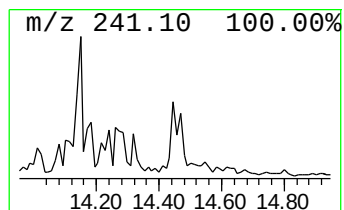
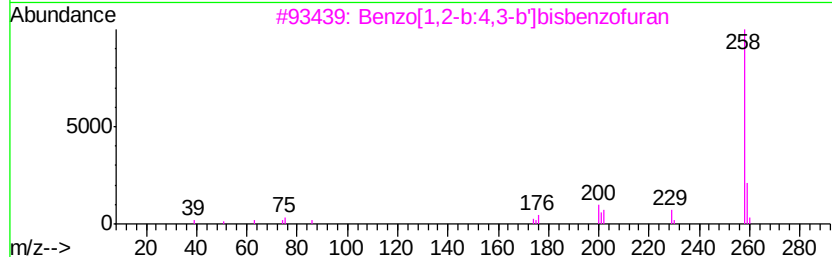
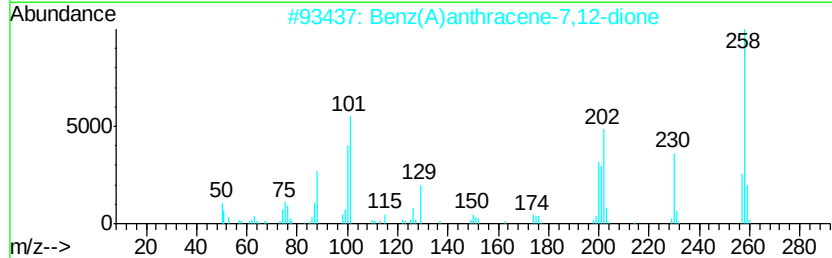
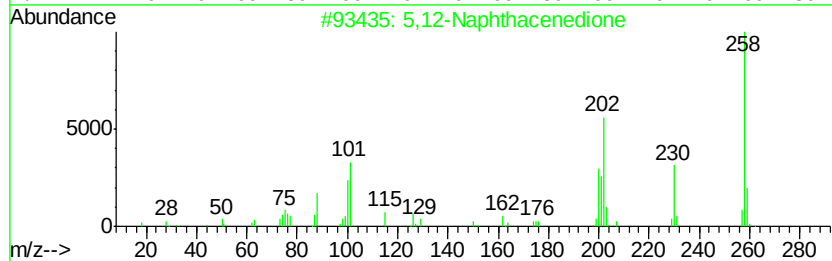
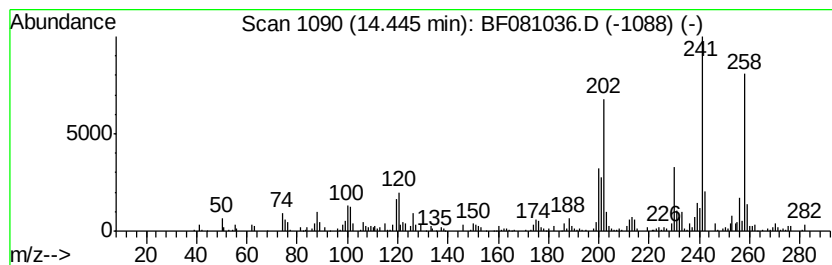
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5,12-Naphthacenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	4.42 ng	103132	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	70
2		Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	64
3		Benzo[1,2-b:4,3-b']bisbenzofuran	258	C18H10O2	000192-93-8	35
4		1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	30
5		Dibenzo(b,def)carbazole	241	C18H11N	104313-09-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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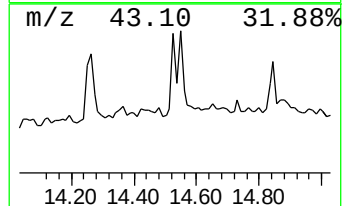
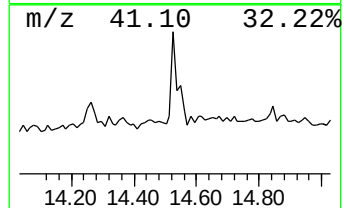
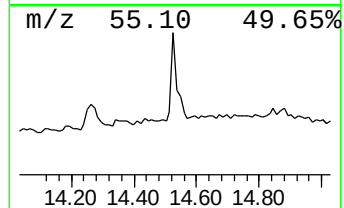
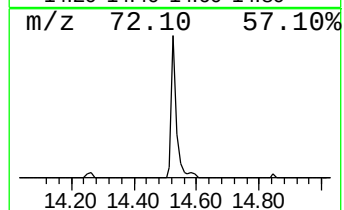
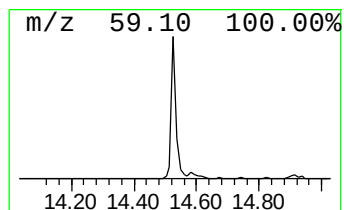
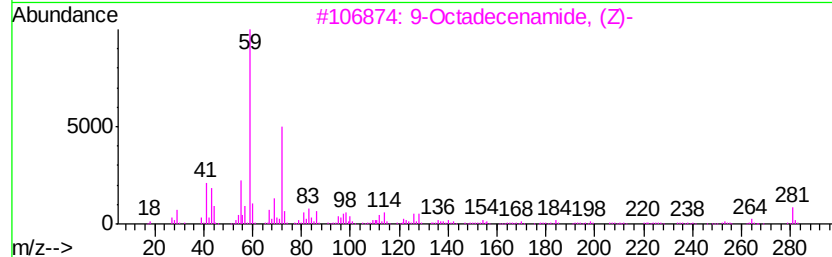
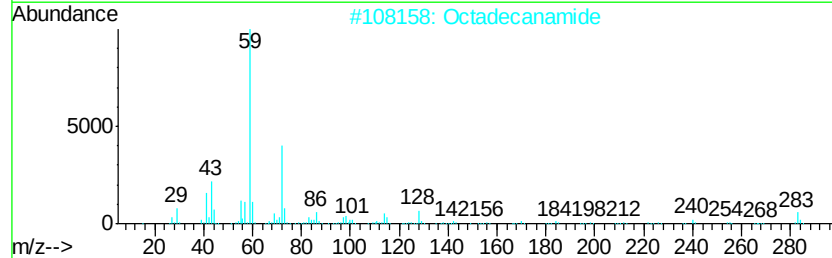
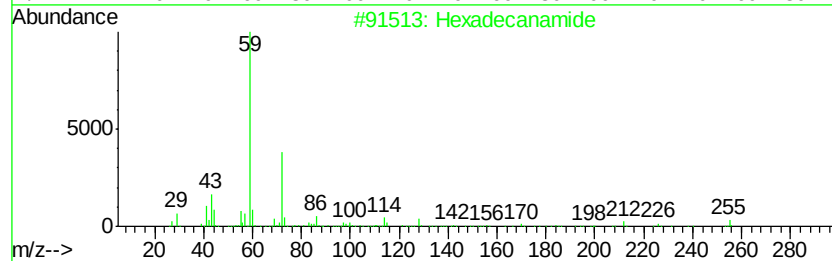
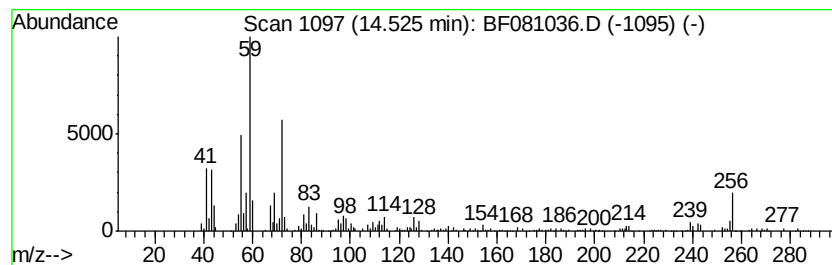
