

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078423.D
 Acq On : 11 Apr 2015 5:05
 Operator : TP/IZ
 Sample : G1823-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-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-BF040115.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	1.001	9	10	13	rVB	157262	185758	2.60%	0.192%
2	1.618	62	64	87	rVB	1082021	1927026	26.94%	1.992%
3	5.104	367	369	379	rVB	425213	577207	8.07%	0.597%
4	5.356	388	391	394	rBV	208133	238145	3.33%	0.246%
5	6.453	485	487	495	rBV	626536	644014	9.00%	0.666%
6	6.567	495	497	500	rVB	648307	654346	9.15%	0.677%
7	6.853	520	522	525	rBV	177479	191224	2.67%	0.198%
8	7.036	536	538	541	rBV	386471	504147	7.05%	0.521%
9	7.562	581	584	586	rBV	359526	393251	5.50%	0.407%
10	8.430	658	660	662	rBV	241532	323695	4.52%	0.335%
11	9.779	776	778	781	rVB	985057	867918	12.13%	0.897%
12	10.591	846	849	851	rBV	384184	397916	5.56%	0.411%
13	10.625	851	852	854	rVB	577314	661995	9.25%	0.684%
14	10.842	869	871	875	rVV	278697	296179	4.14%	0.306%
15	11.265	906	908	911	rVB	482365	445068	6.22%	0.460%
16	11.562	932	934	938	rBV	505721	568662	7.95%	0.588%
17	12.179	986	988	992	rVB	229473	275953	3.86%	0.285%
18	12.248	992	994	996	rBV	137402	168155	2.35%	0.174%
19	12.282	996	997	1000	rVB	222215	215561	3.01%	0.223%
20	12.419	1007	1009	1010	rBV	344551	480748	6.72%	0.497%
21	12.454	1010	1012	1014	rVV	3470257	3729569	52.13%	3.856%
22	12.511	1014	1017	1019	rVV	1262659	1259283	17.60%	1.302%
23	12.557	1019	1021	1024	rVB	84973	141967	1.98%	0.147%
24	12.728	1034	1036	1037	rVV	364159	483739	6.76%	0.500%
25	13.048	1061	1064	1065	rBV	305226	433488	6.06%	0.448%
26	13.082	1065	1067	1069	rVB	401284	585896	8.19%	0.606%
27	13.140	1069	1072	1073	rBV	201756	251063	3.51%	0.260%
28	13.174	1073	1075	1076	rBV	981510	1023954	14.31%	1.059%
29	13.208	1076	1078	1080	rVB	237045	330368	4.62%	0.342%
30	13.425	1094	1097	1101	rVB2	288579	766273	10.71%	0.792%
31	13.597	1108	1112	1114	rBV	105991	170217	2.38%	0.176%
32	13.722	1121	1123	1125	rBV	188487	304164	4.25%	0.314%
33	13.768	1125	1127	1128	rVV	129857	180098	2.52%	0.186%
34	13.825	1130	1132	1134	rVV	286817	378018	5.28%	0.391%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.928	1137	1141	1144	rBV	4229694	6553942	91.61%	6.777%
36	13.997	1144	1147	1149	rVB2	141001	158844	2.22%	0.164%
37	14.088	1153	1155	1158	rBV	294665	410054	5.73%	0.424%
