

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078518.D
 Acq On : 15 Apr 2015 00:18
 Operator : TP/IZ
 Sample : G1828-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB04B

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-BF040115.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	1.495	26	27	34	rBV	152214	242644	10.91%	0.783%
2	1.598	34	36	72	rVB	860031	2224676	100.00%	7.177%
3	4.456	284	286	295	rVB	41296	60938	2.74%	0.197%
4	5.062	336	339	345	rBV	380092	548632	24.66%	1.770%
5	6.410	455	457	464	rVB	515736	590261	26.53%	1.904%
6	6.525	464	467	469	rBV	507787	603110	27.11%	1.946%
7	6.799	489	491	494	rBV	83352	110356	4.96%	0.356%
8	6.913	498	501	503	rBV	56039	49054	2.20%	0.158%
9	6.993	505	508	510	rBV	316841	370630	16.66%	1.196%
10	7.507	551	553	555	rBV	390172	339957	15.28%	1.097%
11	8.388	627	630	631	rBV	127548	160262	7.20%	0.517%
12	9.736	745	748	750	rVB	484459	567294	25.50%	1.830%
13	10.365	801	803	806	rBV	100974	95301	4.28%	0.307%
14	10.536	816	818	820	rBV	161427	203420	9.14%	0.656%
15	10.856	844	846	851	rBV	38217	43603	1.96%	0.141%
16	11.211	875	877	880	rVB	73396	103985	4.67%	0.335%
17	11.416	893	895	899	rVB2	76054	106234	4.78%	0.343%
18	11.519	902	904	907	rVV	503553	551068	24.77%	1.778%
19	11.896	934	937	939	rBV	66524	99129	4.46%	0.320%
20	11.999	942	946	948	rVB2	27610	47709	2.14%	0.154%
21	12.068	950	952	957	rBV3	60889	146892	6.60%	0.474%
22	12.194	961	963	965	rBV	62203	90961	4.09%	0.293%
23	12.239	965	967	968	rVB	57763	70453	3.17%	0.227%
24	12.365	976	978	979	rBV	224337	219868	9.88%	0.709%