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.53	12.64 ng	295029	Perylene-d12	15.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	81
2	Octadecanamide	283	C18H37NO	000124-26-5	72
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
4	d-Glucosamine	179	C6H13NO5	000090-77-7	59
5	Decanamide-	171	C10H21NO	002319-29-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081036.D
Acq On : 18 Aug 2015 8:28
Operator : UM/IZ
Sample : G3239-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

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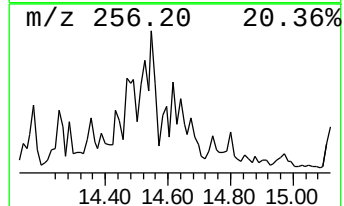
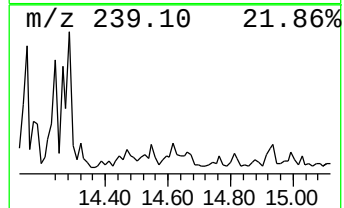
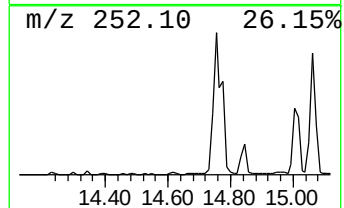
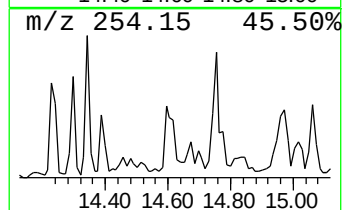
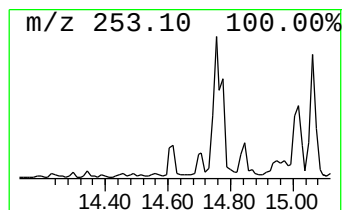
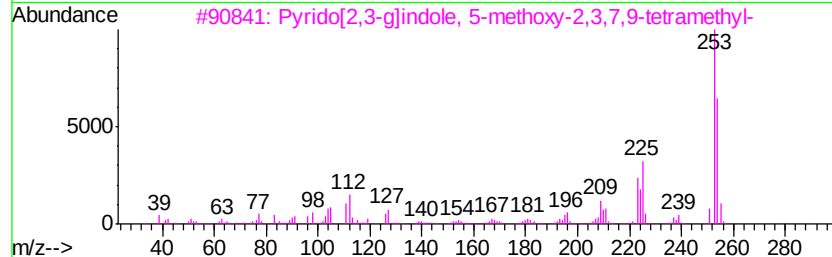
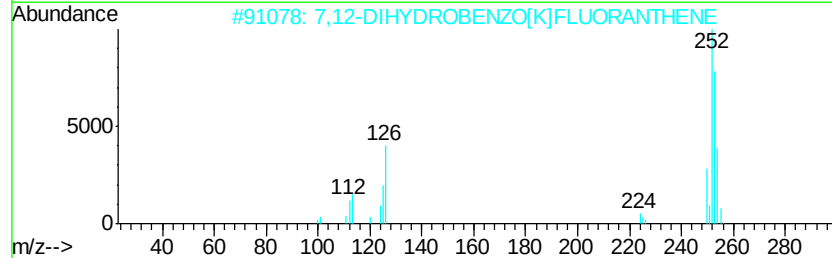
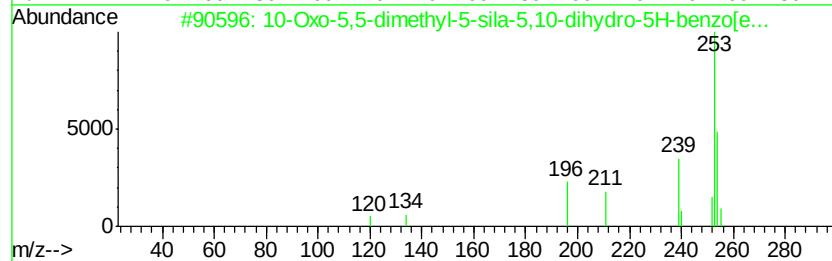
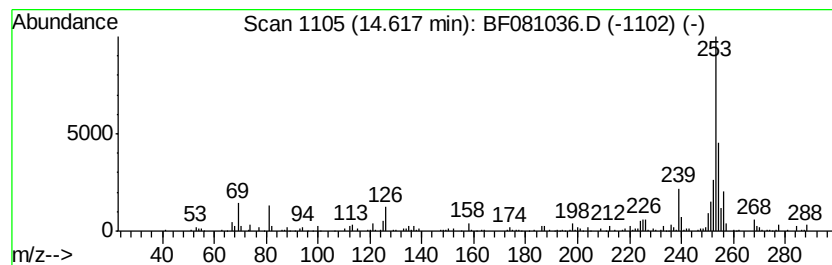
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 10-Oxo-5,5-dimethyl-5-sila-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	6.71 ng	156538	Perylene-d12	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	59