38	14.202	1161	1165	1168	rBV2	4169920	7154349	100.00%	7.397%
39	14.260	1168	1170	1172	rVB	214414	209698	2.93%	0.217%
40	14.351	1175	1178	1179	rBV	439117	489321	6.84%	0.506%
41	14.408	1179	1183	1185	rVB2	968783	1517154	21.21%	1.569%
42	14.477	1185	1189	1191	rBV2	338667	661082	9.24%	0.684%
43	14.511	1191	1192	1194	rVB	154792	134986	1.89%	0.140%
44	14.580	1196	1198	1199	rBV2	346912	593075	8.29%	0.613%
45	14.603	1199	1200	1202	rVB	623138	835394	11.68%	0.864%
46	14.694	1205	1208	1209	rBV	689176	728635	10.18%	0.753%
47	14.728	1209	1211	1213	rVV2	527481	679436	9.50%	0.703%
48	14.763	1213	1214	1217	rVB	404024	352159	4.92%	0.364%
49	14.843	1219	1221	1222	rVB	228021	218876	3.06%	0.226%
50	14.877	1222	1224	1226	rBV	186755	214679	3.00%	0.222%
51	15.117	1240	1245	1246	rBV4	127940	353748	4.94%	0.366%
52	15.140	1246	1247	1250	rVV2	227101	240467	3.36%	0.249%
53	15.231	1251	1255	1259	rVB	483101	837887	11.71%	0.866%
54	15.368	1264	1267	1269	rVV	805672	993045	13.88%	1.027%
55	15.403	1269	1270	1273	rVV2	565159	1184501	16.56%	1.225%
56	15.460	1273	1275	1277	rVV2	352508	596779	8.34%	0.617%
57	15.494	1277	1278	1281	rVB	482856	621459	8.69%	0.643%
58	15.574	1281	1285	1289	rBV2	232245	601043	8.40%	0.621%
59	15.677	1289	1294	1296	rVV	2517670	5415195	75.69%	5.599%
60	15.723	1296	1298	1301	rVV	2366354	4764350	66.59%	4.926%
61	15.814	1303	1306	1307	rVV	742857	956180	13.37%	0.989%
62	15.860	1307	1310	1311	rVV3	179815	287296	4.02%	0.297%
63	15.940	1314	1317	1319	rVV	468518	691884	9.67%	0.715%
64	15.974	1319	1320	1327	rVB2	360694	701602	9.81%	0.725%
65	16.077	1327	1329	1331	rBV2	84690	160724	2.25%	0.166%
66	16.123	1331	1333	1334	rVV2	230187	317076	4.43%	0.328%
67	16.168	1334	1337	1339	rVV	582982	845978	11.82%	0.875%
68	16.214	1339	1341	1343	rVV2	250977	416000	5.81%	0.430%
69	16.283	1344	1347	1348	rVV2	292744	477414	6.67%	0.494%
70	16.340	1348	1352	1354	rVV3	351831	813935	11.38%	0.842%
71	16.374	1354	1355	1358	rVV2	202238	272806	3.81%	0.282%

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72	16.420	1358	1359	1363	rVB	185783	273397	3.82%	0.283%
73	16.488	1363	1365	1368	rBV2	77040	170366	2.38%	0.176%
74	16.557	1368	1371	1373	rBV2	256126	443121	6.19%	0.458%
75	16.751	1385	1388	1391	rBV3	204189	535618	7.49%	0.554%
76	16.946	1401	1405	1410	rBV	2530444	6942962	97.05%	7.179%
77	17.048	1410	1414	1416	rVB2	597336	907224	12.68%	0.938%
78	17.163	1420	1424	1428	rBV4	220865	806045	11.27%	0.833%
