

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078522.D
 Acq On : 15 Apr 2015 2:13
 Operator : TP/IZ
 Sample : G1823-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

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	1.598	34	36	63	rVB	488174	1195767	100.00%	11.965%
2	5.062	336	339	347	rVB	49035	69086	5.78%	0.691%
3	6.410	456	457	465	rVB	58055	82817	6.93%	0.829%
4	6.525	465	467	470	rVB	71261	83391	6.97%	0.834%
5	6.799	489	491	494	rVB	119412	141999	11.88%	1.421%
6	6.993	506	508	510	rBV	48309	62397	5.22%	0.624%
7	7.507	551	553	556	rBV	48205	45101	3.77%	0.451%
8	8.388	627	630	632	rBV	168385	213454	17.85%	2.136%
9	9.736	746	748	750	rBV	82803	110519	9.24%	1.106%
10	10.365	801	803	808	rVB	30012	28648	2.40%	0.287%
11	10.536	816	818	821	rBV	237677	265442	22.20%	2.656%
12	11.519	902	904	906	rBV	55526	65665	5.49%	0.657%
13	12.365	976	978	979	rVV	323807	302101	25.26%	3.023%
14	12.388	979	980	983	rVV	131108	130667	10.93%	1.307%
15	12.457	983	986	988	rVV	81992	78664	6.58%	0.787%
16	12.674	1003	1005	1007	rBV	13115	12784	1.07%	0.128%
17	12.857	1016	1021	1026	rVB	6257	13276	1.11%	0.133%
18	12.994	1031	1033	1034	rBV	17683	18442	1.54%	0.185%
19	13.028	1034	1036	1039	rVB	21434	26855	2.25%	0.269%
20	13.085	1039	1041	1042	rBV	14918	15909	1.33%	0.159%
21	13.119	1042	1044	1045	rBV	45188	48333	4.04%	0.484%
22	13.154	1045	1047	1049	rVB	16077	20769	1.74%	0.208%
23	13.279	1052	1058	1061	rBV2	4703	12627	1.06%	0.126%
24	13.371	1064	1066	1070	rVB2	17176	35679	2.98%	0.357%
25	13.668	1090	1092	1094	rBV	16734	27387	2.29%	0.274%
26	13.760	1099	1100	1106	rVB2	13326	26399	2.21%	0.264%
27	13.862	1106	1109	1111	rBV	387543	523940	43.82%	5.243%
28	13.942	1114	1116	1117	rBV	12028	13227	1.11%	0.132%
29	13.977	1117	1119	1122	rVB	12076	13726	1.15%	0.137%
30	14.034	1122	1124	1126	rBV	25992	28856	2.41%	0.289%
31	14.125	1130	1132	1135	rBV	472891	603357	50.46%	6.037%
32	14.205	1137	1139	1140	rVB2	13841	16710	1.40%	0.167%
33	14.240	1140	1142	1144	rVB	16944	22248	1.86%	0.223%
34	14.297	1144	1147	1148	rBV	31184	39795	3.33%	0.398%

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Integrator: RTE

Smoothing : ON

Sampling : 1

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Stop Thrs : 0

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Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.354	1148	1152	1154	rVB2	173612	197984	16.56%	1.981%
36	14.422	1154	1158	1160	rBV2	24741	47096	3.94%	0.471%
37	14.525	1164	1167	1168	rBV2	27754	50604	4.23%	0.506%
38	14.548	1168	1169	1171	rVB	73702	72536	6.07%	0.726%
39	14.628	1174	1176	1178	rBV	46483	65030	5.44%	0.651%
40	14.674	1178	1180	1185	rVV3	57573	93287	7.80%	0.933%
41	14.788	1188	1190	1191	rVB2	24943	30647	2.56%	0.307%
42	14.823	1191	1193	1197	rBV	23332	37808	3.16%	0.378%
43	15.051	1209	1213	1215	rBV4	13165	37650	3.15%	0.377%
44	15.085	1215	1216	1219	rVB	14914	15320	1.28%	0.153%
45	15.177	1219	1224	1228	rBV2	49227	91573	7.66%	0.916%
46	15.257	1228	1231	1232	rBV2	7046	13101	1.10%	0.131%
47	15.303	1233	1235	1237	rVV	50093	74400	6.22%	0.744%
48	15.348	1237	1239	1242	rVV2	46073	93550	7.82%	0.936%
49	15.394	1242	1243	1245	rVV2	30193	35659	2.98%	0.357%
50	15.440	1245	1247	1250	rVB	45714	57541	4.81%	0.576%
51	15.520	1251	1254	1255	rBV2	18757	35193	2.94%	0.352%
52	15.623	1258	1263	1264	rBV2	471486	860961	72.00%	8.615%
53	15.657	1264	1266	1268	rVV	247293	332705	27.82%	3.329%
54	15.691	1268	1269	1271	rVB2	22485	24181	2.02%	0.242%
55	15.748	1271	1274	1275	rBV	51009	73138	6.12%	0.732%
56	15.794	1275	1278	1280	rBV4	27942	50160	4.19%	0.502%
57	15.874	1283	1285	1287	rVB	55285	58202	4.87%	0.582%
58	15.920	1287	1289	1290	rBV	34906	38603	3.23%	0.386%
59	16.023	1296	1298	1300	rBV2	10873	24686	2.06%	0.247%
60	16.068	1300	1302	1303	rVV	16090	26165	2.19%	0.262%
61	16.103	1303	1305	1307	rVV	46985	87879	7.35%	0.879%
62	16.148	1307	1309	1312	rVV2	33430	55704	4.66%	0.557%
63	16.217	1313	1315	1317	rVV2	26139	47817	4.00%	0.478%
64	16.274	1317	1320	1322	rVV4	37274	84712	7.08%	0.848%
65	16.320	1322	1324	1326	rVV3	18809	32527	2.72%	0.325%
66	16.366	1326	1328	1331	rVB	21642	28378	2.37%	0.284%
67	16.423	1331	1333	1335	rBV3	14063	24985	2.09%	0.250%
68	16.491	1336	1339	1341	rBV3	25871	49861	4.17%	0.499%
69	16.697	1353	1357	1359	rBV3	23515	62800	5.25%	0.628%
70	16.857	1369	1371	1377	rBV	301289	700623	58.59%	7.010%
71	16.971	1379	1381	1383	rVB	78800	89007	7.44%	0.891%

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72	17.017	1383	1385	1386	rBV2	14710	19229	1.61%	0.192%
73	17.086	1388	1391	1392	rBV2	21209	43248	3.62%	0.433%
74	17.154	1395	1397	1400	rVV	160348	240984	20.15%	2.411%
75	17.223	1400	1403	1405	rVB	209761	289688	24.23%	2.899%
76	17.280	1405	1408	1412	rBV2	325616	489200	40.91%	4.895%
77	17.451	1420	1423	1425	rBV2	28029	70714	5.91%	0.708%
78	18.354	1499	1502	1508	rVB3	33088	80271	6.71%	0.803%
79	18.491	1511	1514	1518	rVB2	119880	243695	20.38%	2.438%
80	18.560	1518	1520	1523	rVB2	18983	36725	3.07%	0.367%
81	18.640	1524	1527	1528	rBV	25664	43239	3.62%	0.433%
82	18.686	1528	1531	1533	rBV2	18769	35153	2.94%	0.352%
83	18.823	1540	1543	1550	rVB	93599	203776	17.04%	2.039%