2			7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	58
3			Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	47
4			Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15N02	1000197-96-0	46
5			Propanephosphonic acid, bis(trim...	268	C9H25O3PSi2	1000193-07-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 18 Aug 2015 8:28
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Sample : G3239-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

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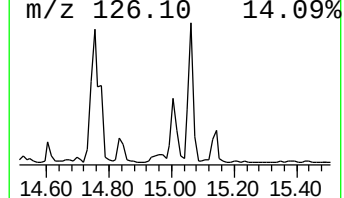
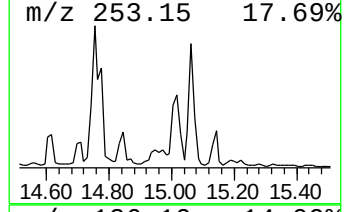
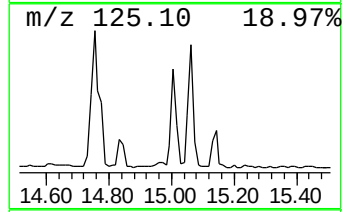
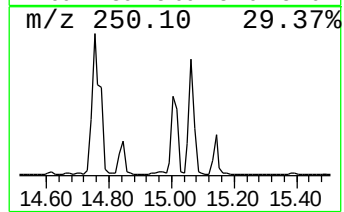
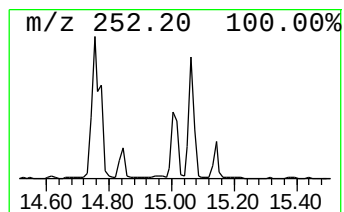
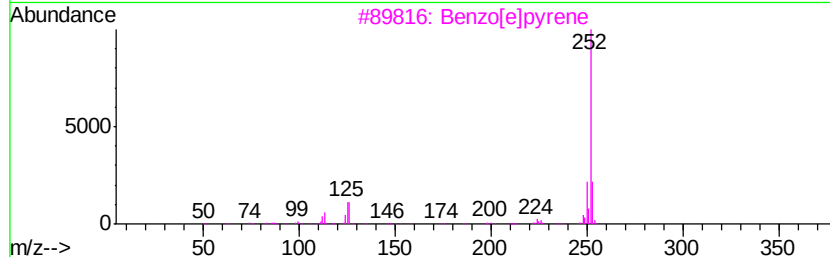
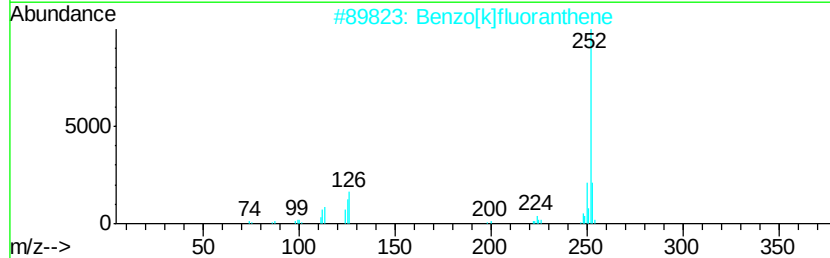
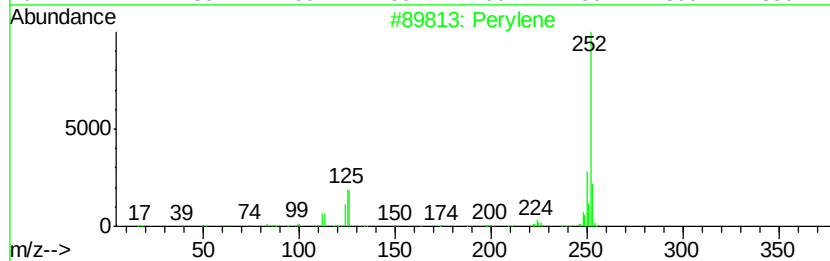
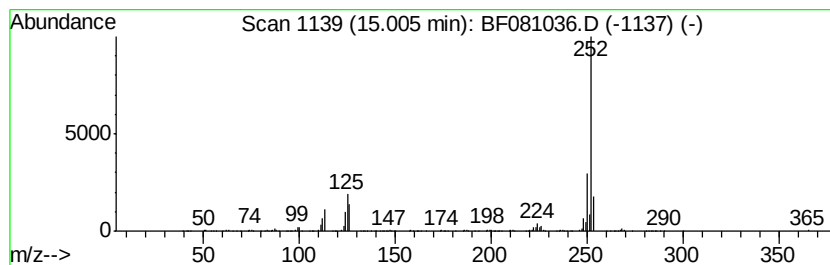
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	20.22 ng	471828	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[e]pyrene	252	C20H12	000192-97-2	97
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081036.D
Acq On : 18 Aug 2015 8:28
