

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
 Data File : BF079010.D
 Acq On : 7 May 2015 22:01
 Operator : TP/IZ
 Sample : G2116-11 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45S

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	1.484	24	26	29	rVB	945162	1051737	17.40%	4.420%
2	1.633	36	39	49	rVB2	146142	325426	5.38%	1.368%
3	1.758	49	50	52	rVV	83709	119480	1.98%	0.502%
4	1.804	52	54	60	rVV	68546	135998	2.25%	0.572%
5	1.884	60	61	99	rVB	2585991	6044287	100.00%	25.402%
6	5.644	387	390	392	rBV	257594	274996	4.55%	1.156%
7	6.902	497	500	502	rBV	222752	287919	4.76%	1.210%
8	7.050	511	513	516	rBV	328425	301201	4.98%	1.266%
9	7.347	536	539	541	rBV	268578	368718	6.10%	1.550%
10	7.530	552	555	557	rVB	247913	228785	3.79%	0.962%
11	8.033	597	599	601	rBV	170736	167798	2.78%	0.705%
12	8.925	674	677	678	rBV	375122	515888	8.54%	2.168%
13	10.262	792	794	797	rBV	405208	348356	5.76%	1.464%
14	11.096	864	867	869	rBV	640742	604463	10.00%	2.540%
15	11.131	869	870	873	rVB	89032	112982	1.87%	0.475%
16	11.782	924	927	929	rVB2	100323	119545	1.98%	0.502%
17	12.079	950	953	956	rVB	259816	274034	4.53%	1.152%
18	12.777	1011	1014	1016	rBV2	44489	68539	1.13%	0.288%
19	12.811	1016	1017	1023	rVB4	42376	64434	1.07%	0.271%
20	12.948	1026	1029	1030	rBV	660059	664704	11.00%	2.794%
21	12.971	1030	1031	1034	rVV	892581	1088068	18.00%	4.573%
22	13.039	1034	1037	1039	rVV	201528	209506	3.47%	0.880%
23	13.577	1081	1084	1085	rBV	139318	138755	2.30%	0.583%
24	13.611	1085	1087	1090	rVB	185365	186408	3.08%	0.783%
25	13.668	1090	1092	1094	rBV	78261	77725	1.29%	0.327%
26	13.714	1094	1096	1097	rVV	183828	235319	3.89%	0.989%
27	13.737	1097	1098	1100	rVB	77149	85937	1.42%	0.361%
28	13.954	1115	1117	1121	rVB2	101345	142091	2.35%	0.597%
29	14.262	1140	1144	1146	rBV	60142	87291	1.44%	0.367%
30	14.308	1146	1148	1151	rVV2	39217	71386	1.18%	0.300%
31	14.365	1151	1153	1156	rVB2	44698	68241	1.13%	0.287%
32	14.457	1159	1161	1164	rBV	1138391	1138042	18.83%	4.783%
33	14.640	1173	1177	1183	rBV3	47886	110829	1.83%	0.466%
34	14.743	1183	1186	1188	rBV	921788	1169338	19.35%	4.914%

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Instrument :
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SB-45S

Integration Parameters: rteint.p
Integrator: RTE
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.811	1190	1192	1197	rVB2	45534	80895	1.34%	0.340%
36	14.903	1197	1200	1201	rBV	50870	73868	1.22%	0.310%
37	14.937	1201	1203	1206	rBV2	318841	452861	7.49%	1.903%
38	15.028	1206	1211	1212	rBV2	55068	101198	1.67%	0.425%
39	15.154	1215	1222	1224	rBV	147482	273797	4.53%	1.151%
40	15.245	1228	1230	1231	rBV	98628	114190	1.89%	0.480%
41	15.280	1231	1233	1235	rBV	97285	126313	2.09%	0.531%
42	15.668	1262	1267	1268	rBV3	26429	72859	1.21%	0.306%
43	15.794	1274	1278	1281	rBV2	40854	80743	1.34%	0.339%
44	15.931	1287	1290	1292	rBV	55947	95924	1.59%	0.403%
45	15.977	1292	1294	1297	rVV2	57119	99327	1.64%	0.417%
46	16.125	1304	1307	1308	rBV3	49858	86348	1.43%	0.363%
47	16.263	1315	1319	1320	rBV2	695088	1249796	20.68%	5.253%
48	16.297	1320	1322	1323	rVV	296541	421572	6.97%	1.772%
49	16.320	1323	1324	1327	rVB2	47357	64859	1.07%	0.273%
50	16.388	1328	1330	1332	rBV2	47451	69187	1.14%	0.291%
51	16.514	1339	1341	1344	rBV2	33077	64988	1.08%	0.273%
52	16.686	1350	1356	1358	rBV3	50364	197931	3.27%	0.832%
53	16.731	1358	1360	1361	rVV2	51516	92732	1.53%	0.390%
54	16.777	1362	1364	1365	rVV	82323	114292	1.89%	0.480%
55	16.811	1365	1367	1373	rVB3	41481	125359	2.07%	0.527%
56	17.600	1433	1436	1442	rBV	333815	870776	14.41%	3.660%
57	17.931	1462	1465	1468	rBV	274325	439026	7.26%	1.845%
58	18.000	1468	1471	1473	rVV	267300	375477	6.21%	1.578%
59	18.069	1474	1477	1478	rBV	485890	708411	11.72%	2.977%
60	19.577	1606	1609	1614	rBV2	109909	256121	4.24%	1.076%
61	20.023	1645	1648	1651	rBV	105135	197143	3.26%	0.829%

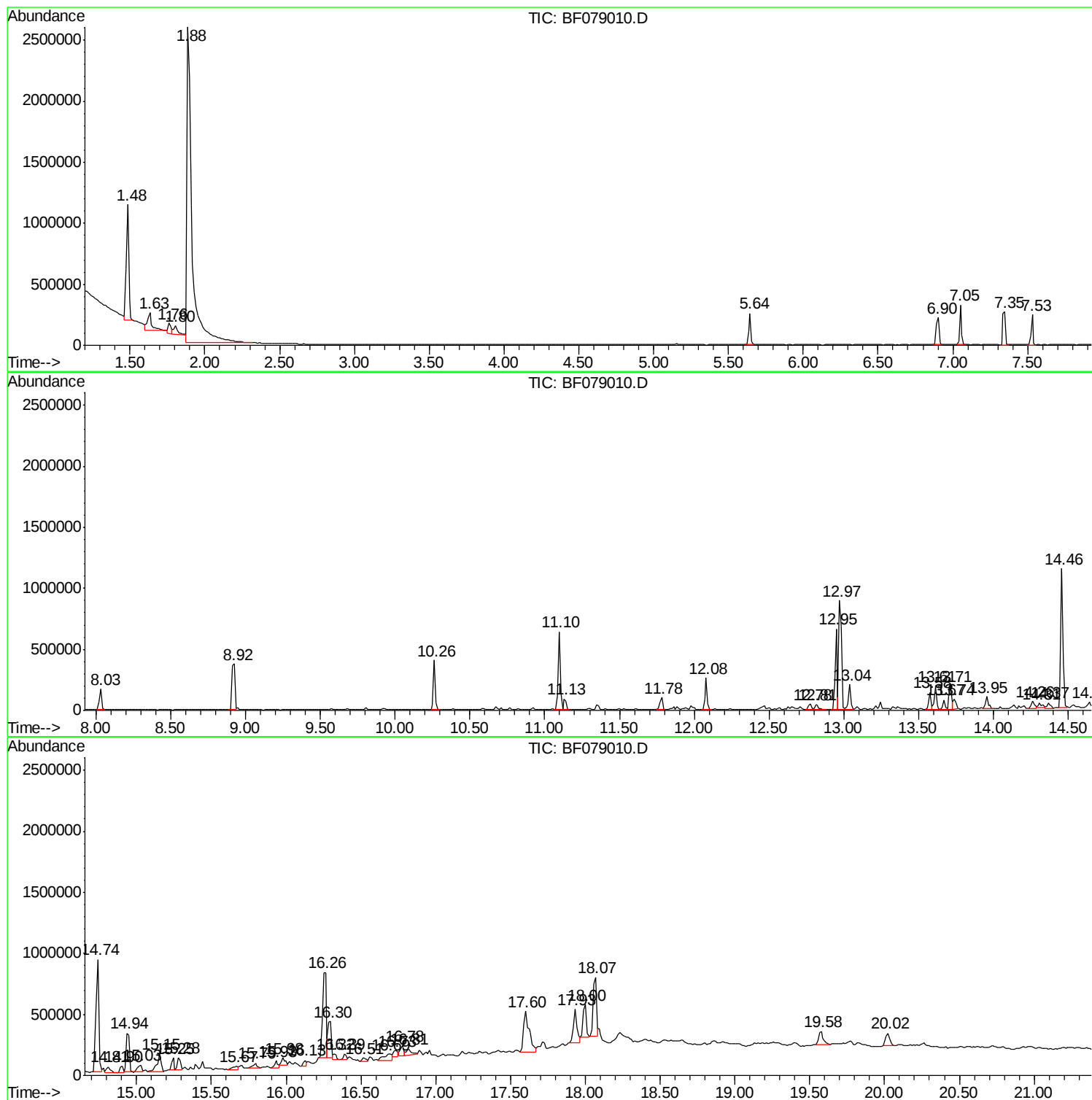
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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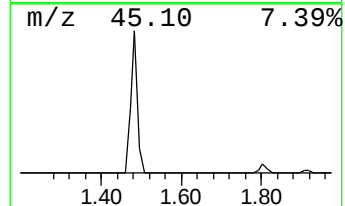
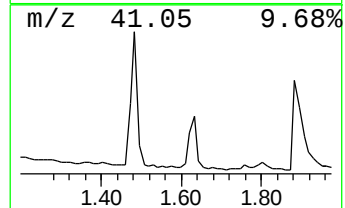
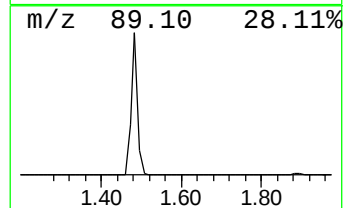
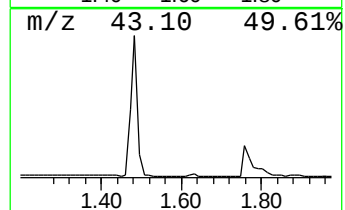
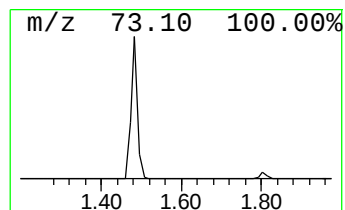
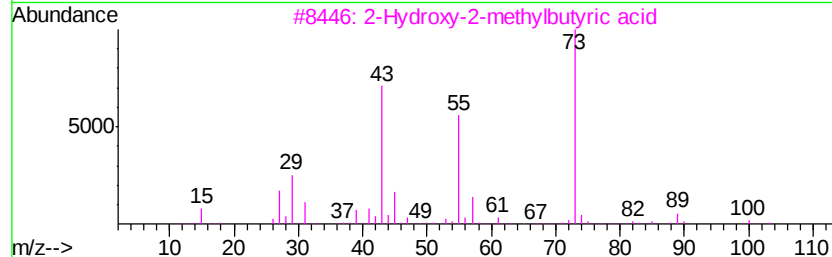
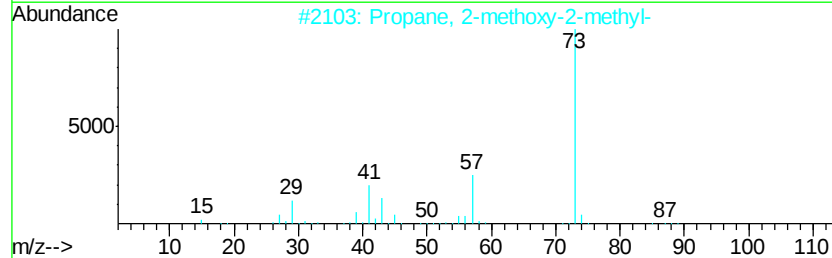
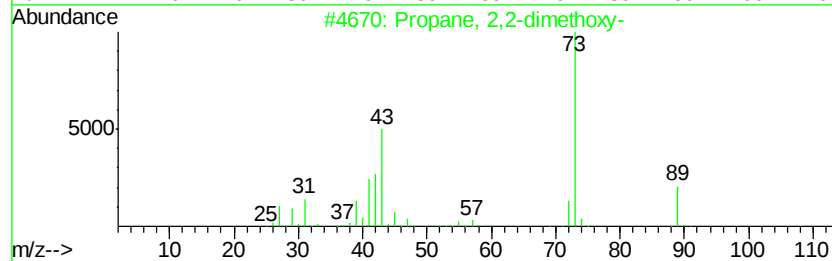
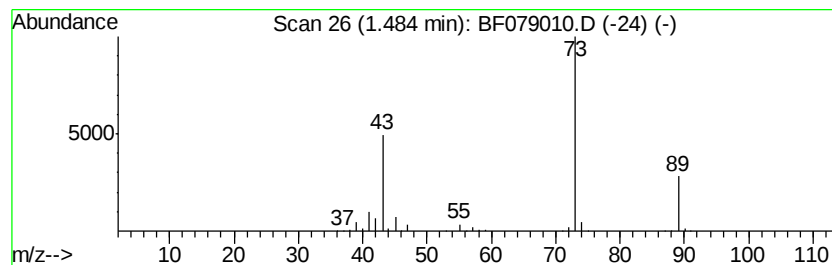
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	57.05 ng	1051740	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	7



