

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
 Data File : BF082641.D
 Acq On : 2 Nov 2015 20:05
 Operator : UM/IZ
 Sample : G4234-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-4

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-BF103015.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	5.082	259	262	271	rVB	2131046	3408417	29.08%	1.925%
2	5.504	295	299	301	rBV	5099098	7216275	61.56%	4.076%
3	6.522	385	388	390	rBV	6171243	6904976	58.90%	3.900%
4	6.659	397	400	402	rBV	7036402	7088448	60.47%	4.004%
5	6.887	418	420	422	rBV	1641410	1328003	11.33%	0.750%
6	7.047	431	434	436	rBV	5980269	5304797	45.25%	2.996%
7	7.447	466	469	472	rBV	3550617	4083787	34.84%	2.307%
8	8.202	530	535	536	rBV2	1548072	3536373	30.17%	1.997%
9	9.253	624	627	630	rVB	5565021	5787924	49.38%	3.269%
10	9.596	654	657	658	rBV	186584	308260	2.63%	0.174%
11	9.653	660	662	664	rVV	1062772	1349528	11.51%	0.762%
12	9.791	672	674	676	rBV	598687	496329	4.23%	0.280%
13	9.928	684	686	688	rBV	1270864	1622013	13.84%	0.916%
14	9.962	688	689	691	rVV	899028	697033	5.95%	0.394%
15	10.133	702	704	706	rVB	573589	491896	4.20%	0.278%
16	10.248	709	714	716	rBV2	183365	300673	2.56%	0.170%
17	10.351	720	723	724	rBV2	181662	294358	2.51%	0.166%
18	10.476	732	734	737	rVB	841388	743521	6.34%	0.420%
19	10.545	737	740	743	rBV2	202217	418743	3.57%	0.237%
20	10.636	747	748	751	rVB	320997	282196	2.41%	0.159%
21	10.716	752	755	757	rVB2	3977077	4372505	37.30%	2.470%
22	10.842	761	766	770	rBV2	264820	510610	4.36%	0.288%
23	11.025	778	782	784	rBV3	209305	423321	3.61%	0.239%
24	11.174	791	795	797	rBV4	229520	621984	5.31%	0.351%
25	11.219	797	799	801	rVB	314042	325606	2.78%	0.184%
26	11.265	801	803	805	rBV2	233948	339234	2.89%	0.192%
27	11.311	805	807	810	rVB2	400413	560851	4.78%	0.317%
28	11.448	814	819	820	rBV2	5367307	7102758	60.59%	4.012%
29	11.494	820	823	824	rBV	1898394	1640318	13.99%	0.926%
30	11.642	833	836	841	rBV3	557347	1233537	10.52%	0.697%
31	11.722	841	843	847	rVB5	212050	418931	3.57%	0.237%
32	11.916	858	860	861	rBV	835142	786301	6.71%	0.444%
33	11.951	861	863	865	rVB	1299382	1445338	12.33%	0.816%
34	11.996	865	867	868	rBV2	569680	584598	4.99%	0.330%

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35	12.031	868	870	874	rBV2	1577978	2129438	18.17%	1.203%
