

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075565.D
 Acq On : 16 Nov 2014 2:36
 Operator : TP / JJ
 Sample : F4713-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4-5)

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-BF111214.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	1.613	43	46	49	rBV	3608097	4034397	98.00%	7.015%
2	1.761	56	59	62	rBV	101831	154252	3.75%	0.268%
3	1.956	73	76	83	rBV2	120209	207181	5.03%	0.360%
4	5.350	371	373	376	rBV	334759	388700	9.44%	0.676%
5	5.853	414	417	420	rBV	1076578	1135470	27.58%	1.974%
6	7.110	525	527	530	rBV	1288449	1180710	28.68%	2.053%
7	7.270	538	541	543	rVB	1196960	1199032	29.13%	2.085%
8	7.556	564	566	568	rBV	390978	355613	8.64%	0.618%
9	7.739	580	582	585	rBV	847920	849005	20.62%	1.476%
10	8.242	624	626	629	rBV	706036	702107	17.05%	1.221%
11	8.825	662	677	688	rBV	155375	778162	18.90%	1.353%
12	9.133	702	704	708	rVB	598714	581292	14.12%	1.011%
13	10.482	819	822	824	rBV	1309021	1220967	29.66%	2.123%
14	10.894	856	858	860	rVV	79871	95015	2.31%	0.165%
15	10.985	864	866	868	rVV	140944	156991	3.81%	0.273%
16	11.042	868	871	875	rVV	41609	73165	1.78%	0.127%
17	11.145	878	880	884	rVB	100340	110146	2.68%	0.192%
18	11.316	892	895	897	rBV	638089	597215	14.51%	1.038%
19	11.351	897	898	901	rVB	275230	367441	8.93%	0.639%
20	11.499	909	911	915	rVV3	34114	76773	1.86%	0.133%
21	11.568	915	917	920	rVV	133802	168747	4.10%	0.293%
22	11.831	937	940	943	rBV	81960	116893	2.84%	0.203%
23	12.002	953	955	957	rBV	366024	391602	9.51%	0.681%
24	12.082	959	962	963	rBV	67221	100330	2.44%	0.174%
25	12.105	963	964	966	rVV	85290	84327	2.05%	0.147%
26	12.162	966	969	971	rVV3	40690	76556	1.86%	0.133%
27	12.219	971	974	976	rVB2	119661	236186	5.74%	0.411%
28	12.299	978	981	983	rVV	995358	1003220	24.37%	1.744%
29	12.345	983	985	990	rVB2	83924	122009	2.96%	0.212%
30	12.459	992	995	997	rVV2	85090	139401	3.39%	0.242%
31	12.688	1011	1015	1016	rBV2	96518	175635	4.27%	0.305%
32	12.722	1016	1018	1020	rVV	98077	124660	3.03%	0.217%
33	12.791	1020	1024	1025	rVV2	62123	112206	2.73%	0.195%
34	12.825	1025	1027	1030	rVV2	56525	111059	2.70%	0.193%

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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-BF111214.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.928	1034	1036	1039	rVB	101242	124594	3.03%	0.217%
