

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
 Data File : BF079504.D
 Acq On : 27 May 2015 5:43
 Operator : TP/IZ
 Sample : G2359-04 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-27S

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-BF052615.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	1.278	5	8	19	rVB	90161	205788	6.21%	0.429%
2	1.427	19	21	27	rVB	128716	157713	4.76%	0.329%
3	1.587	34	35	43	rVV	69761	151087	4.56%	0.315%
4	1.701	43	45	71	rVB	1173207	2310629	69.68%	4.819%
5	4.741	309	311	320	rVB	47658	85766	2.59%	0.179%
6	5.301	358	360	370	rBV	549866	738367	22.27%	1.540%
7	6.616	472	475	483	rBV	713887	796989	24.03%	1.662%
8	6.730	483	485	488	rBV	601710	813313	24.53%	1.696%
9	7.016	508	510	513	rBV	396878	406540	12.26%	0.848%
10	7.199	524	526	529	rBV	522655	635188	19.15%	1.325%
11	7.713	569	571	574	rBV	436898	473016	14.26%	0.987%
12	8.593	646	648	650	rBV	598625	672574	20.28%	1.403%
13	9.485	724	726	728	rBV	89322	83439	2.52%	0.174%
14	9.599	734	736	739	rVB	77168	73877	2.23%	0.154%
15	9.942	764	766	769	rBV	1129755	1004993	30.31%	2.096%
16	10.353	800	802	803	rBV	66046	77148	2.33%	0.161%
17	10.491	812	814	818	rVB	40241	64331	1.94%	0.134%
18	10.593	820	823	827	rVB	81854	93914	2.83%	0.196%
19	10.765	835	838	840	rVB	722044	672637	20.28%	1.403%
20	10.799	840	841	843	rVB	268573	285584	8.61%	0.596%
21	11.016	858	860	863	rBV	183040	210125	6.34%	0.438%
22	11.279	880	883	888	rBV2	28670	64238	1.94%	0.134%
23	11.439	896	897	900	rVB	238095	271955	8.20%	0.567%
24	11.519	900	904	906	rBV	37404	101151	3.05%	0.211%
25	11.645	913	915	918	rVB	95293	111177	3.35%	0.232%
26	11.748	921	924	927	rVV	700977	815837	24.60%	1.702%
27	12.125	953	957	959	rBV2	60755	112710	3.40%	0.235%
28	12.296	970	972	977	rVV3	50229	115504	3.48%	0.241%
29	12.365	977	978	981	rVB	95326	119897	3.62%	0.250%
30	12.434	981	984	986	rBV	86805	112501	3.39%	0.235%
31	12.468	986	987	989	rVB	126142	134118	4.04%	0.280%
