

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078521.D
 Acq On : 15 Apr 2015 1:44
 Operator : TP/IZ
 Sample : G1823-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-6

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	1.495	26	27	34	rVV	59873	99690	10.32%	0.890%
2	1.598	34	36	61	rVB	401002	966378	100.00%	8.625%
3	4.456	284	286	293	rBV	28297	44170	4.57%	0.394%
4	5.050	336	338	353	rVB	295899	408407	42.26%	3.645%
5	6.410	455	457	464	rVB	439916	449627	46.53%	4.013%
6	6.524	464	467	469	rBV	330374	459128	47.51%	4.098%
7	6.799	489	491	494	rBV	93768	113092	11.70%	1.009%
8	6.993	505	508	510	rBV	267905	340721	35.26%	3.041%
9	7.507	550	553	555	rBV	292516	262631	27.18%	2.344%
10	8.387	627	630	632	rBV	137883	177239	18.34%	1.582%
11	9.736	745	748	750	rBV	520090	589570	61.01%	5.262%
12	10.251	791	793	794	rBV	14812	17494	1.81%	0.156%
13	10.536	816	818	820	rBV	181361	221756	22.95%	1.979%
14	10.582	820	822	824	rVB	25558	23928	2.48%	0.214%
15	11.222	876	878	880	rVB	11160	14414	1.49%	0.129%
16	11.451	893	898	900	rBV	13728	21555	2.23%	0.192%
17	11.519	901	904	906	rBV	346940	388238	40.17%	3.465%
18	12.365	976	978	979	rBV	259254	251235	26.00%	2.242%
19	12.388	979	980	983	rVV	169685	202659	20.97%	1.809%
20	12.456	983	986	989	rVB	61032	59902	6.20%	0.535%
21	12.674	1003	1005	1009	rBV	23186	23225	2.40%	0.207%
22	12.994	1031	1033	1034	rBV	16964	17313	1.79%	0.155%
23	13.028	1034	1036	1039	rVB	21908	26347	2.73%	0.235%
24	13.085	1039	1041	1042	rBV	11900	12088	1.25%	0.108%
25	13.119	1042	1044	1046	rVV	49358	54927	5.68%	0.490%
26	13.154	1046	1047	1049	rVB	12459	10285	1.06%	0.092%
27	13.394	1064	1068	1070	rBV2	17277	34776	3.60%	0.310%
