

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079471.D
 Acq On : 23 May 2015 12:13
 Operator : TP/IZ
 Sample : G2359-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-28D

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-BF043015.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	1.324	9	12	15	rVB	102309	191664	7.03%	0.495%
2	1.484	24	26	29	rVB	237673	266013	9.76%	0.687%
3	1.610	35	37	45	rVB	155861	264987	9.72%	0.684%
4	1.712	45	46	72	rVB	1499043	2726472	100.00%	7.037%
5	4.787	313	315	322	rBV	86266	125778	4.61%	0.325%
6	5.347	362	364	373	rBV	1212419	1394459	51.15%	3.599%
7	6.136	431	433	436	rVB	97275	95230	3.49%	0.246%
8	6.627	473	476	477	rBV	188442	269726	9.89%	0.696%
9	6.650	477	478	484	rVB	1366699	1381500	50.67%	3.566%
10	6.776	486	489	491	rBV	1202437	1477707	54.20%	3.814%
11	7.050	510	513	516	rBV	503358	459366	16.85%	1.186%
12	7.153	520	522	524	rBV	104549	94756	3.48%	0.245%
13	7.233	527	529	532	rBV	1069428	1086803	39.86%	2.805%
14	7.747	572	574	577	rBV	665699	598724	21.96%	1.545%
15	8.376	626	629	635	rVB3	24185	72817	2.67%	0.188%
16	8.627	648	651	655	rBV	716882	667546	24.48%	1.723%
17	9.873	758	760	765	rBV	69392	75685	2.78%	0.195%
18	9.976	767	769	771	rBV	1754678	1533000	56.23%	3.957%
19	10.490	811	814	816	rBV	74303	93505	3.43%	0.241%
20	10.799	836	841	843	rBV2	651505	794486	29.14%	2.050%
21	10.833	843	844	848	rVB	124959	113759	4.17%	0.294%
22	11.051	861	863	865	rBV2	64240	71007	2.60%	0.183%
23	11.473	898	900	902	rBV	119283	112857	4.14%	0.291%
24	11.782	924	927	929	rBV	603323	788774	28.93%	2.036%
25	11.942	935	941	942	rBV3	23595	52256	1.92%	0.135%
26	12.159	957	960	962	rBV3	36721	58434	2.14%	0.151%
27	12.331	970	975	976	rBV4	25301	59133	2.17%	0.153%
28	12.456	983	986	988	rBV2	54194	99564	3.65%	0.257%
29	12.502	988	990	992	rVB	61857	55387	2.03%	0.143%
30	12.639	999	1002	1003	rBV	496611	849047	31.14%	2.191%
31	12.662	1003	1004	1006	rVV	1273040	1030237	37.79%	2.659%
32	12.731	1006	1010	1012	rVV	301108	379474	13.92%	0.979%
33	12.936	1027	1028	1030	rBV	61733	89763	3.29%	0.232%
34	13.062	1036	1039	1043	rVB5	22123	64993	2.38%	0.168%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.256	1054	1056	1058	rBV	123795	178730	6.56%	0.461%