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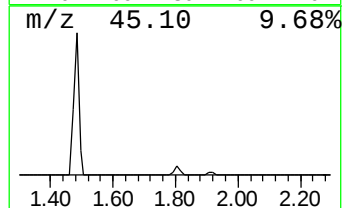
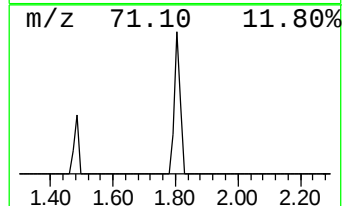
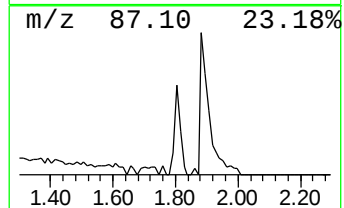
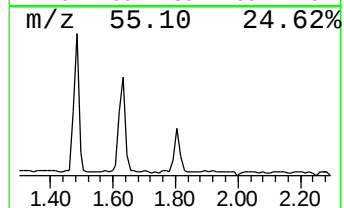
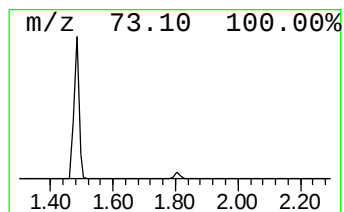
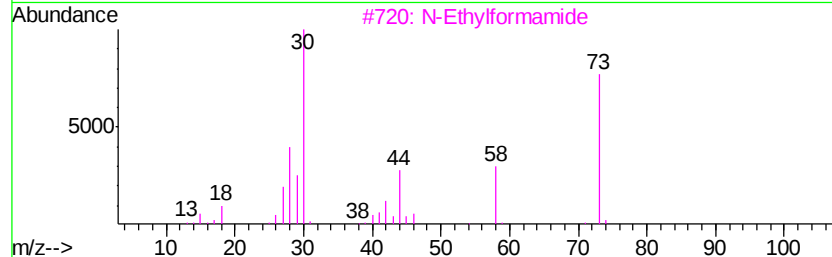
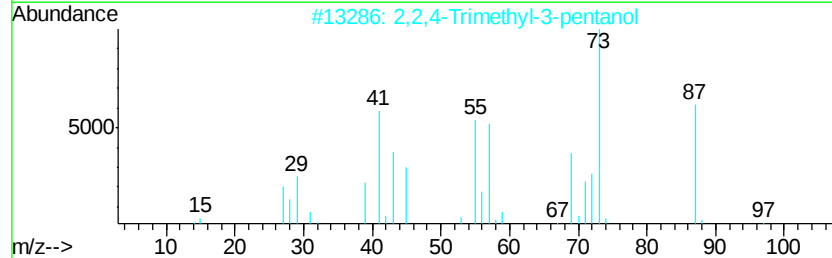
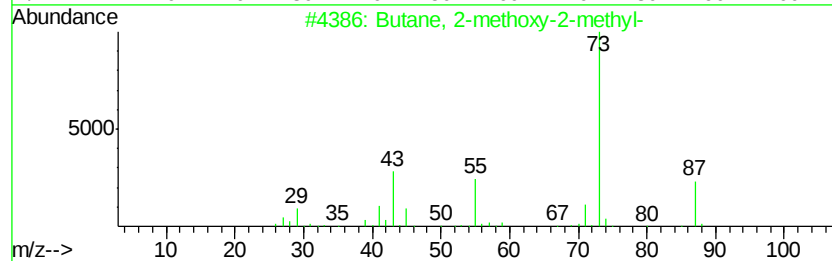
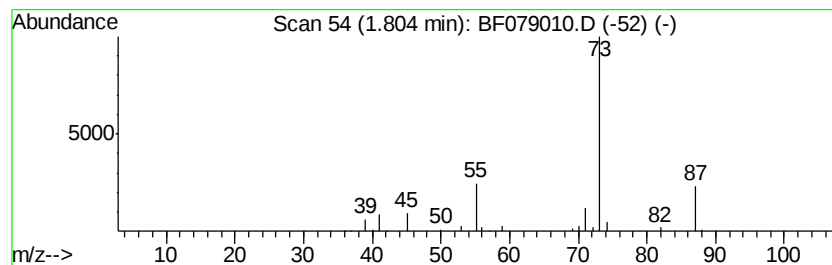
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.80	7.38 ng	135998	1,4-Dichlorobenzene-d4	7.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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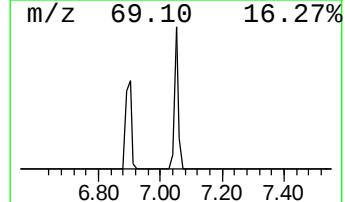
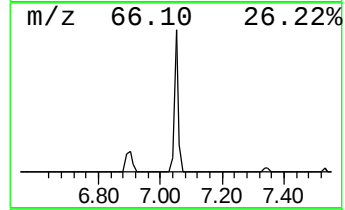
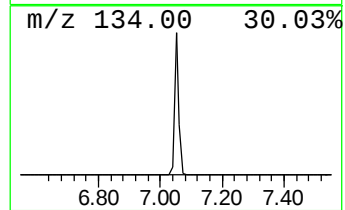
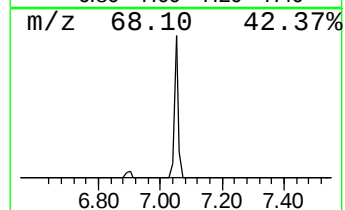
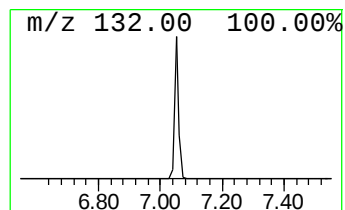
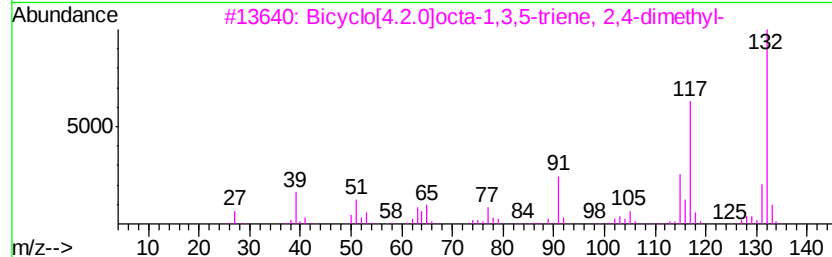
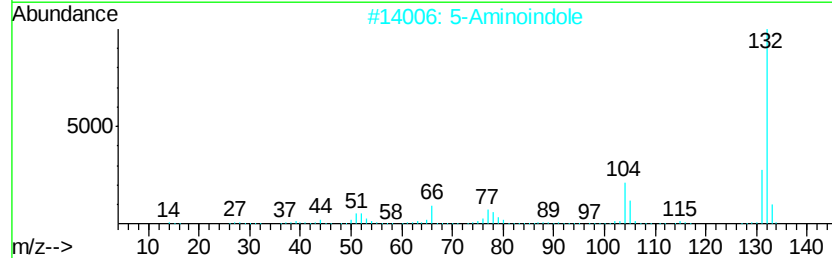
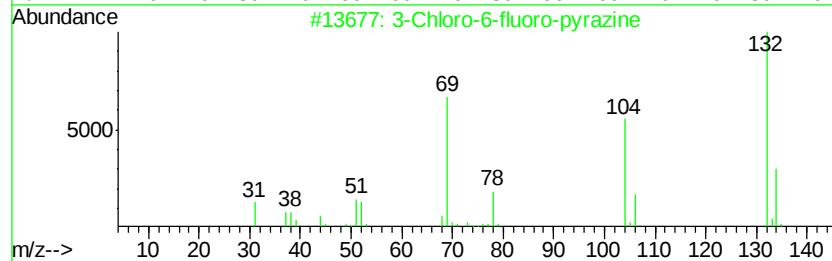
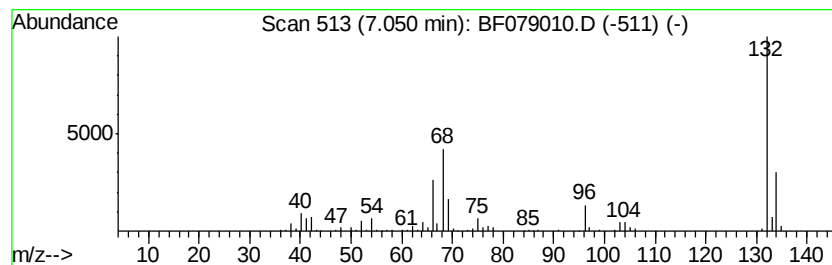
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown7.05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	16.34 ng	301201	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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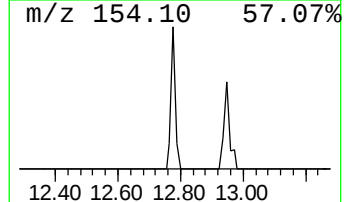
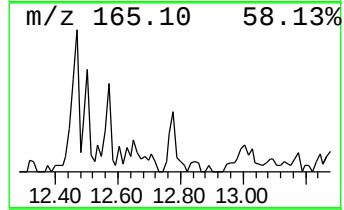
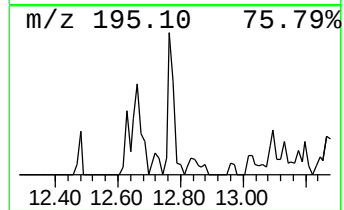
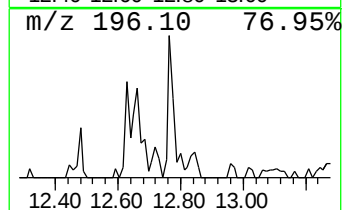
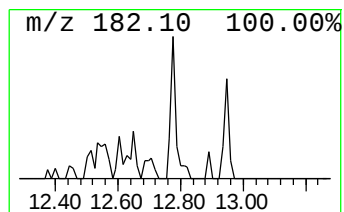
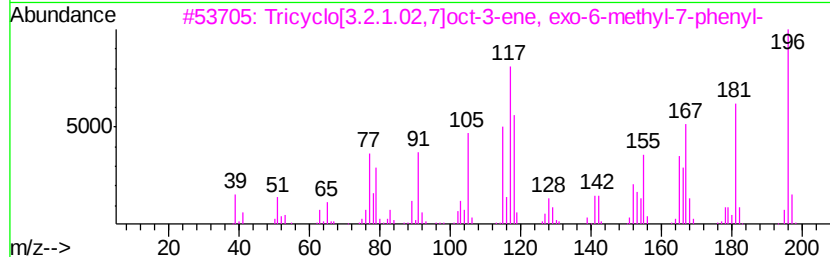
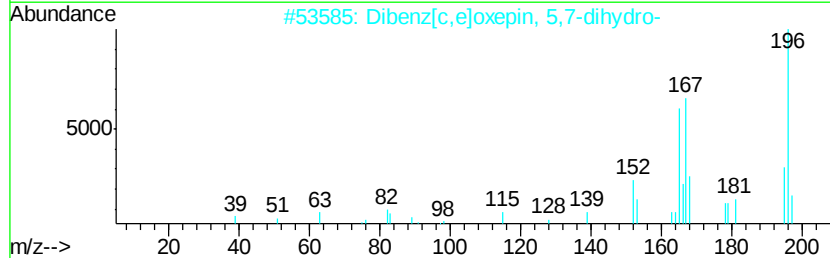
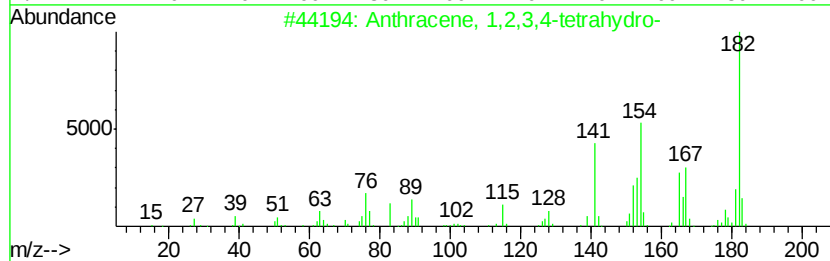
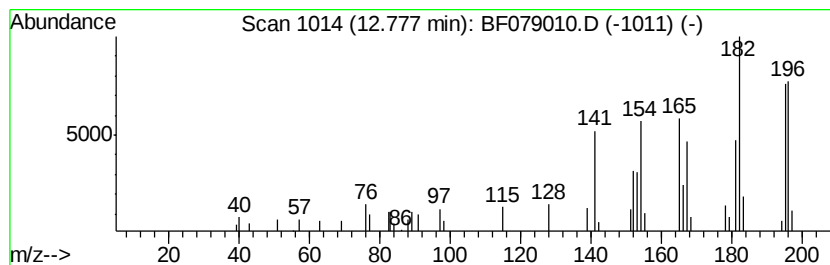
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.78	2.06 ng	68539	Phenanthrene-d10	12.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	87
2		Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	42
3		Tricyclo[3.2.1.0 ^{2,7}]oct-3-ene, e...	196	C15H16	1000142-97-8	38
4		9H-Fluorene, 2-methoxy-	196	C14H12O	002523-46-8	35
5		Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	30