28	13.679	1090	1093	1094	rBV	9341	15280	1.58%	0.136%
29	13.759	1099	1100	1104	rVB2	10627	18244	1.89%	0.163%
30	13.862	1106	1109	1111	rBV	323142	445418	46.09%	3.975%
31	14.034	1122	1124	1126	rBV	14459	16112	1.67%	0.144%
32	14.125	1130	1132	1135	rVV	389317	485088	50.20%	4.329%
33	14.205	1137	1139	1140	rVV	12277	12316	1.27%	0.110%
34	14.297	1144	1147	1148	rBV	23035	27443	2.84%	0.245%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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35	14.354	1148	1152	1154	rVV	766096	826474	85.52%	7.376%
36	14.422	1154	1158	1160	rVB2	17268	33162	3.43%	0.296%
37	14.457	1160	1161	1164	rBV	10133	9678	1.00%	0.086%
38	14.548	1164	1169	1172	rBV2	42843	79297	8.21%	0.708%
39	14.628	1174	1176	1178	rBV	24750	34818	3.60%	0.311%
40	14.674	1178	1180	1182	rBV2	35524	51851	5.37%	0.463%
41	14.708	1182	1183	1185	rVV2	19488	18665	1.93%	0.167%
42	14.788	1188	1190	1191	rVB	11456	13526	1.40%	0.121%
43	14.822	1191	1193	1195	rBV	13385	15946	1.65%	0.142%
44	15.085	1214	1216	1218	rVB	12623	12981	1.34%	0.116%
45	15.177	1220	1224	1228	rVB	38107	50972	5.27%	0.455%
46	15.314	1233	1236	1237	rBV	36053	53736	5.56%	0.480%
47	15.348	1237	1239	1242	rBV2	32215	56552	5.85%	0.505%
48	15.394	1242	1243	1245	rBV	17307	22373	2.32%	0.200%
49	15.440	1245	1247	1249	rVB	41673	48975	5.07%	0.437%
50	15.542	1251	1256	1259	rBV3	66000	119026	12.32%	1.062%
51	15.622	1259	1263	1264	rVV2	368510	642542	66.49%	5.735%
52	15.657	1264	1266	1268	rVV	200076	251478	26.02%	2.244%
53	15.691	1268	1269	1271	rVB2	12381	15312	1.58%	0.137%
54	15.748	1271	1274	1276	rBV	37336	51790	5.36%	0.462%