36	13.291	1058	1059	1062	rVB	176239	247515	9.08%	0.639%
37	13.359	1062	1065	1066	rBV	117578	215484	7.90%	0.556%
38	13.394	1066	1068	1069	rVV	317812	383588	14.07%	0.990%
39	13.428	1069	1071	1075	rVB	147655	204821	7.51%	0.529%
40	13.508	1075	1078	1081	rBV3	34376	73555	2.70%	0.190%
41	13.577	1081	1084	1087	rBV4	37931	50355	1.85%	0.130%
42	13.634	1087	1089	1091	rBV2	126690	182191	6.68%	0.470%
43	13.668	1091	1092	1094	rVB2	60534	51917	1.90%	0.134%
44	13.828	1103	1106	1108	rBV2	305781	370043	13.57%	0.955%
45	13.942	1114	1116	1118	rVB2	95290	124219	4.56%	0.321%
46	13.988	1118	1120	1124	rVB4	96135	249305	9.14%	0.643%
47	14.045	1124	1125	1128	rVB2	83923	130111	4.77%	0.336%
48	14.102	1128	1130	1131	rBV	52420	64717	2.37%	0.167%
49	14.137	1131	1133	1135	rVB	1770160	1708094	62.65%	4.408%
50	14.217	1137	1140	1142	rBV2	217020	318915	11.70%	0.823%
51	14.251	1142	1143	1146	rVB2	59754	72758	2.67%	0.188%
52	14.319	1146	1149	1150	rBV	102215	117290	4.30%	0.303%
53	14.354	1150	1152	1154	rBV2	32039	56262	2.06%	0.145%
54	14.411	1154	1157	1159	rBV	1351988	1761968	64.62%	4.547%
55	14.479	1162	1163	1169	rVB2	59982	144171	5.29%	0.372%
56	14.582	1169	1172	1173	rBV	101818	157987	5.79%	0.408%
57	14.628	1173	1176	1178	rVB	1553898	1510898	55.42%	3.899%
58	14.708	1178	1183	1187	rVB4	91515	213365	7.83%	0.551%
59	14.788	1187	1190	1192	rBV	646902	793492	29.10%	2.048%
60	14.834	1192	1194	1197	rVB	216530	259505	9.52%	0.670%
61	14.914	1199	1201	1203	rVB	138462	142051	5.21%	0.367%
62	14.960	1203	1205	1210	rVB	216957	325356	11.93%	0.840%
63	15.074	1213	1215	1216	rVB	84368	89609	3.29%	0.231%
64	15.108	1216	1218	1221	rBV	85636	127473	4.68%	0.329%
65	15.222	1225	1228	1229	rBV2	41997	76464	2.80%	0.197%
66	15.268	1230	1232	1234	rVB	53797	65438	2.40%	0.169%
67	15.348	1234	1239	1240	rBV4	55820	141710	5.20%	0.366%
68	15.462	1245	1249	1255	rBV2	97632	237860	8.72%	0.614%
69	15.600	1259	1261	1263	rBV	177106	216080	7.93%	0.558%
70	15.634	1263	1264	1268	rBV2	102554	189569	6.95%	0.489%
71	15.691	1268	1269	1271	rVB2	62189	64657	2.37%	0.167%

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72	15.737	1271	1273	1275	rVB	111732	153354	5.62%	0.396%
73	15.805	1276	1279	1282	rBV2	214246	321089	11.78%	0.829%
