

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
 Data File : BF079009.D
 Acq On : 7 May 2015 21:32
 Operator : TP/IZ
 Sample : G2116-12 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-44S

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	1.473	23	25	28	rVB	728099	911138	12.32%	1.627%
2	1.621	36	38	49	rVB	136449	335390	4.54%	0.599%
3	1.884	60	61	108	rVB	3056640	7392753	100.00%	13.199%
4	5.644	387	390	392	rBV	242595	290526	3.93%	0.519%
5	6.902	497	500	502	rBV	225583	324332	4.39%	0.579%
6	7.050	511	513	516	rBV	362387	327886	4.44%	0.585%
7	7.336	536	538	541	rBV	251528	333825	4.52%	0.596%
8	7.530	552	555	557	rBV	243410	238749	3.23%	0.426%
9	8.033	596	599	601	rBV	172738	180566	2.44%	0.322%
10	8.913	674	676	678	rBV	359321	508398	6.88%	0.908%
11	10.262	792	794	796	rBV	479212	410725	5.56%	0.733%
12	10.674	827	830	832	rBV	65341	75306	1.02%	0.134%
13	10.925	849	852	854	rVB	101581	127294	1.72%	0.227%
14	11.096	864	867	869	rBV	630041	612395	8.28%	1.093%
15	11.131	869	870	873	rVV	238975	275006	3.72%	0.491%
16	11.348	887	889	892	rVB	193946	218444	2.95%	0.390%
17	11.782	924	927	929	rVV3	227389	311115	4.21%	0.555%
18	11.862	931	934	935	rVV	57392	94823	1.28%	0.169%
19	11.976	942	944	948	rVV2	123500	150666	2.04%	0.269%
20	12.079	950	953	956	rVV	375387	461495	6.24%	0.824%
21	12.239	965	967	972	rVB3	42496	78181	1.06%	0.140%
22	12.468	982	987	988	rBV2	64278	146796	1.99%	0.262%
23	12.628	997	1001	1002	rBV2	97682	130416	1.76%	0.233%
24	12.708	1006	1008	1011	rVB	122074	158219	2.14%	0.282%
25	12.765	1011	1013	1015	rBV2	111585	163200	2.21%	0.291%
26	12.811	1015	1017	1022	rVB	177072	243592	3.30%	0.435%
27	12.948	1026	1029	1030	rBV	598871	721002	9.75%	1.287%
28	12.982	1030	1032	1034	rVV	2327825	3051273	41.27%	5.448%
29	13.039	1034	1037	1039	rVV	882499	875650	11.84%	1.563%
30	13.085	1039	1041	1044	rVV2	78857	97316	1.32%	0.174%
31	13.211	1050	1052	1053	rBV	77072	82908	1.12%	0.148%
32	13.245	1053	1055	1056	rVV	247316	255945	3.46%	0.457%
33	13.268	1056	1057	1061	rVV3	40863	83779	1.13%	0.150%
34	13.325	1061	1062	1064	rVV2	77161	78612	1.06%	0.140%

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

35	13.359	1064	1065	1067	rVB2	74984	79625	1.08%	0.142%
36	13.577	1081	1084	1085	rVV	391998	406657	5.50%	0.726%
37	13.611	1085	1087	1090	rVB	591206	591076	8.00%	1.055%
38	13.668	1090	1092	1094	rBV	295235	295074	3.99%	0.527%
39	13.714	1094	1096	1097	rVV	526594	715399	9.68%	1.277%
40	13.954	1115	1117	1121	rVB2	294818	521413	7.05%	0.931%
41	14.045	1121	1125	1127	rBV4	34081	82804	1.12%	0.148%
42	14.137	1129	1133	1135	rBV2	98371	164095	2.22%	0.293%
43	14.205	1137	1139	1140	rVB	69922	89500	1.21%	0.160%
44	14.262	1142	1144	1146	rBV	225751	303527	4.11%	0.542%
45	14.308	1146	1148	1151	rVV2	132824	277160	3.75%	0.495%
46	14.365	1151	1153	1158	rVB	221210	346504	4.69%	0.619%
47	14.457	1158	1161	1164	rBV	2983042	4012475	54.28%	7.164%
48	14.537	1166	1168	1169	rBV	97628	123661	1.67%	0.221%
49	14.571	1169	1171	1173	rVB2	66396	95005	1.29%	0.170%
50	14.640	1173	1177	1179	rBV2	206433	330301	4.47%	0.590%
51	14.742	1183	1186	1188	rVV	3302782	4185693	56.62%	7.473%
52	14.800	1188	1191	1197	rVB2	127252	304290	4.12%	0.543%
53	14.891	1197	1199	1201	rBV	209243	268055	3.63%	0.479%
54	14.937	1201	1203	1207	rVB	623698	788744	10.67%	1.408%
55	15.017	1207	1210	1212	rBV2	219103	470671	6.37%	0.840%
56	15.154	1220	1222	1224	rVB	446264	542152	7.33%	0.968%
57	15.211	1224	1227	1228	rBV2	54670	121882	1.65%	0.218%
58	15.234	1228	1229	1231	rVB	188494	245299	3.32%	0.438%
59	15.280	1231	1233	1235	rBV	427661	546057	7.39%	0.975%
60	15.325	1235	1237	1238	rVB	59440	79648	1.08%	0.142%
61	15.394	1241	1243	1245	rVB	201552	200929	2.72%	0.359%
62	15.440	1245	1247	1248	rBV	158045	217284	2.94%	0.388%
63	15.531	1253	1255	1258	rBV3	94043	176982	2.39%	0.316%
64	15.668	1262	1267	1268	rBV3	93113	272707	3.69%	0.487%
65	15.783	1275	1277	1281	rVB	237213	333335	4.51%	0.595%
66	15.920	1286	1289	1291	rBV2	260144	414800	5.61%	0.741%
67	15.965	1291	1293	1296	rVV2	295592	512825	6.94%	0.916%
68	16.045	1299	1300	1303	rVB	251204	313615	4.24%	0.560%
69	16.114	1303	1306	1307	rBV3	77398	141092	1.91%	0.252%
70	16.240	1312	1317	1319	rVV2	1674686	3413995	46.18%	6.095%
71	16.274	1319	1320	1322	rVV	1429613	1664104	22.51%	2.971%

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72	16.377	1325	1329	1330	rBV2	245405	400481	5.42%	0.715%
73	16.423	1330	1333	1334	rVV2	88199	207085	2.80%	0.370%
74	16.491	1337	1339	1342	rVV3	120020	241631	3.27%	0.431%
75	16.537	1342	1343	1345	rVB	147355	141458	1.91%	0.253%
76	16.663	1351	1354	1355	rBV3	90139	171608	2.32%	0.306%
77	16.697	1355	1357	1358	rVV	117639	137630	1.86%	0.246%
78	16.743	1358	1361	1363	rVB	347206	447034	6.05%	0.798%
79	16.777	1363	1364	1367	rVB	115649	156158	2.11%	0.279%
80	16.857	1370	1371	1373	rVB	160243	128121	1.73%	0.229%
81	16.891	1373	1374	1375	rBV	97831	123205	1.67%	0.220%
82	17.006	1382	1384	1387	rVB2	93542	124458	1.68%	0.222%
83	17.131	1393	1395	1397	rBV	149274	207111	2.80%	0.370%
84	17.531	1427	1430	1436	rBV	1348045	3295521	44.58%	5.884%
85	17.646	1439	1440	1442	rVB	300480	325200	4.40%	0.581%
86	17.691	1442	1444	1447	rBV4	67937	155298	2.10%	0.277%
87	17.851	1456	1458	1461	rBV	823967	1054228	14.26%	1.882%
88	17.920	1461	1464	1467	rVB	1405672	1719345	23.26%	3.070%
89	17.989	1467	1470	1471	rBV	486000	776672	10.51%	1.387%
90	19.486	1598	1601	1607	rVB2	520140	1179722	15.96%	2.106%
91	19.680	1615	1618	1620	rBV	1444406	290731	3.93%	0.519%
92	19.943	1637	1641	1649	rVB	409588	945055	12.78%	1.687%
93	20.172	1659	1661	1670	rVB2	149208	384780	5.20%	0.687%