32	12.605	996	999	1000	rBV	695341	828313	24.98%	1.728%
33	12.628	1000	1001	1004	rVV	2007576	2397043	72.29%	5.000%
34	12.697	1004	1007	1009	rVB	658817	669973	20.20%	1.397%

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35	12.754	1009	1012	1014	rVB2	53974	80616	2.43%	0.168%
36	12.914	1024	1026	1027	rBV	170918	225160	6.79%	0.470%
37	12.982	1031	1032	1034	rBV2	47580	78037	2.35%	0.163%
38	13.017	1034	1035	1040	rVB4	37454	75577	2.28%	0.158%
39	13.119	1041	1044	1046	rVB2	43053	82051	2.47%	0.171%
40	13.234	1051	1054	1055	rBV	309216	327913	9.89%	0.684%
41	13.268	1055	1057	1060	rVB	387106	433346	13.07%	0.904%
42	13.325	1060	1062	1063	rBV	188720	203801	6.15%	0.425%
43	13.359	1063	1065	1067	rVV	513455	630110	19.00%	1.314%
44	13.394	1067	1068	1072	rVB	258859	235820	7.11%	0.492%
45	13.474	1072	1075	1076	rBV	44788	74519	2.25%	0.155%
46	13.611	1085	1087	1088	rBV	170458	227216	6.85%	0.474%
47	13.634	1088	1089	1091	rVB	202610	176905	5.33%	0.369%
48	13.794	1099	1103	1105	rBV2	82242	168618	5.08%	0.352%
49	13.919	1111	1114	1115	rBV	192411	263509	7.95%	0.550%
50	13.954	1115	1117	1119	rVV2	109622	153814	4.64%	0.321%
51	14.022	1121	1123	1126	rVB2	142275	239727	7.23%	0.500%
52	14.102	1128	1130	1133	rBV	2102466	3105036	93.64%	6.476%
53	14.182	1135	1137	1139	rBV2	95761	134748	4.06%	0.281%
54	14.217	1139	1140	1143	rVB2	48578	78800	2.38%	0.164%
55	14.285	1143	1146	1148	rBV	201483	233988	7.06%	0.488%
56	14.388	1151	1155	1157	rBV	2555208	3316066	100.00%	6.917%
57	14.457	1157	1161	1162	rBV3	81591	135583	4.09%	0.283%
58	14.548	1167	1169	1170	rBV	169623	190659	5.75%	0.398%
59	14.594	1170	1173	1176	rVB2	1161076	1354369	40.84%	2.825%
60	14.674	1176	1180	1182	rBV2	155444	306384	9.24%	0.639%
61	14.777	1185	1189	1190	rBV2	160198	382642	11.54%	0.798%
62	14.800	1190	1191	1194	rVB	324093	342401	10.33%	0.714%
63	14.857	1194	1196	1197	rBV2	37178	74257	2.24%	0.155%
64	14.891	1197	1199	1200	rBV	164058	208748	6.30%	0.435%
65	14.925	1200	1202	1207	rVB3	303371	455786	13.74%	0.951%