74	15.908	1285	1288	1290	rVV2	1048443	1837681	67.40%	4.743%
75	15.954	1290	1292	1293	rVV	570195	777764	28.53%	2.007%
76	16.045	1297	1300	1301	rBV	120984	122685	4.50%	0.317%
77	16.080	1301	1303	1307	rBV3	140044	183879	6.74%	0.475%
78	16.182	1310	1312	1313	rBV	76459	85136	3.12%	0.220%
79	16.228	1313	1316	1323	rVB5	97422	271326	9.95%	0.700%
80	16.365	1326	1328	1330	rBV	58113	83643	3.07%	0.216%
81	16.411	1330	1332	1334	rBV	132564	203389	7.46%	0.525%
82	16.457	1334	1336	1339	rVB	67997	68433	2.51%	0.177%
83	16.537	1340	1343	1344	rVB	71817	83369	3.06%	0.215%
84	16.571	1344	1346	1349	rBV4	54016	126672	4.65%	0.327%
85	16.628	1349	1351	1354	rVB3	56232	95948	3.52%	0.248%
86	16.685	1354	1356	1359	rVB	62618	80302	2.95%	0.207%
87	16.754	1359	1362	1363	rBV	29946	53541	1.96%	0.138%
88	16.823	1365	1368	1369	rBV2	43367	77178	2.83%	0.199%
89	16.960	1378	1380	1383	rBV3	62770	106918	3.92%	0.276%
90	17.211	1399	1402	1407	rBV	694540	1523979	55.90%	3.933%
91	17.337	1411	1413	1415	rVB	134322	192524	7.06%	0.497%
92	17.531	1428	1430	1434	rBV	436456	551707	20.24%	1.424%
93	17.600	1434	1436	1439	rVB	622316	746672	27.39%	1.927%
94	17.657	1439	1441	1443	rBV	545566	751936	27.58%	1.941%
95	19.006	1556	1559	1564	rVB2	295007	572285	20.99%	1.477%
96	19.177	1571	1574	1576	rBV	79429	156762	5.75%	0.405%
97	19.223	1576	1578	1580	rVB	59106	92996	3.41%	0.240%
98	19.394	1590	1593	1603	rVB	273658	612384	22.46%	1.581%

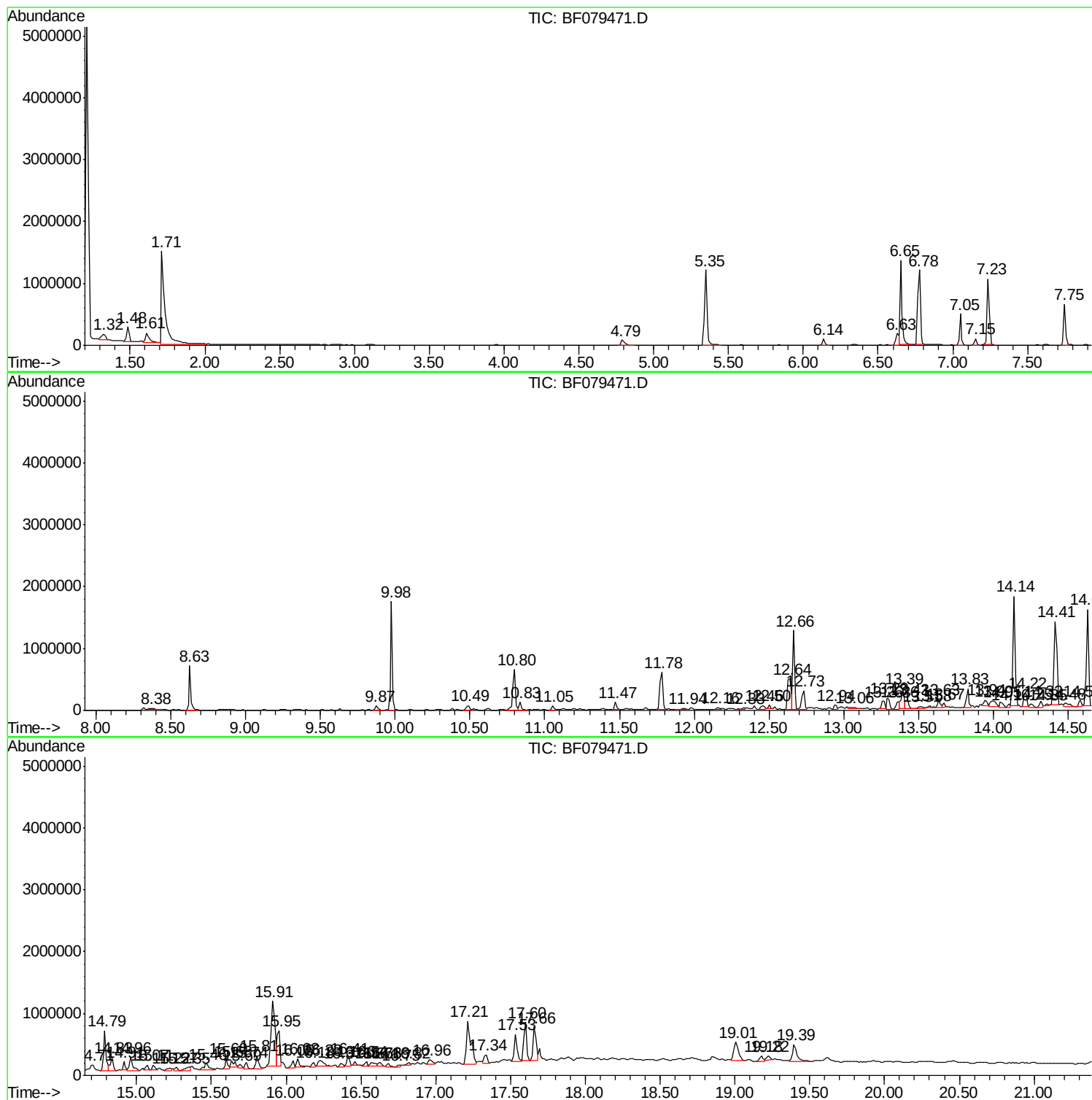
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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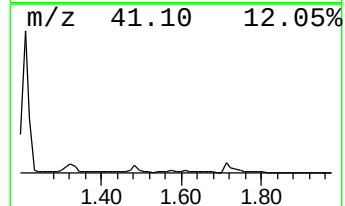
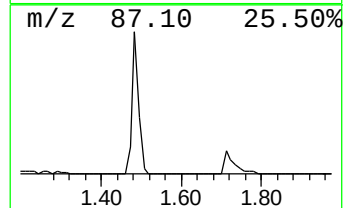
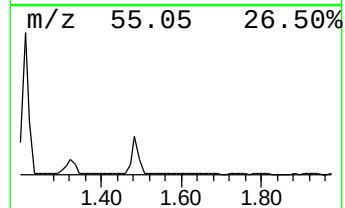
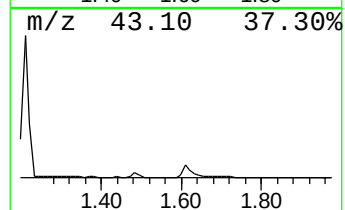
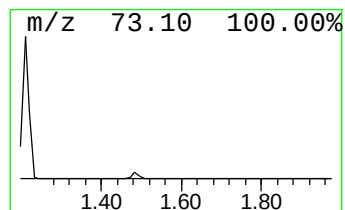
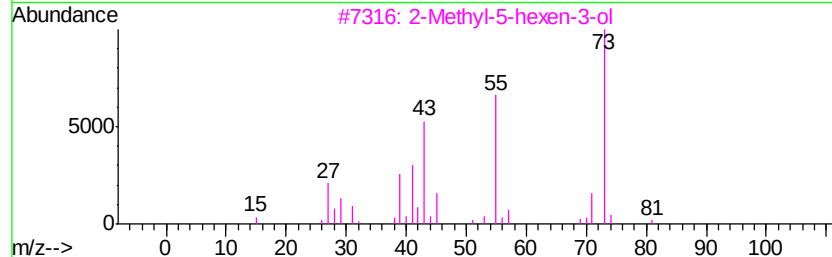
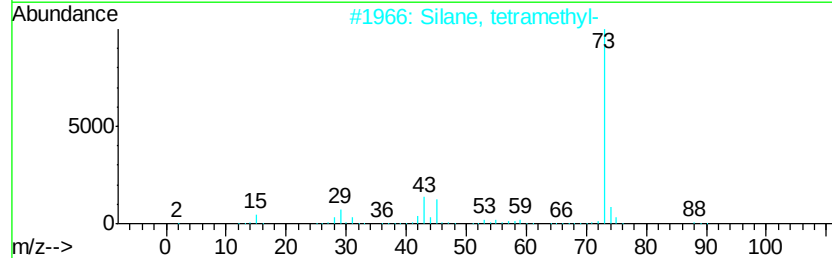
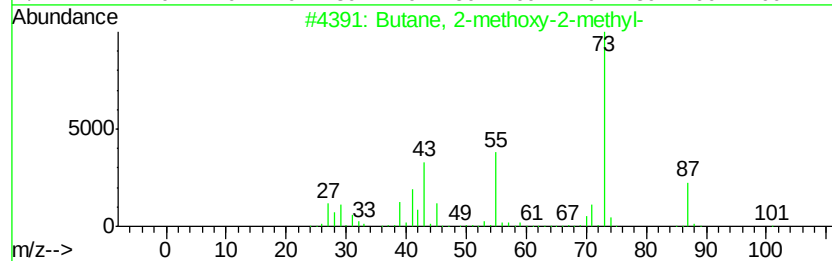
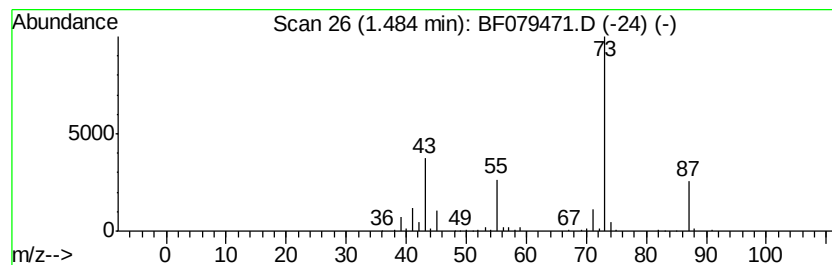
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	11.58 ng	266013	1,4-Dichlorobenzene-d4	7.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	40
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25



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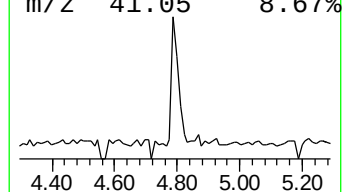