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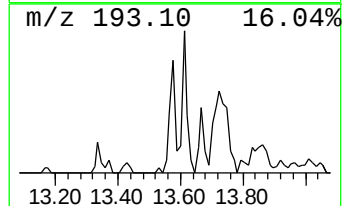
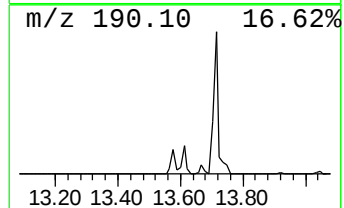
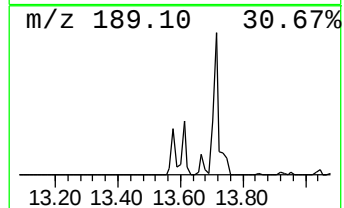
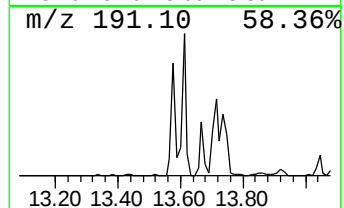
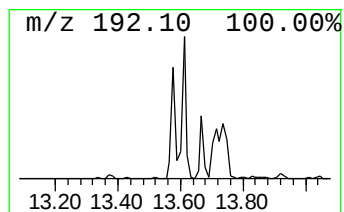
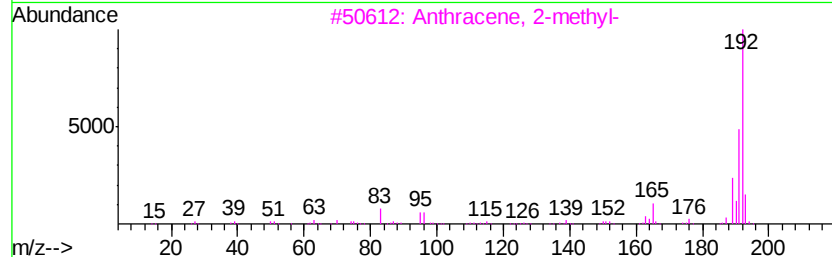
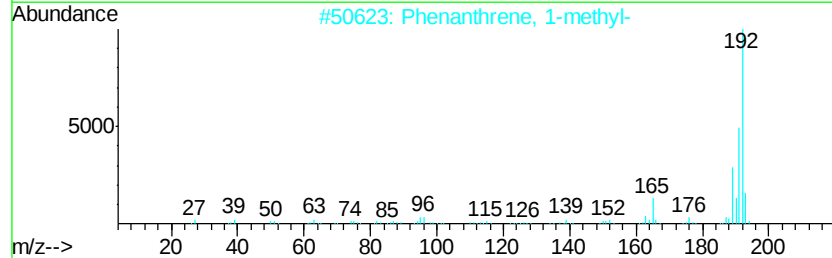
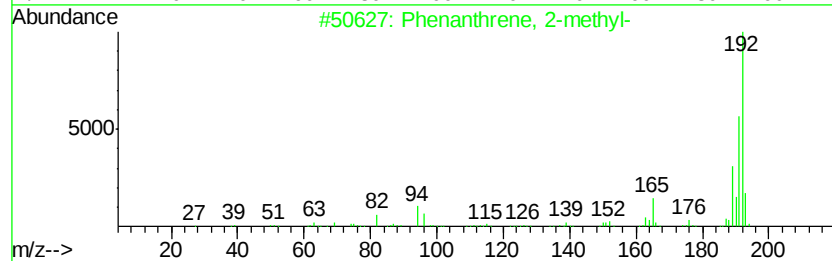
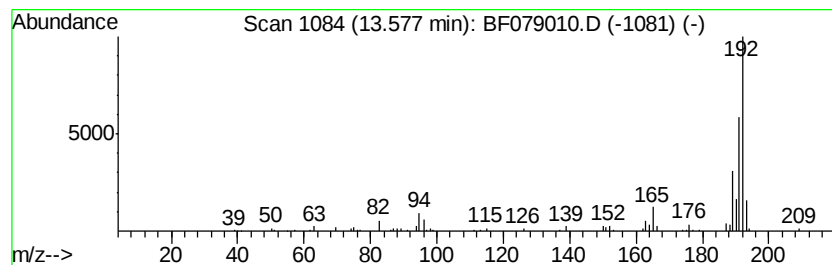
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	4.17 ng	138755	Phenanthrene-d10	12.95

