

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082334.D
 Acq On : 16 Oct 2015 19:15
 Operator : UM/IZ
 Sample : G4051-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK1-DUP-20151015

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-BF101015.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	5.109	258	260	263	rBV	572004	750223	15.22%	1.066%
2	5.531	295	297	300	rBV	1440411	1332861	27.04%	1.894%
3	6.560	385	387	389	rBV	1564611	1437059	29.15%	2.043%
4	6.697	396	399	401	rBV	1058784	1480477	30.03%	2.104%
5	6.926	417	419	421	rBV	265198	332781	6.75%	0.473%
6	7.074	430	432	435	rVV	1373946	1184603	24.03%	1.684%
7	7.189	438	442	444	rVV3	68453	109511	2.22%	0.156%
8	7.235	444	446	450	rVB	120015	115287	2.34%	0.164%
9	7.486	466	468	473	rVV	1002395	907913	18.42%	1.290%
10	8.206	528	531	535	rBV2	503916	611890	12.41%	0.870%
11	9.280	622	625	627	rBV	1747799	1937569	39.30%	2.754%
12	9.669	657	659	661	rVV	497183	413942	8.40%	0.588%
13	9.818	669	672	674	rBV	474072	431758	8.76%	0.614%
14	9.955	682	684	686	rBV	747862	643484	13.05%	0.915%
15	9.989	686	687	689	rVB	256882	179529	3.64%	0.255%
16	10.161	699	702	704	rVV	197862	230713	4.68%	0.328%
17	10.355	717	719	722	rBV3	65729	138710	2.81%	0.197%
18	10.503	730	732	734	rVB2	280816	304666	6.18%	0.433%
19	10.652	744	745	750	rVB2	97831	107307	2.18%	0.153%
20	10.743	750	753	756	rBV	1441114	1447388	29.36%	2.057%
21	10.858	761	763	767	rVB2	79633	163261	3.31%	0.232%
22	10.949	767	771	774	rBV2	50329	101789	2.06%	0.145%
23	11.052	776	780	781	rBV2	87366	176034	3.57%	0.250%
24	11.178	788	791	792	rBV2	102313	165954	3.37%	0.236%
25	11.246	795	797	799	rBV	337031	298307	6.05%	0.424%
26	11.292	799	801	803	rBV2	140223	176042	3.57%	0.250%
27	11.338	803	805	807	rVB	227540	217375	4.41%	0.309%
28	11.475	812	817	819	rBV2	3787977	4806335	97.50%	6.831%
29	11.521	819	821	823	rVV	880539	866102	17.57%	1.231%
30	11.681	831	835	837	rBV2	328364	604747	12.27%	0.860%
31	11.784	842	844	846	rBV2	150852	211500	4.29%	0.301%
32	11.944	855	858	859	rBV	656626	671172	13.61%	0.954%
33	11.966	859	860	862	rVB	876936	900247	18.26%	1.280%
34	12.024	862	865	866	rVB	145897	201257	4.08%	0.286%

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35	12.058	866	868	872	rVB2	778814	1262275	25.61%	1.794%
36	12.126	872	874	877	rBV4	117130	184277	3.74%	0.262%
37	12.241	880	884	885	rBV	402043	482029	9.78%	0.685%
38	12.264	885	886	889	rVV	351487	475280	9.64%	0.676%
39	12.389	894	897	898	rBV	140743	200289	4.06%	0.285%
40	12.492	903	906	907	rBV	336799	379350	7.70%	0.539%
41	12.526	907	909	912	rVV3	192838	391031	7.93%	0.556%
42	12.584	912	914	917	rVB	373561	444365	9.01%	0.632%
43	12.664	918	921	923	rBV	3104828	4896570	99.33%	6.960%
44	12.721	923	926	928	rVV2	134586	220318	4.47%	0.313%
45	12.755	928	929	931	rVB	260387	190018	3.85%	0.270%
46	12.812	931	934	936	rBV2	214314	360139	7.31%	0.512%
47	12.904	938	942	944	rBV2	3571627	4929794	100.00%	7.007%
48	12.938	944	945	948	rVB2	253149	275351	5.59%	0.391%
49	13.041	949	954	957	rBV3	1754573	2684312	54.45%	3.815%
50	13.121	957	961	963	rBV2	310050	608504	12.34%	0.865%
51	13.224	966	970	972	rVB2	395618	826760	16.77%	1.175%
52	13.258	972	973	975	rBV	85064	127597	2.59%	0.181%
53	13.292	975	976	978	rBV	156625	196139	3.98%	0.279%
54	13.338	978	980	982	rVV2	449609	594276	12.05%	0.845%
55	13.429	986	988	990	rVV	213318	238148	4.83%	0.338%
56	13.464	990	991	995	rVB2	279986	320554	6.50%	0.456%
57	13.532	995	997	1001	rVB3	63112	155950	3.16%	0.222%
58	13.624	1003	1005	1008	rBV4	93617	232800	4.72%	0.331%
59	13.761	1016	1017	1020	rVB	413756	534235	10.84%	0.759%
60	13.887	1025	1028	1029	rBV	393544	556706	11.29%	0.791%
61	13.909	1029	1030	1032	rVV	307295	459945	9.33%	0.654%
62	13.944	1032	1033	1035	rVV2	281788	407920	8.27%	0.580%
63	13.989	1035	1037	1040	rVV2	465840	658025	13.35%	0.935%
64	14.069	1042	1044	1047	rVB2	78471	132296	2.68%	0.188%
65	14.161	1047	1052	1054	rBV2	1785576	3953388	80.19%	5.619%
66	14.195	1054	1055	1059	rVB	1822645	1866017	37.85%	2.652%
67	14.275	1061	1062	1065	rVV	168801	189539	3.84%	0.269%
68	14.321	1065	1066	1070	rVV3	109855	293153	5.95%	0.417%
69	14.424	1072	1075	1076	rVB2	115334	219675	4.46%	0.312%
70	14.550	1084	1086	1087	rVV	124175	128024	2.60%	0.182%
71	14.595	1088	1090	1092	rVV	392057	459352	9.32%	0.653%

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72	14.630	1092	1093	1096	rVV2	167190	277057	5.62%	0.394%
73	14.698	1096	1099	1101	rVV4	121310	256640	5.21%	0.365%
74	14.744	1101	1103	1107	rVV2	134466	303682	6.16%	0.432%
75	14.824	1108	1110	1113	rVB2	135735	192401	3.90%	0.273%
76	14.950	1119	1121	1127	rVB6	101607	267250	5.42%	0.380%
77	15.041	1127	1129	1130	rBV	84904	120666	2.45%	0.172%
78	15.155	1136	1139	1143	rVB2	141836	307515	6.24%	0.437%
79	15.224	1143	1145	1147	rBV2	59734	133216	2.70%	0.189%
80	15.327	1150	1154	1158	rBV	1650103	3792852	76.94%	5.391%
81	15.430	1161	1163	1165	rVV	334785	398650	8.09%	0.567%
82	15.532	1168	1172	1174	rBV2	95048	254327	5.16%	0.361%
83	15.578	1174	1176	1178	rVV	80024	138403	2.81%	0.197%
84	15.624	1178	1180	1184	rVV	831143	1498986	30.41%	2.131%
85	15.704	1184	1187	1189	rVV	1144750	1830661	37.13%	2.602%
86	15.761	1189	1192	1193	rVV	354038	600450	12.18%	0.853%
87	15.784	1193	1194	1199	rVB2	384113	601561	12.20%	0.855%
88	16.801	1280	1283	1286	rBV5	53721	135226	2.74%	0.192%
89	17.053	1302	1305	1307	rBV2	81563	201852	4.09%	0.287%
90	17.258	1319	1323	1327	rVB2	576103	1276538	25.89%	1.814%
91	17.327	1327	1329	1333	rVB	53161	112553	2.28%	0.160%
92	17.430	1335	1338	1341	rBV2	106896	279991	5.68%	0.398%
93	17.487	1341	1343	1346	rVB2	86227	160935	3.26%	0.229%
94	17.716	1358	1363	1370	rVB	476775	1119601	22.71%	1.591%
95	17.944	1380	1383	1392	rVB2	116674	330532	6.70%	0.470%
96	19.990	1557	1562	1571	rVB	121132	470651	9.55%	0.669%
97	20.184	1573	1579	1583	rVV	87454	343548	6.97%	0.488%
98	20.253	1583	1585	1597	rVB2	59208	299511	6.08%	0.426%
99	21.133	1657	1662	1666	rBV	42884	166715	3.38%	0.237%
100	21.236	1668	1671	1682	rVV2	78774	292684	5.94%	0.416%