36	12.134	874	879	880	rBV4	121865	302040	2.58%	0.171%
37	12.156	880	881	884	rVV2	258090	291213	2.48%	0.164%
38	12.214	884	886	890	rVB2	1026558	1492606	12.73%	0.843%
39	12.374	897	900	901	rBV2	378881	520894	4.44%	0.294%
40	12.477	906	909	910	rBV	584901	848971	7.24%	0.480%
41	12.511	910	912	915	rVV2	254896	478409	4.08%	0.270%
42	12.557	915	916	920	rVB	1119927	925069	7.89%	0.522%
43	12.637	920	923	925	rBV	6349581	9801264	83.61%	5.536%
44	12.682	925	927	930	rBV2	450973	601952	5.14%	0.340%
45	12.739	930	932	933	rVV2	229175	295435	2.52%	0.167%
46	12.785	933	936	938	rVB3	312307	576075	4.91%	0.325%
47	12.877	940	944	946	rBV	7029770	11722339	100.00%	6.621%
48	12.911	946	947	950	rVB2	480519	583069	4.97%	0.329%
49	12.979	950	953	954	rBV	754410	819409	6.99%	0.463%
50	13.014	954	956	958	rVB	4397835	5007036	42.71%	2.828%
51	13.082	958	962	966	rBV3	839799	1445219	12.33%	0.816%
52	13.185	969	971	973	rVB	982547	1515728	12.93%	0.856%
53	13.254	975	977	978	rBV	650326	549037	4.68%	0.310%
54	13.288	978	980	984	rVB2	1150231	1661836	14.18%	0.939%
55	13.391	987	989	990	rBV	442583	566029	4.83%	0.320%
56	13.414	990	991	993	rBV2	684390	634273	5.41%	0.358%
57	13.494	996	998	1003	rVB4	201655	429003	3.66%	0.242%
58	13.597	1003	1007	1010	rBV5	301954	925591	7.90%	0.523%
59	13.699	1013	1016	1018	rVB	643851	1019456	8.70%	0.576%
60	13.802	1023	1025	1027	rBV2	815020	1248994	10.65%	0.705%
61	13.837	1027	1028	1029	rVV	827516	692892	5.91%	0.391%
62	13.860	1029	1030	1032	rVV2	856782	1056387	9.01%	0.597%
63	13.905	1032	1034	1037	rVB2	623067	876908	7.48%	0.495%
64	13.974	1038	1040	1044	rVB2	196589	406350	3.47%	0.230%
65	14.065	1044	1048	1049	rBV2	4280969	7787965	66.44%	4.399%
66	14.100	1049	1051	1053	rVB	4025304	4904624	41.84%	2.770%
67	14.168	1053	1057	1059	rBV2	457608	637162	5.44%	0.360%
68	14.248	1063	1064	1065	rVB	428184	293734	2.51%	0.166%
69	14.282	1065	1067	1069	rBV	497519	533084	4.55%	0.301%
70	14.385	1074	1076	1078	rVV3	261852	481393	4.11%	0.272%
71	14.420	1078	1079	1080	rVV	365990	389442	3.32%	0.220%

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72	14.454	1080	1082	1084	rVV	1074077	1479150	12.62%	0.835%
73	14.488	1084	1085	1087	rVV	627989	734025	6.26%	0.415%
74	14.545	1087	1090	1092	rVV3	422734	938222	8.00%	0.530%
75	14.580	1092	1093	1097	rVV2	476605	1131019	9.65%	0.639%