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	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079010.D
Acq On : 7 May 2015 22:01
Operator : TP/IZ
Sample : G2116-11 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-45S

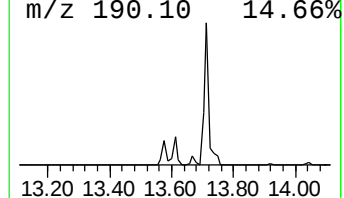
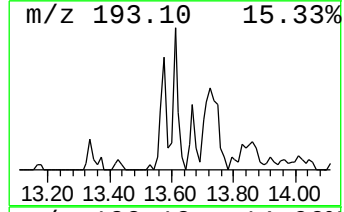
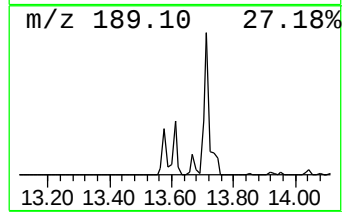
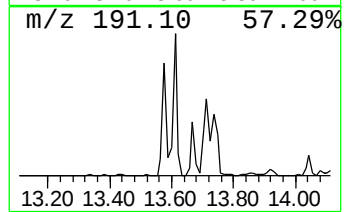
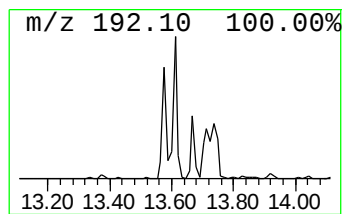
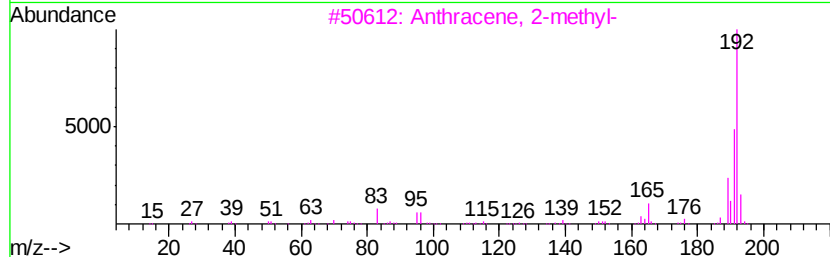
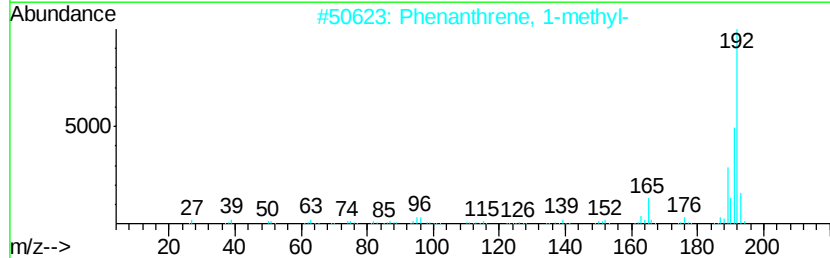
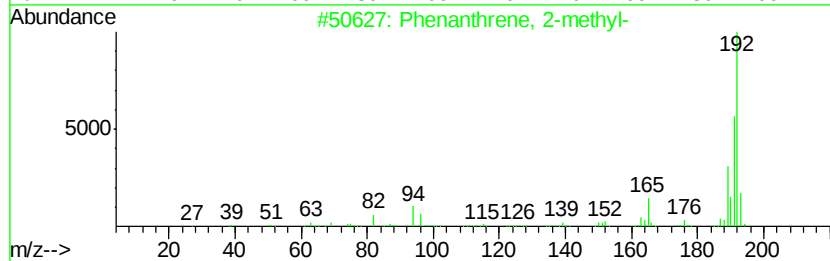
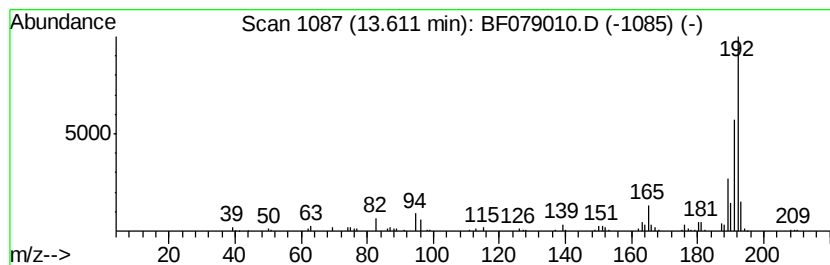
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	5.61 ng	186408	Phenanthrene-d10	12.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
Data File : BF079010.D
Acq On : 7 May 2015 22:01
Operator : TP/IZ
Sample : G2116-11 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-45S

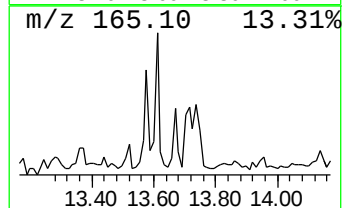
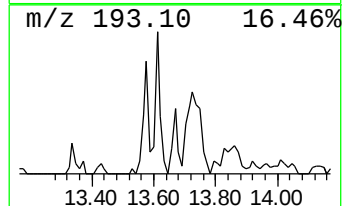
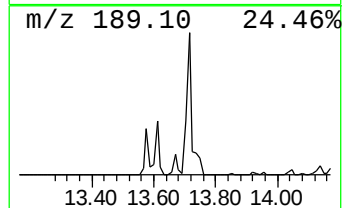
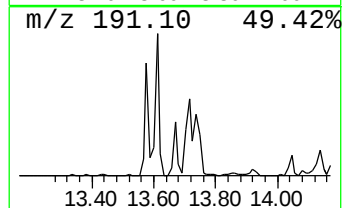
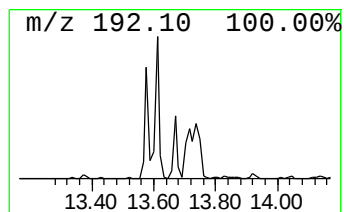
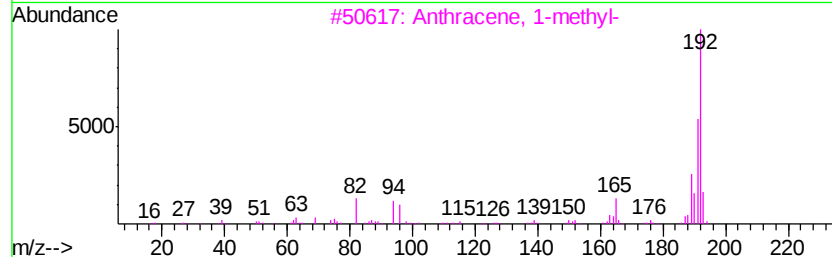
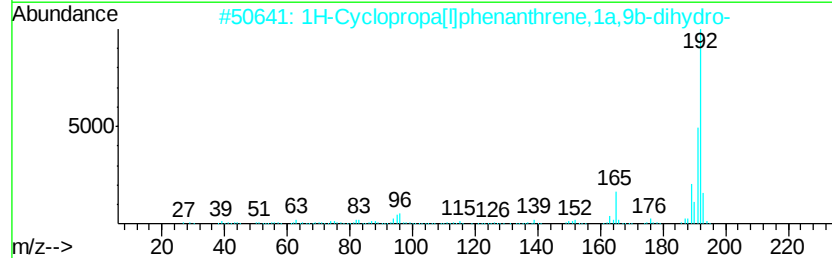
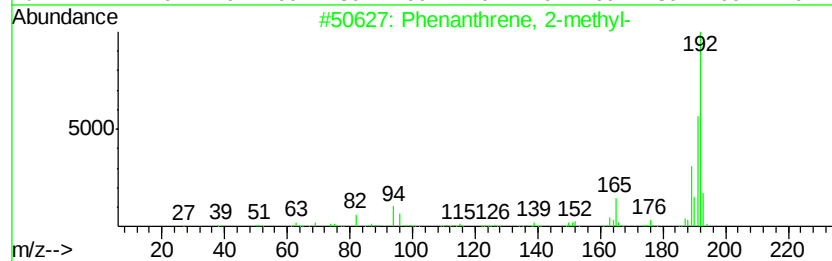
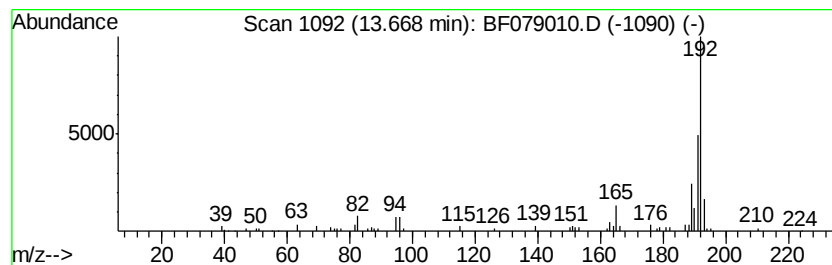
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.34 ng	77725	Phenanthrene-d10	12.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
Data File : BF079010.D
Acq On : 7 May 2015 22:01
Operator : TP/IZ
Sample : G2116-11 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-45S