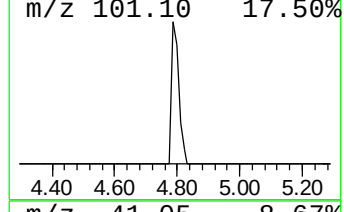
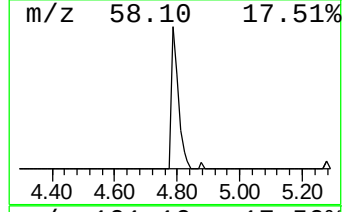
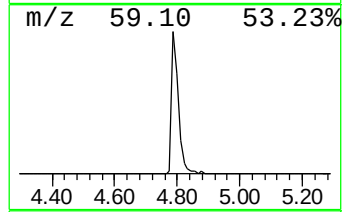
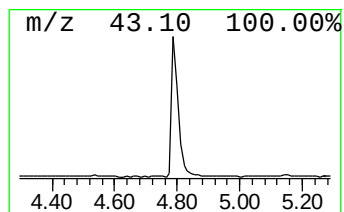
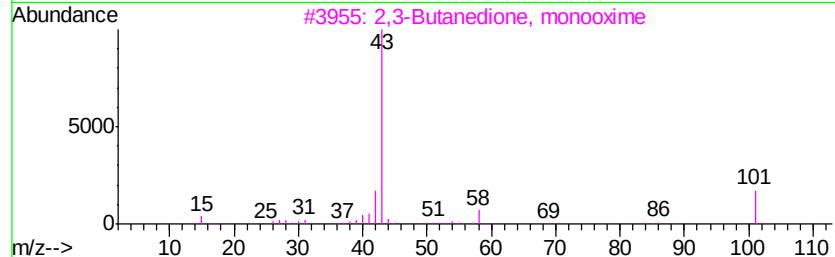
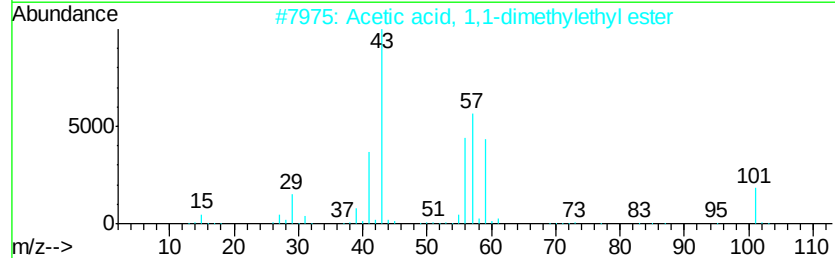
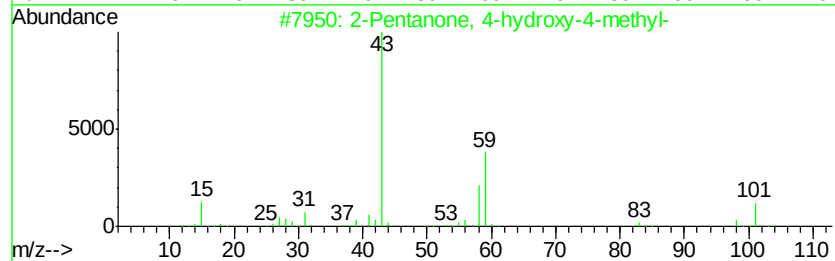
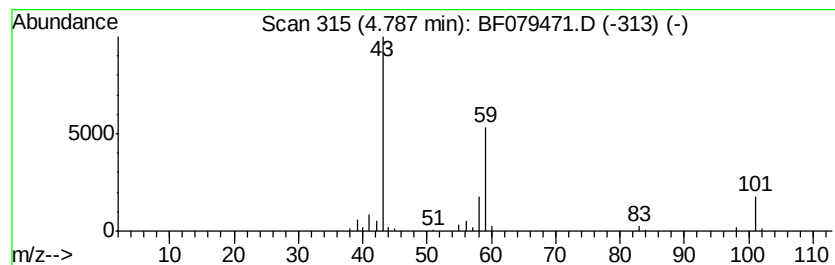
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	5.48 ng	125778	1,4-Dichlorobenzene-d4	7.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Diacetamide	101	C4H7NO2	000625-77-4	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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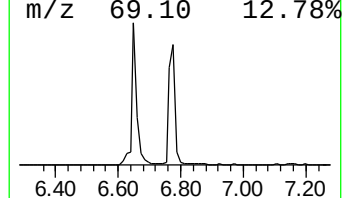
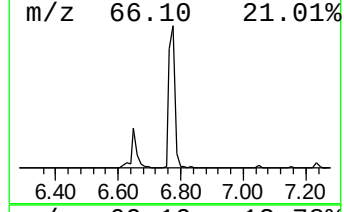
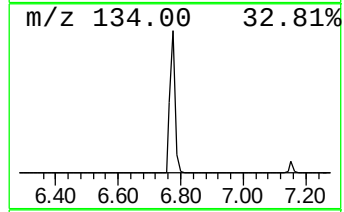
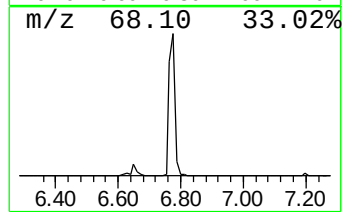
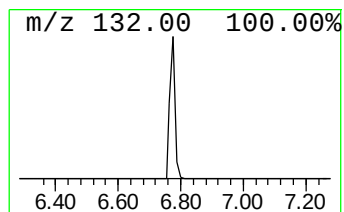
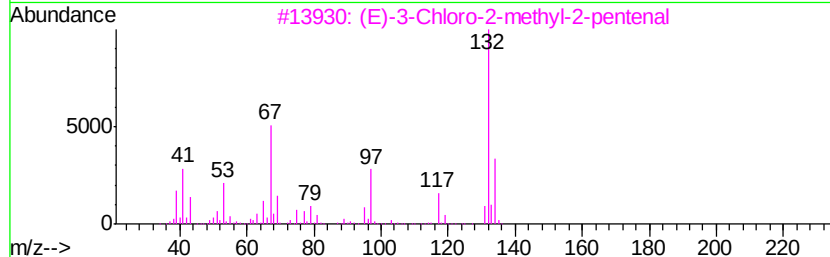
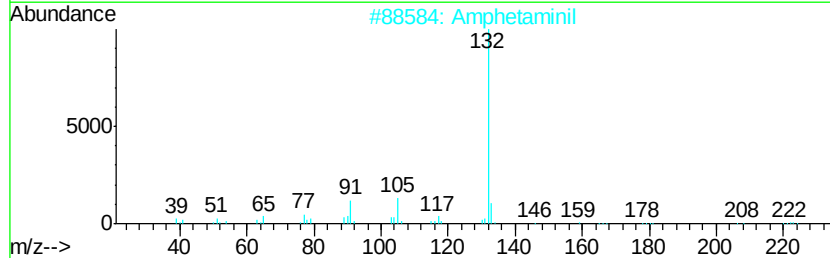
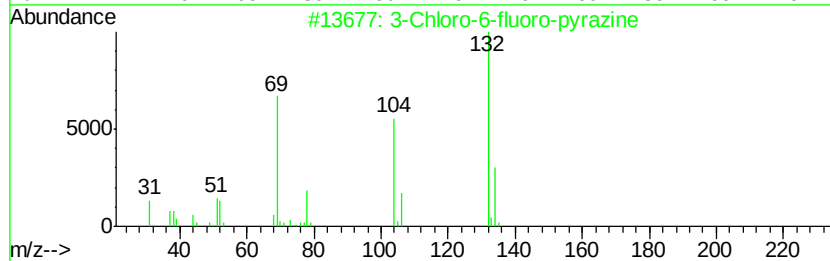
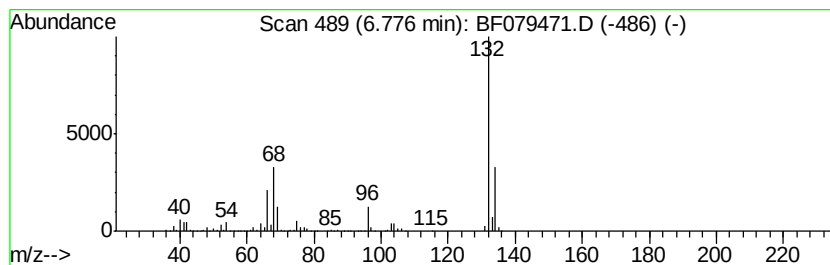
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	64.34 ng	1477710	1,4-Dichlorobenzene-d4	7.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		Amphetaminil	250	C17H18N2	017590-01-1	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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Sample : G2359-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

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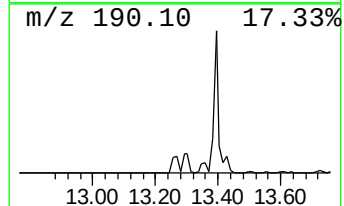
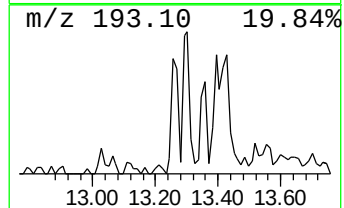
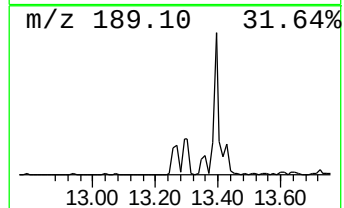
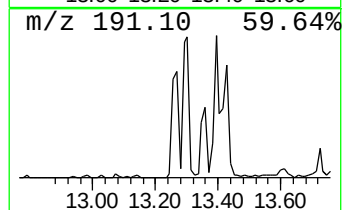
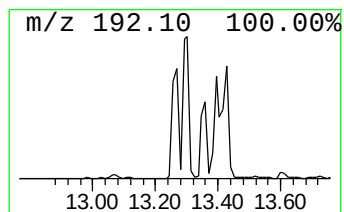
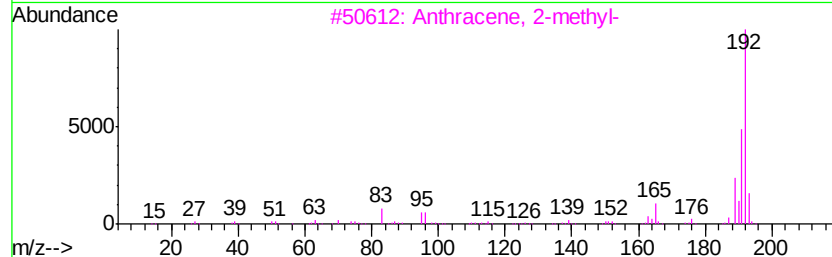
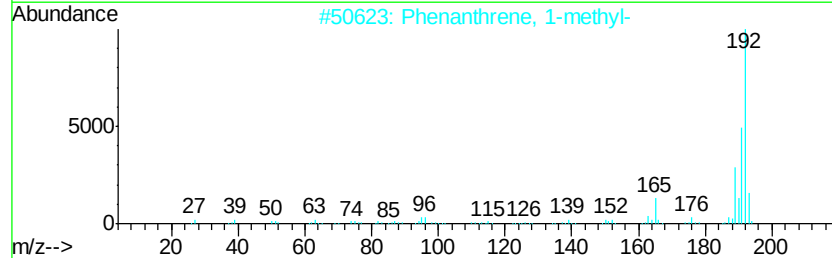
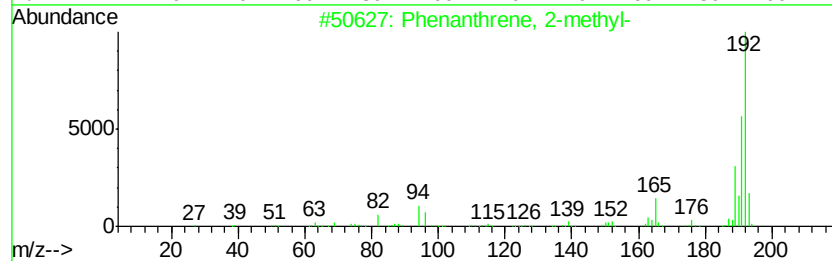
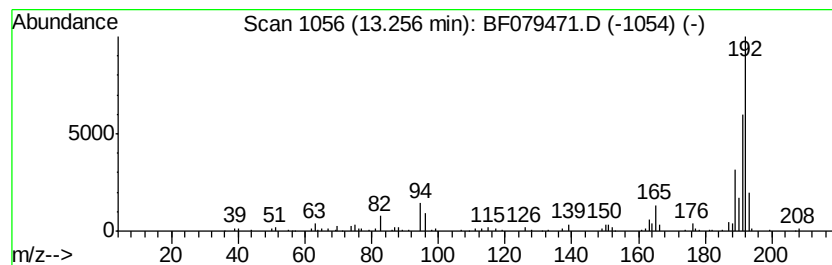
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.21 ng	178730	Phenanthrene-d10	12.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079471.D
Acq On : 23 May 2015 12:13
Operator : TP/IZ
Sample : G2359-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

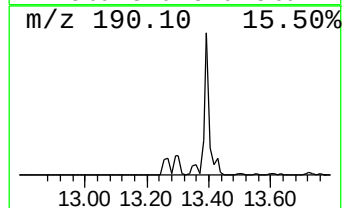
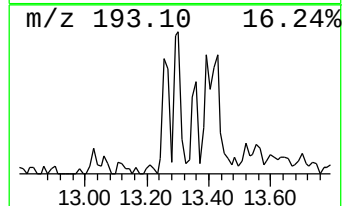
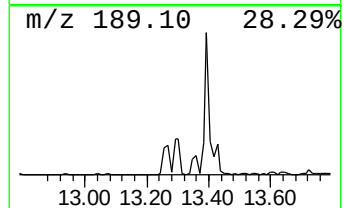