25	12.399	979	981	983	rVV	442422	557470	25.06%	1.798%
26	12.457	983	986	989	rVV	560363	513411	23.08%	1.656%
27	12.525	989	992	993	rVV2	37692	56221	2.53%	0.181%
28	12.994	1030	1033	1034	rVV	229374	229774	10.33%	0.741%
29	13.028	1034	1036	1039	rVV	239029	251130	11.29%	0.810%
30	13.085	1039	1041	1042	rVV	195978	194180	8.73%	0.626%
31	13.119	1042	1044	1046	rVV	422599	522164	23.47%	1.685%
32	13.154	1046	1047	1051	rVB	167520	145576	6.54%	0.470%
33	13.371	1063	1066	1069	rVB	157578	194509	8.74%	0.628%
34	13.554	1079	1082	1083	rBV	32374	52892	2.38%	0.171%

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35	13.668	1089	1092	1094	rBV	112837	186880	8.40%	0.603%
36	13.714	1094	1096	1098	rVV2	99761	158468	7.12%	0.511%
37	13.782	1100	1102	1106	rVB	74551	125169	5.63%	0.404%
38	13.862	1106	1109	1111	rBV	1845190	2035692	91.51%	6.567%
39	13.897	1111	1112	1114	rVB2	55198	56978	2.56%	0.184%
40	13.942	1114	1116	1117	rBV2	55395	59864	2.69%	0.193%
41	13.977	1117	1119	1122	rVB	163966	187735	8.44%	0.606%
42	14.034	1122	1124	1126	rBV	110750	136275	6.13%	0.440%
43	14.137	1130	1133	1135	rBV2	1684717	2081516	93.56%	6.715%
44	14.171	1135	1136	1137	rVB	74957	51383	2.31%	0.166%
45	14.205	1137	1139	1140	rBV2	92928	91389	4.11%	0.295%
46	14.240	1140	1142	1144	rVB	114451	125473	5.64%	0.405%
47	14.297	1144	1147	1149	rBV	149354	173284	7.79%	0.559%
48	14.354	1149	1152	1154	rVB	656788	740375	33.28%	2.389%
49	14.422	1154	1158	1160	rBV2	110452	200841	9.03%	0.648%
50	14.525	1164	1167	1168	rBV	118904	211265	9.50%	0.682%
51	14.548	1168	1169	1172	rVB	296915	395850	17.79%	1.277%