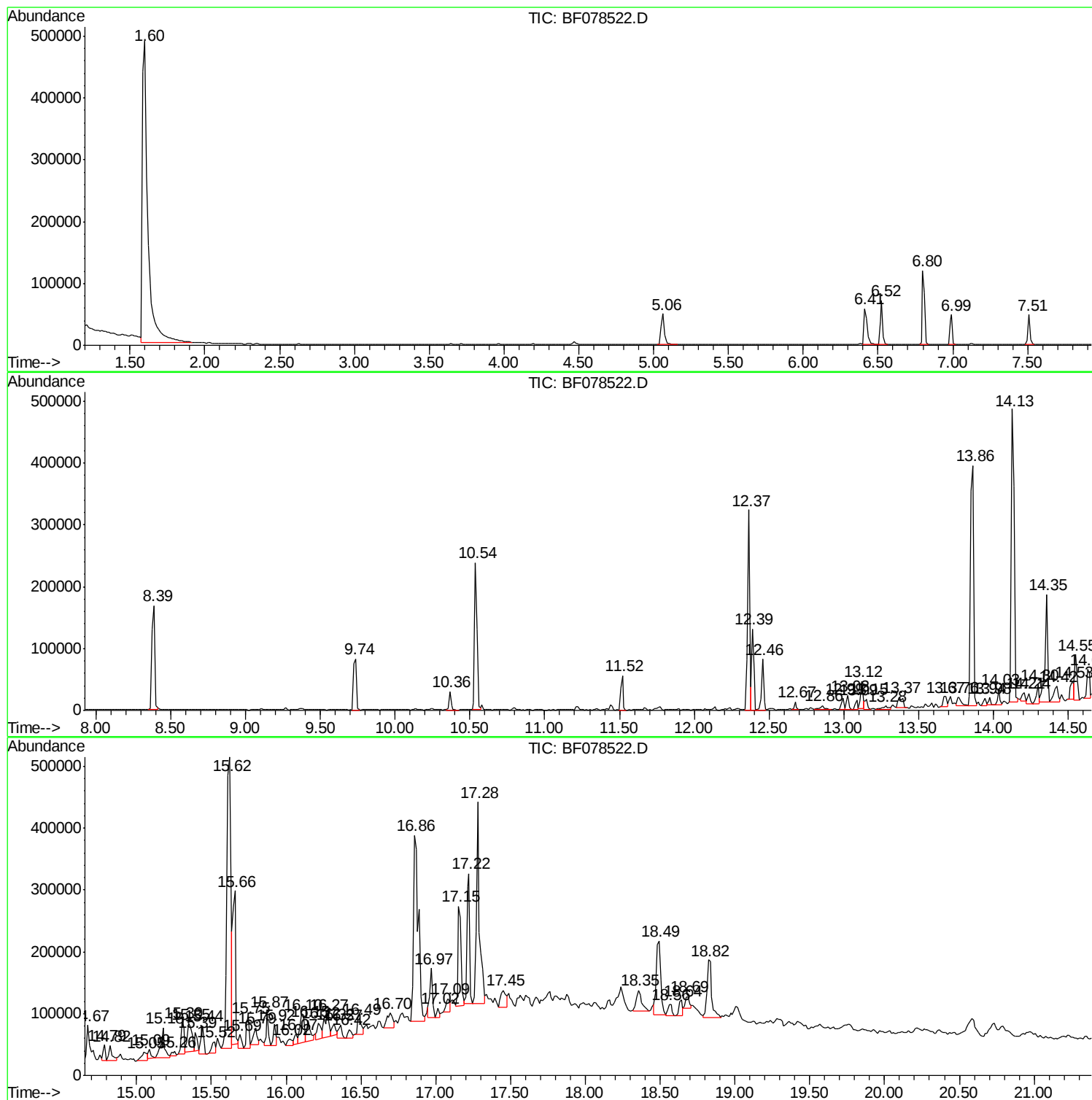
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Instrument :
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SP-1

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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Data File : BF078522.D
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Operator : TP/IZ
Sample : G1823-01 5X
Misc :
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Instrument :
BNA_F
ClientSampleId :
SP-1

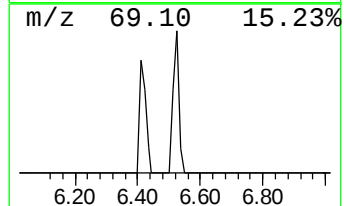
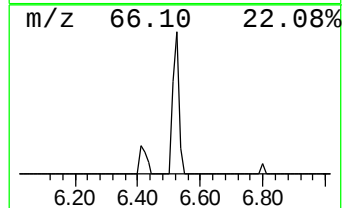
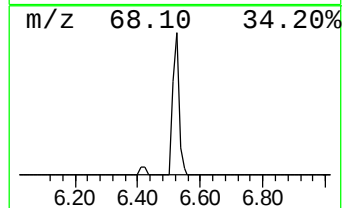
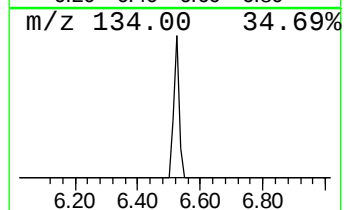
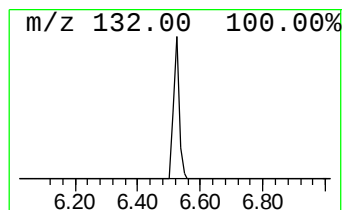
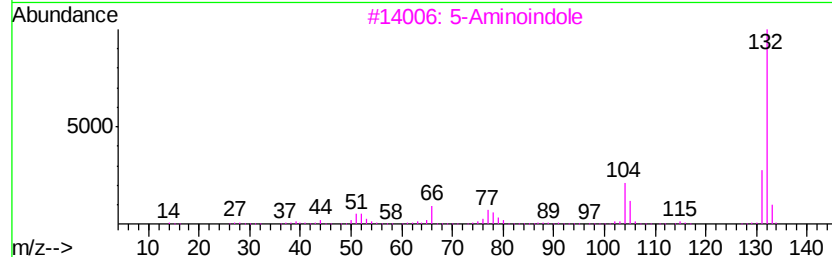
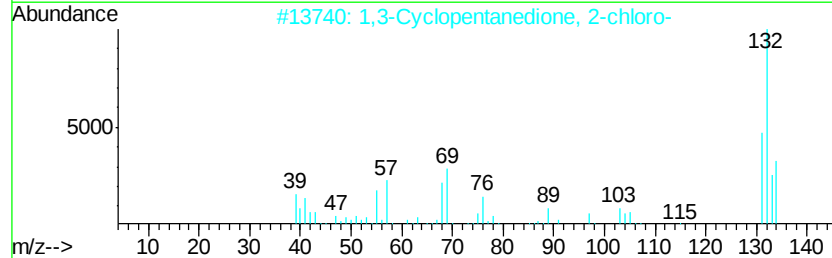
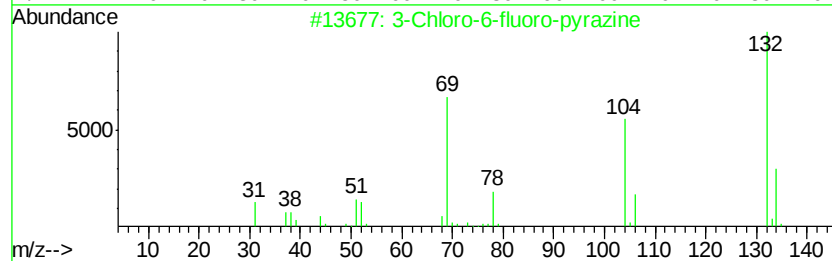
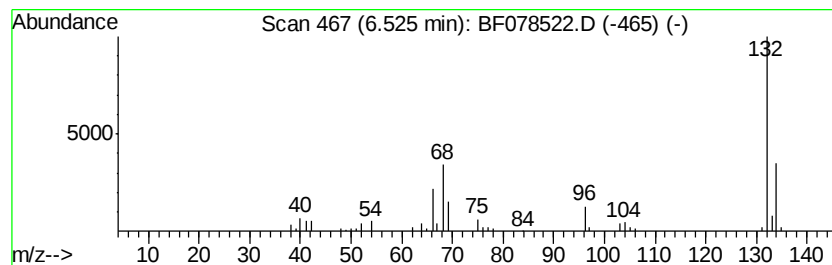
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	11.75 ng	83391	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	35
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12



