

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
 Data File : BF079535.D
 Acq On : 27 May 2015 23:21
 Operator : TP/IZ
 Sample : G2359-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31BS

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	1.256	4	6	17	rVB	129385	363544	5.71%	0.490%
2	1.416	17	20	25	rVB	180030	302441	4.75%	0.408%
3	1.576	33	34	42	rVV	499419	808613	12.71%	1.090%
4	1.690	42	44	77	rVB	2635714	6362898	100.00%	8.581%
5	4.719	306	309	324	rVB	124162	182538	2.87%	0.246%
6	5.279	356	358	368	rBV	1152801	1439708	22.63%	1.942%
7	6.593	471	473	481	rBV	1462253	1504490	23.64%	2.029%
8	6.719	481	484	486	rBV	1531319	1597548	25.11%	2.154%
9	7.005	506	509	511	rBV	338329	439644	6.91%	0.593%
10	7.188	522	525	527	rBV	1223371	1230032	19.33%	1.659%
11	7.702	567	570	572	rBV	974960	969978	15.24%	1.308%
12	8.582	644	647	651	rBV2	506234	922878	14.50%	1.245%
13	9.462	722	724	727	rBV2	185067	189801	2.98%	0.256%
14	9.588	732	735	736	rVB	88398	123888	1.95%	0.167%
15	9.931	762	765	767	rVB	1557428	1896880	29.81%	2.558%
16	10.331	798	800	802	rBV	126658	152455	2.40%	0.206%
17	10.468	811	812	818	rVB2	58462	106941	1.68%	0.144%
18	10.571	818	821	823	rBV	170098	178288	2.80%	0.240%
19	10.742	834	836	838	rVB	748090	718231	11.29%	0.969%
20	10.788	838	840	841	rBV	430649	494416	7.77%	0.667%
21	11.005	857	859	861	rVV	282941	359443	5.65%	0.485%
22	11.257	878	881	884	rBV2	47016	104016	1.63%	0.140%
23	11.428	894	896	898	rVB	468245	543106	8.54%	0.732%
24	11.508	898	903	904	rBV	92028	179502	2.82%	0.242%
25	11.622	911	913	917	rVB	160030	209460	3.29%	0.282%
26	11.725	919	922	925	rVV	1428364	1515223	23.81%	2.043%
27	12.102	953	955	957	rBV2	106770	200642	3.15%	0.271%
28	12.274	969	970	975	rVV4	99792	216509	3.40%	0.292%
29	12.354	975	977	979	rVB	132777	179845	2.83%	0.243%
30	12.411	979	982	984	rBV	153730	193077	3.03%	0.260%
31	12.457	984	986	987	rVB	172950	224008	3.52%	0.302%
32	12.582	994	997	998	rBV	732851	771517	12.13%	1.040%
33	12.617	998	1000	1002	rVV	3386424	3531527	55.50%	4.763%