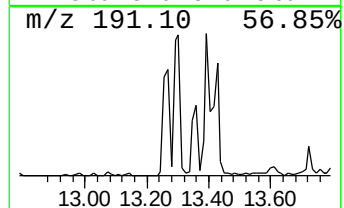
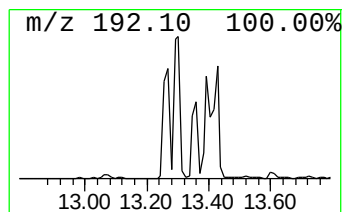
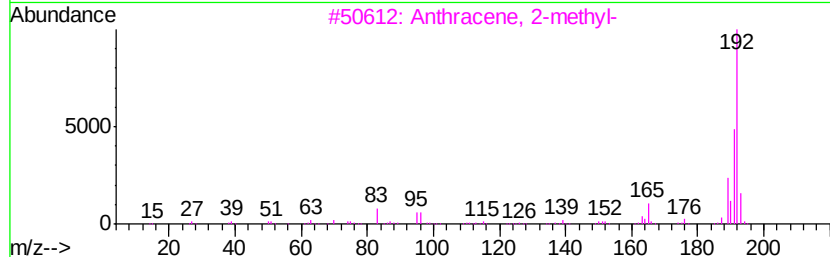
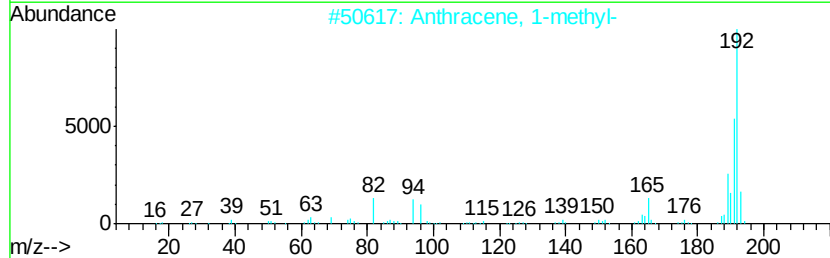
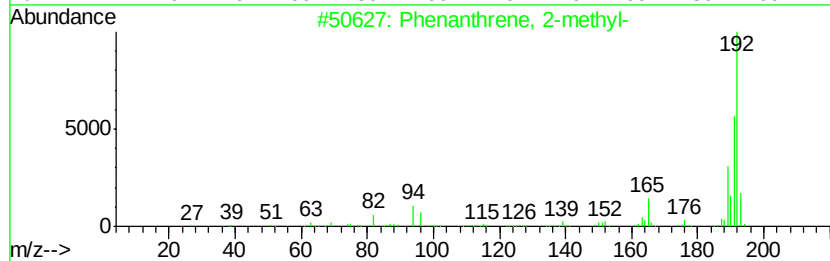
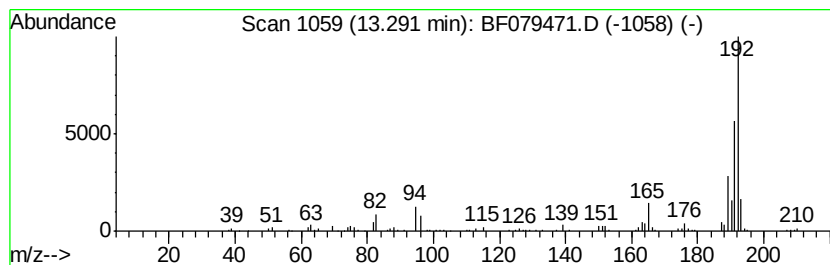
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.29	5.83 ng	247515	Phenanthrene-d10	12.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
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Misc :
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BNA_F
ClientSampleId :
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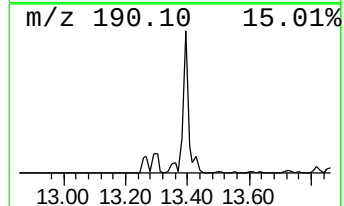
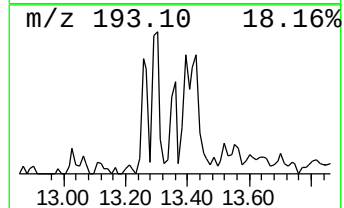
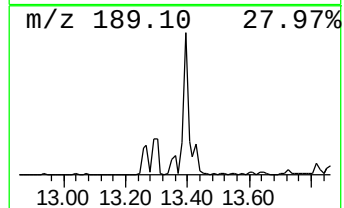
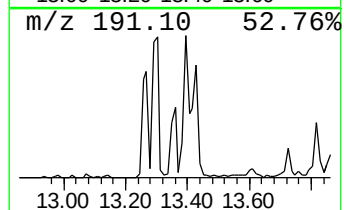
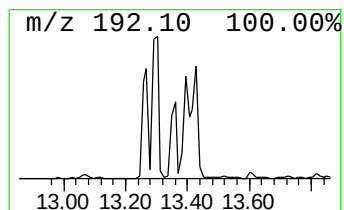
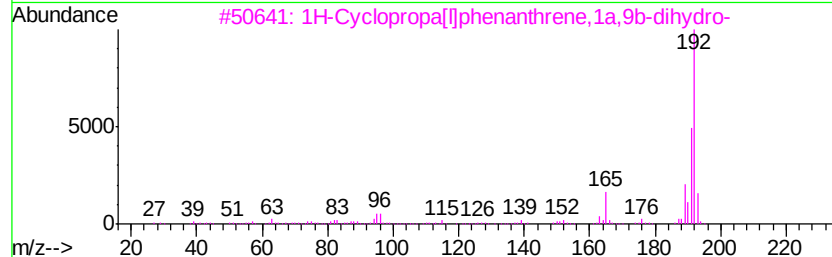
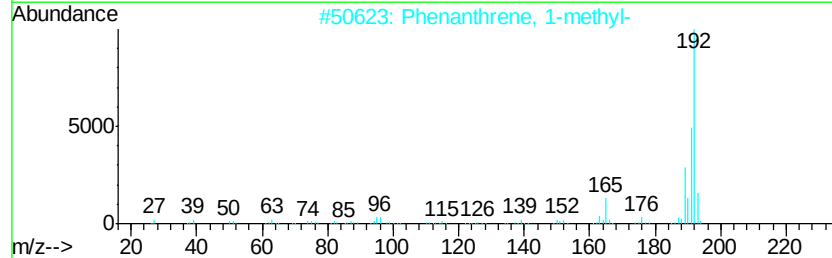
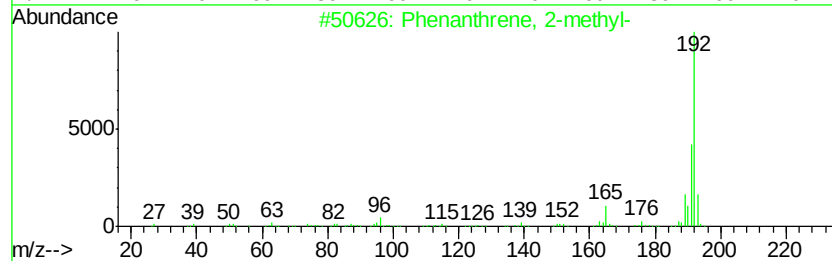
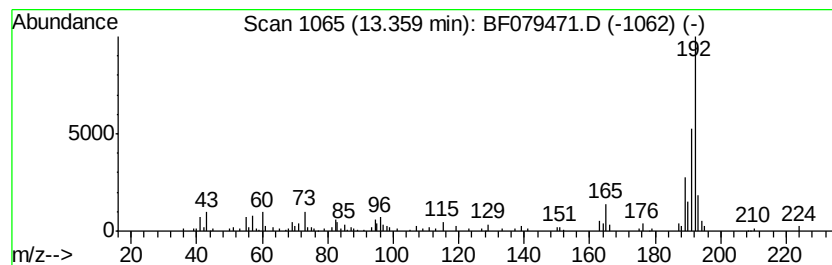
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	5.08 ng	215484	Phenanthrene-d10	12.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
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Operator : TP/IZ
Sample : G2359-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

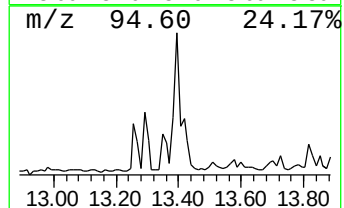
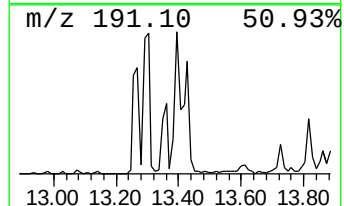
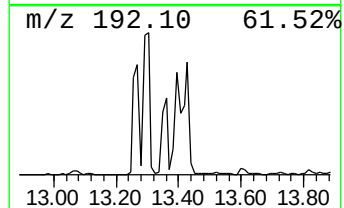
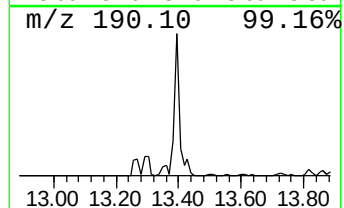
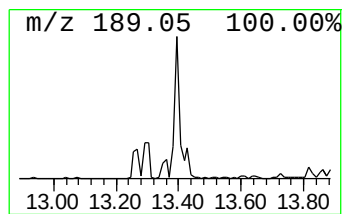
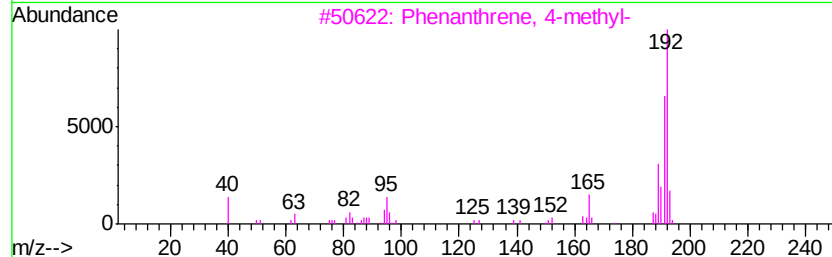
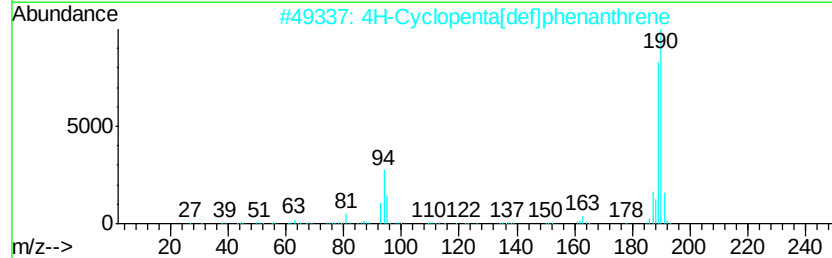
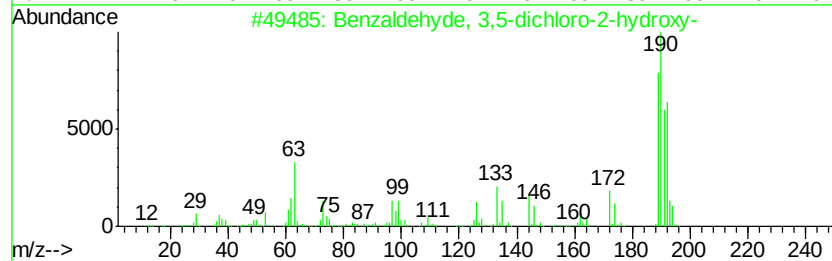
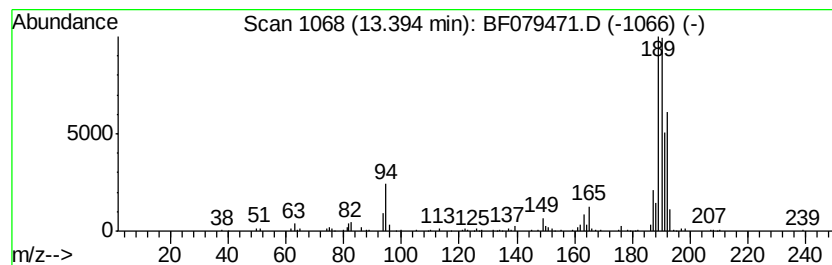
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.39	9.04 ng	383588	Phenanthrene-d10		12.64
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
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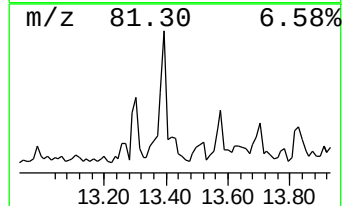
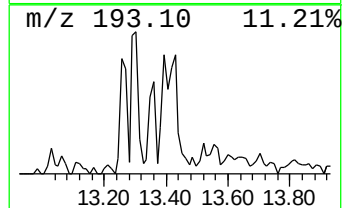
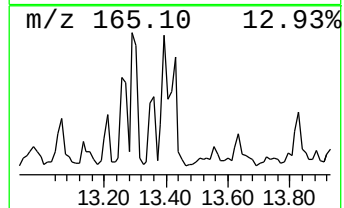
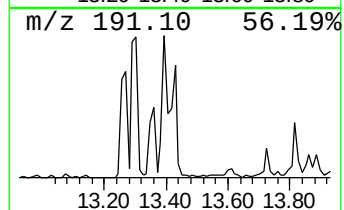
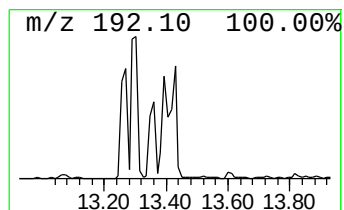
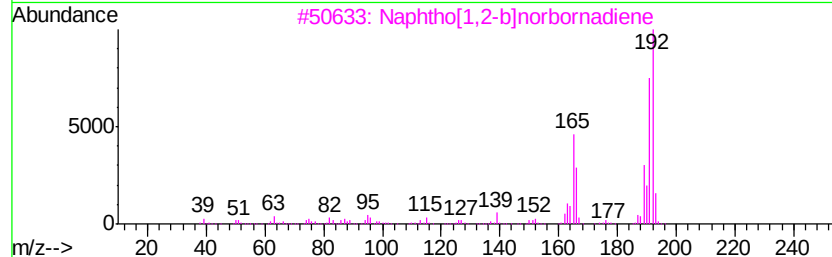
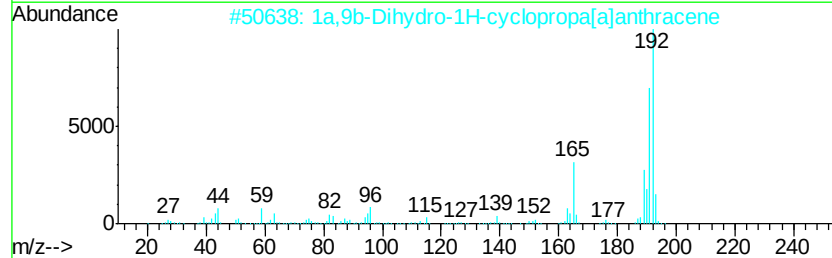
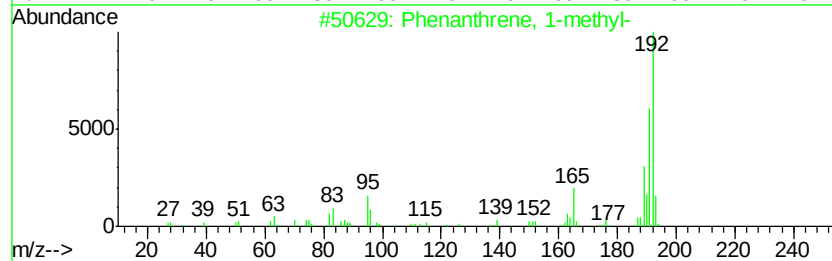
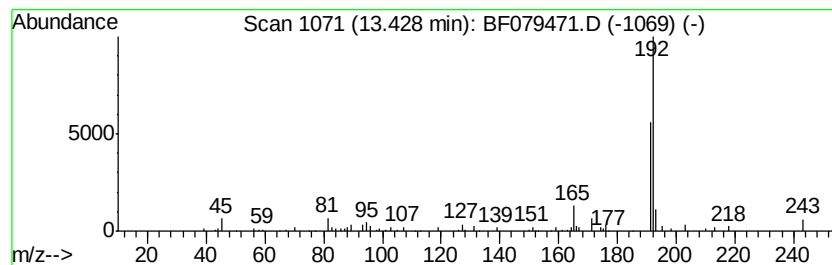