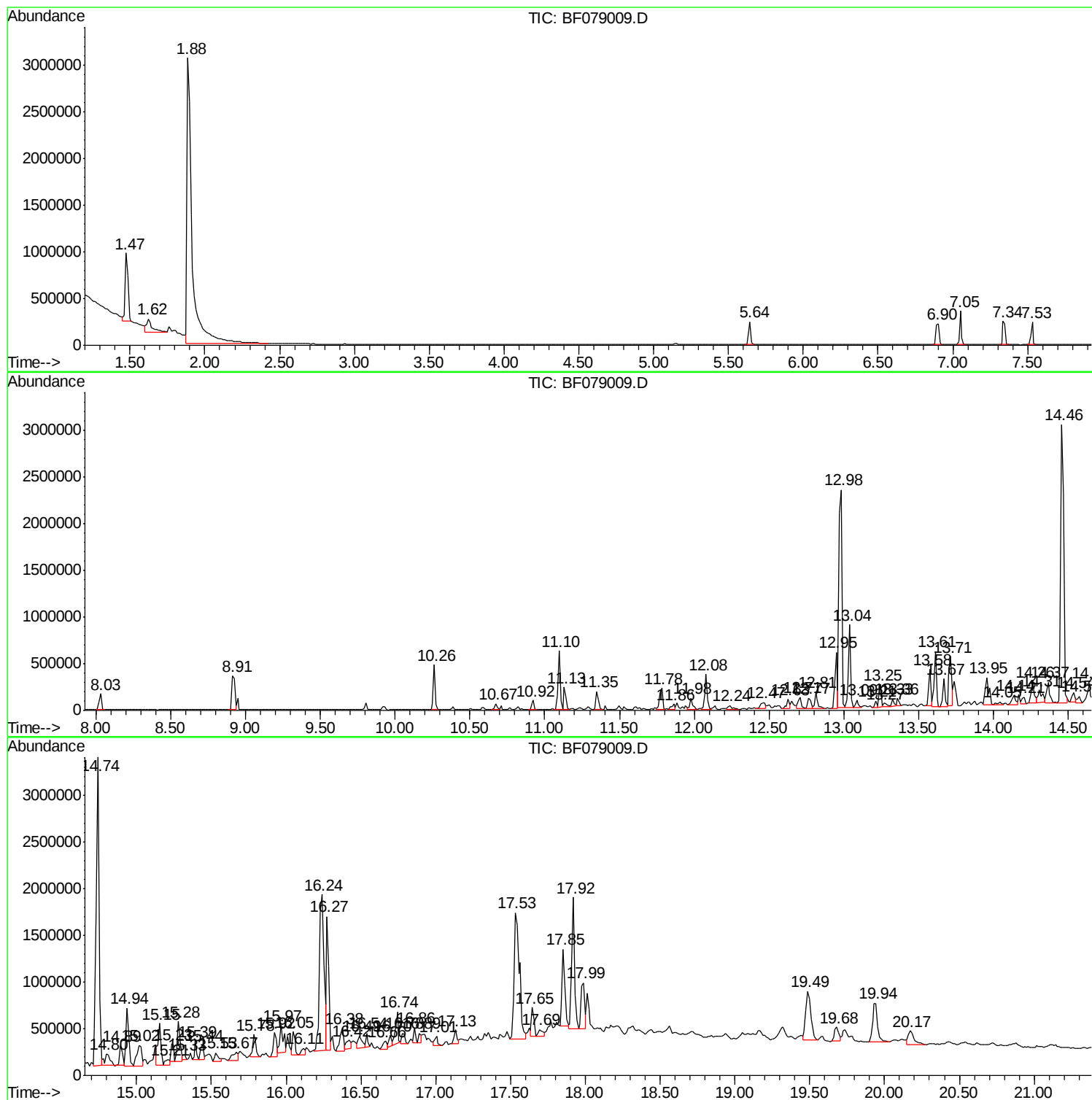
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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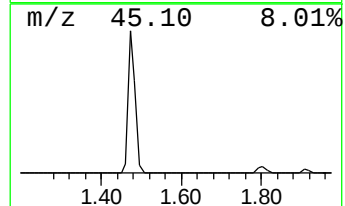
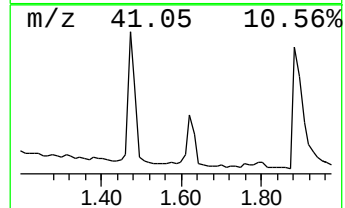
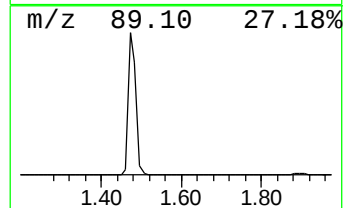
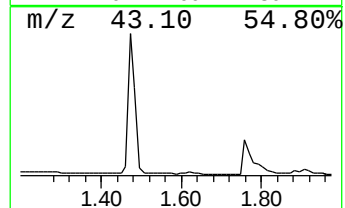
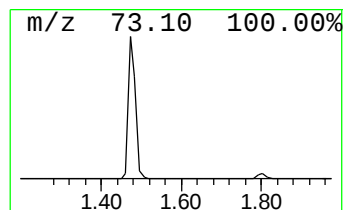
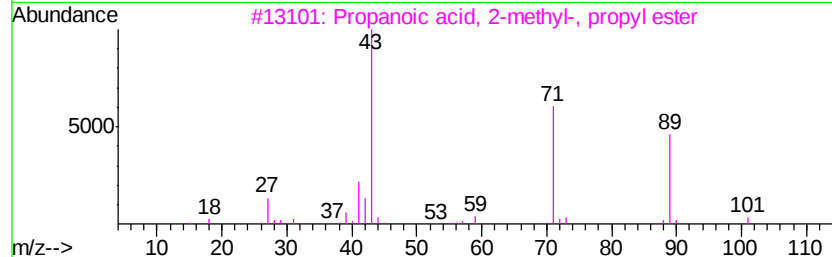
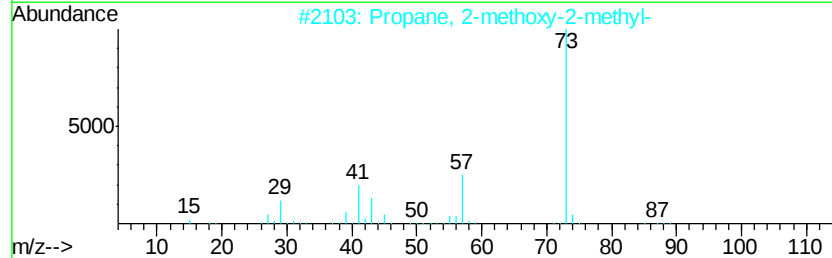
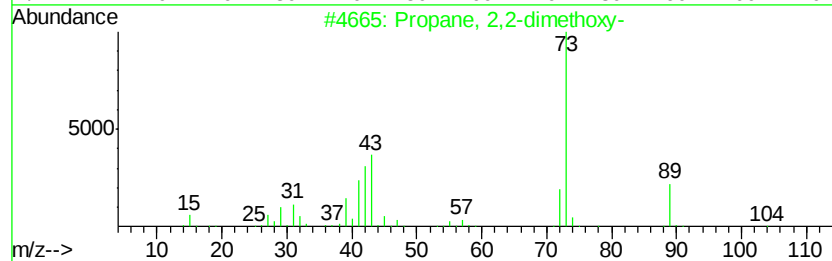
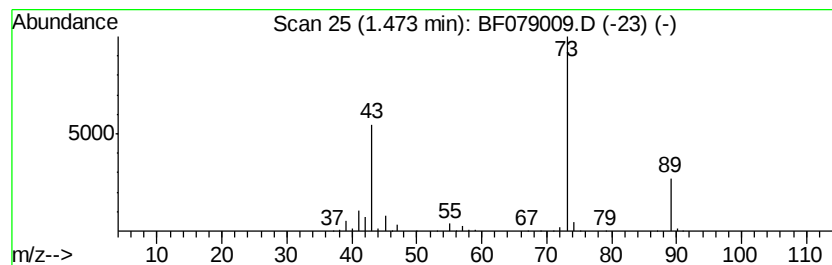
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
1.47	54.59 ng	911138	1,4-Dichlorobenzene-d4	7.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2			Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3			Propanoic acid, 2-methyl-, propyl...	130	C7H14O2	000644-49-5	9
4			1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5			Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7



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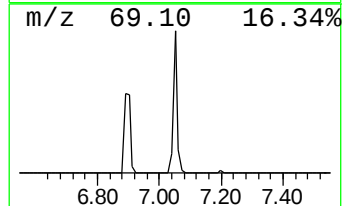
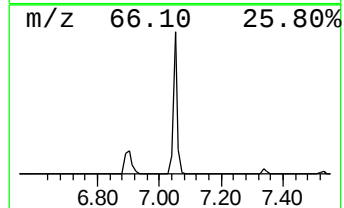
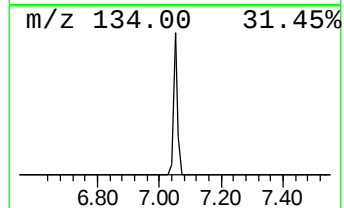
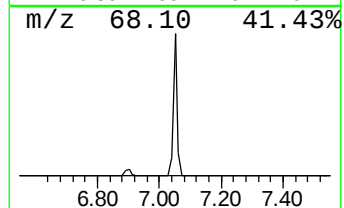
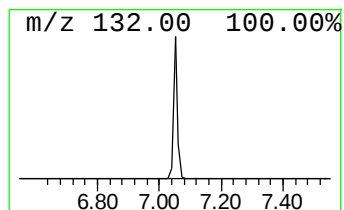
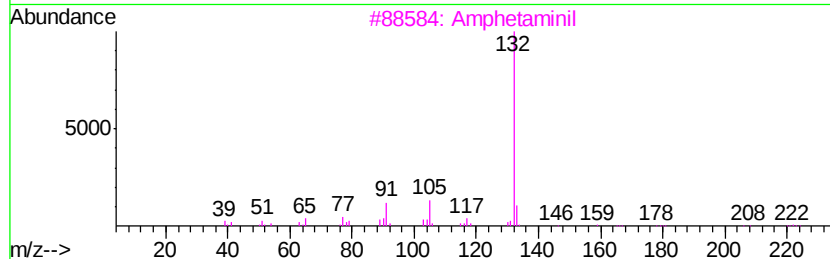
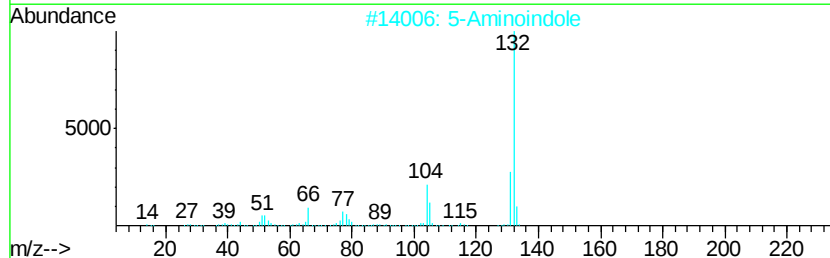
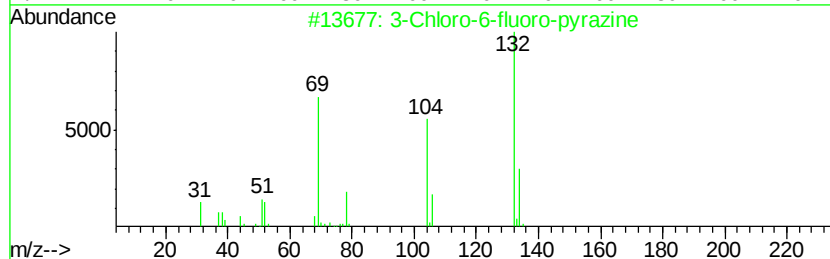
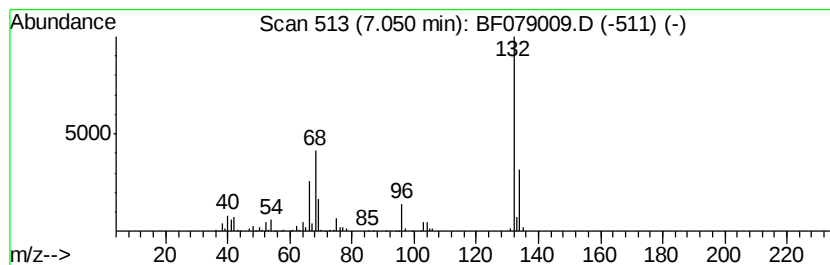
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	19.64 ng	327886	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Amphetaminil	250	C17H18N2	017590-01-1	10	
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10	
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	