Operator : UM/IZ
Sample : G3239-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

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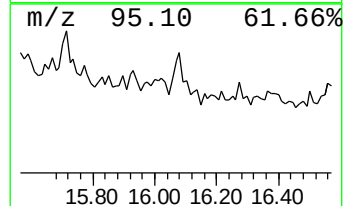
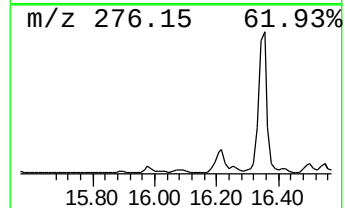
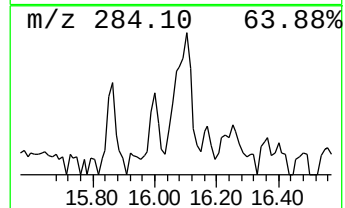
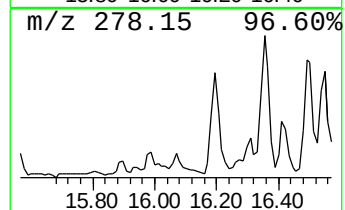
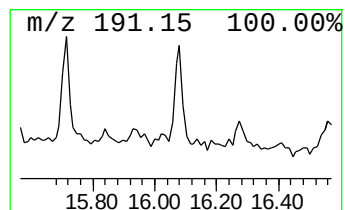
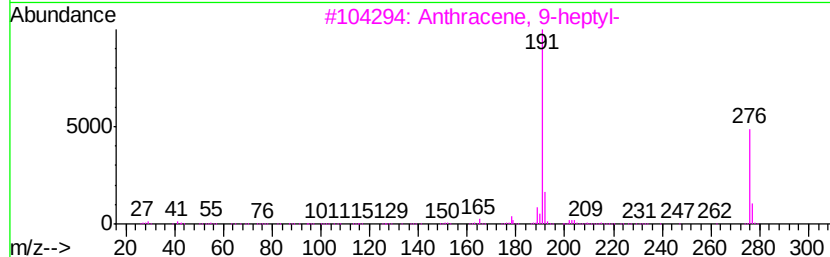
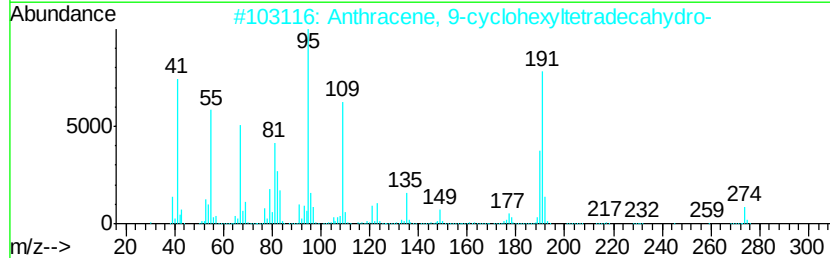
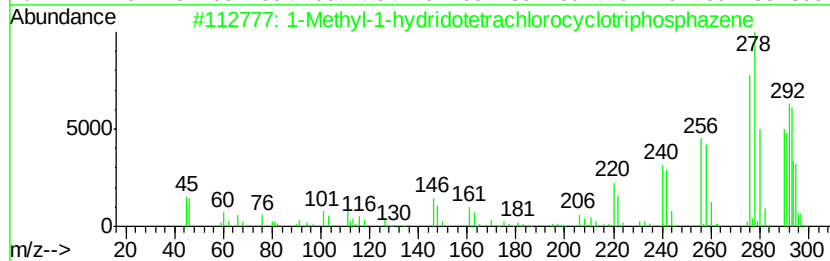
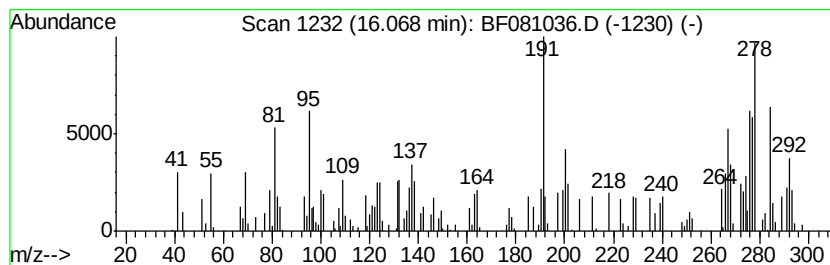
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	5.90 ng	137600	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyl-1-hydridotetrachlorocyc...	291	CH4Cl4N3P3	068351-74-6	27
2		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	25
3		Anthracene, 9-heptyl-	276	C21H24	1000157-50-3	22
4		[4,5'-Bipyrimidine]-2,2',4',6(1H...	278	C12H14N4O4	062880-87-9	22
5		2-Methylsulfanyl-benzoimidazole-...	284	C15H12N2O2S	1000294-32-8	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 18 Aug 2015 8:28
Operator : UM/IZ
Sample : G3239-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