34	12.674	1002	1005	1008	rVB	1105954	1174175	18.45%	1.583%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.731	1008	1010	1012	rBV2	86590	127309	2.00%	0.172%
36	12.857	1019	1021	1022	rBV	82855	115275	1.81%	0.155%
37	12.891	1022	1024	1025	rBV	387222	413599	6.50%	0.558%
38	12.971	1029	1031	1032	rVV	88891	106289	1.67%	0.143%
39	12.994	1032	1033	1038	rVV4	54747	127256	2.00%	0.172%
40	13.211	1049	1052	1053	rBV	549934	539235	8.47%	0.727%
41	13.245	1053	1055	1058	rVB	694774	709867	11.16%	0.957%
42	13.302	1058	1060	1062	rBV	361701	411723	6.47%	0.555%
43	13.337	1062	1063	1070	rVB2	688346	1450751	22.80%	1.956%
44	13.451	1070	1073	1075	rBV3	83830	183018	2.88%	0.247%
45	13.588	1083	1085	1086	rVV	342839	371533	5.84%	0.501%
46	13.611	1086	1087	1089	rVB	195301	208827	3.28%	0.282%
47	13.771	1099	1101	1103	rBV	129203	185994	2.92%	0.251%
48	13.897	1109	1112	1114	rBV	328152	488397	7.68%	0.659%
49	13.943	1114	1116	1117	rVV2	170463	251202	3.95%	0.339%
50	14.000	1119	1121	1125	rVB2	225257	378282	5.95%	0.510%
51	14.091	1126	1129	1131	rBV	3717945	3906651	61.40%	5.268%
52	14.171	1133	1136	1137	rBV3	144070	185313	2.91%	0.250%
53	14.205	1137	1139	1142	rVB2	69987	119657	1.88%	0.161%
54	14.263	1142	1144	1146	rBV2	214762	299084	4.70%	0.403%
55	14.365	1150	1153	1155	rVB2	3117330	4128677	64.89%	5.568%
56	14.400	1155	1156	1158	rBV3	81198	145924	2.29%	0.197%
57	14.525	1165	1167	1169	rBV	305986	352217	5.54%	0.475%
58	14.583	1169	1172	1174	rVB	1566167	2168799	34.09%	2.925%
59	14.651	1174	1178	1180	rBV2	222080	399443	6.28%	0.539%
60	14.754	1183	1187	1188	rBV3	242738	602920	9.48%	0.813%
61	14.788	1188	1190	1192	rVB	448637	585428	9.20%	0.790%
62	14.868	1194	1197	1199	rVV	356301	374751	5.89%	0.505%
63	14.914	1199	1201	1202	rVV	375030	578168	9.09%	0.780%
64	15.017	1208	1210	1212	rVB	240550	233300	3.67%	0.315%
65	15.063	1212	1214	1216	rBV	196642	286156	4.50%	0.386%
66	15.154	1220	1222	1224	rBV2	93093	129986	2.04%	0.175%
67	15.223	1224	1228	1231	rBV	597845	828098	13.01%	1.117%
68	15.314	1235	1236	1238	rVV2	134047	176190	2.77%	0.238%
69	15.417	1241	1245	1248	rBV2	272820	474874	7.46%	0.640%
70	15.543	1254	1256	1258	rBV	286913	441560	6.94%	0.595%