55	15.794	1276	1278	1280	rBV3	31569	39569	4.09%	0.353%
56	15.874	1283	1285	1287	rVB	32437	38023	3.93%	0.339%
57	15.920	1287	1289	1290	rBV	30432	32896	3.40%	0.294%
58	16.023	1296	1298	1299	rBV2	9868	14200	1.47%	0.127%
59	16.114	1303	1306	1307	rVV	32799	47856	4.95%	0.427%
60	16.148	1307	1309	1312	rVB2	19819	28753	2.98%	0.257%
61	16.228	1314	1316	1317	rBV2	11870	16937	1.75%	0.151%
62	16.320	1322	1324	1327	rBV2	10896	23546	2.44%	0.210%
63	16.491	1337	1339	1341	rBV3	20114	37947	3.93%	0.339%
64	16.685	1354	1356	1357	rBV	12018	23933	2.48%	0.214%
65	16.868	1369	1372	1377	rBV	233431	518117	53.61%	4.624%
66	16.983	1380	1382	1384	rVB	48637	59036	6.11%	0.527%
67	17.028	1384	1386	1387	rBV	10932	12552	1.30%	0.112%
68	17.097	1390	1392	1393	rVV2	16428	24615	2.55%	0.220%
69	17.177	1396	1399	1402	rVB	138041	180718	18.70%	1.613%
70	17.234	1402	1404	1407	rBV	201281	232861	24.10%	2.078%
71	17.291	1407	1409	1414	rBV2	230693	433329	44.84%	3.867%

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Start Thrs: 0.2 Max Peaks: 100
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72	17.463	1422	1424	1426	rBV3	16527	26365	2.73%	0.235%
73	18.251	1491	1493	1498	rVB5	40378	98347	10.18%	0.878%
74	18.377	1501	1504	1508	rVV2	30115	76298	7.90%	0.681%
75	18.503	1512	1515	1520	rVB2	90050	194064	20.08%	1.732%
76	18.663	1526	1529	1530	rBV	22187	41206	4.26%	0.368%
77	18.709	1530	1533	1541	rVV5	31587	127025	13.14%	1.134%
78	18.846	1543	1545	1553	rVB	80379	156620	16.21%	1.398%

Sum of corrected areas: 11204663

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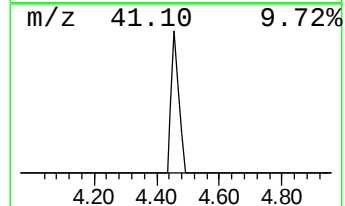
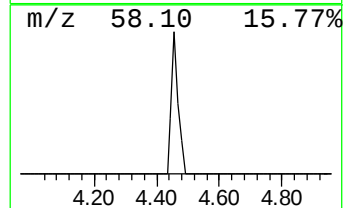