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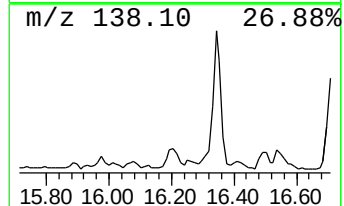
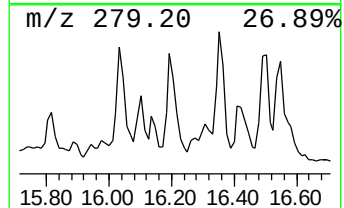
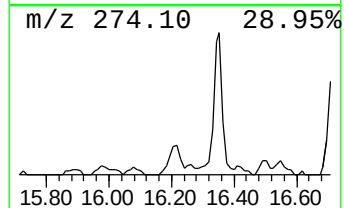
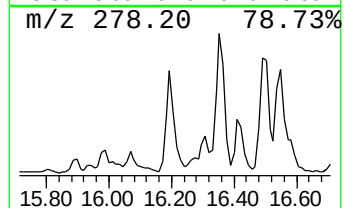
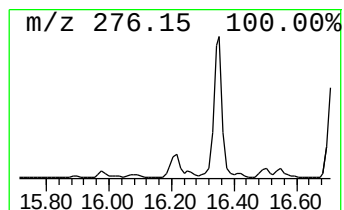
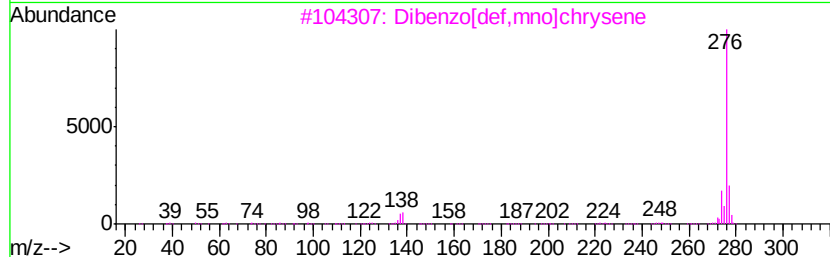
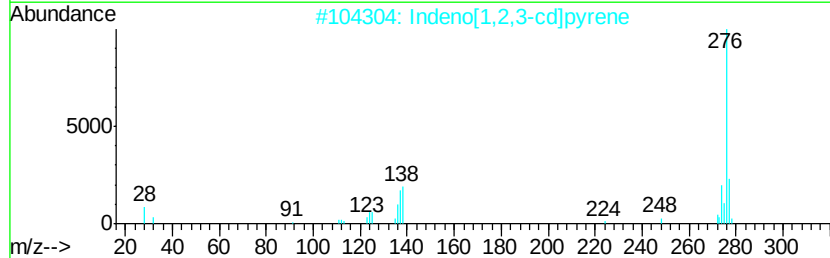
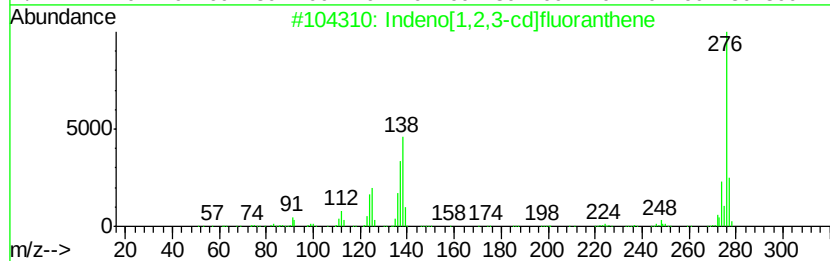
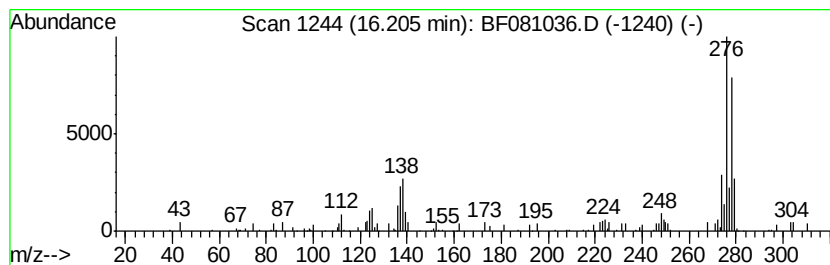
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Indeno[1,2,3-cd]fluoranthene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	5.74 ng	133882	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	70
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	70
3		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	70
4		Benzo[ghi]perylene	276	C22H12	000191-24-2	50
5		2-Thiophenecarbaldehyde, 5-[5-(t...	276	C13H8OS3	1000217-28-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081036.D
Acq On : 18 Aug 2015 8:28
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Misc :
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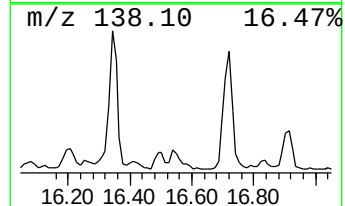
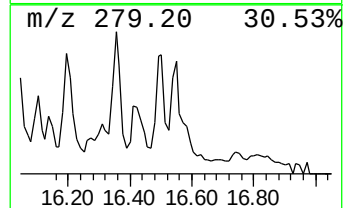
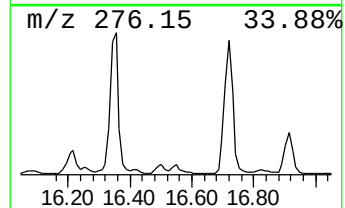