71	15.588	1258	1260	1263	rVV3	310692	666593	10.48%	0.899%

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72	15.634	1263	1264	1266	rVV2	189093	227276	3.57%	0.307%
73	15.680	1266	1268	1270	rVB	341656	347301	5.46%	0.468%
74	15.748	1272	1274	1278	rVV2	249518	447964	7.04%	0.604%
75	15.851	1279	1283	1286	rVV2	1775329	3830663	60.20%	5.166%
76	15.897	1286	1287	1292	rVB	1789971	1694192	26.63%	2.285%
77	15.988	1292	1295	1297	rBV2	351196	417043	6.55%	0.562%
78	16.114	1305	1306	1308	rVB2	183413	227192	3.57%	0.306%
79	16.160	1308	1310	1317	rBV2	241591	390916	6.14%	0.527%
80	16.308	1321	1323	1324	rBV2	114914	138677	2.18%	0.187%
81	16.354	1324	1327	1329	rBV	428110	530549	8.34%	0.715%
82	16.400	1329	1331	1333	rVB	137546	171754	2.70%	0.232%
83	16.468	1335	1337	1339	rVB	173576	159527	2.51%	0.215%
84	16.503	1339	1340	1343	rBV2	98587	173735	2.73%	0.234%
85	16.617	1348	1350	1353	rVB	111773	159869	2.51%	0.216%
86	16.754	1359	1362	1363	rBV2	143854	263838	4.15%	0.356%
87	16.960	1376	1380	1385	rBV3	132317	429560	6.75%	0.579%
88	17.131	1392	1395	1400	rBV	1485607	3304383	51.93%	4.456%
89	17.246	1403	1405	1407	rVB	350266	399388	6.28%	0.539%
90	17.440	1420	1422	1425	rBV	967810	1145378	18.00%	1.545%
91	17.509	1425	1428	1431	rVB	1372868	1836620	28.86%	2.477%
92	17.566	1431	1433	1434	rBV	680346	825382	12.97%	1.113%
93	17.589	1434	1435	1441	rVB2	401613	568982	8.94%	0.767%
94	18.732	1532	1535	1537	rBV2	110928	226248	3.56%	0.305%
95	18.880	1544	1548	1552	rVB2	660351	1300545	20.44%	1.754%
96	19.040	1559	1562	1564	rBV	182438	398029	6.26%	0.537%
97	19.086	1564	1566	1568	rVB	135791	219813	3.45%	0.296%
98	19.257	1578	1581	1589	rVB	532200	1047076	16.46%	1.412%
99	19.474	1597	1600	1602	rBV	134240	250723	3.94%	0.338%
100	21.223	1750	1753	1760	rVB	165690	479284	7.53%	0.646%

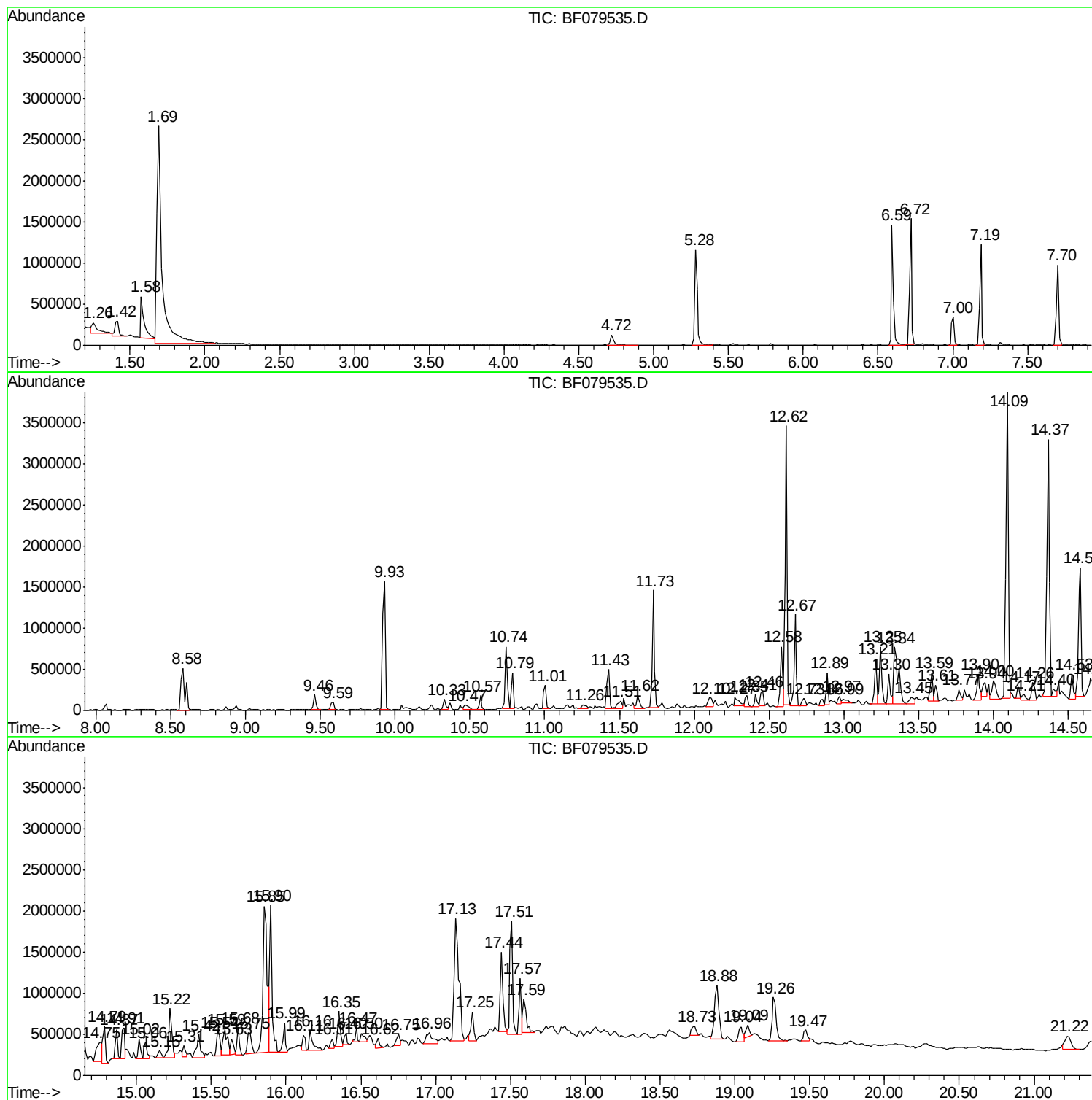
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Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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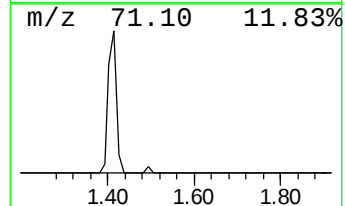
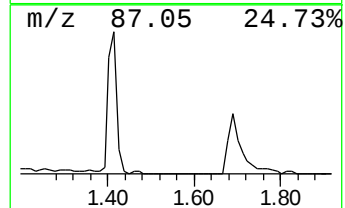
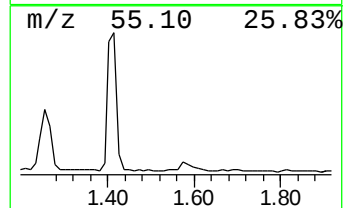