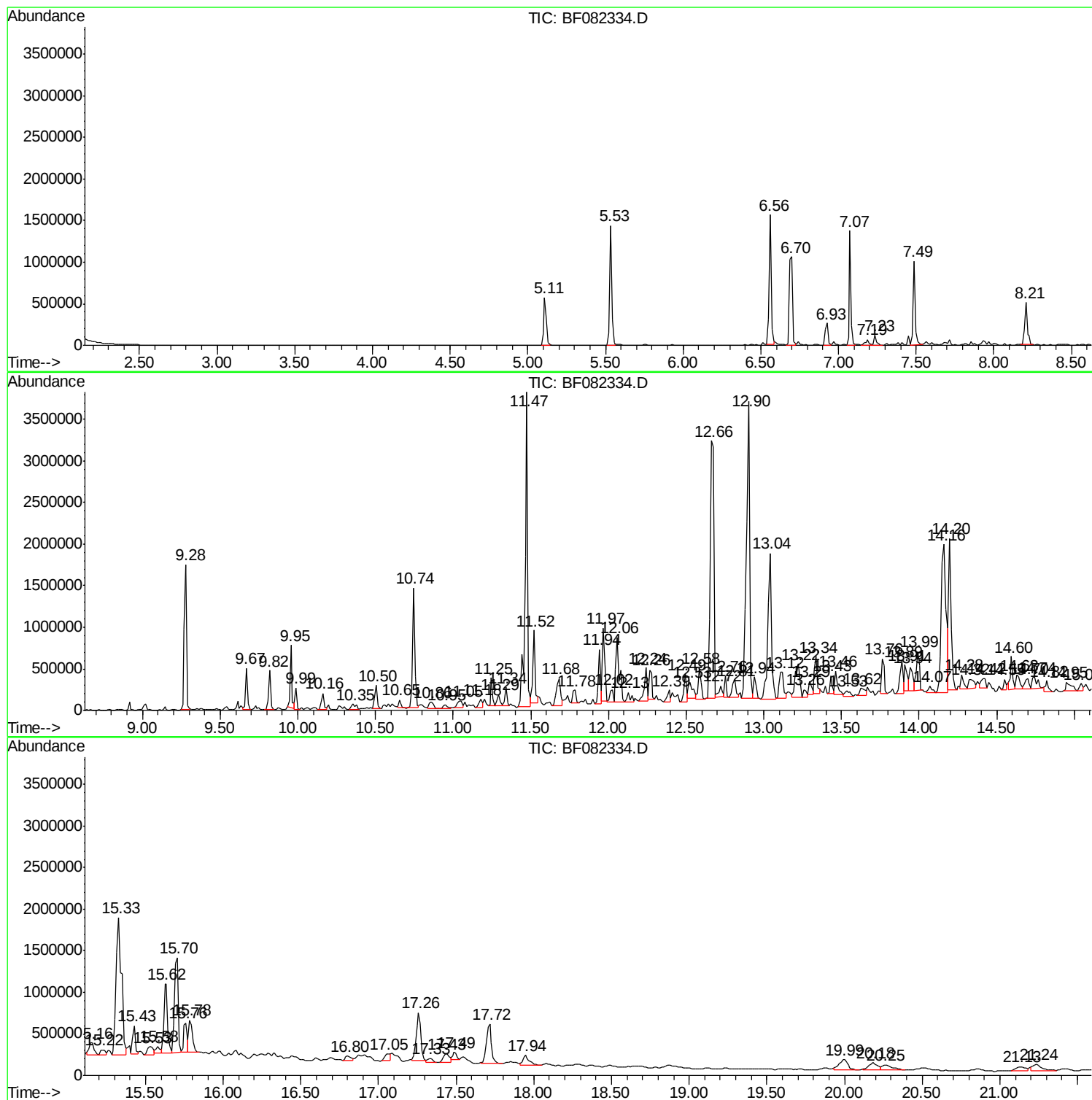
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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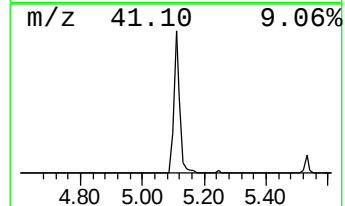
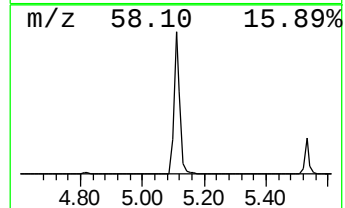
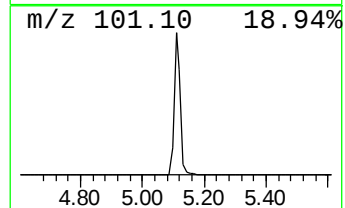
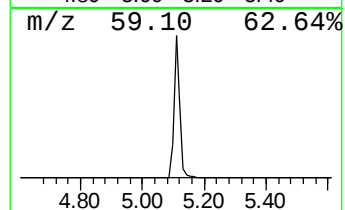
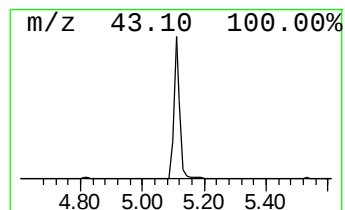
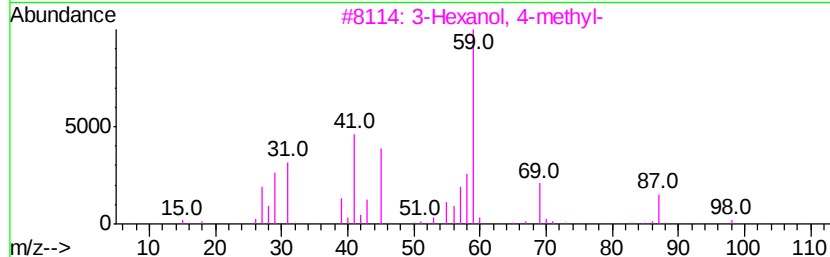
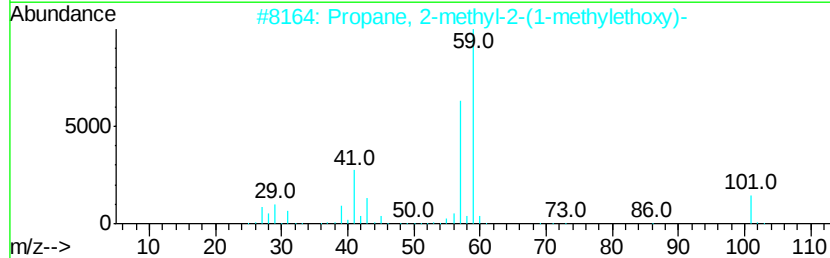
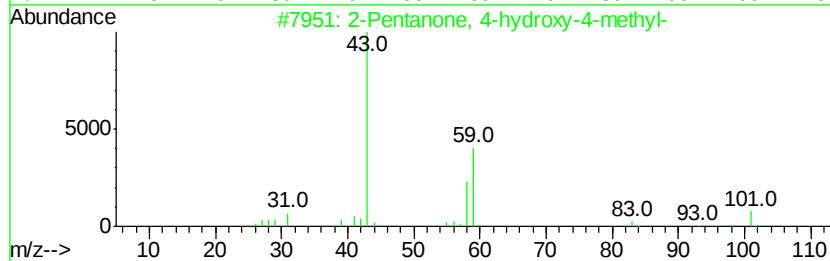
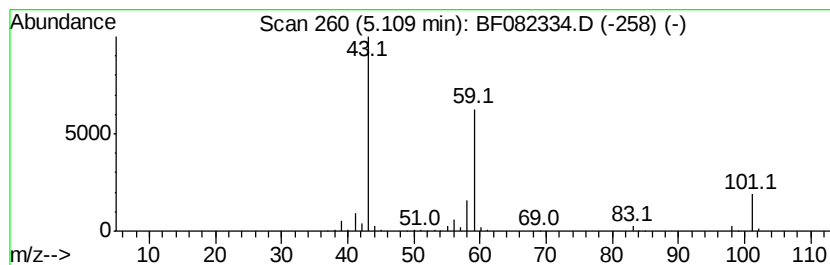
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.11	45.09 ng	750223	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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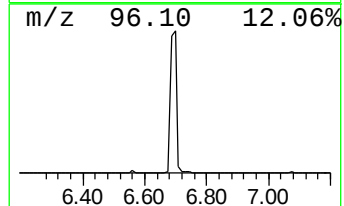
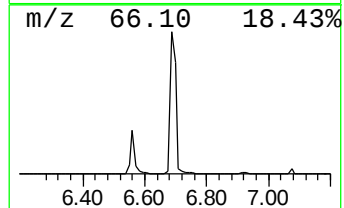
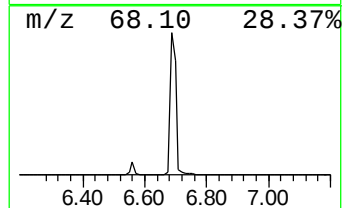
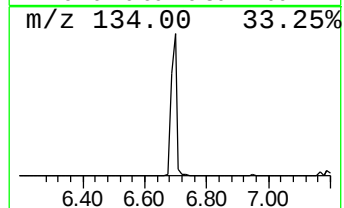
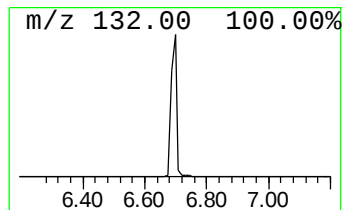
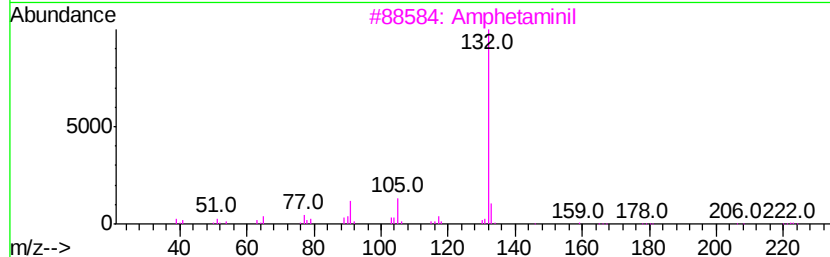
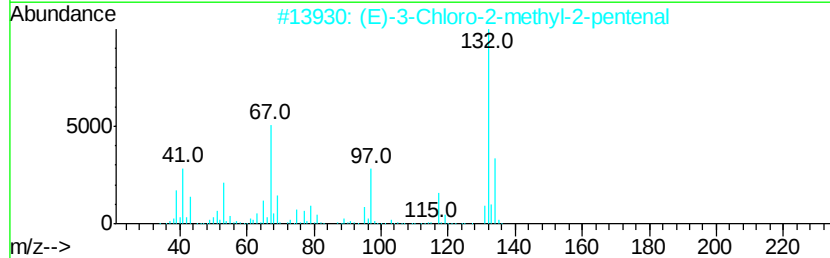
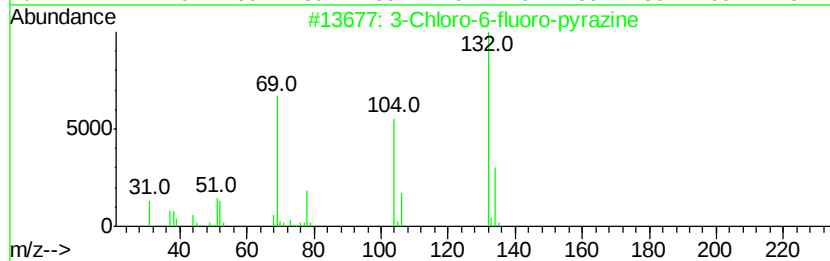
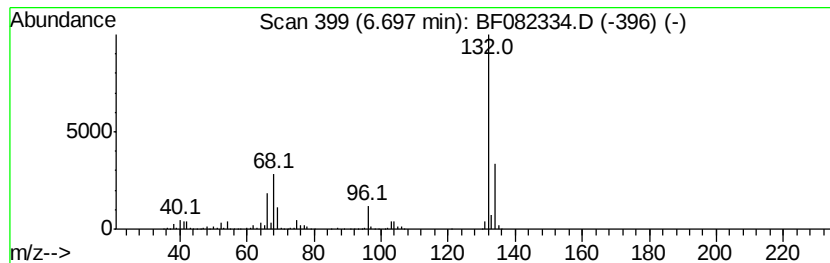
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 3-Chloro-6-fluoro-pyrazine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	88.98 ng	1480480	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	50
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	33
3		Amphetaminil	250	C17H18N2	017590-01-1	28
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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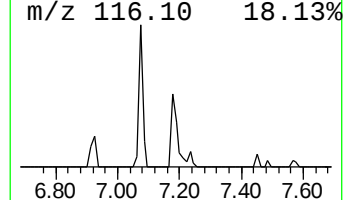
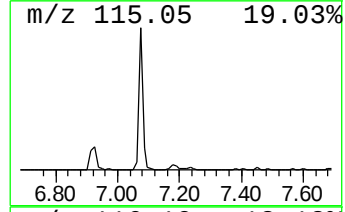
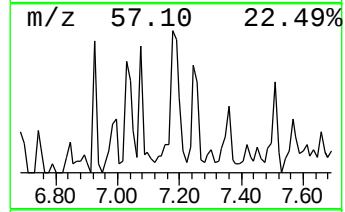
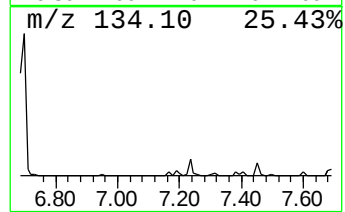
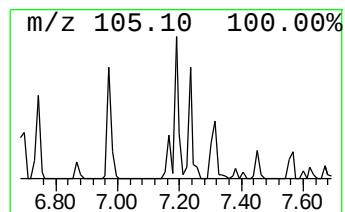
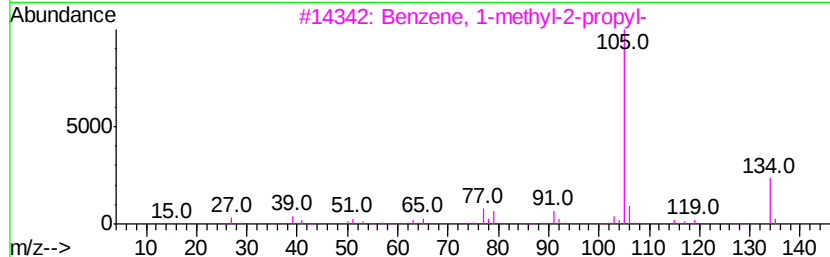
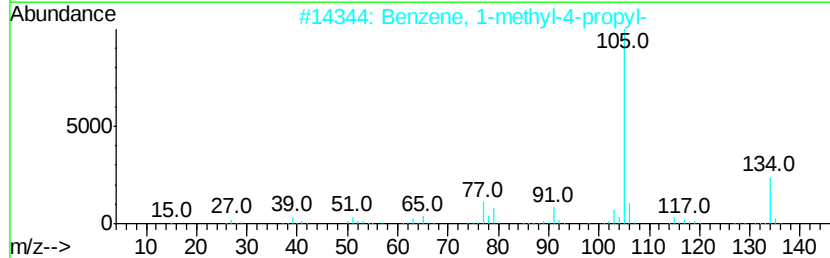
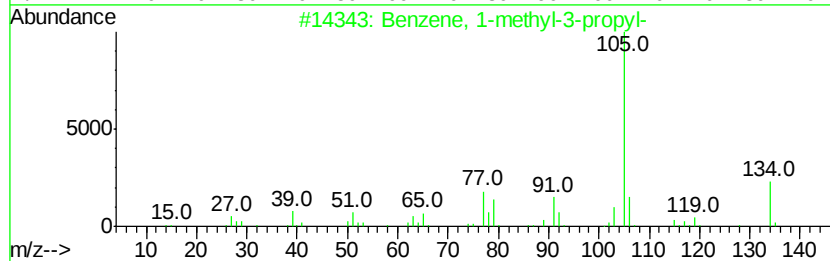
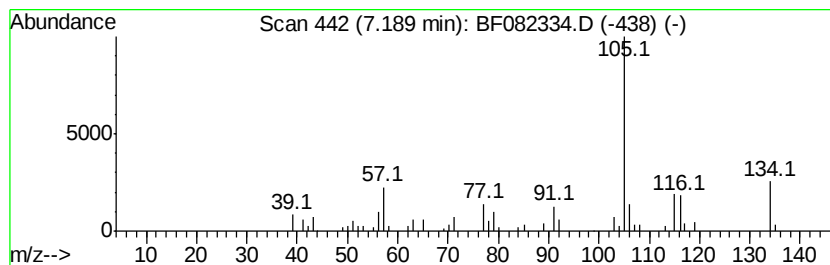
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	6.58 ng	109511	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	58
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	58
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	52
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082334.D
Acq On : 16 Oct 2015 19:15
Operator : UM/IZ
Sample : G4051-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK1-DUP-20151015