52	14.640	1174	1177	1178	rBV	349838	389815	17.52%	1.258%
53	14.674	1178	1180	1182	rVV2	192744	232043	10.43%	0.749%
54	14.720	1182	1184	1186	rVB2	30825	43564	1.96%	0.141%
55	14.788	1188	1190	1191	rVB	95273	92272	4.15%	0.298%
56	14.822	1191	1193	1195	rBV	67704	82806	3.72%	0.267%
57	15.085	1209	1216	1218	rBV3	64184	192662	8.66%	0.622%
58	15.154	1218	1222	1228	rBV5	86820	249907	11.23%	0.806%
59	15.234	1228	1229	1232	rVV3	28447	46435	2.09%	0.150%
60	15.314	1232	1236	1237	rVV	111878	181678	8.17%	0.586%
61	15.348	1237	1239	1242	rVV2	180363	331976	14.92%	1.071%
62	15.394	1242	1243	1246	rVV2	103443	149117	6.70%	0.481%
63	15.543	1250	1256	1258	rBV2	153123	307128	13.81%	0.991%
64	15.623	1258	1263	1264	rVV2	845801	1589851	71.46%	5.129%
65	15.657	1264	1266	1268	rVV	832935	1007653	45.29%	3.251%
66	15.748	1271	1274	1276	rBV	183407	223517	10.05%	0.721%
67	15.805	1276	1279	1282	rVV3	67812	128596	5.78%	0.415%
68	15.874	1283	1285	1287	rVB2	121910	148824	6.69%	0.480%
69	15.920	1287	1289	1296	rVB2	98814	211080	9.49%	0.681%
70	16.034	1296	1299	1300	rBV2	35879	71212	3.20%	0.230%
71	16.068	1300	1302	1303	rBV	58102	58881	2.65%	0.190%

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72	16.114	1303	1306	1308	rVV	212637	277948	12.49%	0.897%
73	16.148	1308	1309	1311	rVV	81418	88166	3.96%	0.284%
74	16.228	1311	1316	1317	rVV2	106488	190350	8.56%	0.614%
75	16.285	1317	1321	1323	rVV3	94597	227883	10.24%	0.735%
76	16.320	1323	1324	1327	rVV3	44683	70242	3.16%	0.227%
77	16.366	1327	1328	1332	rVB	61886	86450	3.89%	0.279%
78	16.434	1332	1334	1337	rBV	31371	44179	1.99%	0.143%