79	17.243	1428	1431	1433	rVV	1757928	2778899	38.84%	2.873%
80	17.311	1433	1437	1439	rVV	2130246	3824282	53.45%	3.954%
81	17.357	1439	1441	1442	rVV	348889	597890	8.36%	0.618%
82	17.380	1442	1443	1449	rVV2	905531	1469459	20.54%	1.519%
83	17.540	1452	1457	1462	rVB3	200972	921699	12.88%	0.953%
84	17.643	1462	1466	1467	rBV2	148140	390855	5.46%	0.404%
85	17.734	1472	1474	1476	rBV	99612	183932	2.57%	0.190%
86	17.826	1480	1482	1484	rVB	212615	299268	4.18%	0.309%
87	17.951	1491	1493	1496	rVB2	184334	255179	3.57%	0.264%
88	18.134	1507	1509	1512	rVB3	97889	150172	2.10%	0.155%
89	18.237	1515	1518	1520	rBV2	122728	260801	3.65%	0.270%
90	18.317	1520	1525	1531	rVB6	234209	930418	13.00%	0.962%
91	18.443	1532	1536	1543	rBV3	396941	1140606	15.94%	1.179%
92	18.603	1544	1550	1553	rBV2	1366545	3004714	42.00%	3.107%
93	18.660	1553	1555	1558	rVB2	165258	283095	3.96%	0.293%
94	18.729	1558	1561	1563	rBV	357678	689991	9.64%	0.713%
95	18.774	1563	1565	1568	rVB	253674	428451	5.99%	0.443%
96	18.957	1576	1581	1587	rVB	1096877	2629643	36.76%	2.719%
97	19.129	1593	1596	1603	rVB2	385742	871873	12.19%	0.901%
98	19.552	1629	1633	1637	rVB	378252	849258	11.87%	0.878%
99	20.752	1731	1738	1743	rVB	362580	1282177	17.92%	1.326%
100	20.889	1745	1750	1753	rBV	258752	877827	12.27%	0.908%

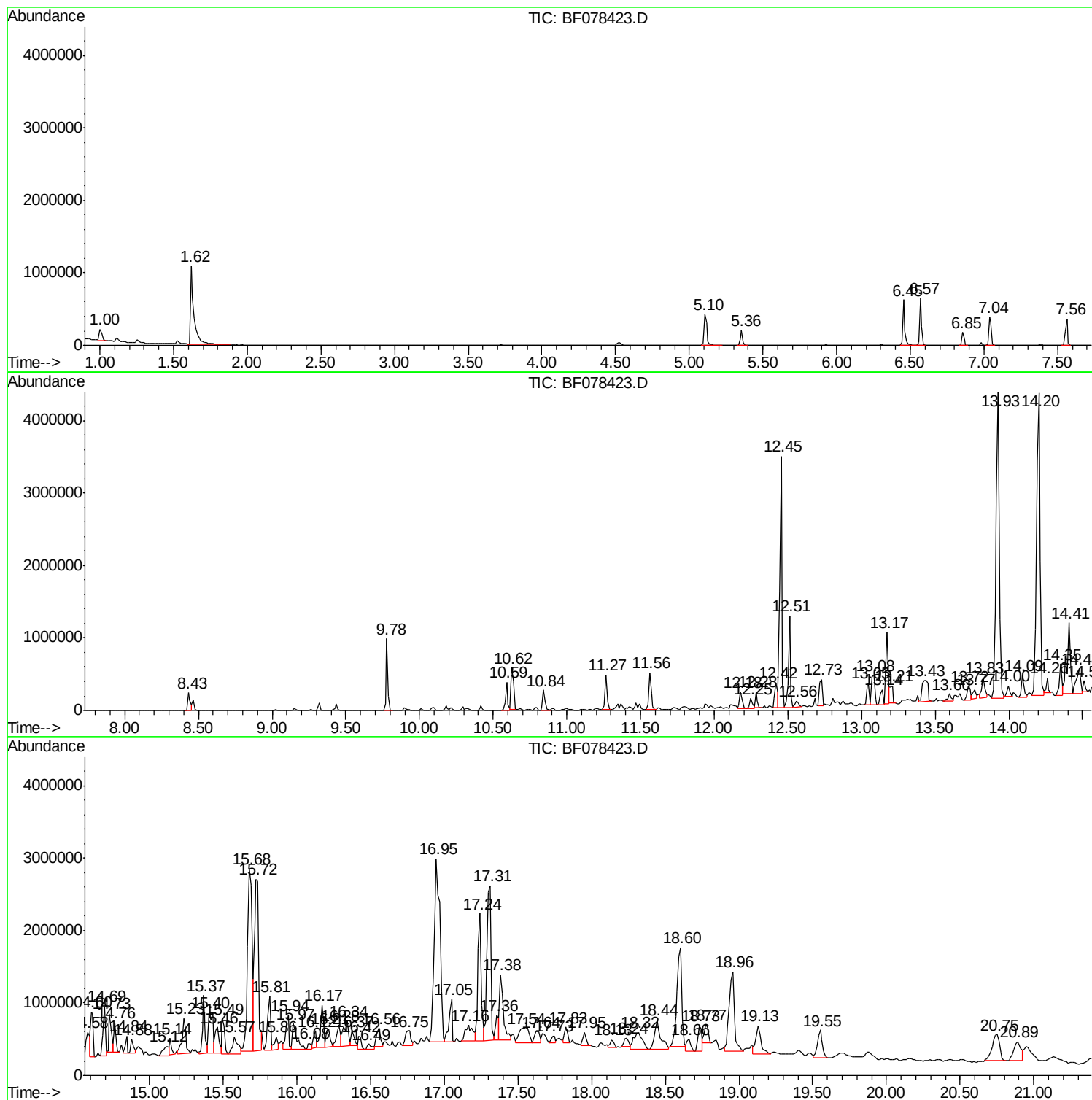
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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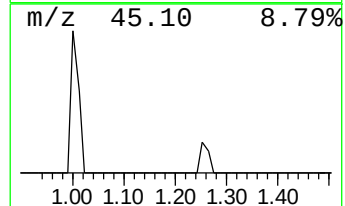
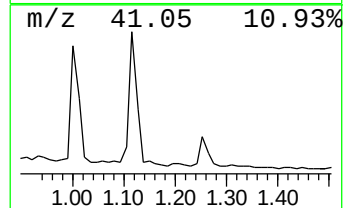
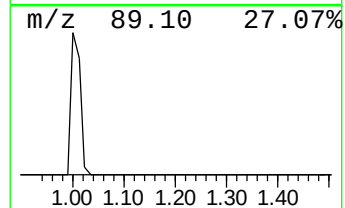
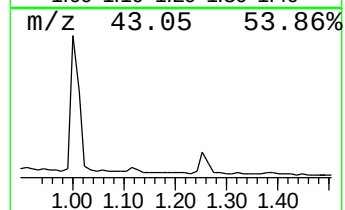
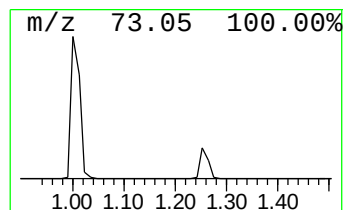
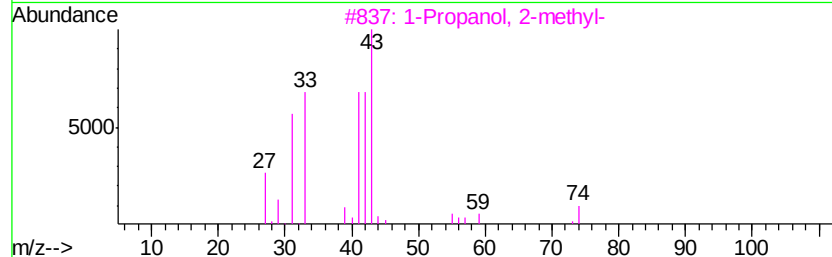
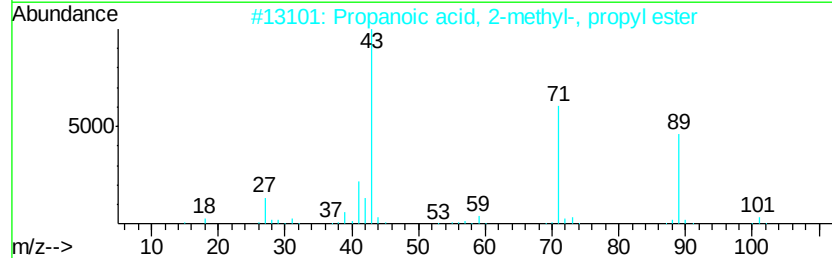
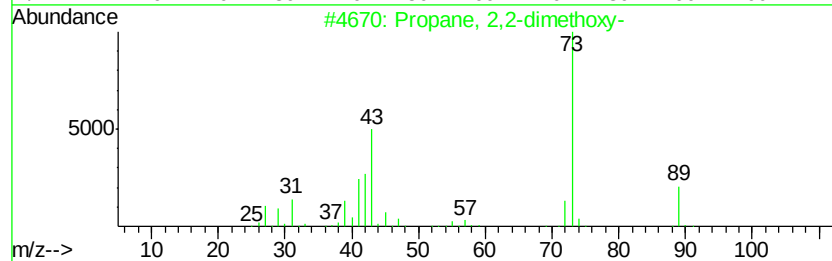
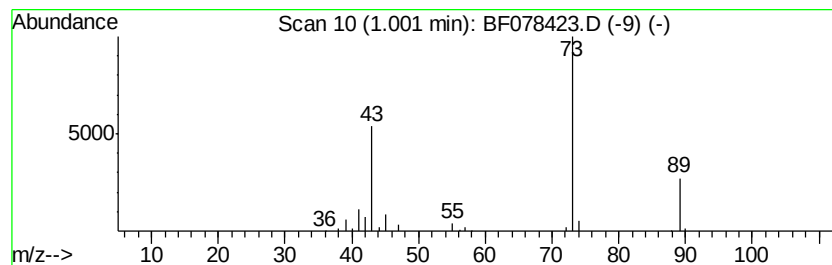
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.00	19.43 ng	185758	1,4-Dichlorobenzene-d4	6.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	32
3		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4		Methylglyoxal	72	C3H4O2	000078-98-8	9
5		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



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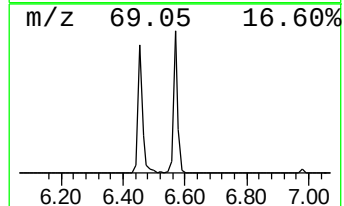
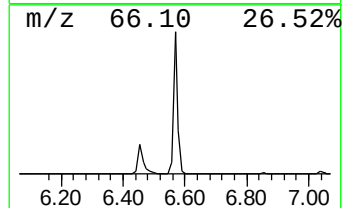
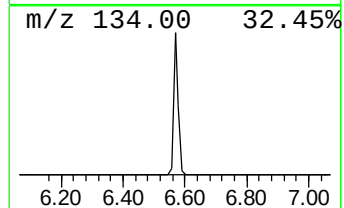
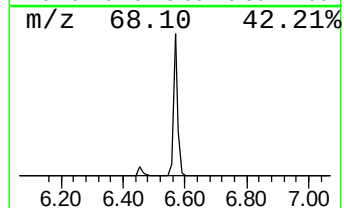
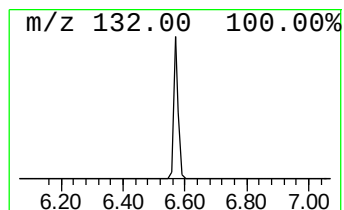