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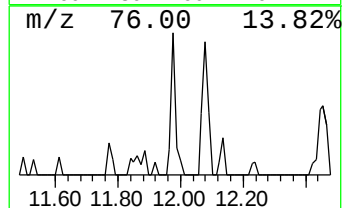
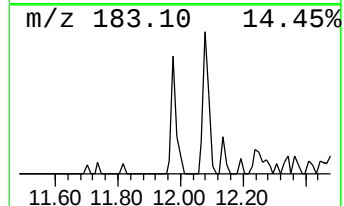
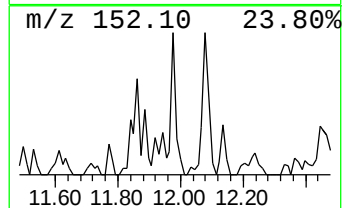
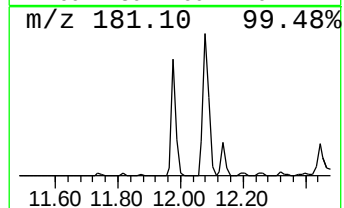
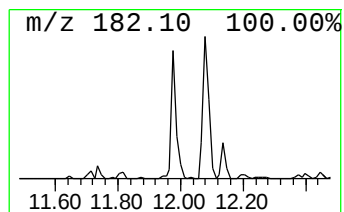
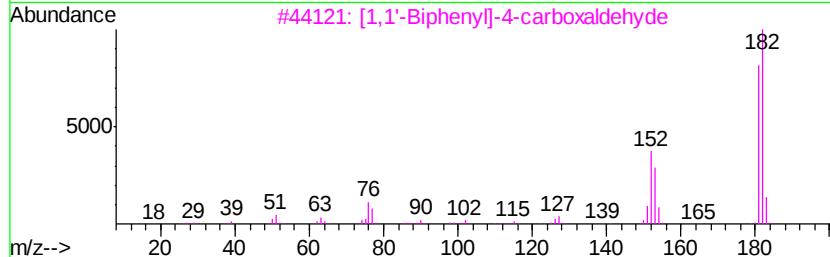
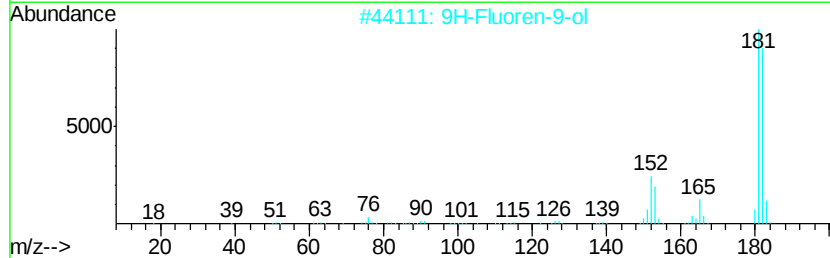
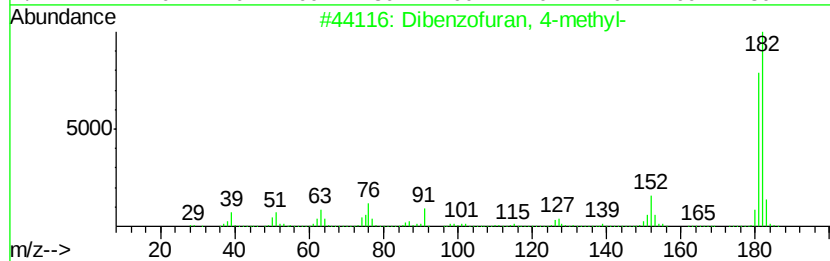
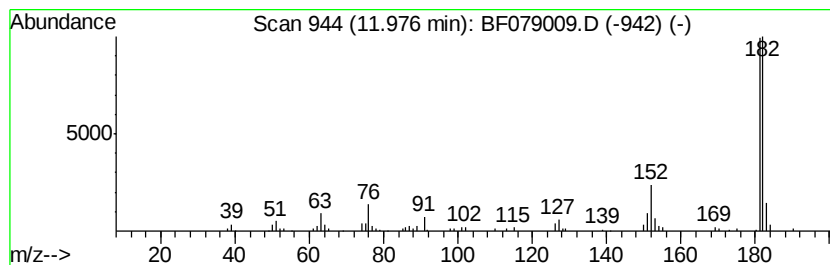
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.92 ng	150666	Acenaphthene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5		2-Hydroxyfluorene	182	C13H10O	002443-58-5	64



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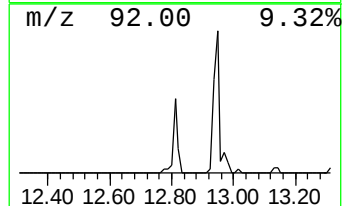
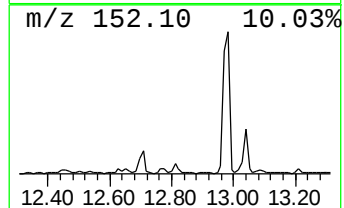
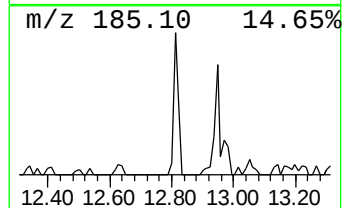
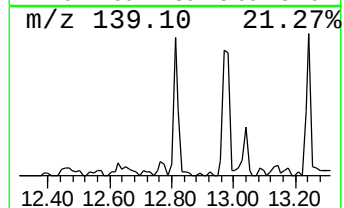
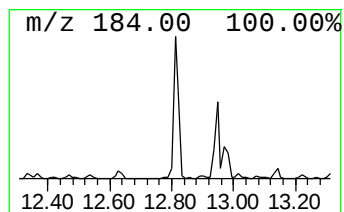
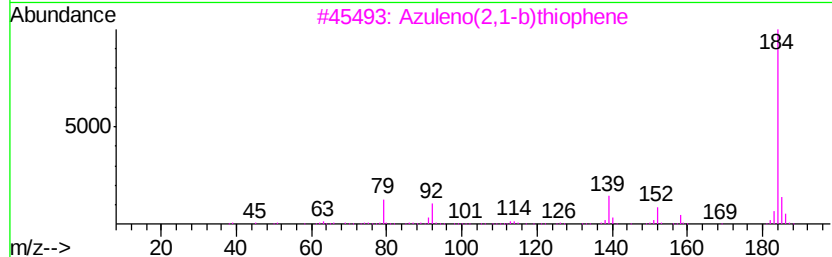
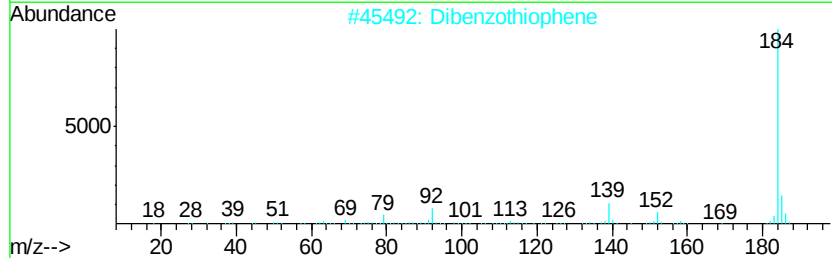
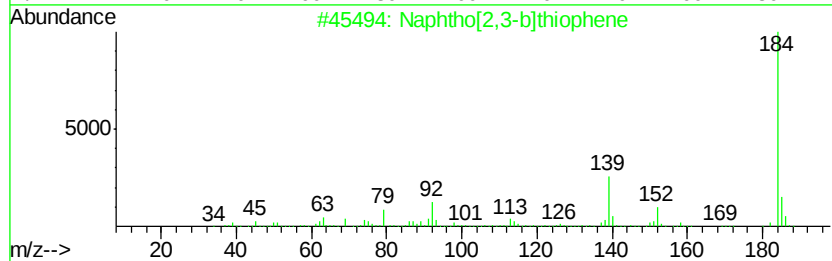
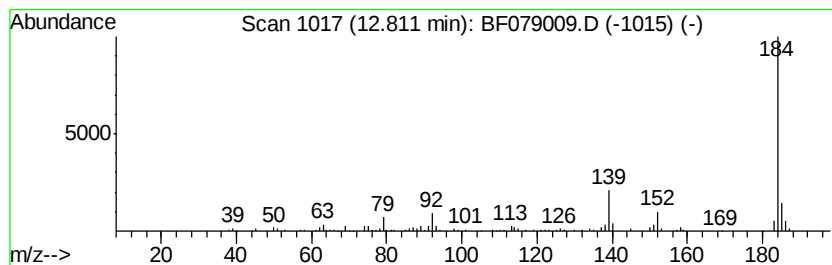
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphtho[2,3-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	6.76 ng	243592	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
2		Dibenzothiophene	184	C12H8S	000132-65-0	96
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4		2,7-Diamino-quinoline-3-carbonit...	184	C10H8N4	1000187-24-4	53
5		Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
Data File : BF079009.D
Acq On : 7 May 2015 21:32
Operator : TP/IZ
Sample : G2116-12 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