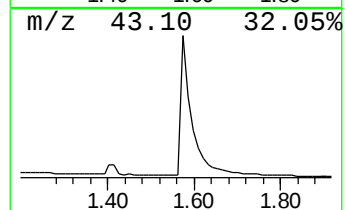
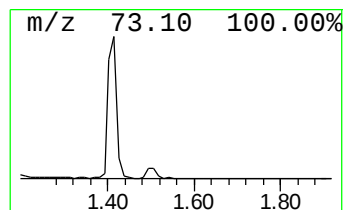
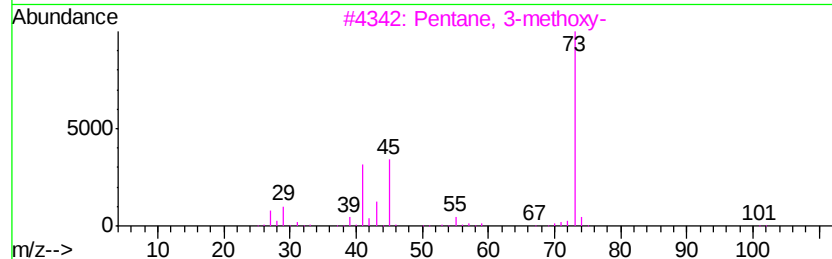
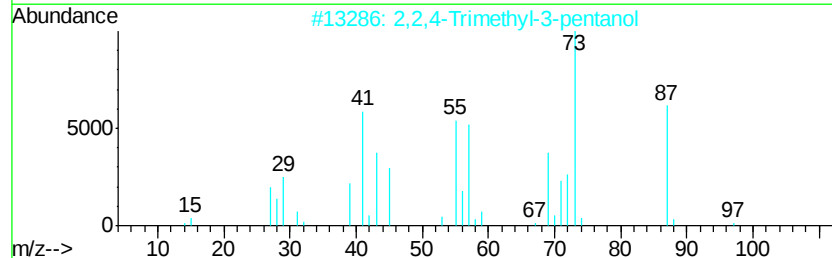
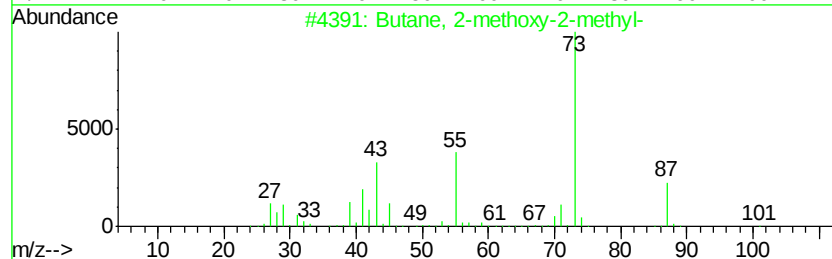
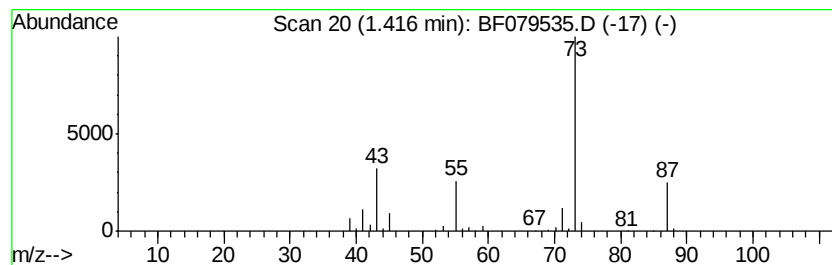
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	13.76 ng	302441	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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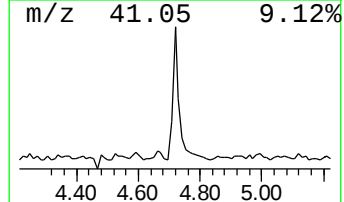
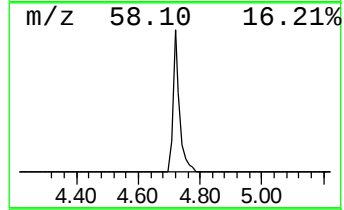
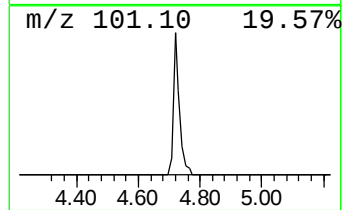
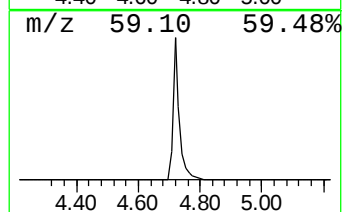
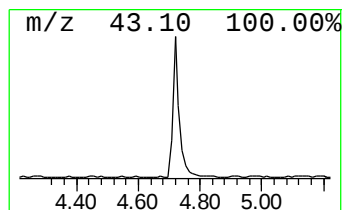
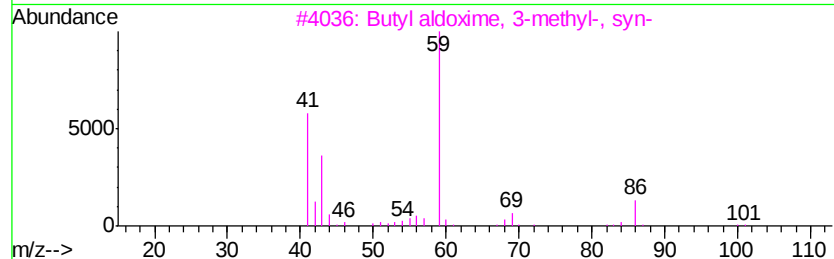
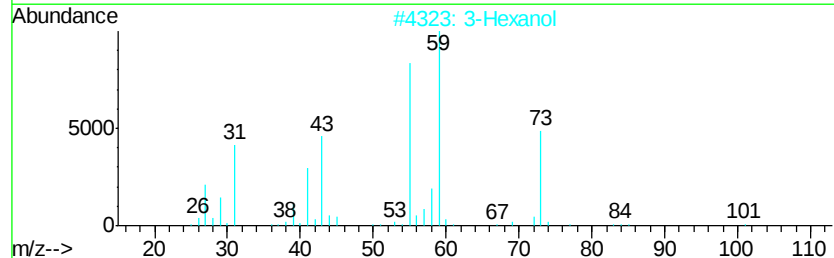
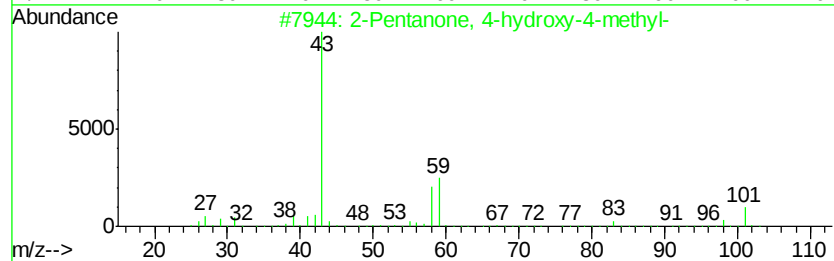
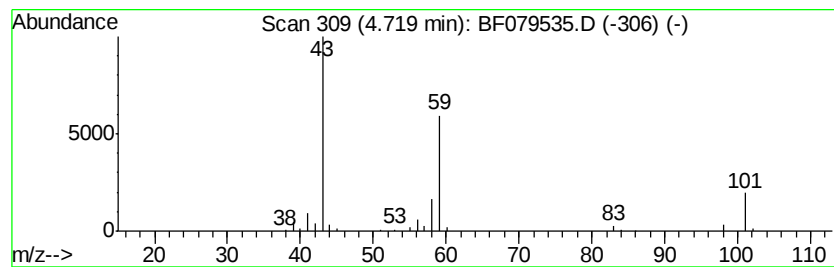
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	8.30 ng	182538	1,4-Dichlorobenzene-d4	7.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		3-Hexanol	102	C6H14O	000623-37-0	28
3		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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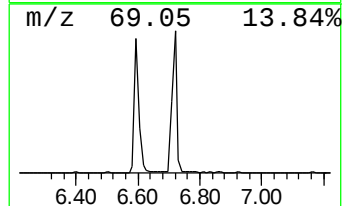
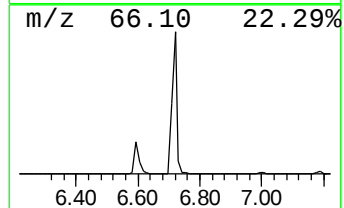
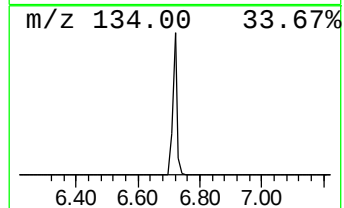
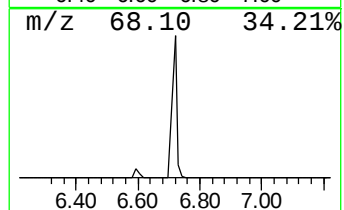
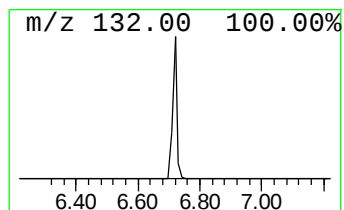
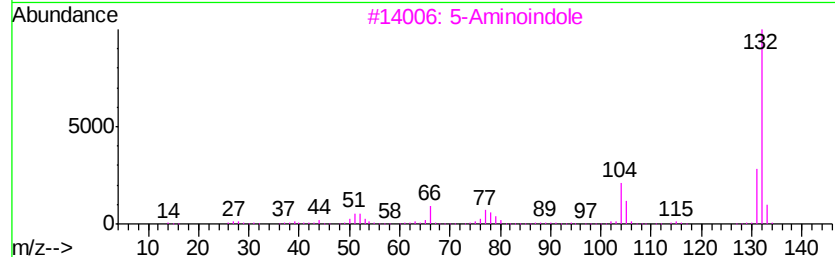
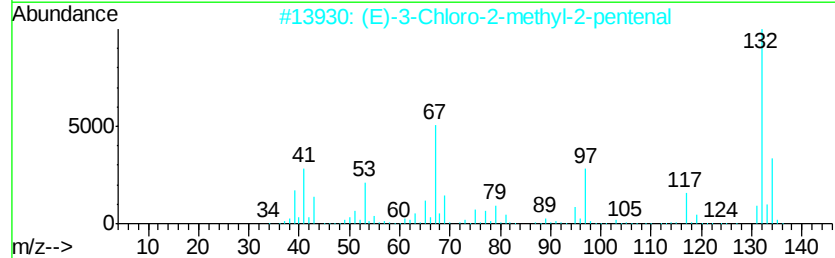
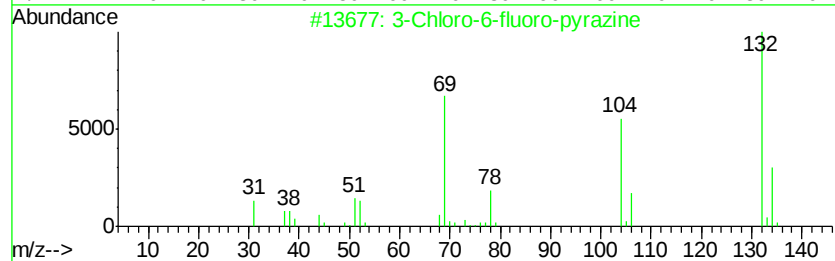
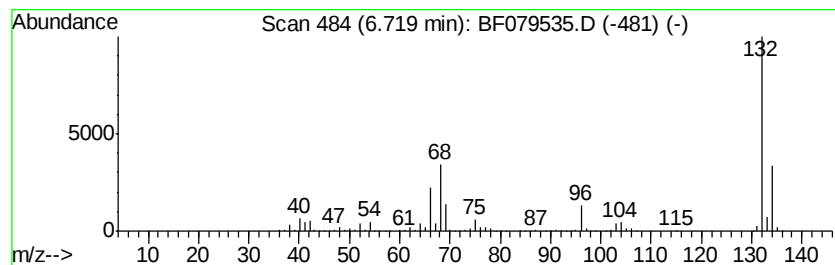
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.72 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	72.67 ng	1597550	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
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Acq On : 27 May 2015 23:21
Operator : TP/IZ
Sample : G2359-10
Misc :
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Instrument :
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ClientSampleId :
SB-31BS

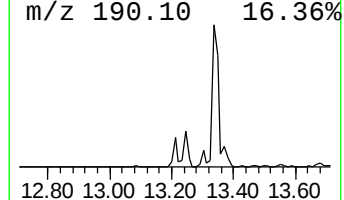
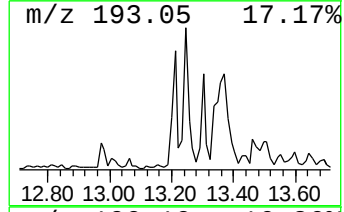
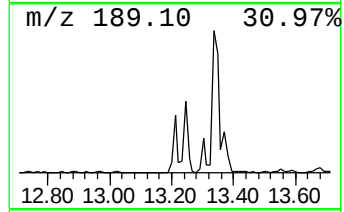
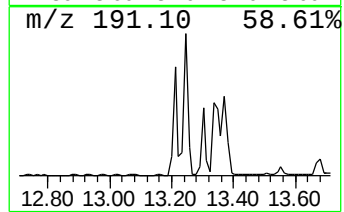