76	14.660	1097	1100	1103	rVV4	352961	586141	5.00%	0.331%
77	14.762	1107	1109	1111	rVV2	395736	616933	5.26%	0.348%
78	14.842	1115	1116	1118	rVV2	258749	366357	3.13%	0.207%
79	14.945	1122	1125	1130	rBV3	313483	785458	6.70%	0.444%
80	15.025	1130	1132	1133	rBV	262180	355903	3.04%	0.201%
81	15.128	1137	1141	1145	rBV	3647762	8906880	75.98%	5.031%
82	15.220	1147	1149	1151	rVV	783125	800792	6.83%	0.452%
83	15.323	1154	1158	1160	rBV2	265133	670094	5.72%	0.378%
84	15.414	1163	1166	1169	rVB	2168395	3409021	29.08%	1.925%
85	15.483	1169	1172	1174	rVB	3322299	4416069	37.67%	2.494%
86	15.528	1174	1176	1178	rBV	681538	1231598	10.51%	0.696%
87	15.563	1178	1179	1183	rVB2	1145799	1414401	12.07%	0.799%
88	15.883	1205	1207	1210	rVB	177238	299717	2.56%	0.169%
89	15.997	1215	1217	1220	rVV3	140779	318868	2.72%	0.180%
90	16.077	1222	1224	1228	rVB	184322	297721	2.54%	0.168%
91	16.420	1252	1254	1258	rVB2	173106	337651	2.88%	0.191%
92	16.808	1282	1288	1294	rBV4	322480	1221599	10.42%	0.690%
93	16.980	1298	1303	1306	rVB	1429520	3165886	27.01%	1.788%
94	17.128	1313	1316	1319	rBV	294827	641791	5.47%	0.362%
95	17.186	1319	1321	1324	rBV2	216791	365746	3.12%	0.207%
96	17.403	1335	1340	1347	rVB	1151808	2748268	23.44%	1.552%
97	17.620	1355	1359	1362	rVB	224110	465681	3.97%	0.263%
98	19.574	1524	1530	1538	rVB	285208	1223938	10.44%	0.691%
99	19.757	1540	1546	1550	rBV	196753	781920	6.67%	0.442%
100	20.740	1628	1632	1640	rVB2	218443	857469	7.31%	0.484%

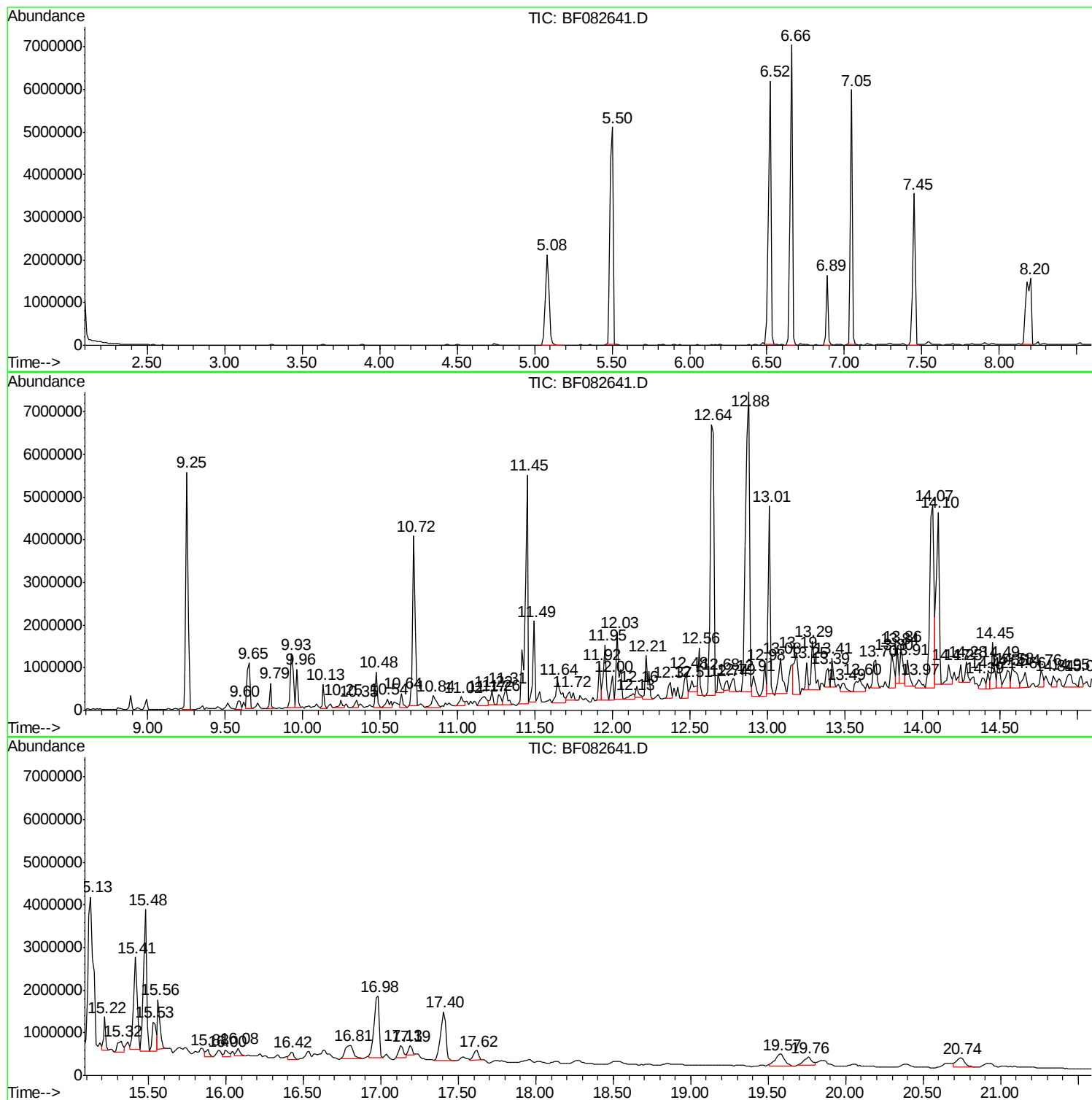
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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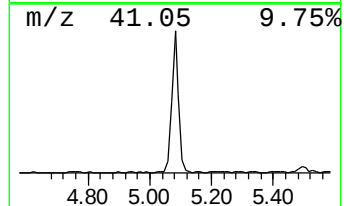
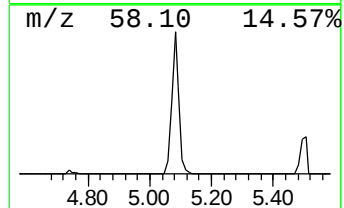
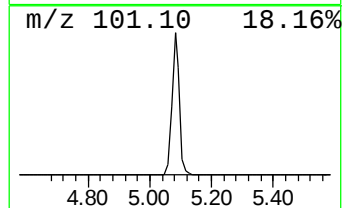
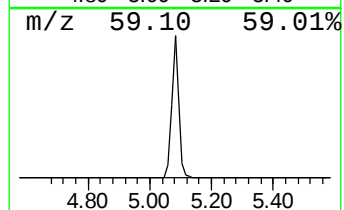
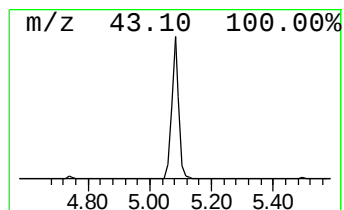
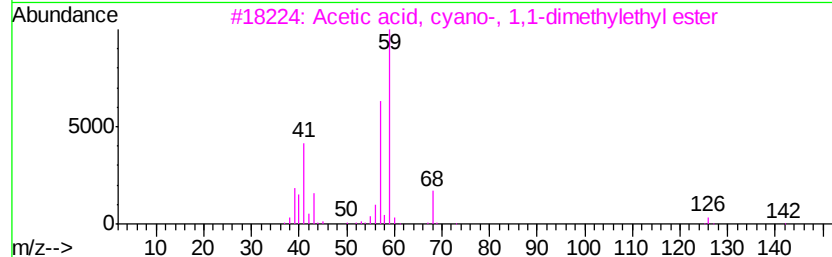
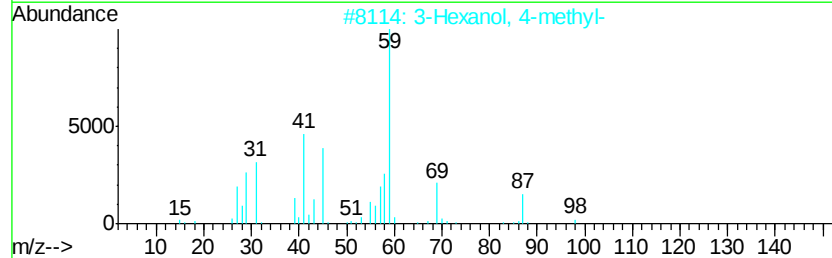
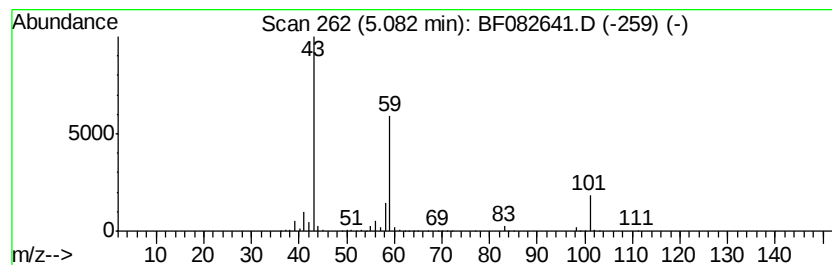
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	51.33 ng	3408420	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9



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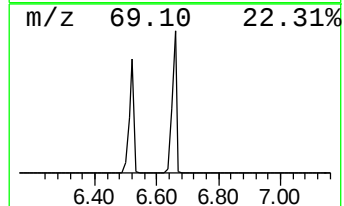
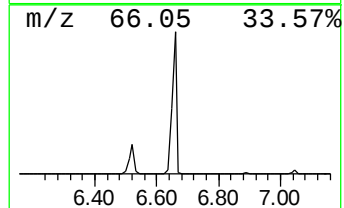
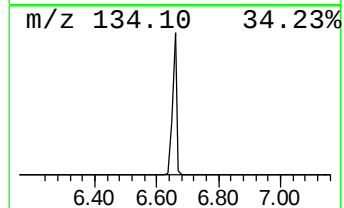
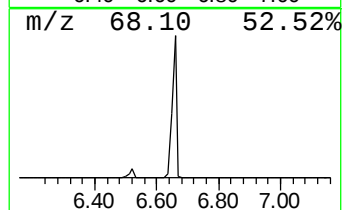