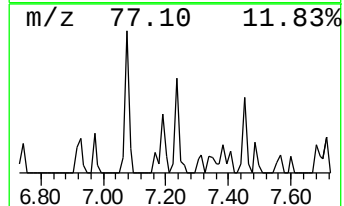
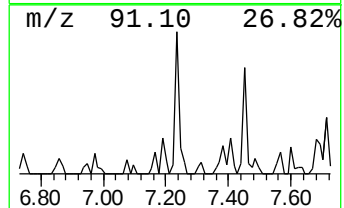
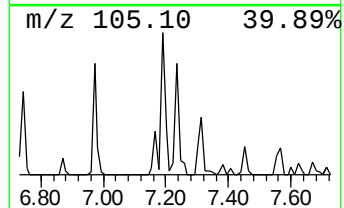
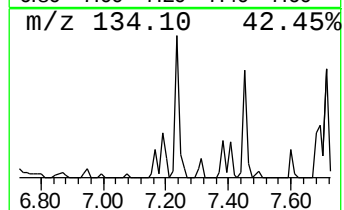
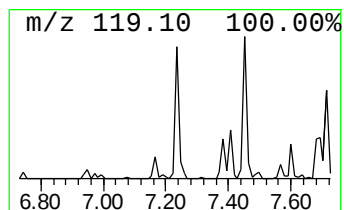
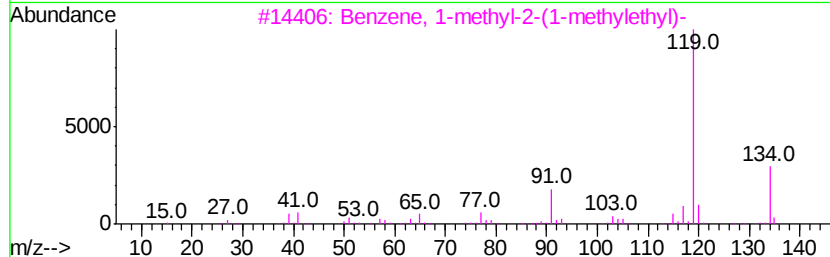
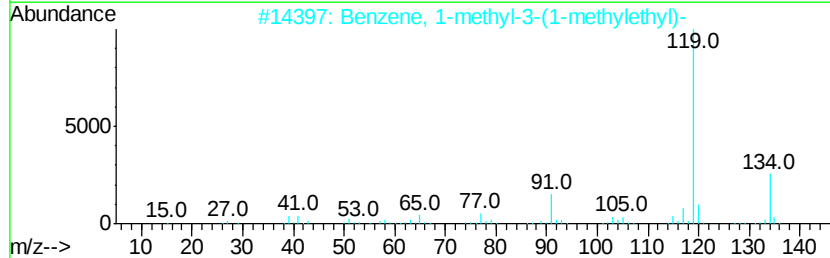
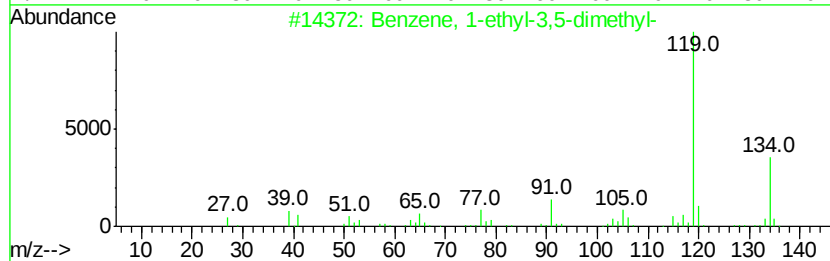
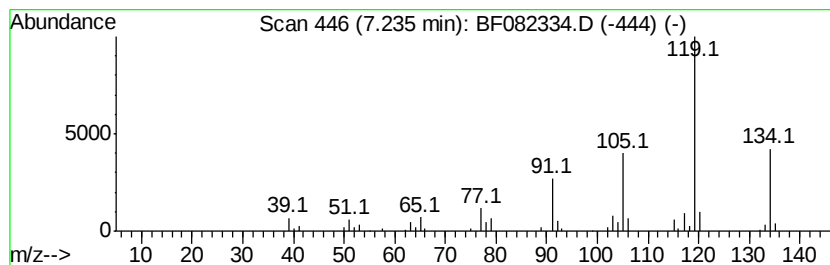
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	6.93 ng	115287	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
3		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	93
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082334.D
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Misc :
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ClientSampleId :
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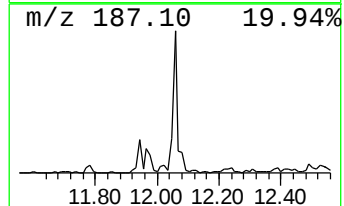
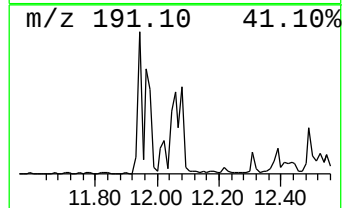
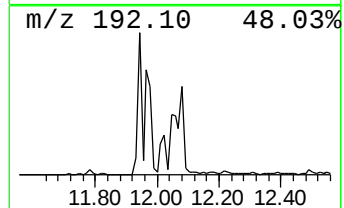
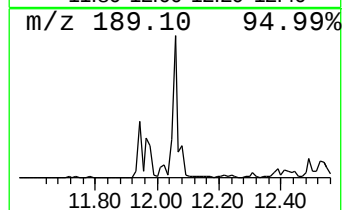
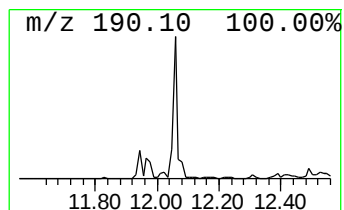
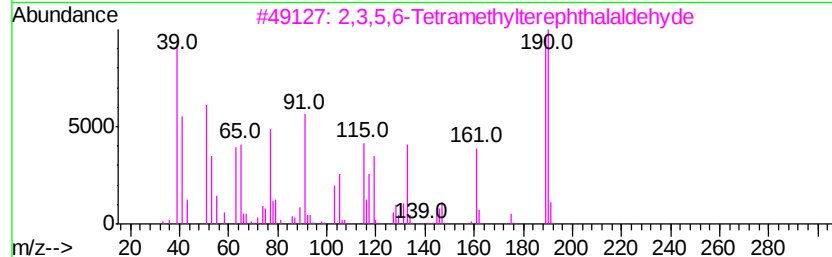
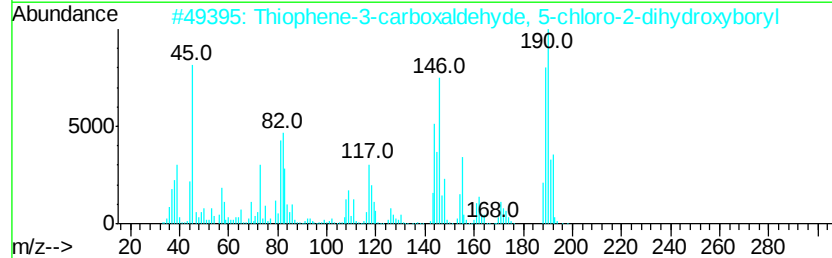
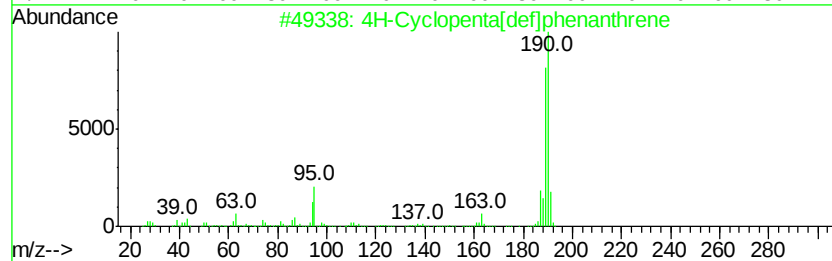
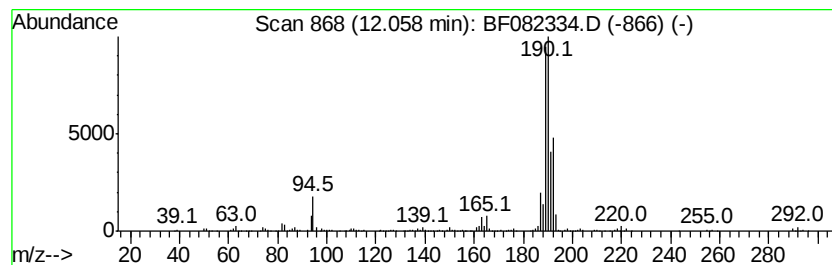
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	5.25 ng	1262280	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
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ClientSampleId :
TK1-DUP-20151015