66	15.040	1210	1212	1214	rBV	177772	168616	5.08%	0.352%
67	15.074	1214	1215	1218	rBV	122288	176732	5.33%	0.369%
68	15.234	1228	1229	1231	rVB2	67375	81631	2.46%	0.170%
69	15.314	1231	1236	1237	rBV5	65333	168355	5.08%	0.351%
70	15.337	1237	1238	1240	rVV	90817	97722	2.95%	0.204%
71	15.440	1243	1247	1250	rBV	178279	323213	9.75%	0.674%

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72	15.565	1255	1258	1260	rVV	226653	314782	9.49%	0.657%
73	15.600	1260	1261	1265	rVV2	213605	486196	14.66%	1.014%
74	15.703	1268	1270	1272	rVB	223485	256383	7.73%	0.535%
75	15.771	1273	1276	1280	rVV2	158074	293865	8.86%	0.613%
76	15.874	1280	1285	1287	rVV2	1600992	2849026	85.92%	5.942%
77	15.920	1287	1289	1290	rVV	1030715	1408357	42.47%	2.938%
78	15.943	1290	1291	1293	rVV2	142331	160724	4.85%	0.335%
79	16.011	1294	1297	1299	rVV2	209188	312492	9.42%	0.652%
80	16.068	1299	1302	1303	rVV4	53398	106388	3.21%	0.222%
81	16.137	1307	1308	1310	rVV	157125	156111	4.71%	0.326%
82	16.183	1310	1312	1319	rVB3	156643	296029	8.93%	0.617%
83	16.285	1319	1321	1322	rBV	44753	60542	1.83%	0.126%
84	16.320	1322	1324	1326	rVV	93131	144089	4.35%	0.301%
85	16.365	1326	1328	1330	rVV	242872	406923	12.27%	0.849%
86	16.411	1330	1332	1335	rVV	140573	220168	6.64%	0.459%
87	16.480	1337	1338	1340	rVV	137747	188548	5.69%	0.393%
88	16.514	1340	1341	1345	rVV2	114995	332140	10.02%	0.693%
89	16.628	1349	1351	1354	rVB	87071	116407	3.51%	0.243%
90	16.765	1360	1363	1365	rBV3	89775	208941	6.30%	0.436%
91	16.903	1372	1375	1377	rBV3	90645	153966	4.64%	0.321%
92	17.131	1393	1395	1401	rBV	1144455	2590601	78.12%	5.403%
93	17.246	1403	1405	1407	rVB	284766	299811	9.04%	0.625%
94	17.440	1420	1422	1425	rVB	745486	952432	28.72%	1.987%
95	17.497	1425	1427	1430	rBV	1230181	1349165	40.69%	2.814%
96	17.554	1430	1432	1434	rBV	741613	973989	29.37%	2.032%
97	18.869	1544	1547	1552	rVB2	483882	990952	29.88%	2.067%
98	19.040	1559	1562	1564	rBV	118760	257940	7.78%	0.538%