36	12.985	1039	1041	1043	rBV2	64729	100761	2.45%	0.175%
37	13.042	1043	1046	1047	rVB	130256	214908	5.22%	0.374%
38	13.168	1054	1057	1058	rBV	585200	621277	15.09%	1.080%
39	13.202	1058	1060	1062	rVV	2865857	2862148	69.52%	4.977%
40	13.259	1062	1065	1067	rVV	902306	937426	22.77%	1.630%
41	13.305	1067	1069	1071	rVB2	71640	84165	2.04%	0.146%
42	13.465	1078	1083	1084	rBV2	264185	335619	8.15%	0.584%
43	13.545	1088	1090	1091	rVV	84293	92989	2.26%	0.162%
44	13.580	1091	1093	1096	rVB3	90281	120756	2.93%	0.210%
45	13.797	1108	1112	1113	rBV	456879	469222	11.40%	0.816%
46	13.831	1113	1115	1117	rVV	570467	571401	13.88%	0.994%
47	13.888	1117	1120	1122	rVV2	254485	416223	10.11%	0.724%
48	13.934	1122	1124	1126	rVV	800423	1030674	25.04%	1.792%
49	14.060	1129	1135	1136	rBV2	46956	144823	3.52%	0.252%
50	14.082	1136	1137	1139	rVV2	70521	87885	2.13%	0.153%
51	14.174	1143	1145	1149	rVB2	274899	523428	12.71%	0.910%
52	14.357	1159	1161	1163	rBV	77767	95674	2.32%	0.166%
53	14.425	1165	1167	1168	rVB	65325	78752	1.91%	0.137%
54	14.482	1169	1172	1174	rBV	214215	282170	6.85%	0.491%
55	14.528	1174	1176	1177	rVV	127890	150713	3.66%	0.262%
56	14.585	1180	1181	1184	rVB3	163679	206758	5.02%	0.360%
57	14.688	1187	1190	1192	rBV	3438160	3863239	93.84%	6.718%
58	14.757	1192	1196	1198	rVV2	89516	76495	1.86%	0.133%
59	14.860	1201	1205	1211	rBV3	146980	404355	9.82%	0.703%
60	14.974	1211	1215	1216	rBV2	2374860	4116763	100.00%	7.159%
61	15.031	1218	1220	1224	rVB2	178830	275602	6.69%	0.479%
62	15.123	1225	1228	1229	rBV	174421	245784	5.97%	0.427%
63	15.157	1229	1231	1234	rVB	1099929	1317709	32.01%	2.291%
64	15.248	1234	1239	1240	rBV2	206140	409522	9.95%	0.712%
65	15.283	1240	1242	1243	rVB	88438	78111	1.90%	0.136%
66	15.351	1243	1248	1249	rBV4	180170	404414	9.82%	0.703%
67	15.374	1249	1250	1252	rVB	514475	590999	14.36%	1.028%
68	15.431	1252	1255	1256	rBV2	37475	78018	1.90%	0.136%
69	15.465	1256	1258	1259	rBV	485741	536708	13.04%	0.933%
70	15.500	1259	1261	1263	rVV	296322	419004	10.18%	0.729%
71	15.534	1263	1264	1266	rVB	80631	100850	2.45%	0.175%

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ClientSampleId :
SB-1(4-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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72	15.614	1269	1271	1273	rVB	165138	187283	4.55%	0.326%