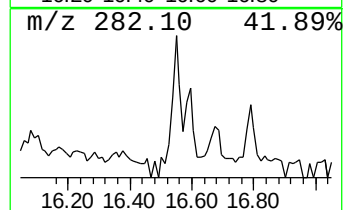
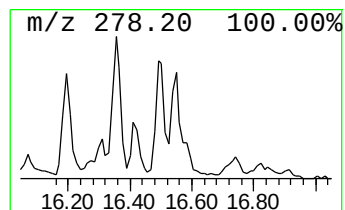
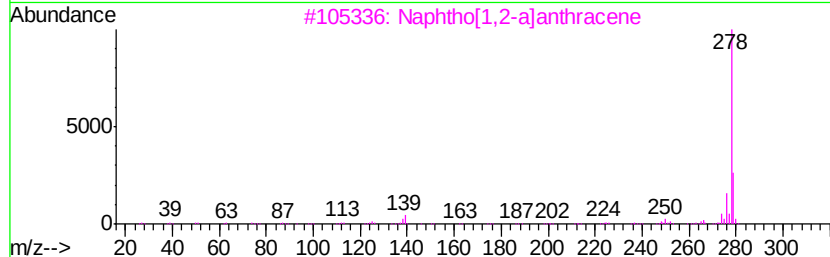
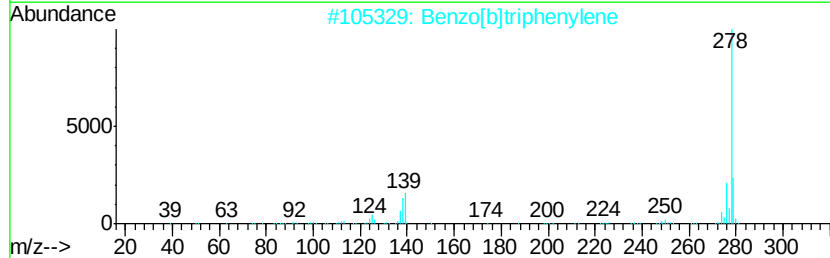
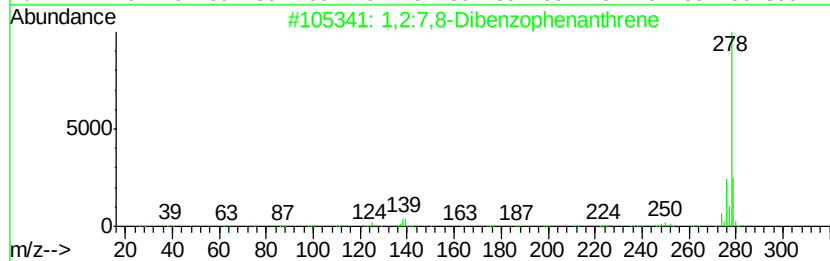
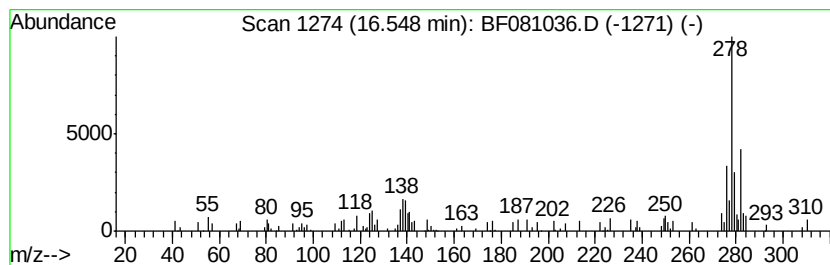
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,2:7,8-Dibenzophenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	8.43 ng	196672	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	64
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	50
3		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	50
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	49
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Sample : G3239-03
Misc :
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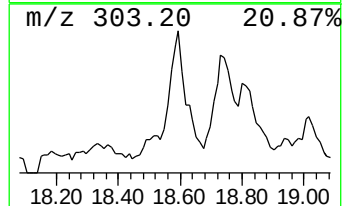
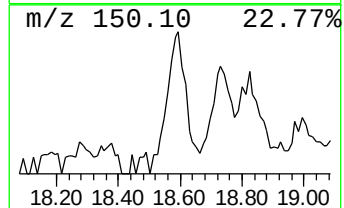
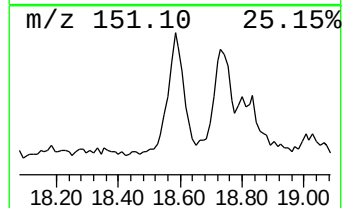
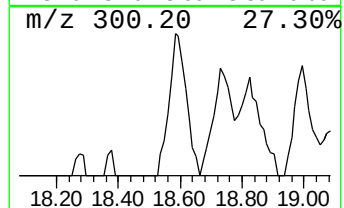
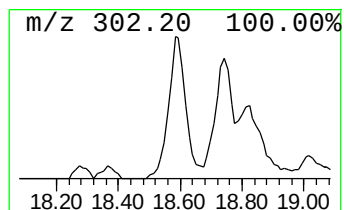
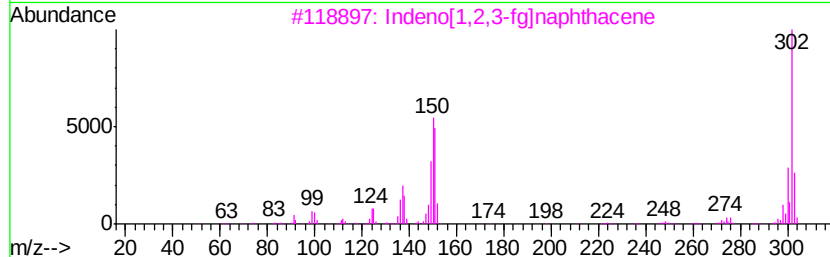
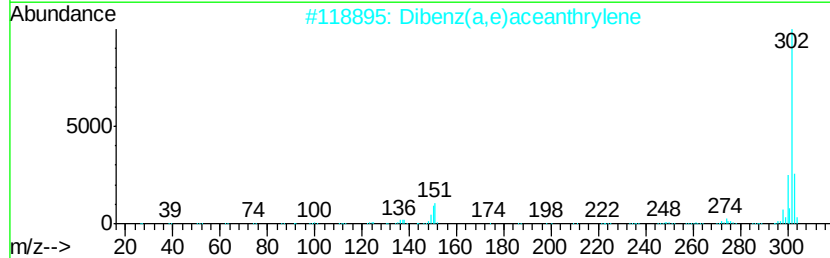
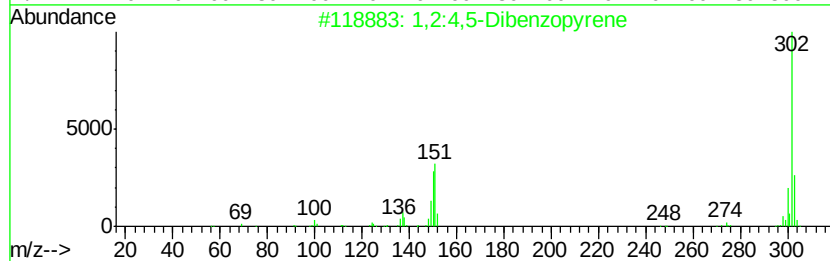
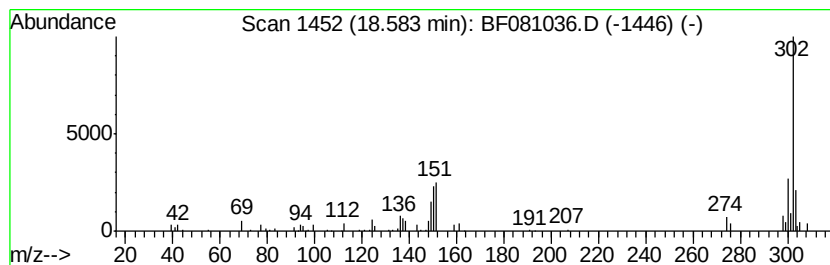