99	19.257	1578	1581	1586	rVB	435157	812500	24.50%	1.695%
100	19.474	1597	1600	1608	rVB2	127184	364046	10.98%	0.759%

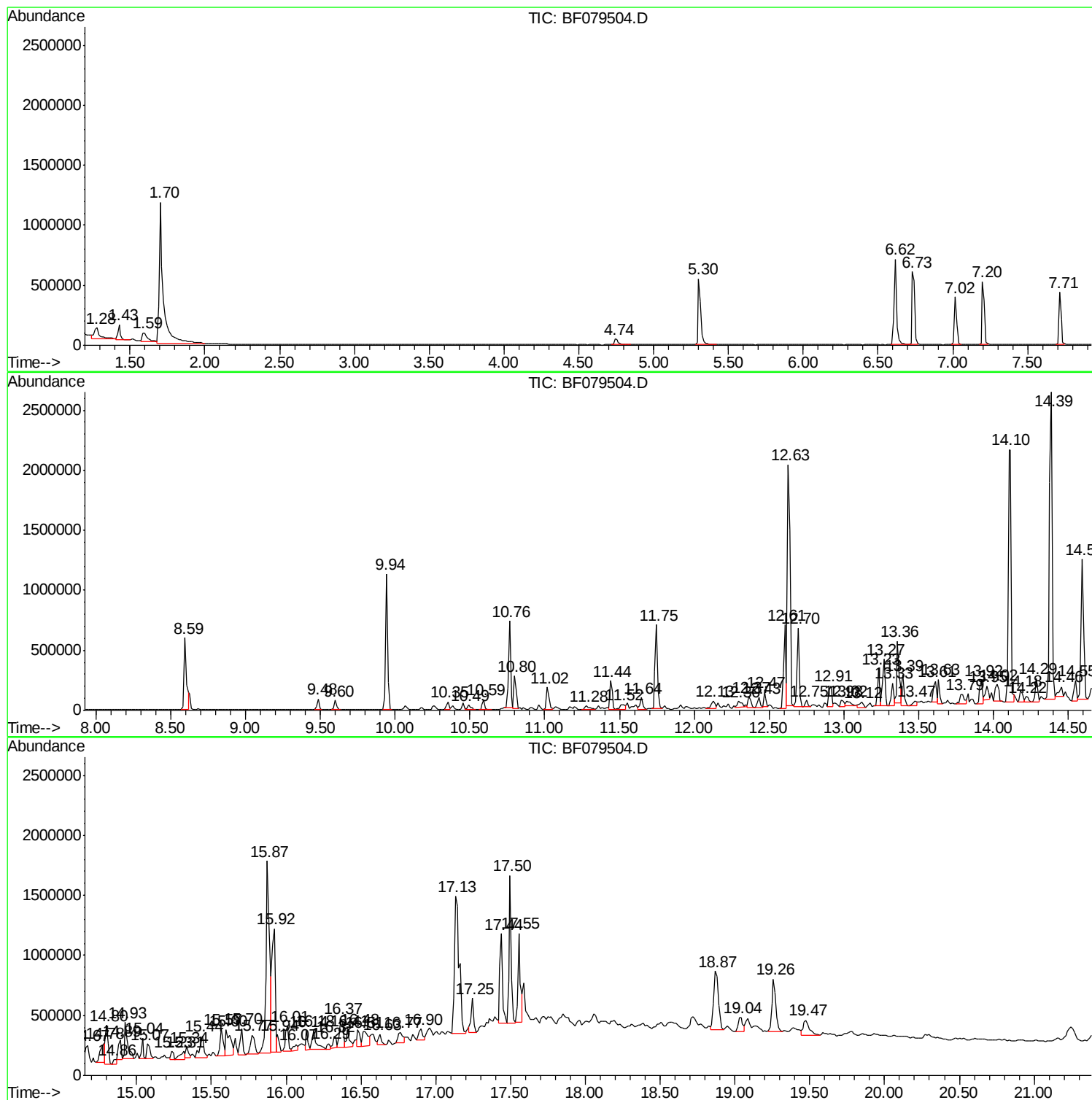
Sum of corrected areas: 47943423

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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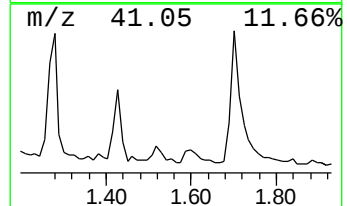
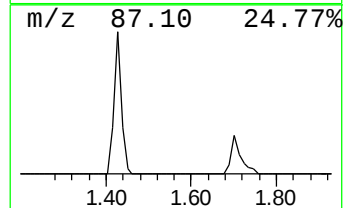
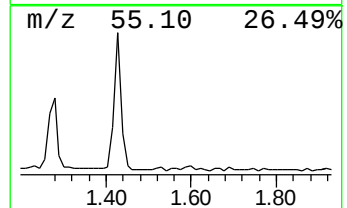
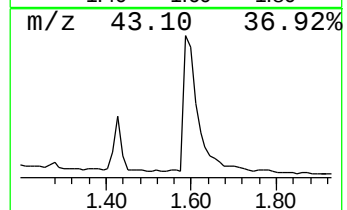
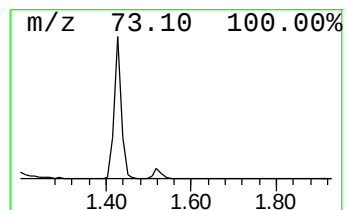
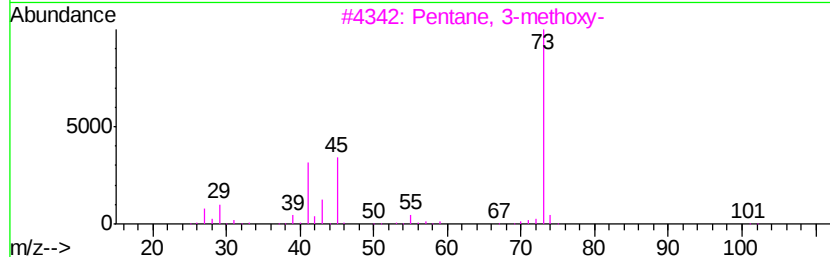
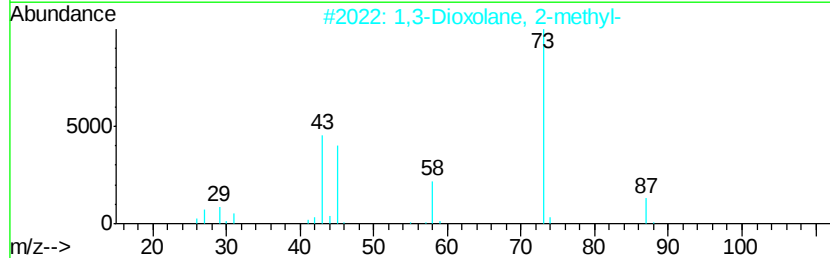
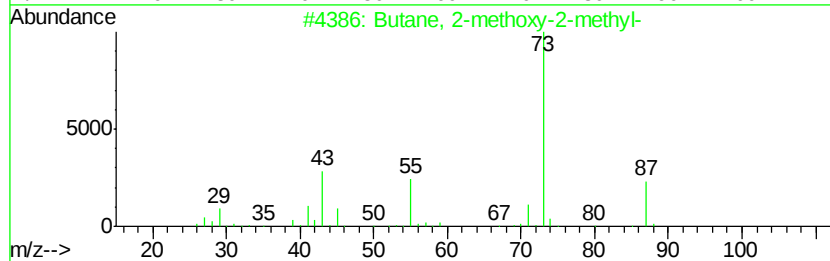
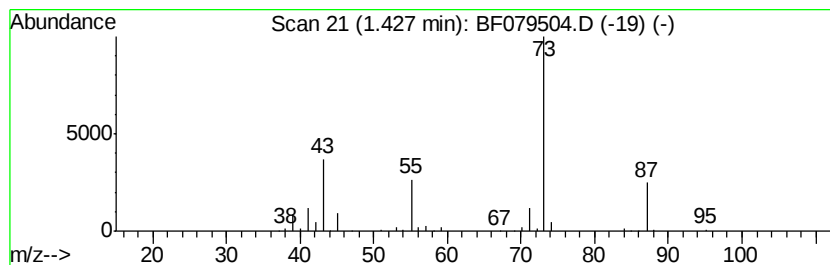
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.43	7.76 ng	157713	1,4-Dichlorobenzene-d4	7.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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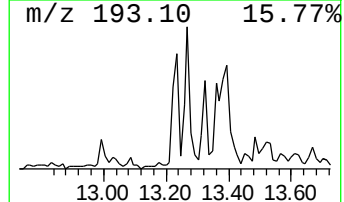
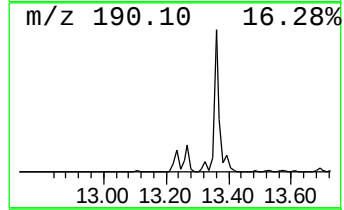
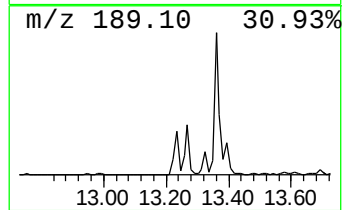
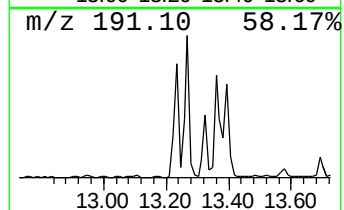
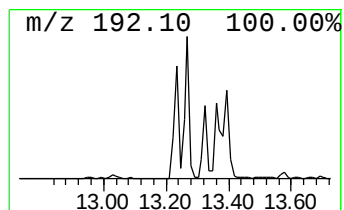
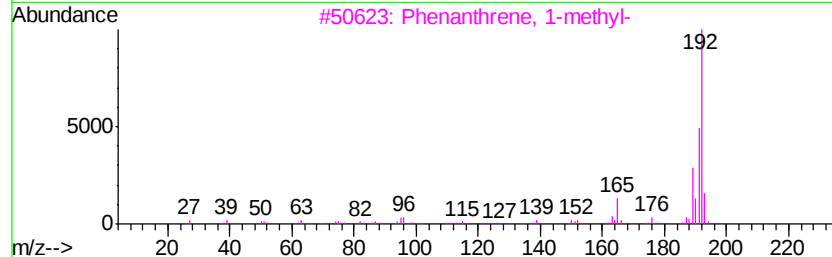
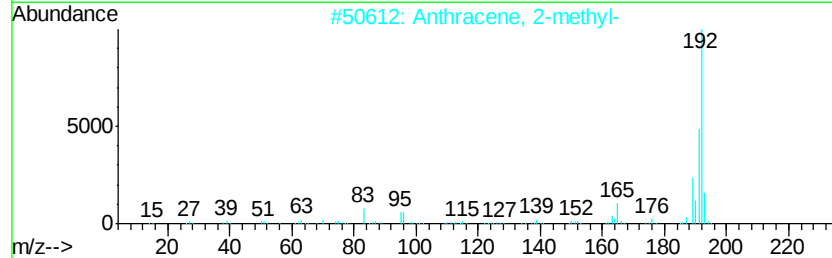
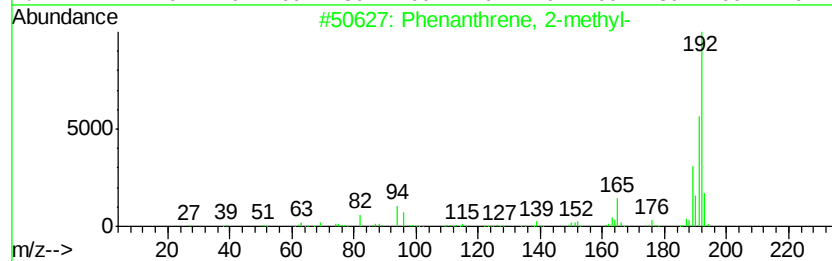
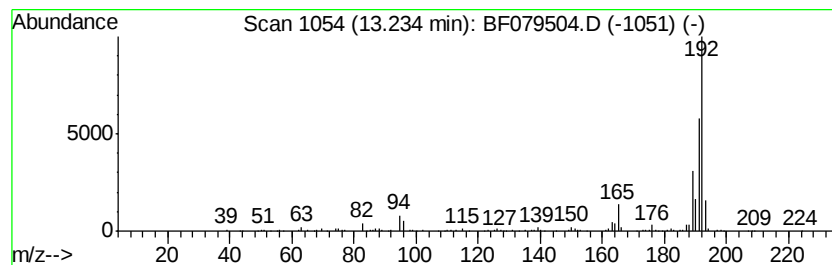
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	7.92 ng	327913	Phenanthrene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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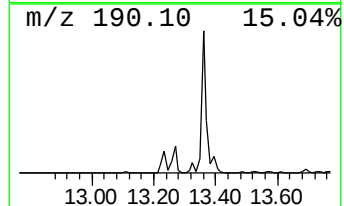
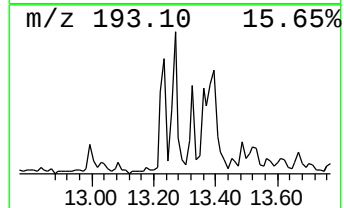
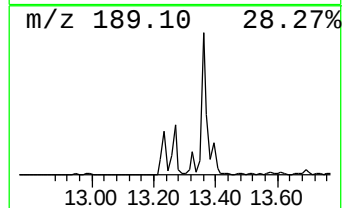
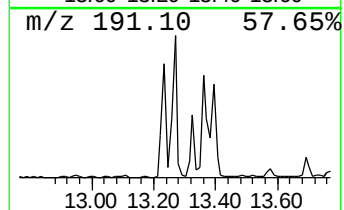
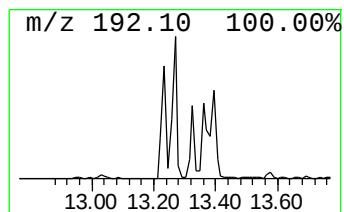
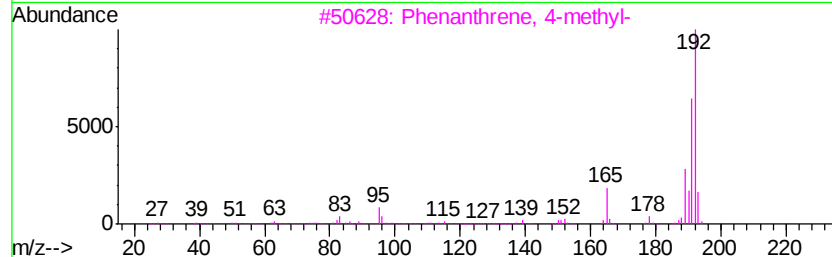
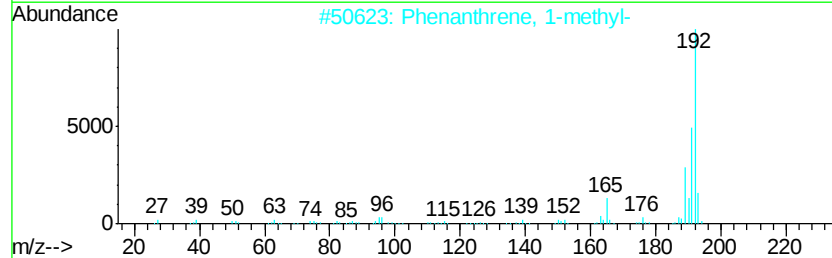
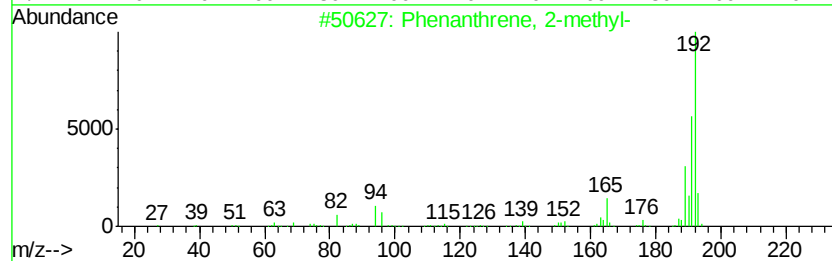
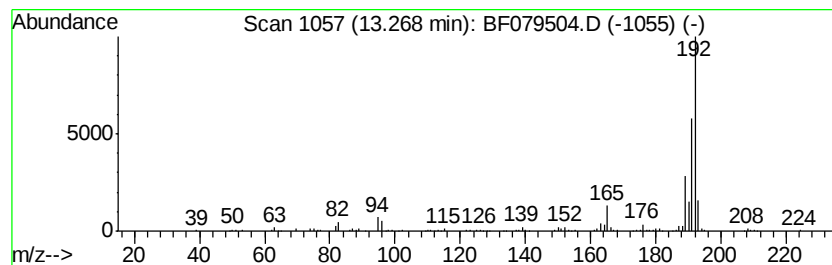
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TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.27	10.46 ng	433346	Phenanthrene-d10	12.61	