73	15.660	1273	1275	1276	rBV	191201	202675	4.92%	0.352%
74	15.751	1281	1283	1290	rVB5	48120	138720	3.37%	0.241%
75	15.854	1290	1292	1293	rBV2	102391	152206	3.70%	0.265%
76	15.911	1296	1297	1299	rVB	102244	74263	1.80%	0.129%
77	16.003	1301	1305	1309	rVB2	165756	289906	7.04%	0.504%
78	16.151	1315	1318	1320	rBV2	234425	482641	11.72%	0.839%
79	16.186	1320	1321	1322	rVV	273382	236887	5.75%	0.412%
80	16.243	1324	1326	1327	rVV2	285404	399670	9.71%	0.695%
81	16.323	1331	1333	1335	rBV2	246202	384017	9.33%	0.668%
82	16.460	1340	1345	1347	rBV2	1782267	3306944	80.33%	5.750%
83	16.506	1347	1349	1350	rVV	1047567	1464905	35.58%	2.547%
84	16.597	1353	1357	1359	rBV2	298317	520266	12.64%	0.905%
85	16.643	1359	1361	1362	rVV	101259	108929	2.65%	0.189%
86	16.723	1365	1368	1370	rVV3	144153	296497	7.20%	0.516%
87	16.757	1370	1371	1373	rVB	152650	126909	3.08%	0.221%
88	16.951	1386	1388	1390	rBV	225927	359252	8.73%	0.625%
89	16.997	1390	1392	1395	rVB	150029	186149	4.52%	0.324%
90	17.077	1397	1399	1400	rBV	188911	186649	4.53%	0.325%
91	17.111	1400	1402	1403	rBV2	193932	211172	5.13%	0.367%
92	17.340	1420	1422	1424	rBV3	107725	199305	4.84%	0.347%
93	17.500	1434	1436	1438	rBV3	110417	146410	3.56%	0.255%
94	17.751	1455	1458	1463	rBV	1229389	2999987	72.87%	5.217%
95	17.866	1466	1468	1469	rVB	230533	256077	6.22%	0.445%
96	18.071	1484	1486	1490	rVB	639059	1048149	25.46%	1.823%
97	18.140	1490	1492	1495	rBV	941567	1420188	34.50%	2.470%
98	18.209	1496	1498	1500	rBV	407748	615072	14.94%	1.070%
99	19.786	1633	1636	1642	rVB2	469224	1073379	26.07%	1.866%
100	20.254	1674	1677	1681	rBV	333598	737137	17.91%	1.282%

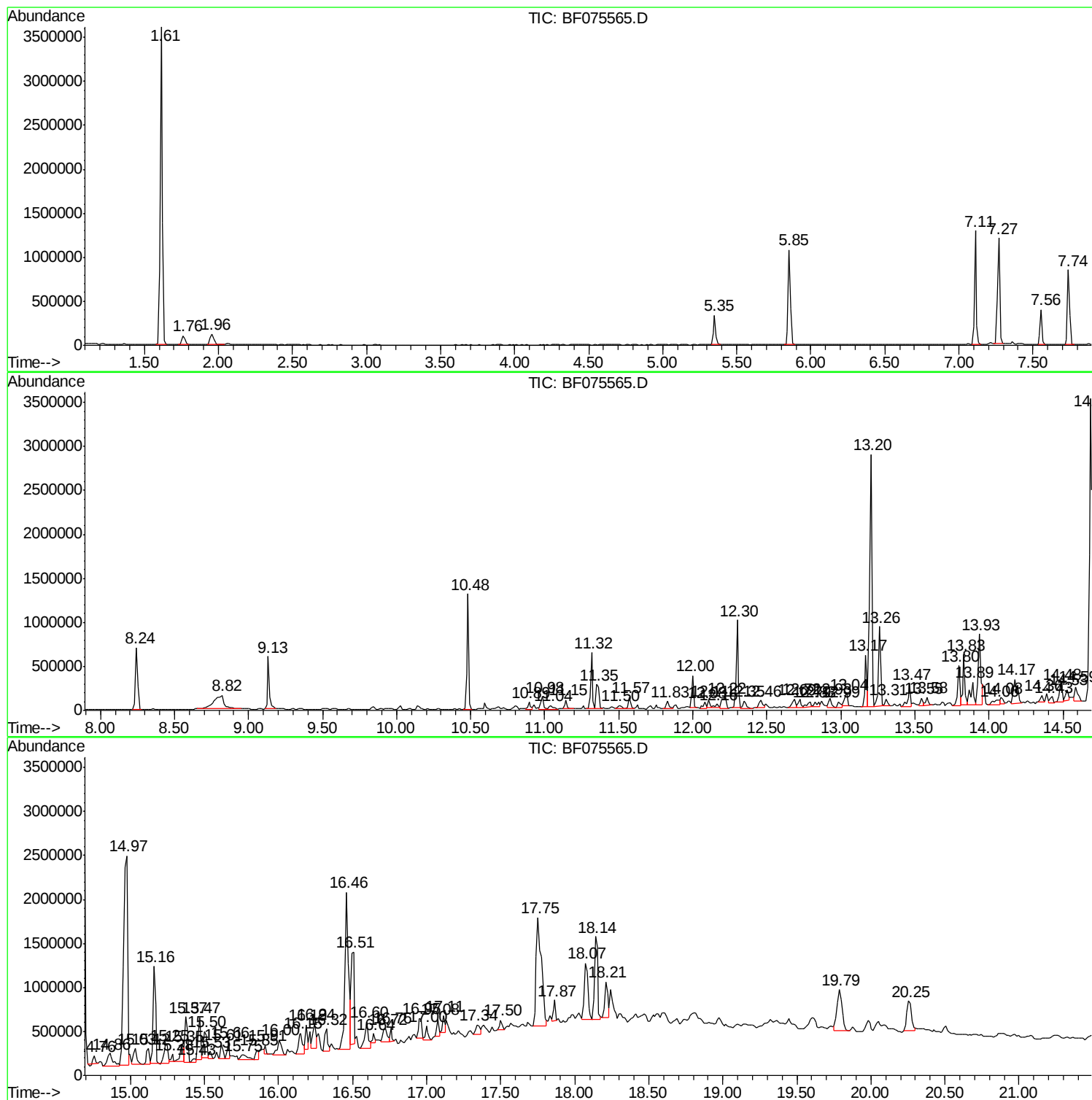
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Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_F
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SB-1(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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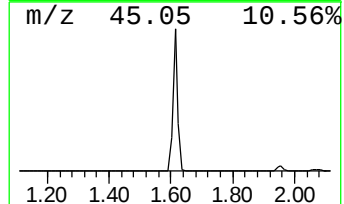
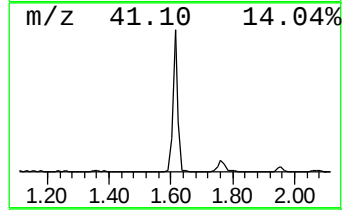
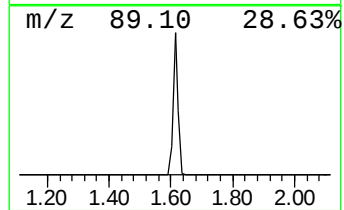
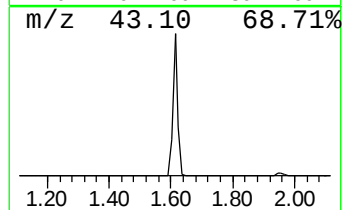
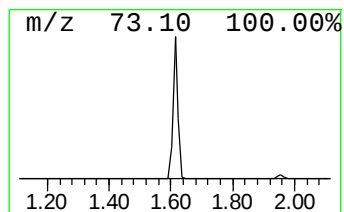
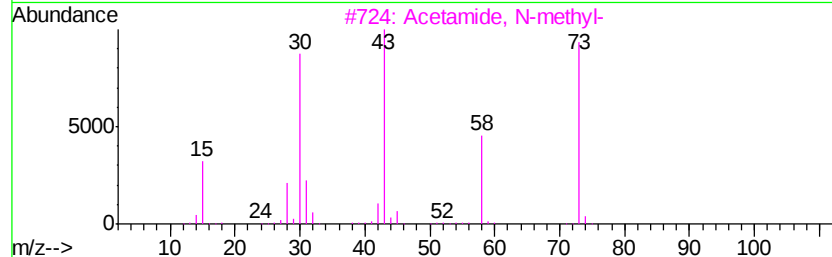
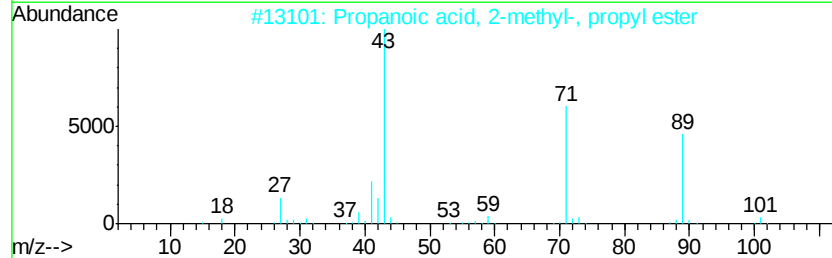
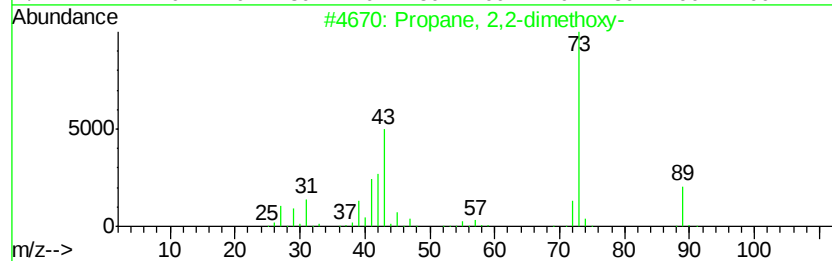