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	6.43 ng	149983	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
3		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	93
4		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	89
5		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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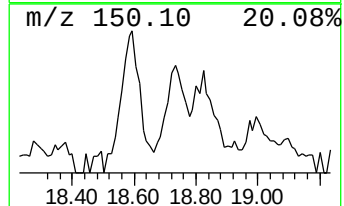
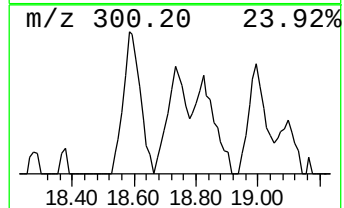
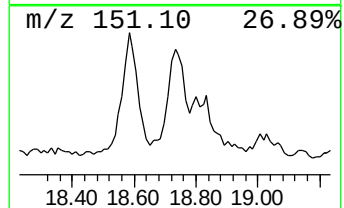
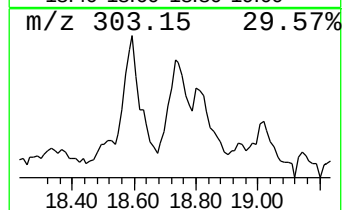
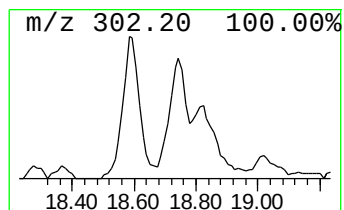
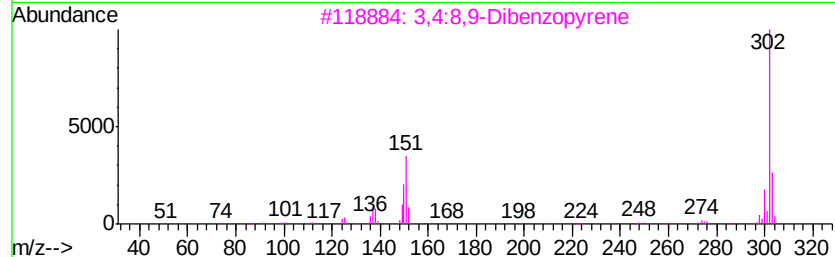
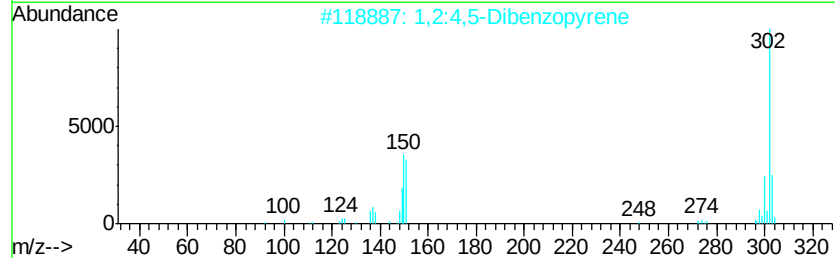
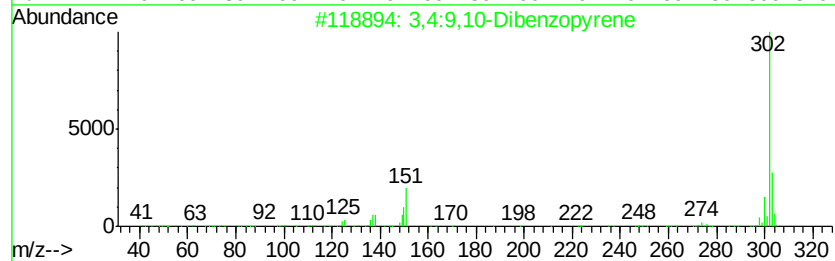
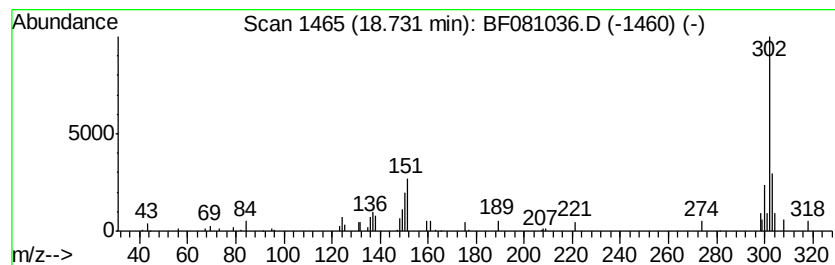
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:9,10-Dibenzopyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	4.07 ng	95069	Perylene-d12	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	91
2			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	86
3			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	81
4			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	76