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	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079504.D
Acq On : 27 May 2015 5:43
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Misc :
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ClientSampleId :
SB-27S

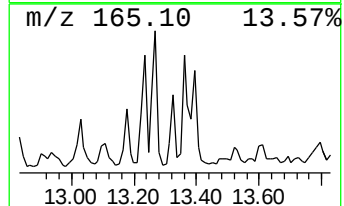
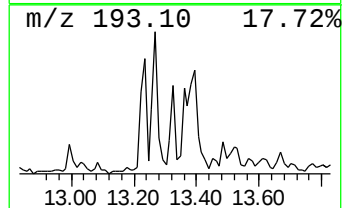
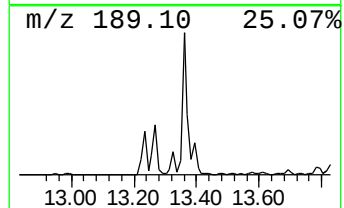
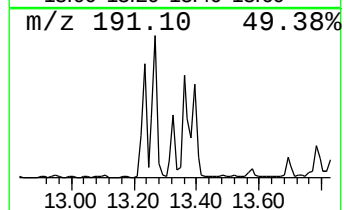
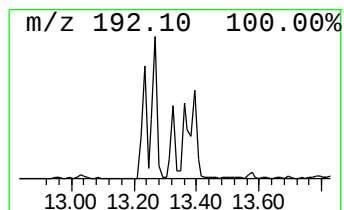
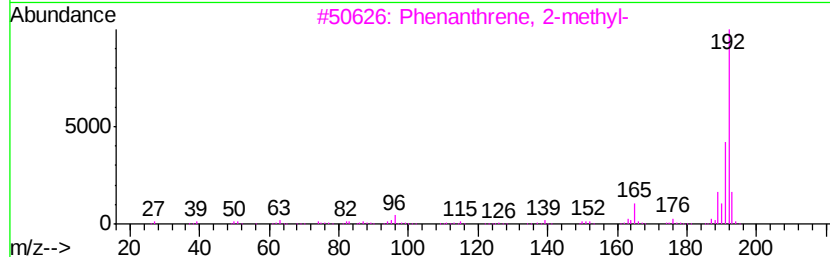
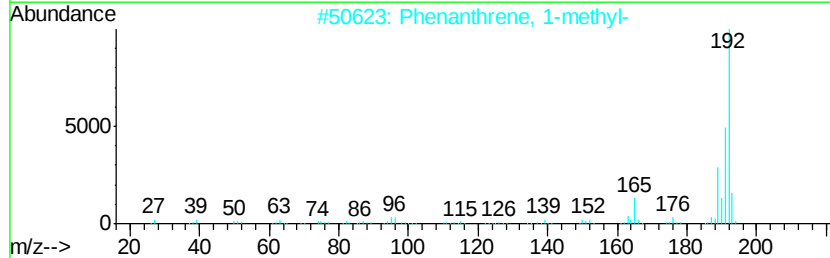
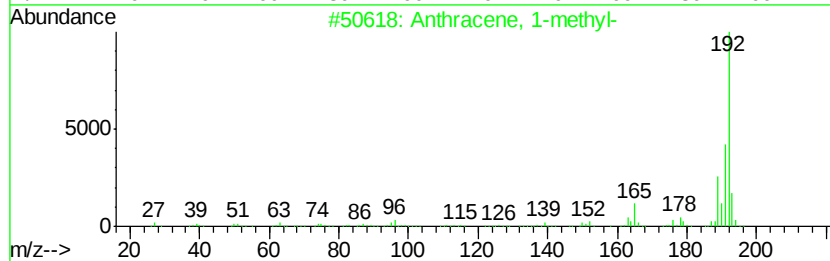
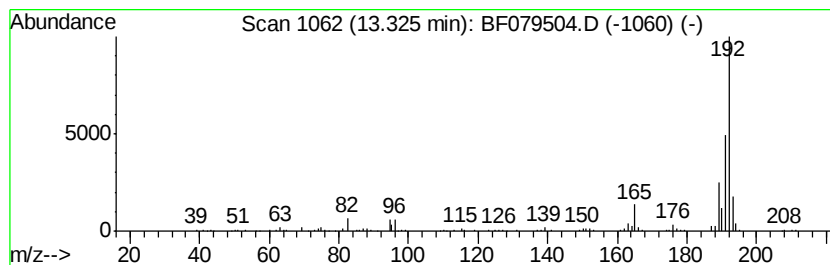
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	4.92 ng	203801	Phenanthrene-d10	12.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079504.D
Acq On : 27 May 2015 5:43
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ClientSampleId :
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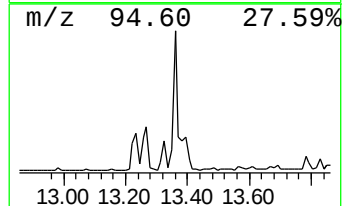
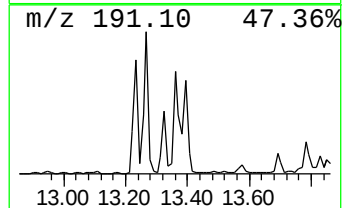
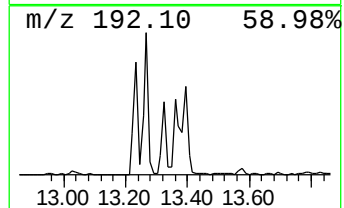
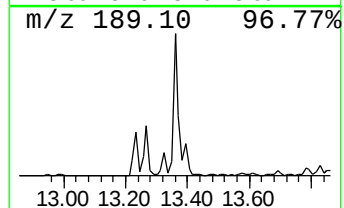
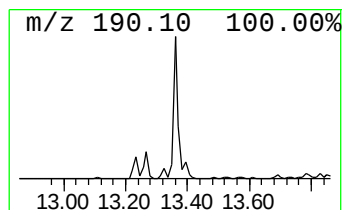
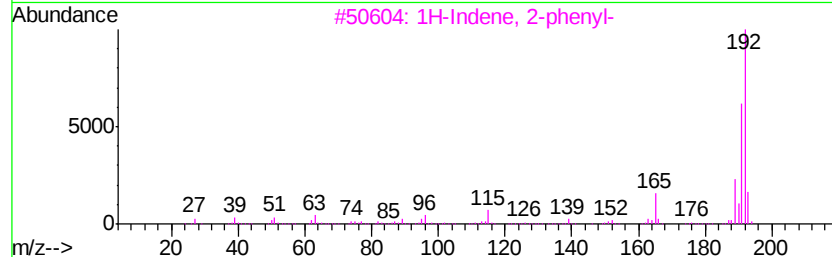
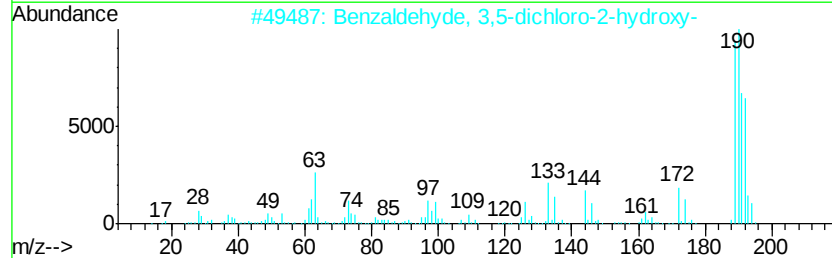
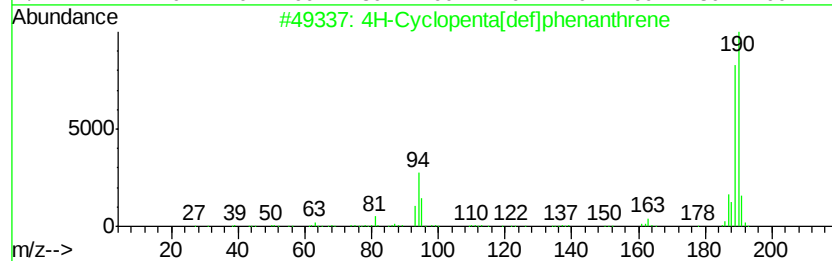
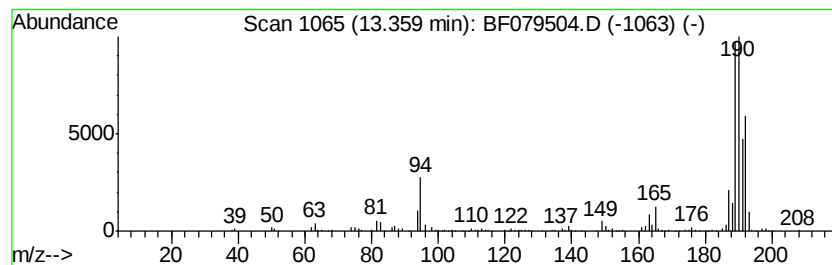
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	15.21 ng	630110	Phenanthrene-d10	12.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079504.D
Acq On : 27 May 2015 5:43
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Sample : G2359-04 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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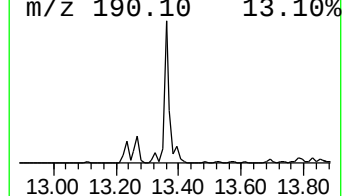
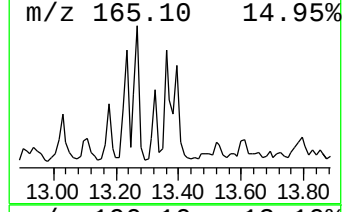
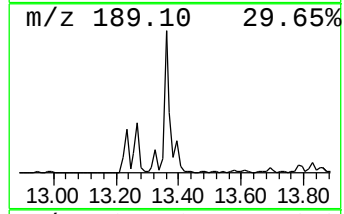
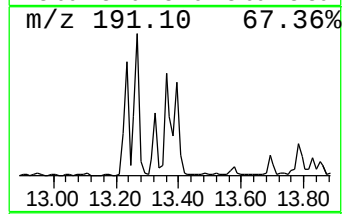
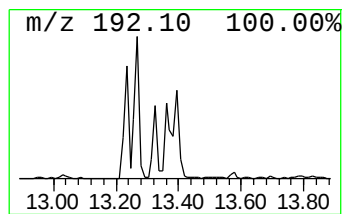
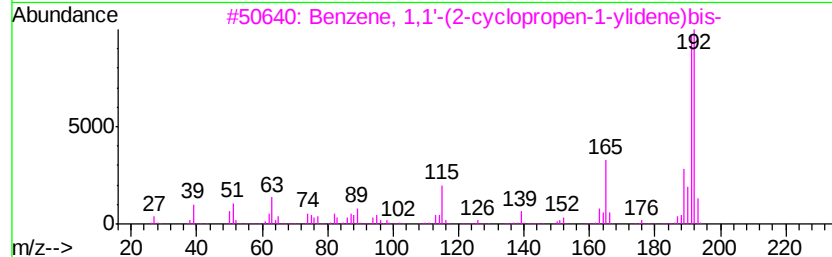
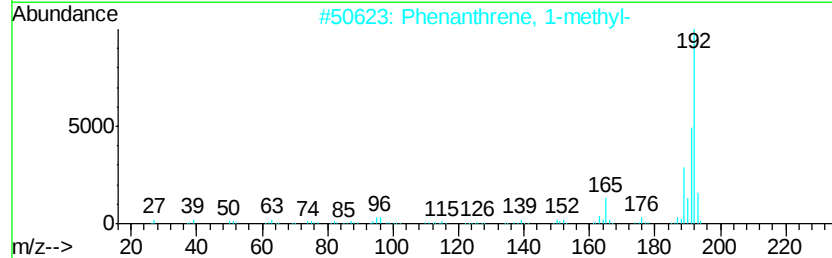