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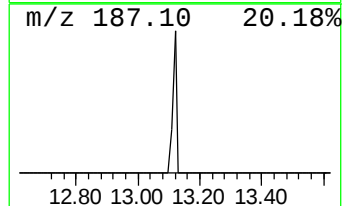
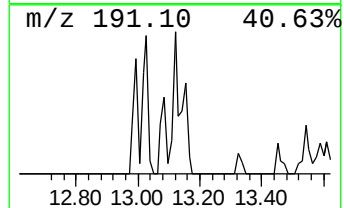
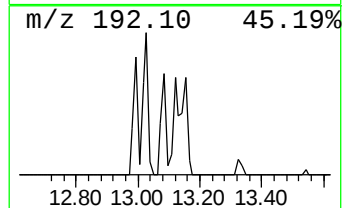
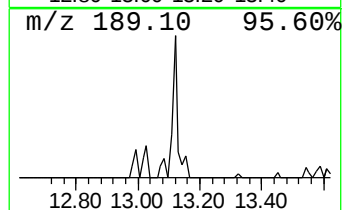
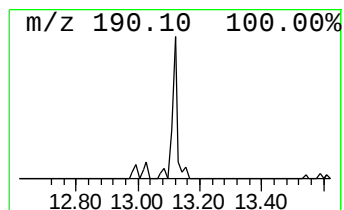
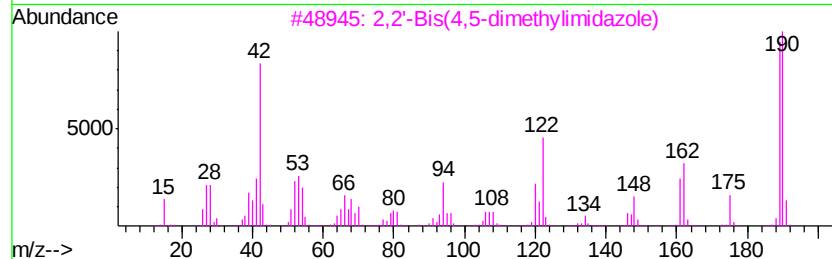
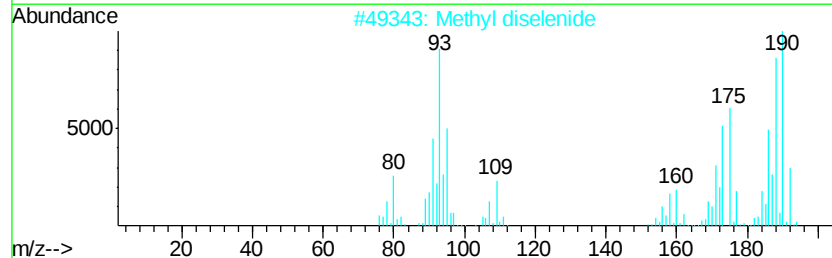
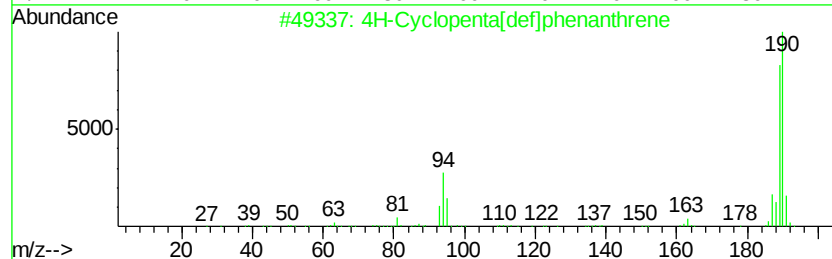
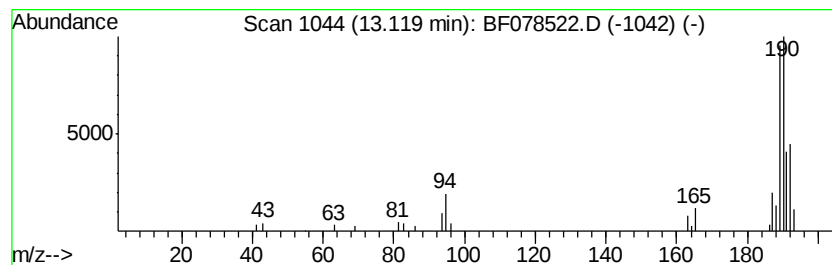
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.20 ng	48333	Phenanthrene-d10	12.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		Methyl diselenide	190	C2H6Se2	007101-31-7	41
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	25