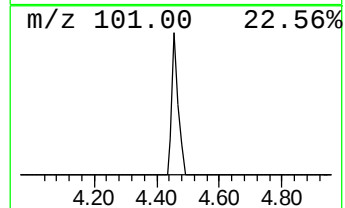
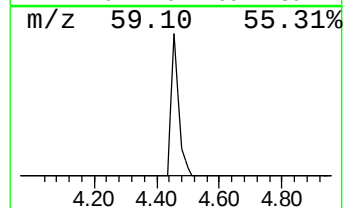
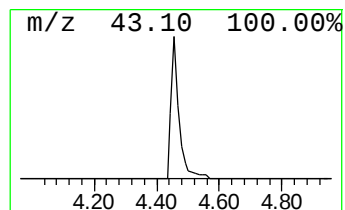
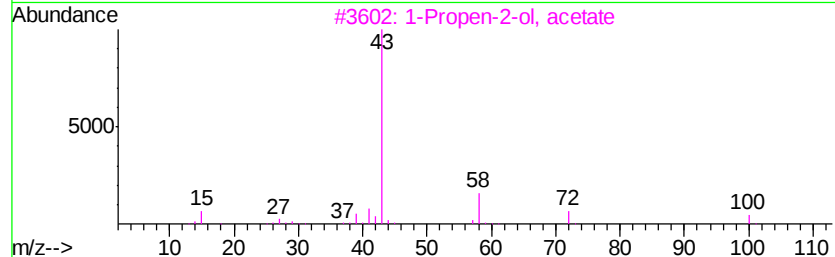
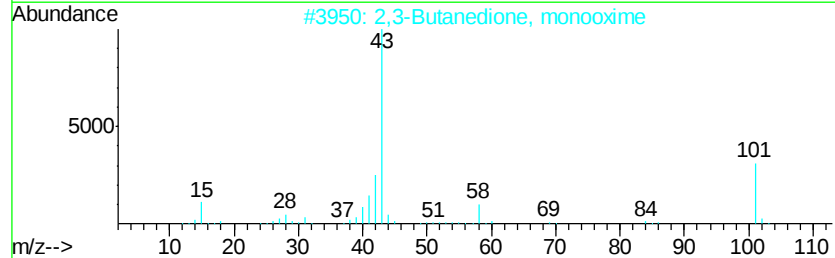
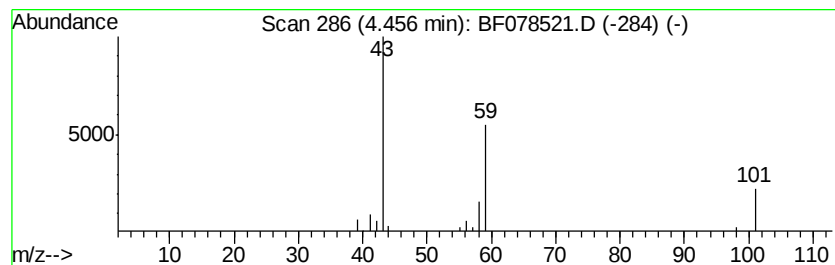
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	7.81 ng	44170	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	9



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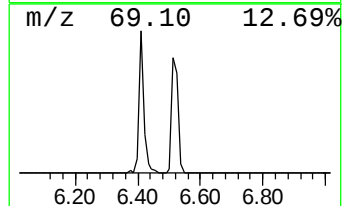
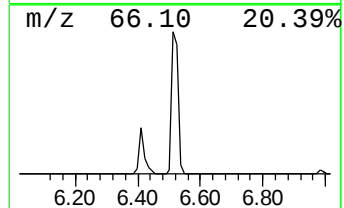
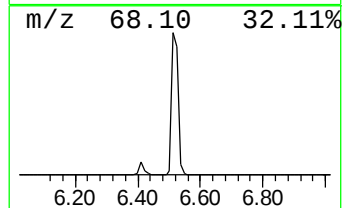
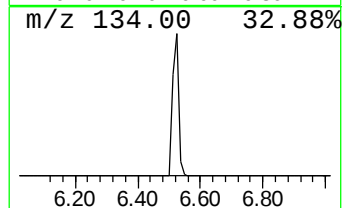
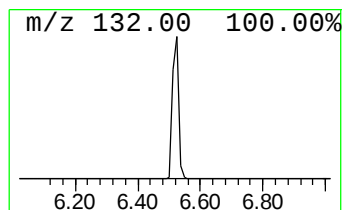
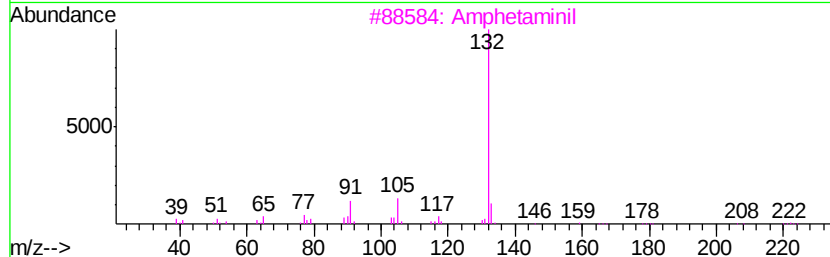
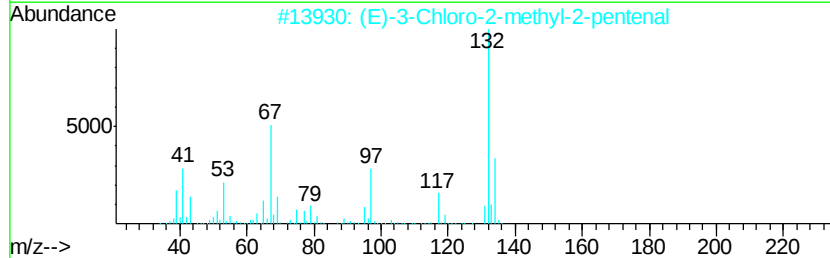
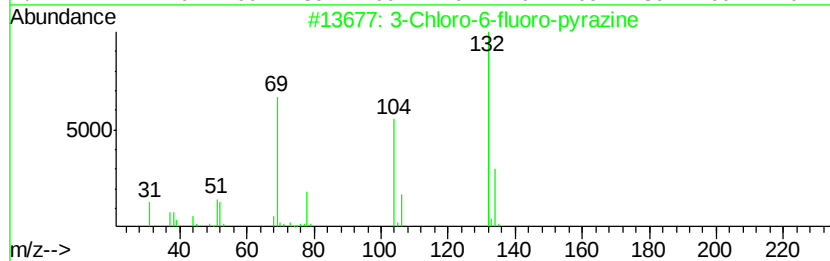
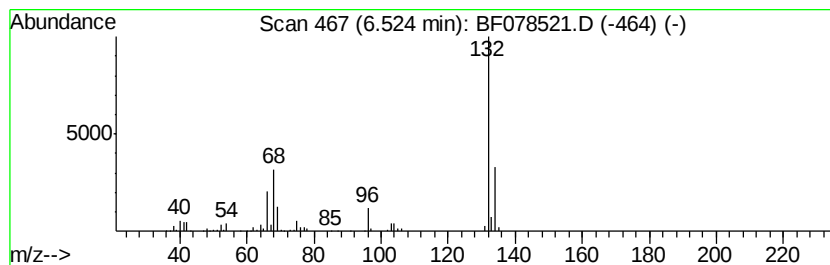
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	81.20 ng	459128	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranylcypropmine-propionyl	189	C12H15NO	1000123-86-3	12
5		Xenon	132	Xe	007440-63-3	9



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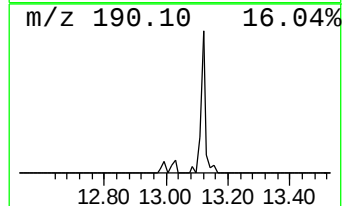
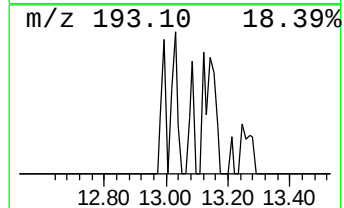
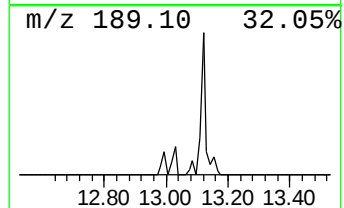
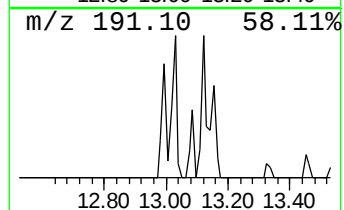
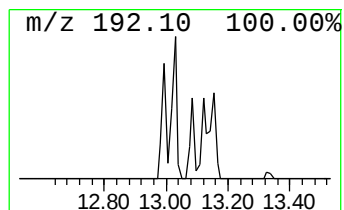
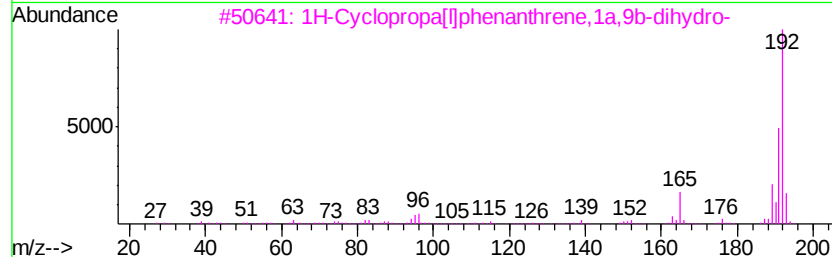
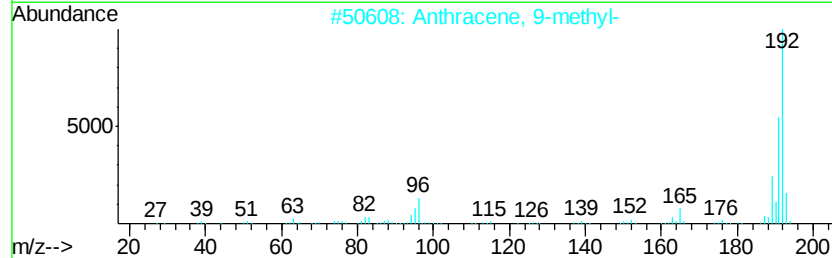
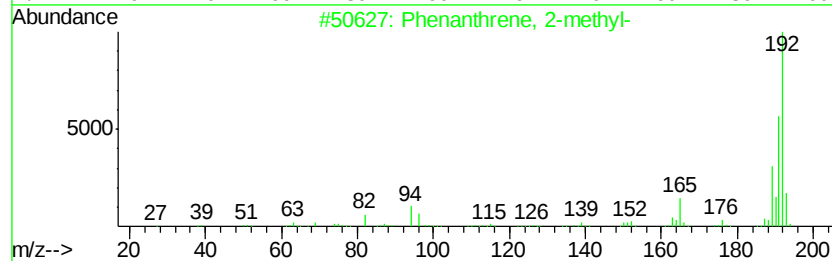
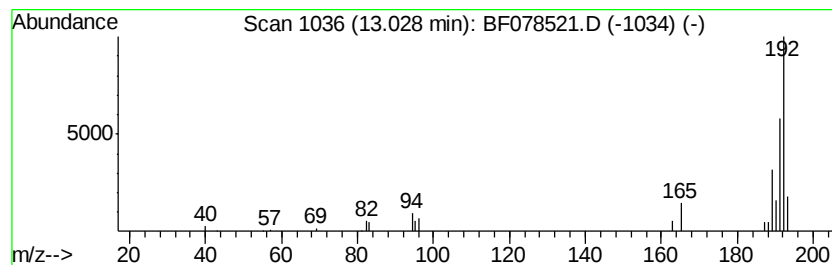
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.03	2.10 ng	26347	Phenanthrene-d10	12.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83



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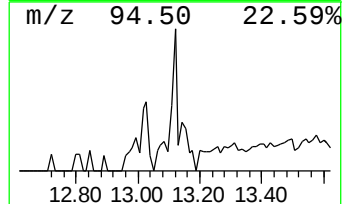