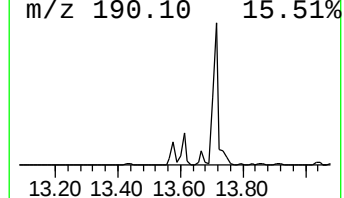
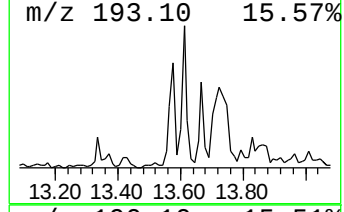
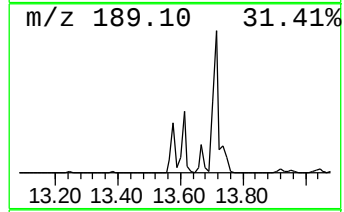
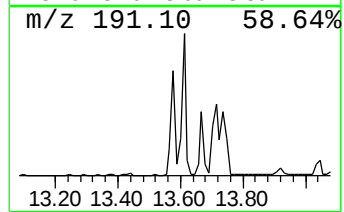
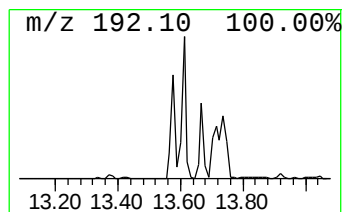
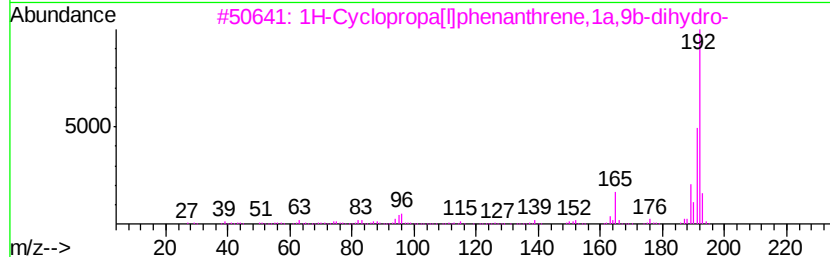
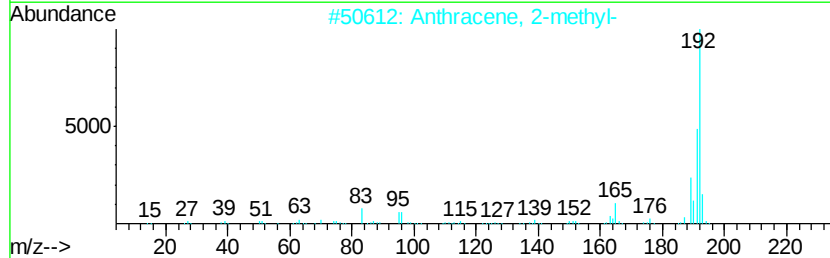
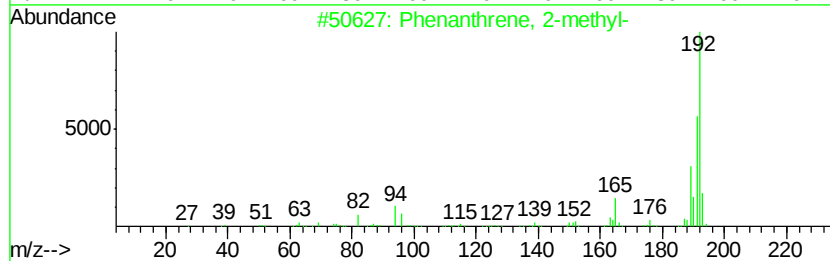
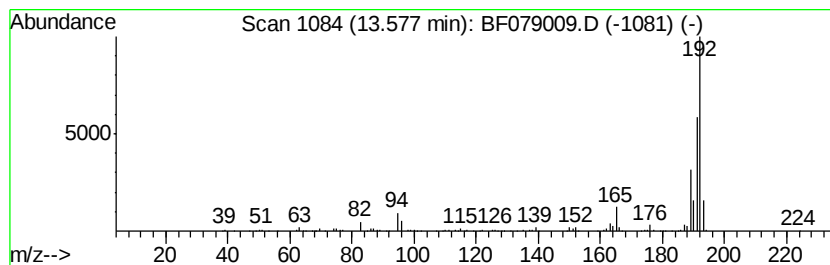
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.58	11.28 ng	406657	Phenanthrene-d10	12.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
Data File : BF079009.D
Acq On : 7 May 2015 21:32
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Sample : G2116-12 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