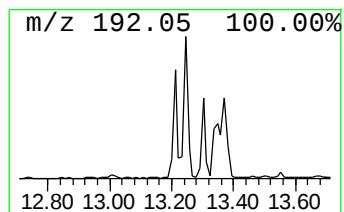
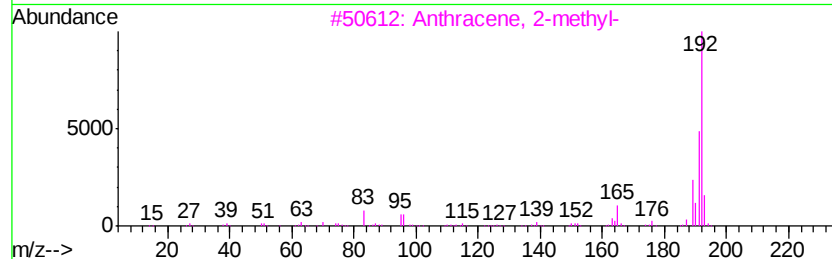
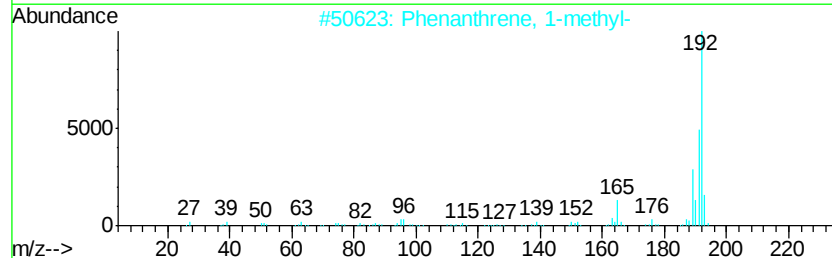
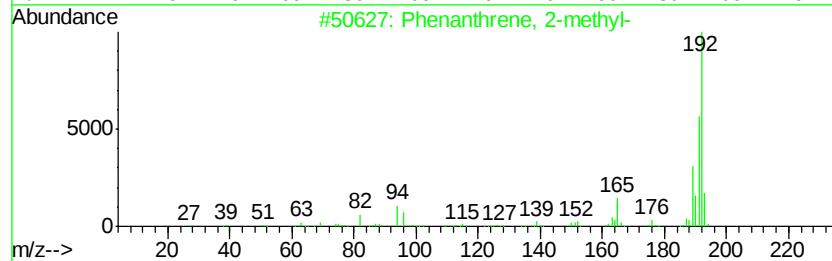
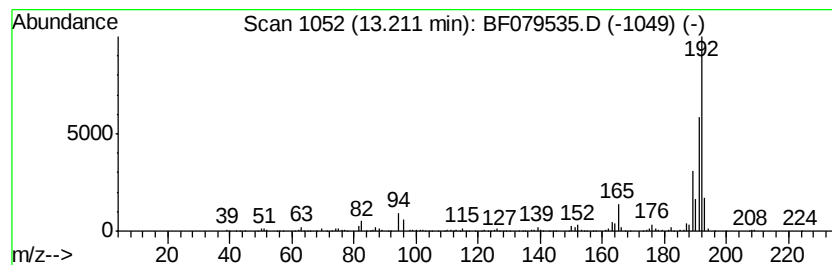
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	13.98 ng	539235	Phenanthrene-d10	12.58

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		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
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ClientSampleId :
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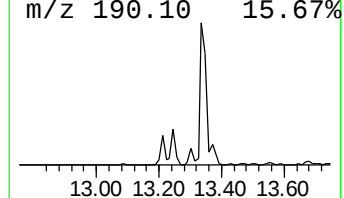
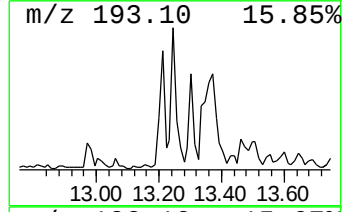
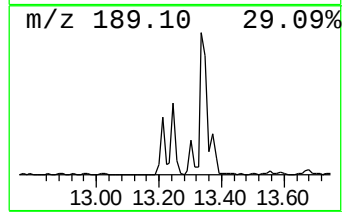
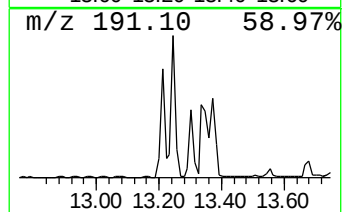
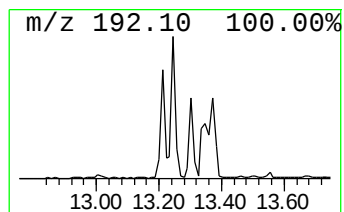
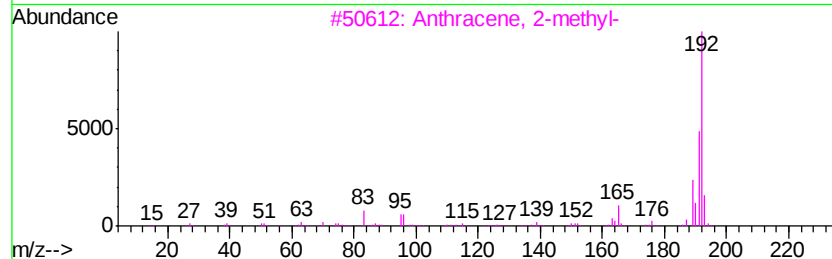
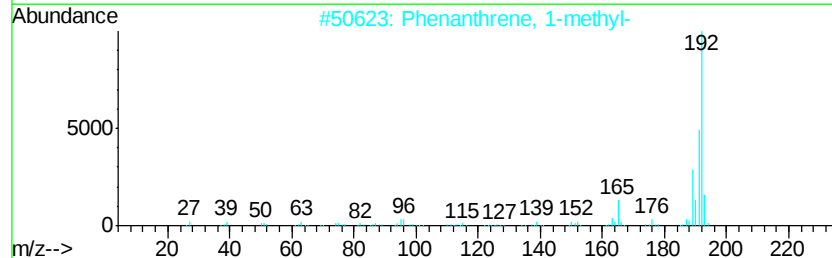
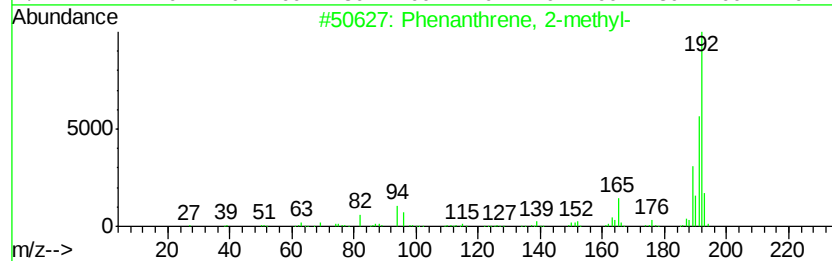
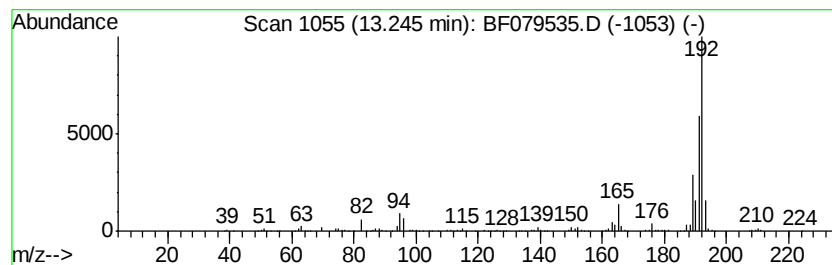
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	18.40 ng	709867	Phenanthrene-d10	12.58

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079535.D
Acq On : 27 May 2015 23:21
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Sample : G2359-10
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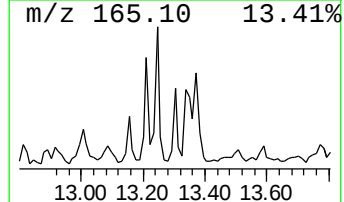
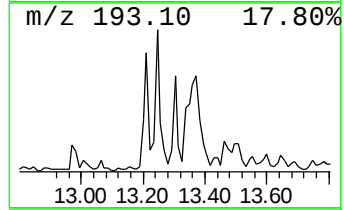
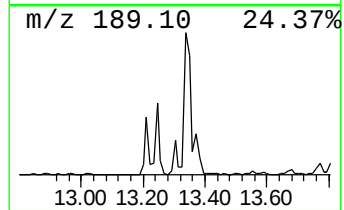
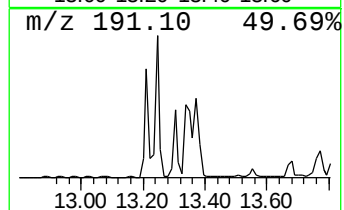
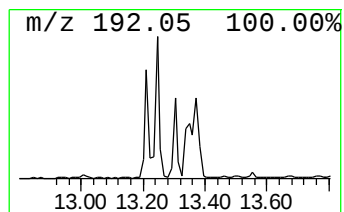
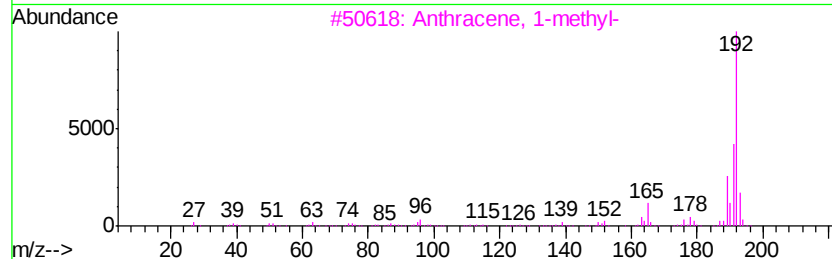
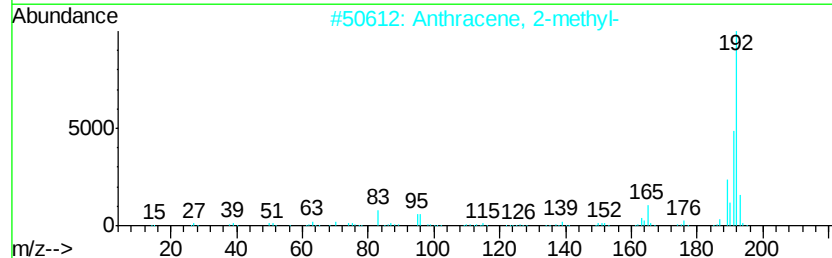
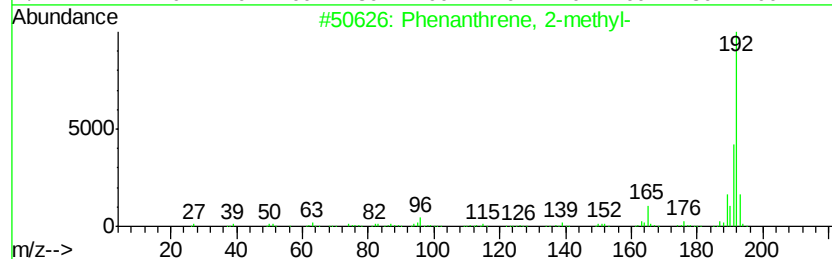
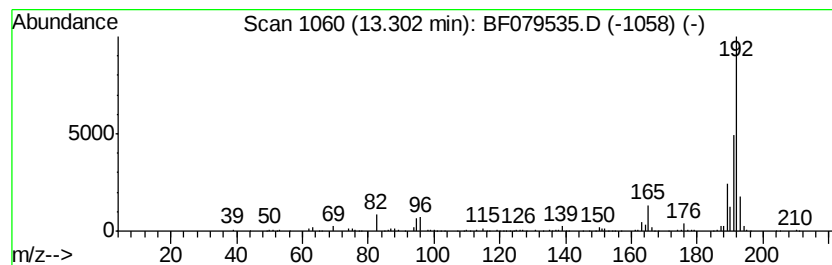
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	10.67 ng	411723	Phenanthrene-d10	12.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079535.D
Acq On : 27 May 2015 23:21
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Misc :
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ClientSampleId :
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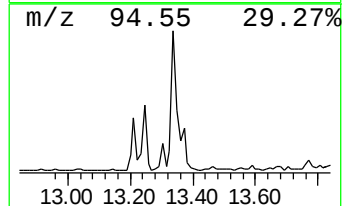
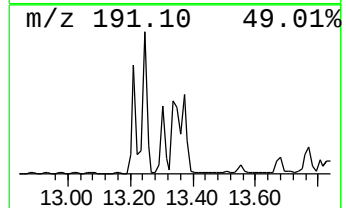
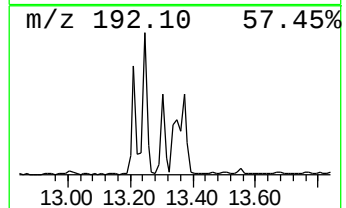