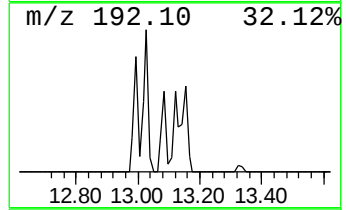
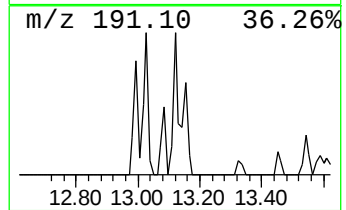
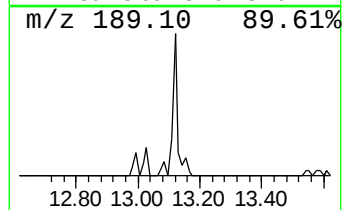
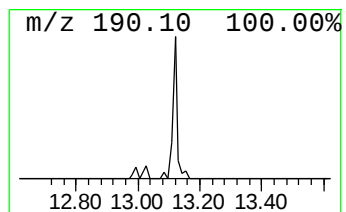
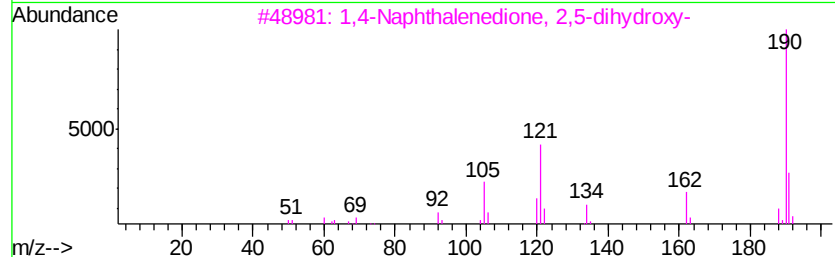
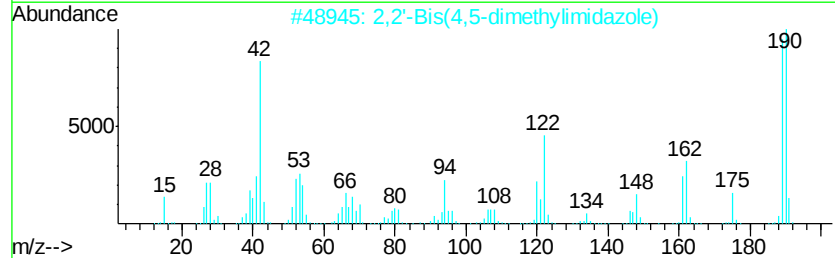
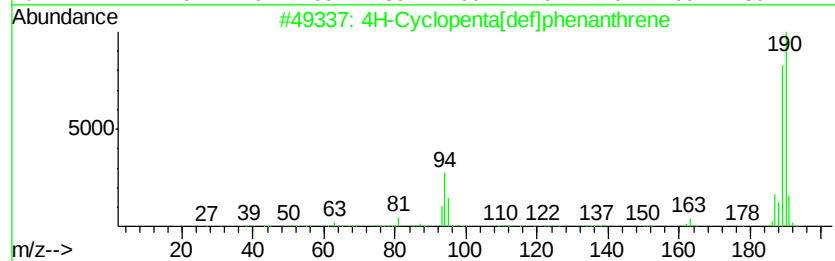
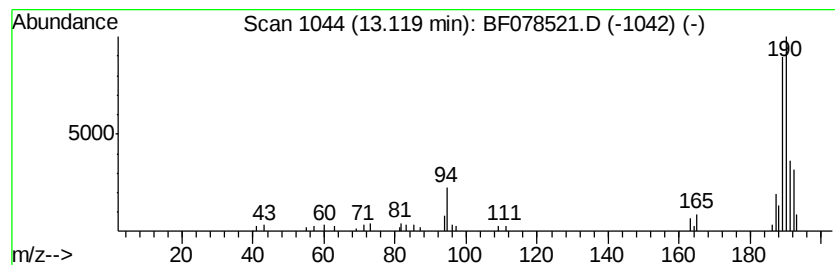
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	4.37 ng	54927	Phenanthrene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	23
5		4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078521.D
Acq On : 15 Apr 2015 1:44
Operator : TP/IZ
Sample : G1823-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampled :
SP-6

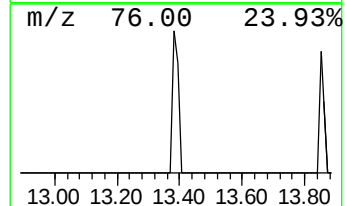
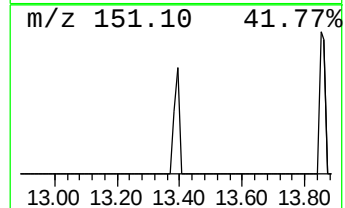
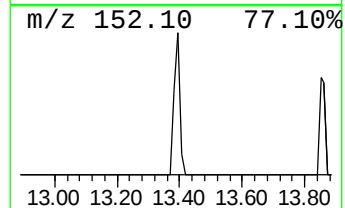
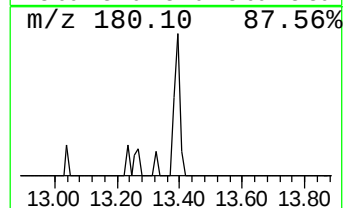
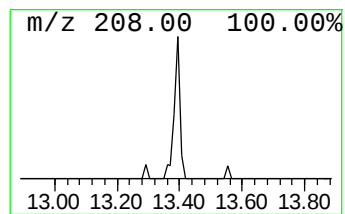
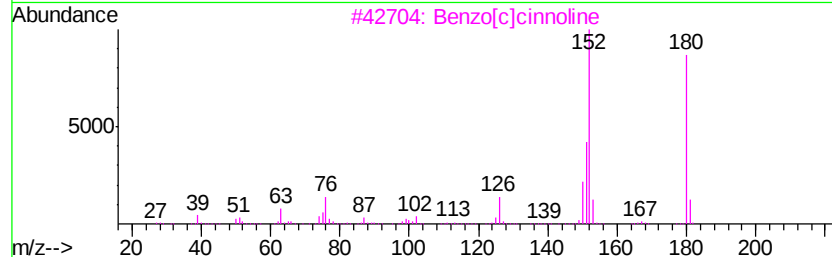
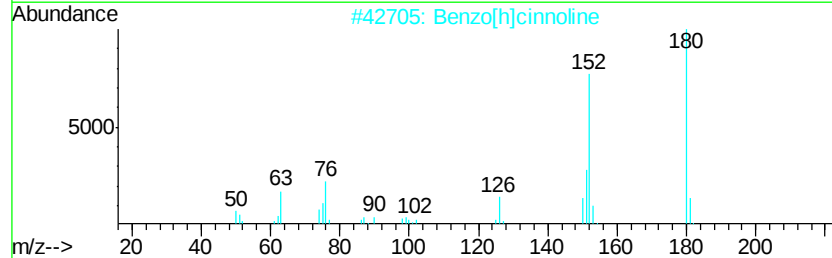
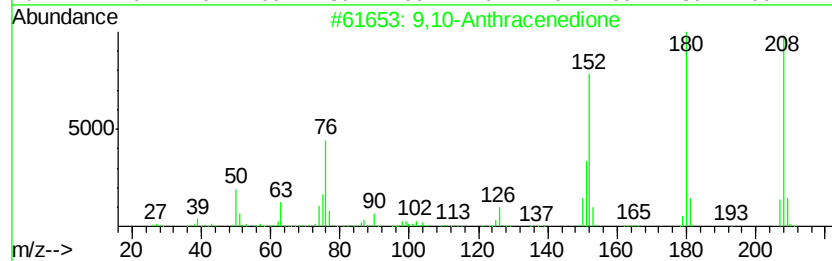
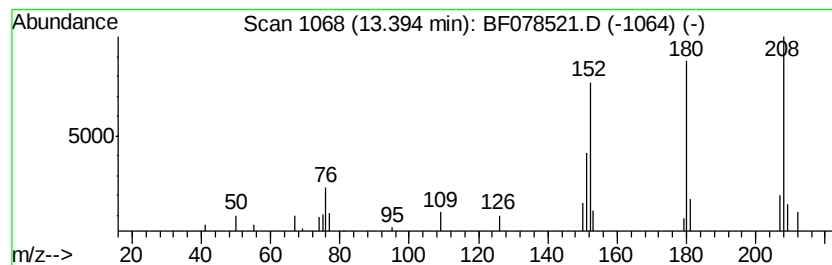
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.77 ng	34776	Phenanthrene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
4		1,4-Anthracenedione	208	C14H8O2	000635-12-1	50
5		4-(2-(4-Formylphenyl)ethenyl)pyr...	209	C14H11NO	074401-03-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078521.D
Acq On : 15 Apr 2015 1:44
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Sample : G1823-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-6

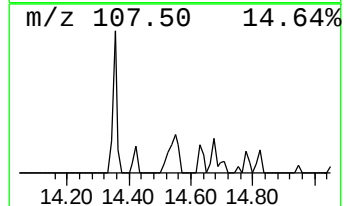
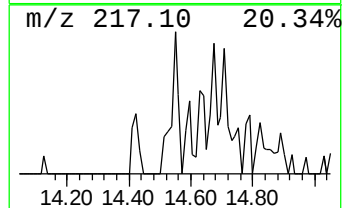
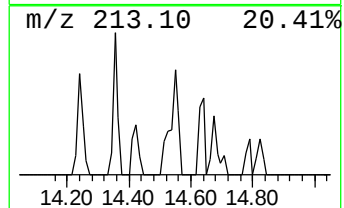