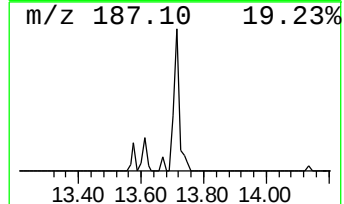
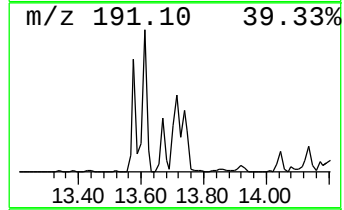
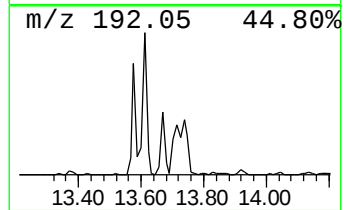
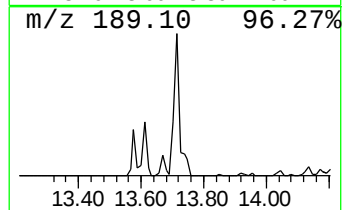
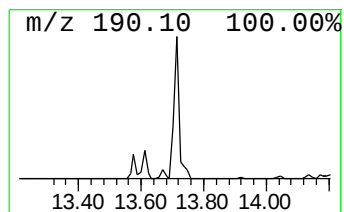
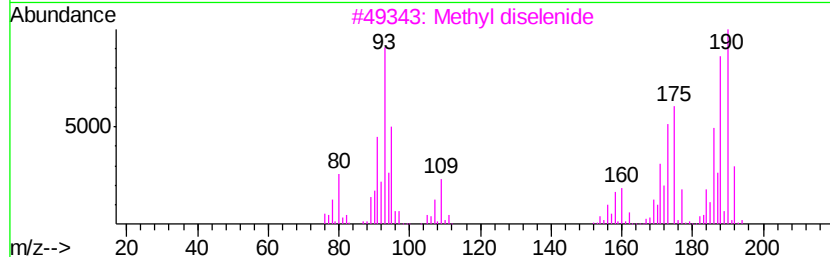
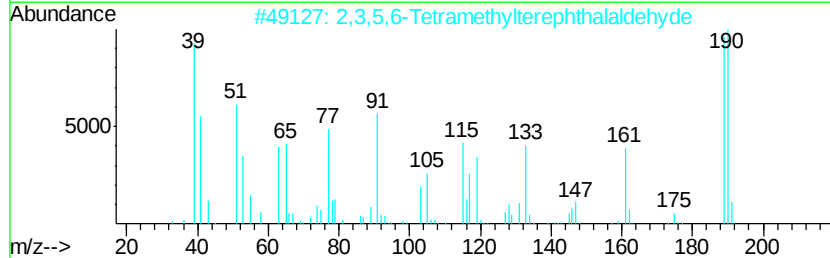
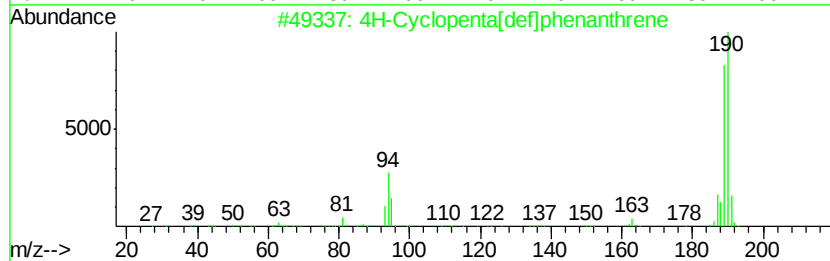
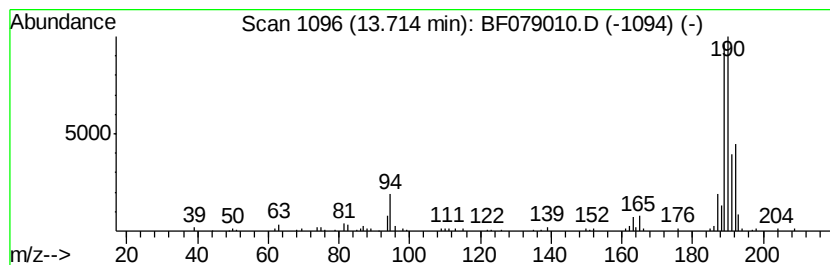
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	7.08 ng	235319	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3		Methyl diselenide	190	C2H6Se2	007101-31-7	41
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
Data File : BF079010.D
Acq On : 7 May 2015 22:01
Operator : TP/IZ
Sample : G2116-11 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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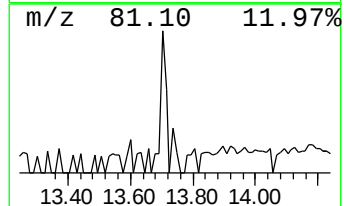
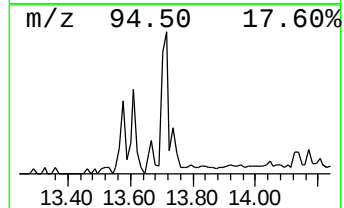
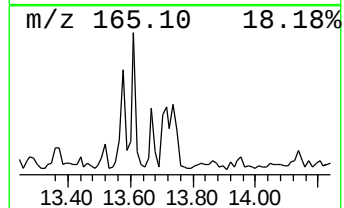
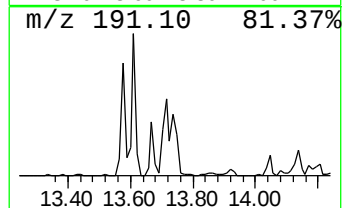
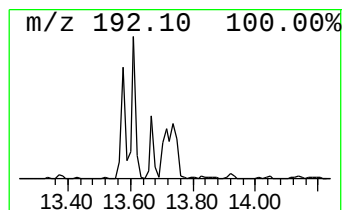
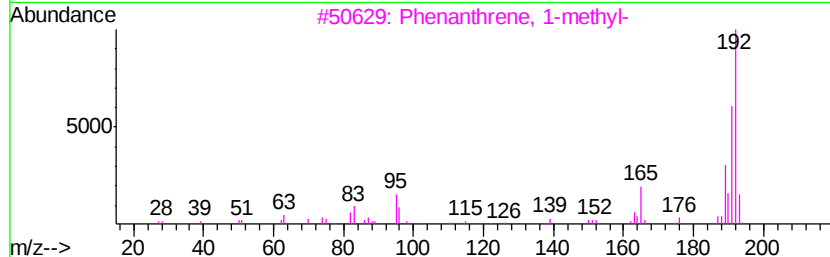
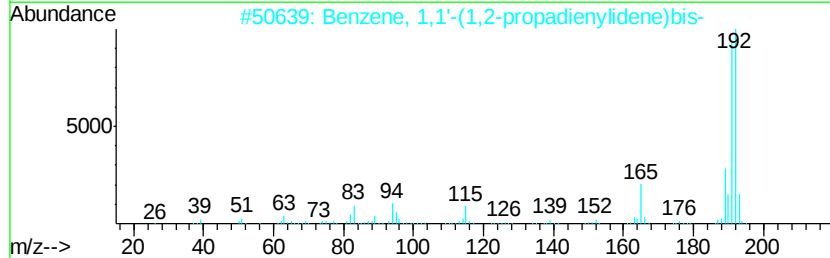
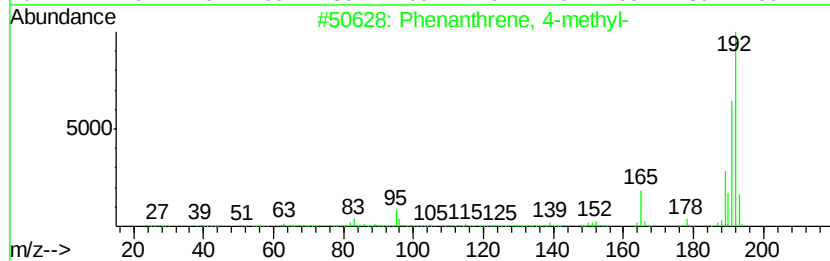
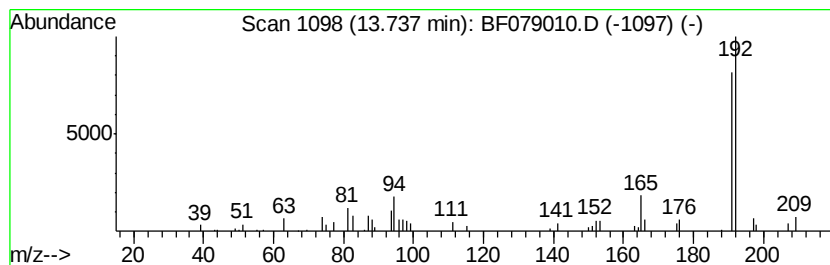
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.59 ng	85937	Phenanthrene-d10	12.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
2			Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	72
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
5			8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
Data File : BF079010.D
Acq On : 7 May 2015 22:01
Operator : TP/IZ
Sample : G2116-11 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-45S