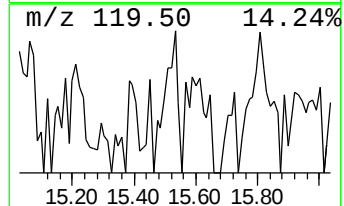
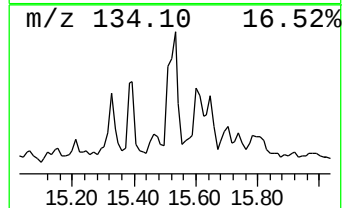
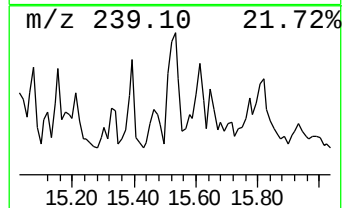
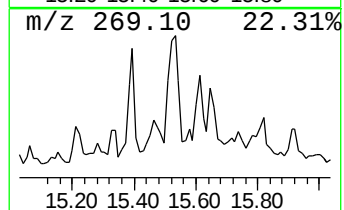
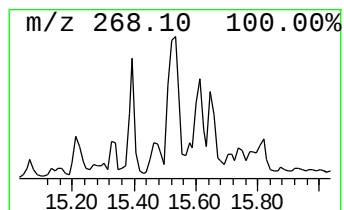
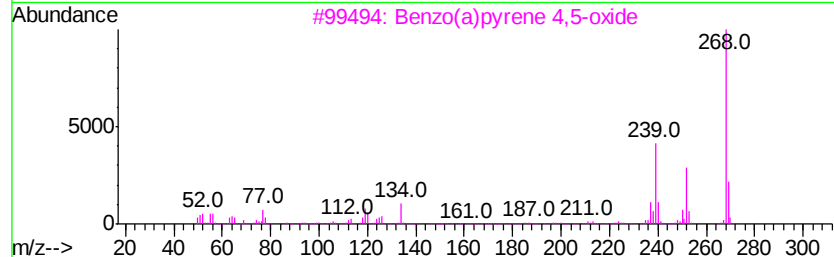
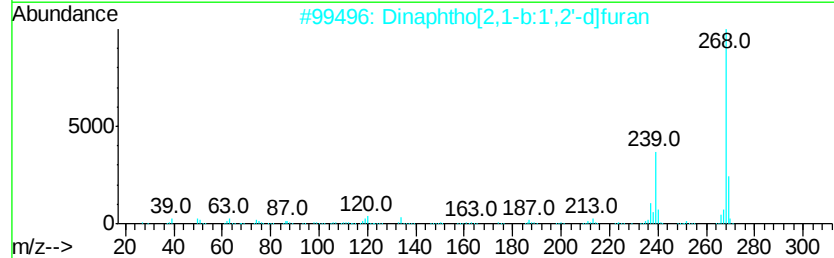
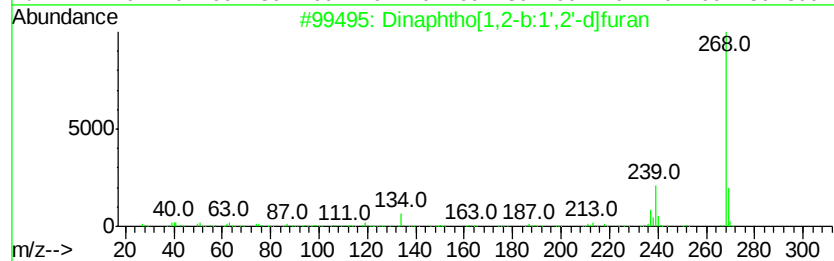
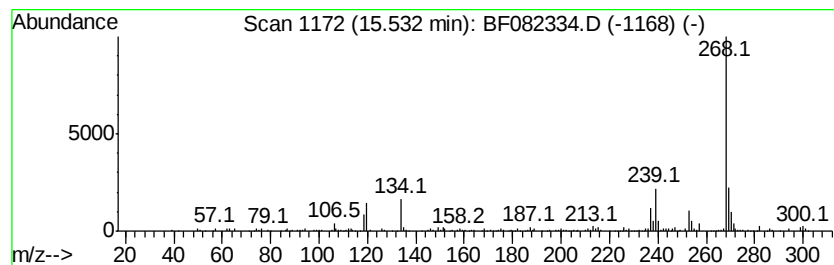
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	8.47 ng	254327	Perylene-d12	15.76