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	4.82 ng	204821	Phenanthrene-d10	12.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2		1a,9b-Dihydro-1H-cyclopropa[al]an...	192	C15H12	006109-24-6	72
3		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	72
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
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Acq On : 23 May 2015 12:13
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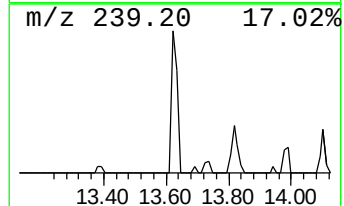
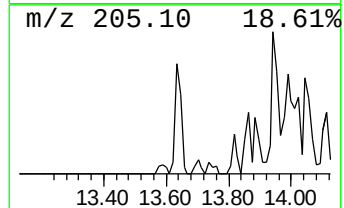
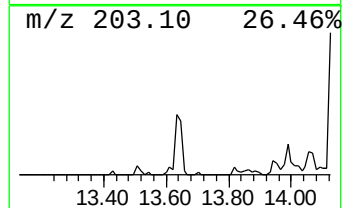
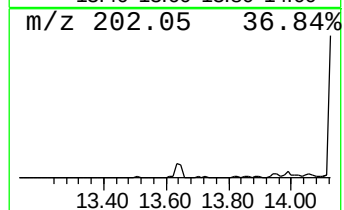
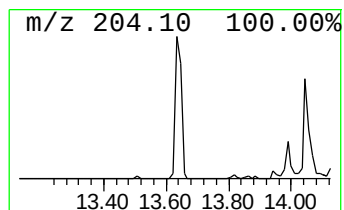
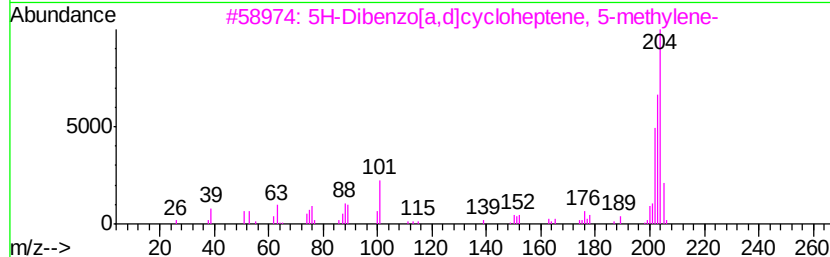
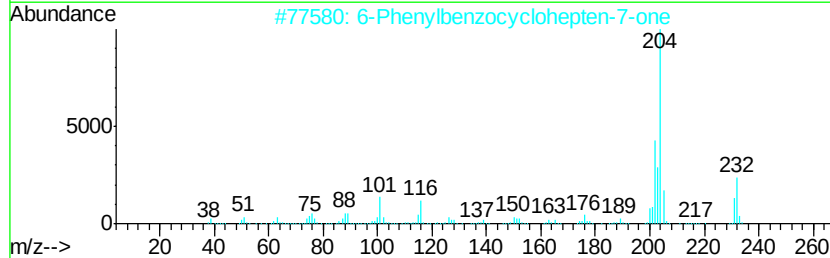
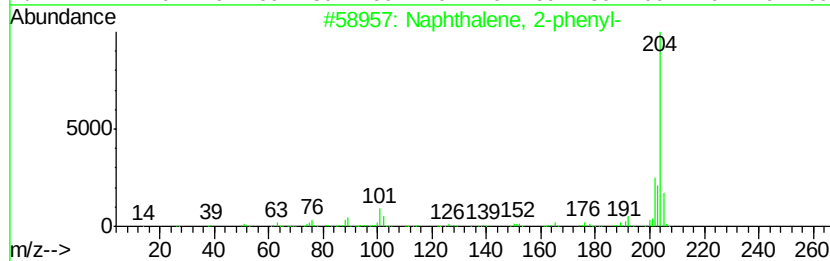
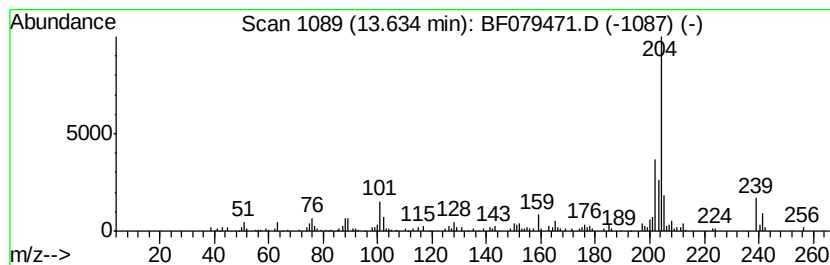
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	4.29 ng	182191	Phenanthrene-d10	12.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
3		5H-Dibenzofa,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	70
4		2-Phenylnaphthalene	204	C16H12	035465-71-5	70
5		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
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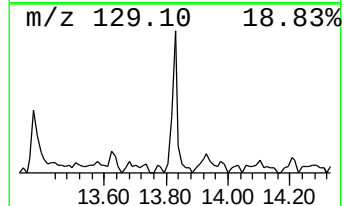
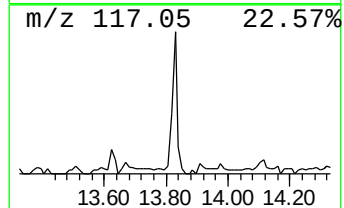
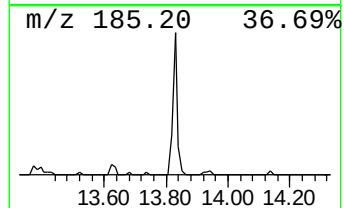
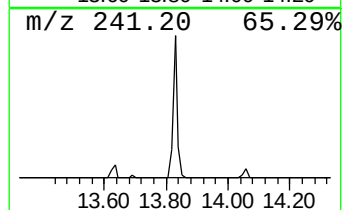
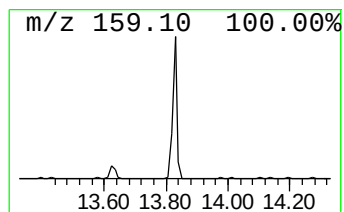
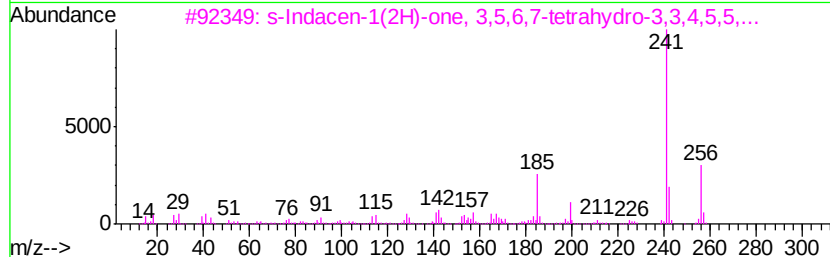
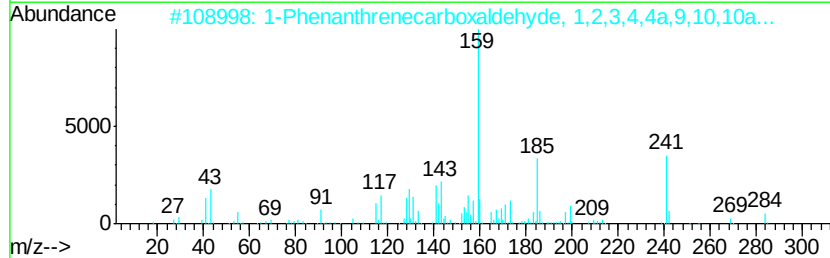
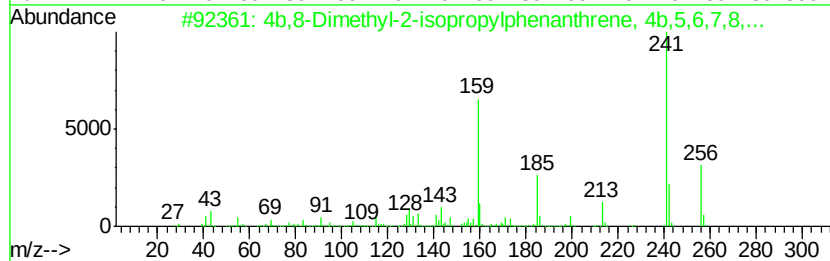
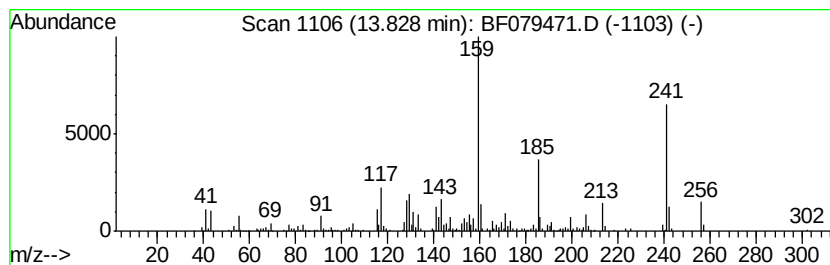
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4b,8-Dimethyl-2-isopropylph... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	8.72 ng	370043	Phenanthrene-d10	12.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2		1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	38
3		s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
4		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	38
5		Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079471.D
Acq On : 23 May 2015 12:13
Operator : TP/IZ
Sample : G2359-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

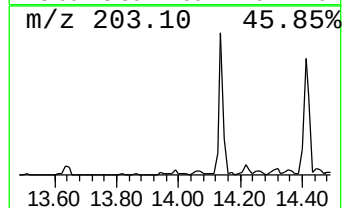