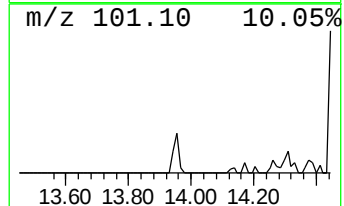
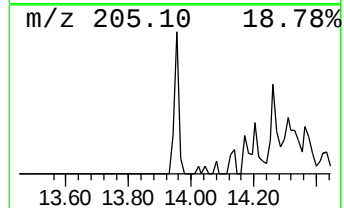
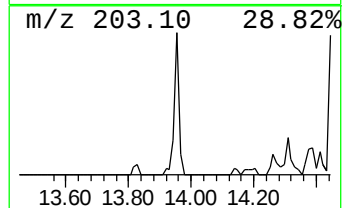
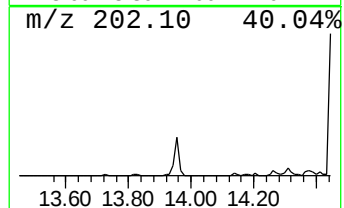
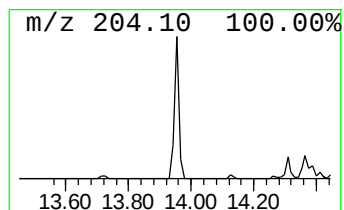
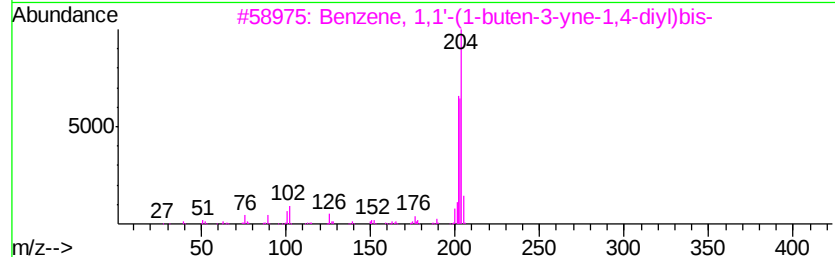
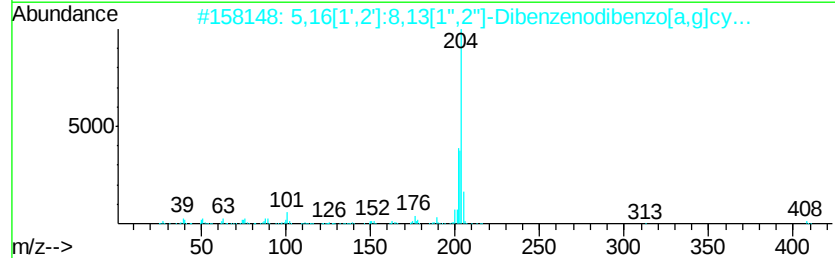
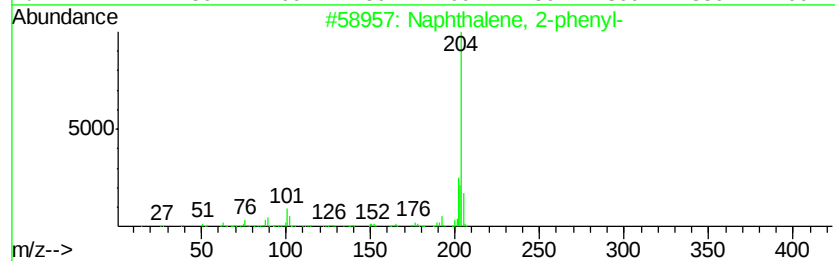
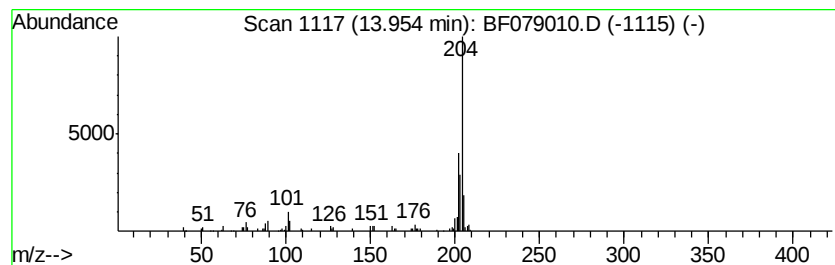
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.28 ng	142091	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079010.D
Acq On : 7 May 2015 22:01
Operator : TP/IZ
Sample : G2116-11 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-45S

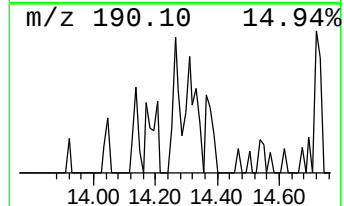
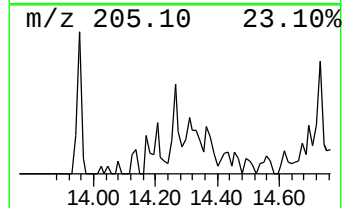
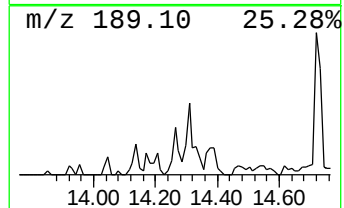
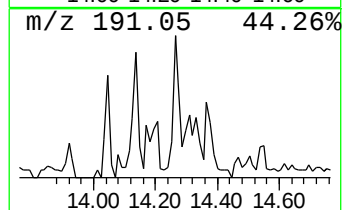
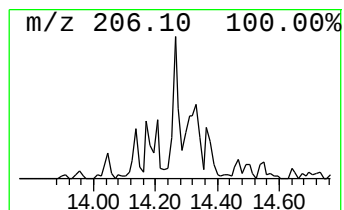
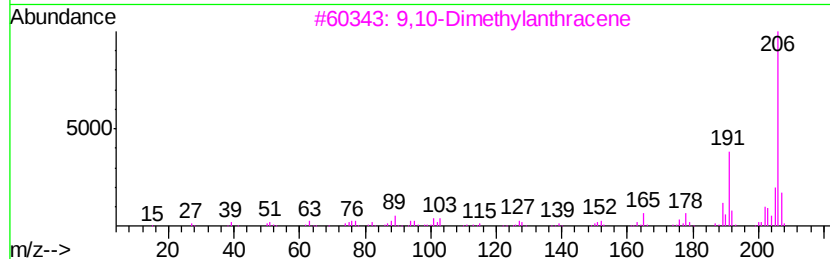
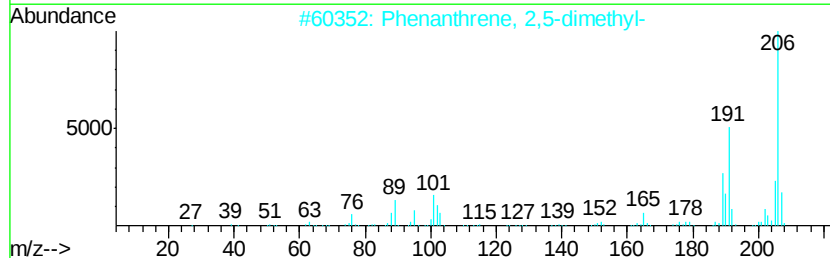
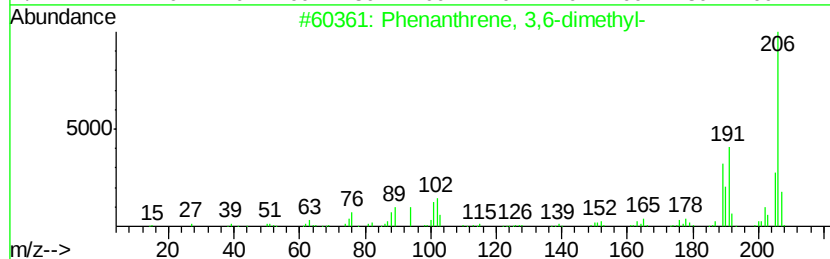
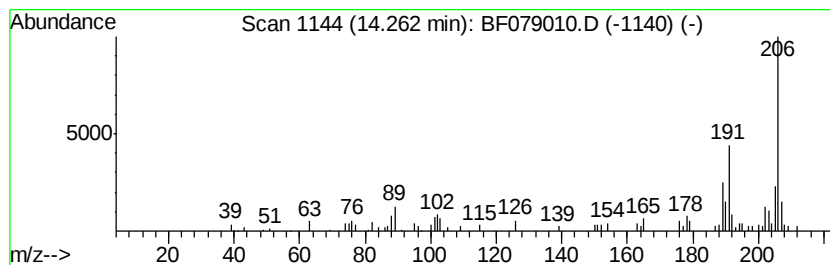
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	2.63 ng	87291	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079010.D
Acq On : 7 May 2015 22:01
Operator : TP/IZ
Sample : G2116-11 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-45S