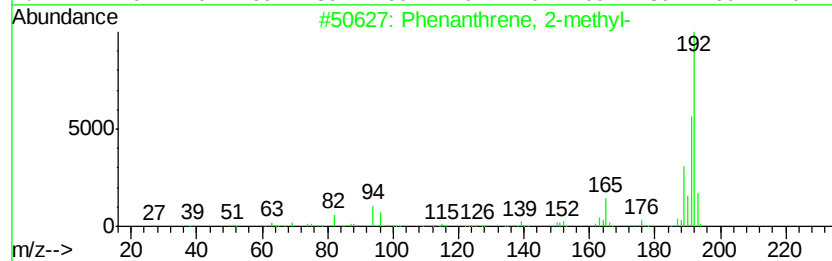
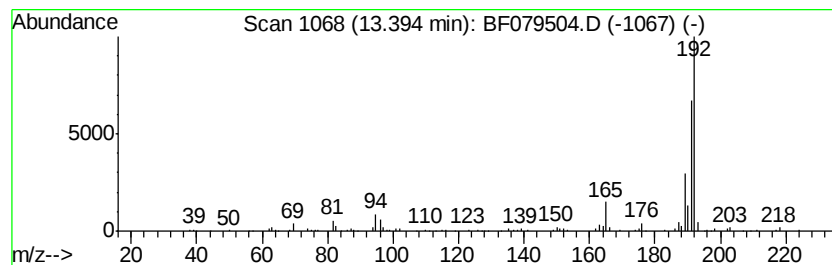
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,1'-(2-cycloprope... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	5.69 ng	235820	Phenanthrene-d10	12.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3			Benzene, 1,1'-(2-cyclopropen-1-ylidene)bis-	192	C15H12	022825-21-4	81
4			1H-Cyclopropa[1,1-b]phenanthrene, 1a,...	192	C15H12	000949-41-7	81
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079504.D
Acq On : 27 May 2015 5:43
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Sample : G2359-04 2X
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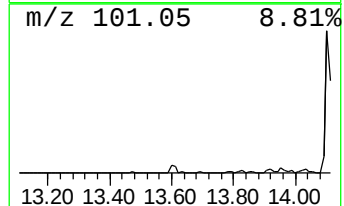
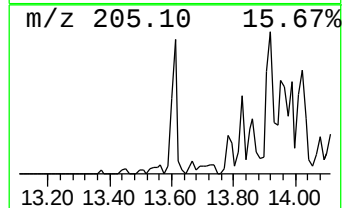
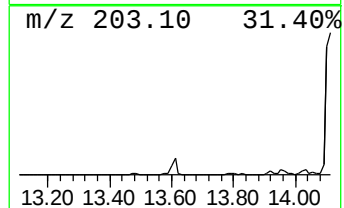
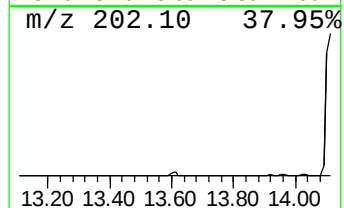
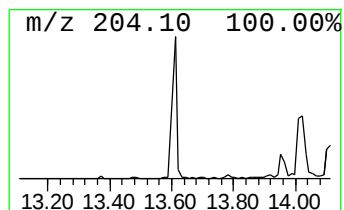
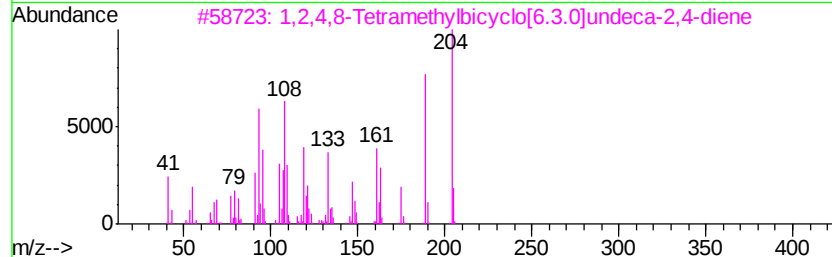
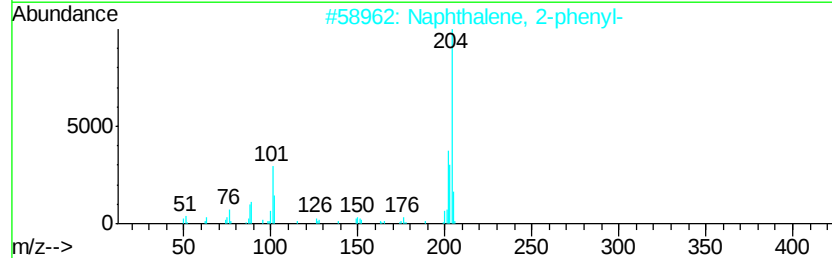
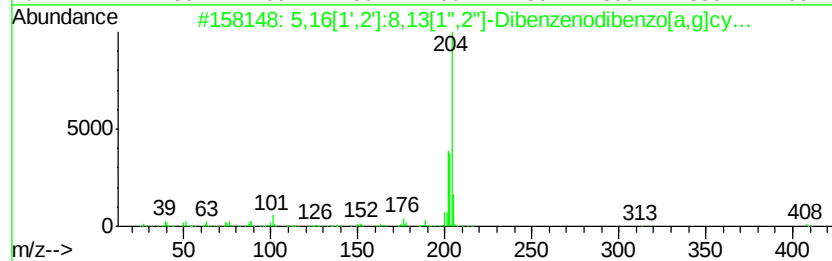
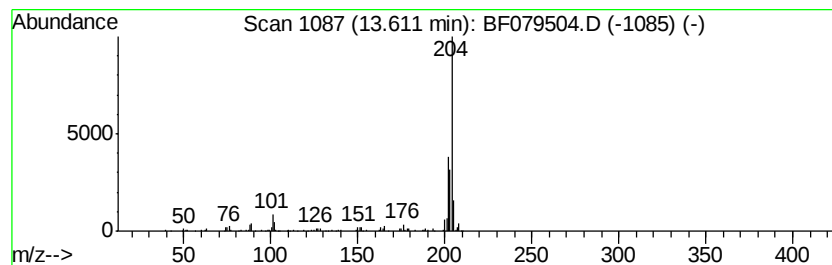
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	5.49 ng	227216	Phenanthrene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	86
4		2-Phenylnaphthalene	204	C16H12	035465-71-5	81
5		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079504.D
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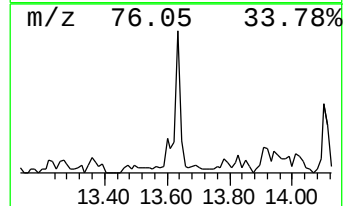
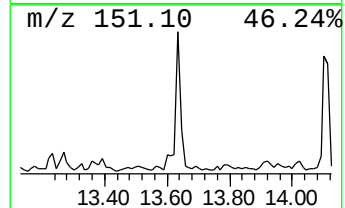
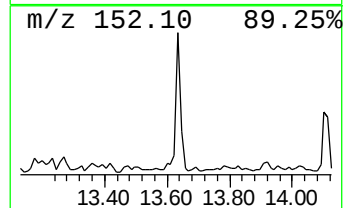
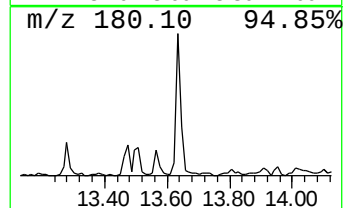
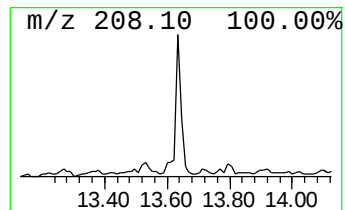
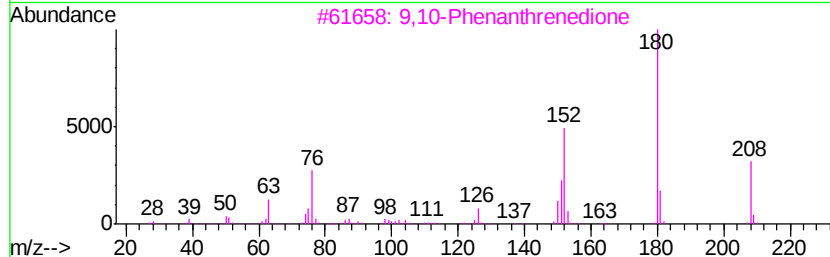
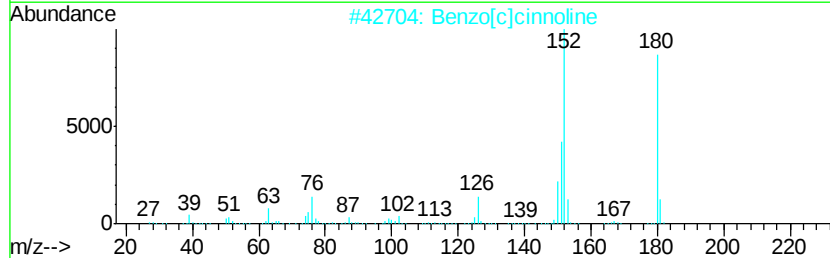
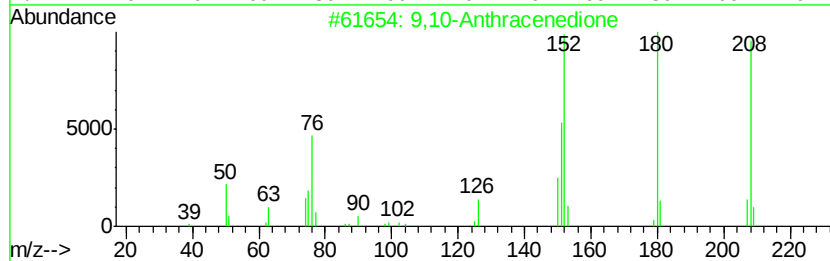
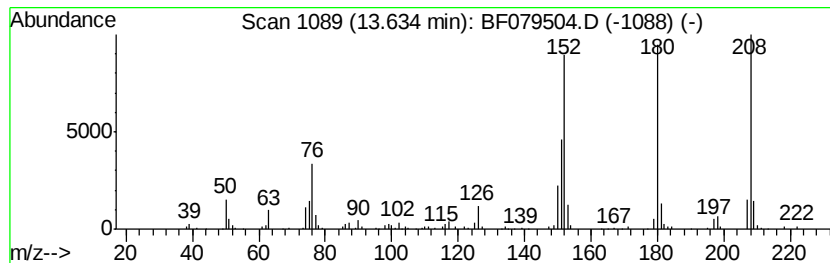
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	4.27 ng	176905	Phenanthrene-d10	12.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5			5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079504.D