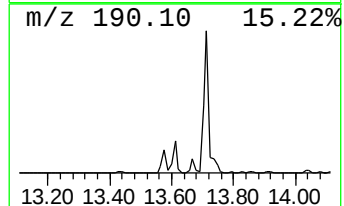
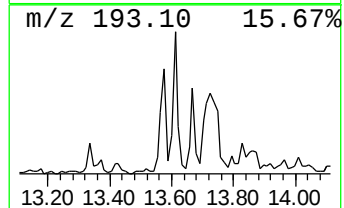
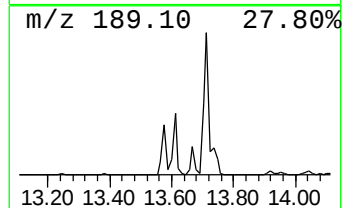
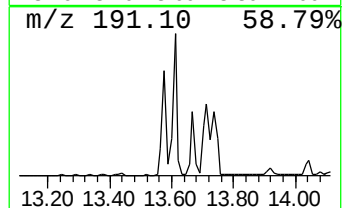
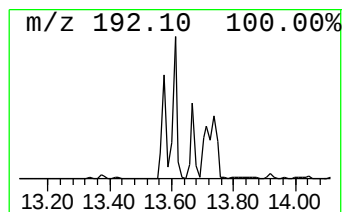
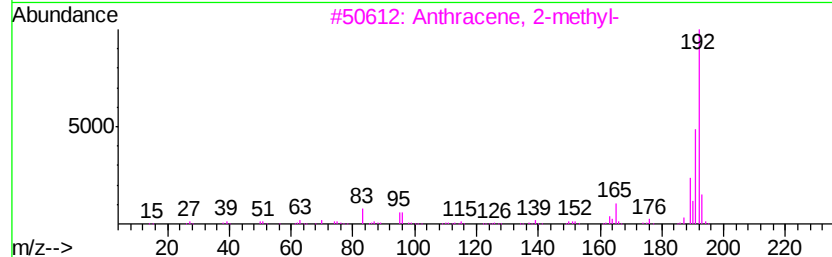
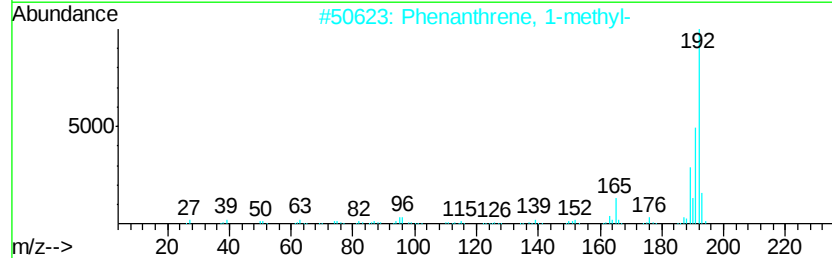
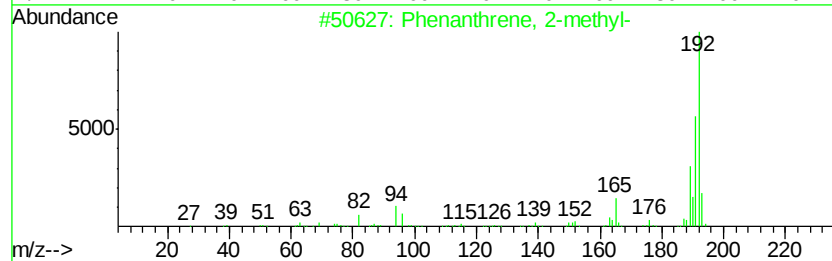
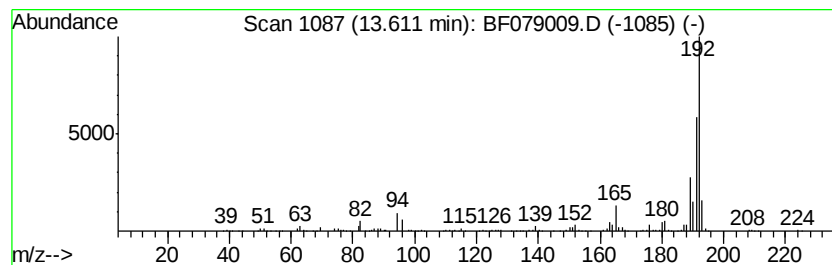
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.61	16.40 ng	591076	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	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	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079009.D
Acq On : 7 May 2015 21:32
Operator : TP/IZ
Sample : G2116-12 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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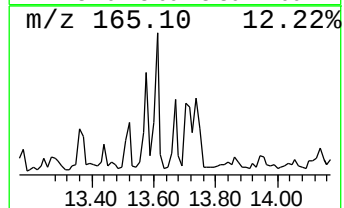
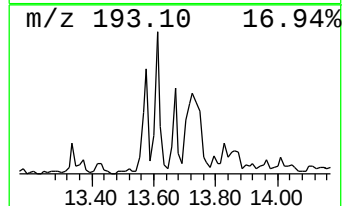
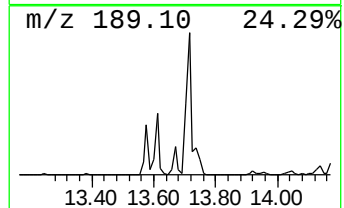
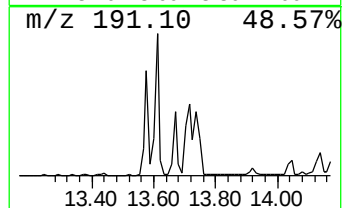
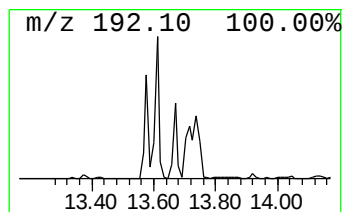
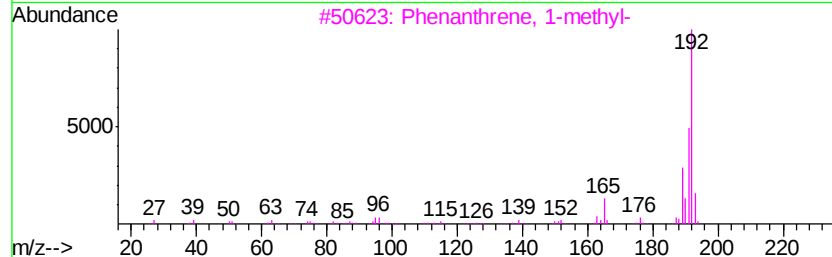
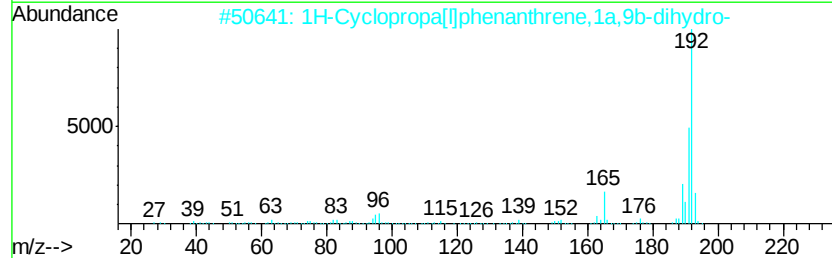
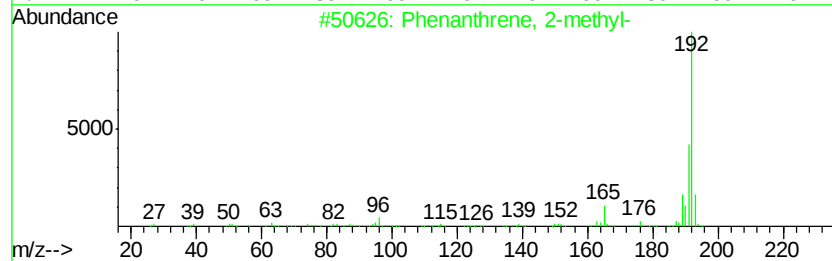
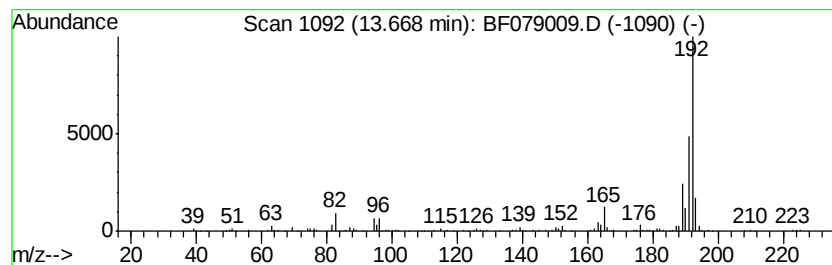
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	8.19 ng	295074	Phenanthrene-d10	12.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079009.D
Acq On : 7 May 2015 21:32
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Misc :
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Instrument :
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ClientSampleId :
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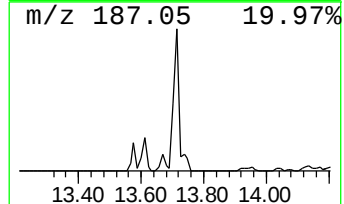
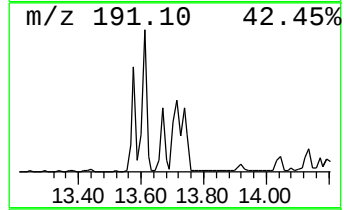
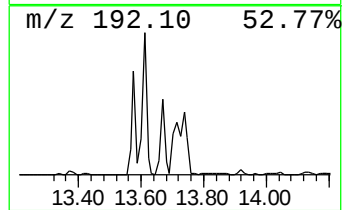
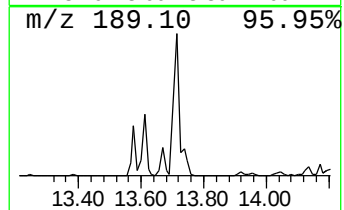
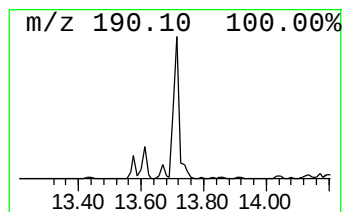
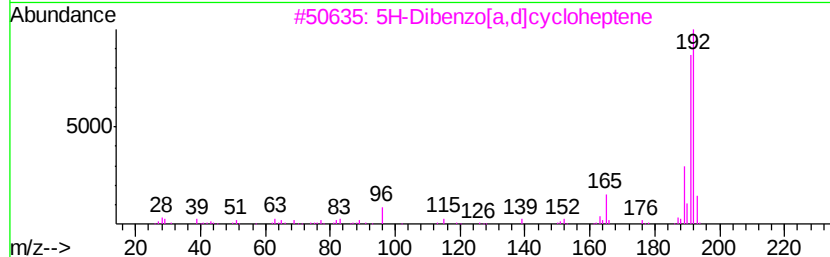
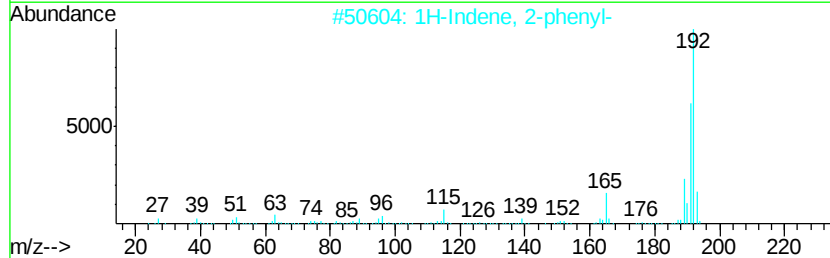
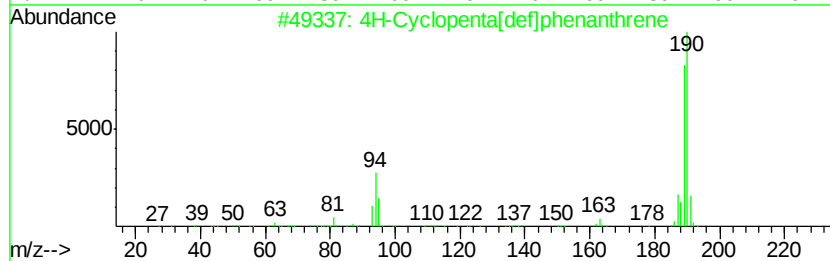
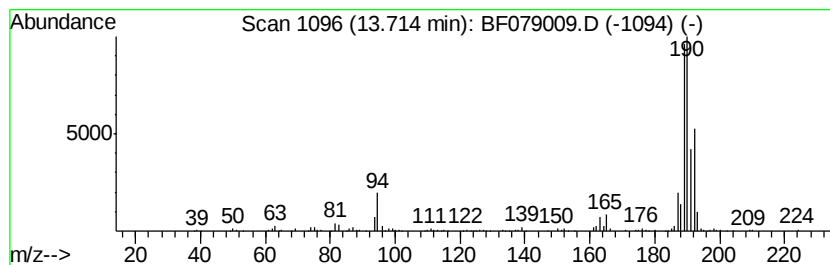
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	19.84 ng	715399	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
4		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	15