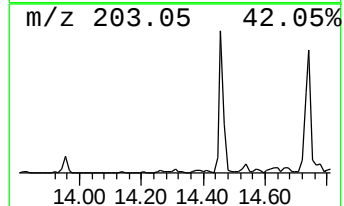
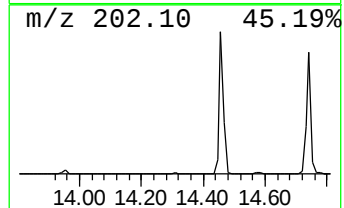
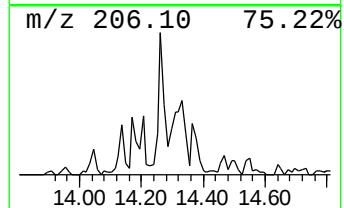
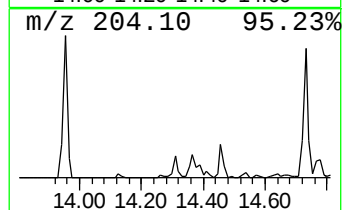
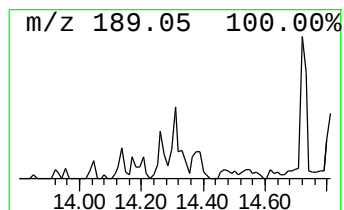
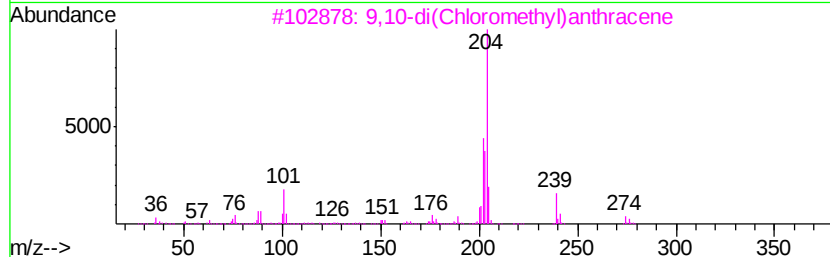
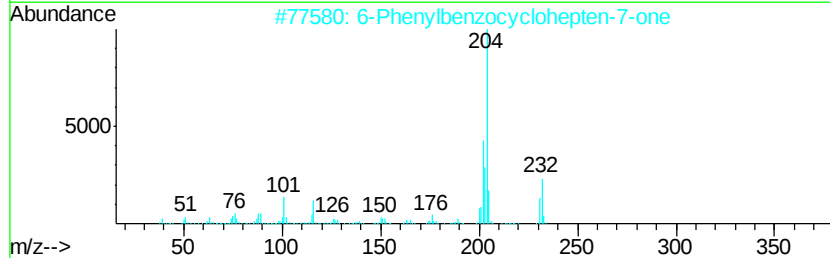
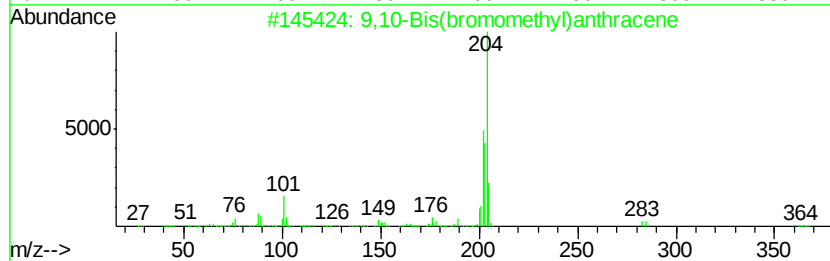
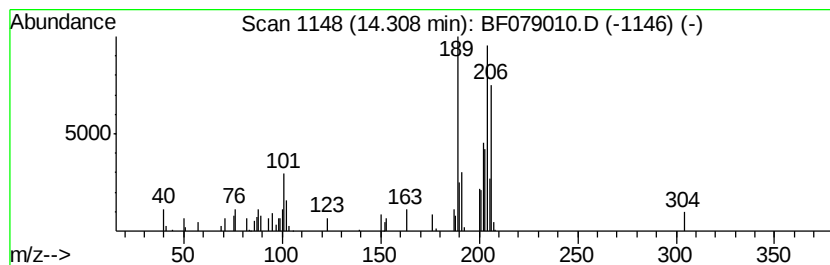
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.31 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	2.15 ng	71386	Phenanthrene-d10	12.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
2			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	35
3			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
5			2,1,3-Benzoxazole, 5,6-dichloro-...	204	C6H2Cl2N2O2	004701-01-3	30



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ALS Vial : 21 Sample Multiplier: 1

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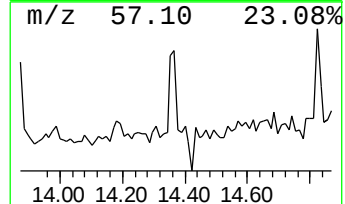
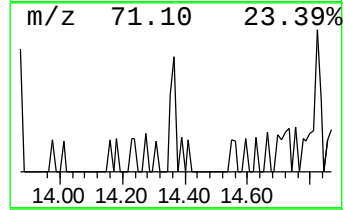
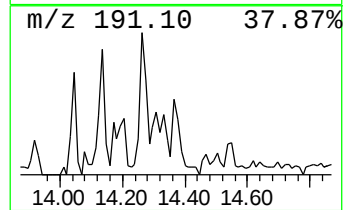
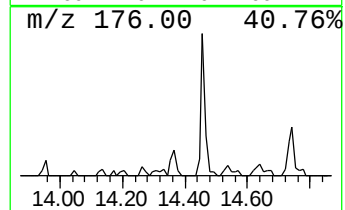
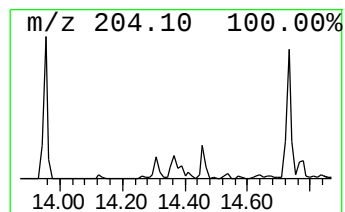
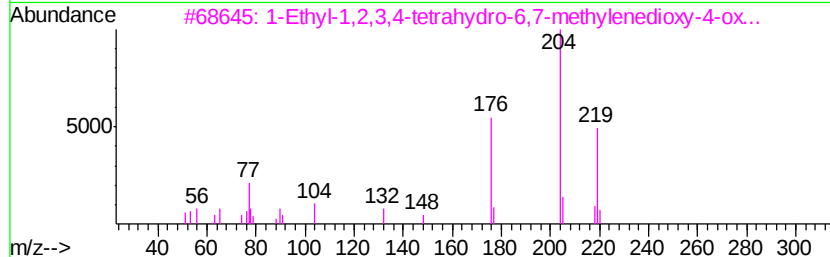
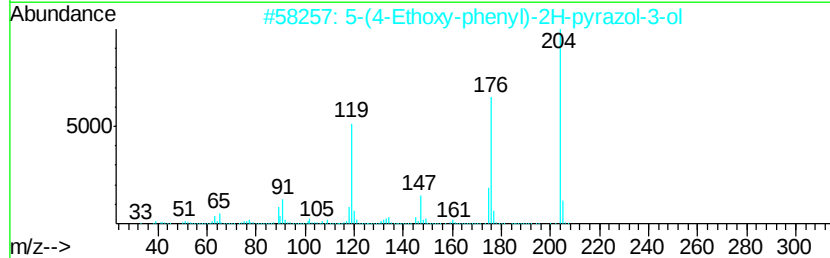
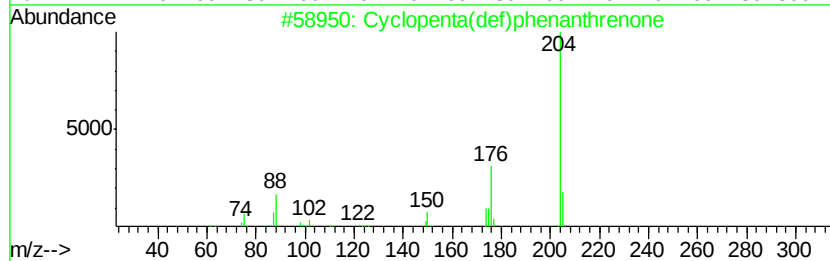
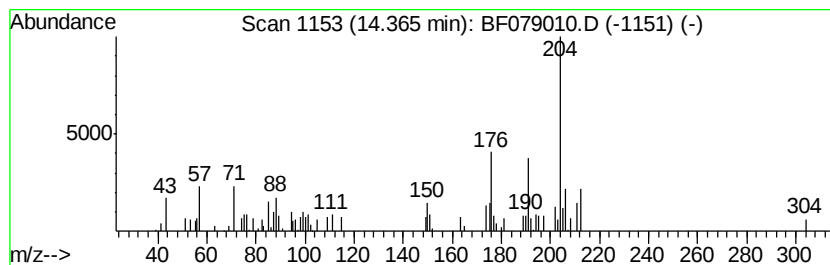
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.05 ng	68241	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	47
3		1-Ethyl-1,2,3,4-tetrahydro-6,7-m...	219	C12H13N03	132767-88-5	47
4		4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	38
5		Tetrathiafulvalene	204	C6H4S4	031366-25-3	38



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ALS Vial : 21 Sample Multiplier: 1