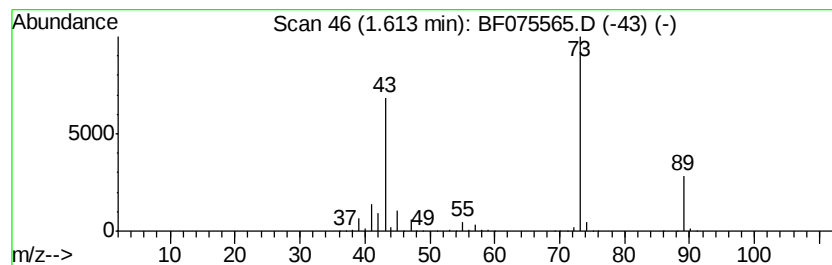
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.61	226.90 ng	4034400	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	23
3		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4		Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	9
5		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



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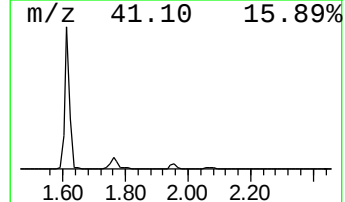
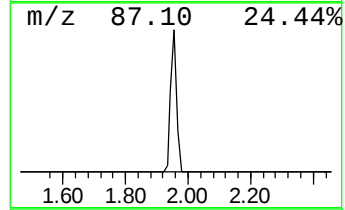
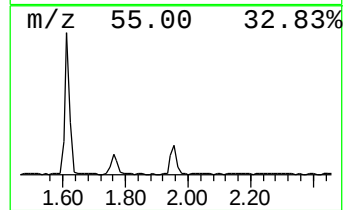
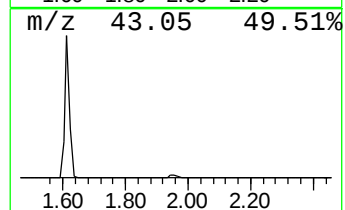
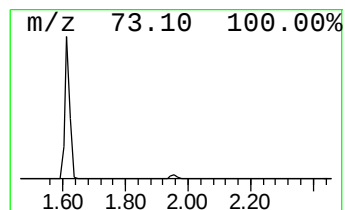
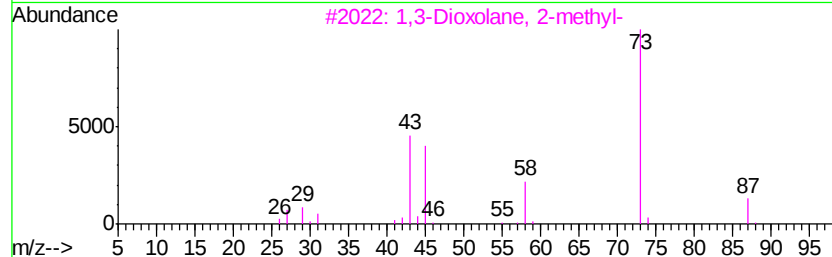
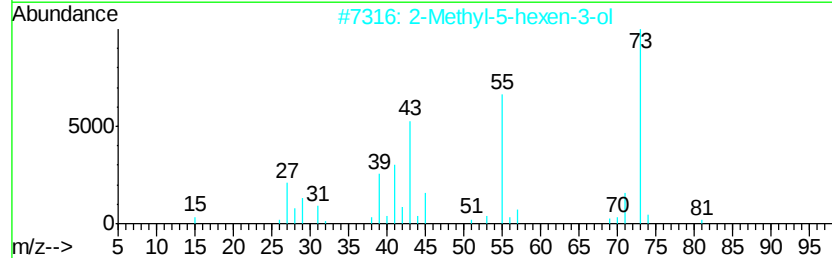
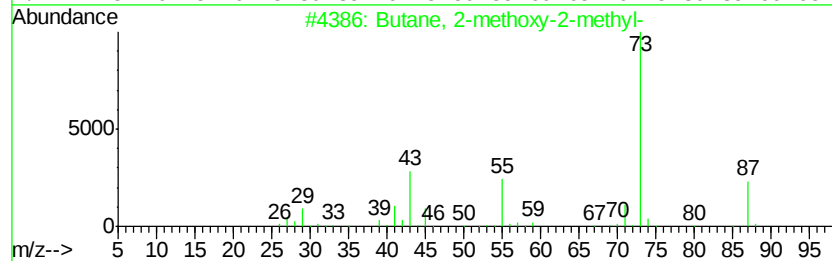
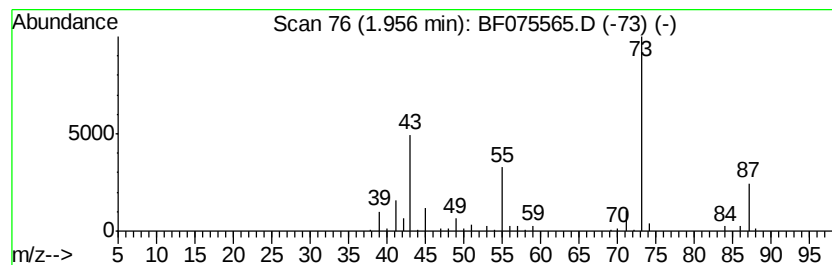
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	11.65 ng	207181	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	12
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9



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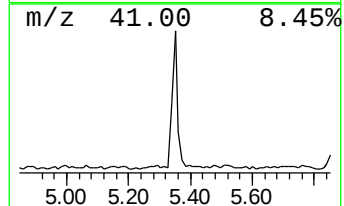
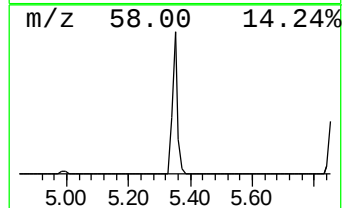
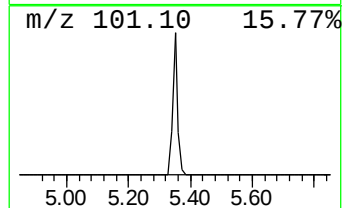
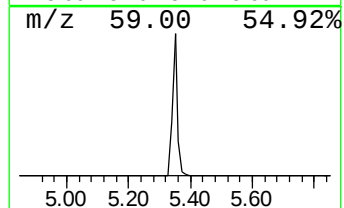
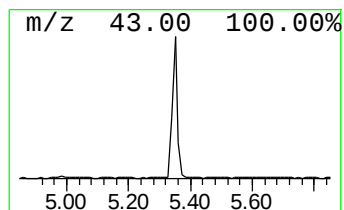
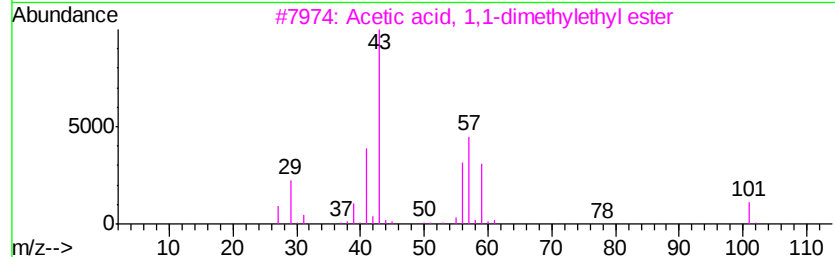
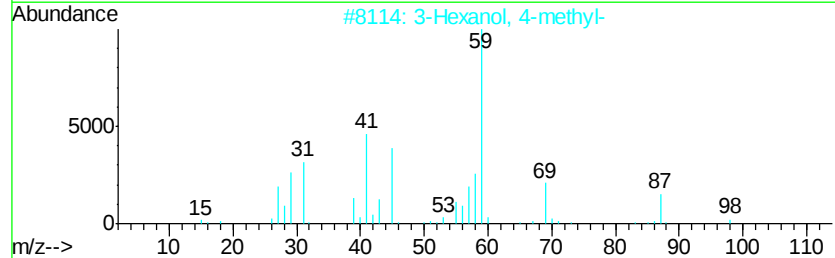
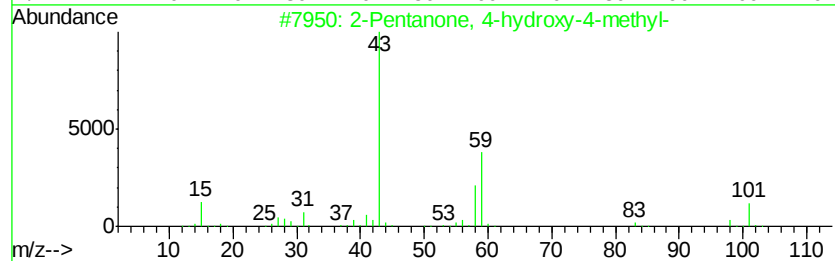
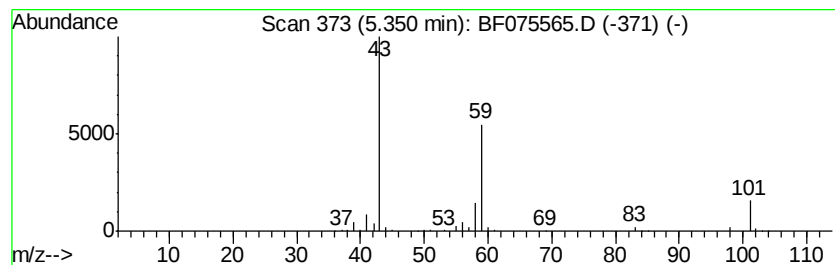
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	21.86 ng	388700	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075565.D
Acq On : 16 Nov 2014 2:36
Operator : TP / JJ
Sample : F4713-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

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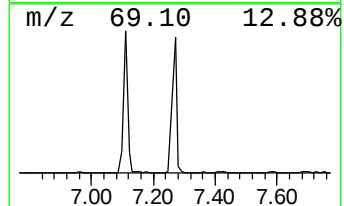
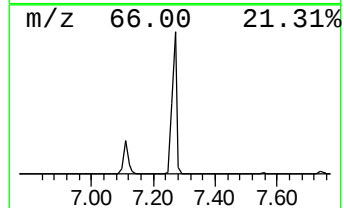
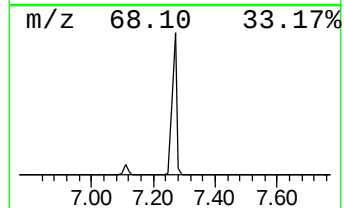
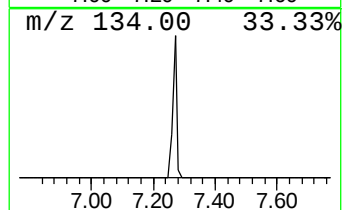
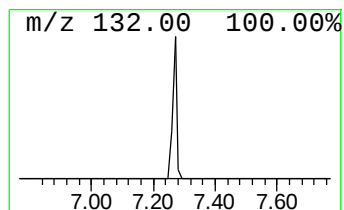
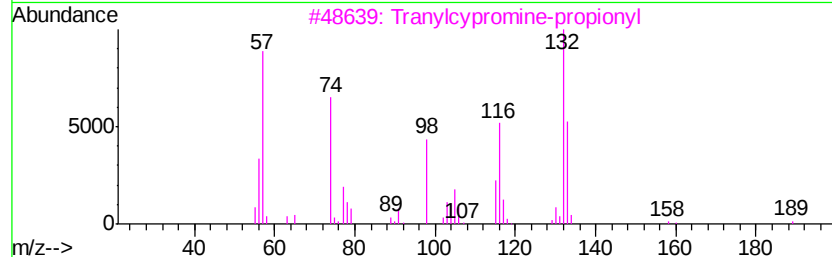
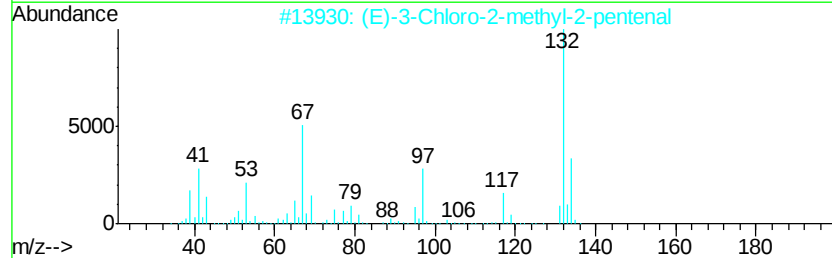
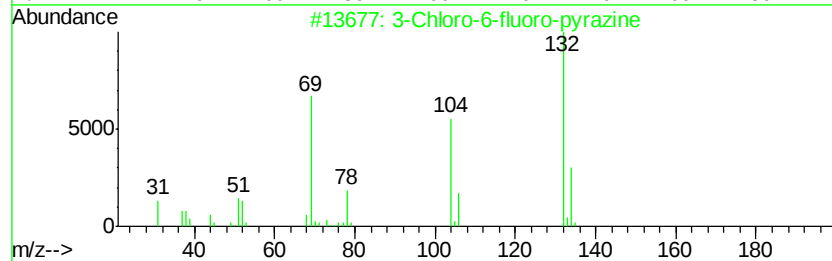
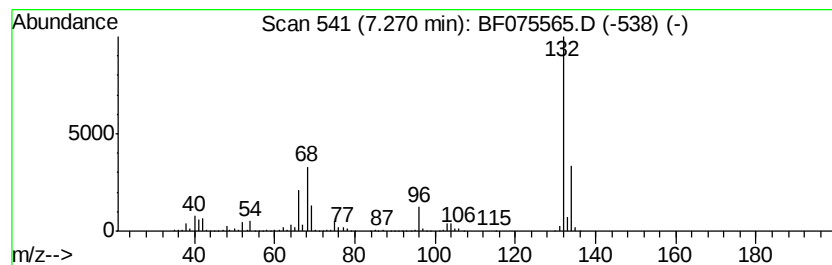
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	67.43 ng	1199030	1,4-Dichlorobenzene-d4	7.56

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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