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
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Sample : G2116-12 5X
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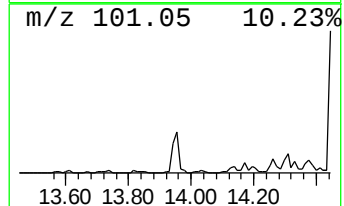
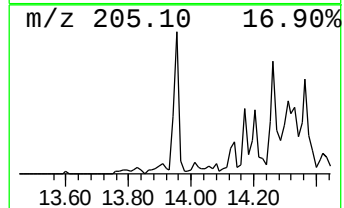
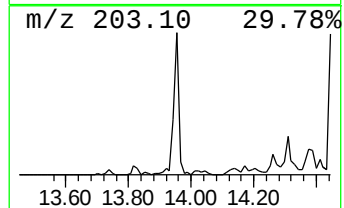
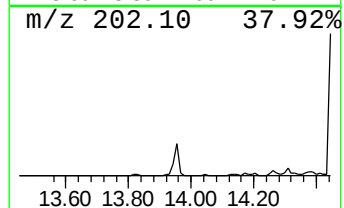
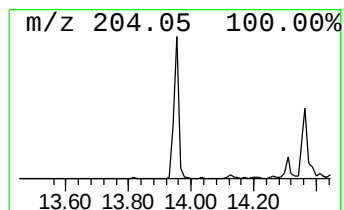
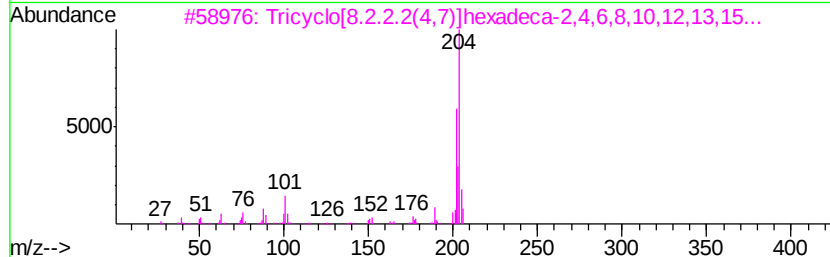
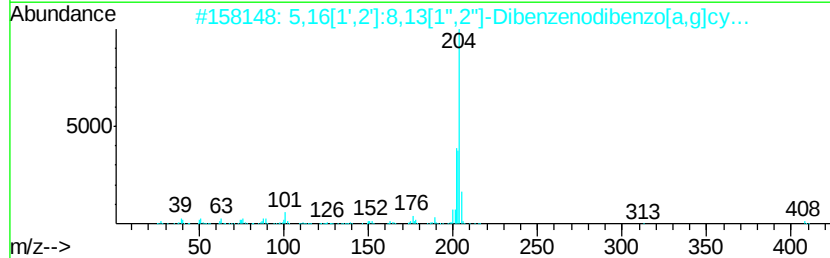
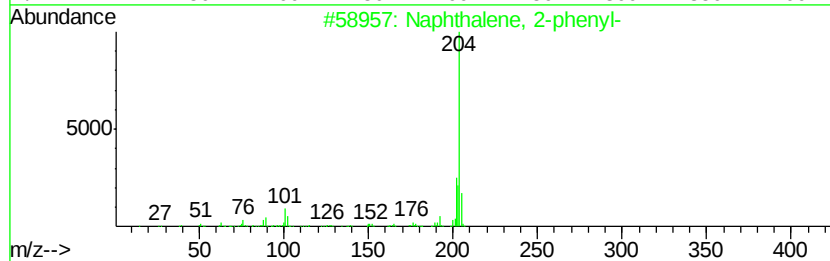
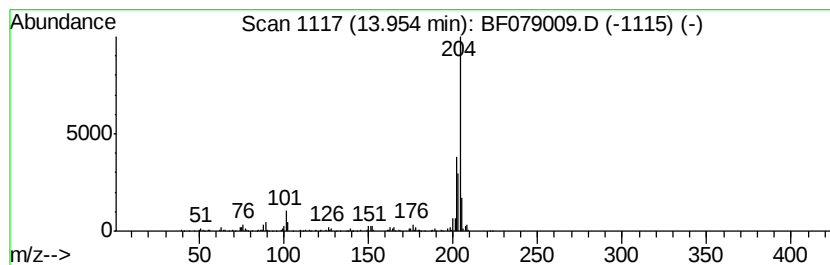
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.95	14.46 ng	521413	Phenanthrene-d10	12.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
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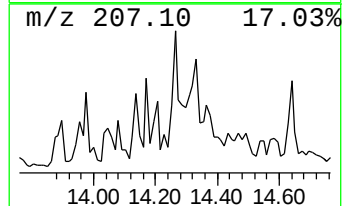
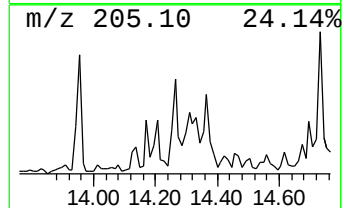
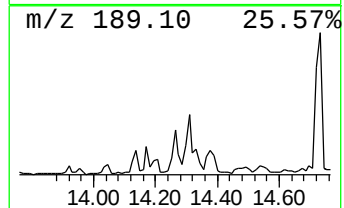
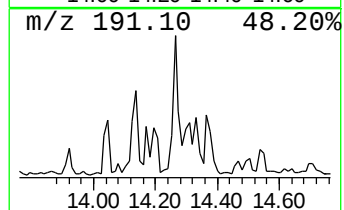
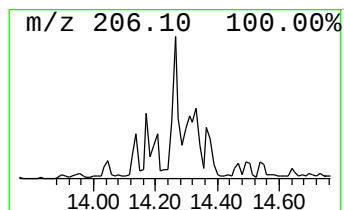
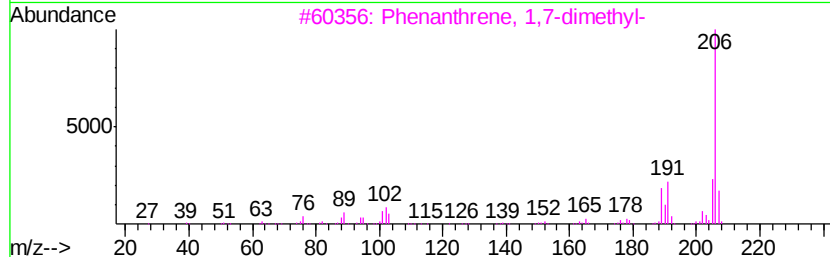
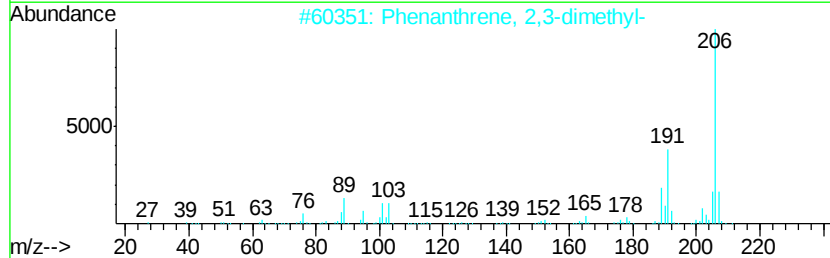
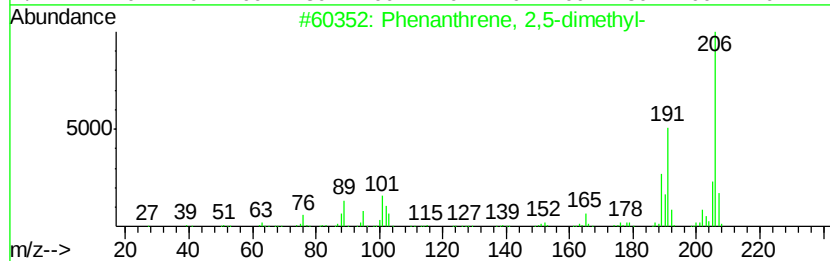
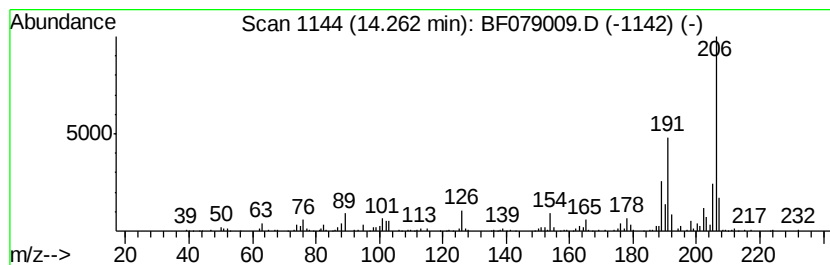
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	8.42 ng	303527	Phenanthrene-d10	12.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	83
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079009.D
Acq On : 7 May 2015 21:32
Operator : TP/IZ
Sample : G2116-12 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-44S

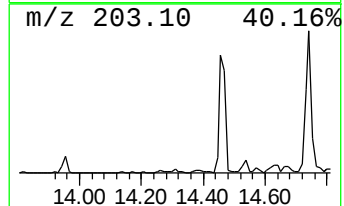
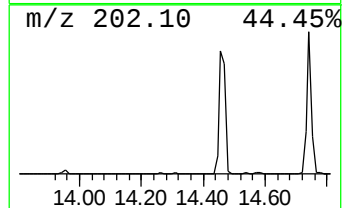
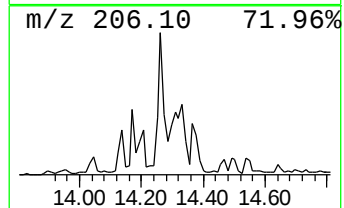
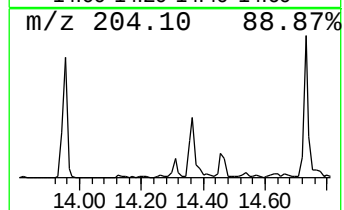
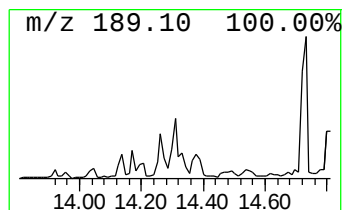
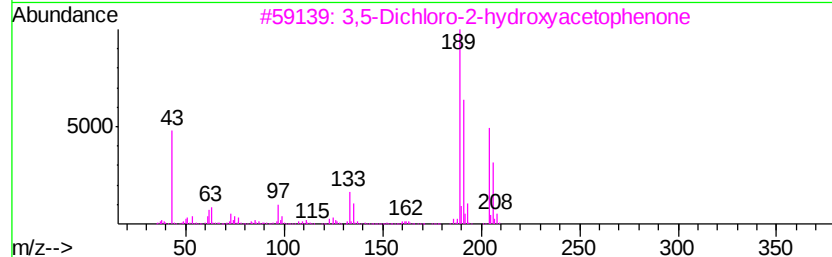
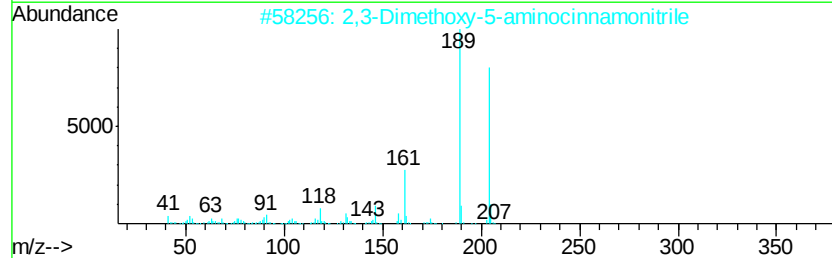
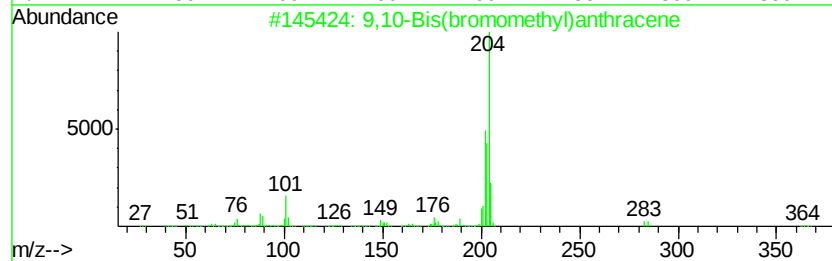
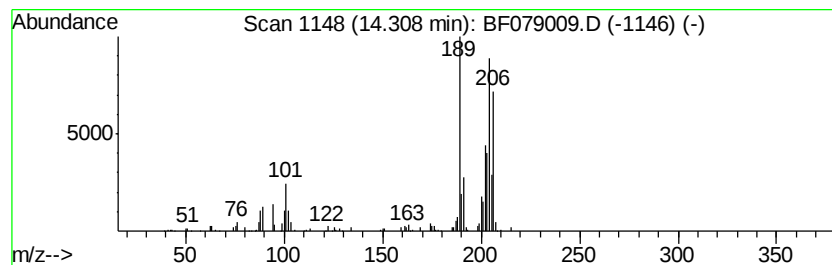
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown14.31 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	7.69 ng	277160	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
2		2,3-Dimethoxy-5-aminocinnamitrile	204	C11H12N2O2	1000214-46-5	38
3		3,5-Dichloro-2-hydroxyacetophenone	204	C8H6Cl2O2	003321-92-4	37
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	35
5		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079009.D
Acq On : 7 May 2015 21:32
Operator : TP/IZ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-44S