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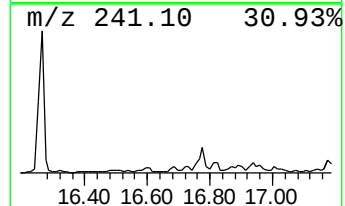
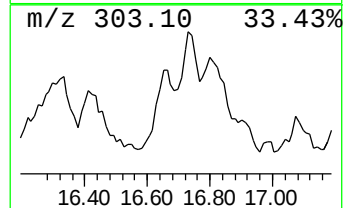
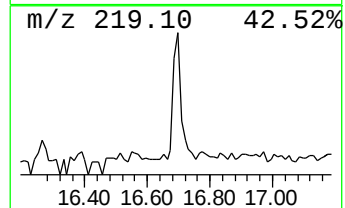
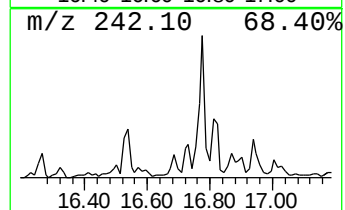
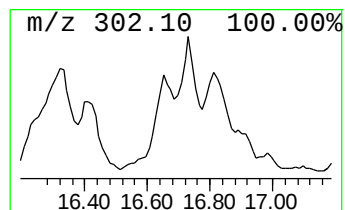
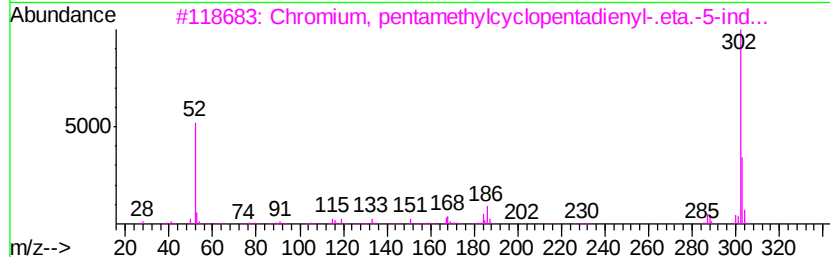
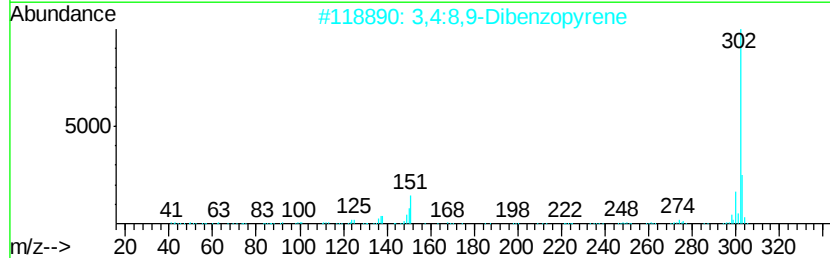
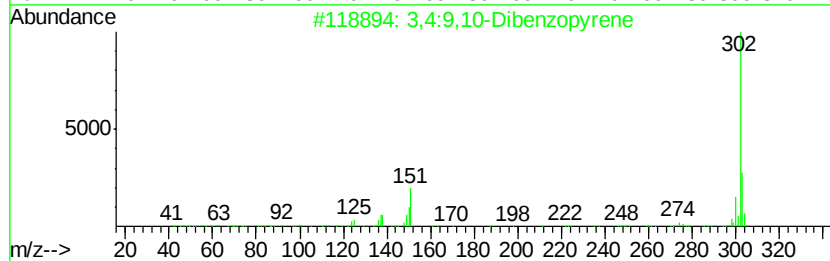
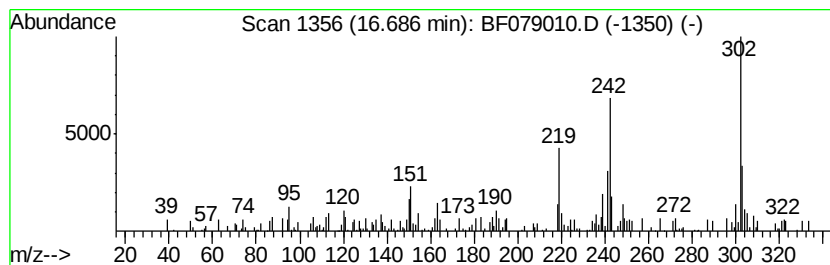
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,4:9,10-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	3.17 ng	197931	Chrysene-d12	16.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	56
2			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	42
3			Chromium, pentamethylcyclopentadienyl...	302	C19H22Cr	1000158-08-1	38
4			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	30
5			Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	27



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Misc :
ALS Vial : 21 Sample Multiplier: 1

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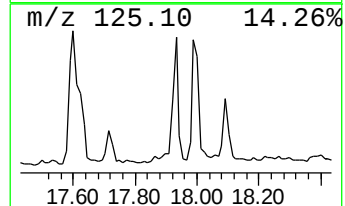
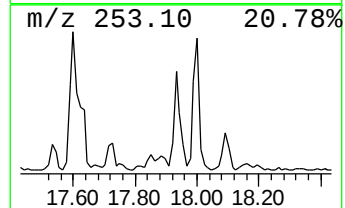
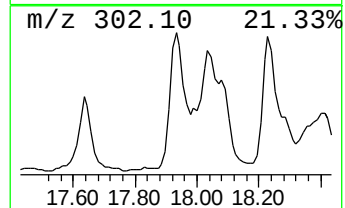
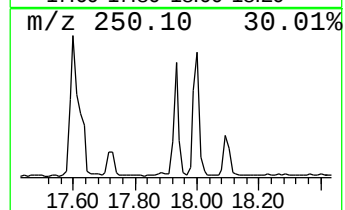
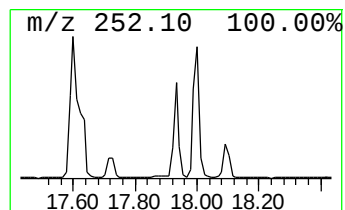
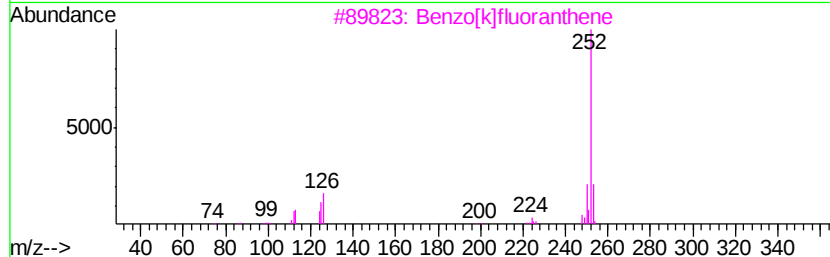
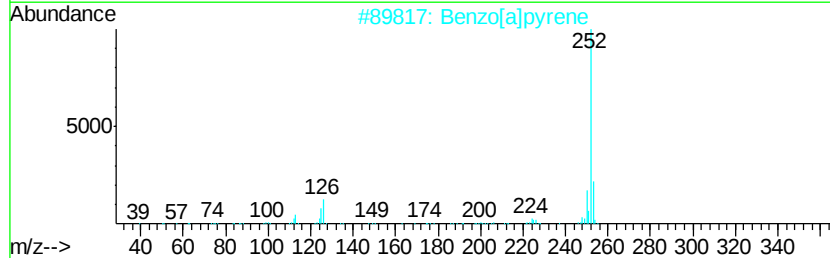
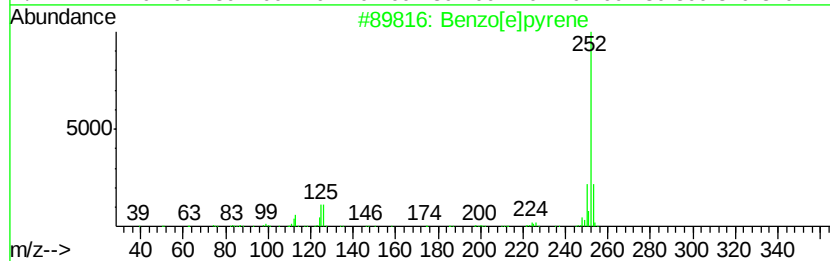
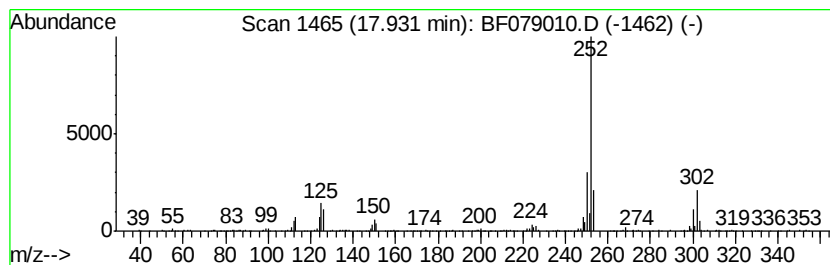
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	12.39 ng	439026	Perylene-d12	18.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4		Perylene	252	C20H12	000198-55-0	96
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
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 Sample : G2116-11 5X
 Misc :
 ALS Vial : 21 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
Propane, 2,2-dime...	1.48	57.0	ng	1051740	1	7.35	368718	20.0
Butane, 2-methoxy...	1.80	7.4	ng	135998	1	7.35	368718	20.0
unknown7.05	7.05	16.3	ng	301201	1	7.35	368718	20.0
Anthracene, 1,2,3...	12.78	2.1	ng	68539	4	12.95	664704	20.0
Phenanthrene, 2-m...	13.58	4.2	ng	138755	4	12.95	664704	20.0
Phenanthrene, 1-m...	13.61	5.6	ng	186408	4	12.95	664704	20.0
1H-Cyclopropa[1]p...	13.67	2.3	ng	77725	4	12.95	664704	20.0
4H-Cyclopenta[def...	13.71	7.1	ng	235319	4	12.95	664704	20.0
Phenanthrene, 4-m...	13.74	2.6	ng	85937	4	12.95	664704	20.0
Naphthalene, 2-ph...	13.95	4.3	ng	142091	4	12.95	664704	20.0
Phenanthrene, 3,6...	14.26	2.6	ng	87291	4	12.95	664704	20.0
unknown14.31	14.31	2.1	ng	71386	4	12.95	664704	20.0
Cyclopenta(def)ph...	14.37	2.0	ng	68241	4	12.95	664704	20.0
3,4:9,10-Dibenzop...	16.69	3.2	ng	197931	5	16.26	1249800	20.0
Benzo[e]pyrene	17.93	12.4	ng	439026	6	18.07	708411	20.0