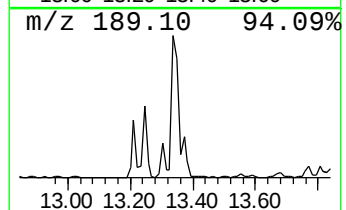
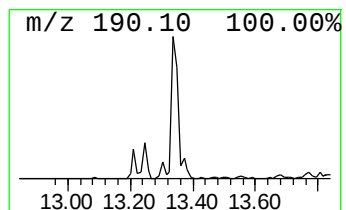
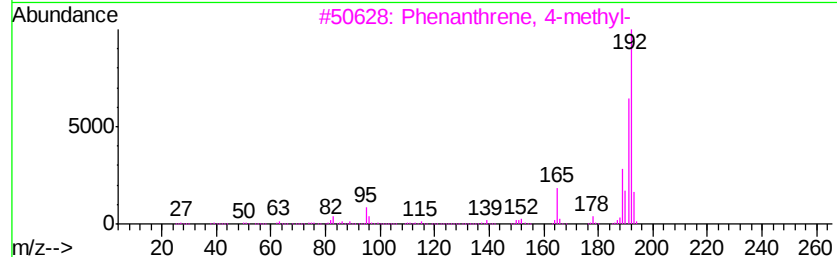
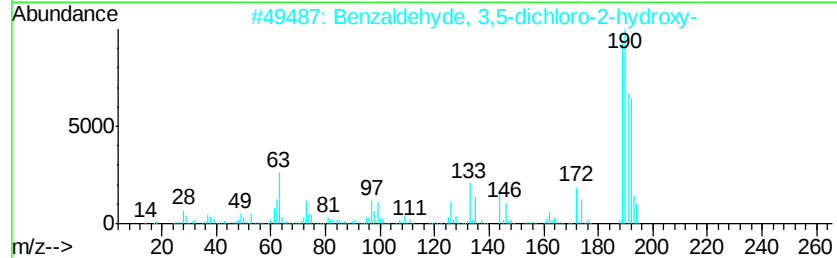
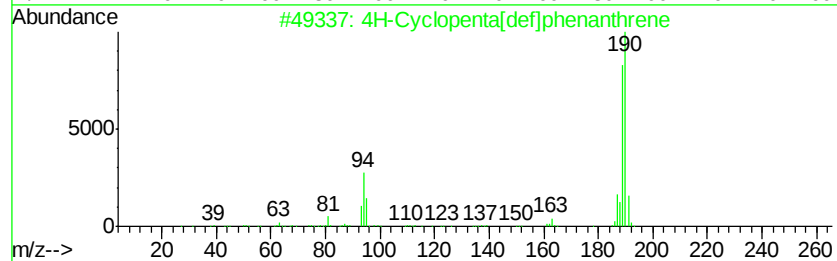
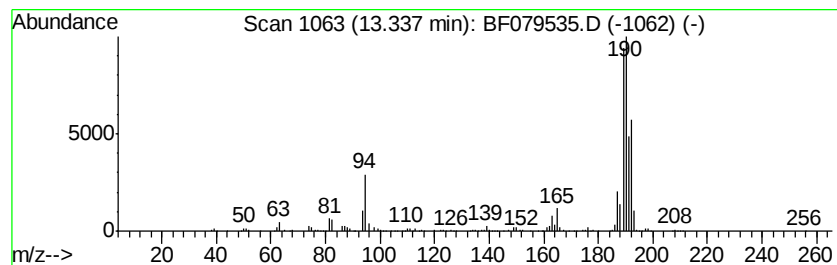
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	37.61 ng	1450750	Phenanthrene-d10	12.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4		Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
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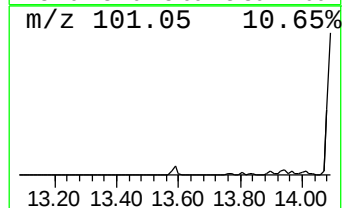
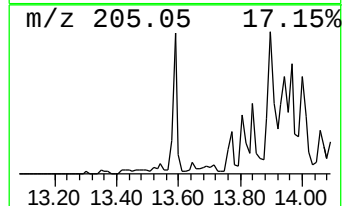
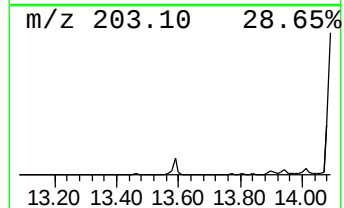
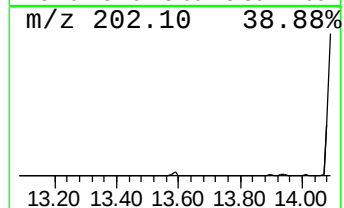
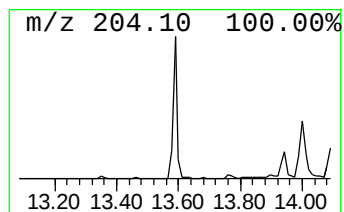
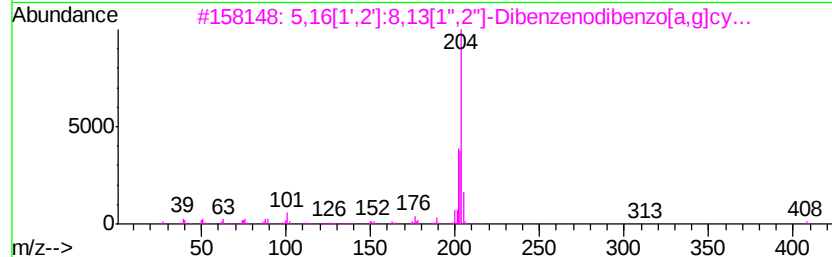
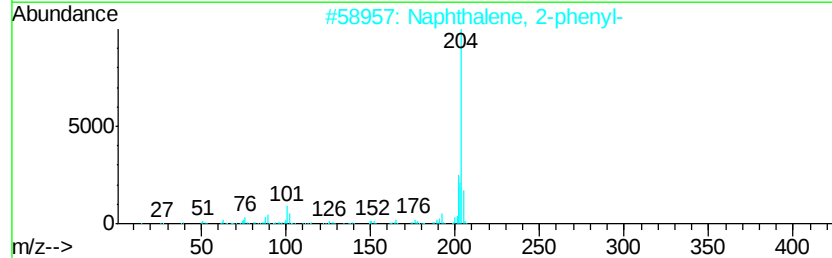
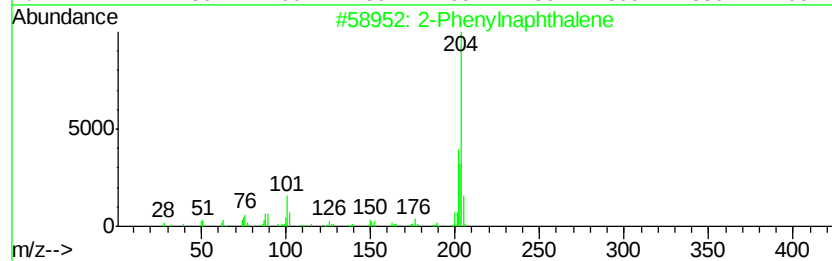
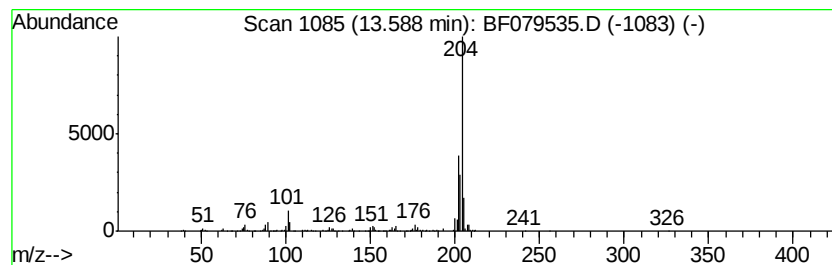
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 2-Phenylnaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	9.63 ng	371533	Phenanthrene-d10	12.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
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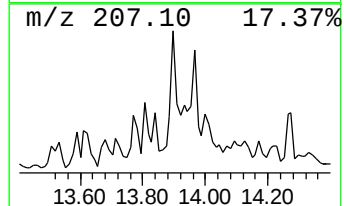
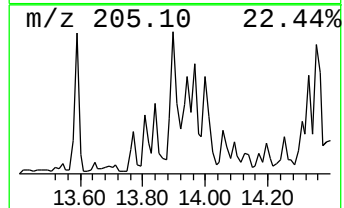
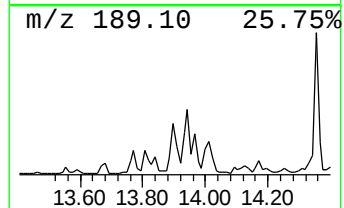
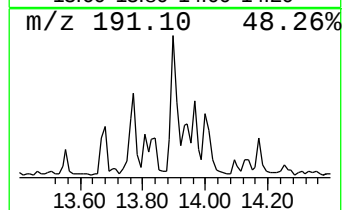
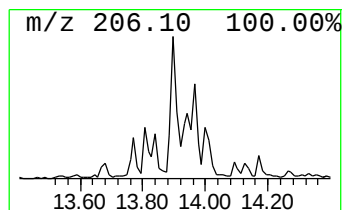
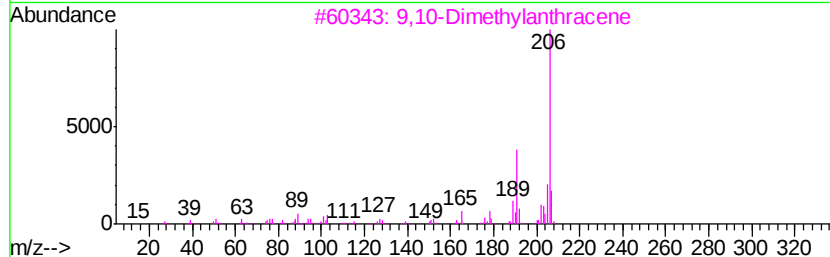
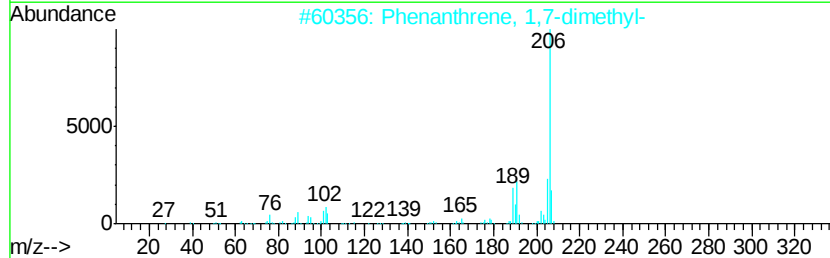
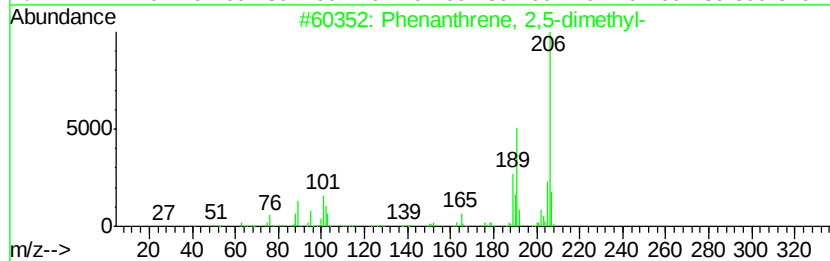
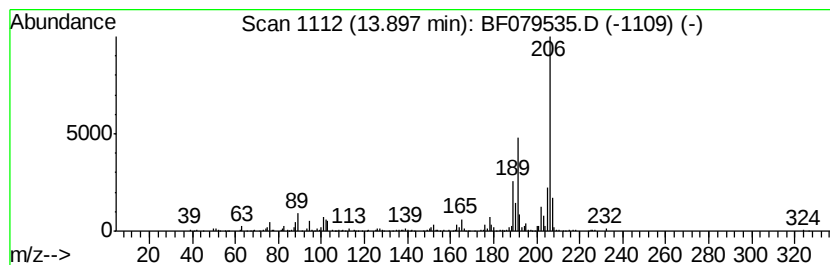
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	12.66 ng	488397	Phenanthrene-d10	12.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079535.D
Acq On : 27 May 2015 23:21
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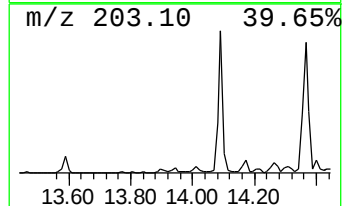
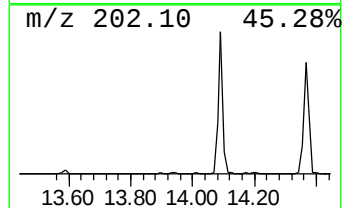
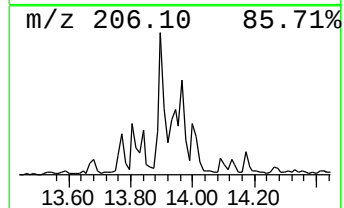
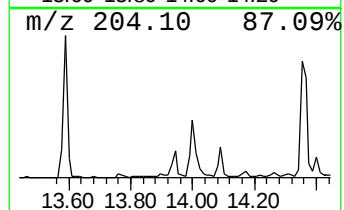
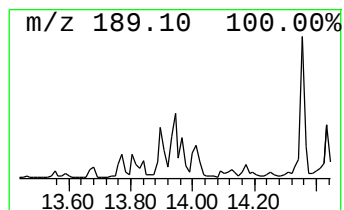
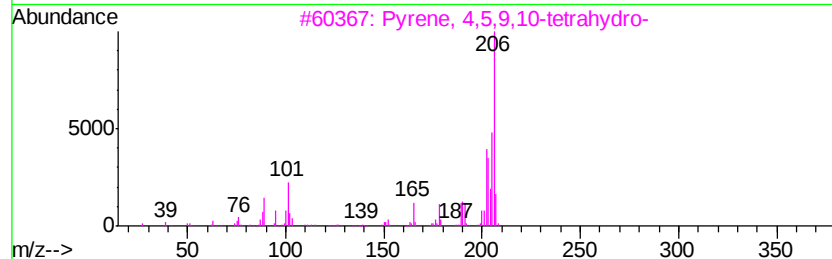
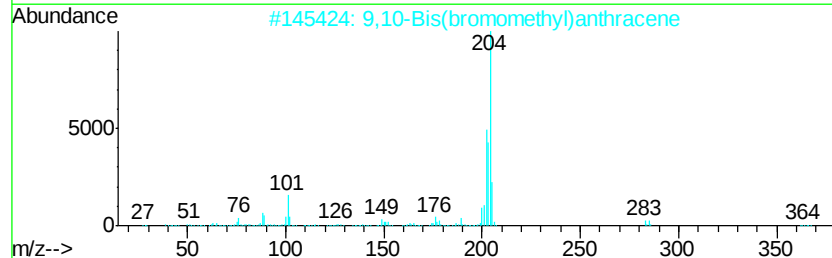
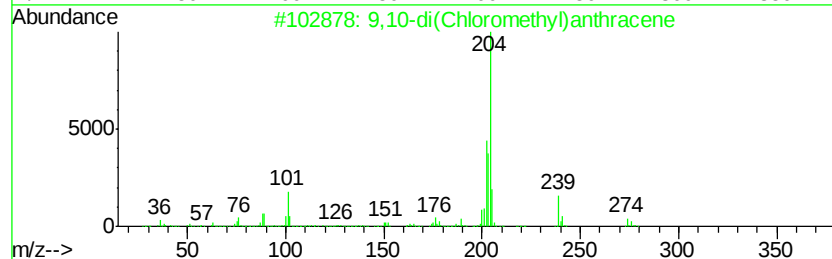
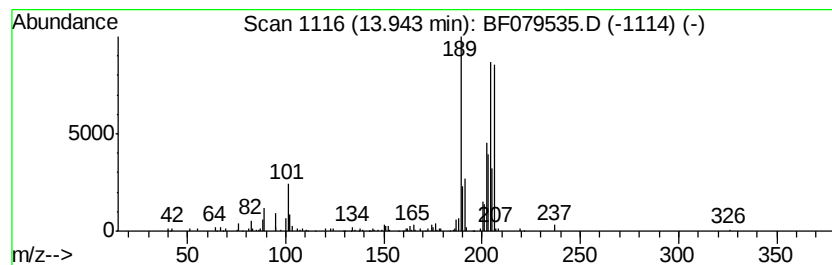