79	16.503	1337	1340	1342	rBV3	52768	141603	6.37%	0.457%
80	16.708	1355	1358	1362	rBV2	51051	107405	4.83%	0.347%
81	16.880	1370	1373	1378	rBV	693836	1560547	70.15%	5.035%
82	16.994	1378	1383	1385	rBV2	154044	284445	12.79%	0.918%
83	17.108	1390	1393	1394	rBV2	89102	169471	7.62%	0.547%
84	17.177	1397	1399	1402	rVV	411571	556253	25.00%	1.795%
85	17.246	1402	1405	1407	rVV	758374	894508	40.21%	2.886%
86	17.303	1407	1410	1411	rVV	234636	287020	12.90%	0.926%
87	17.326	1411	1412	1418	rVB2	201712	264191	11.88%	0.852%
88	17.588	1432	1435	1437	rBV2	41061	95193	4.28%	0.307%
89	17.691	1442	1444	1446	rBV	35581	58984	2.65%	0.190%
90	17.783	1450	1452	1454	rVB	56112	79355	3.57%	0.256%
91	18.274	1489	1495	1501	rVB7	37899	162882	7.32%	0.525%
92	18.377	1501	1504	1507	rBV2	92558	179323	8.06%	0.579%
93	18.514	1513	1516	1520	rVB2	305091	581296	26.13%	1.875%
94	18.583	1520	1522	1526	rVB	44711	90064	4.05%	0.291%
95	18.663	1526	1529	1531	rBV	93025	198141	8.91%	0.639%
96	18.709	1531	1533	1541	rVB3	90679	240839	10.83%	0.777%
97	18.857	1543	1546	1550	rBV	218461	392101	17.63%	1.265%
98	19.040	1560	1562	1569	rVB	97493	209314	9.41%	0.675%
99	20.617	1695	1700	1707	rVB	71880	229173	10.30%	0.739%
100	20.766	1709	1713	1716	rBV	38050	108174	4.86%	0.349%

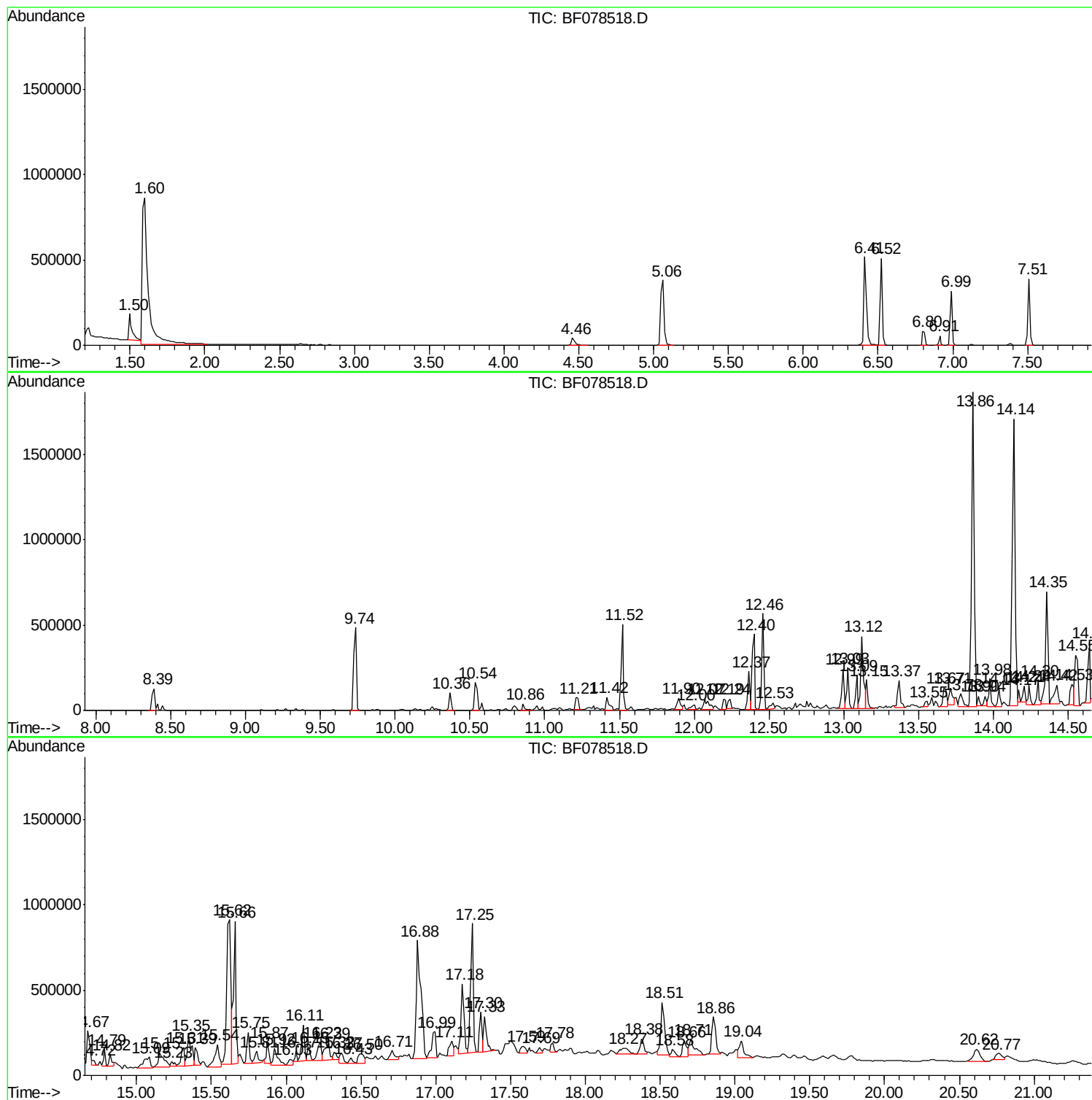
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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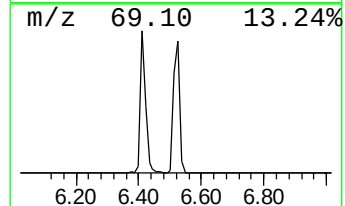
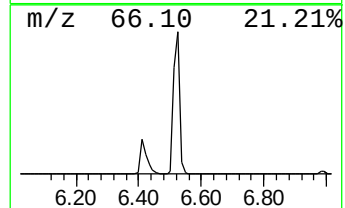
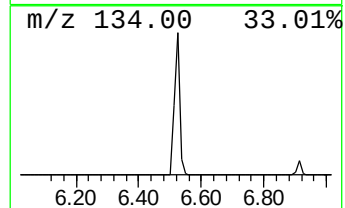
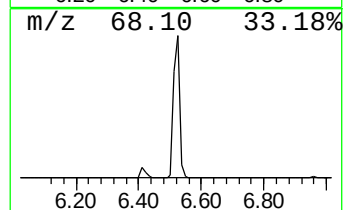