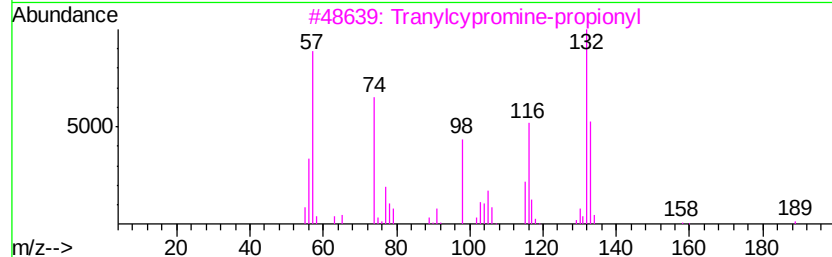
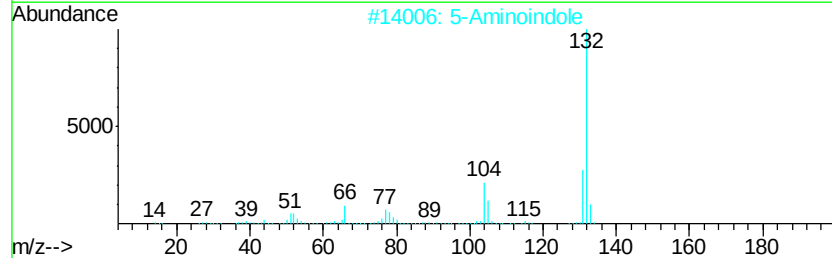
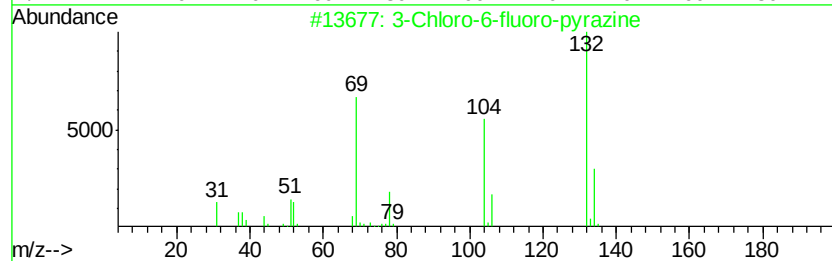
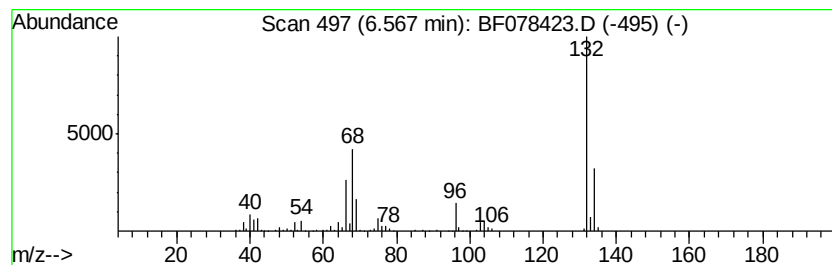
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	68.44 ng	654346	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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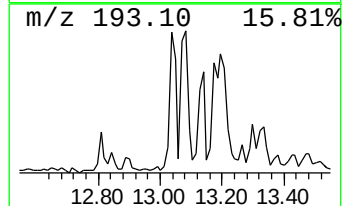
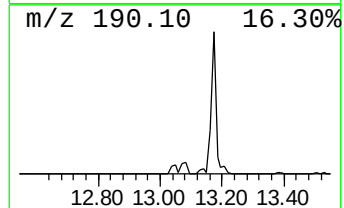
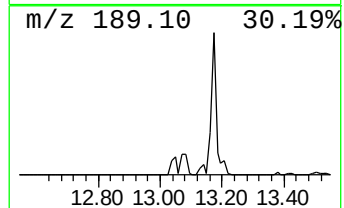
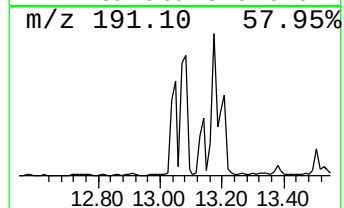
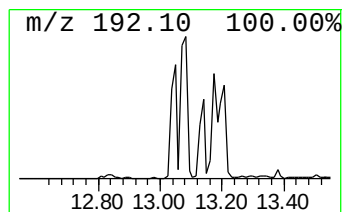
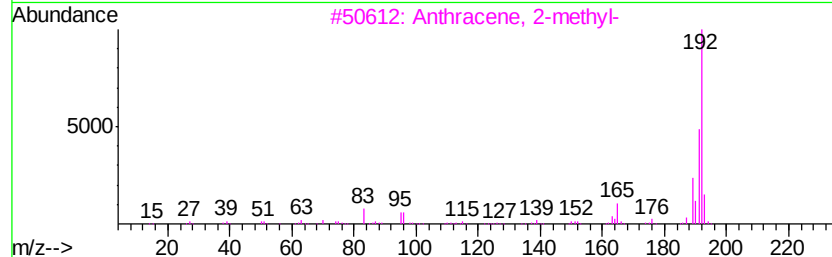
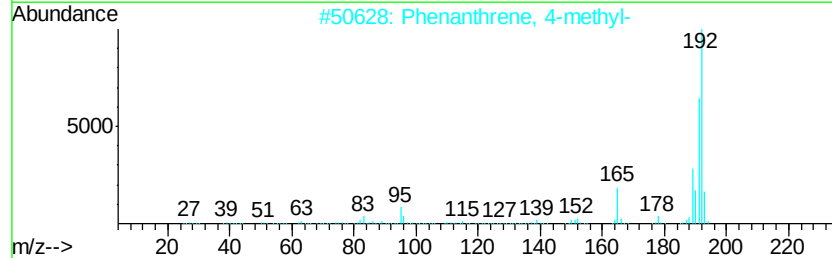
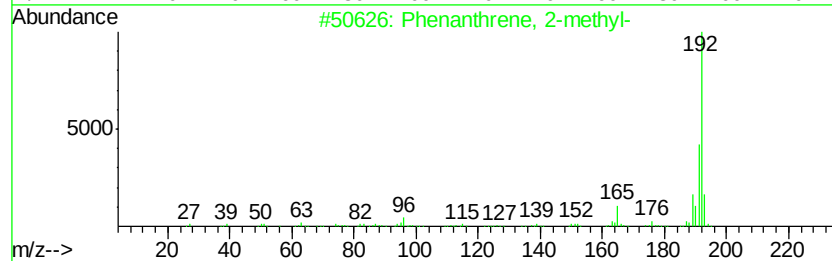
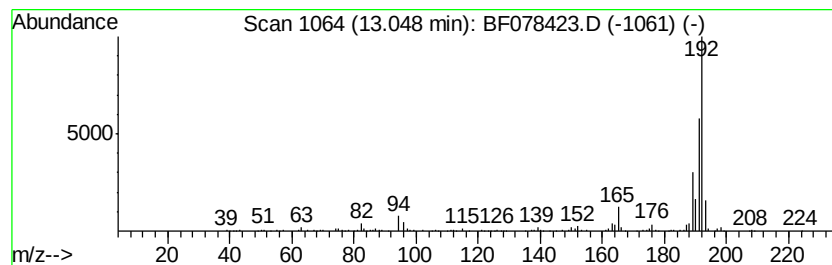
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.05	18.03 ng	433488	Phenanthrene-d10	12.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



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Acq On : 11 Apr 2015 5:05
Operator : TP/IZ
Sample : G1823-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

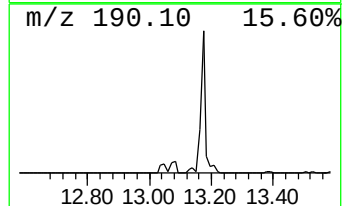
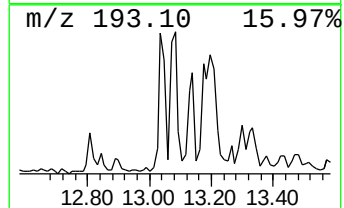
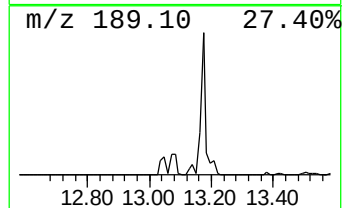
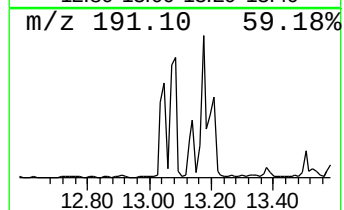
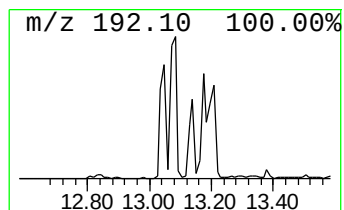
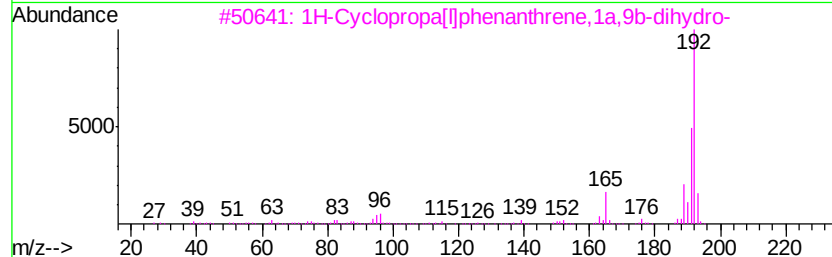
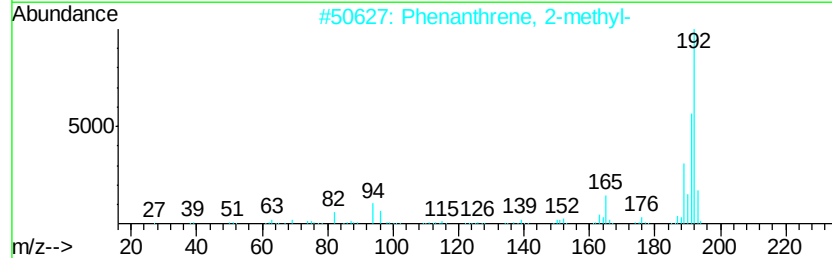
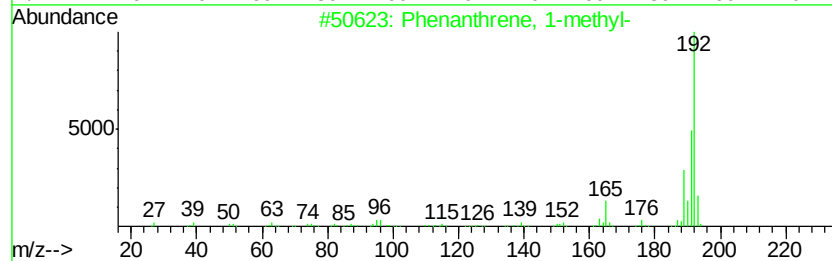
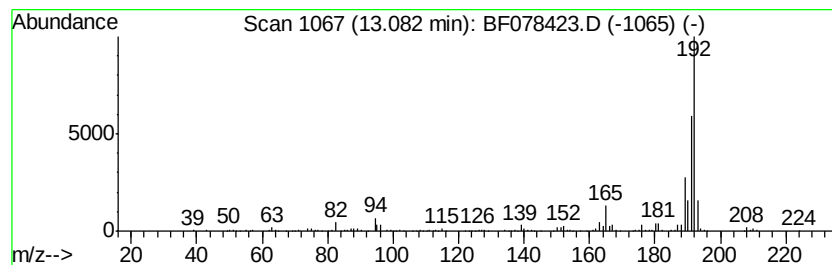
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.08	24.37 ng	585896	Phenanthrene-d10	12.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
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Acq On : 11 Apr 2015 5:05
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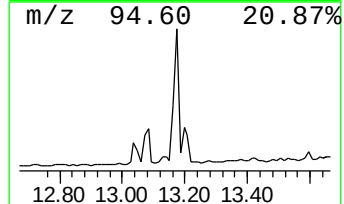
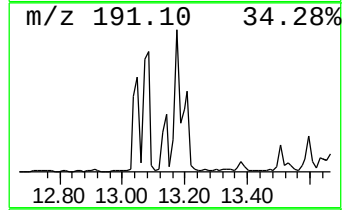
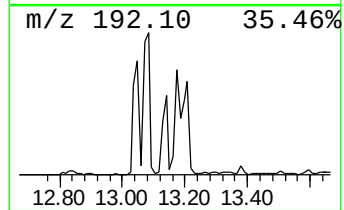
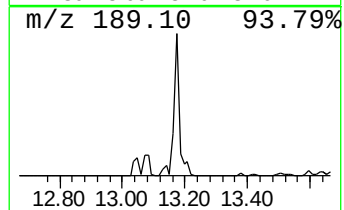
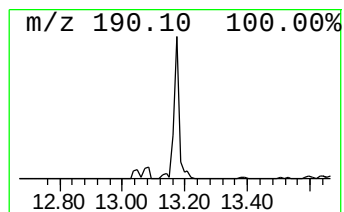
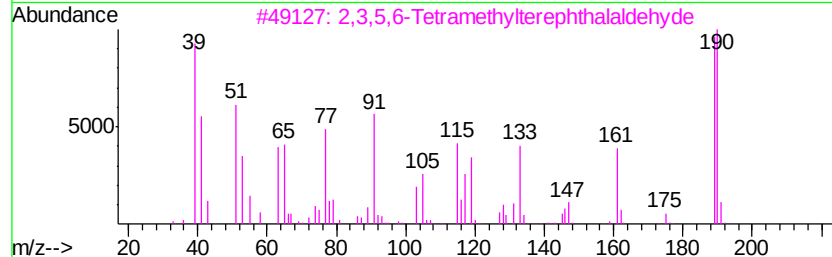
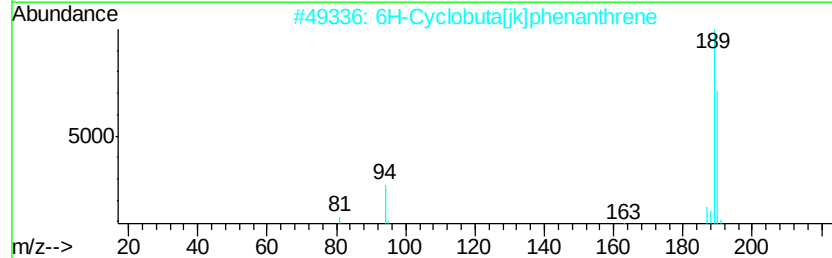
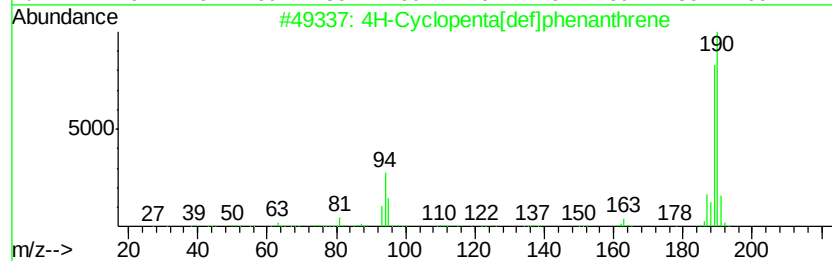
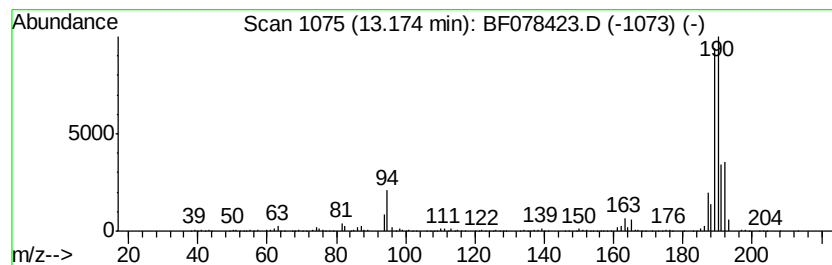
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.17	42.60 ng	1023950	Phenanthrene-d10	12.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078423.D
Acq On : 11 Apr 2015 5:05
Operator : TP/IZ
Sample : G1823-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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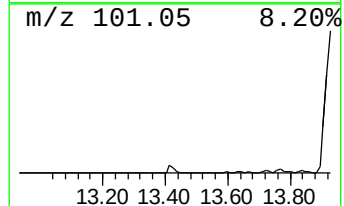