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.94 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	6.51 ng	251202	Phenanthrene-d10	12.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38		
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38		
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35		
4	1,2,3,3a-Tetrahydro-10-phenylben...	260	C18H16N2	028749-06-6	35		
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	30		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079535.D
Acq On : 27 May 2015 23:21
Operator : TP/IZ
Sample : G2359-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-31BS

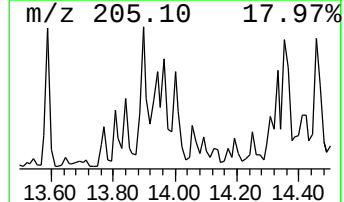
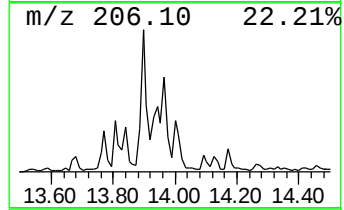
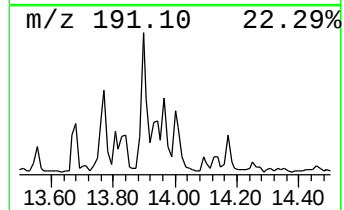
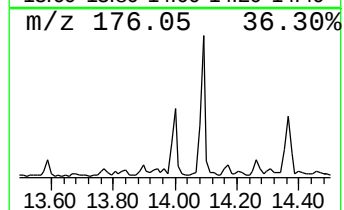
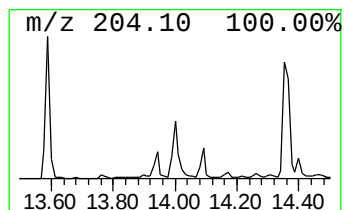
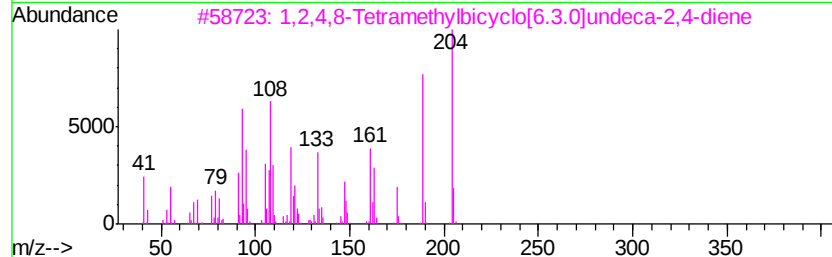
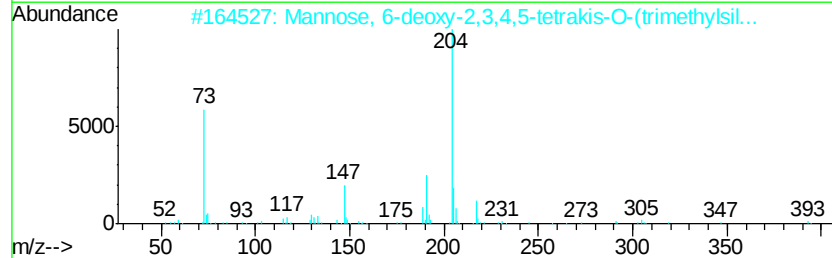
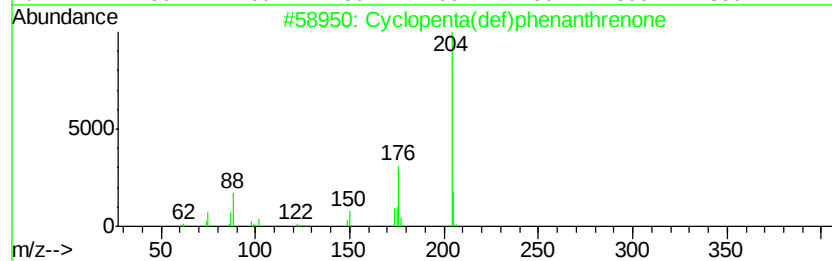
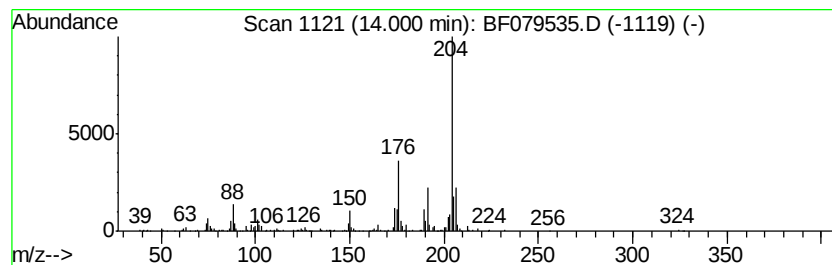
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	9.81 ng	378282	Phenanthrene-d10	12.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	50
3		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
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Operator : TP/IZ
Sample : G2359-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-31BS

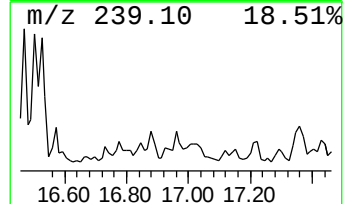
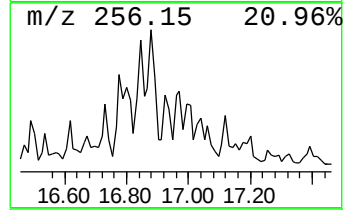
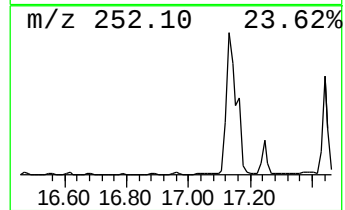
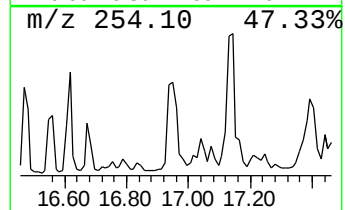
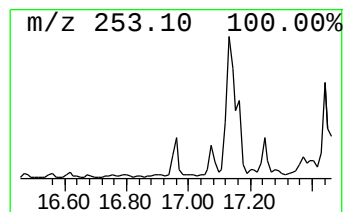
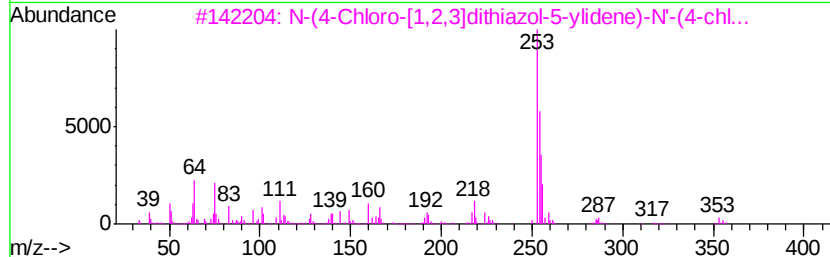
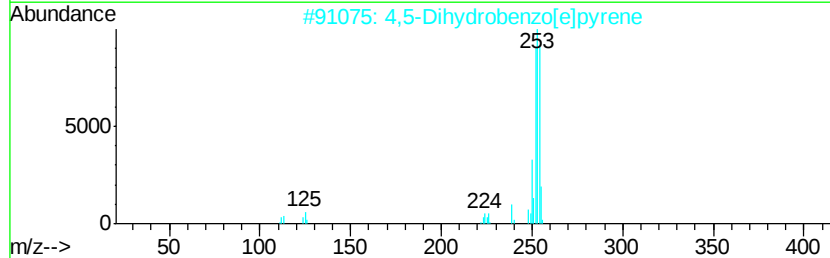
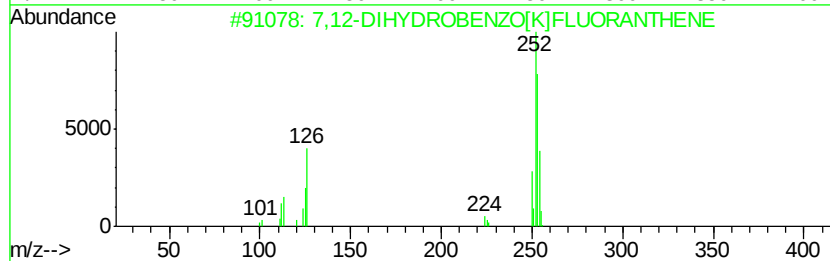
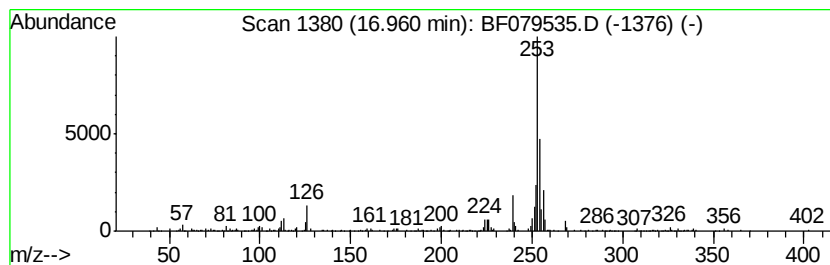
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 7,12-DIHYDROBENZO[K]FLUORAN... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	10.41 ng	429560	Perylene-d12	17.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	62
2		4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	43
3		N-(4-Chloro-[1,2,3]dithiazol-5-y...	353	C14H9ClN2S2	1000294-66-5	42