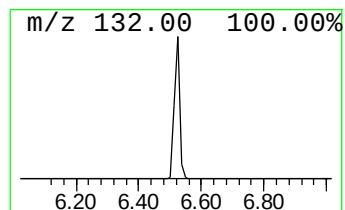
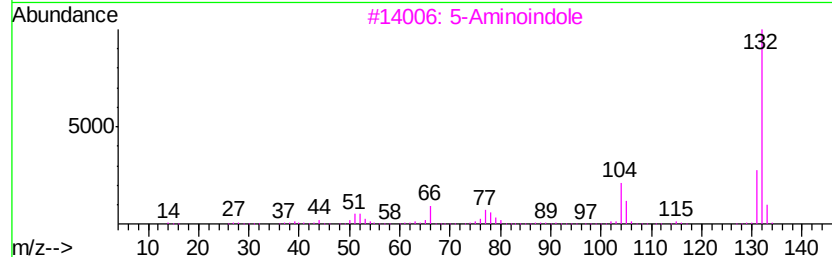
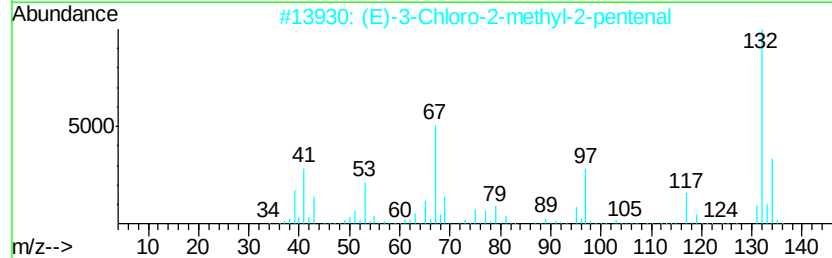
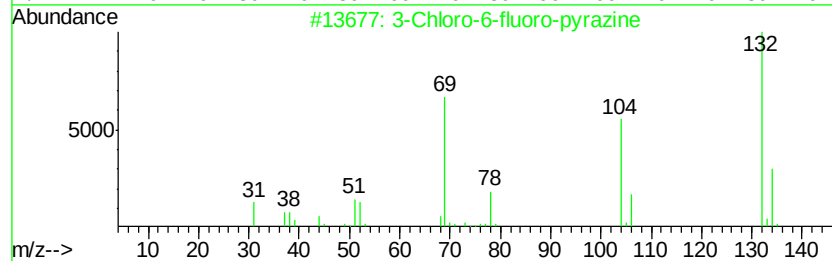
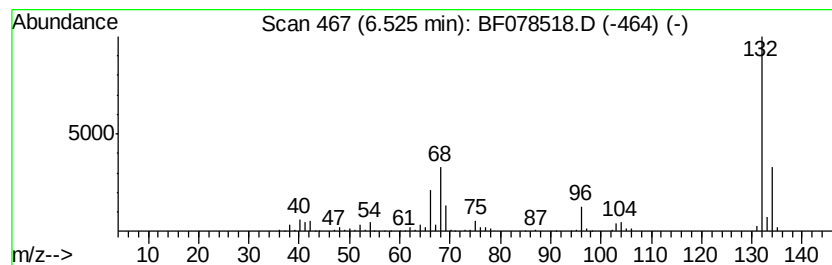
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	109.30 ng	603110	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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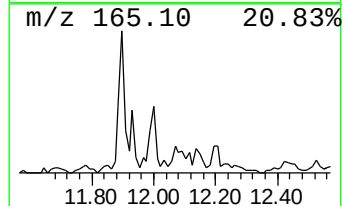
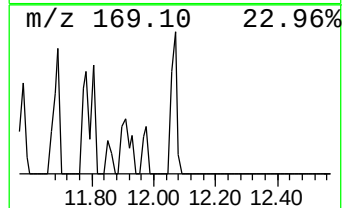
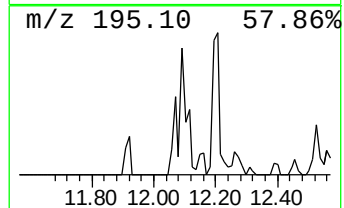
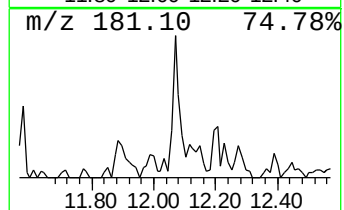
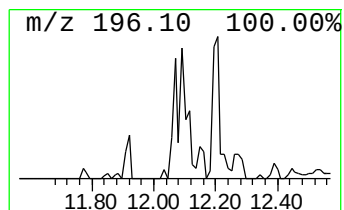
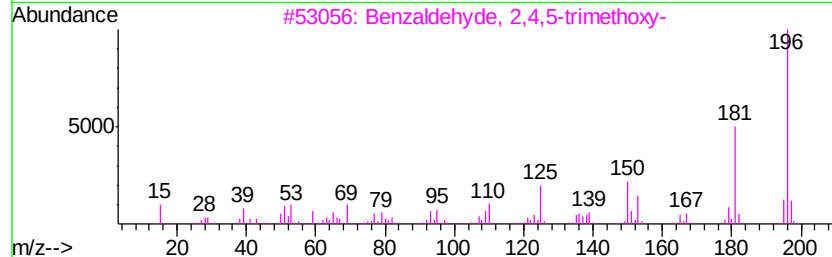
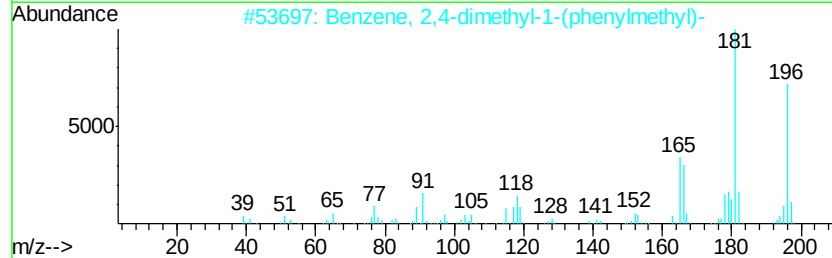
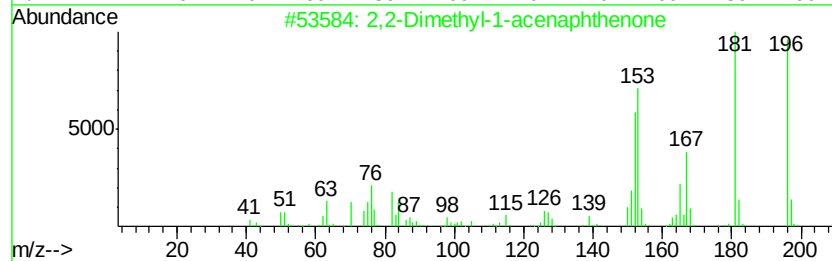
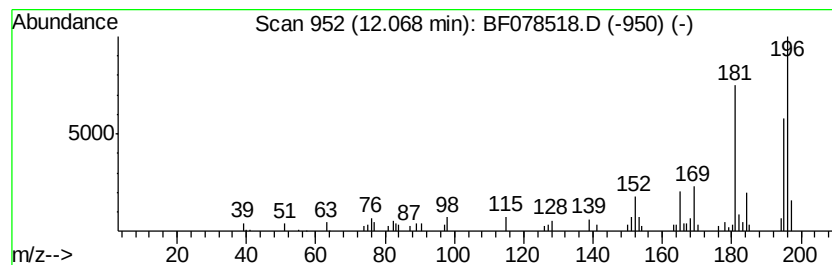
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2,2-Dimethyl-1-acenaphthenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	13.36 ng	146892	Phenanthrene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	78
2		Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	50
3		Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	47
4		Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	43
5		Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	43



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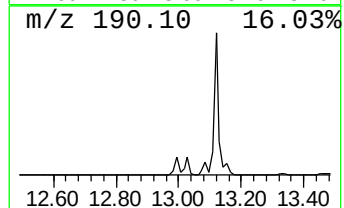
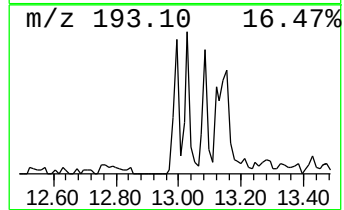
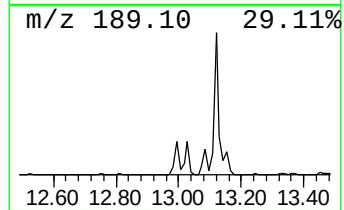
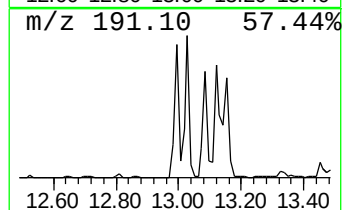
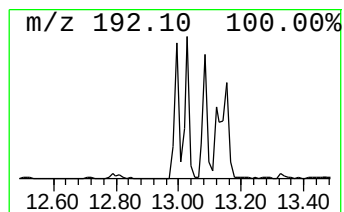
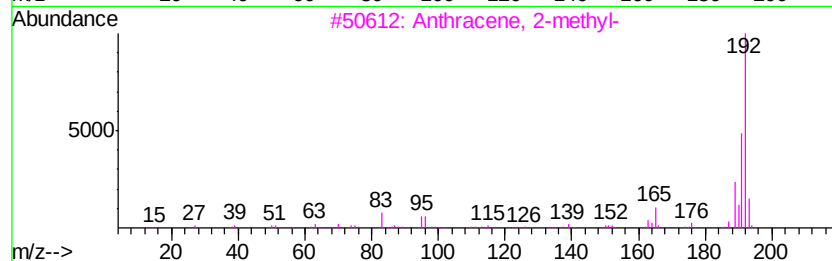
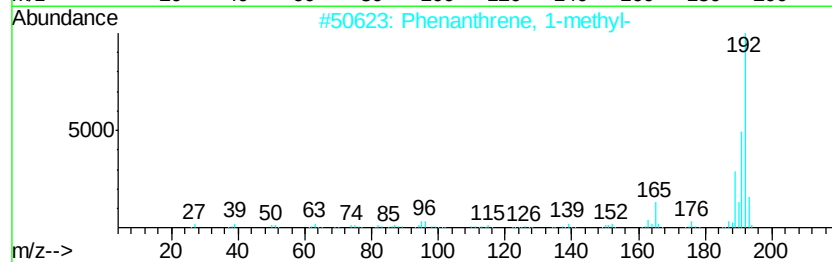