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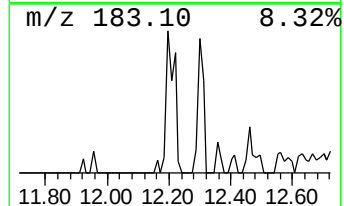
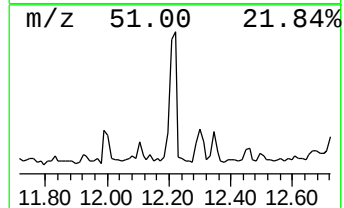
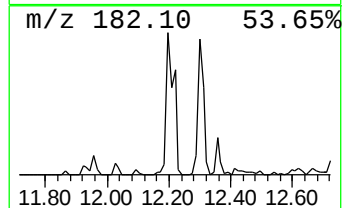
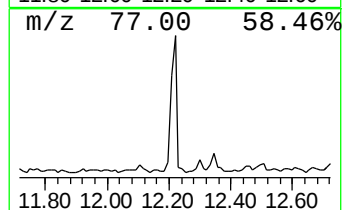
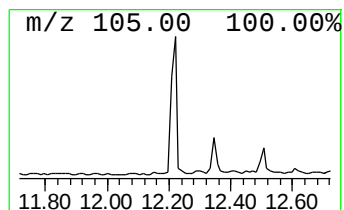
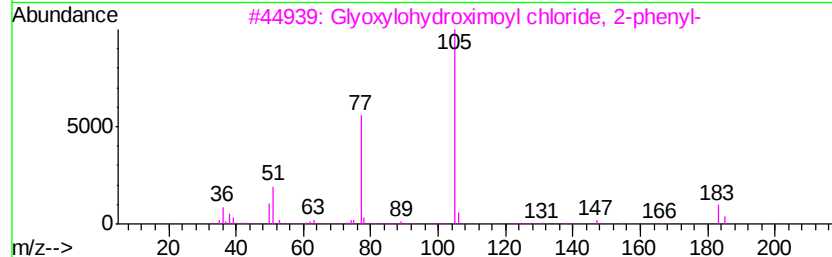
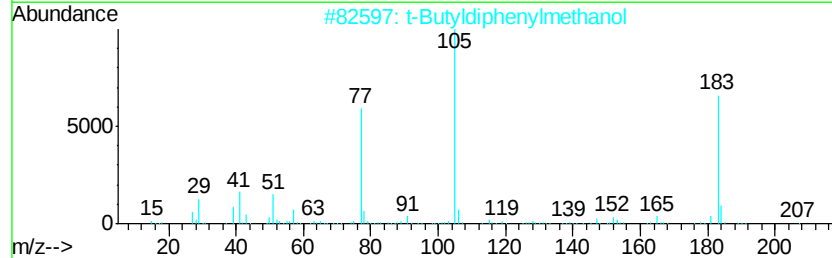
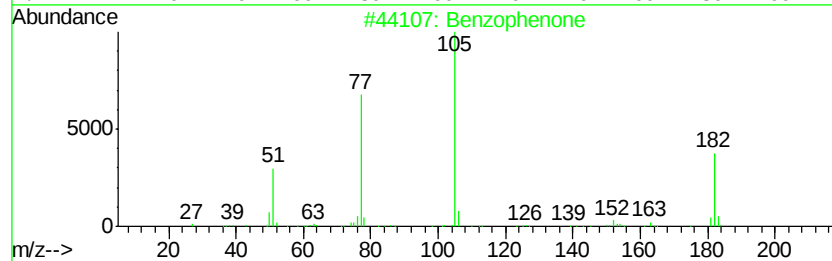
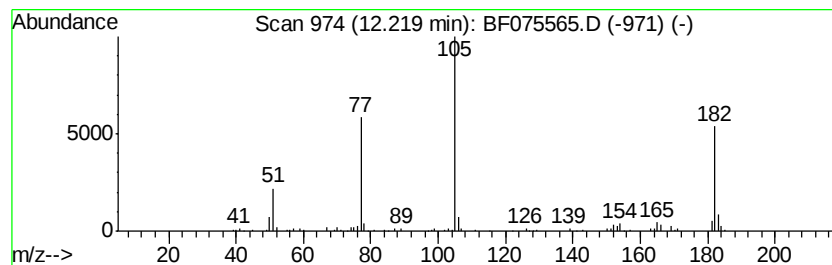
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	7.91 ng	236186	Acenaphthene-d10	11.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzophenone	182 C13H10O	000119-61-9 90
2		t-Butyldiphenylmethanol	240 C17H20O	001657-60-9 50
3		Glyoxylohydroximoyl chloride, 2-...	183 C8H6ClN02	004937-87-5 46
4		Acetophenone, 2-chloro-	154 C8H7ClO	000532-27-4 43
5		Benzenepropanenitrile, .beta.-oxo-	145 C9H7NO	000614-16-4 43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075565.D
Acq On : 16 Nov 2014 2:36
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ClientSampleId :
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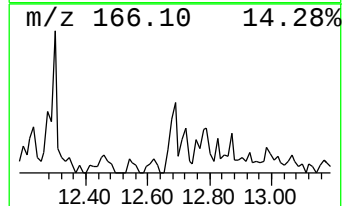
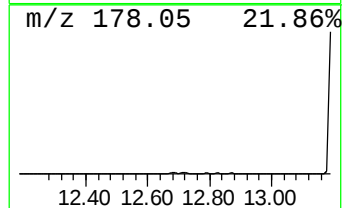
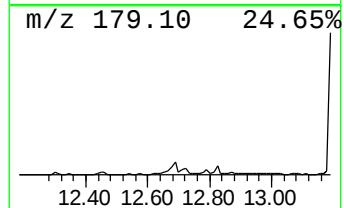
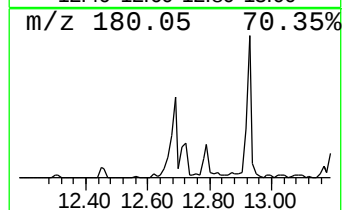
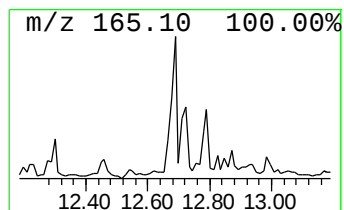
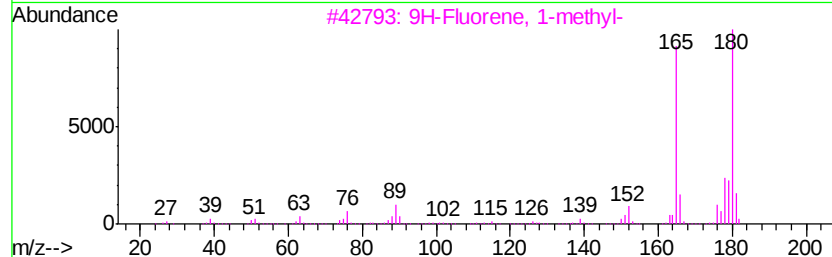
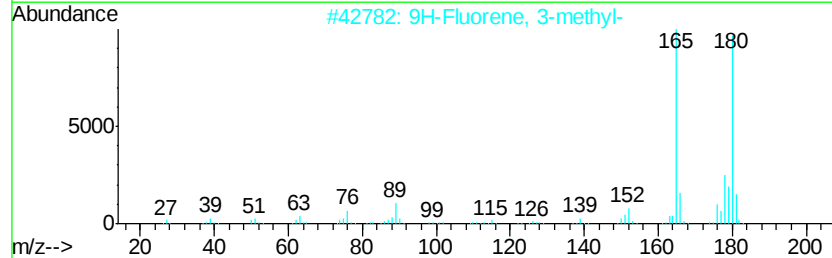
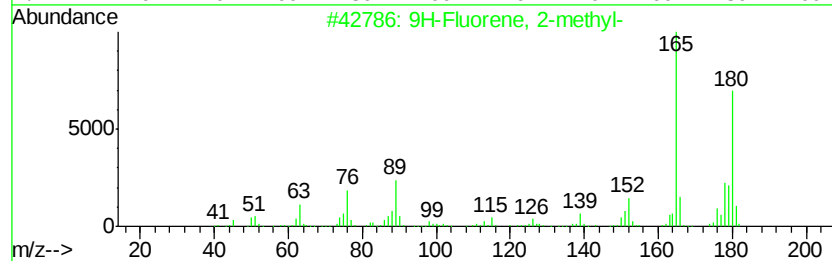
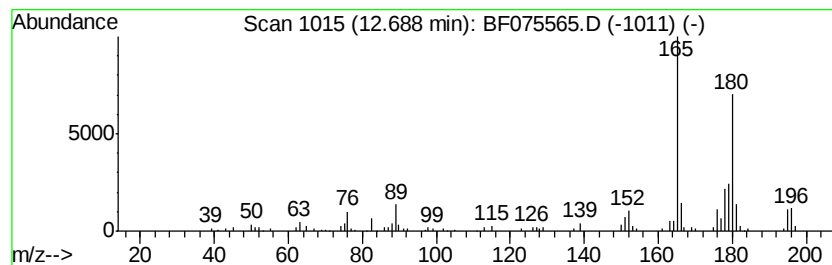
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	5.65 ng	175635	Phenanthrene-d10	13.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075565.D
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Operator : TP / JJ
Sample : F4713-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

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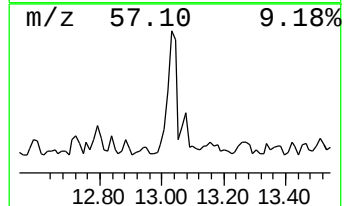
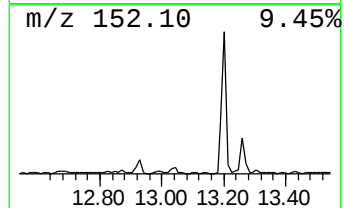
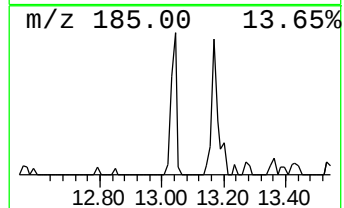
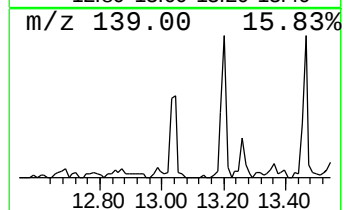
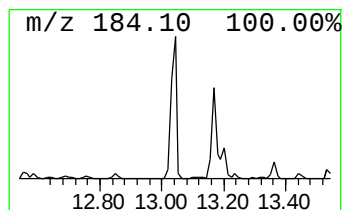
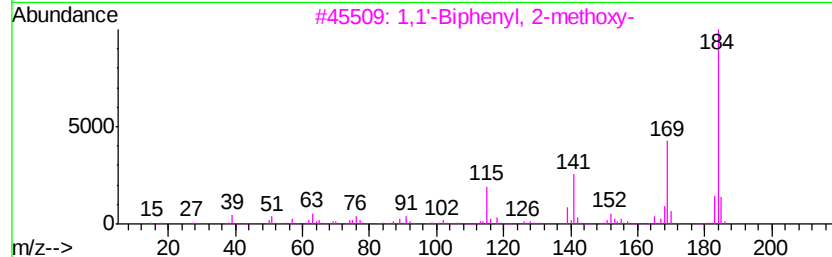
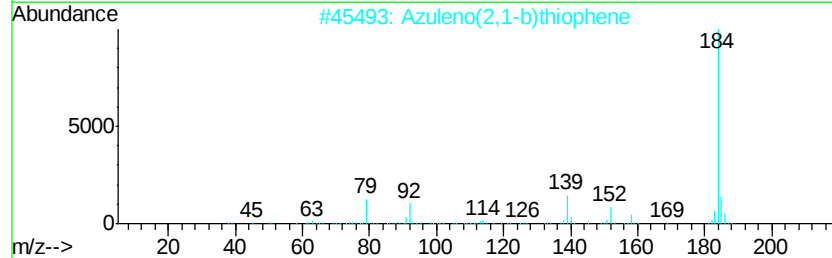
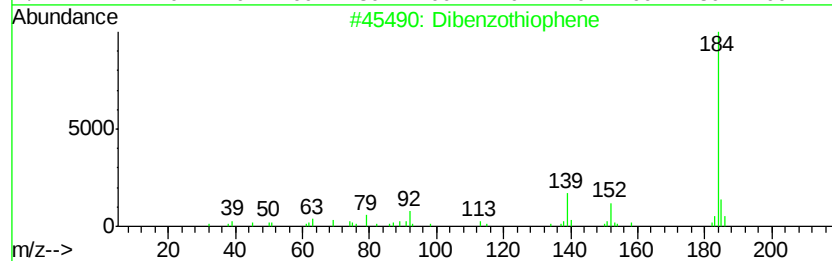
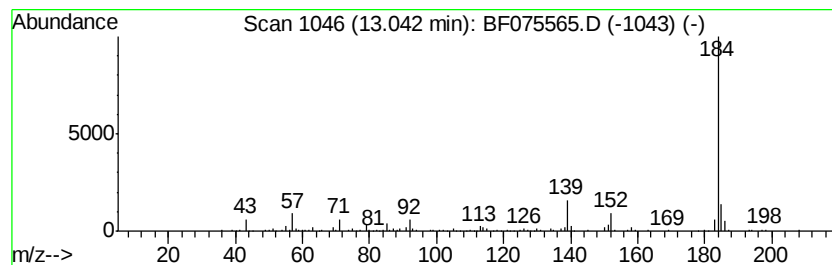
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	6.92 ng	214908	Phenanthrene-d10	13.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