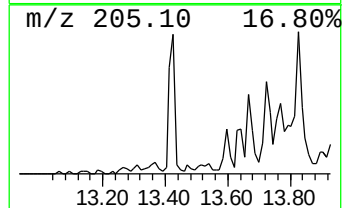
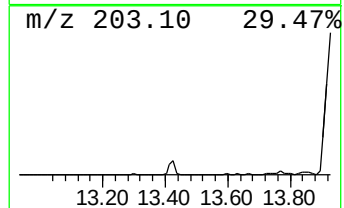
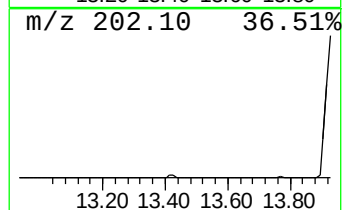
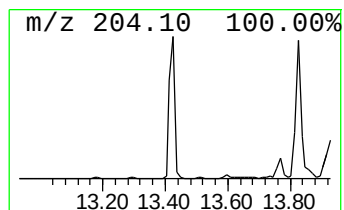
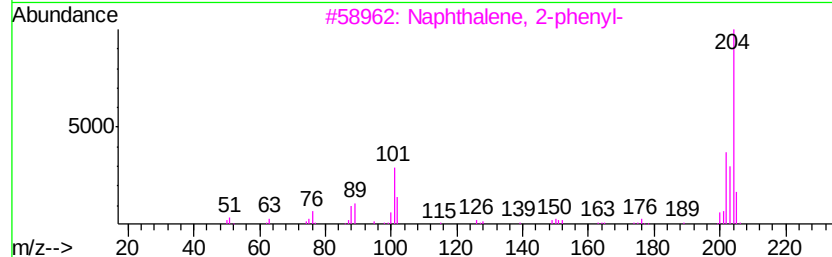
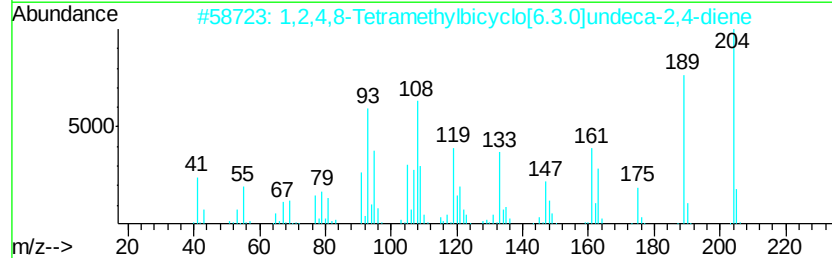
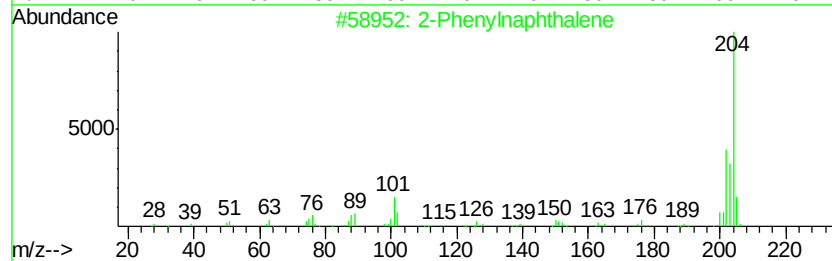
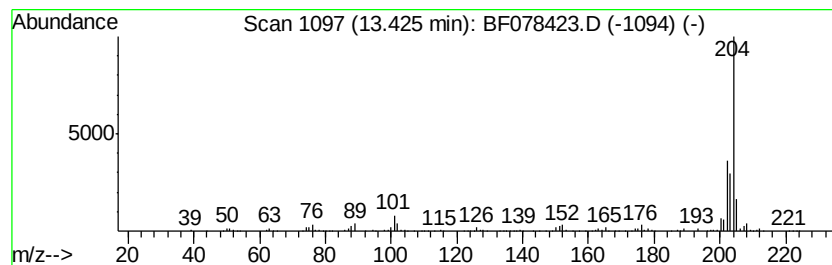
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Phenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	31.88 ng	766273	Phenanthrene-d10	12.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2		1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	90
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078423.D
Acq On : 11 Apr 2015 5:05
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Misc :
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Instrument :
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ClientSampleId :
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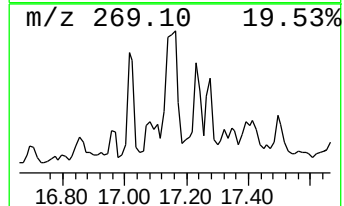
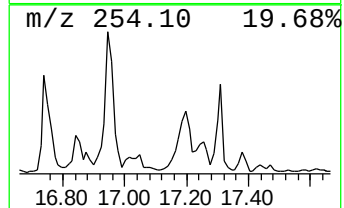
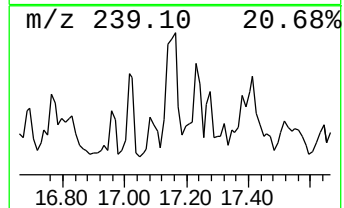
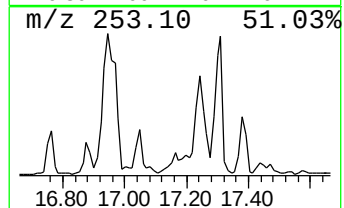
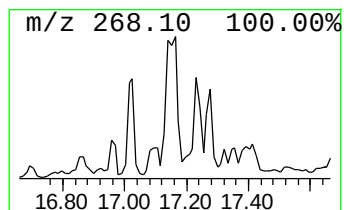
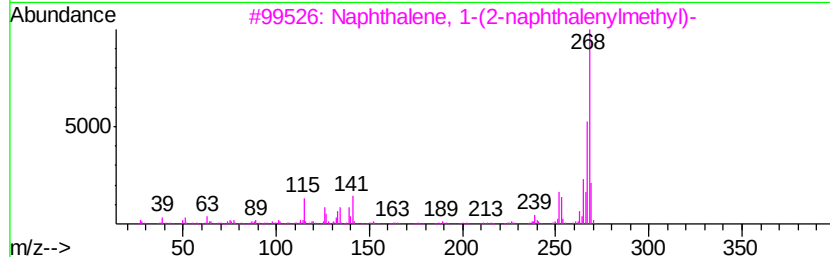
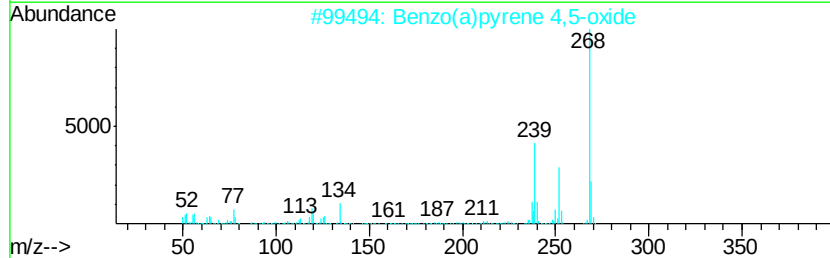
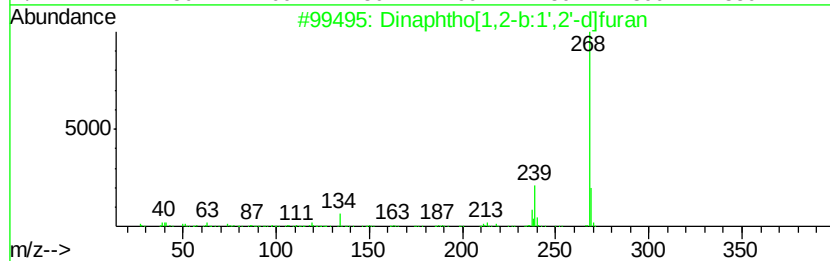
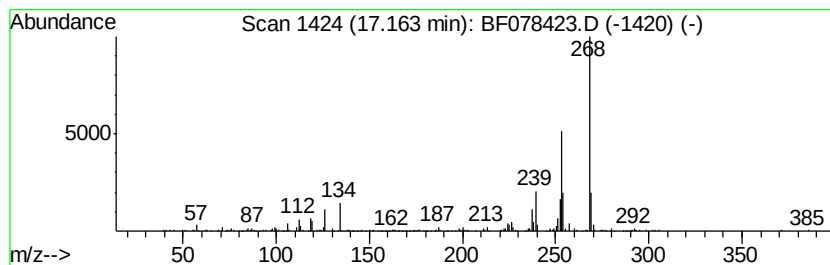
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	26.96 ng	806045	Perylene-d12	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	60
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	58
3		Naphthalene, 1-(2-naphthalenyl)me...	268	C21H16	000611-48-3	47
4		Coumaran-6-ol-3-one, 2-[4-methox...	268	C16H12O4	020727-61-1	47
5		trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078423.D
Acq On : 11 Apr 2015 5:05
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Misc :
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Instrument :
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ClientSampleId :
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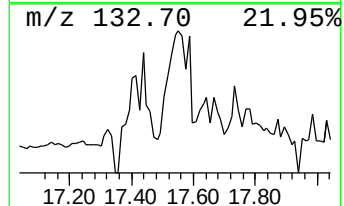
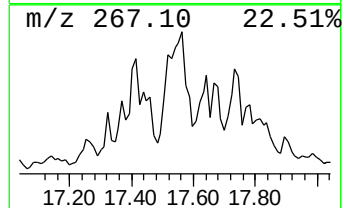
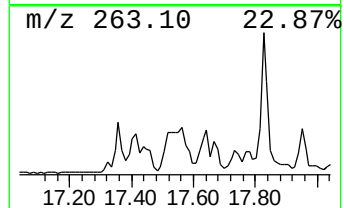
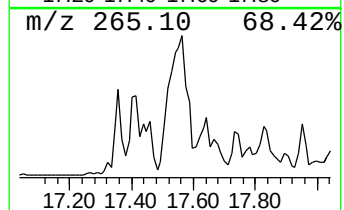
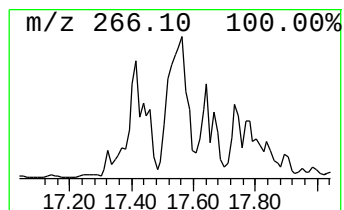
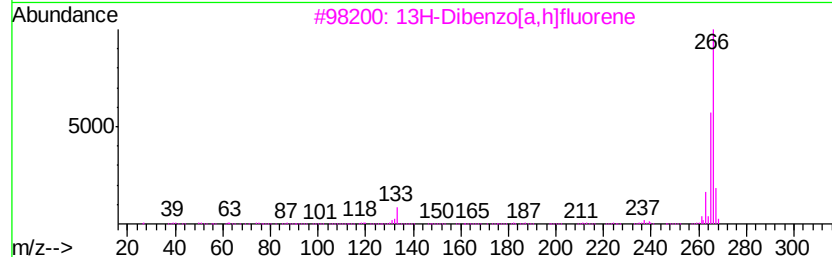
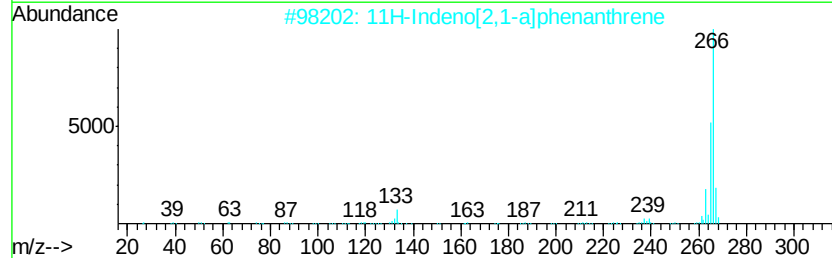
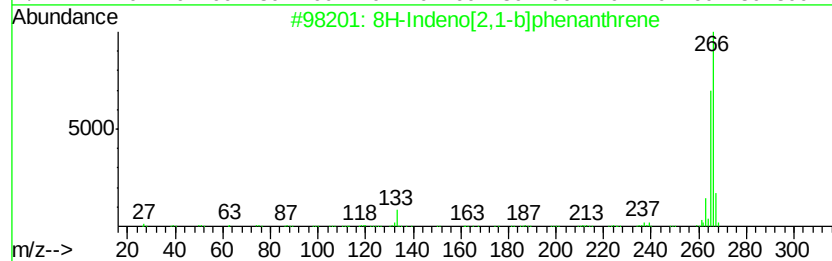
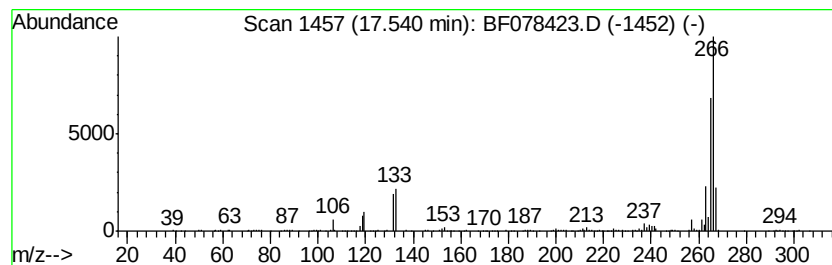