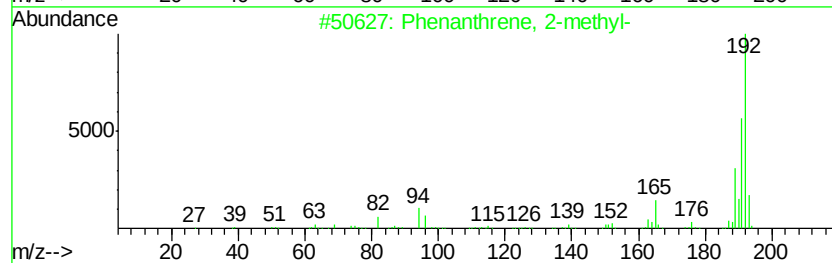
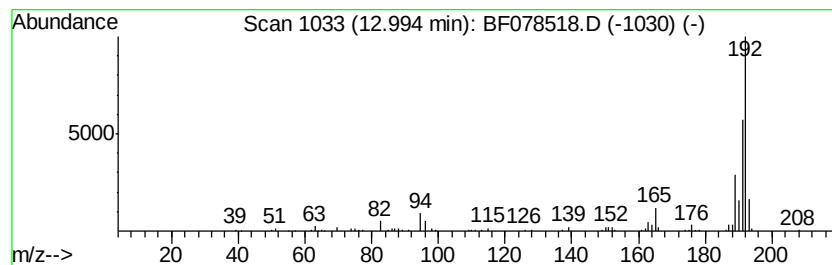
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Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	20.90 ng	229774	Phenanthrene-d10	12.37

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[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078518.D
Acq On : 15 Apr 2015 00:18
Operator : TP/IZ
Sample : G1828-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

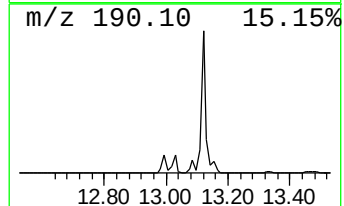
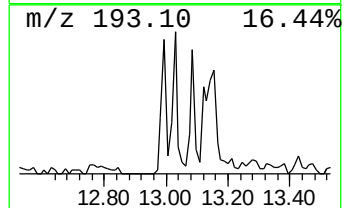
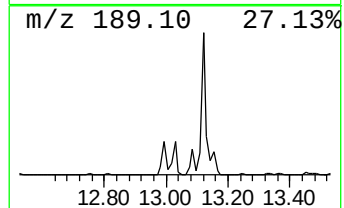
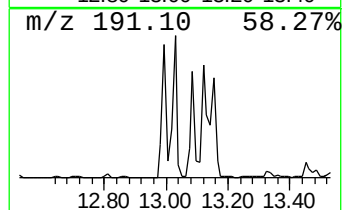
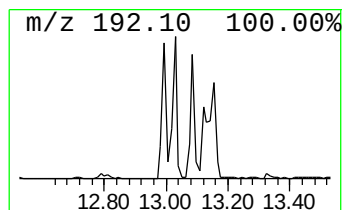
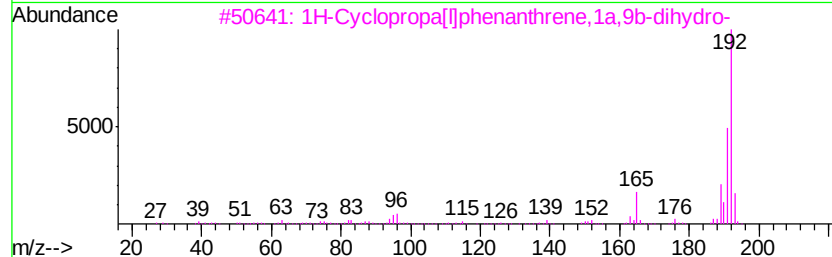
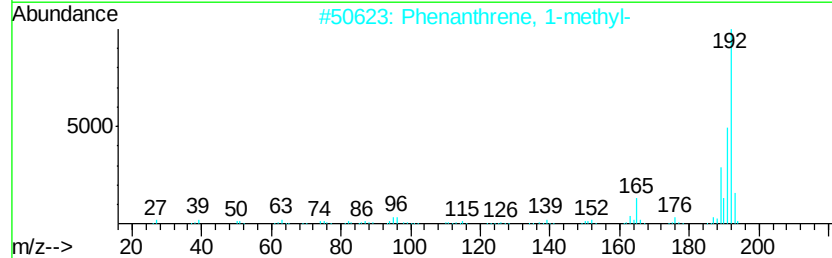
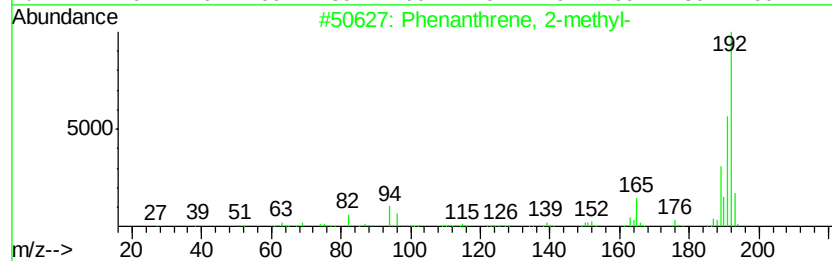
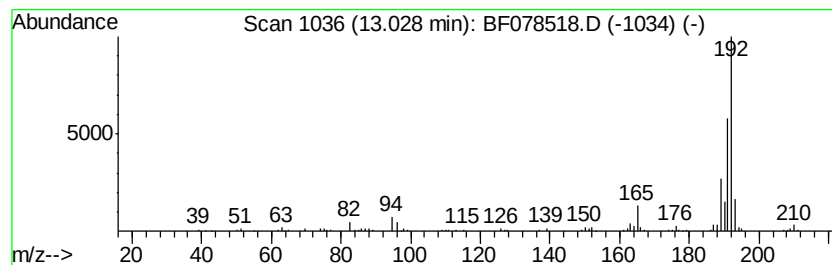
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	22.84 ng	251130	Phenanthrene-d10	12.37

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			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078518.D
Acq On : 15 Apr 2015 00:18
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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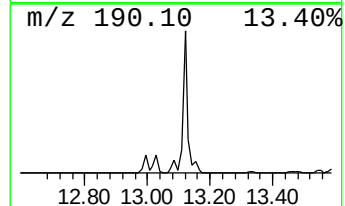
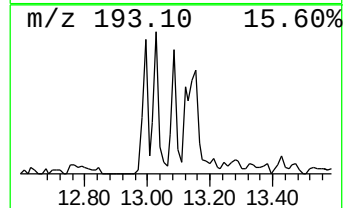
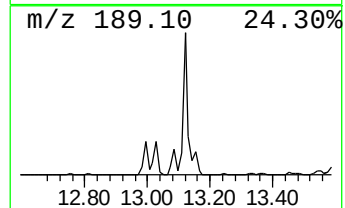
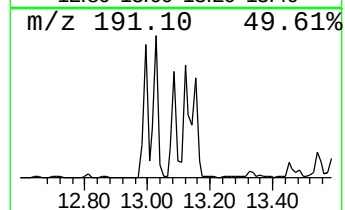
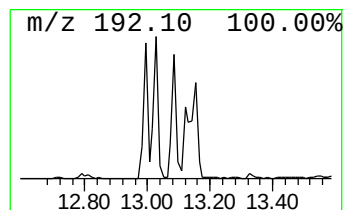
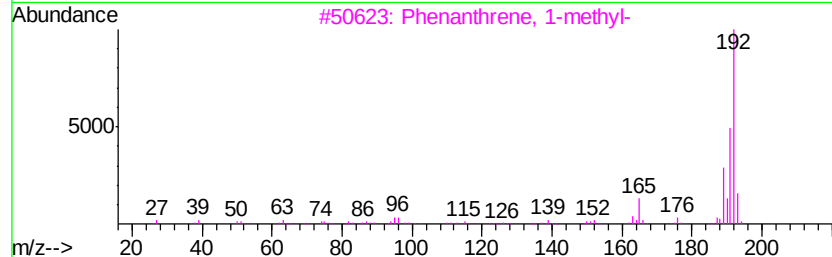
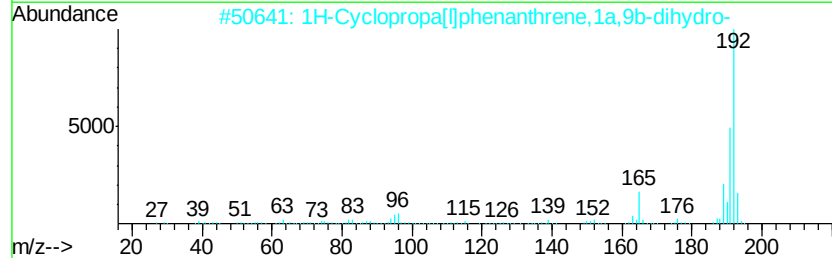
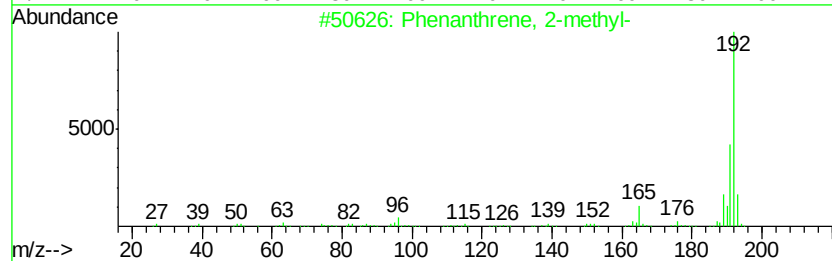
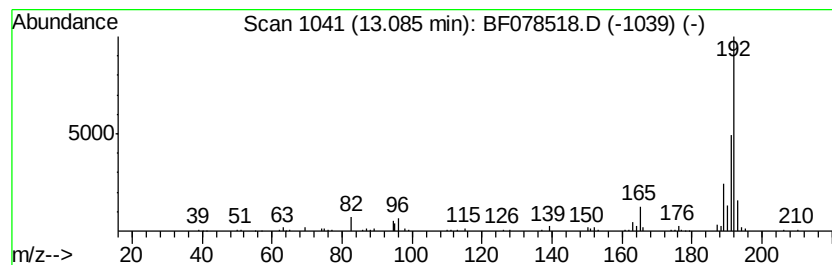