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	81
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
4		trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	52
5		trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082334.D
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Instrument :
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ClientSampleId :
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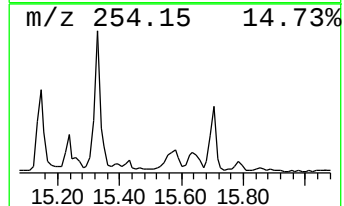
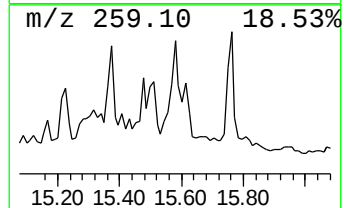
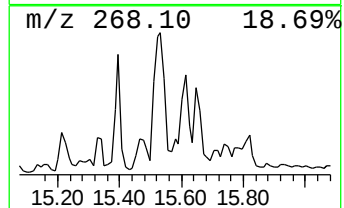
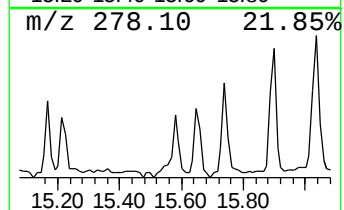
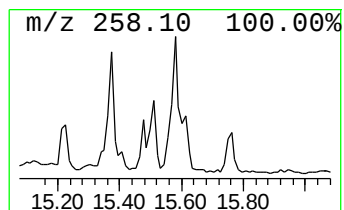
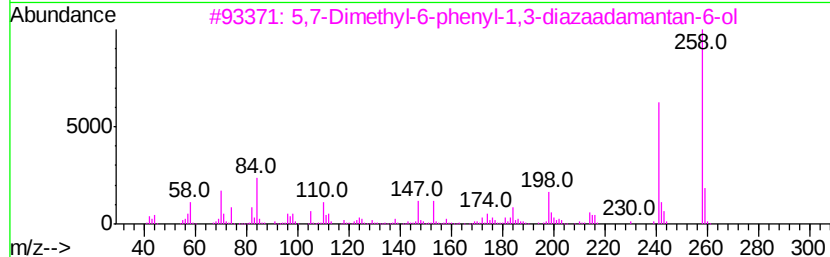
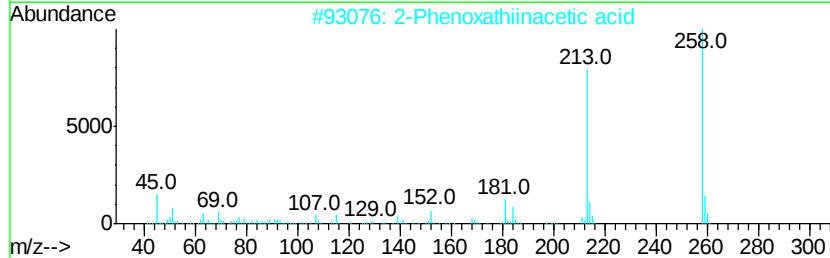
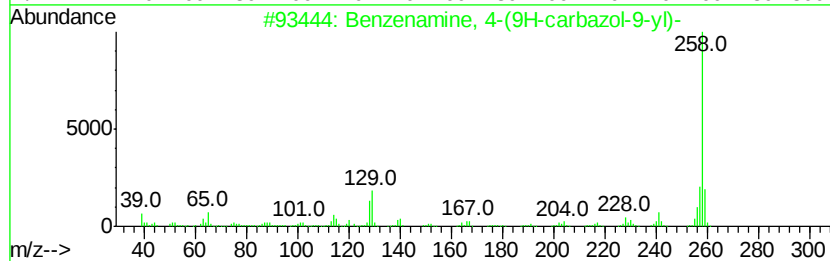
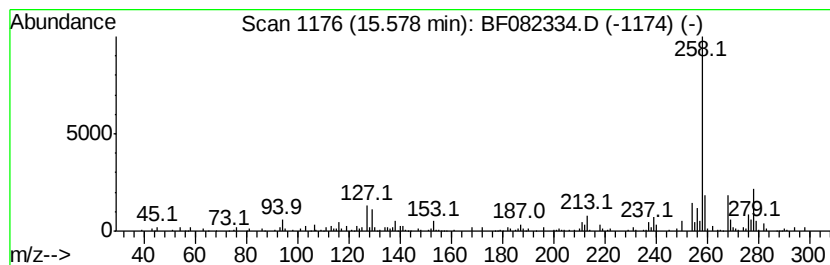
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown15.58 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	4.61 ng	138403	Perylene-d12	15.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenamine, 4-(9H-carbazol-9-yl)-	258	C18H14N2	052708-37-9	47
2			2-Phenoxathiinacetic acid	258	C14H10O3S	1000255-99-3	46
3			5,7-Dimethyl-6-phenyl-1,3-diazaa...	258	C16H22N2O	1000216-37-9	43
4			2H-Pyran-2-one, 4-methoxy-6-(E)...	258	C15H14O4	013709-16-5	37
5			4,5-Dimethoxy-2-biphenylcarboxyl...	258	C15H14O4	162137-38-4	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
Data File : BF082334.D
Acq On : 16 Oct 2015 19:15
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Misc :
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ClientSampleId :
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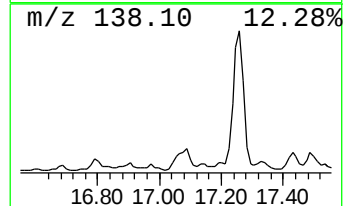
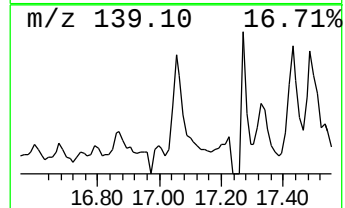
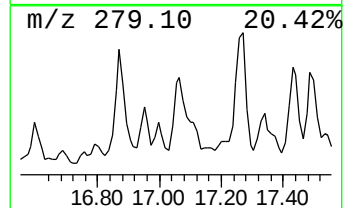
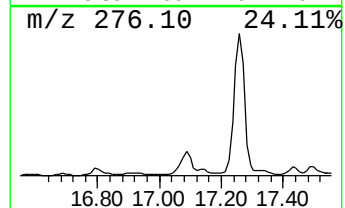
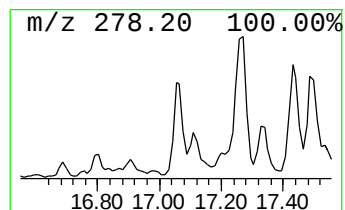
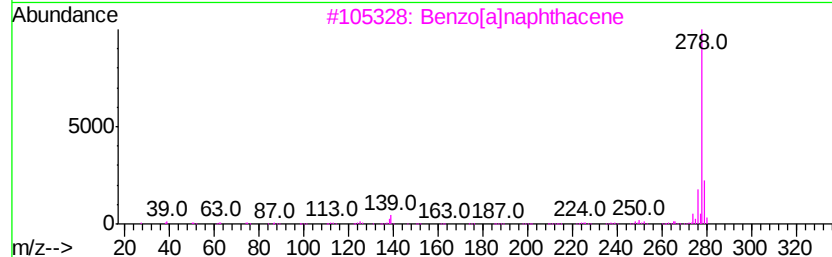
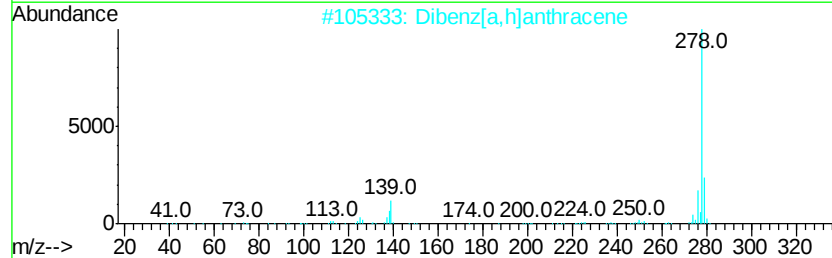
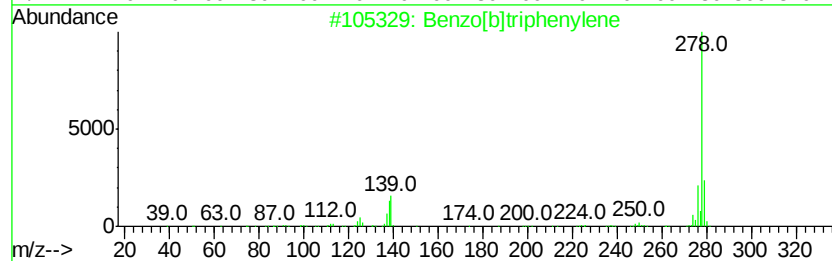
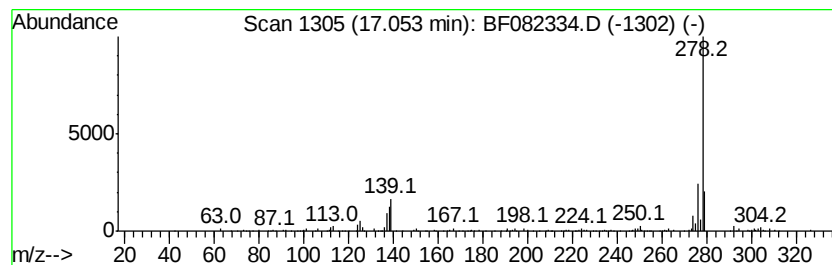
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	6.72 ng	201852	Perylene-d12	15.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
3		Benzo[a]naphthacene	278	C22H14	000226-88-0	90
4		p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	81
5		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
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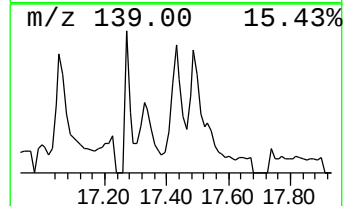
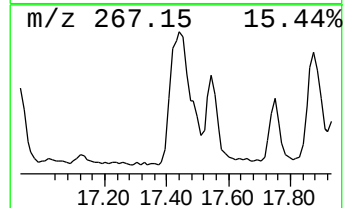
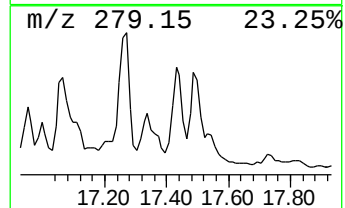
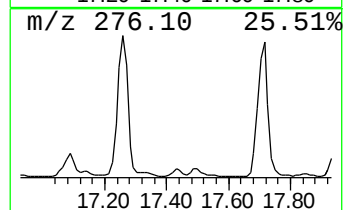
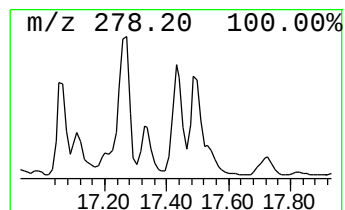
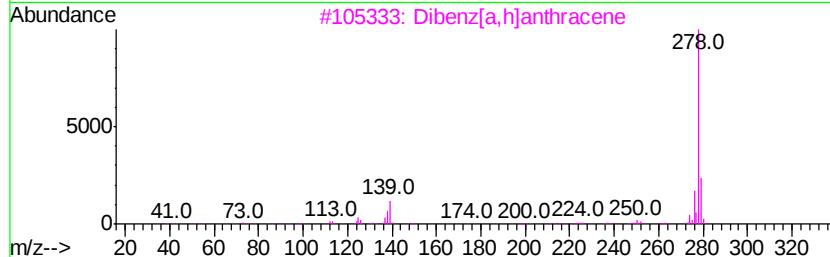
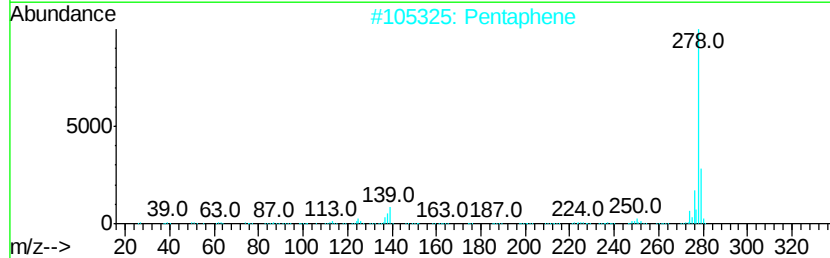
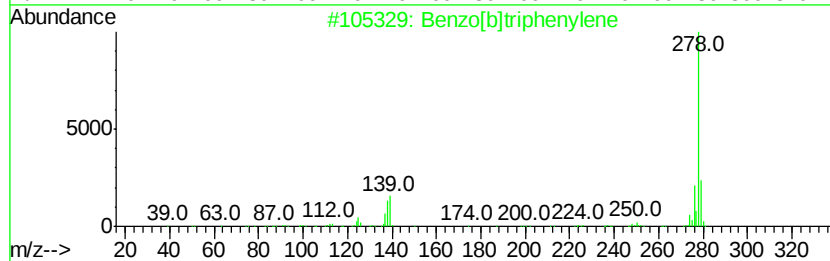
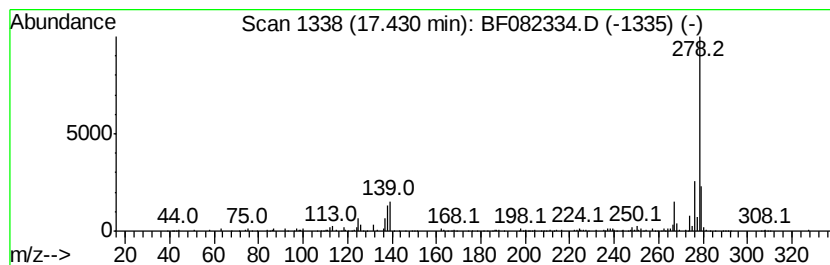
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentaphene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	9.33 ng	279991	Perylene-d12	15.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2		Pentaphene	278	C22H14	000222-93-5	93
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
4		Pentacene	278	C22H14	000135-48-8	93
5		Benzo[b]chrysene	278	C22H14	000214-17-5	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082334.D
Acq On : 16 Oct 2015 19:15
Operator : UM/IZ
Sample : G4051-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