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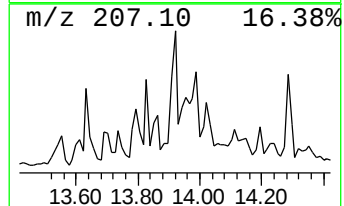
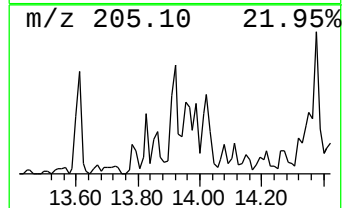
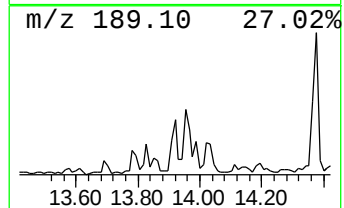
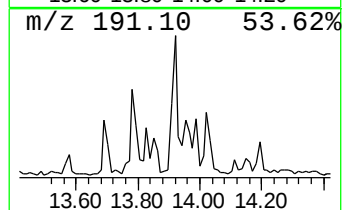
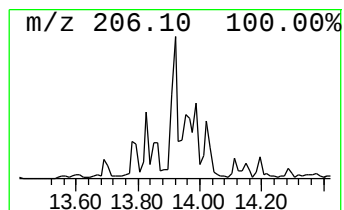
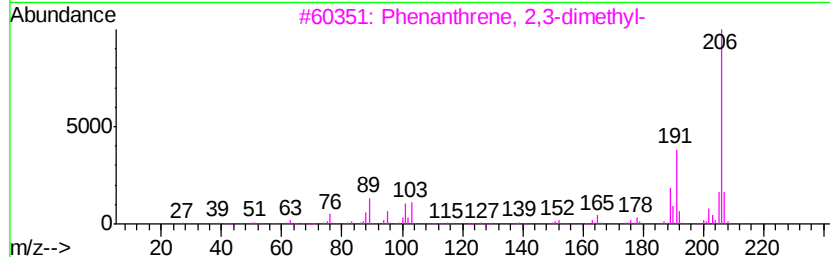
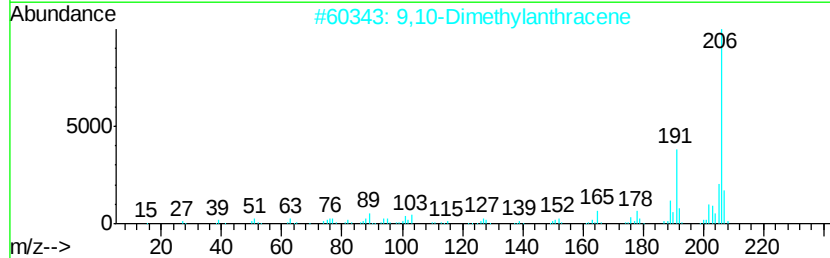
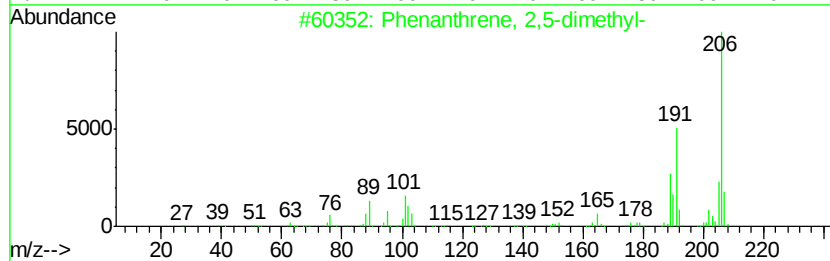
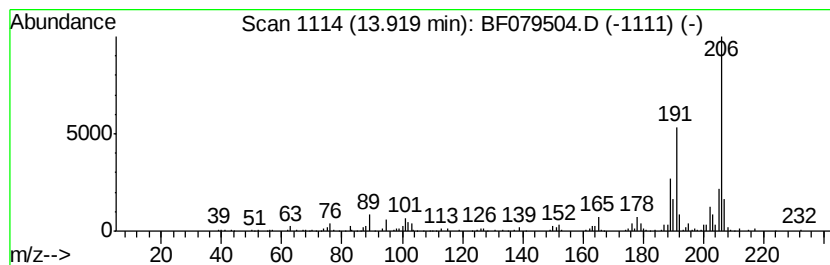
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	6.36 ng	263509	Phenanthrene-d10	12.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079504.D
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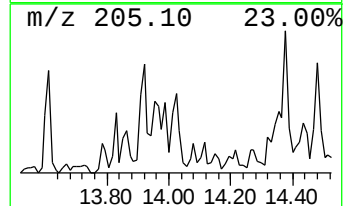
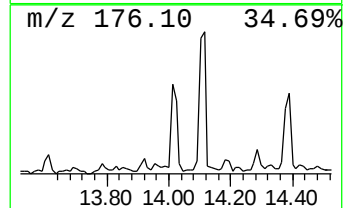
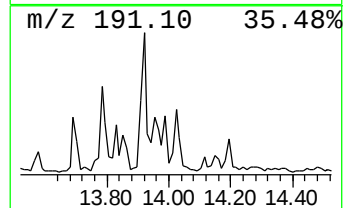
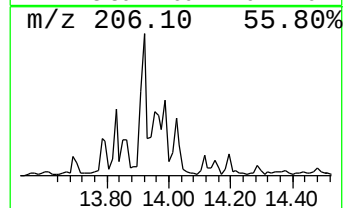
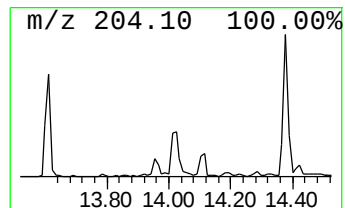
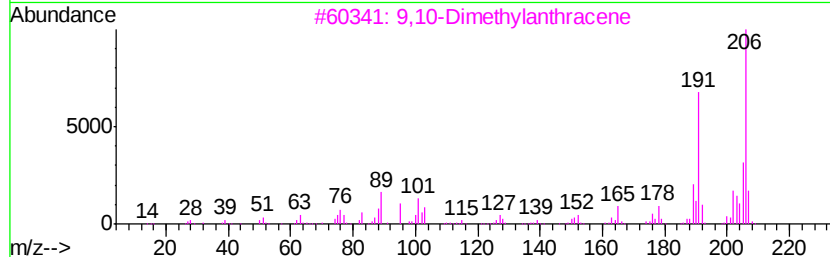
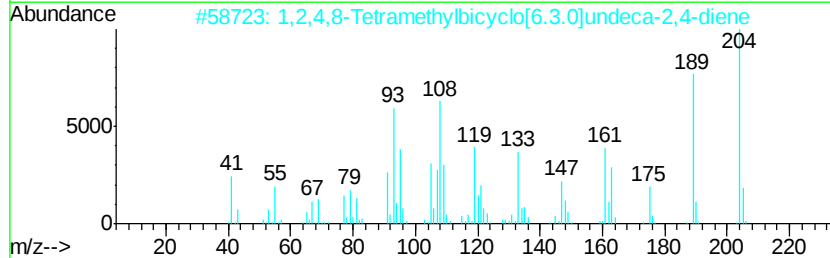
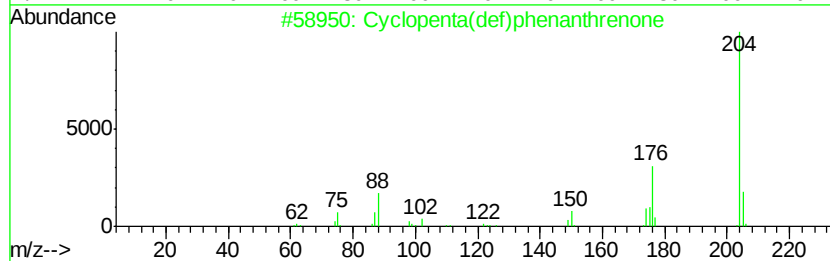
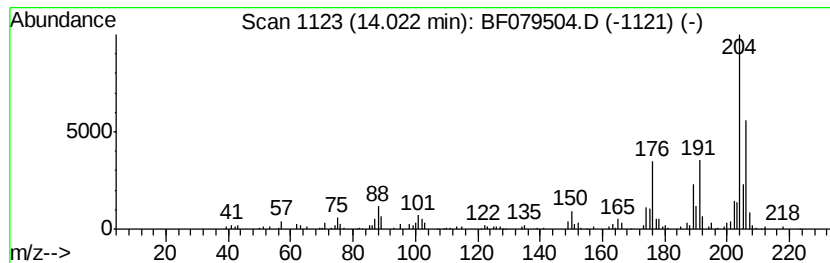
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	5.79 ng	239727	Phenanthrene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	87
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	66
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	46
5		2,4(1H,3H)-Pyrimidinedione, 5-br...	204	C5H5BrN2O2	015018-56-1	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079504.D
Acq On : 27 May 2015 5:43
Operator : TP/IZ
Sample : G2359-04 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-27S

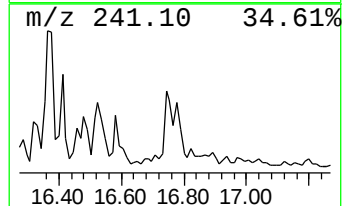
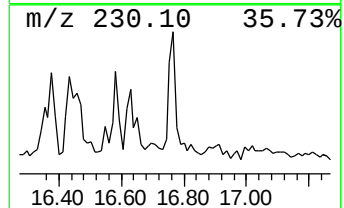
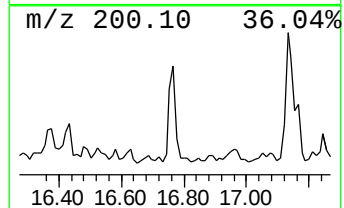
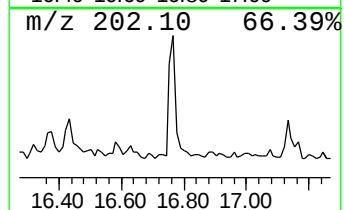
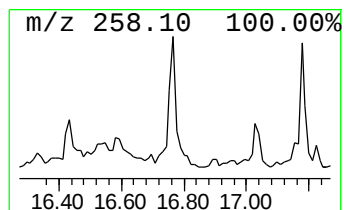
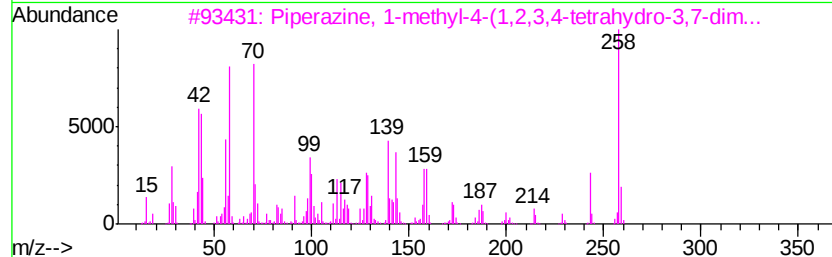
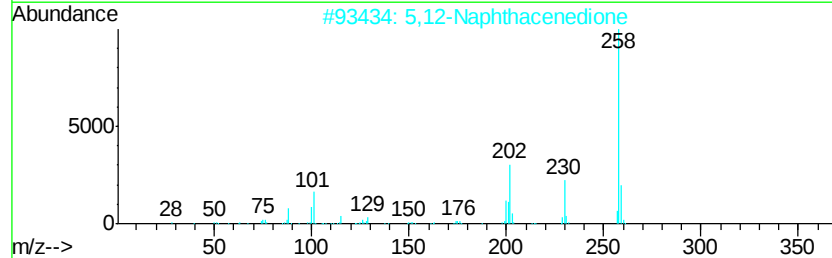
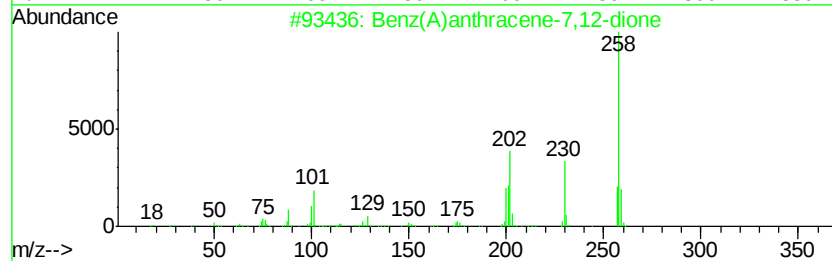
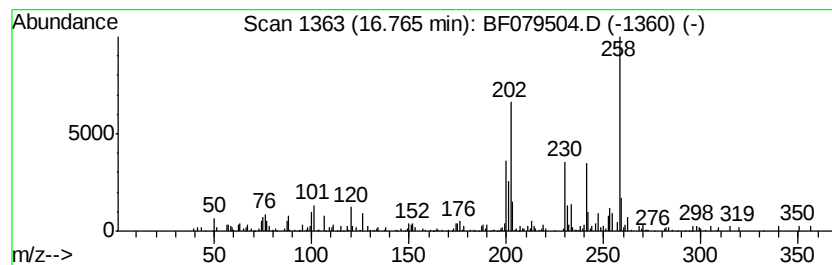
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
16.77	4.29 ng	208941	Perylene-d12	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