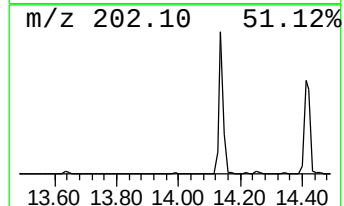
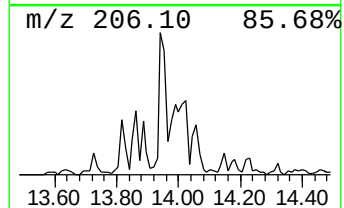
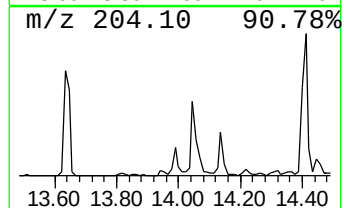
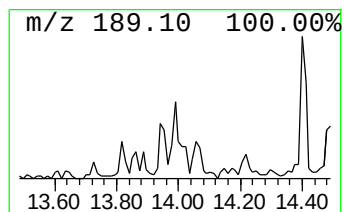
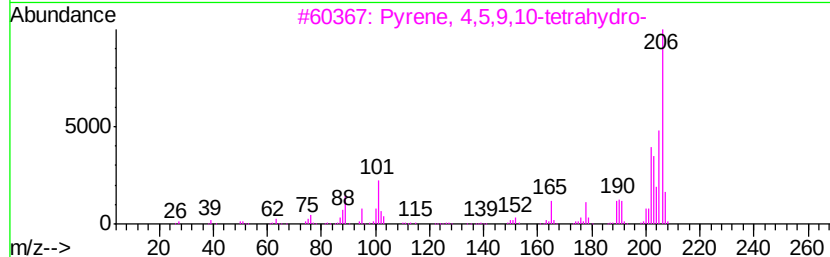
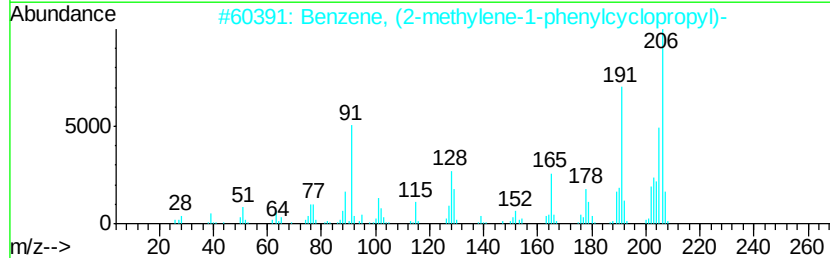
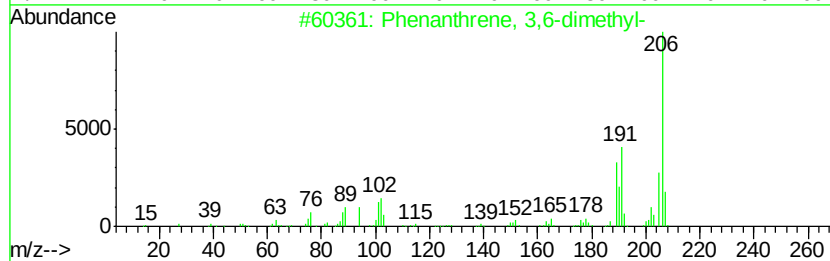
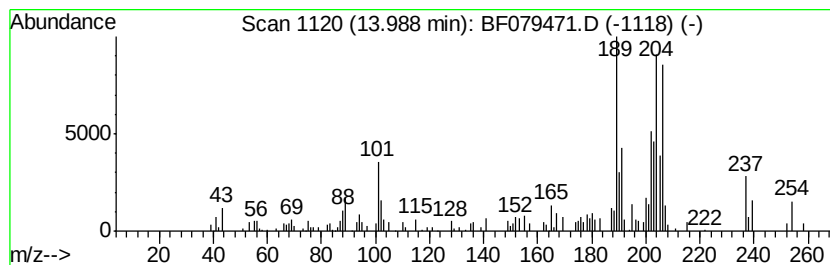
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown13.99 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.99	5.87 ng	249305	Phenanthrene-d10		12.64
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
2	Benzene, (2-methylene-1-phenylcv...	206	C16H14	025152-47-0	38
3	Pvrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	25
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079471.D
Acq On : 23 May 2015 12:13
Operator : TP/IZ
Sample : G2359-01
Misc :
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Instrument :
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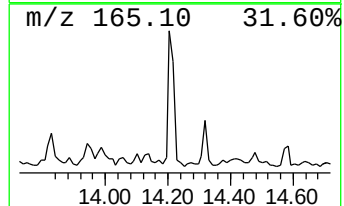
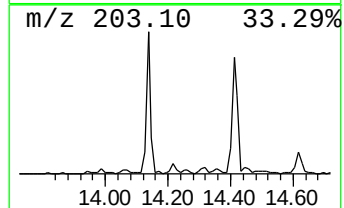
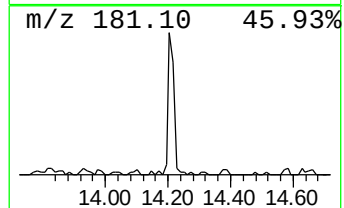
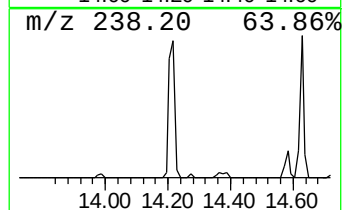
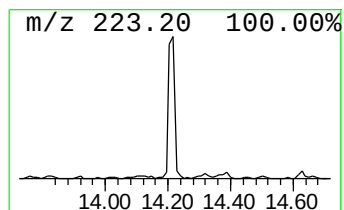
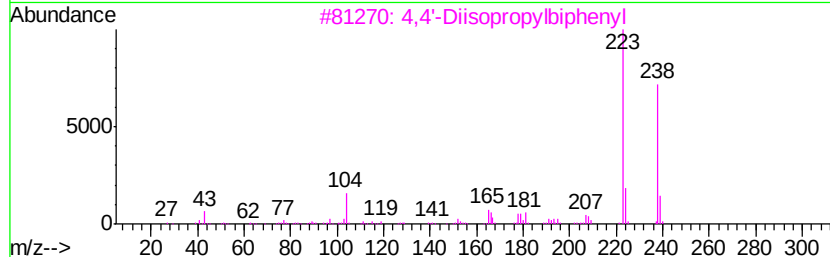
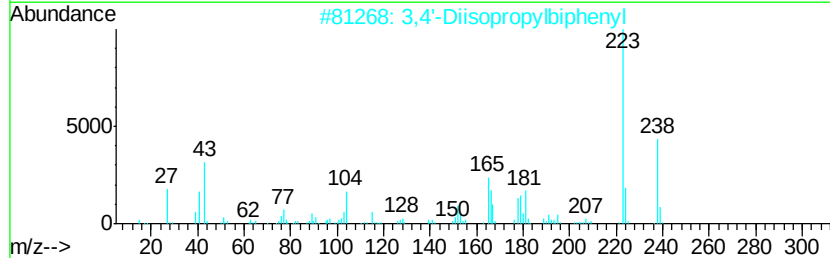
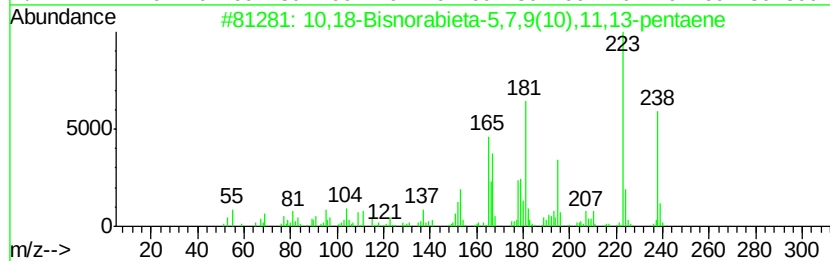
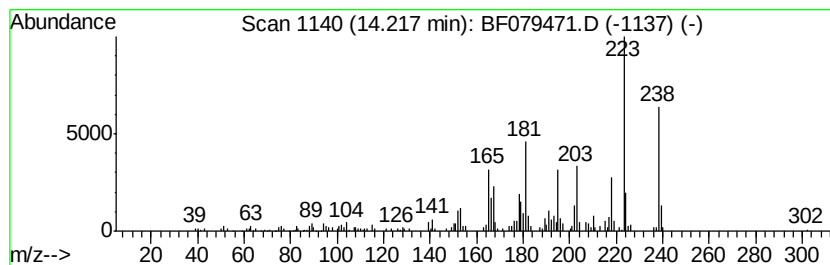
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	7.51 ng	318915	Phenanthrene-d10	12.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2			3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	83
3			4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
4			3,3'-Diacetylbiiphenyl	238	C16H14O2	094113-07-2	50
5			Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079471.D
Acq On : 23 May 2015 12:13
Operator : TP/IZ
Sample : G2359-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-28D

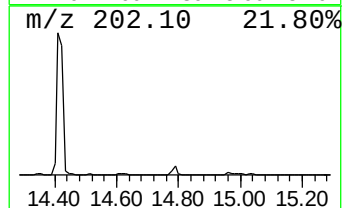
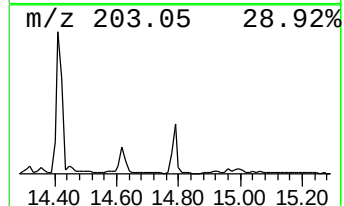
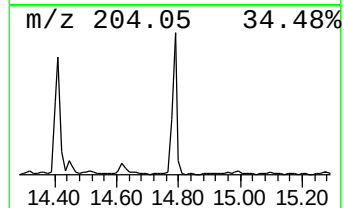
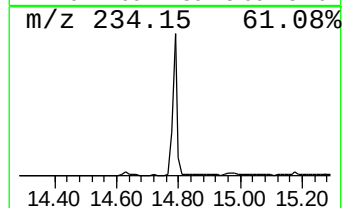
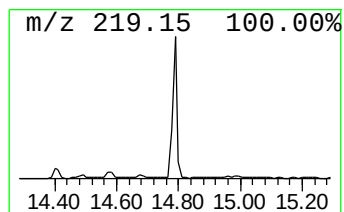
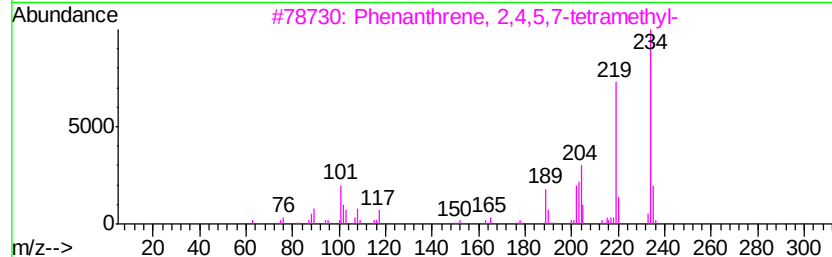
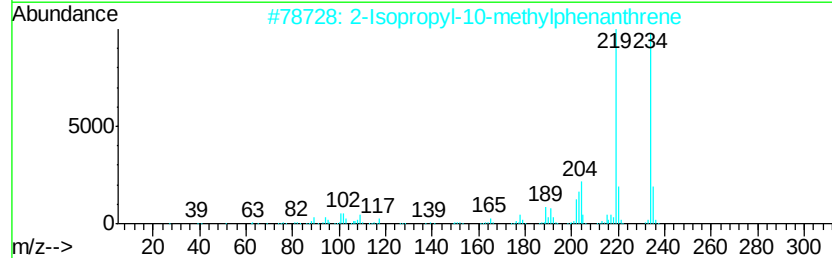
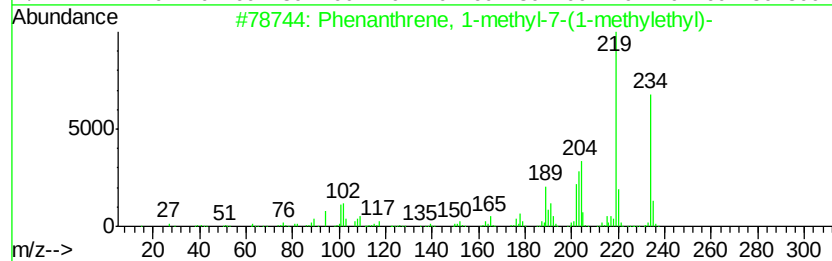
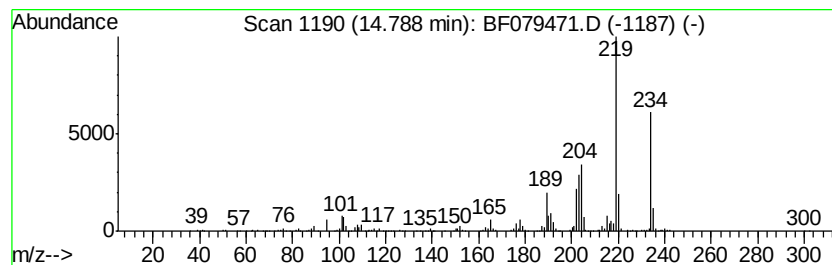