3		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	64
4		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	64
5		Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075565.D
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Instrument :
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ClientSampleId :
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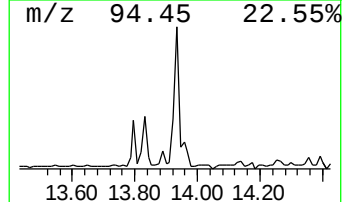
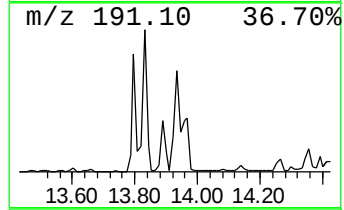
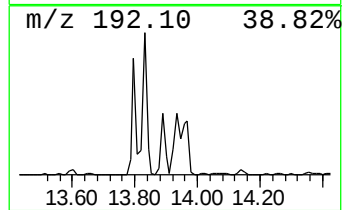
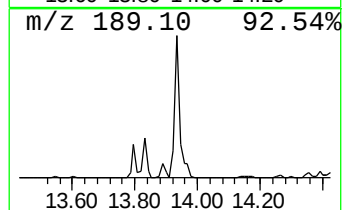
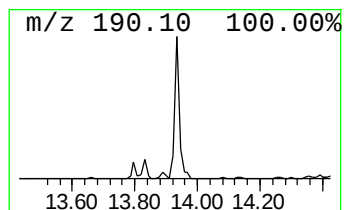
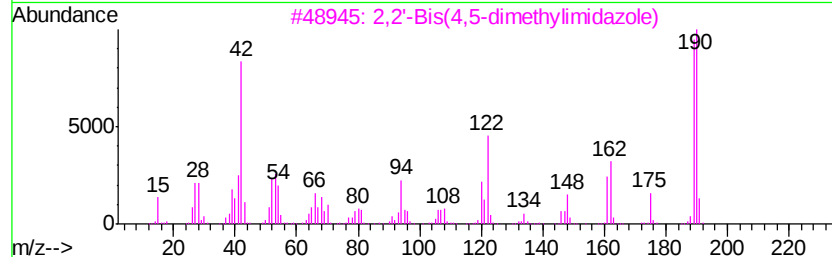
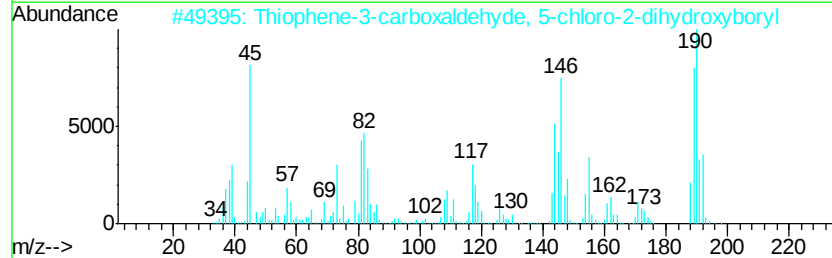
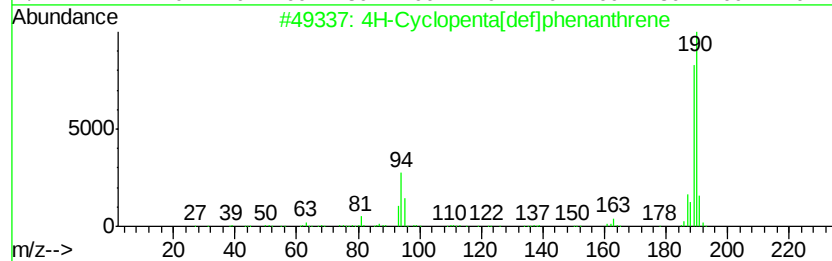
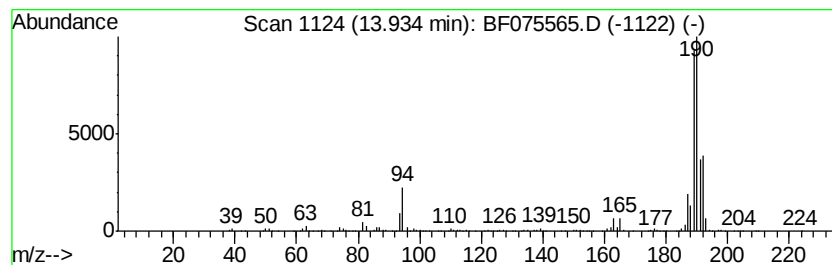
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	33.18 ng	1030670	Phenanthrene-d10	13.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16
5		Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4O5S2	038362-25-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
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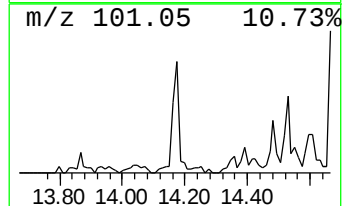
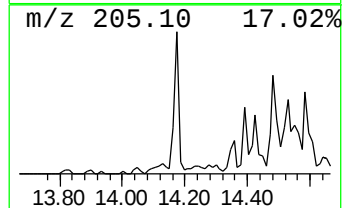
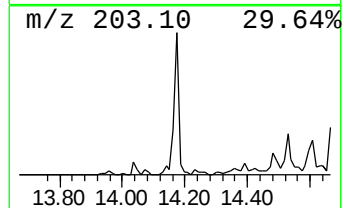
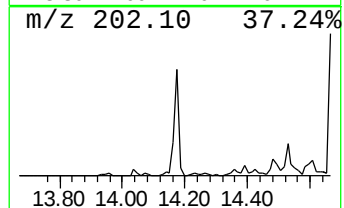
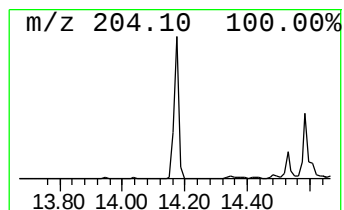
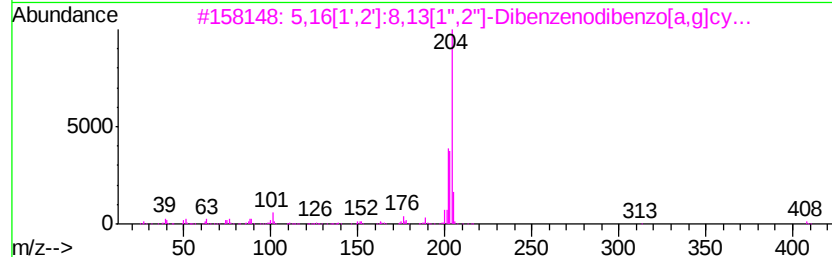
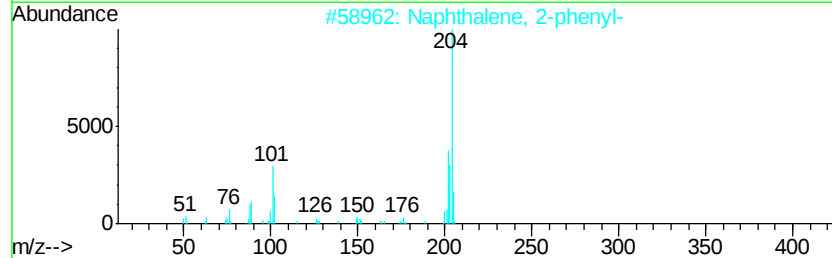
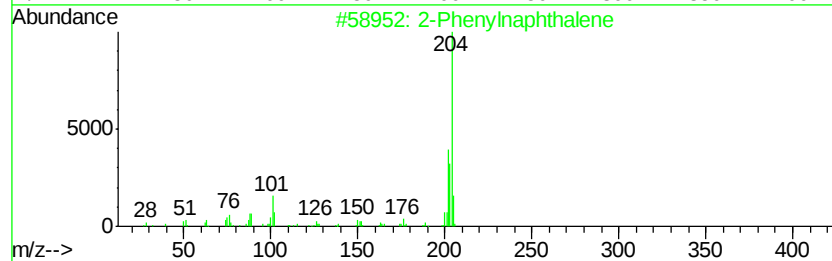
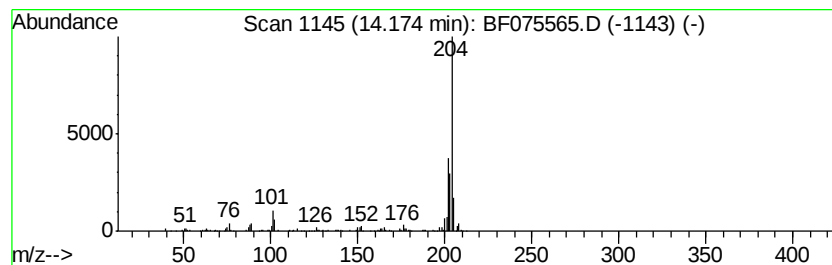
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Phenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	16.85 ng	523428	Phenanthrene-d10	13.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
5		5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075565.D
Acq On : 16 Nov 2014 2:36
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ClientSampleId :
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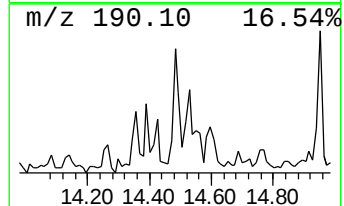
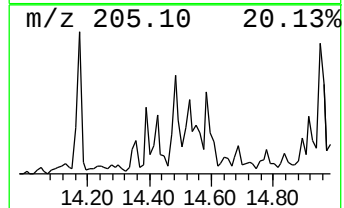
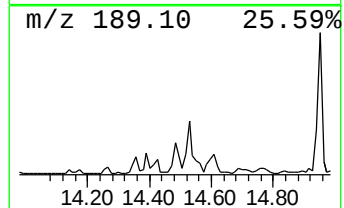
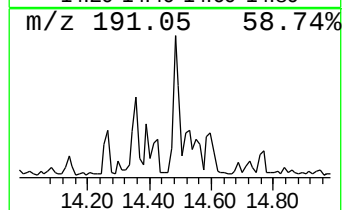
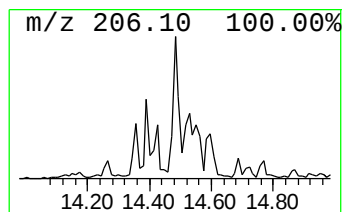
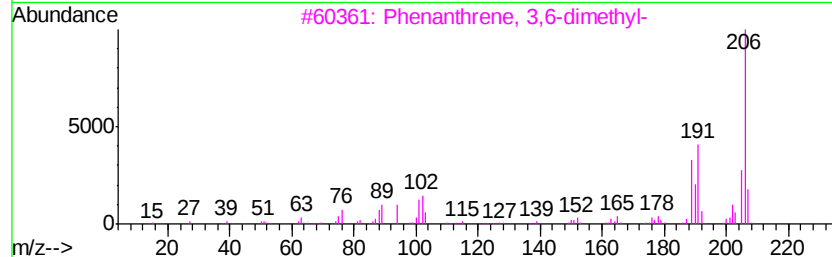
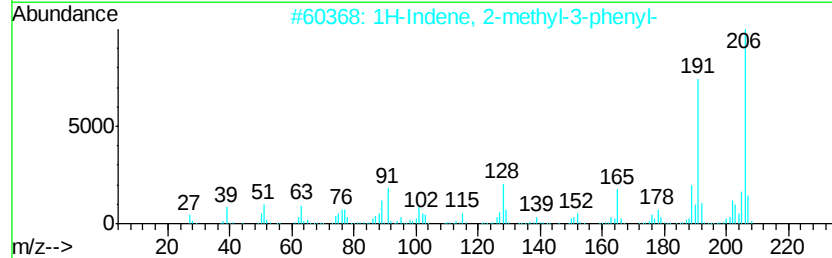
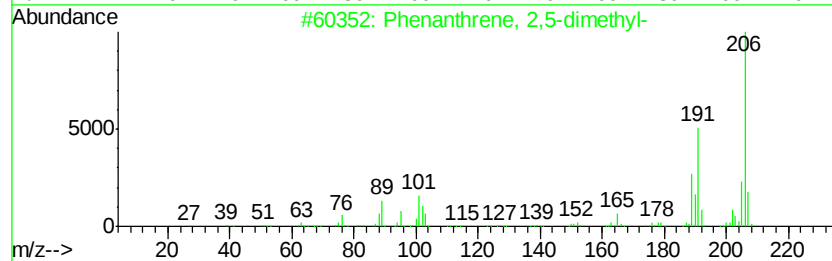
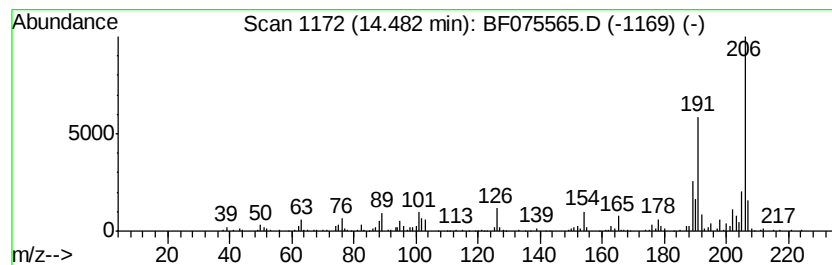
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	9.08 ng	282170	Phenanthrene-d10	13.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	93