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 8H-Indeno[2,1-b]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	30.83 ng	921699	Perylene-d12	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	91
2		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	89
3		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	76
4		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	59
5		1-Benzothieno[3,2-f]quinazoline-...	266	C14H10N4S	065642-92-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078423.D
Acq On : 11 Apr 2015 5:05
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Instrument :
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ClientSampleId :
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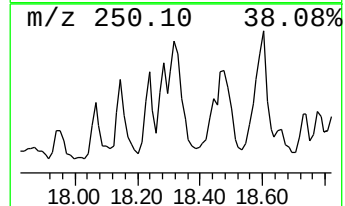
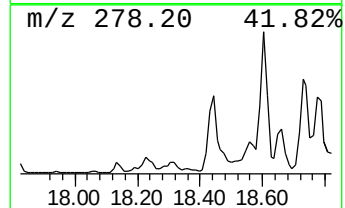
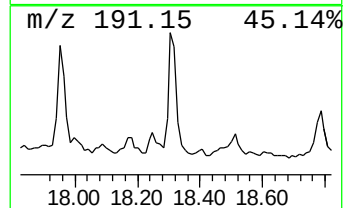
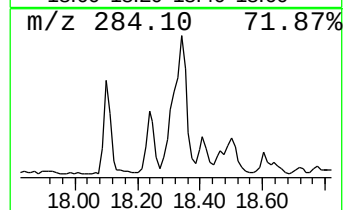
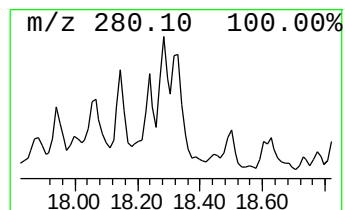
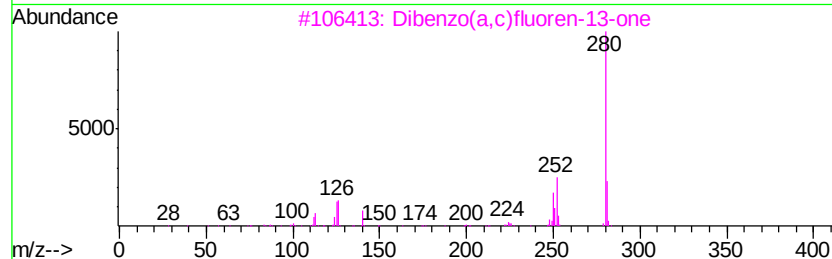
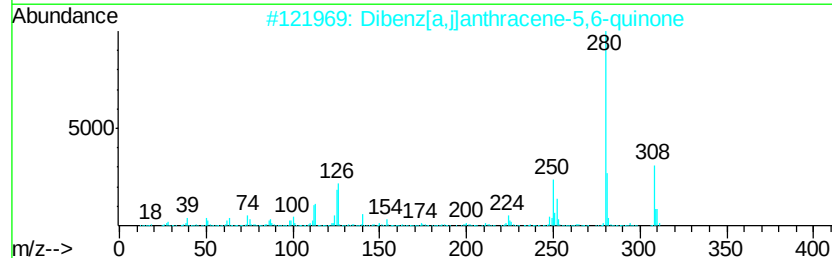
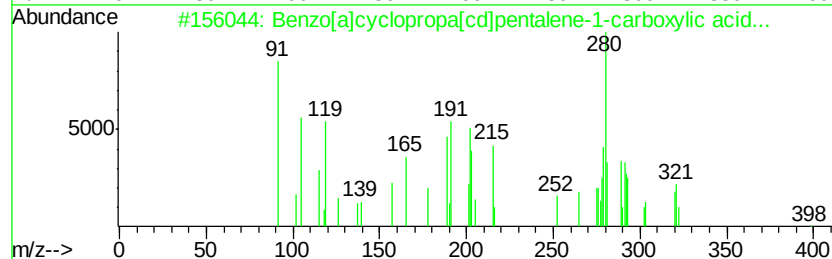
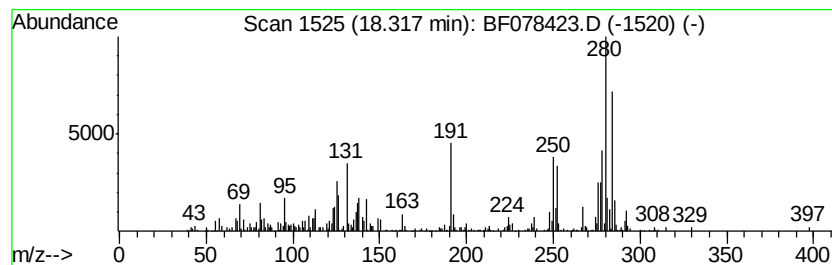
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown18.32 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	31.12 ng	930418	Perylene-d12	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[a]cyclopropa[cd]pentalene-...	398	C26H22O4	040897-27-6	43
2		Dibenz[a,j]anthracene-5,6-quinone	308	C22H12O2	052755-66-5	40
3		Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	38
4		3,5-Dibromobenzoic acid	278	C7H4Br2O2	000618-58-6	22
5		Pentacene, 6,13-dihydro-	280	C22H16	013579-08-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
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ClientSampleId :
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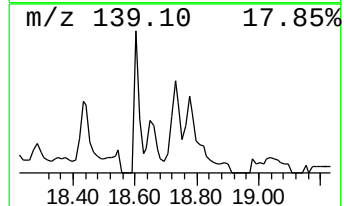
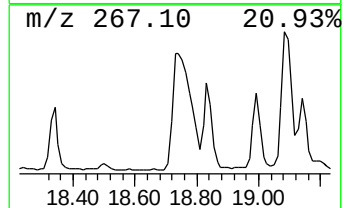
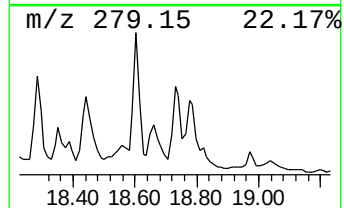
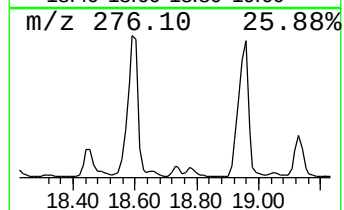
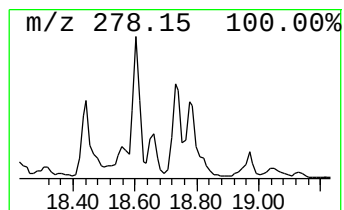
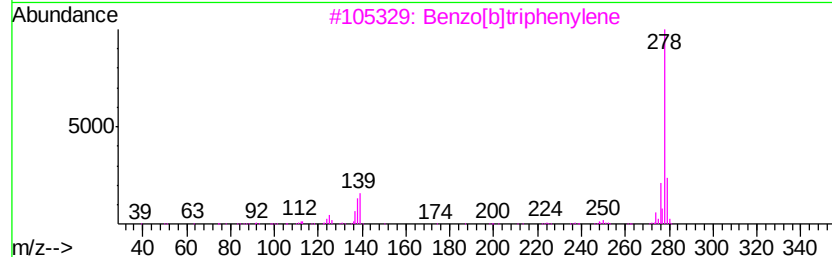
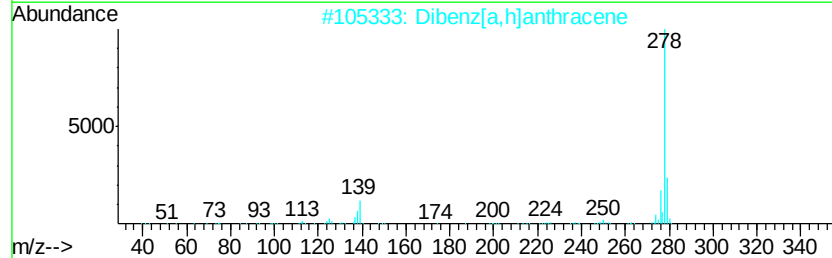
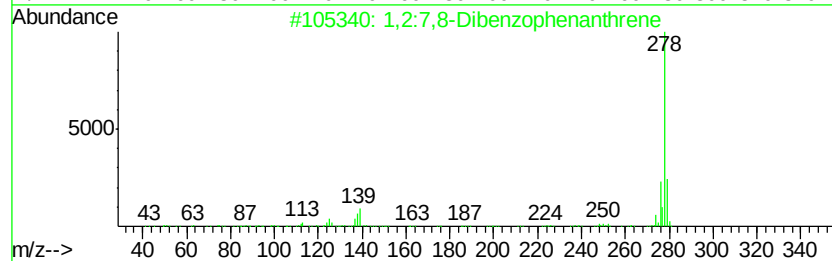
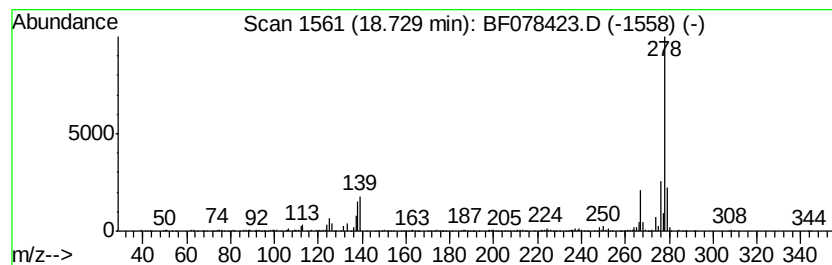
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,2:7,8-Dibenzophenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	23.08 ng	689991	Perylene-d12	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	96