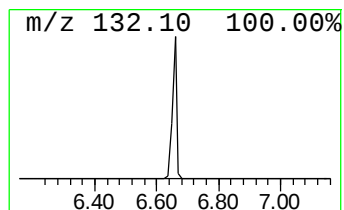
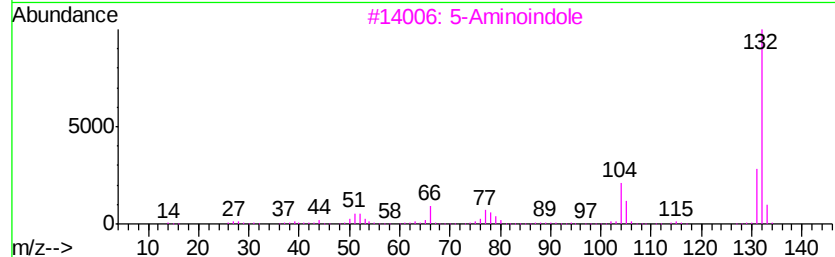
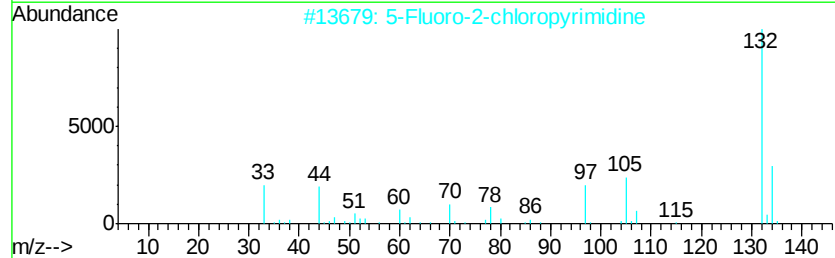
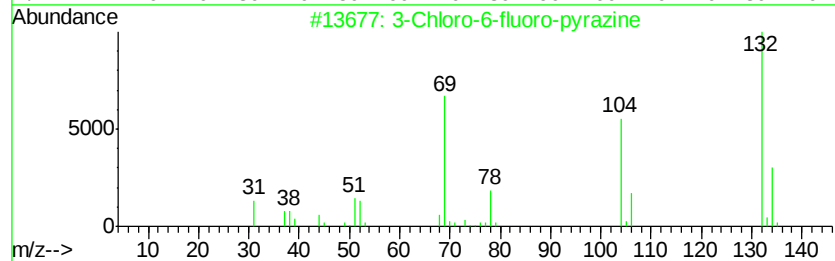
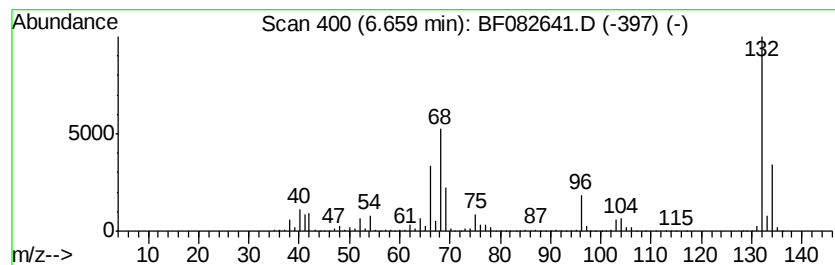
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	106.75 ng	7088450	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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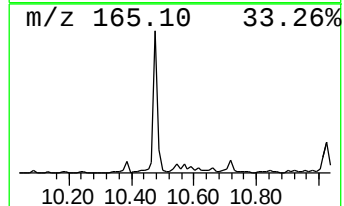
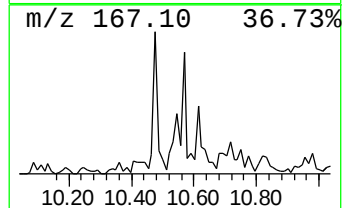
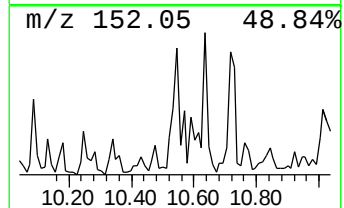
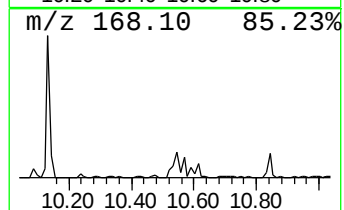
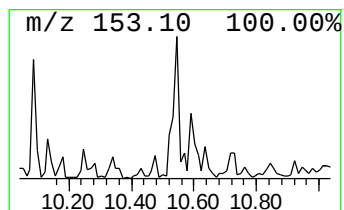
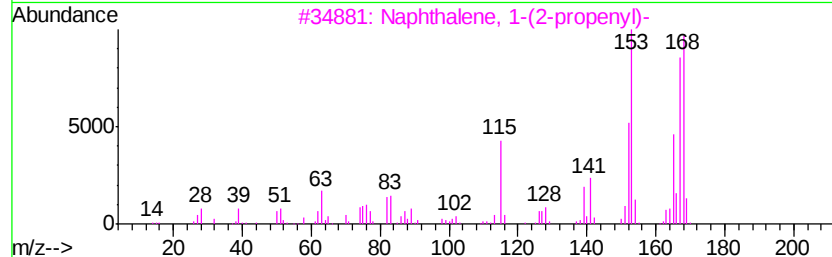
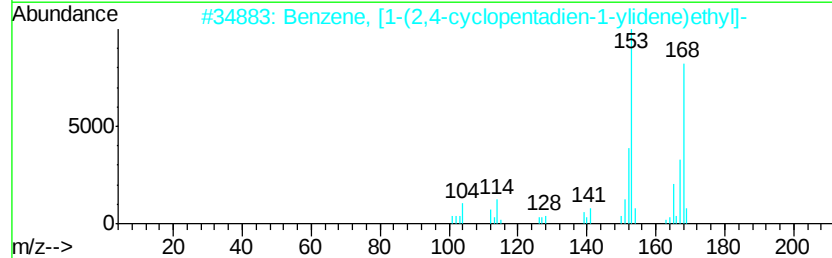
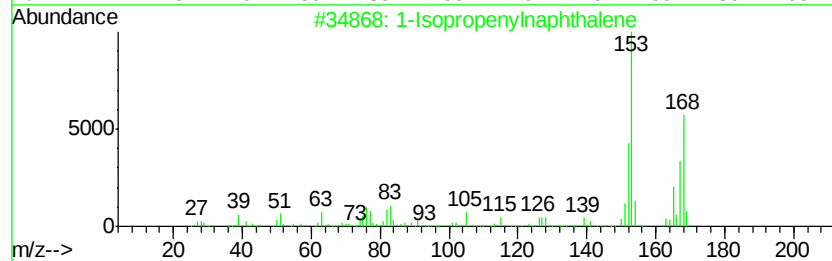
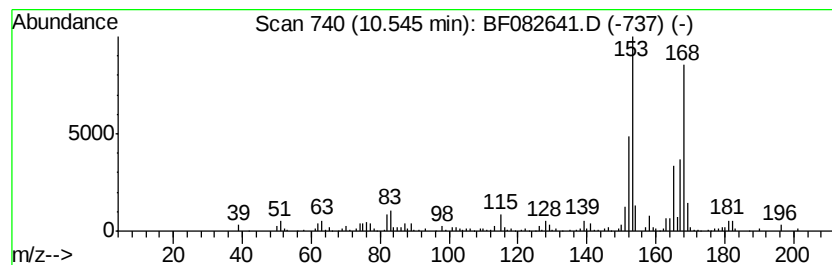
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	5.16 ng	418743	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	94
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
3		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
4		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
5		1-Cyclohexene-1-ethanol, 2,6,6-t...	168	C11H20O	000472-65-1	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082641.D
Acq On : 2 Nov 2015 20:05
Operator : UM/IZ
Sample : G4234-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DS-4

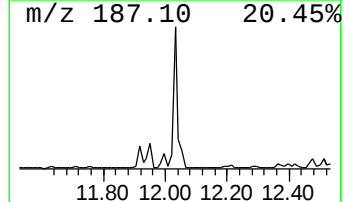
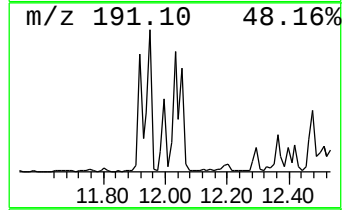
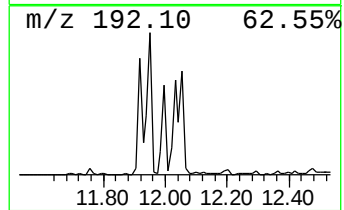
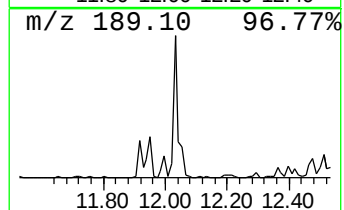
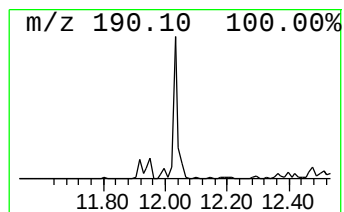
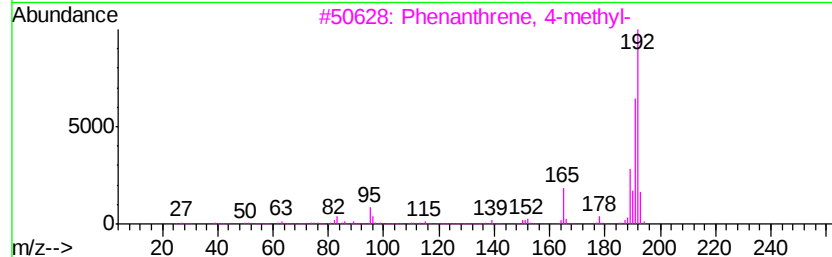
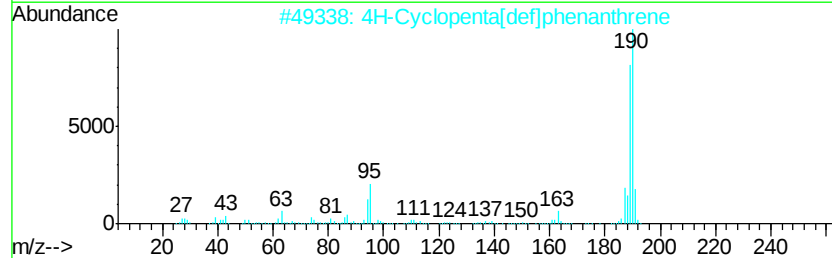
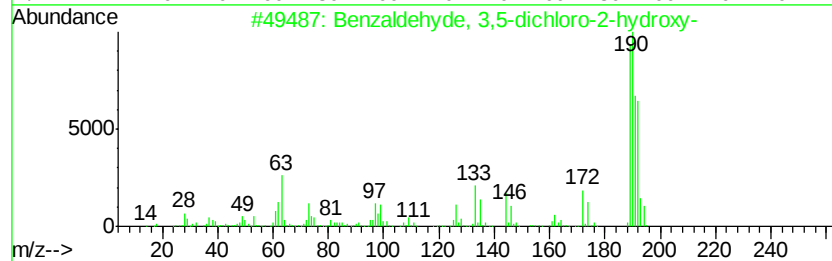
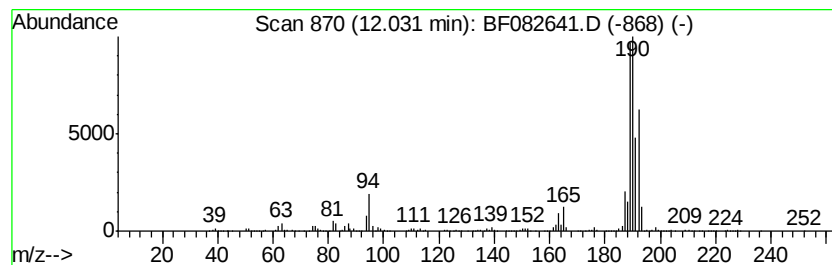
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	6.00 ng	2129440	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	64
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082641.D
Acq On : 2 Nov 2015 20:05
Operator : UM/IZ
Sample : G4234-07
Misc :
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Instrument :
BNA_F
ClientSampleId :
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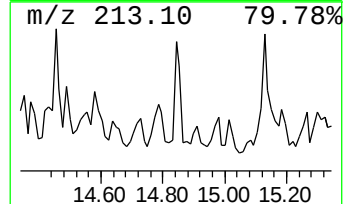
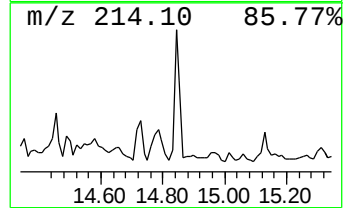
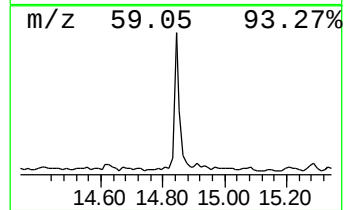
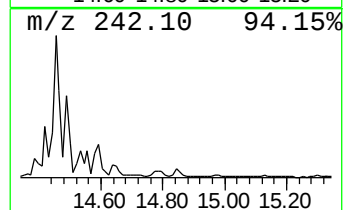
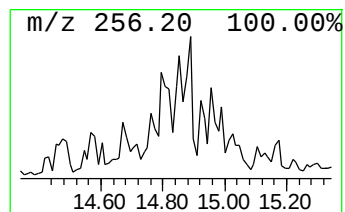