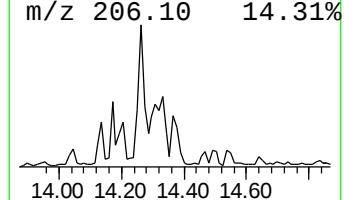
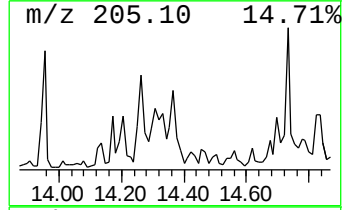
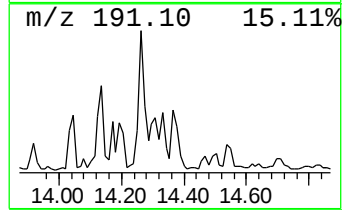
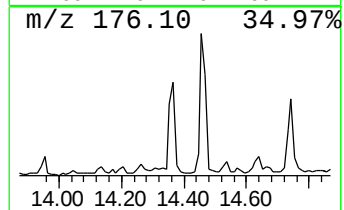
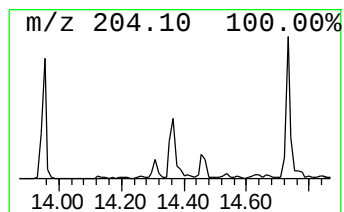
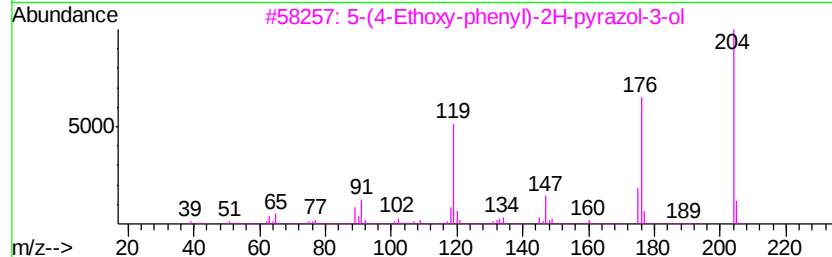
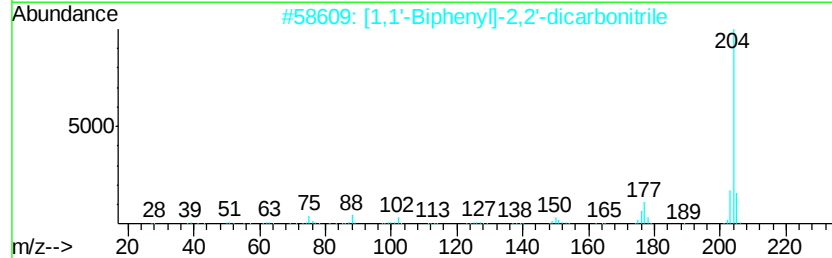
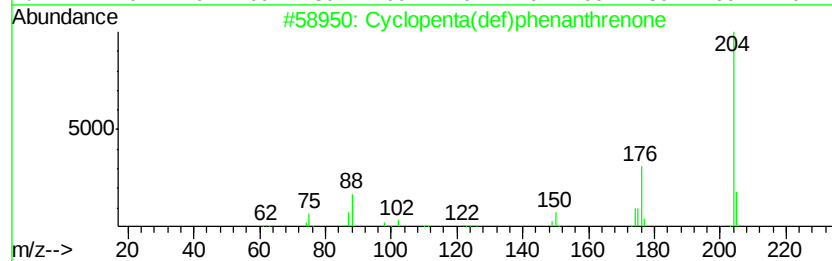
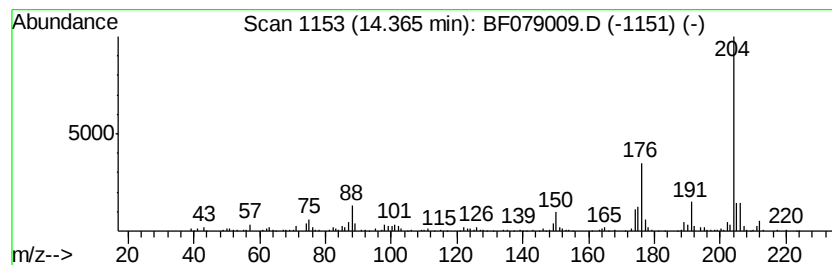
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	9.61 ng	346504	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
3		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	50
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5		1,4,6-Trimethyl-1,2,3,4-tetrahyd...	204	C11H12N2O2	004951-03-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
Data File : BF079009.D
Acq On : 7 May 2015 21:32
Operator : TP/IZ
Sample : G2116-12 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-44S

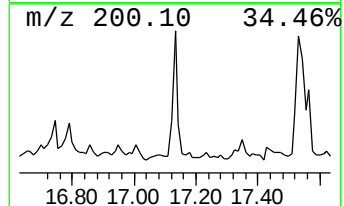
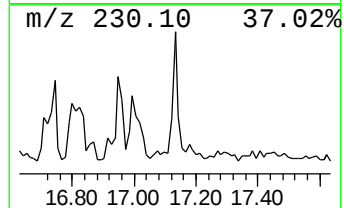
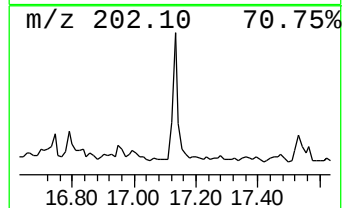
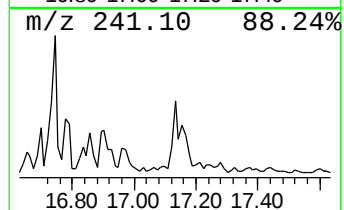
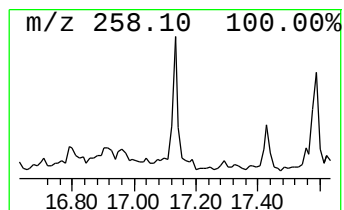
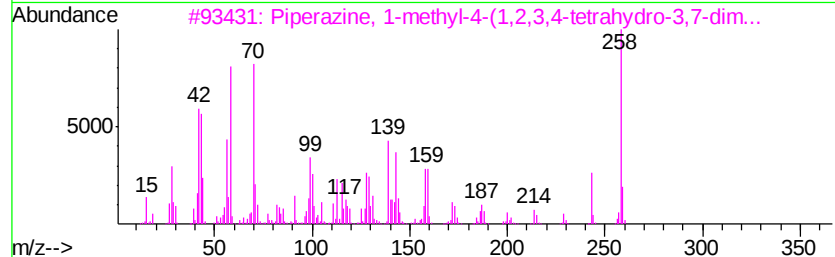
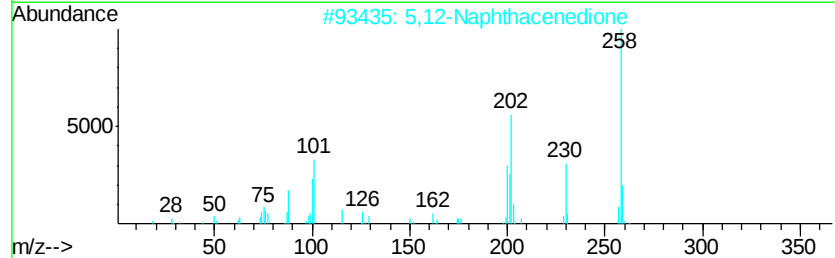
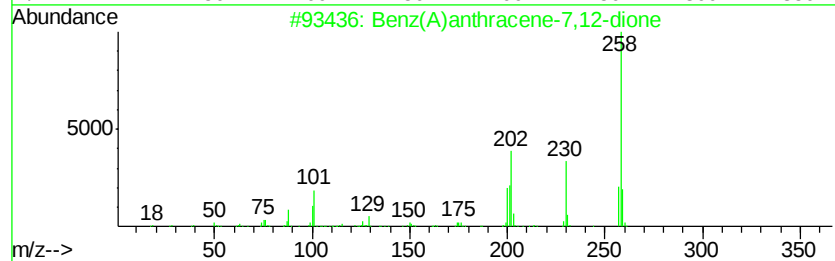
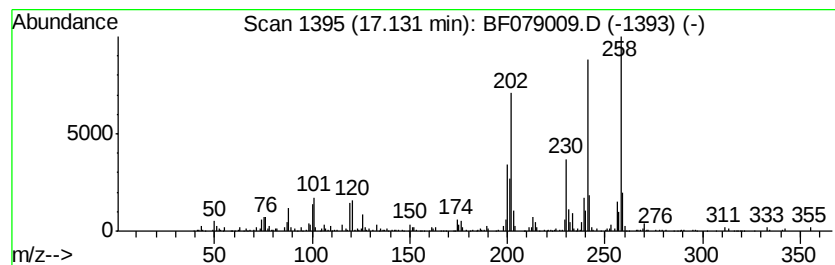
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benz(A)anthracene-7,12-dione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	5.33 ng	207111	Perylene-d12	17.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	91
2		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	91
3		Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	53
4		2,5-Dihydro-2,2-dimethyl-5-oxo-4...	258	C15H14O4	1000242-69-2	30
5		4,5,7,8,9,10-Hexahydrobenzo[a]py...	258	C20H18	073712-75-1	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079009.D
Acq On : 7 May 2015 21:32
Operator : TP/IZ
Sample : G2116-12 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-44S