4		Pentacene	278	C22H14	000135-48-8	93
5		Benzo[b]chrysene	278	C22H14	000214-17-5	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078423.D
Acq On : 11 Apr 2015 5:05
Operator : TP/IZ
Sample : G1823-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4

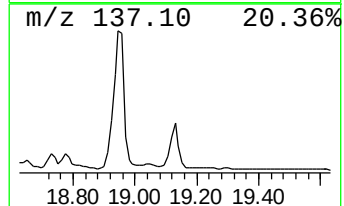
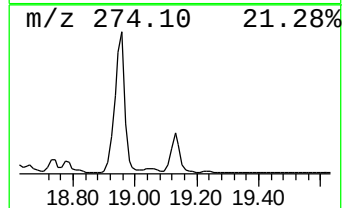
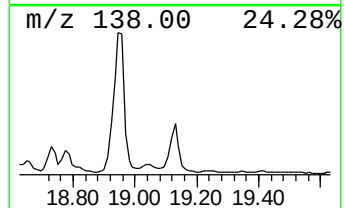
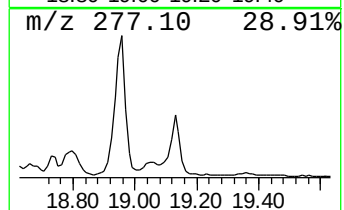
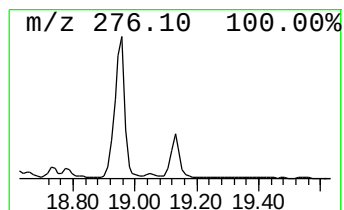
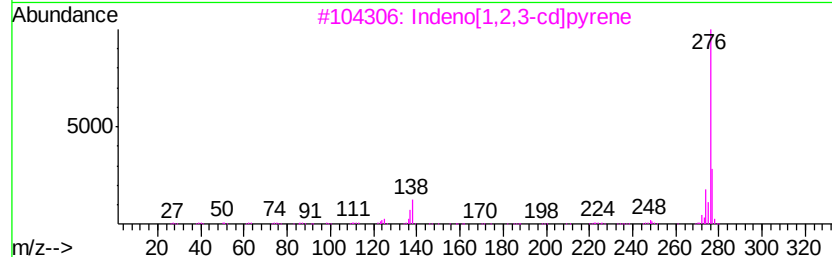
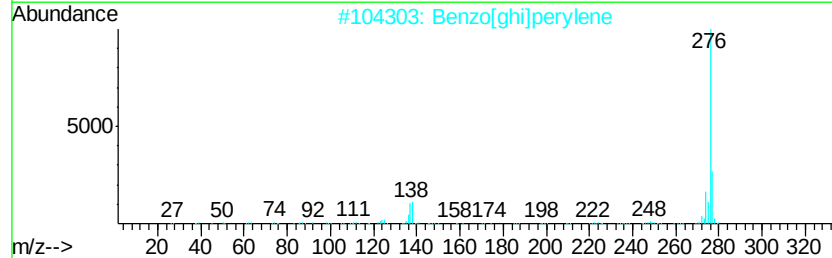
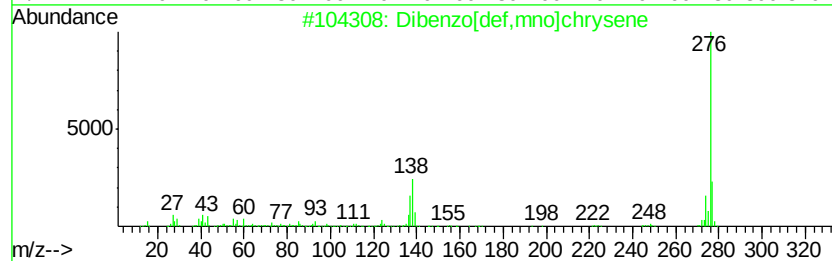
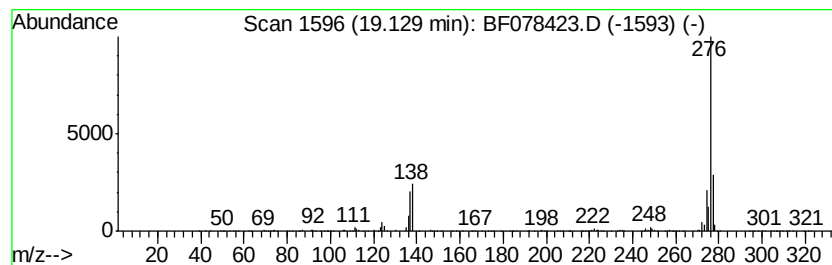
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	29.17 ng	871873	Perylene-d12	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	97
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	96
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5		Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078423.D
Acq On : 11 Apr 2015 5:05
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Sample : G1823-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4

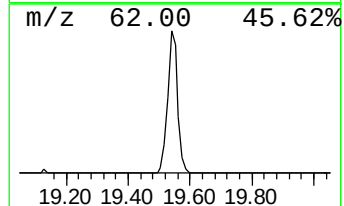
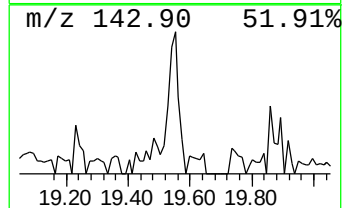
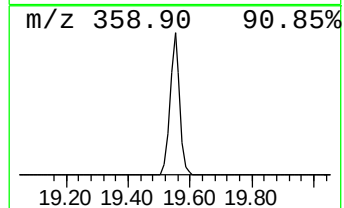
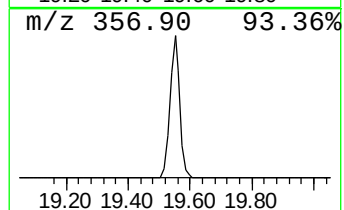
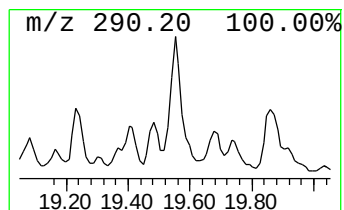
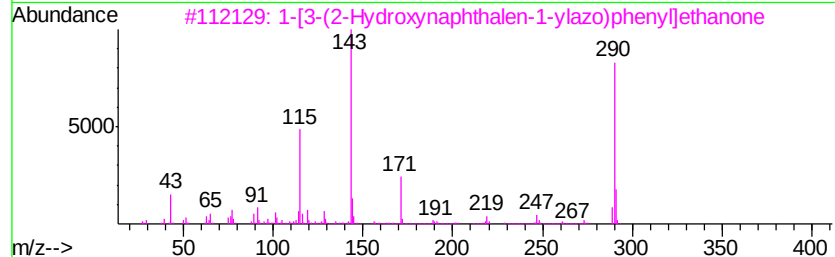
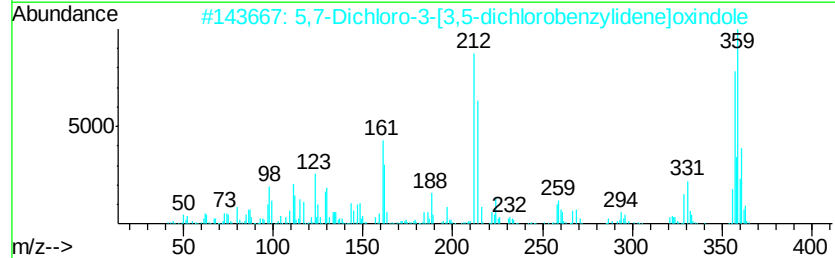
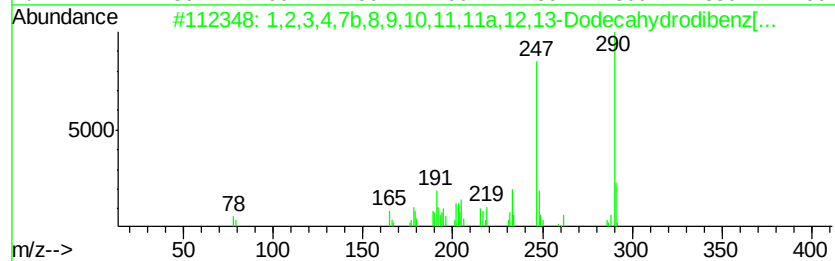
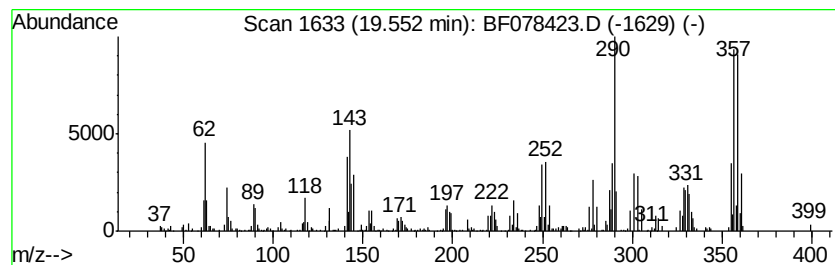
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown19.55 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	28.41 ng	849258	Perylene-d12	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,3,4,7b,8,9,10,11,11a,12,13-D...	290	C22H26	000153-29-7	11
2		5,7-Dichloro-3-[3,5-dichlorobenz...	357	C15H7Cl4NO	1000251-78-0	10
3		1-[3-(2-Hydroxynaphthalen-1-ylaz...	290	C18H14N2O2	014197-06-9	9
4		Propanamide, 3-[4-(2-hydroxyethy...	321	C17H27N3O3	329212-52-4	7
5		5.alpha.-Androstan-17.beta.-ol, ...	290	C20H34O	005846-88-8	7



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078423.D
Acq On : 11 Apr 2015 5:05
Operator : TP/IZ
Sample : G1823-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4

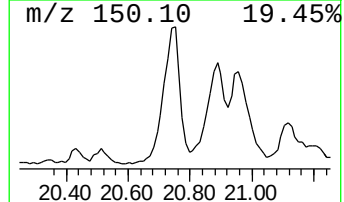
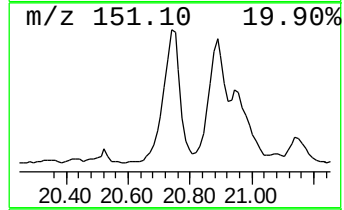
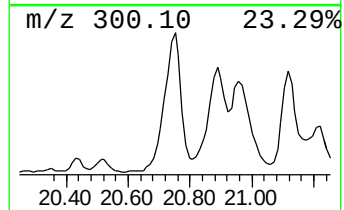
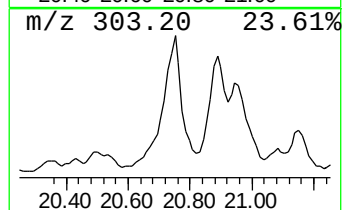
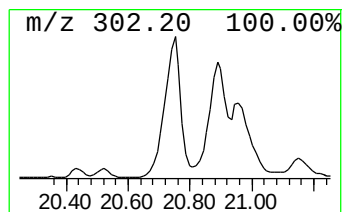