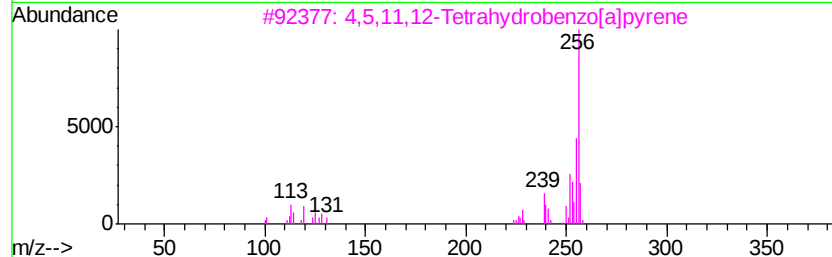
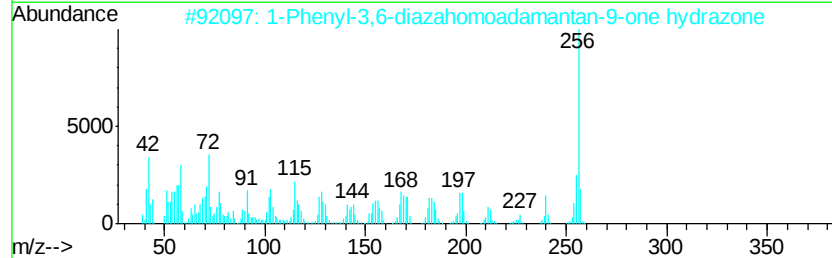
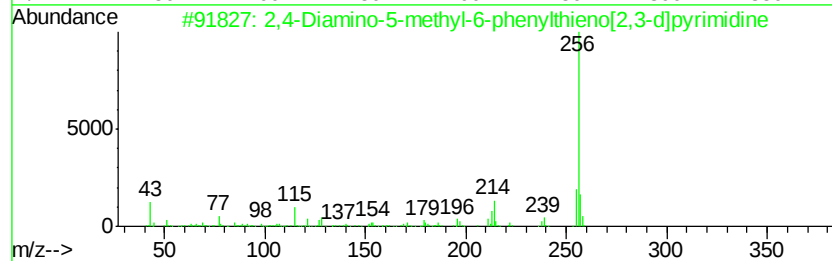
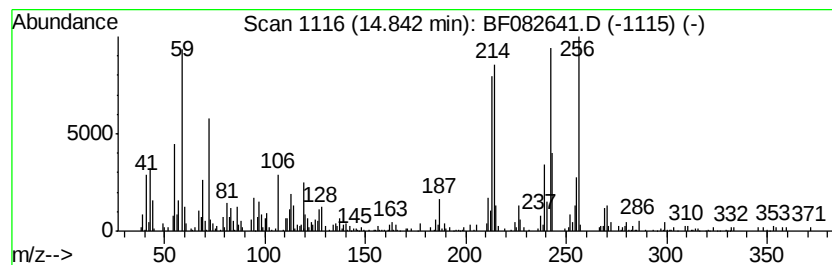
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown14.84 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	5.95 ng	366357	Perylene-d12	15.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diamino-5-methyl-6-phenylthi...	256	C13H12N4S	042160-11-2	25		
2	1-Phenyl-3,6-diazahomoadamantan-...	256	C15H20N4	1000216-29-0	18		
3	4,5,11,12-Tetrahydrobenzo[alpyrene	256	C20H16	109292-58-2	15		
4	2,5-Dihydroxybenzophenone	214	C13H10O3	002050-37-5	14		
5	1H-Benzo[b]1,4-diazepin-2(3H)-on...	256	C12H11F3N2O	298686-25-6	12		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082641.D
Acq On : 2 Nov 2015 20:05
Operator : UM/IZ
Sample : G4234-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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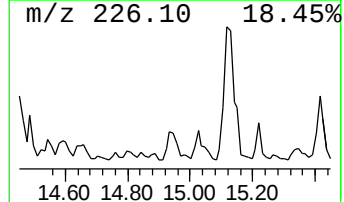
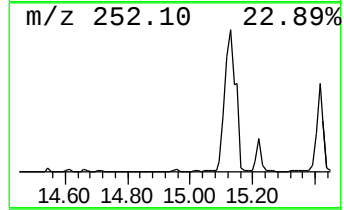
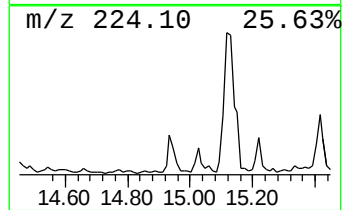
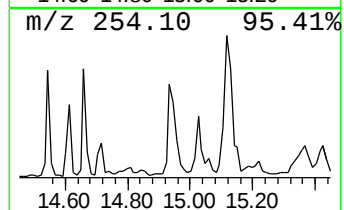
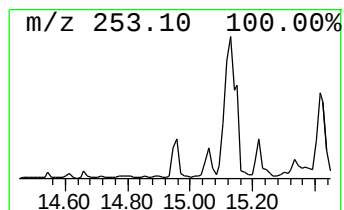
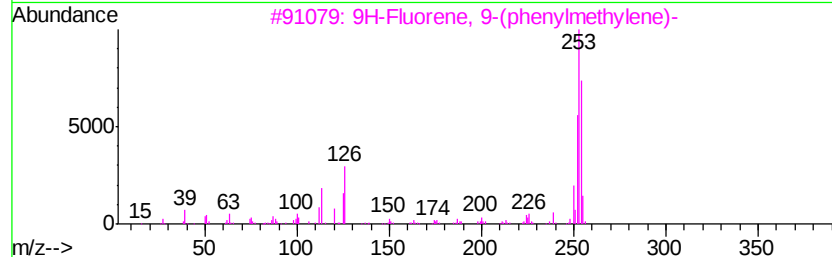
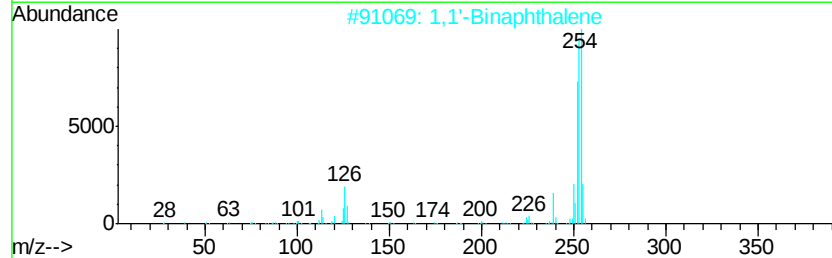
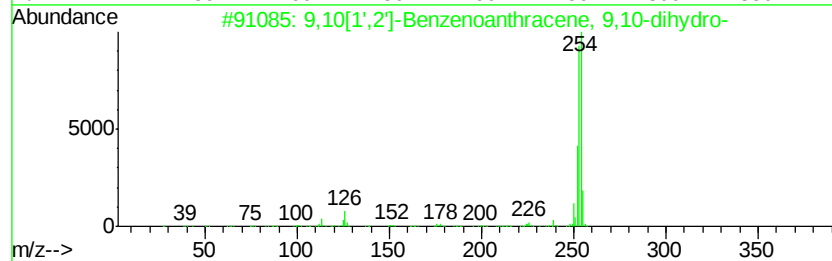
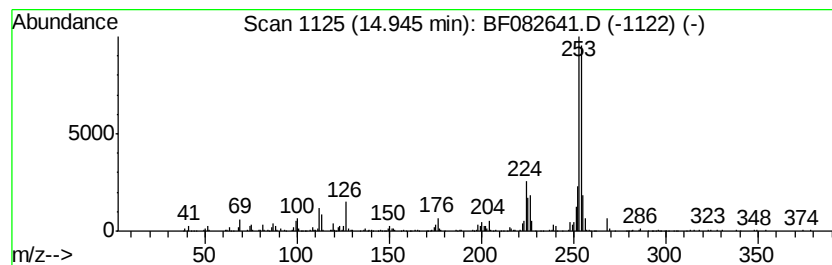
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	12.76 ng	785458	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	72
2		1,1'-Binaphthalene	254	C20H14	000604-53-5	68
3		9H-Fluorene, 9-(phenylmethvlene)-	254	C20H14	001836-87-9	64
4		4,5-Dihydrobenzo[el]pyrene	254	C20H14	095676-42-9	64
5		1,2'-Binaphthalene	254	C20H14	004325-74-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082641.D
Acq On : 2 Nov 2015 20:05
Operator : UM/IZ
Sample : G4234-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
DS-4

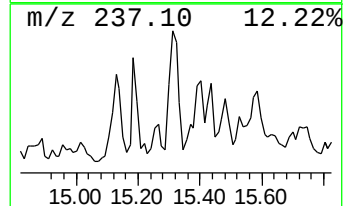
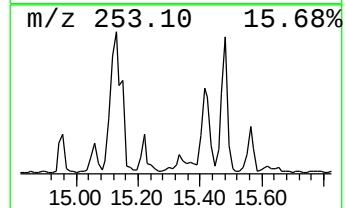
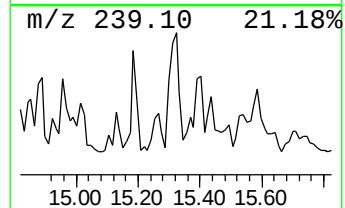
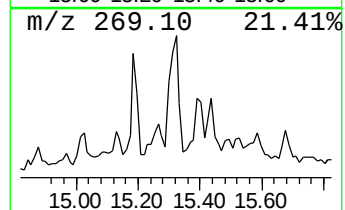
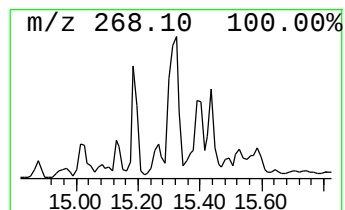
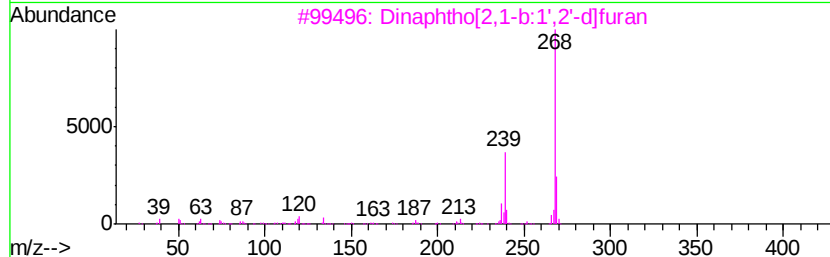
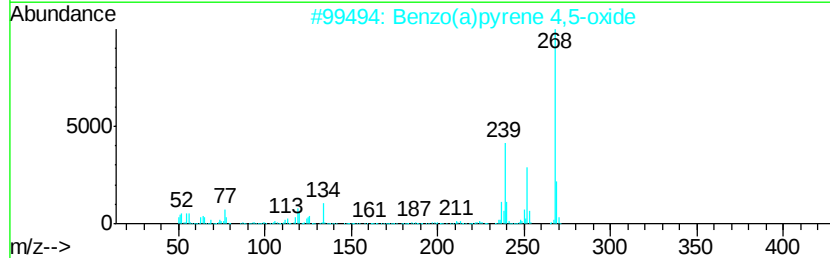
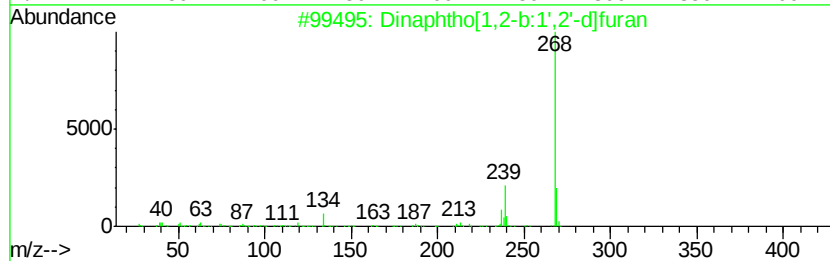
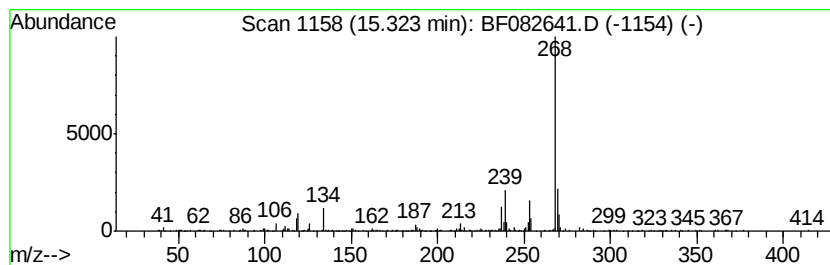
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	10.88 ng	670094	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	91