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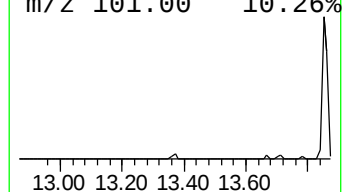
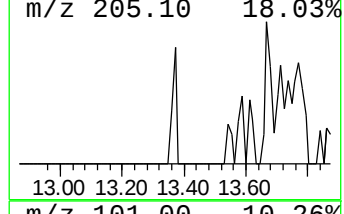
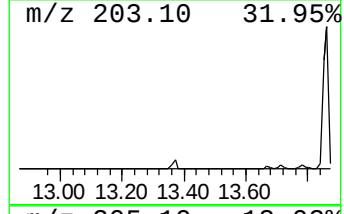
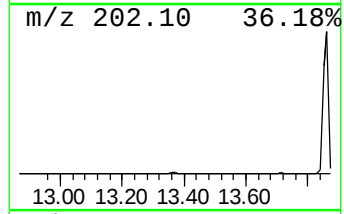
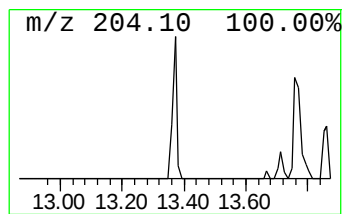
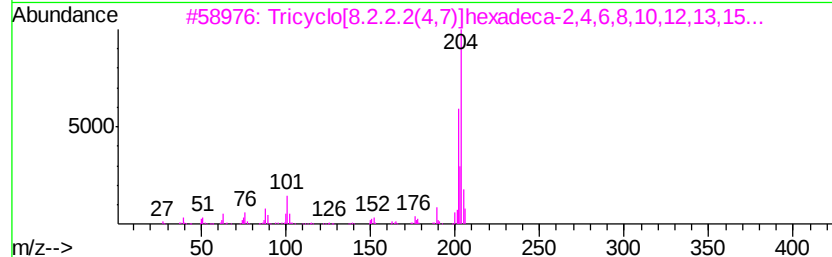
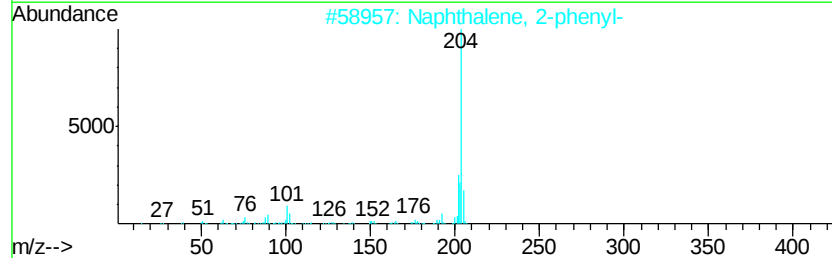
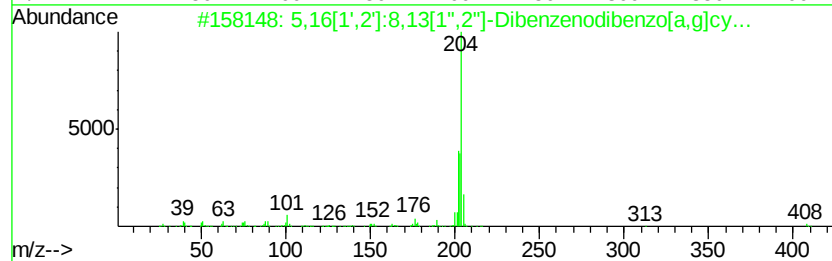
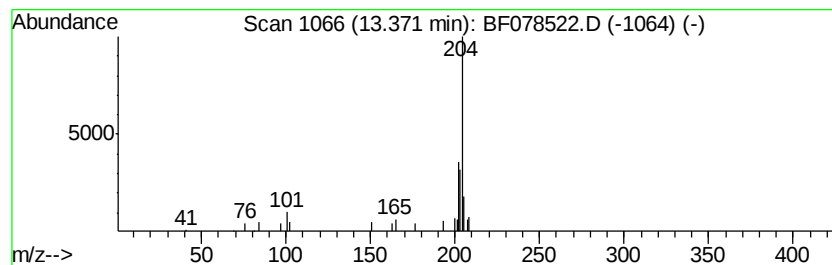
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.36 ng	35679	Phenanthrene-d10	12.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16	[1',2']	:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	Naphthalene,	2-phenyl-		204	C16H12	000612-94-2	68
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...			204	C16H12	006572-60-7	64
4	2-Phenylnaphthalene			204	C16H12	035465-71-5	59
5	9,10-Bis(bromomethyl)anthracene			362	C16H12Br2	034373-96-1	50



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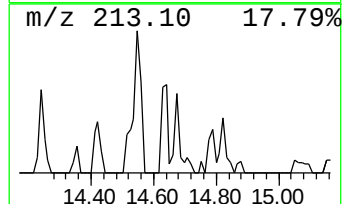
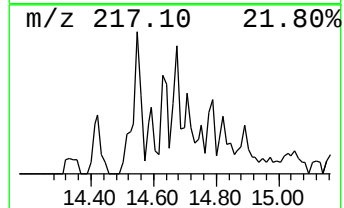
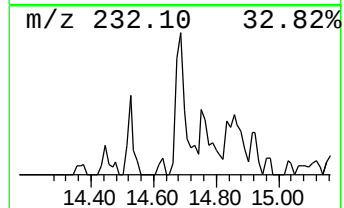
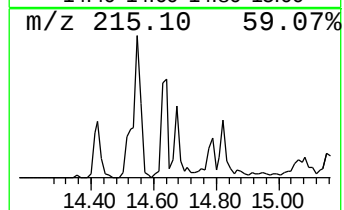
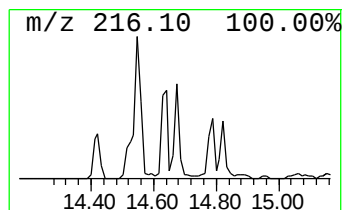
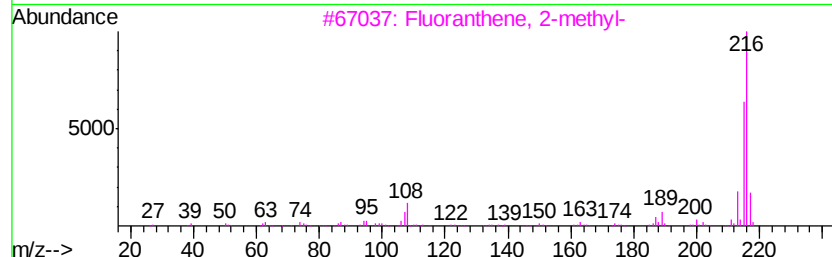
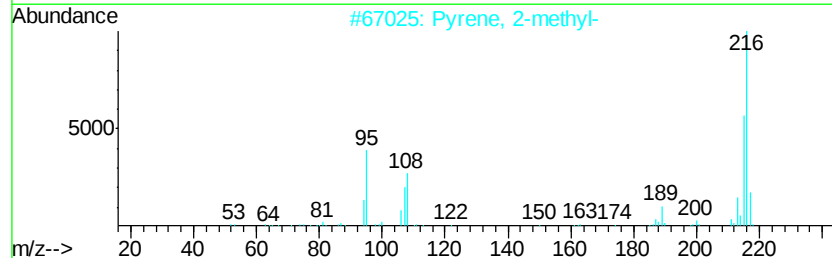
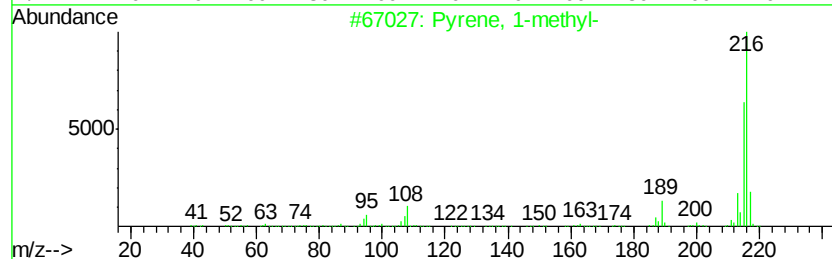
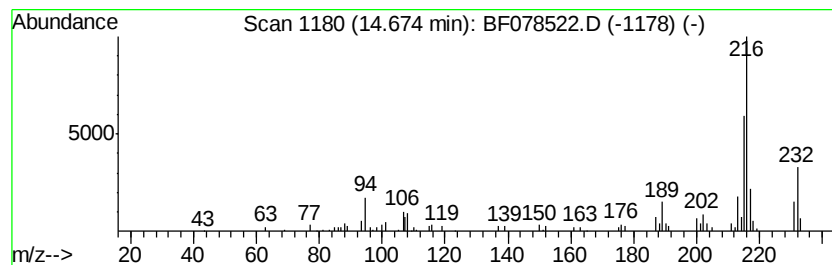
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.17 ng	93287	Chrysene-d12	15.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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Operator : TP/IZ
Sample : G1823-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