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	92
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075565.D
Acq On : 16 Nov 2014 2:36
Operator : TP / JJ
Sample : F4713-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

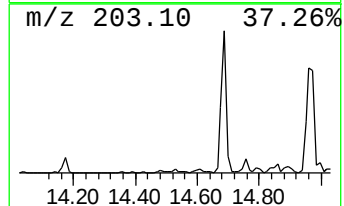
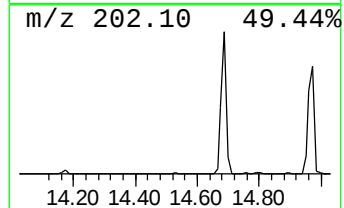
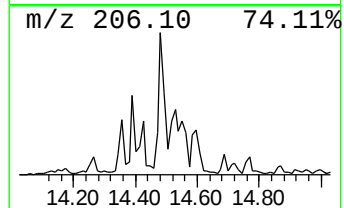
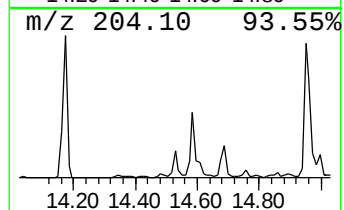
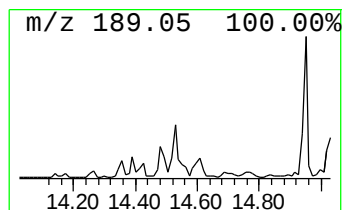
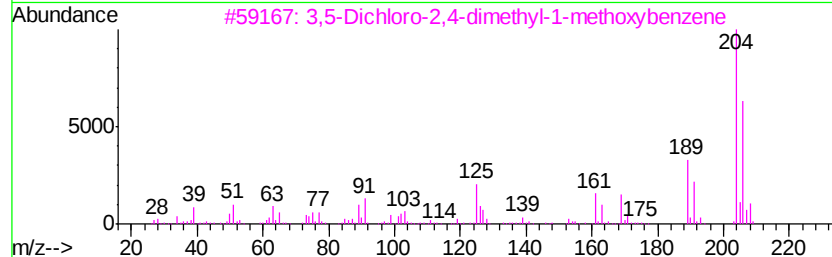
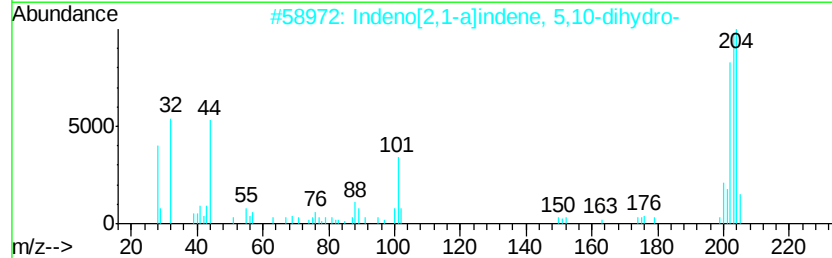
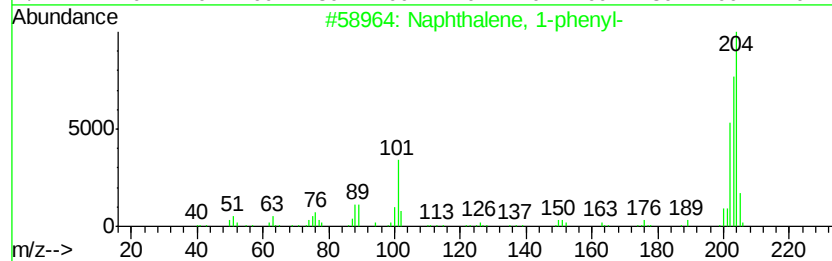
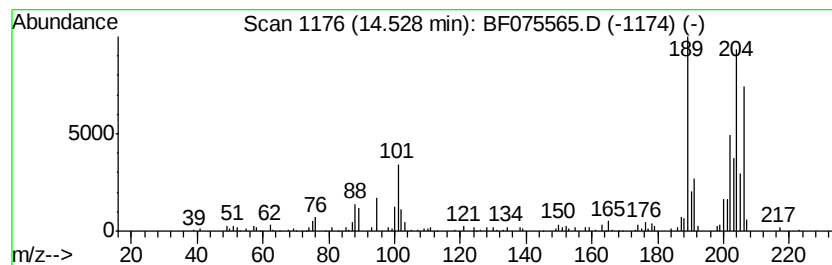
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	4.85 ng	150713	Phenanthrene-d10	13.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
2		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	46
3		3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	38
4		2,1,3-Benzoxazole, 5,6-dichloro-...	204	C6H2Cl2N2O2	004701-01-3	38
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075565.D
Acq On : 16 Nov 2014 2:36
Operator : TP / JJ
Sample : F4713-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-1(4-5)

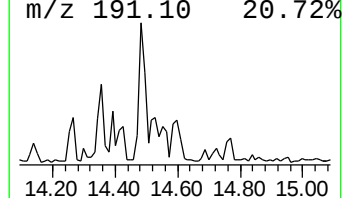
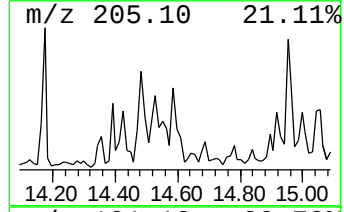
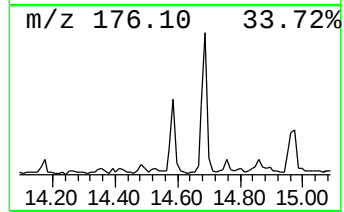
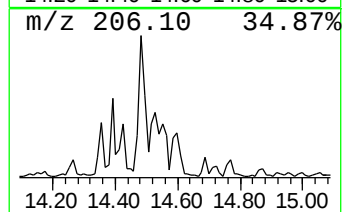
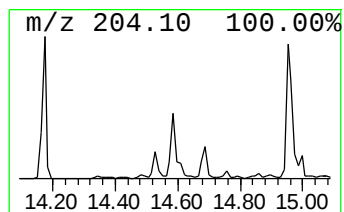
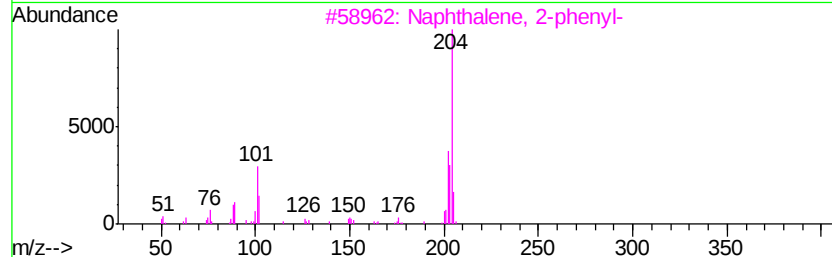
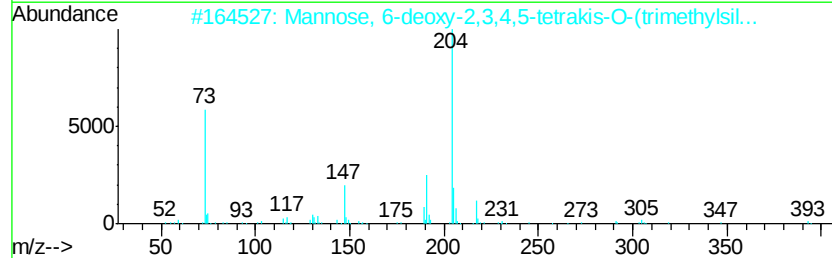
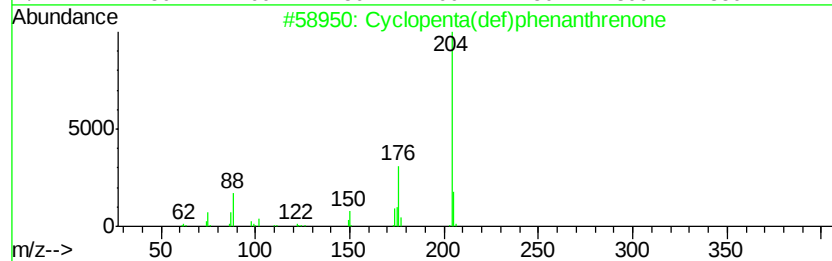
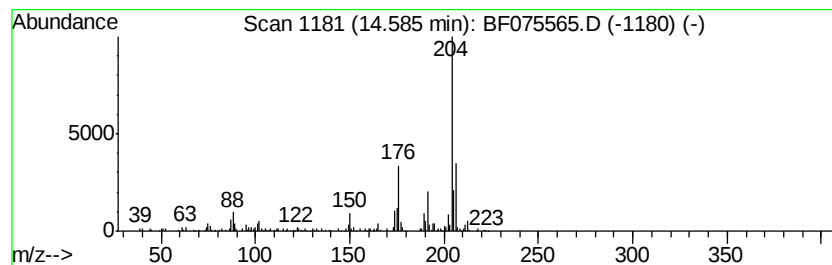
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	6.66 ng	206758	Phenanthrene-d10	13.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	47
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5		[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075565.D
Acq On : 16 Nov 2014 2:36
Operator : TP / JJ
Sample : F4713-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

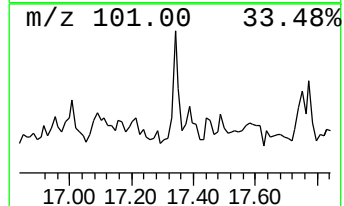
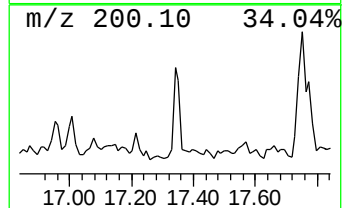
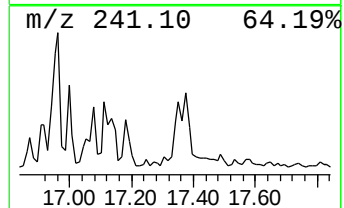
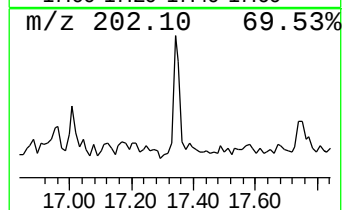
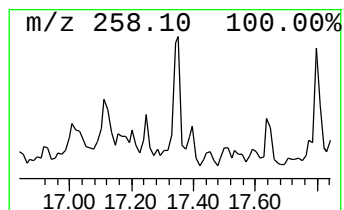
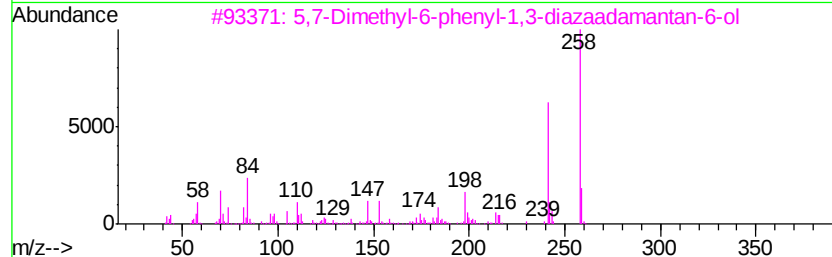
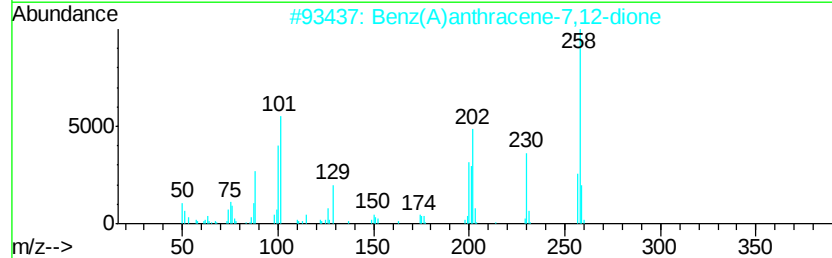
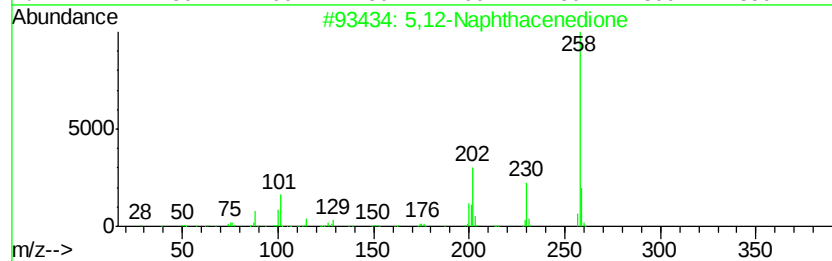