5			Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081036.D
 Acq On : 18 Aug 2015 8:28
 Operator : UM/IZ
 Sample : G3239-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.76	78.0	ng	1620000	1	6.63	415160	20.0
unknown6.40	6.40	96.0	ng	1993460	1	6.63	415160	20.0
Naphthalene, 1,6,...	10.07	4.2	ng	102860	3	9.66	493595	20.0
Dibenzofuran, 4-m...	10.36	5.0	ng	123318	3	9.66	493595	20.0
4H-Cyclopenta[def...	11.75	5.7	ng	685654	4	11.13	2417120	20.0
Pyrene, 1-methyl-	12.79	4.2	ng	365818	5	13.76	1731490	20.0
Pyrene, 2-methyl-	12.89	7.2	ng	620877	5	13.76	1731490	20.0
unknown13.54	13.54	4.5	ng	387131	5	13.76	1731490	20.0
5,12-Naphthacened...	14.45	4.4	ng	103132	6	15.12	466664	20.0
Hexadecanamide	14.53	12.6	ng	295029	6	15.12	466664	20.0
10-Oxo-5,5-dimeth...	14.62	6.7	ng	156538	6	15.12	466664	20.0
Perylene	15.01	20.2	ng	471828	6	15.12	466664	20.0
unknown16.07	16.07	5.9	ng	137600	6	15.12	466664	20.0
Indeno[1,2,3-cd]f...	16.21	5.7	ng	133882	6	15.12	466664	20.0
1,2:7,8-Dibenzoph...	16.55	8.4	ng	196672	6	15.12	466664	20.0
1,2:4,5-Dibenzopy...	18.58	6.4	ng	149983	6	15.12	466664	20.0
3,4:9,10-Dibenzop...	18.73	4.1	ng	95069	6	15.12	466664	20.0