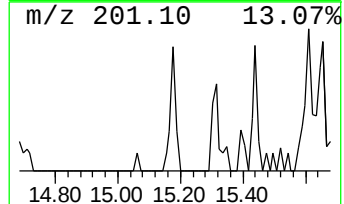
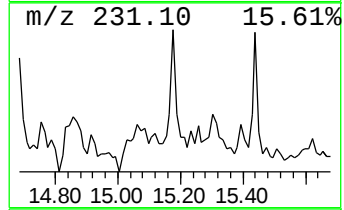
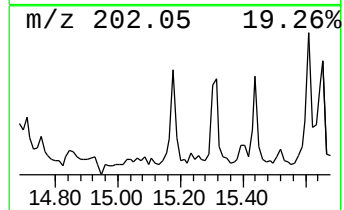
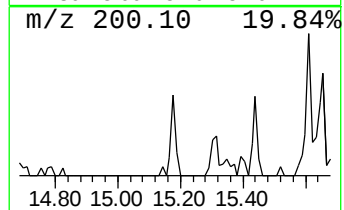
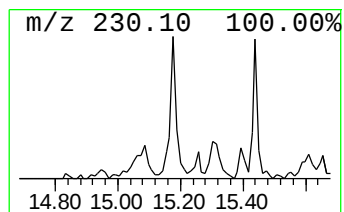
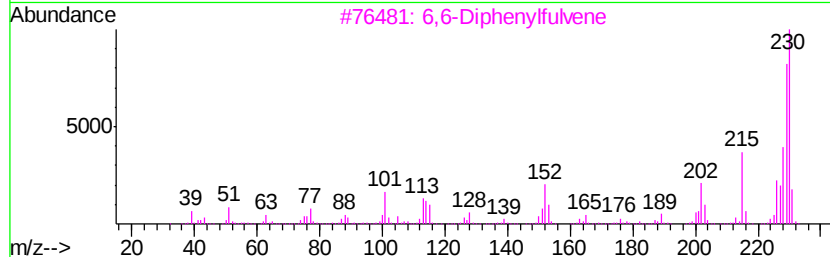
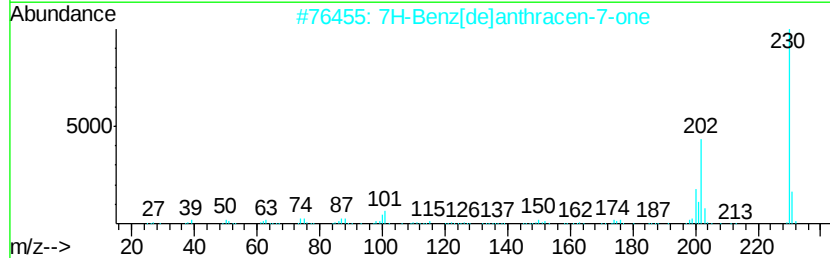
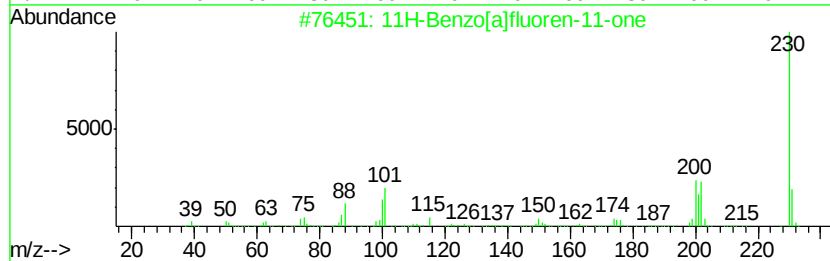
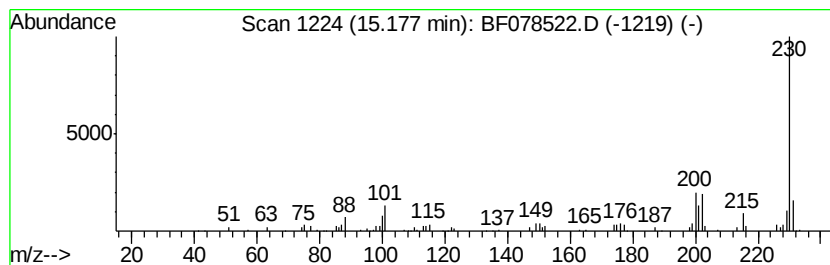
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.18	2.13 ng	91573	Chrysene-d12		15.62		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3			6,6-Diphenylfulvene	230	C18H14	002175-90-8	59
4			(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	58
5			2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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Sample : G1823-01 5X
Misc :
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Instrument :
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ClientSampleId :
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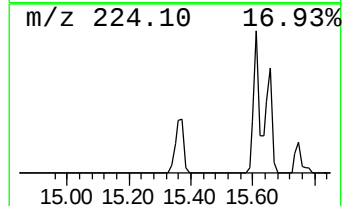
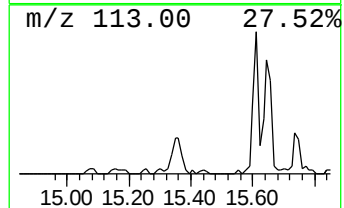
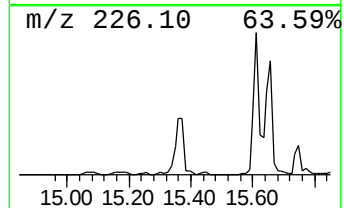
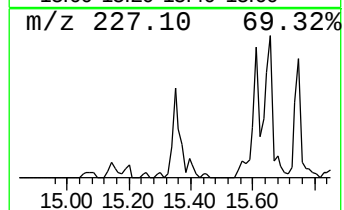
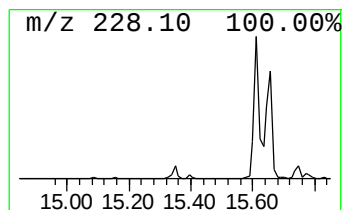
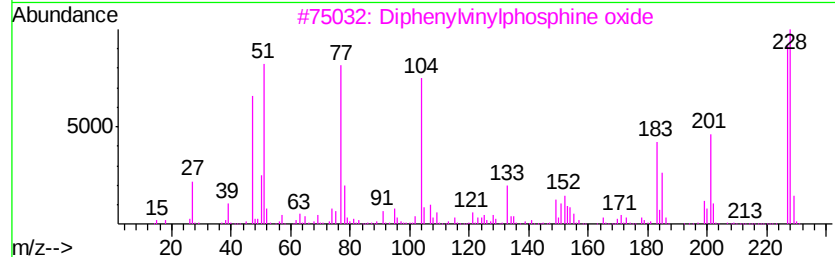
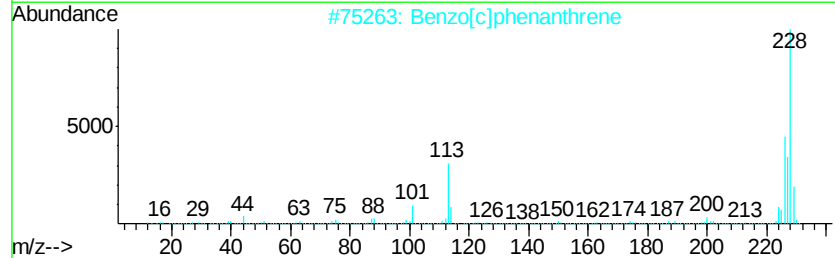
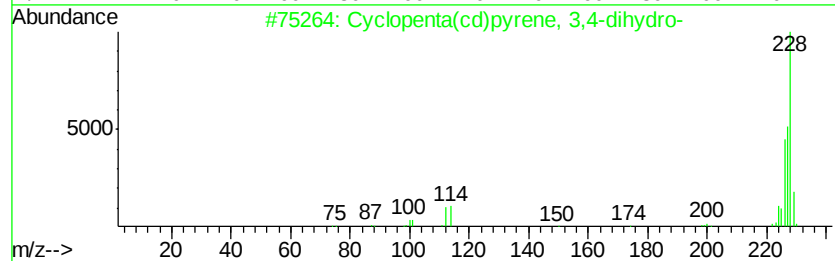
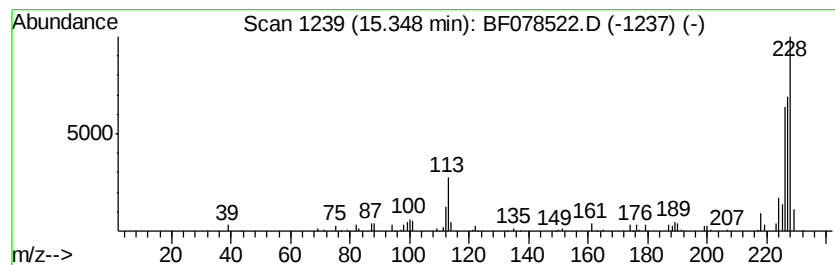
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	2.17 ng	93550	Chrysene-d12	15.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	53
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
3		Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	38
4		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	37