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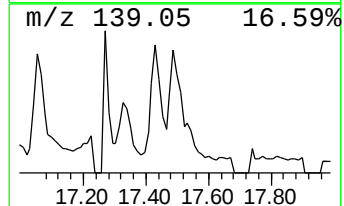
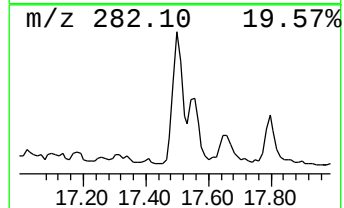
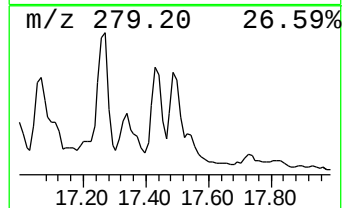
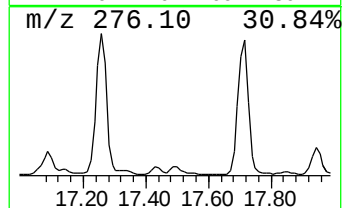
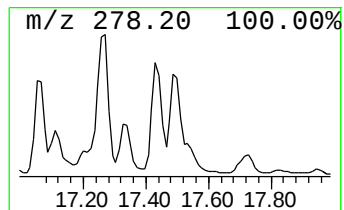
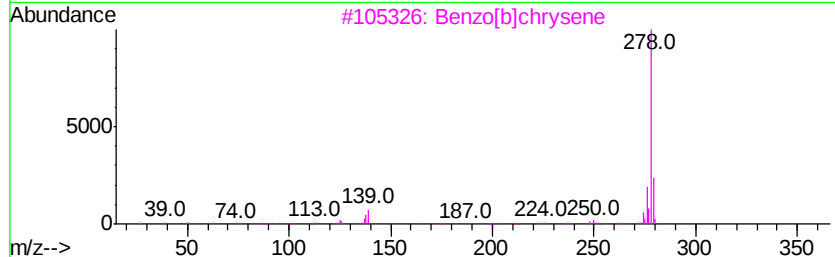
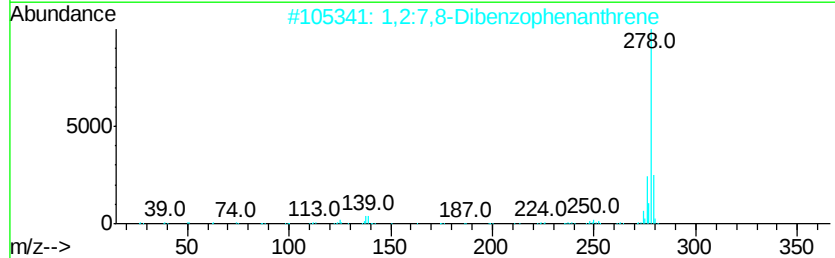
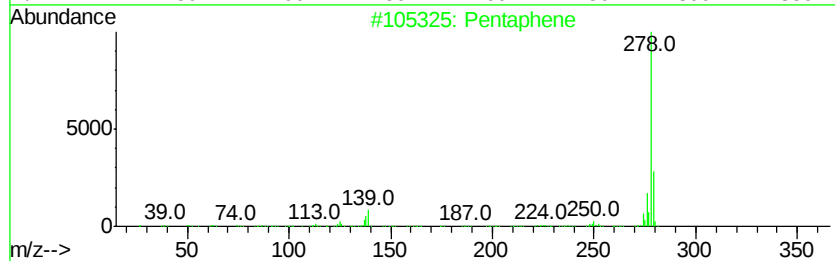
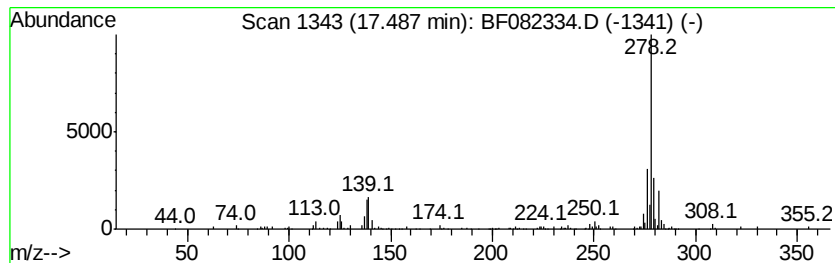
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,2:7,8-Dibenzophenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	5.36 ng	160935	Perylene-d12	15.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentaphene	278	C22H14	000222-93-5	97
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	96
3		Benzo[b]chrysene	278	C22H14	000214-17-5	96
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	96
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
Data File : BF082334.D
Acq On : 16 Oct 2015 19:15
Operator : UM/IZ
Sample : G4051-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK1-DUP-20151015

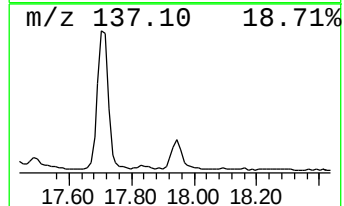
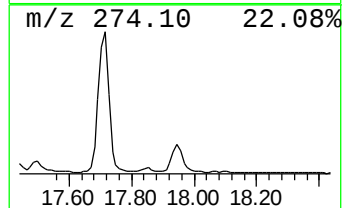
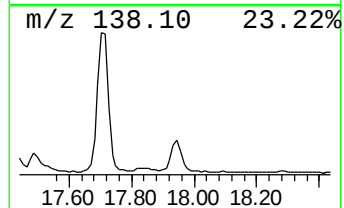
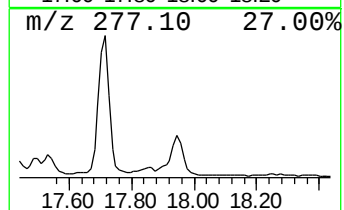
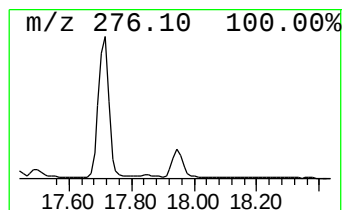
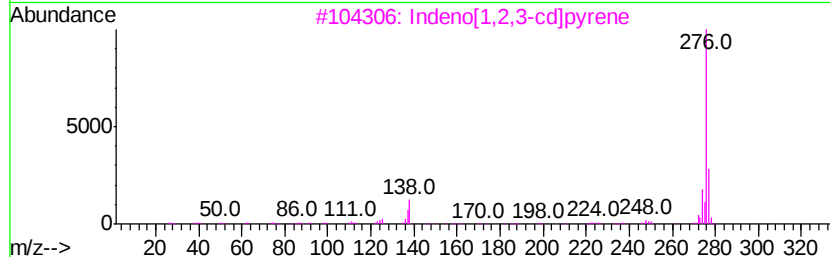
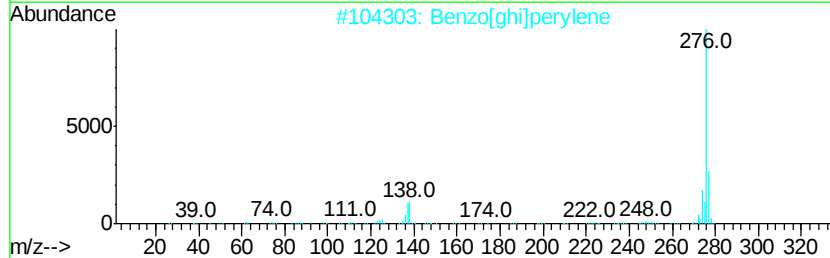
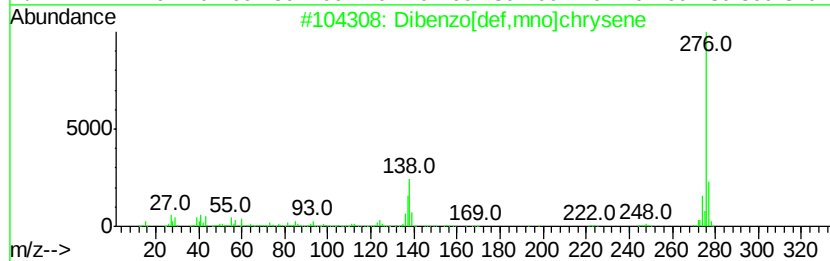
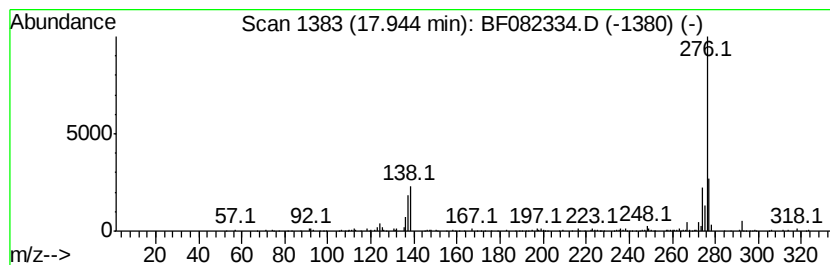
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	11.01 ng	330532	Perylene-d12	15.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	95
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
4		Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	50
5		2-Dodecyl-p-cresol	276	C19H32O	025912-91-8	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
Data File : BF082334.D
Acq On : 16 Oct 2015 19:15
Operator : UM/IZ
Sample : G4051-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TK1-DUP-20151015