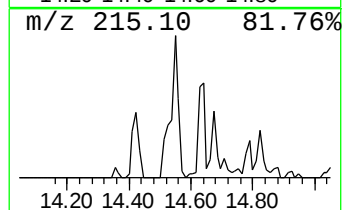
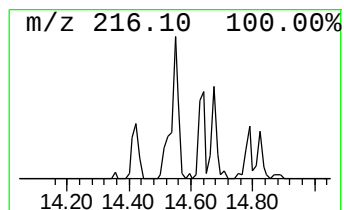
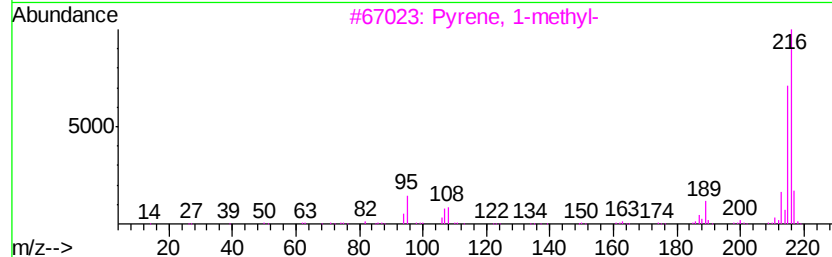
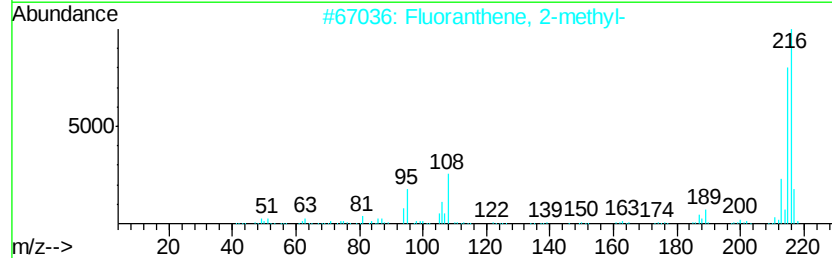
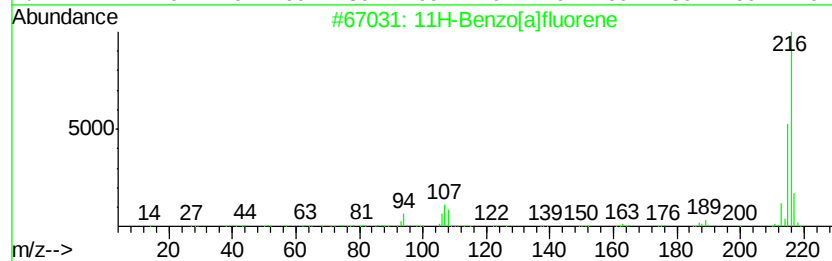
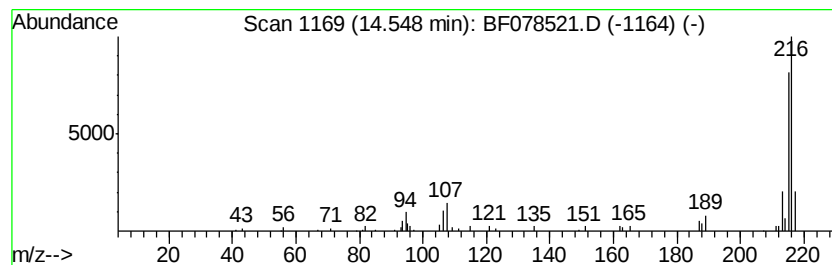
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.47 ng	79297	Chrysene-d12	15.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078521.D
Acq On : 15 Apr 2015 1:44
Operator : TP/IZ
Sample : G1823-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

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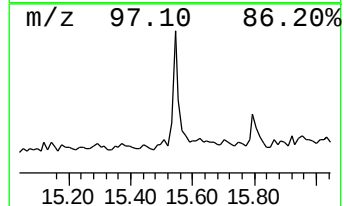
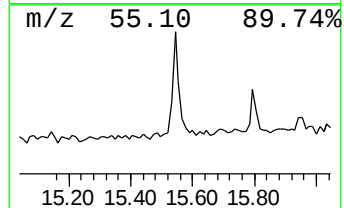
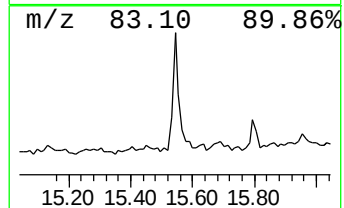
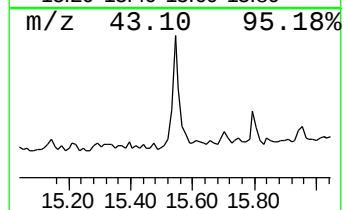
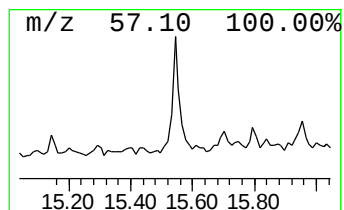
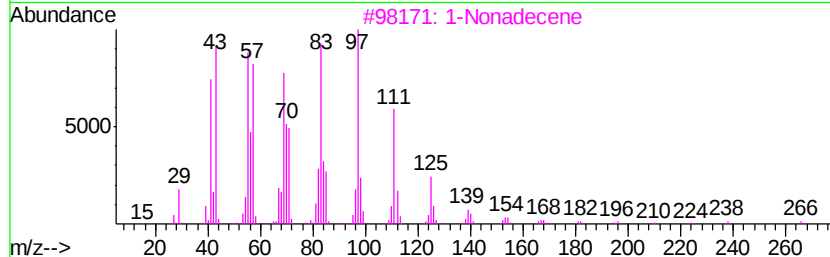
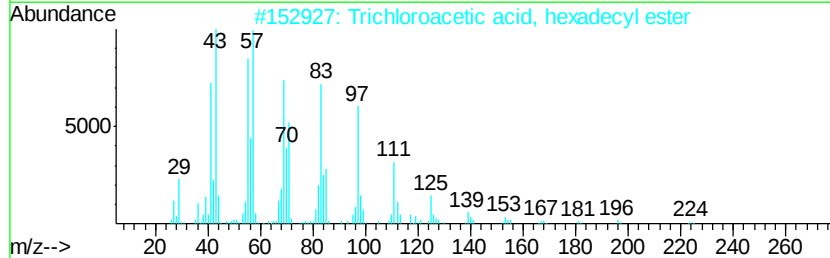
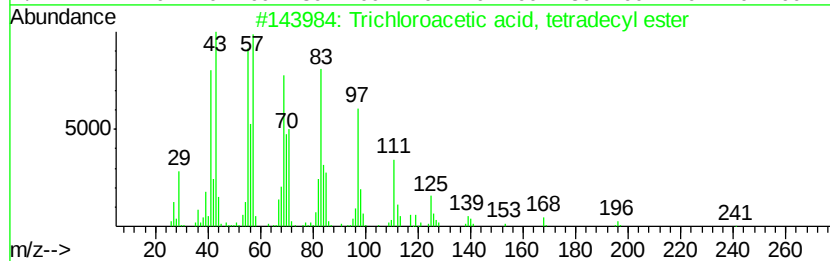
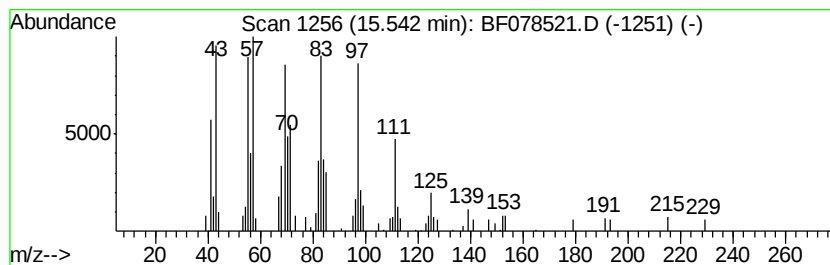
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Trichloroacetic acid, tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	3.70 ng	119026	Chrysene-d12	15.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		1-Nonadecene	266	C19H38	018435-45-5	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		1-Pentadecanol	228	C15H32O	000629-76-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078521.D
Acq On : 15 Apr 2015 1:44
Operator : TP/IZ
Sample : G1823-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-6

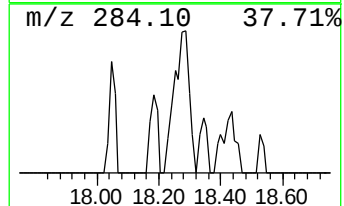
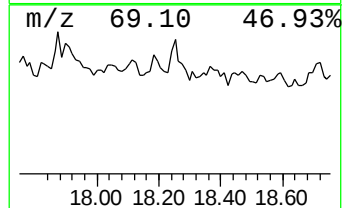
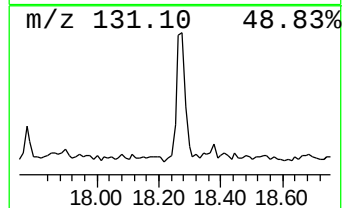
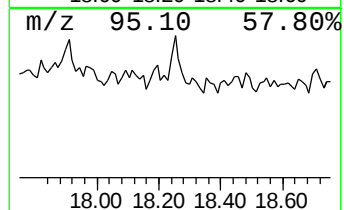