2		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	90
3		Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	70
4		1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	50
5		Hydroxylamine, N-(4,5-dihydro-5-...	258	C16H22N2O	1000274-03-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079504.D
Acq On : 27 May 2015 5:43
Operator : TP/IZ
Sample : G2359-04 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-27S

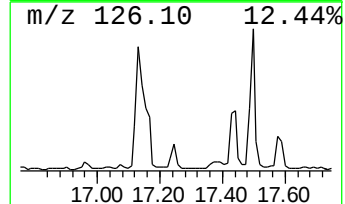
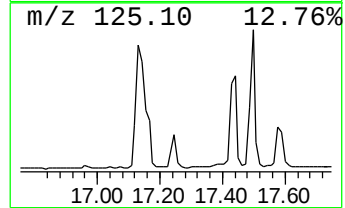
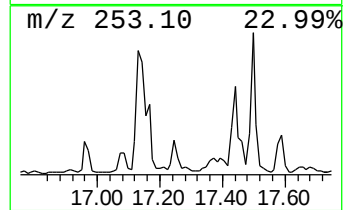
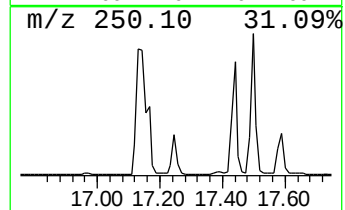
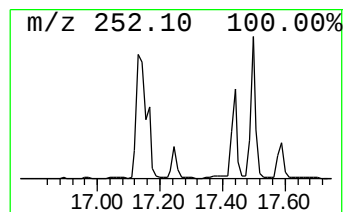
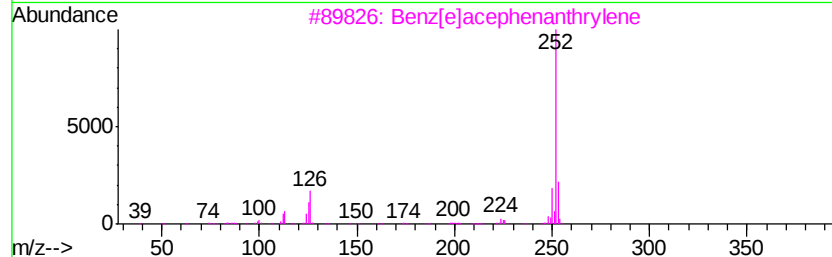
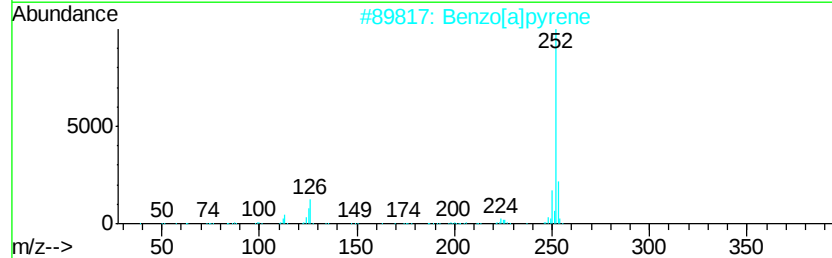
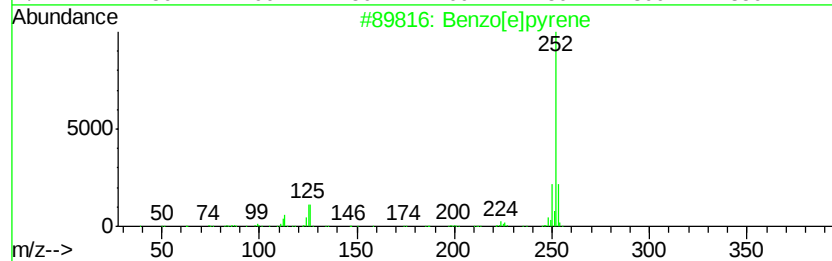
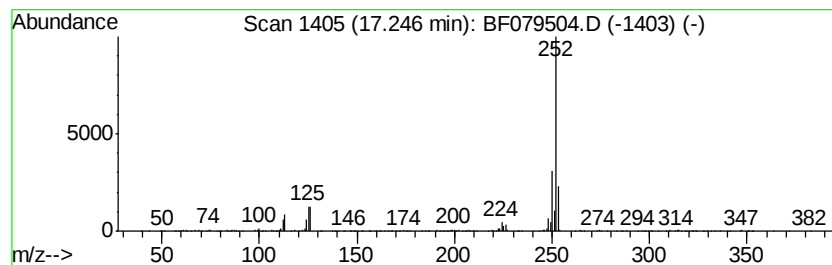
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	6.16 ng	299811	Perylene-d12	17.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5			Perylene	252	C20H12	000198-55-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
 Data File : BF079504.D
 Acq On : 27 May 2015 5:43
 Operator : TP/IZ
 Sample : G2359-04 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-27S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	1.43	7.8	ng	157713	1	7.02	406540	20.0
Phenanthrene, 2-m...	13.23	7.9	ng	327913	4	12.61	828313	20.0
Phenanthrene, 1-m...	13.27	10.5	ng	433346	4	12.61	828313	20.0
Anthracene, 1-met...	13.33	4.9	ng	203801	4	12.61	828313	20.0
4H-Cyclopenta[def...	13.36	15.2	ng	630110	4	12.61	828313	20.0
Benzene, 1,1'-(2-...	13.39	5.7	ng	235820	4	12.61	828313	20.0
5,16[1',2']:8,13[...	13.61	5.5	ng	227216	4	12.61	828313	20.0
9,10-Anthracenedione	13.63	4.3	ng	176905	4	12.61	828313	20.0
Phenanthrene, 2,5...	13.92	6.4	ng	263509	4	12.61	828313	20.0
Cyclopenta(def)ph...	14.02	5.8	ng	239727	4	12.61	828313	20.0
Benz(A)anthracene...	16.77	4.3	ng	208941	6	17.55	973989	20.0
Benzo[e]pyrene	17.25	6.2	ng	299811	6	17.55	973989	20.0