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	80
3		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	72
4		1-{4-[2-(4-Methoxymethylphenyl)v...	268	C18H20O2	1000202-15-4	64
5		9,10-Anthracenedione, 1,4-diamin...	268	C15H12N2O3	002872-48-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082641.D
Acq On : 2 Nov 2015 20:05
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Sample : G4234-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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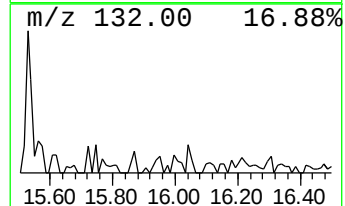
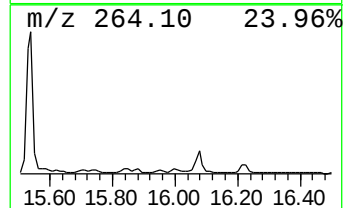
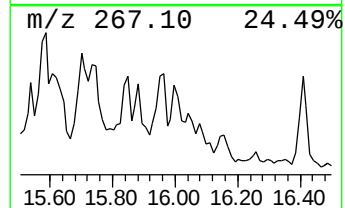
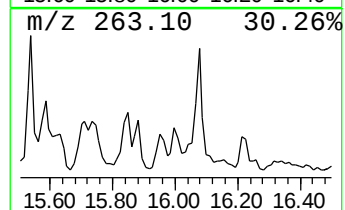
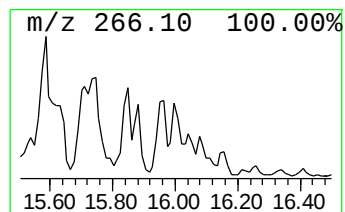
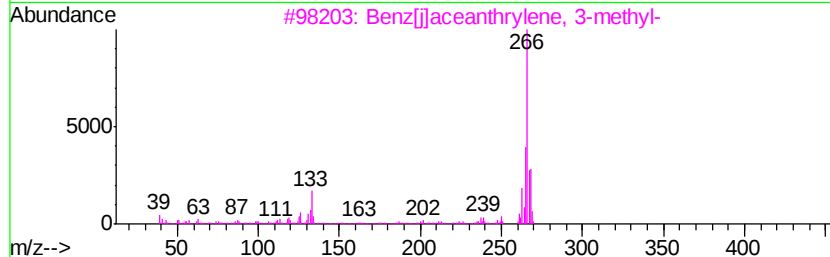
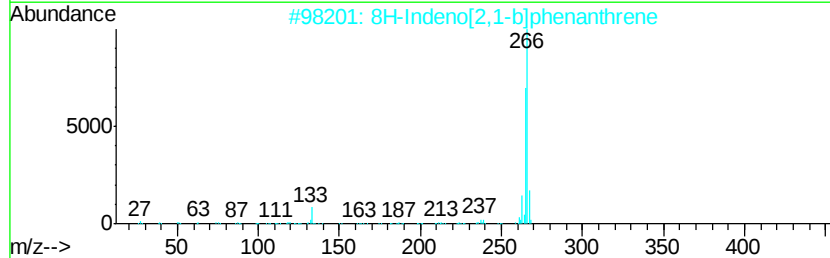
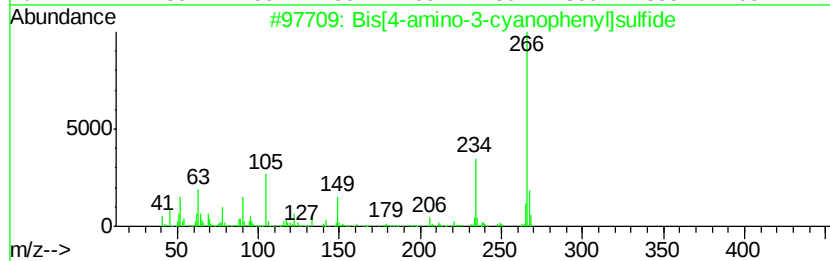
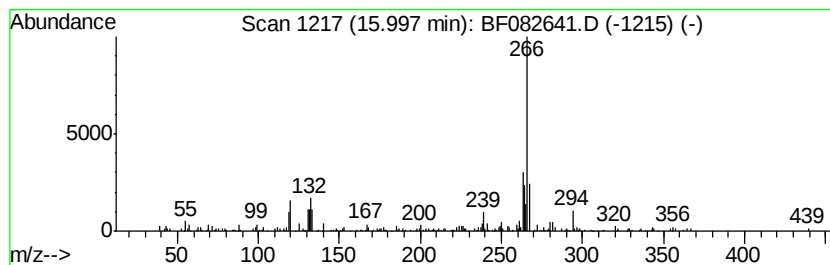
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown16.00 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	5.18 ng	318868	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bis[4-amino-3-cyanophenyl]sulfide	266	C14H10N4S	061382-02-3	49
2		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	47
3		Benz[ilaceanthrylene, 3-methyl-	266	C21H14	003343-10-0	46
4		1-{4-[2-(4-Methoxymethylphenyl)v...	266	C18H18O2	1000202-14-5	43
5		Benzoic acid, 2-[(trimethylsilyl)...	281	C13H23NO2Si2	018406-07-0	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082641.D
Acq On : 2 Nov 2015 20:05
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Misc :
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ClientSampleId :
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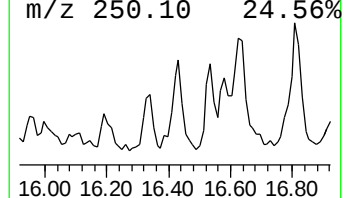
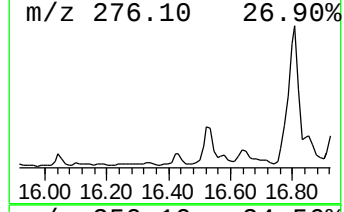
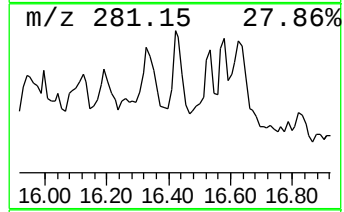
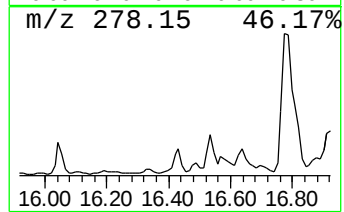
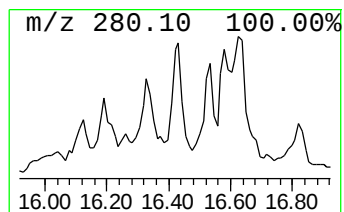
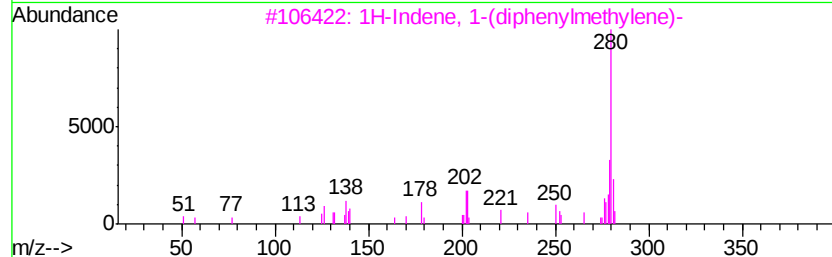
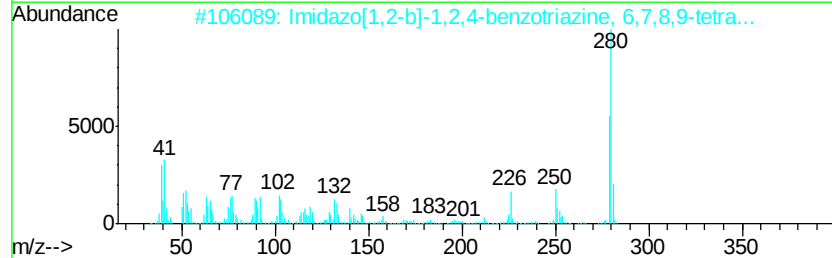
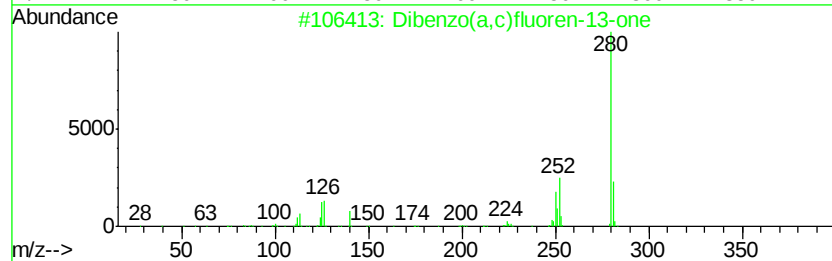
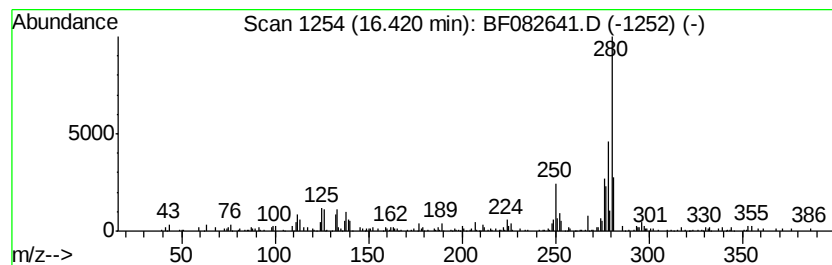
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dibenzo(a,c)fluoren-13-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	5.48 ng	337651	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	50