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 1-methyl-7-(1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	8.64 ng	793492	Chrysene-d12	15.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2			2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3			Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	90
4			Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	81
5			Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
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Sample : G2359-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

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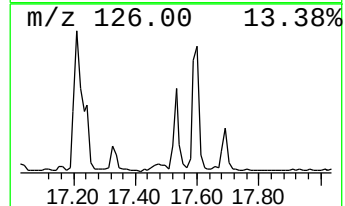
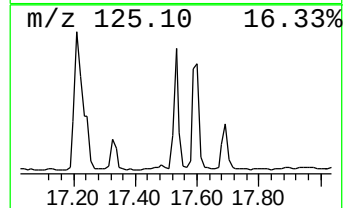
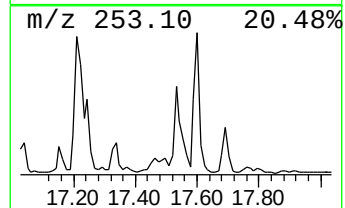
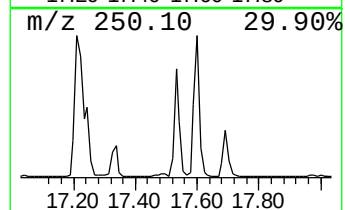
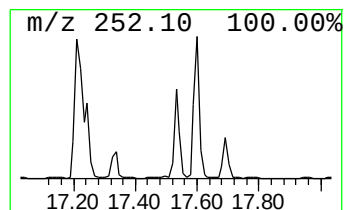
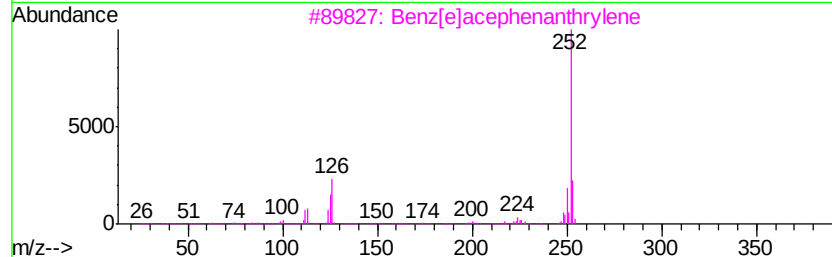
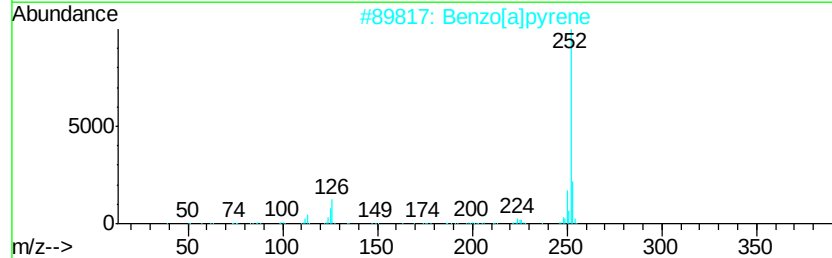
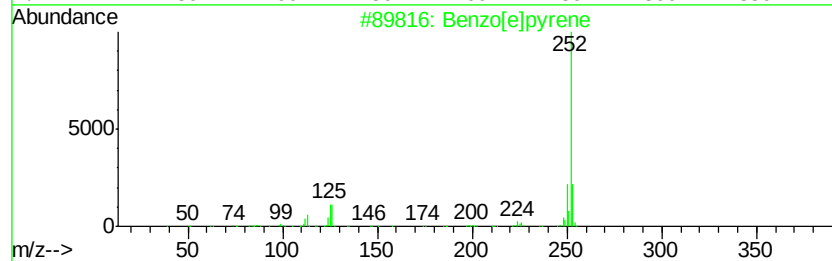
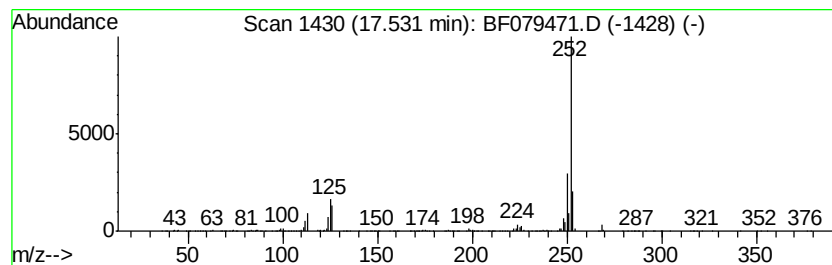
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	14.67 ng	551707	Perylene-d12	17.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Benzo[a]pyrene	252	C20H12	000050-32-8	91
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	91
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079471.D
 Acq On : 23 May 2015 12:13
 Operator : TP/IZ
 Sample : G2359-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Butane, 2-methoxy...	1.48	11.6	ng	266013	1	7.05	459366	20.0
2-Pentanone, 4-hy...	4.79	5.5	ng	125778	1	7.05	459366	20.0
unknown6.78	6.78	64.3	ng	1477710	1	7.05	459366	20.0
Phenanthrene, 2-m...	13.26	4.2	ng	178730	4	12.64	849047	20.0
Anthracene, 1-met...	13.29	5.8	ng	247515	4	12.64	849047	20.0
Phenanthrene, 1-m...	13.36	5.1	ng	215484	4	12.64	849047	20.0
Benzaldehyde, 3,5...	13.39	9.0	ng	383588	4	12.64	849047	20.0
1a,9b-Dihydro-1H-...	13.43	4.8	ng	204821	4	12.64	849047	20.0
Naphthalene, 2-ph...	13.63	4.3	ng	182191	4	12.64	849047	20.0
4b,8-Dimethyl-2-i...	13.83	8.7	ng	370043	4	12.64	849047	20.0
unknown13.99	13.99	5.9	ng	249305	4	12.64	849047	20.0
10,18-Bisnorabiet...	14.22	7.5	ng	318915	4	12.64	849047	20.0
Phenanthrene, 1-m...	14.79	8.6	ng	793492	5	15.92	1837680	20.0
Benzo[e]pyrene	17.53	14.7	ng	551707	6	17.66	751936	20.0