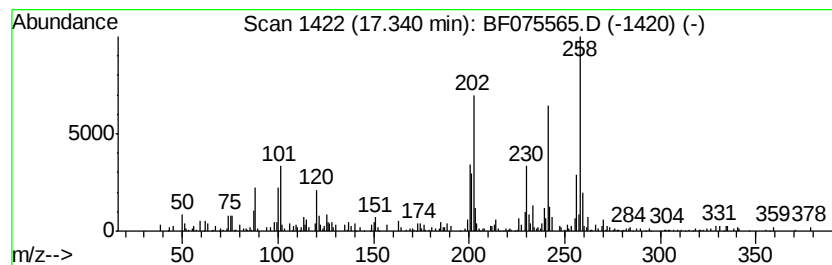
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 5,12-Naphthacenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	6.48 ng	199305	Perylene-d12	18.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	97
2		Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	83
3		5,7-Dimethyl-6-phenyl-1,3-diazaa...	258	C16H22N2O	1000216-37-9	45
4		5-Methoxy-benzo[c]phenanthrene	258	C19H14O	004235-03-4	38
5		Benzenamine, 4-(9H-carbazol-9-yl)-	258	C18H14N2	052708-37-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075565.D
Acq On : 16 Nov 2014 2:36
Operator : TP / JJ
Sample : F4713-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-1(4-5)

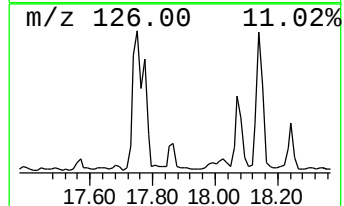
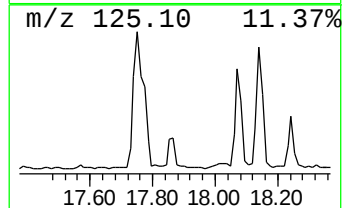
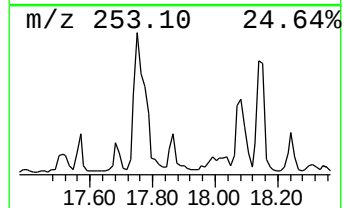
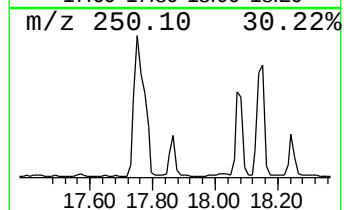
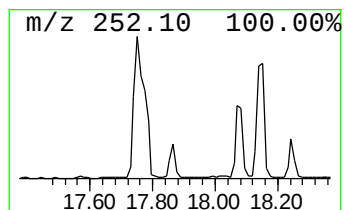
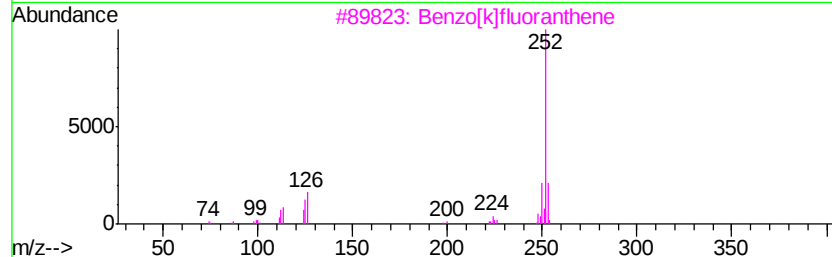
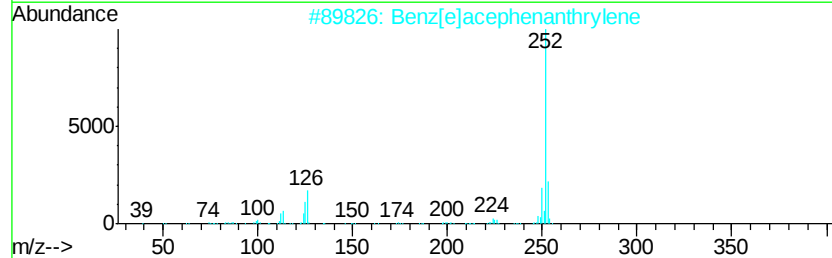
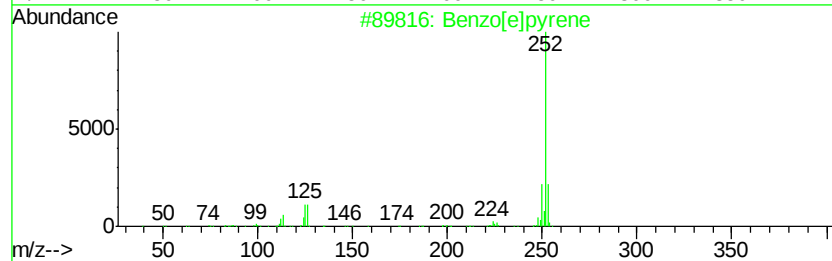
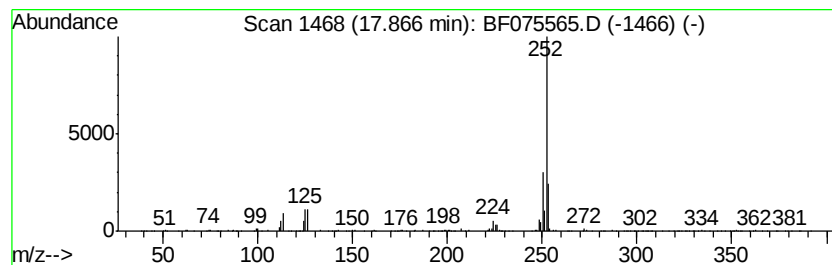
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	8.33 ng	256077	Perylene-d12	18.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Perylene	252	C20H12	000198-55-0	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075565.D
 Acq On : 16 Nov 2014 2:36
 Operator : TP / JJ
 Sample : F4713-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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
Propane, 2,2-dime...	1.61	226.9	ng	4034400	1	7.56	355613	20.0
Butane, 2-methoxy...	1.96	11.7	ng	207181	1	7.56	355613	20.0
2-Pentanone, 4-hy...	5.35	21.9	ng	388700	1	7.56	355613	20.0
unknown7.27	7.27	67.4	ng	1199030	1	7.56	355613	20.0
Benzophenone	12.22	7.9	ng	236186	3	11.32	597215	20.0
9H-Fluorene, 2-me...	12.69	5.7	ng	175635	4	13.17	621277	20.0
Dibenzothiophene	13.04	6.9	ng	214908	4	13.17	621277	20.0
4H-Cyclopenta[def...	13.93	33.2	ng	1030670	4	13.17	621277	20.0
2-Phenyl naphthalene	14.17	16.9	ng	523428	4	13.17	621277	20.0
Phenanthrene, 2,5...	14.48	9.1	ng	282170	4	13.17	621277	20.0
Naphthalene, 1-ph...	14.53	4.8	ng	150713	4	13.17	621277	20.0
Cyclopenta(def)ph...	14.59	6.7	ng	206758	4	13.17	621277	20.0
5,12-Naphthacened...	17.34	6.5	ng	199305	6	18.21	615072	20.0
Benzo[e]pyrene	17.87	8.3	ng	256077	6	18.21	615072	20.0