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	17.66 ng	194180	Phenanthrene-d10	12.37

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	97
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078518.D
Acq On : 15 Apr 2015 00:18
Operator : TP/IZ
Sample : G1828-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

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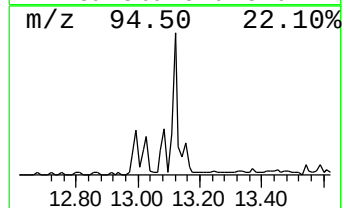
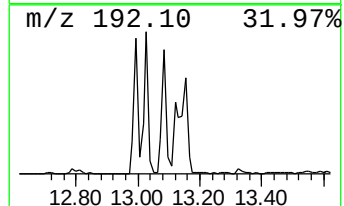
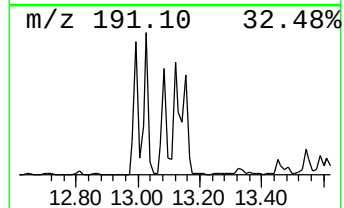
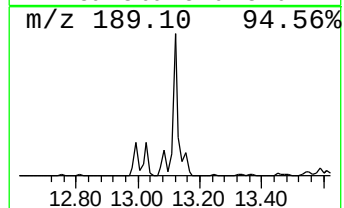
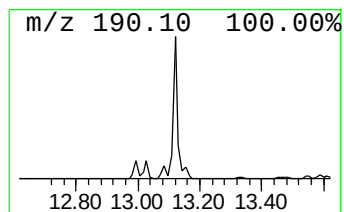
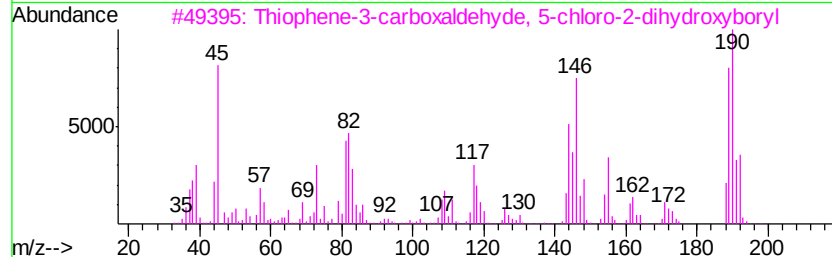
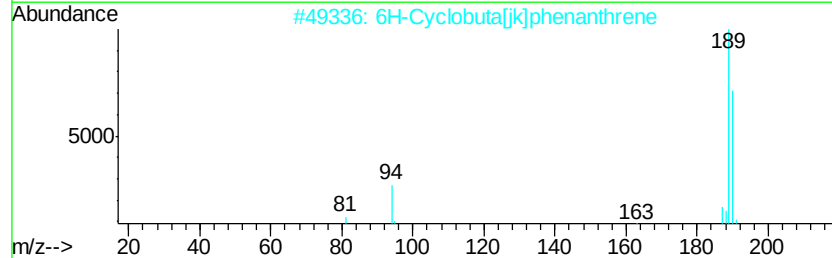
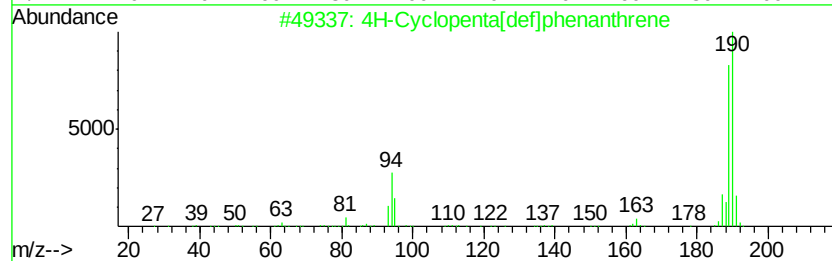
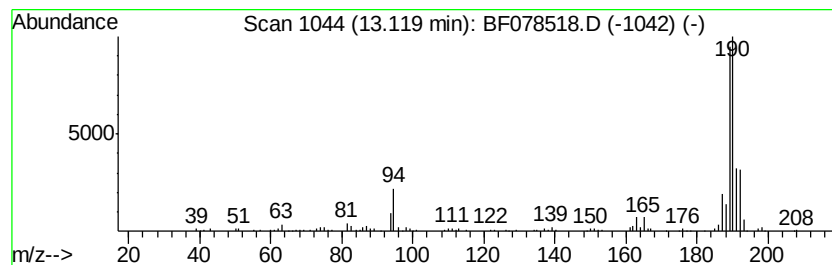
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	47.50 ng	522164	Phenanthrene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078518.D
Acq On : 15 Apr 2015 00:18
Operator : TP/IZ
Sample : G1828-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

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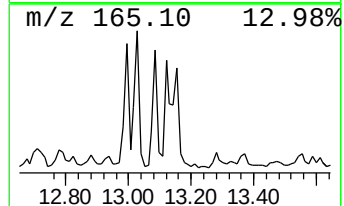
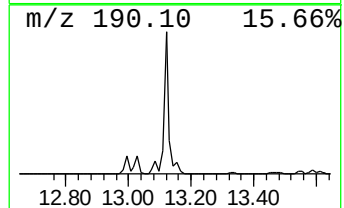
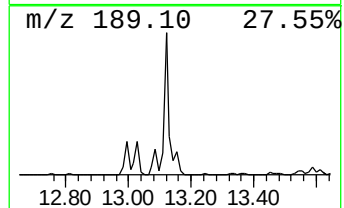
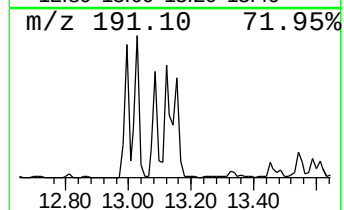
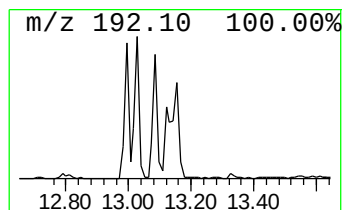
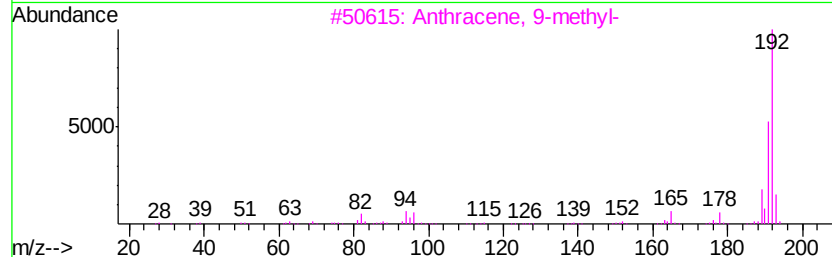
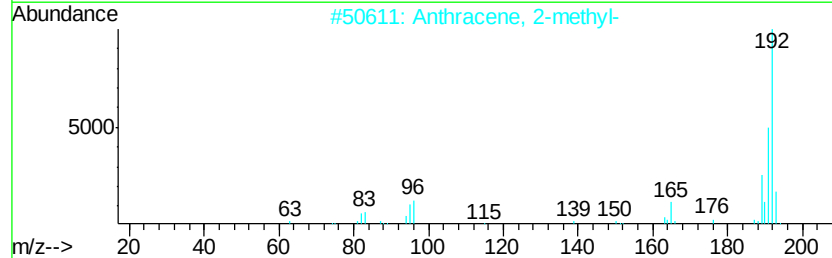
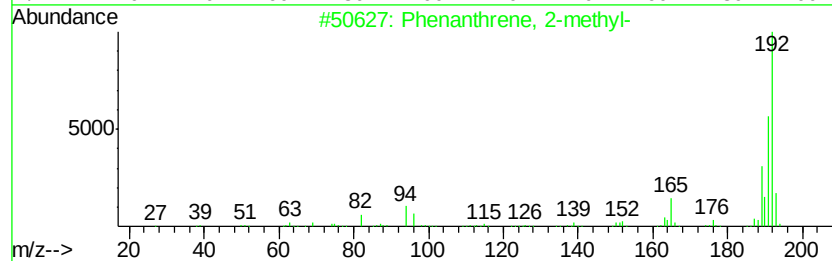
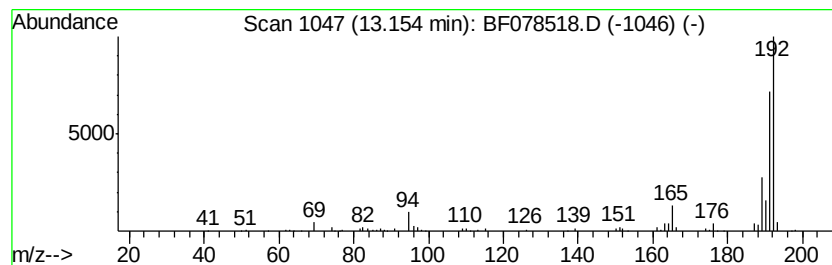
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	13.24 ng	145576	Phenanthrene-d10	12.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078518.D