5		Triphenylene	228	C18H12	000217-59-4	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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Sample : G1823-01 5X
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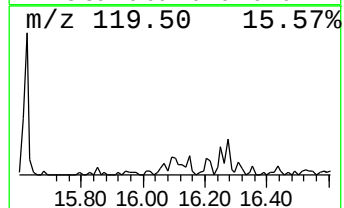
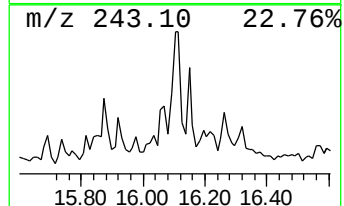
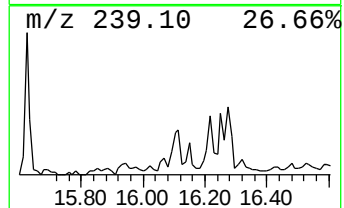
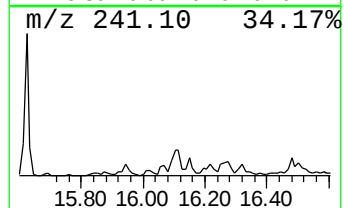
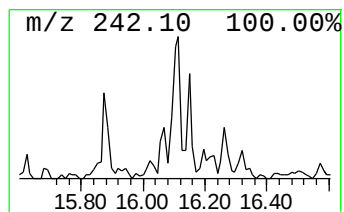
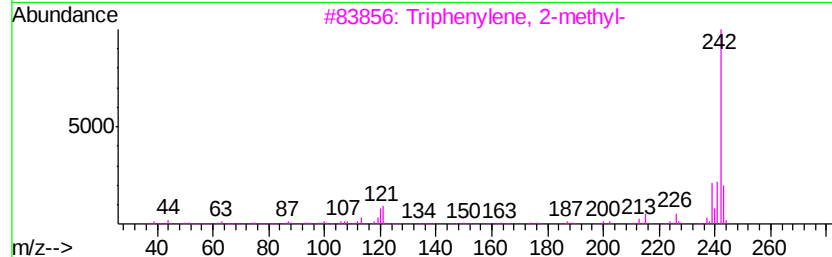
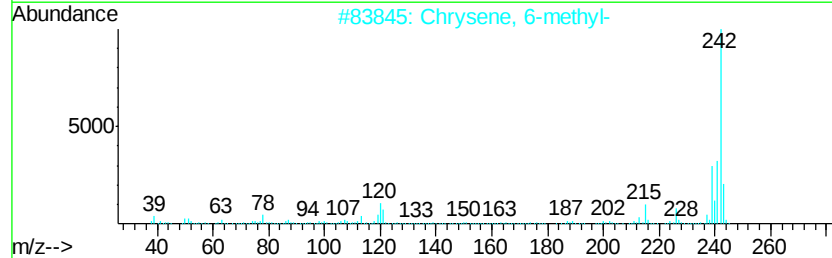
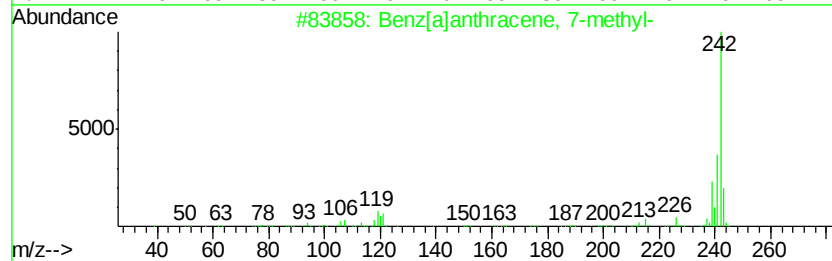
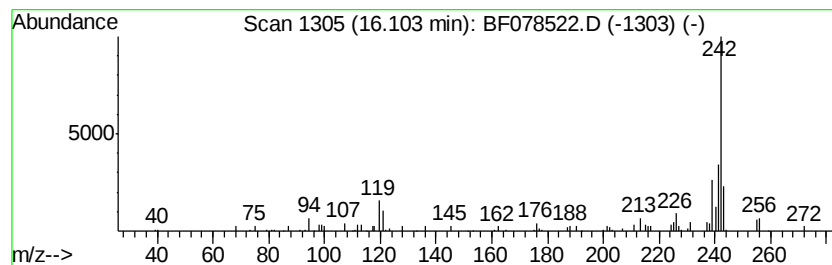
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benz[a]anthracene, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.04 ng	87879	Chrysene-d12	15.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benz[a]anthracene, 7-methyl-	242 C19H14	002541-69-7 93
2		Chrysene, 6-methyl-	242 C19H14	003697-24-3 91
3		Triphenylene, 2-methyl-	242 C19H14	001705-84-6 87
4		Chrysene, 1-methyl-	242 C19H14	003351-28-8 87
5		Chrysene, 6-methyl-	242 C19H14	001705-85-7 76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078522.D
Acq On : 15 Apr 2015 2:13
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Sample : G1823-01 5X
Misc :
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Instrument :
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ClientSampleId :
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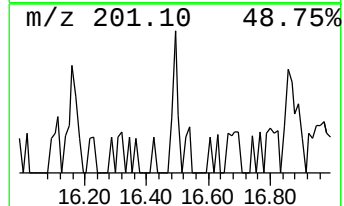
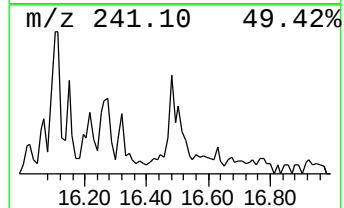
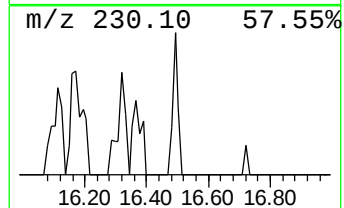
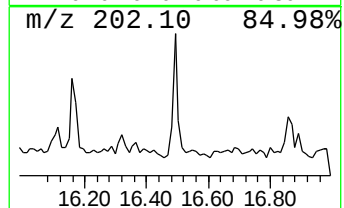
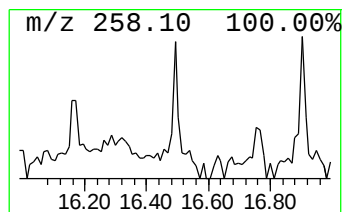
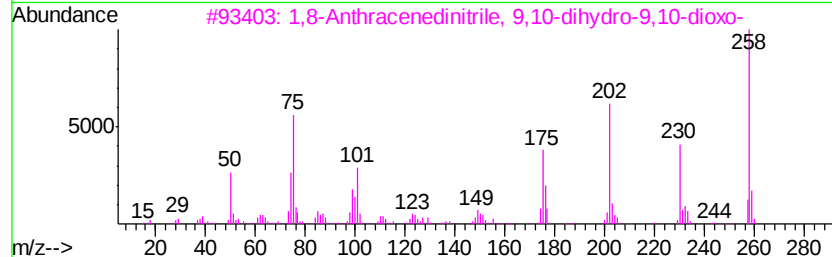
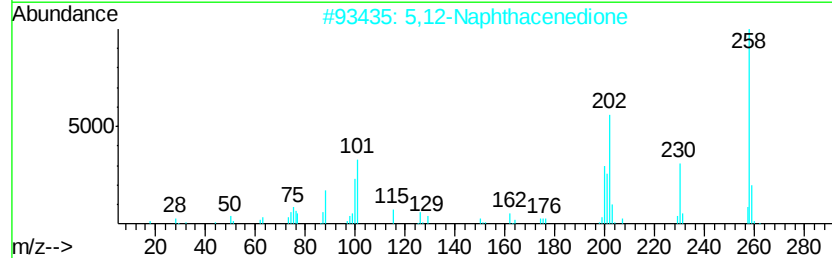