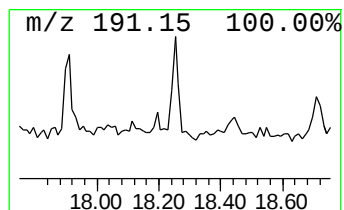
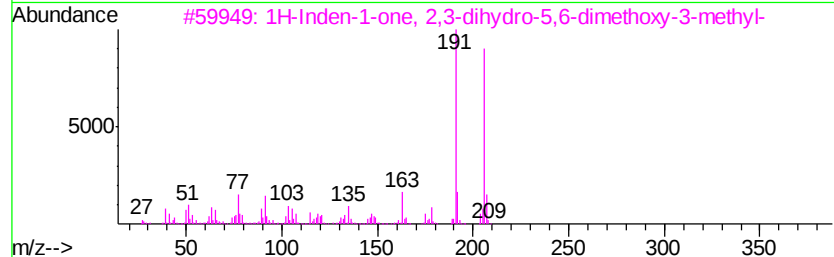
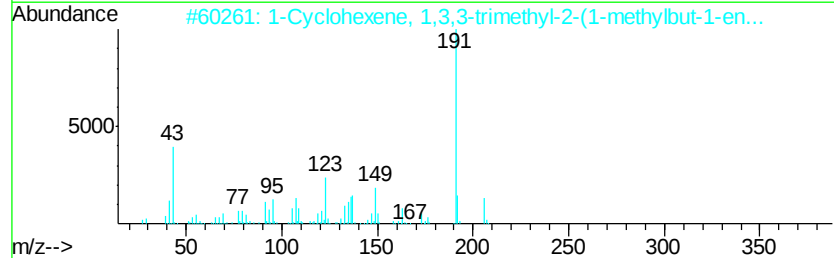
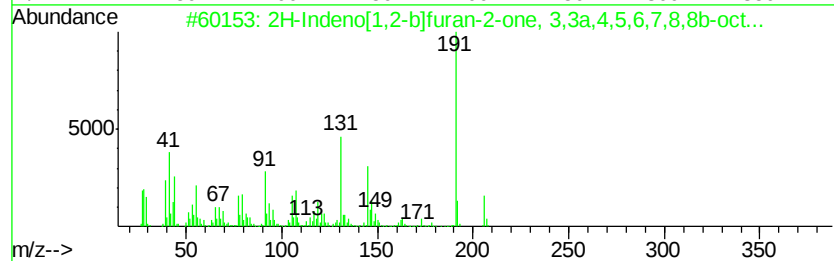
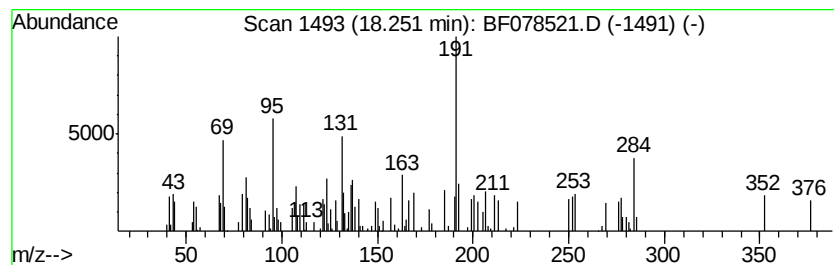
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown18.25 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	4.54 ng	98347	Perylene-d12	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Indeno[1,2-b]furan-2-one, 3,3...	206	C13H18O2	1000196-74-3	46
2		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
3		1H-Inden-1-one, 2,3-dihydro-5,6-...	206	C12H14O3	004082-25-1	35
4		Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	35
5		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078521.D
Acq On : 15 Apr 2015 1:44
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Sample : G1823-11
Misc :
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Instrument :
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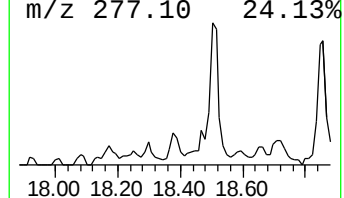
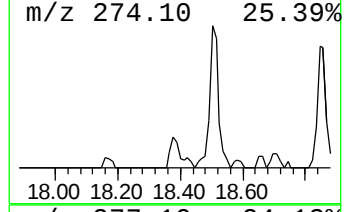
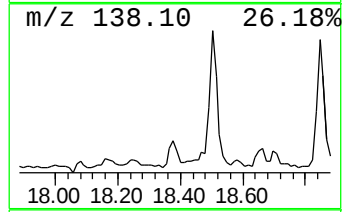
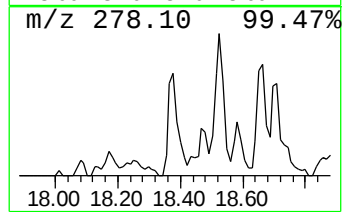
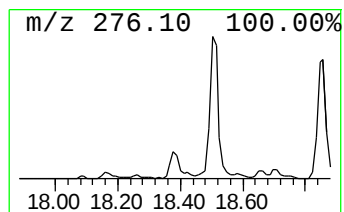
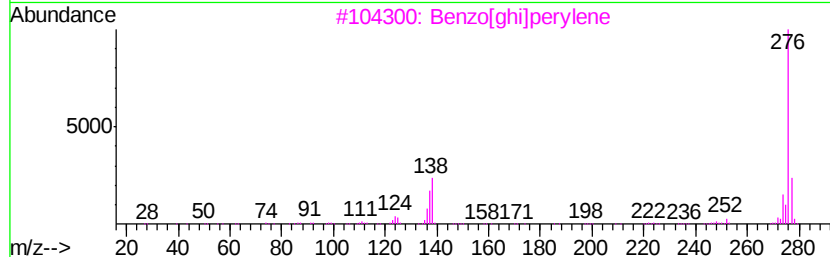
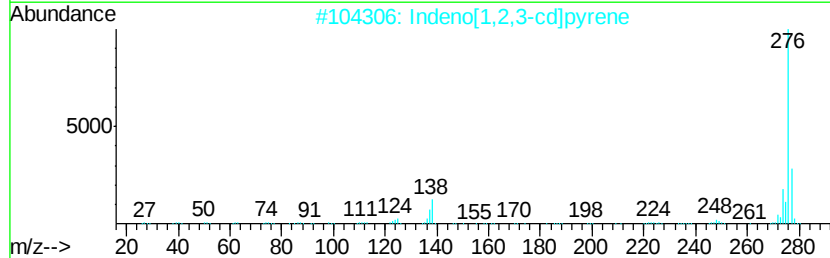
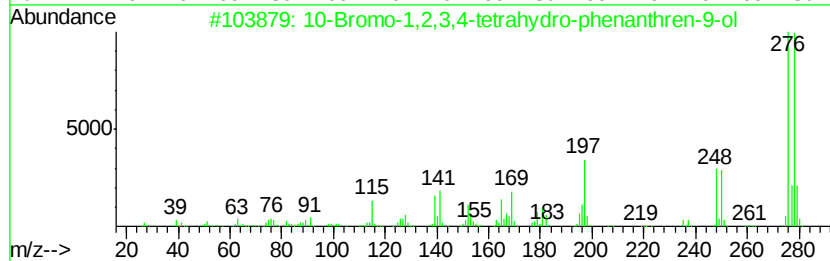
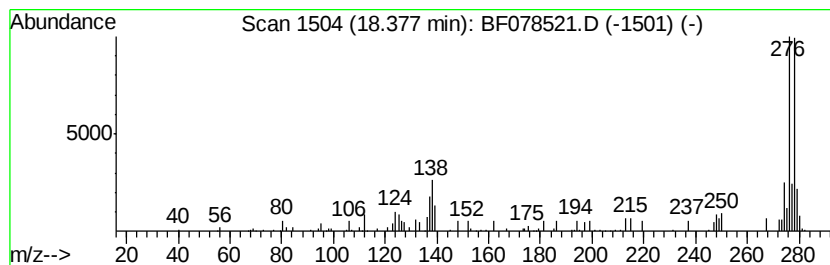
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 10-Bromo-1,2,3,4-tetrahydro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.52 ng	76298	Perylene-d12	17.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13BrO	1000190-54-9	68
2			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	50
3			Benzo[ghi]perylene	276	C22H12	000191-24-2	50