4		4,4'-Biazulenyl	254	C20H14	094053-54-0	38
5		4,6'-Biazulenyl	254	C20H14	094154-49-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
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Acq On : 27 May 2015 23:21
Operator : TP/IZ
Sample : G2359-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

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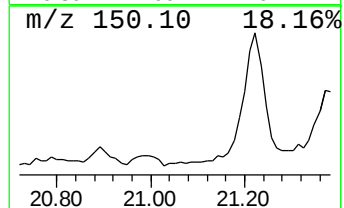
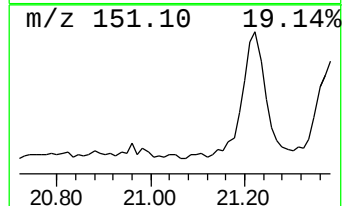
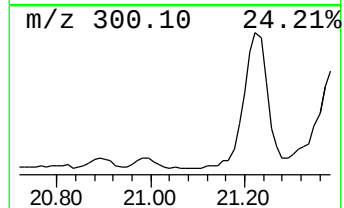
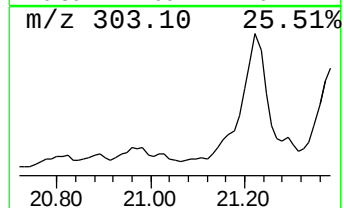
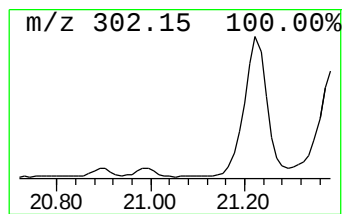
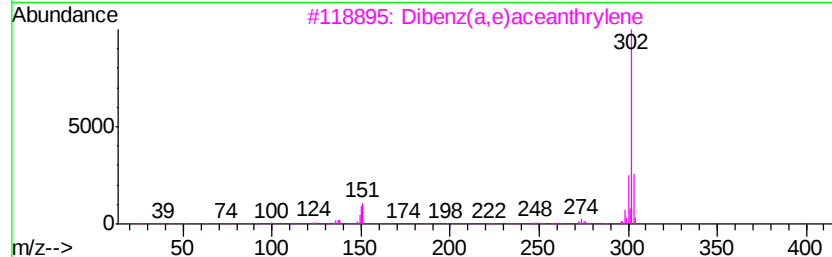
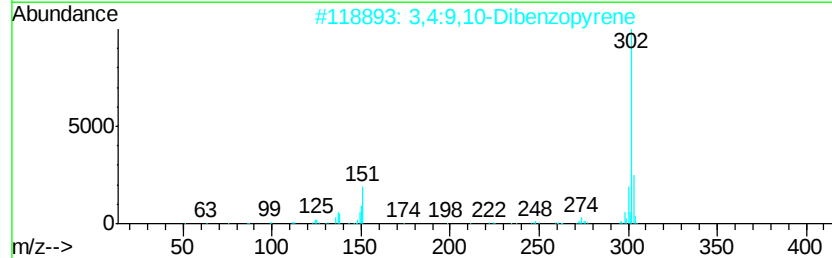
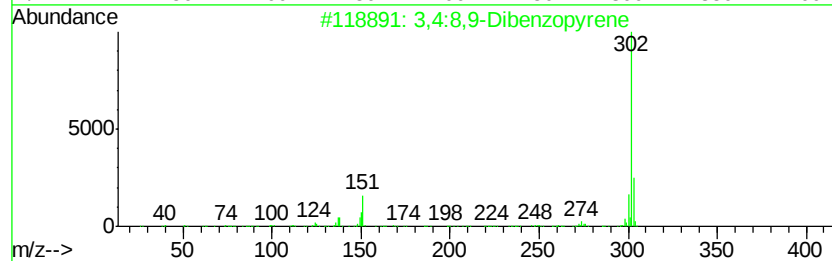
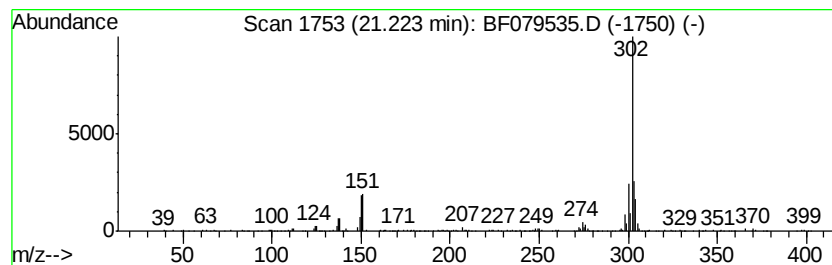
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	11.61 ng	479284	Perylene-d12	17.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
2			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	95
3			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	90
4			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	76
5			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
 Data File : BF079535.D
 Acq On : 27 May 2015 23:21
 Operator : TP/IZ
 Sample : G2359-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31BS

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...	1.42	13.8	ng	302441	1	7.00	439644	20.0
2-Pentanone, 4-hy...	4.72	8.3	ng	182538	1	7.00	439644	20.0
unknown6.72	6.72	72.7	ng	1597550	1	7.00	439644	20.0
Phenanthrene, 2-m...	13.21	14.0	ng	539235	4	12.58	771517	20.0
Phenanthrene, 1-m...	13.25	18.4	ng	709867	4	12.58	771517	20.0
Anthracene, 2-met...	13.30	10.7	ng	411723	4	12.58	771517	20.0
4H-Cyclopenta[def...	13.34	37.6	ng	1450750	4	12.58	771517	20.0
2-Phenylnaphthalene	13.59	9.6	ng	371533	4	12.58	771517	20.0
Phenanthrene, 2,5...	13.90	12.7	ng	488397	4	12.58	771517	20.0
unknown13.94	13.94	6.5	ng	251202	4	12.58	771517	20.0
Cyclopenta(def)ph...	14.00	9.8	ng	378282	4	12.58	771517	20.0
7,12-DIHYDROBENZO...	16.96	10.4	ng	429560	6	17.57	825382	20.0
3,4:8,9-Dibenzopy...	21.22	11.6	ng	479284	6	17.57	825382	20.0