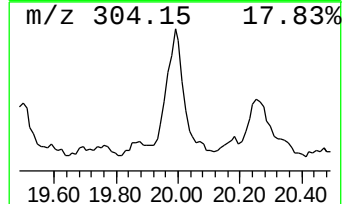
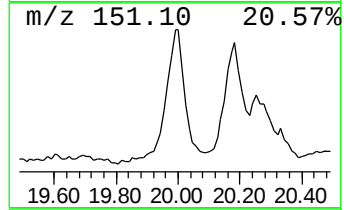
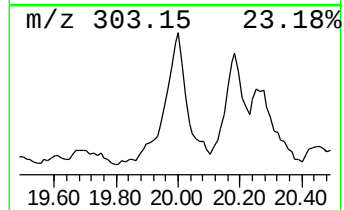
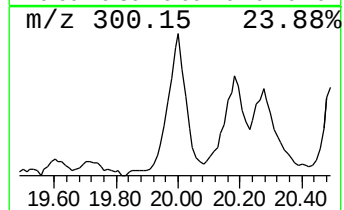
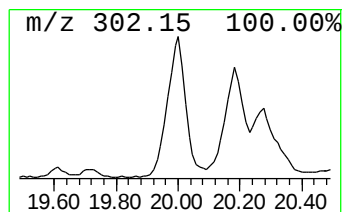
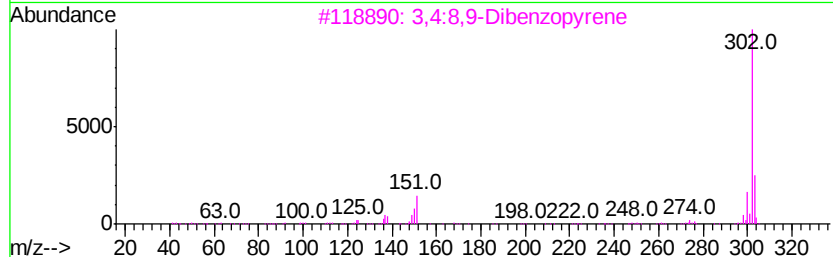
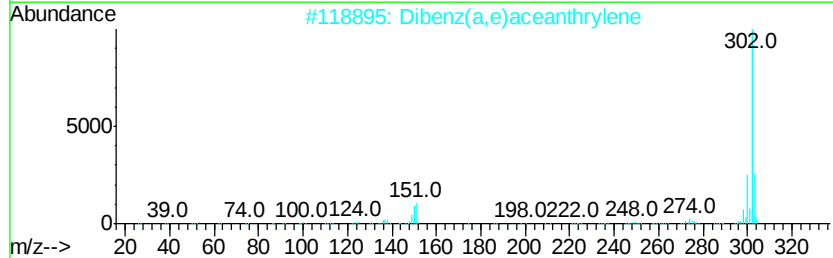
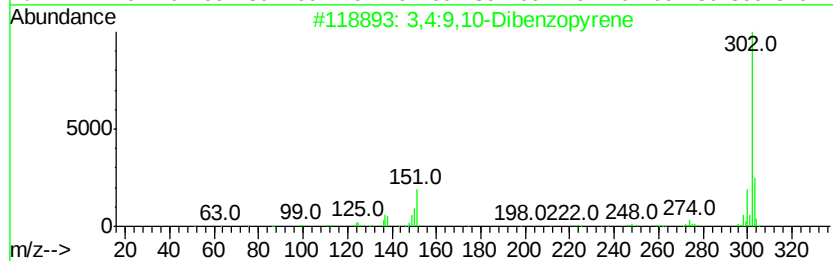
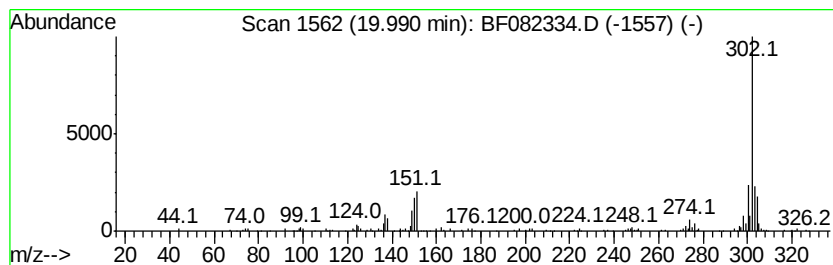
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3,4:9,10-Dibenzopyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	15.68 ng	470651	Perylene-d12	15.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	98
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	89
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
Data File : BF082334.D
Acq On : 16 Oct 2015 19:15
Operator : UM/IZ
Sample : G4051-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TK1-DUP-20151015

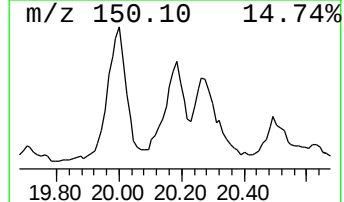
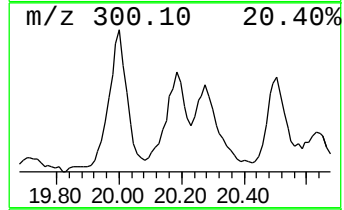
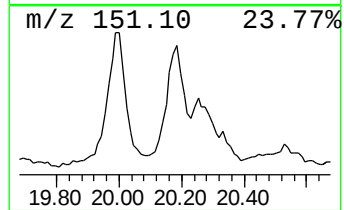
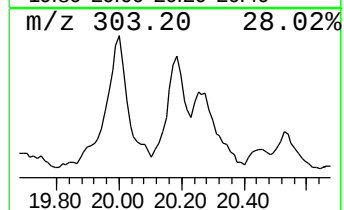
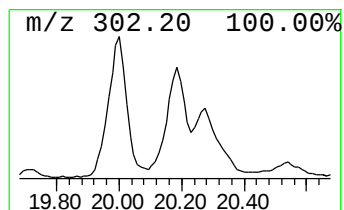
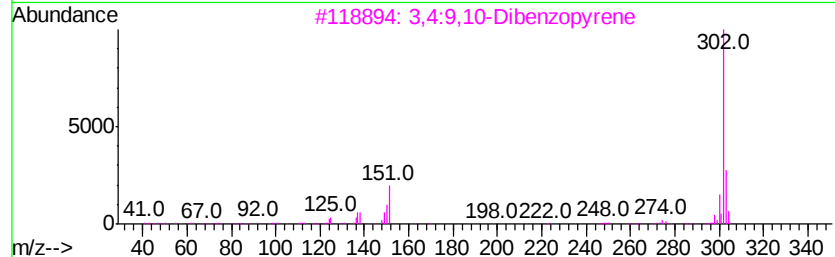
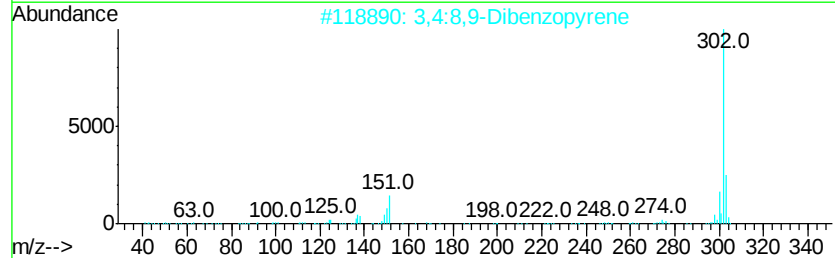
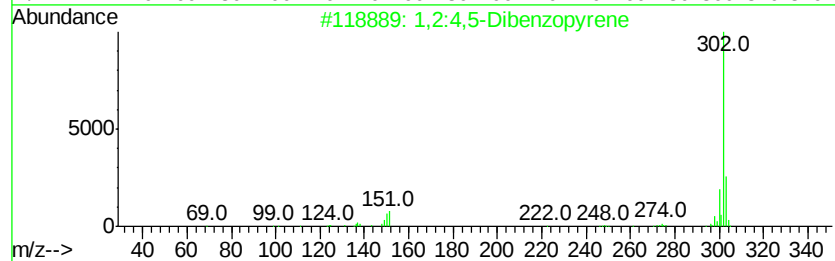
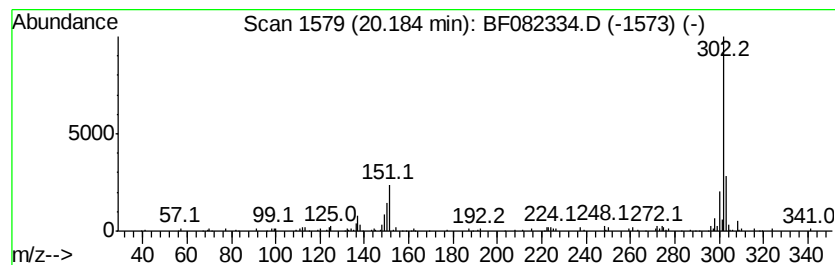
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,2:4,5-Dibenzopyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	11.44 ng	343548	Perylene-d12	15.76

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	95
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	90
4		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	70
5		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
Data File : BF082334.D
Acq On : 16 Oct 2015 19:15
Operator : UM/IZ
Sample : G4051-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TK1-DUP-20151015