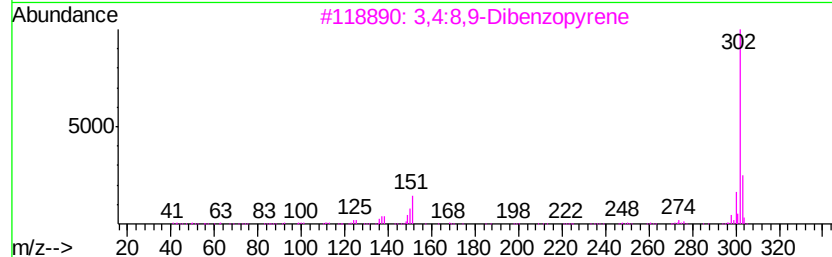
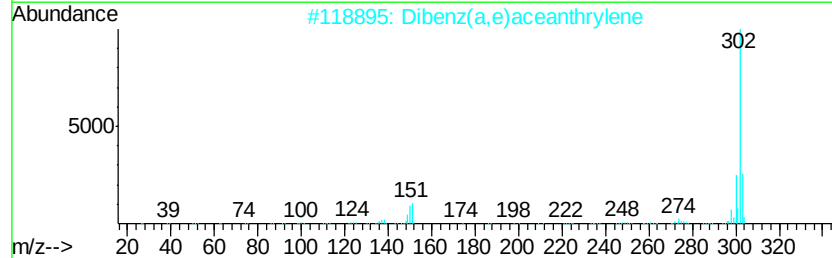
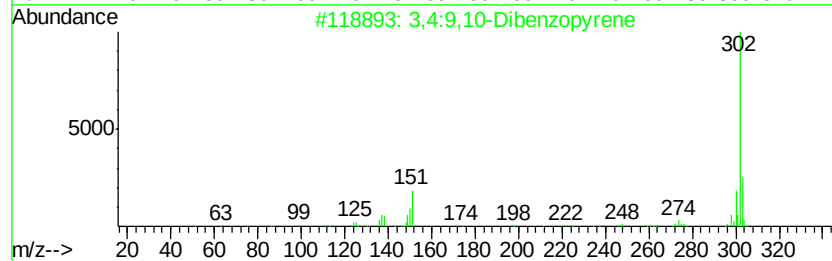
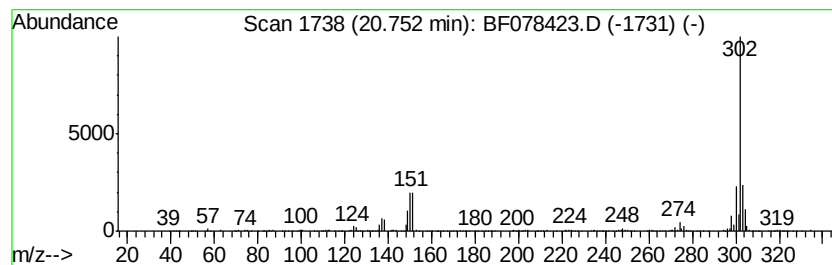
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,4:9,10-Dibenzopyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	42.89 ng	1282180	Perylene-d12	17.36

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	97
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078423.D
Acq On : 11 Apr 2015 5:05
Operator : TP/IZ
Sample : G1823-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

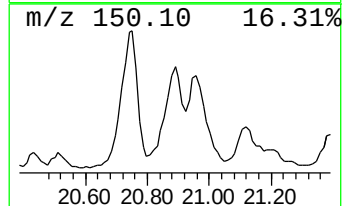
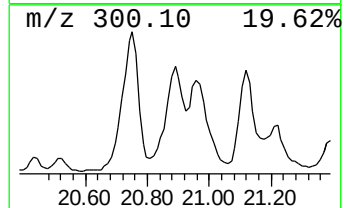
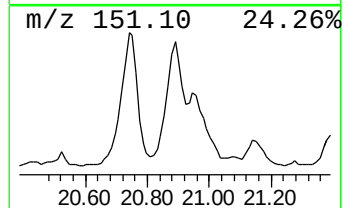
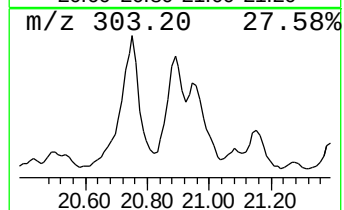
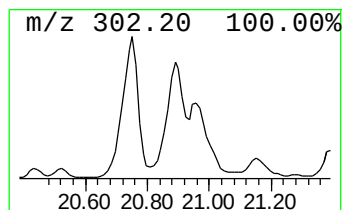
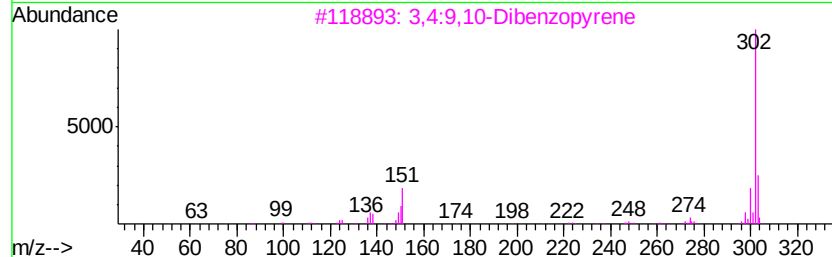
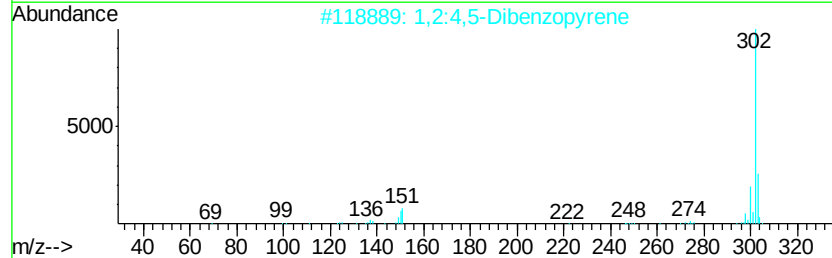
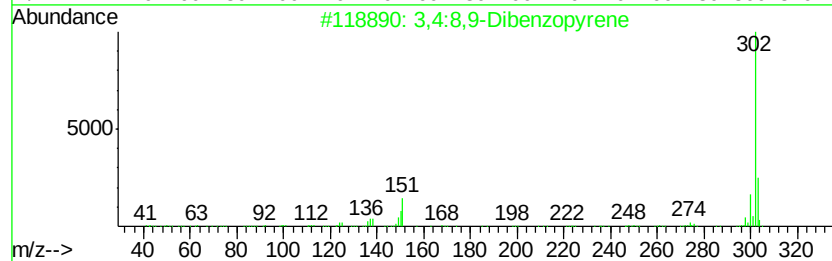
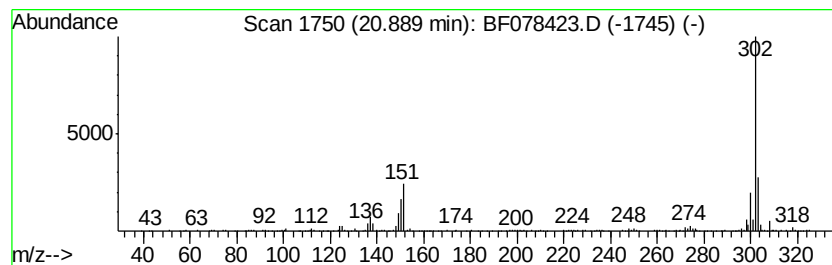
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	29.36 ng	877827	Perylene-d12	17.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,4:8,9-Dibenzopyrene	302 C24H14	000189-64-0	98
2	1,2:4,5-Dibenzopyrene	302 C24H14	000192-65-4	97
3	3,4:9,10-Dibenzopyrene	302 C24H14	000189-55-9	97
4	1,2:3,4-Dibenzopyrene	302 C24H14	000191-30-0	86
5	Dibenzo[fg,op]naphthacene	302 C24H14	000192-51-8	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078423.D
 Acq On : 11 Apr 2015 5:05
 Operator : TP/IZ
 Sample : G1823-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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
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unknown6.57	6.57	68.4	ng	654346	1	6.85	191224	20.0
Phenanthrene, 2-m...	13.05	18.0	ng	433488	4	12.42	480748	20.0
Phenanthrene, 1-m...	13.08	24.4	ng	585896	4	12.42	480748	20.0
4H-Cyclopenta[def...	13.17	42.6	ng	1023950	4	12.42	480748	20.0
2-Phenylnaphthalene	13.43	31.9	ng	766273	4	12.42	480748	20.0
Dinaphtho[1,2-b:1...	17.16	27.0	ng	806045	6	17.36	597890	20.0
8H-Indeno[2,1-b]p...	17.54	30.8	ng	921699	6	17.36	597890	20.0
unknown18.32	18.32	31.1	ng	930418	6	17.36	597890	20.0
1,2:7,8-Dibenzoph...	18.73	23.1	ng	689991	6	17.36	597890	20.0
Dibenzo[def,mno]c...	19.13	29.2	ng	871873	6	17.36	597890	20.0
unknown19.55	19.55	28.4	ng	849258	6	17.36	597890	20.0
3,4:9,10-Dibenzop...	20.75	42.9	ng	1282180	6	17.36	597890	20.0
3,4:8,9-Dibenzopy...	20.89	29.4	ng	877827	6	17.36	597890	20.0