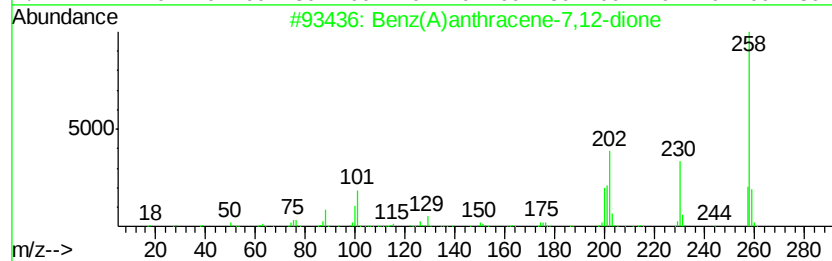
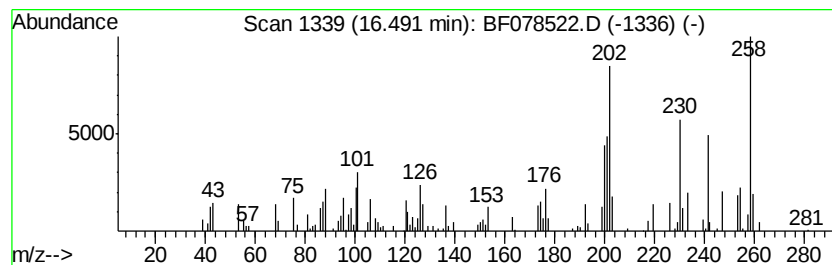
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benz(A)anthracene-7,12-dione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.04 ng	49861	Perylene-d12	17.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	89
2			5,12-Naphthacenedione	258	C18H10O2	001090-13-7	86
3			1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	49
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46
5			1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078522.D
Acq On : 15 Apr 2015 2:13
Operator : TP/IZ
Sample : G1823-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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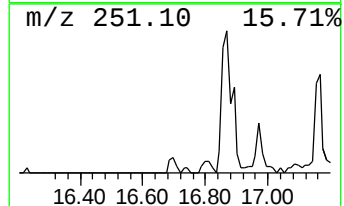
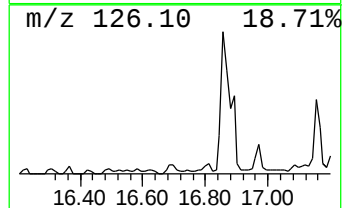
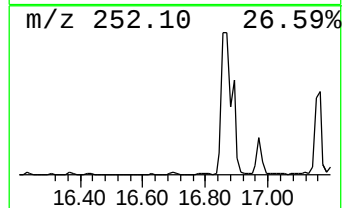
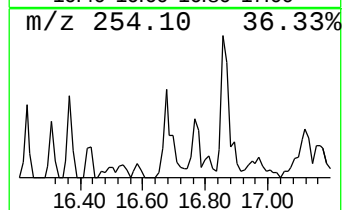
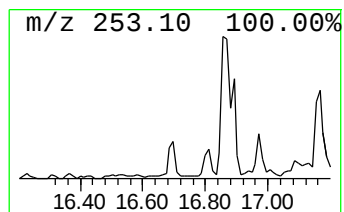
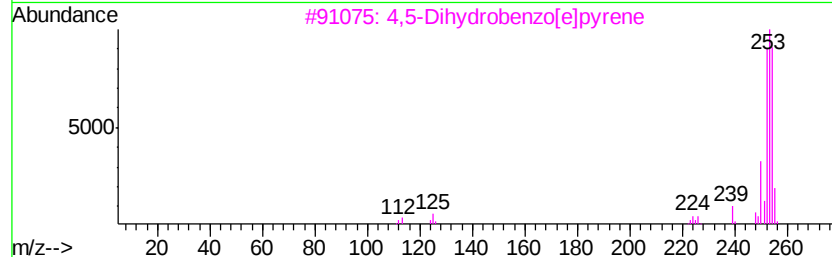
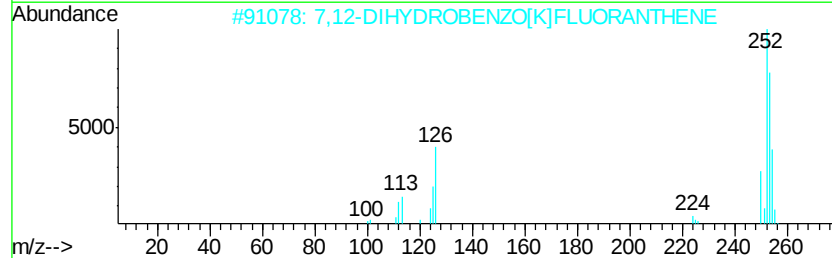
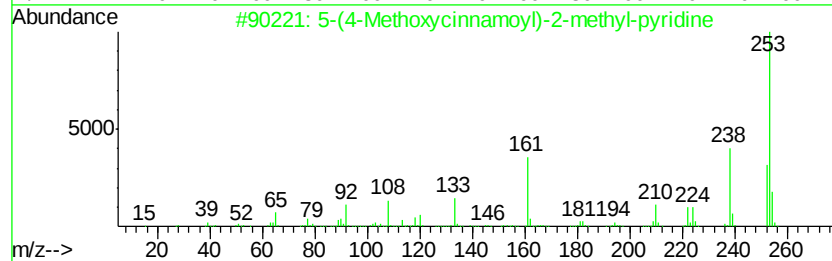
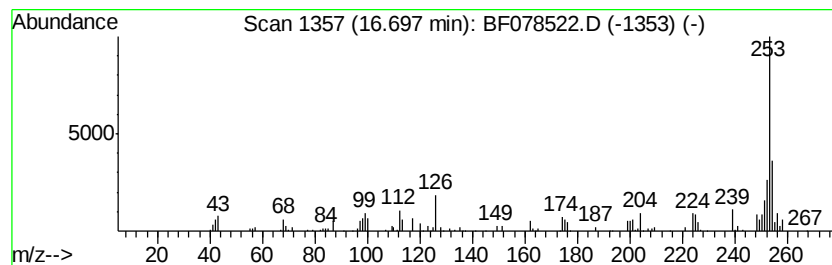
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.70 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.57 ng	62800	Perylene-d12	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-(4-Methoxycinnamoyl)-2-methyl-...	253	C16H15NO2	094298-96-1	42
2		7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	40
3		4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	38
4		1,1'-Binaphthalene	254	C20H14	000604-53-5	32
5		Triamterene	253	C12H11N7	000396-01-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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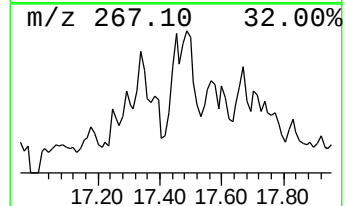