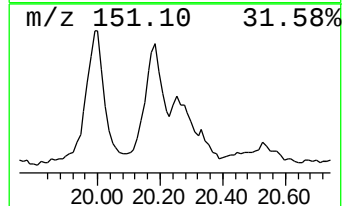
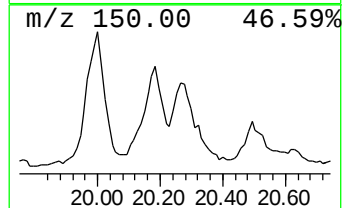
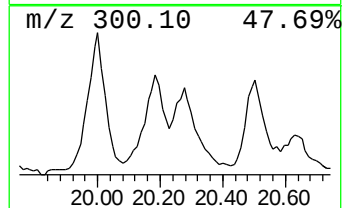
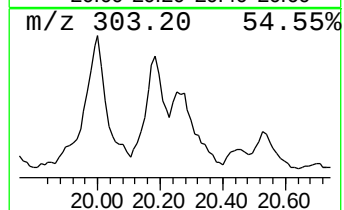
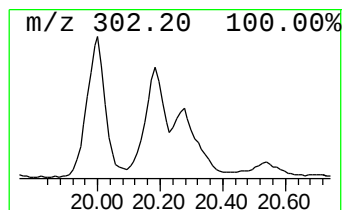
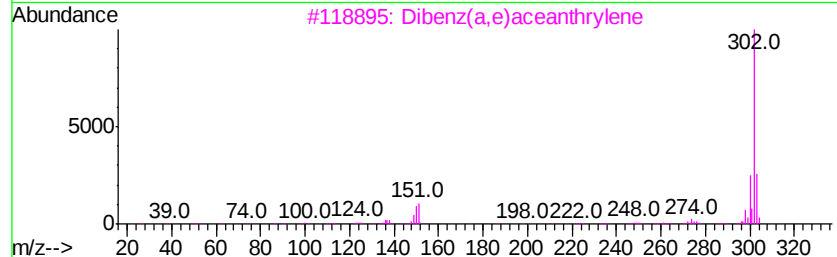
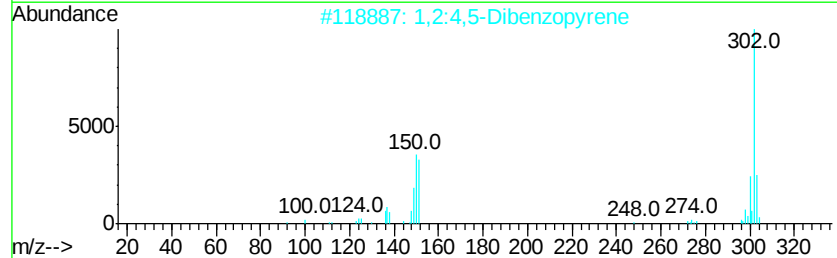
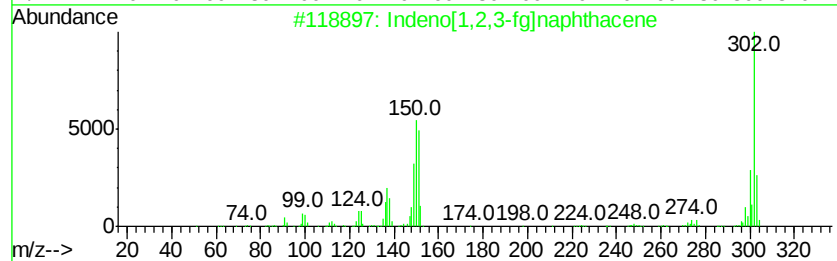
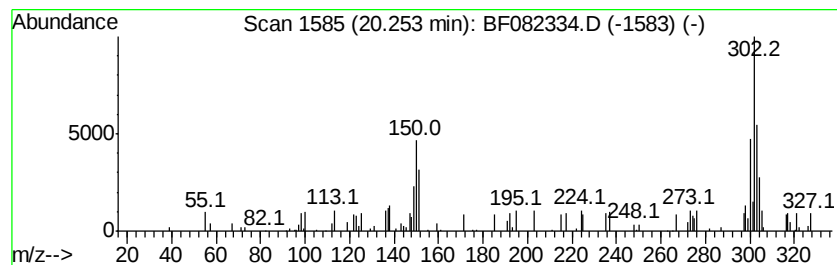
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Indeno[1,2,3-fg]naphthacene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	9.98 ng	299511	Perylene-d12	15.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	55
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	55
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	46
4		1-(2-Aminobenzylidene)-1,2,3,4-t...	302	C20H18N2O	1000110-40-2	46
5		Imidazole, 2,5-dibromo-4-phenyl-	300	C9H6Br2N2	1000124-11-5	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082334.D
Acq On : 16 Oct 2015 19:15
Operator : UM/IZ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TK1-DUP-20151015

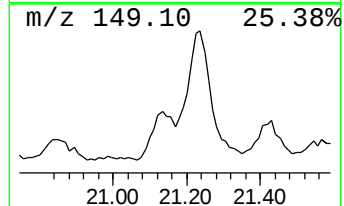
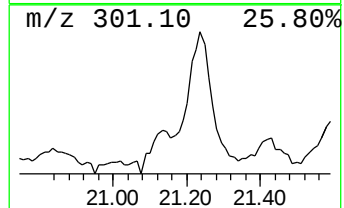
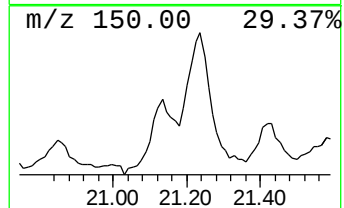
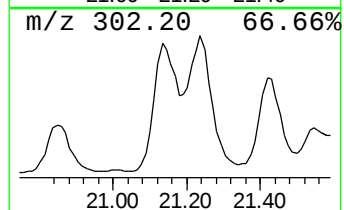
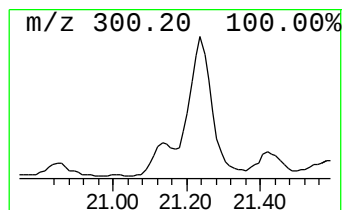
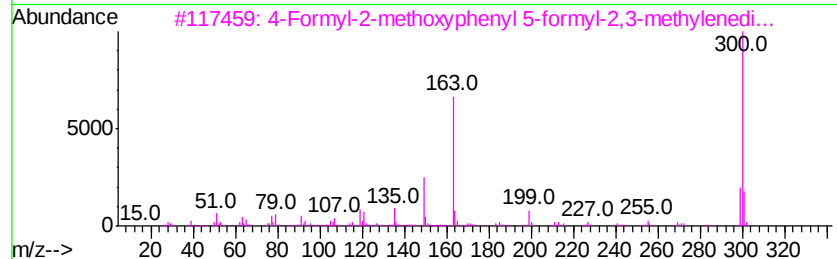
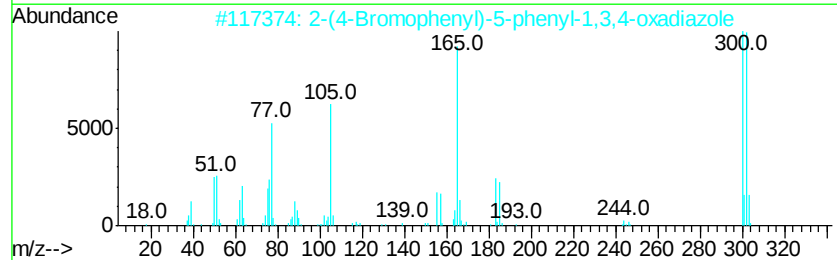
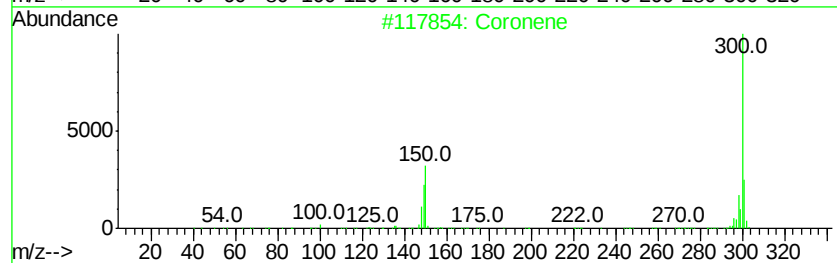
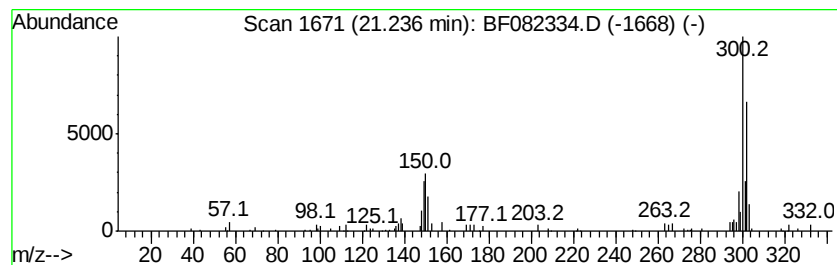
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	9.75 ng	292684	Perylene-d12	15.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	93
2		2-(4-Bromophenyl)-5-phenyl-1,3,4...	300	C14H9BrN2O	021510-43-0	47
3		4-Formyl-2-methoxyphenyl 5-formyl...	300	C16H12O6	1000242-81-0	43
4		Pyrazine, 2,5-bis(4-chlorophenyl)-	300	C16H10Cl2N2	074376-33-3	40
5		D-Homopregn-17a(20)-ene, (5.alpha...	300	C22H36	054482-44-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
 Data File : BF082334.D
 Acq On : 16 Oct 2015 19:15
 Operator : UM/IZ
 Sample : G4051-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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...	5.11	45.1	ng	750223	1	6.93	332781	20.0
3-Chloro-6-fluoro...	6.70	89.0	ng	1480480	1	6.93	332781	20.0
Benzene, 1-methyl...	7.19	6.6	ng	109511	1	6.93	332781	20.0
Benzene, 1-ethyl...	7.23	6.9	ng	115287	1	6.93	332781	20.0
4H-Cyclopenta[def...	12.06	5.3	ng	1262280	4	11.44	4806340	20.0
Dinaphtho[1,2-b:1...	15.53	8.5	ng	254327	6	15.76	600450	20.0
unknown15.58	15.58	4.6	ng	138403	6	15.76	600450	20.0
Benzo[b]triphenylene	17.05	6.7	ng	201852	6	15.76	600450	20.0
Pentaphene	17.43	9.3	ng	279991	6	15.76	600450	20.0
1,2:7,8-Dibenzoph...	17.49	5.4	ng	160935	6	15.76	600450	20.0
Dibenzo[def,mno]c...	17.94	11.0	ng	330532	6	15.76	600450	20.0
3,4:9,10-Dibenzop...	19.99	15.7	ng	470651	6	15.76	600450	20.0
1,2:4,5-Dibenzopy...	20.18	11.4	ng	343548	6	15.76	600450	20.0
Indeno[1,2,3-fg]n...	20.25	10.0	ng	299511	6	15.76	600450	20.0
Coronene	21.24	9.8	ng	292684	6	15.76	600450	20.0