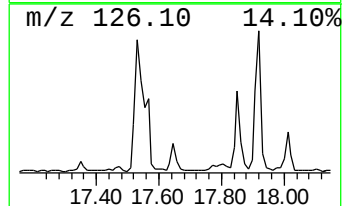
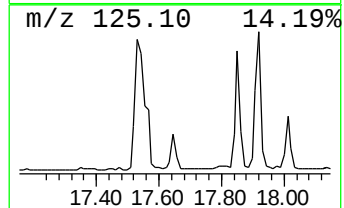
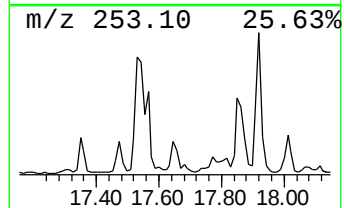
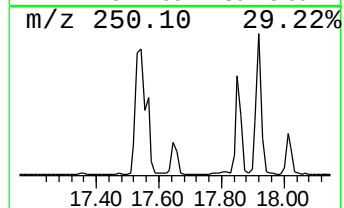
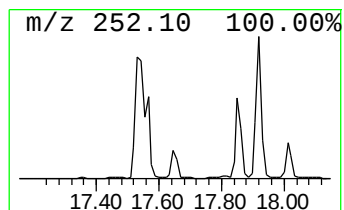
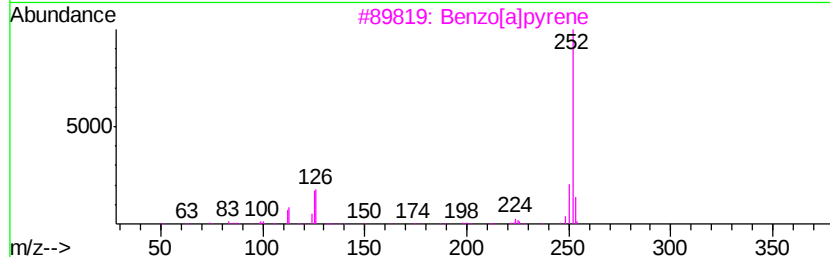
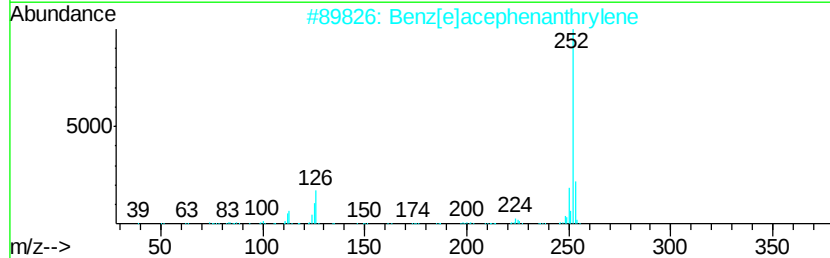
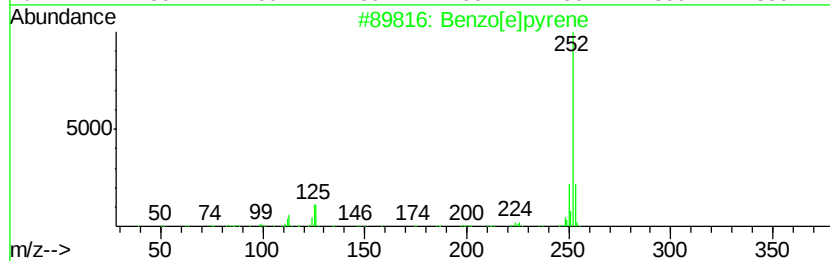
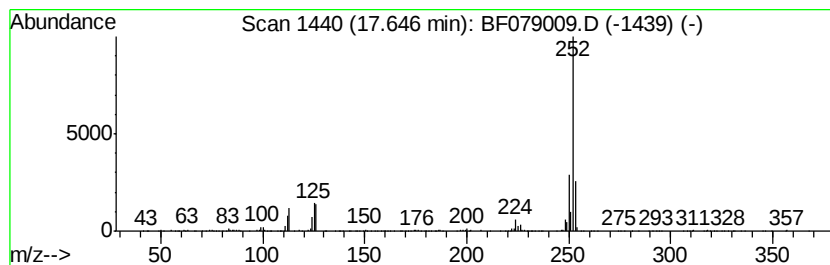
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	8.37 ng	325200	Perylene-d12	17.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079009.D
Acq On : 7 May 2015 21:32
Operator : TP/IZ
Sample : G2116-12 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-44S

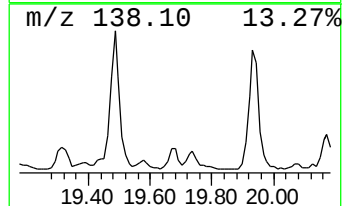
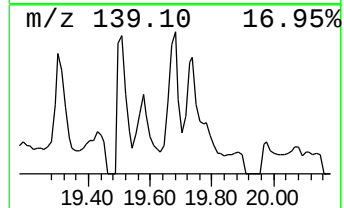
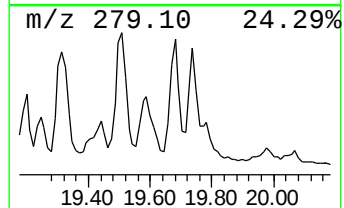
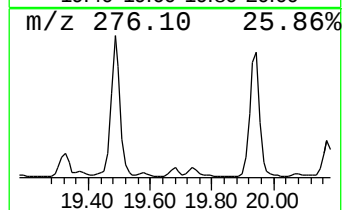
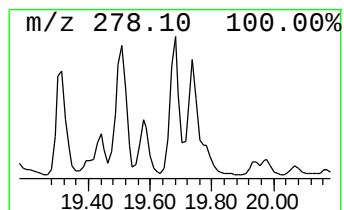
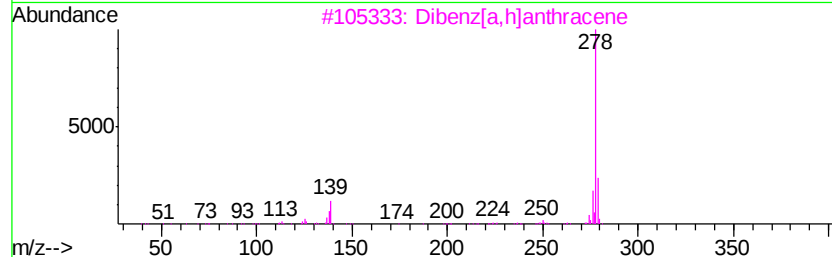
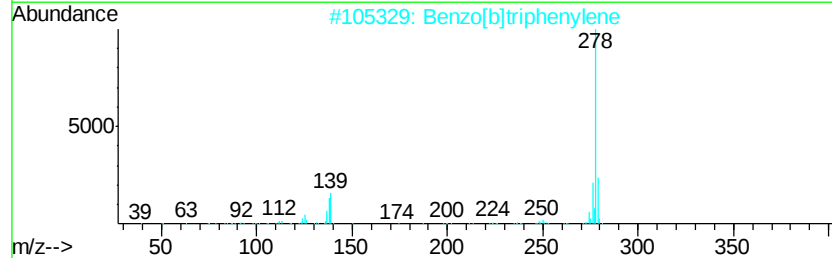
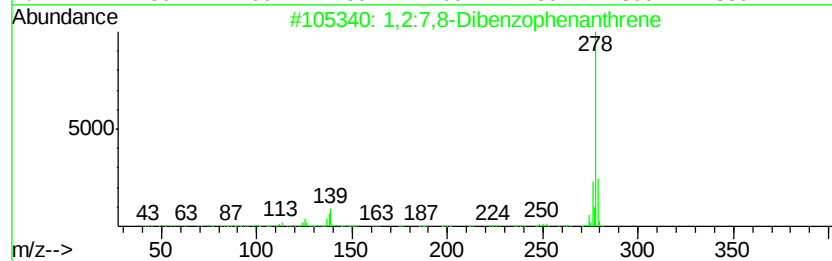
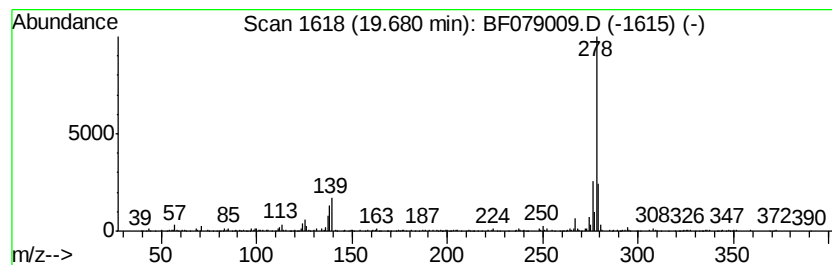
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2:7,8-Dibenzophenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	7.49 ng	290731	Perylene-d12	17.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	99
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	98
3			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4			Benzo[b]chrysene	278	C22H14	000214-17-5	97
5			Pentacene	278	C22H14	000135-48-8	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
 Data File : BF079009.D
 Acq On : 7 May 2015 21:32
 Operator : TP/IZ
 Sample : G2116-12 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-44S

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...	1.47	54.6	ng	911138	1	7.35	333825	20.0
unknown7.05	7.05	19.6	ng	327886	1	7.35	333825	20.0
Dibenzofuran, 4-m...	11.98	4.9	ng	150666	3	11.10	612395	20.0
Naphtho[2,3-b]thi...	12.81	6.8	ng	243592	4	12.95	721002	20.0
Phenanthrene, 2-m...	13.58	11.3	ng	406657	4	12.95	721002	20.0
Phenanthrene, 1-m...	13.61	16.4	ng	591076	4	12.95	721002	20.0
1H-Cyclopropa[1]p...	13.67	8.2	ng	295074	4	12.95	721002	20.0
4H-Cyclopenta[def...	13.71	19.8	ng	715399	4	12.95	721002	20.0
Naphthalene, 2-ph...	13.95	14.5	ng	521413	4	12.95	721002	20.0
Phenanthrene, 2,5...	14.26	8.4	ng	303527	4	12.95	721002	20.0
unknown14.31	14.31	7.7	ng	277160	4	12.95	721002	20.0
Cyclopenta(def)ph...	14.37	9.6	ng	346504	4	12.95	721002	20.0
Benz(A)anthracene...	17.13	5.3	ng	207111	6	17.99	776672	20.0
Benzo[e]pyrene	17.65	8.4	ng	325200	6	17.99	776672	20.0
1,2:7,8-Dibenzoph...	19.68	7.5	ng	290731	6	17.99	776672	20.0