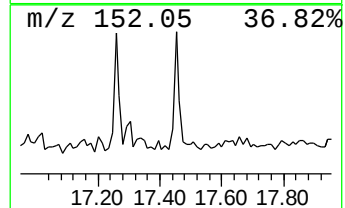
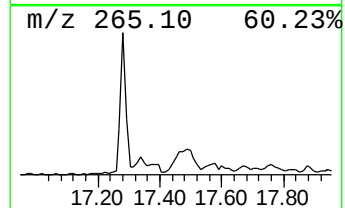
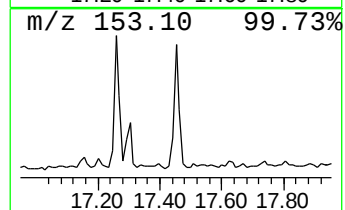
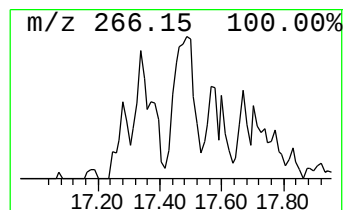
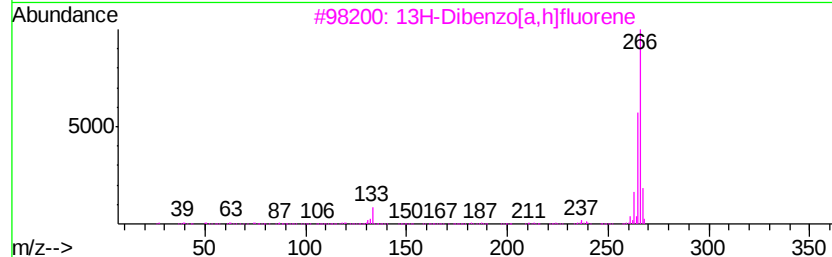
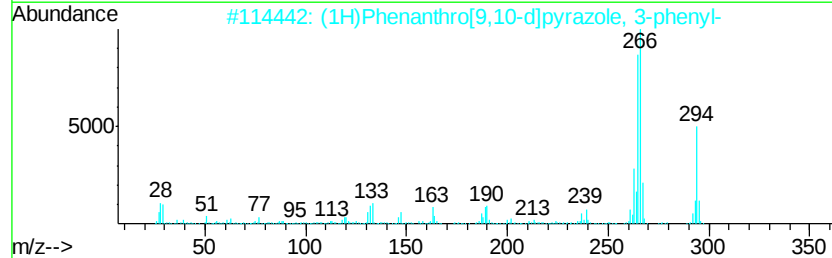
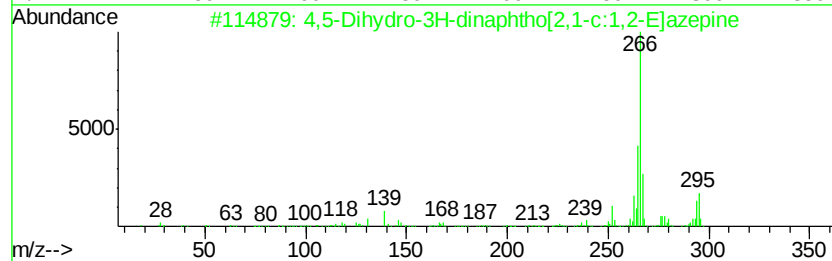
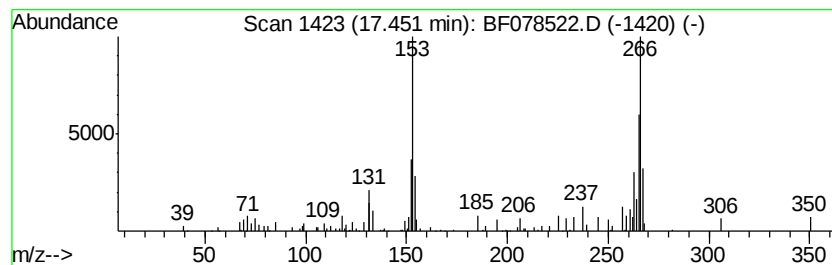
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown17.45 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	2.89 ng	70714	Perylene-d12	17.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,5-Dihydro-3H-dinaphtho[2,1-c:1...	295	C22H17N	1000297-99-2	37
2			(1H)Phenanthro[9,10-d]pyrazole, ...	294	C21H14N2	037944-54-0	37
3			13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	35
4			11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	35
5			Furazano[3,4-g]benzimidazole, 7-...	266	C14H10N4S	129485-61-6	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078522.D
Acq On : 15 Apr 2015 2:13
Operator : TP/IZ
Sample : G1823-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

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
unknown6.52	6.52	11.8	ng	83391	1	6.80	141999	20.0
4H-Cyclopenta[def...	13.12	3.2	ng	48333	4	12.37	302101	20.0
5,16[1',2']:8,13[...	13.37	2.4	ng	35679	4	12.37	302101	20.0
Pyrene, 1-methyl-	14.67	2.2	ng	93287	5	15.62	860961	20.0
11H-Benzo[a]fluor...	15.18	2.1	ng	91573	5	15.62	860961	20.0
Cyclopenta(cd)pyr...	15.35	2.2	ng	93550	5	15.62	860961	20.0
Benz[a]anthracene...	16.10	2.0	ng	87879	5	15.62	860961	20.0
Benz(A)anthracene...	16.49	2.0	ng	49861	6	17.28	489200	20.0
unknown16.70	16.70	2.6	ng	62800	6	17.28	489200	20.0
unknown17.45	17.45	2.9	ng	70714	6	17.28	489200	20.0