4			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	50
5			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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ClientSampleId :
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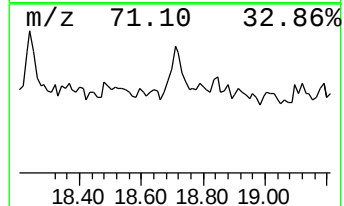
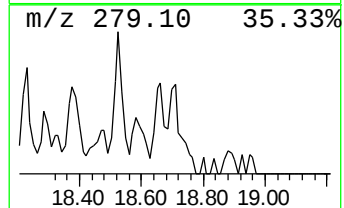
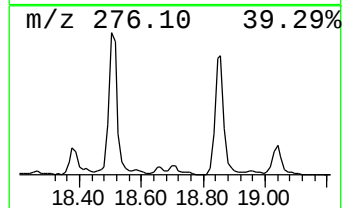
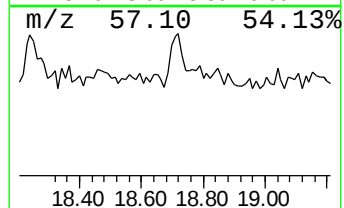
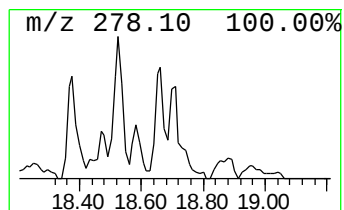
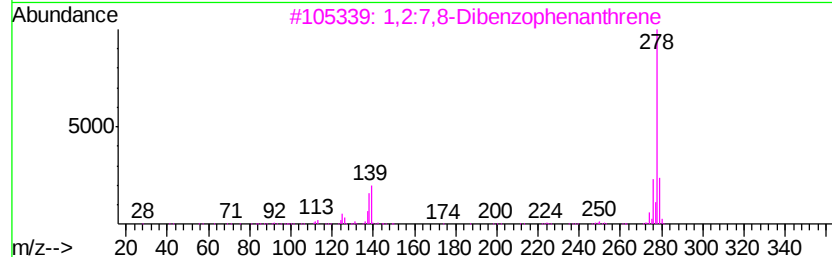
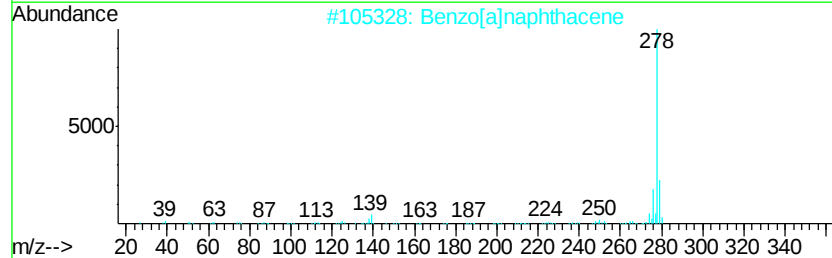
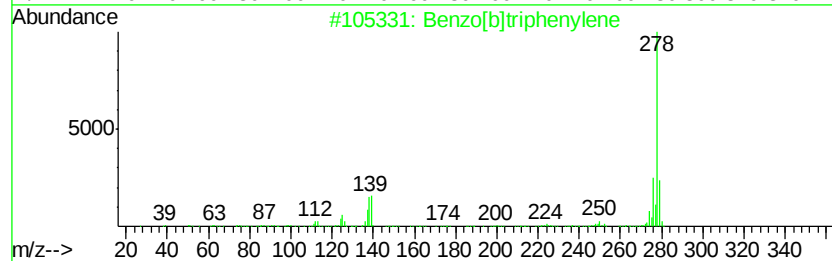
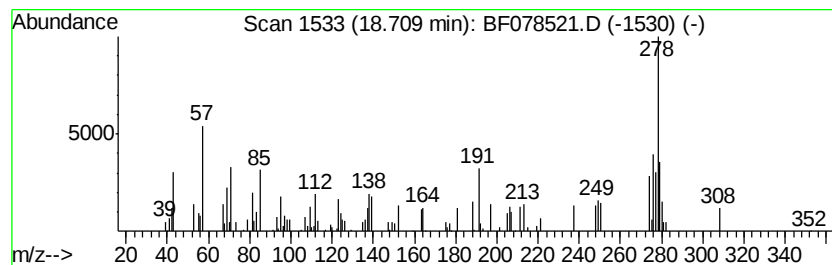
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown18.71 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	5.86 ng	127025	Perylene-d12	17.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	45
2			Benzo[a]naphthacene	278	C22H14	000226-88-0	43
3			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	43
4			Pentaphene	278	C22H14	000222-93-5	43
5			Pentacene	278	C22H14	000135-48-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.46	7.8	ng	44170	1	6.80	113092	20.0
unknown6.52	6.52	81.2	ng	459128	1	6.80	113092	20.0
Phenanthrene, 2-m...	13.03	2.1	ng	26347	4	12.37	251235	20.0
4H-Cyclopenta[def...	13.12	4.4	ng	54927	4	12.37	251235	20.0
9,10-Anthracenedione	13.39	2.8	ng	34776	4	12.37	251235	20.0
11H-Benzo[a]fluorene	14.55	2.5	ng	79297	5	15.62	642542	20.0
Trichloroacetic a...	15.54	3.7	ng	119026	5	15.62	642542	20.0
unknown18.25	18.25	4.5	ng	98347	6	17.30	433329	20.0
10-Bromo-1,2,3,4-...	18.38	3.5	ng	76298	6	17.30	433329	20.0
unknown18.71	18.71	5.9	ng	127025	6	17.30	433329	20.0