2		Imidazo[1,2-b]-1,2,4-benzotriazi...	280	C16H16N4O	1000277-17-5	47
3		1H-Indene, 1-(diphenylmethyl)-	280	C22H16	013245-90-4	46
4		Benzoxazole, 2-[2-(4-piperidyl)p...	280	C16H16N4O	1000294-14-8	42
5		Dibenzo[a,c]phenazine	280	C20H12N2	000215-64-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
Data File : BF082641.D
Acq On : 2 Nov 2015 20:05
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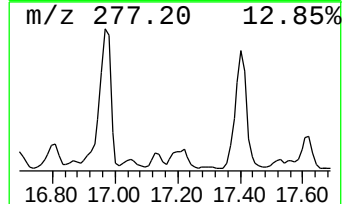
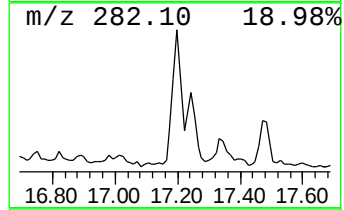
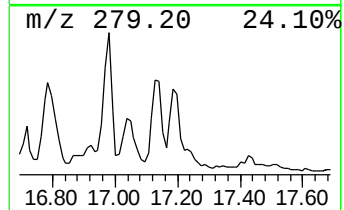
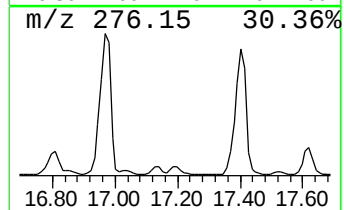
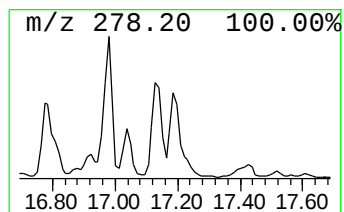
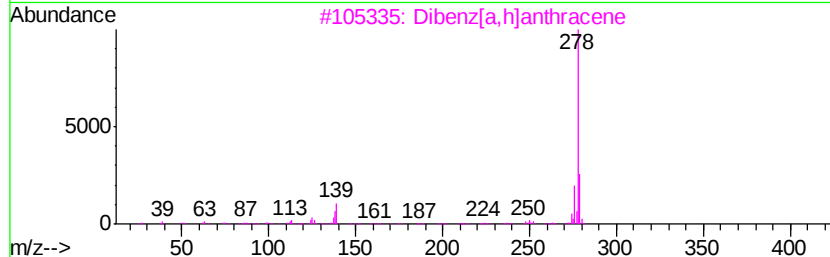
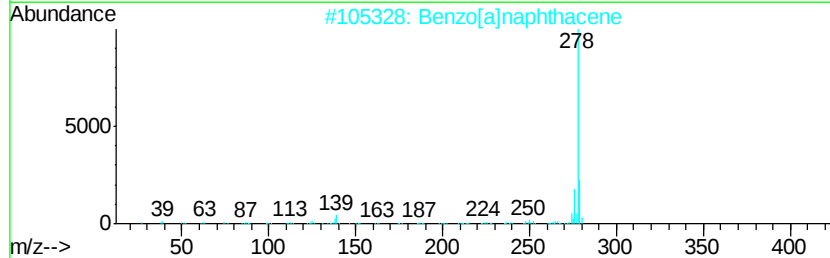
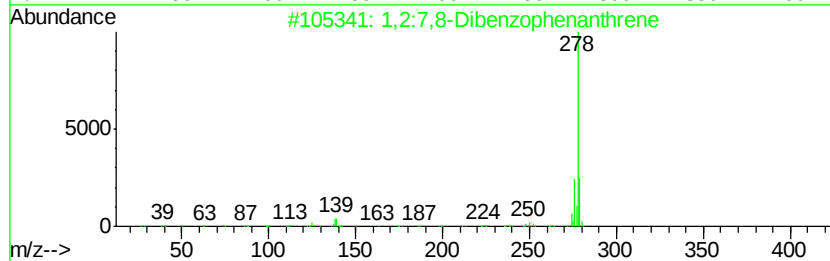
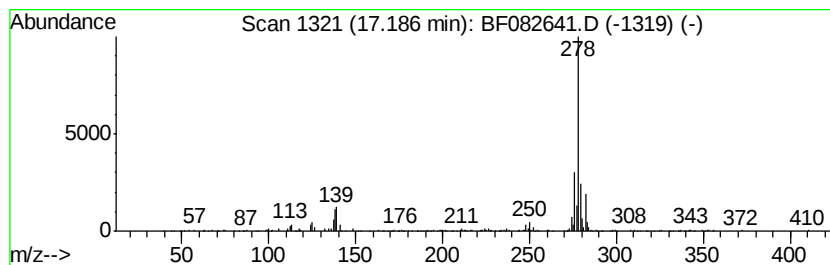
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,2:7,8-Dibenzophenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	5.94 ng	365746	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	95
2		Benzo[a]naphthacene	278	C22H14	000226-88-0	95
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
4		Pentaphene	278	C22H14	000222-93-5	93
5		Benzo[b]chrysene	278	C22H14	000214-17-5	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082641.D
Acq On : 2 Nov 2015 20:05
Operator : UM/IZ
Sample : G4234-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-4

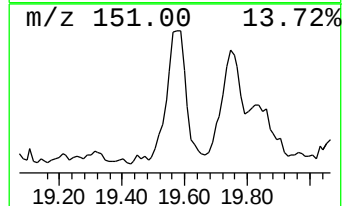
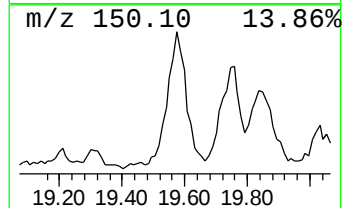
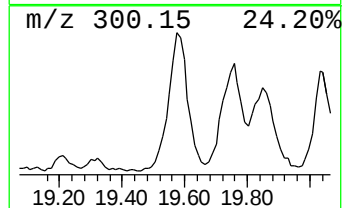
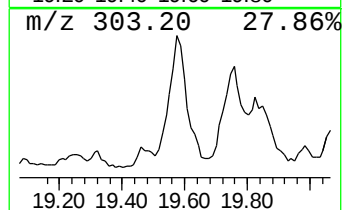
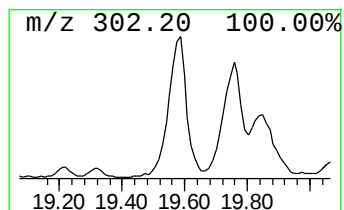
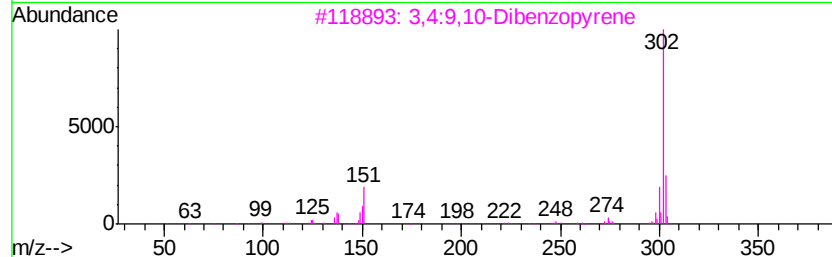
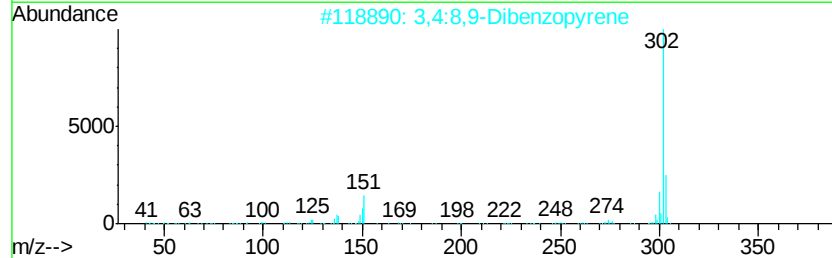
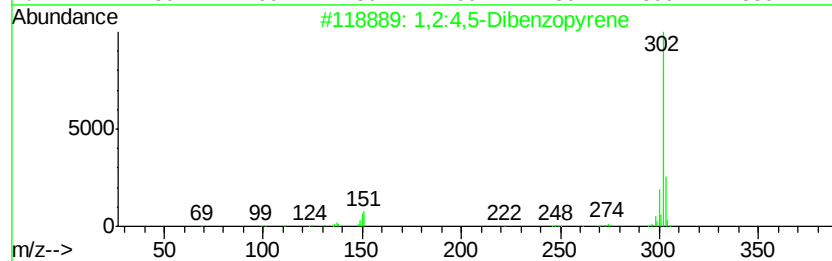
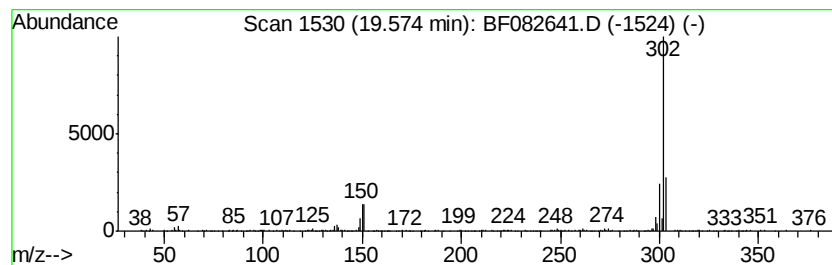
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	19.88 ng	1223940	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	91
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	90
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	90
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082641.D
Acq On : 2 Nov 2015 20:05
Operator : UM/IZ
Sample : G4234-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-4

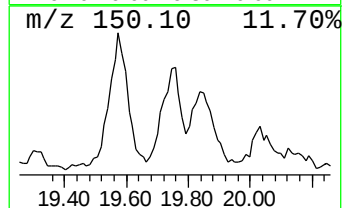
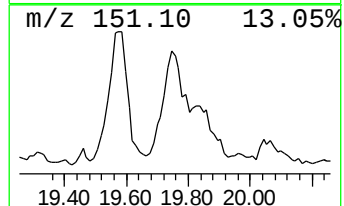
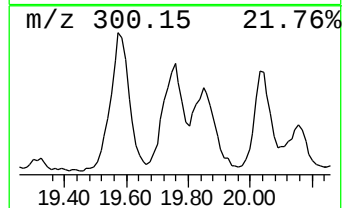
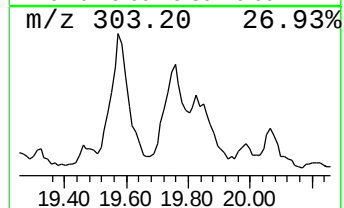
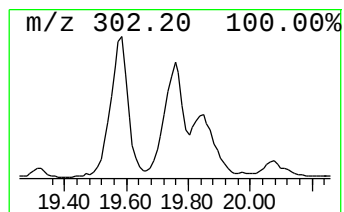
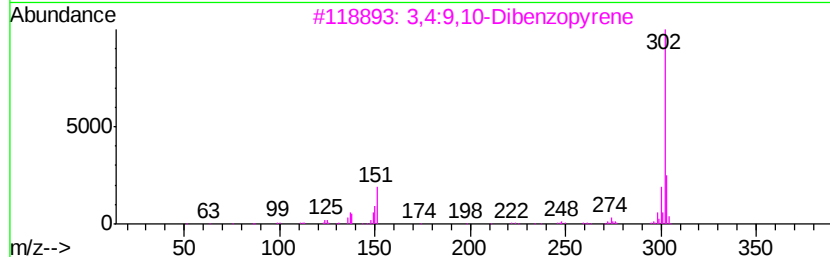
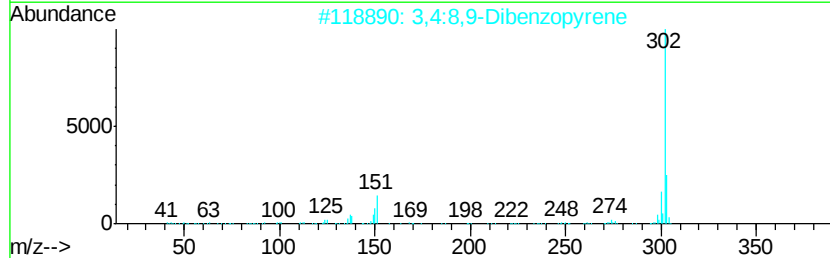
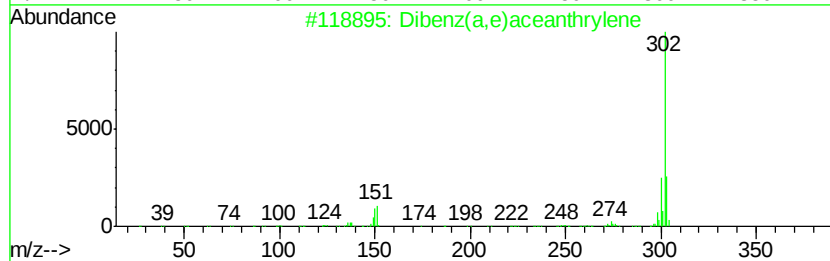
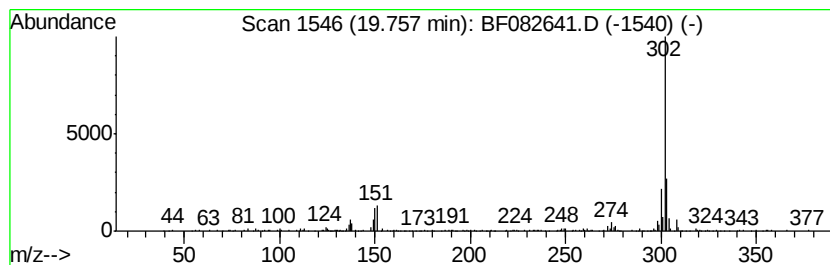
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenz(a,e)aceanthrylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	12.70 ng	781920	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
Data File : BF082641.D
Acq On : 2 Nov 2015 20:05
Operator : UM/IZ
Sample : G4234-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-4

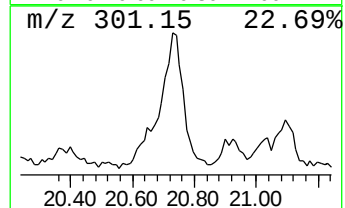
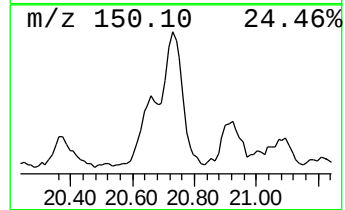
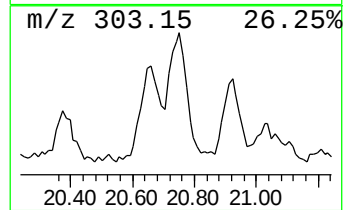
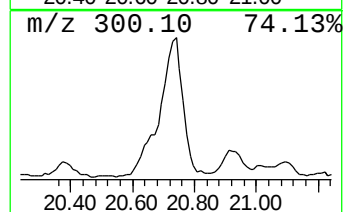
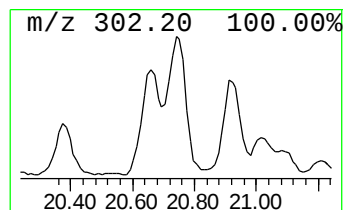
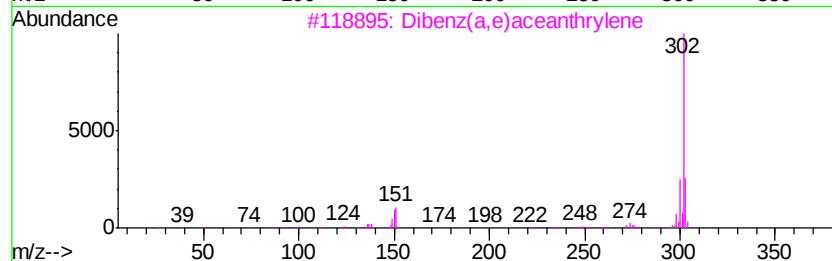
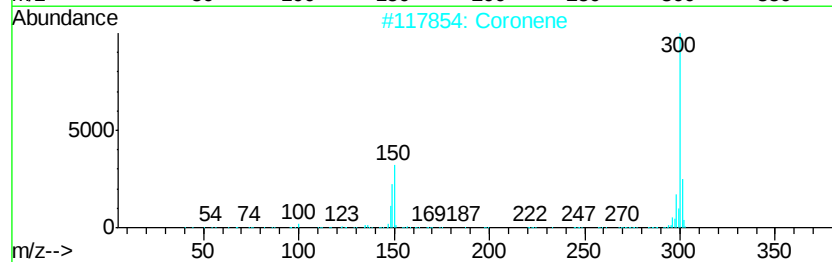
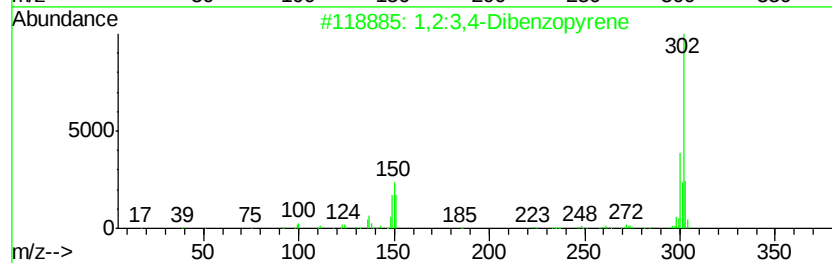
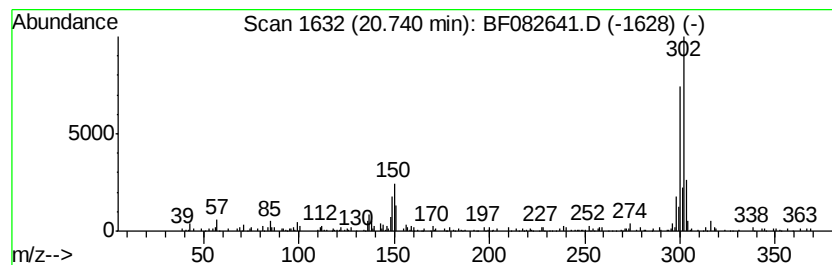
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:3,4-Dibenzopyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	13.92 ng	857469	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	92
2		Coronene	300	C24H12	000191-07-1	64
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	50
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	50
5		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
Data File : BF082641.D
Acq On : 2 Nov 2015 20:05
Operator : UM/IZ
Sample : G4234-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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...	5.08	51.3	ng	3408420	1	6.89	1328000	20.0
unknown6.66	6.66	106.8	ng	7088450	1	6.89	1328000	20.0
1-Isopropenyl naph...	10.54	5.2	ng	418743	3	9.93	1622010	20.0
Benzaldehyde, 3,5...	12.03	6.0	ng	2129440	4	11.41	7102760	20.0
unknown14.84	14.84	6.0	ng	366357	6	15.54	1231600	20.0
9,10[1',2']-Benze...	14.95	12.8	ng	785458	6	15.54	1231600	20.0
Dinaphtho[1,2-b:1...	15.32	10.9	ng	670094	6	15.54	1231600	20.0
unknown16.00	16.00	5.2	ng	318868	6	15.54	1231600	20.0
Dibenzo(a,c)fluor...	16.42	5.5	ng	337651	6	15.54	1231600	20.0
1,2:7,8-Dibenzoph...	17.19	5.9	ng	365746	6	15.54	1231600	20.0
1,2:4,5-Dibenzopy...	19.57	19.9	ng	1223940	6	15.54	1231600	20.0
Dibenz(a,e)aceant...	19.76	12.7	ng	781920	6	15.54	1231600	20.0
1,2:3,4-Dibenzopy...	20.74	13.9	ng	857469	6	15.54	1231600	20.0