Acq On : 15 Apr 2015 00:18
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Misc :
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ClientSampleId :
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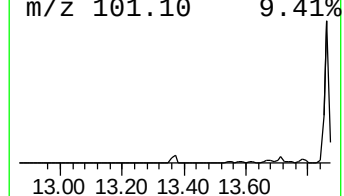
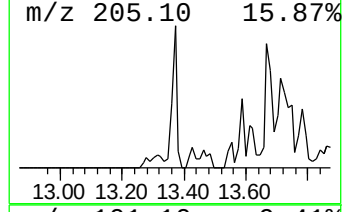
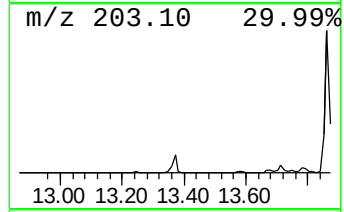
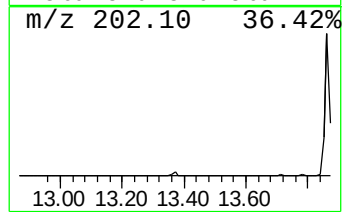
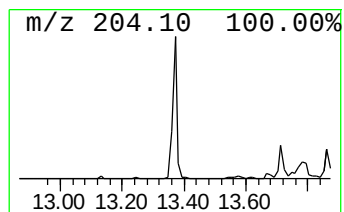
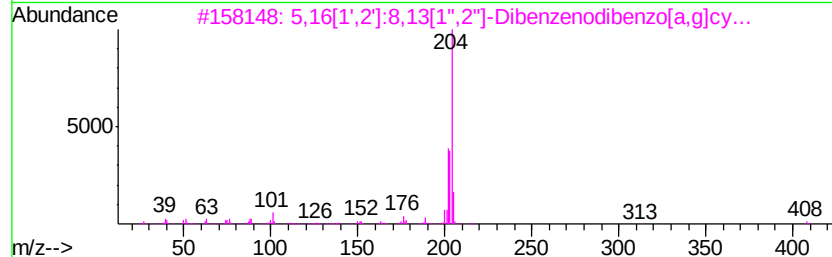
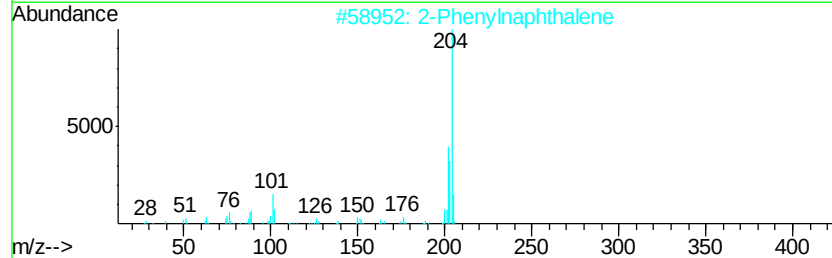
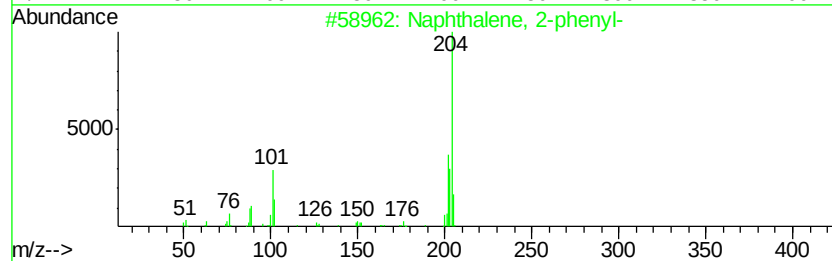
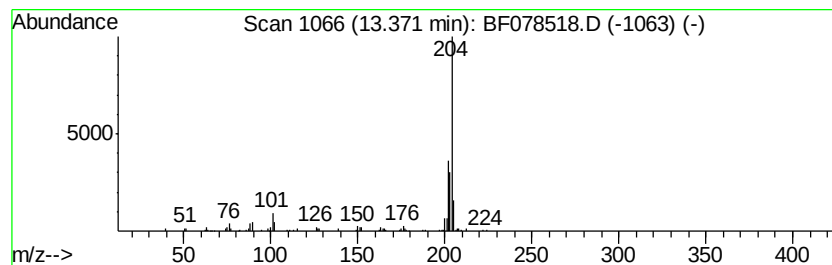
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	17.69 ng	194509	Phenanthrene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	90
3		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078518.D
Acq On : 15 Apr 2015 00:18
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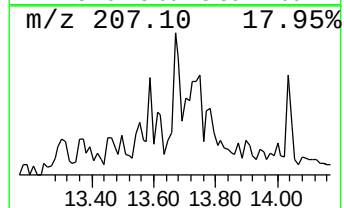
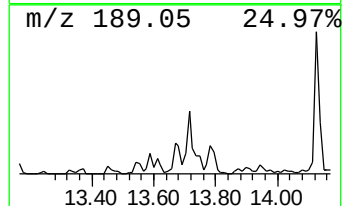
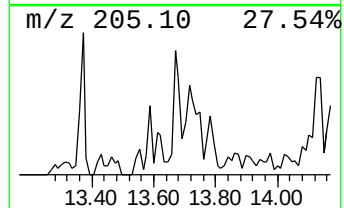
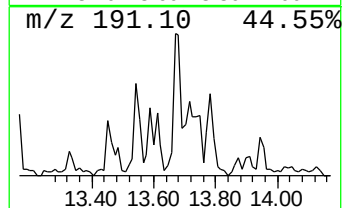
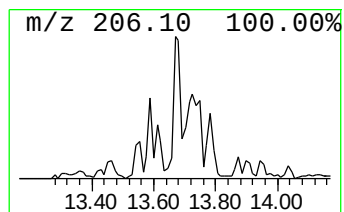
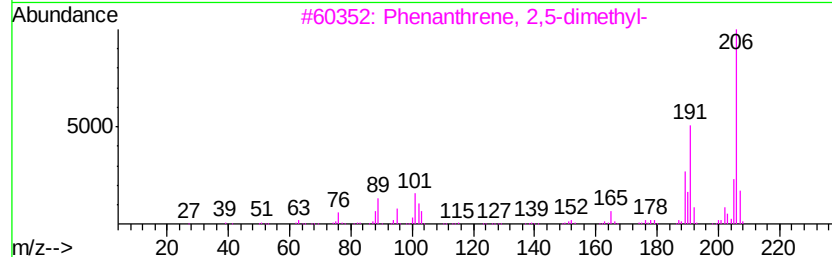
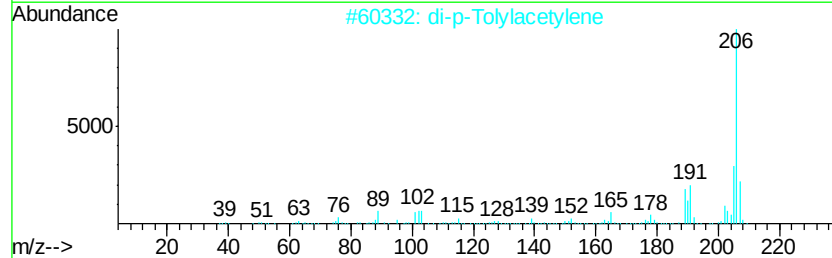
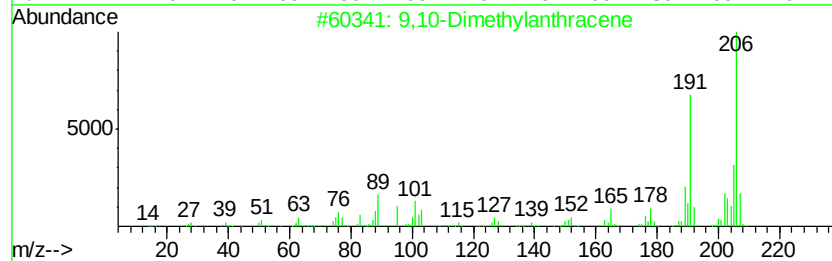
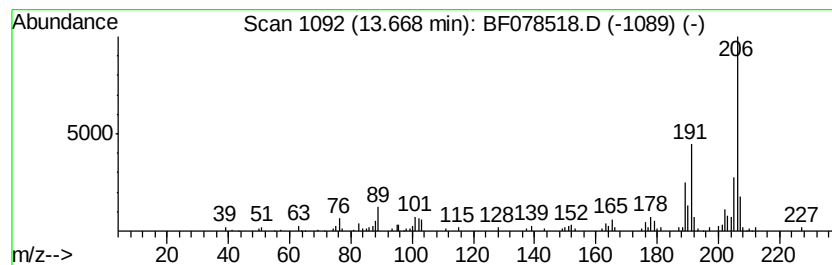
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Dimethylantracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	17.00 ng	186880	Phenanthrene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078518.D
Acq On : 15 Apr 2015 00:18
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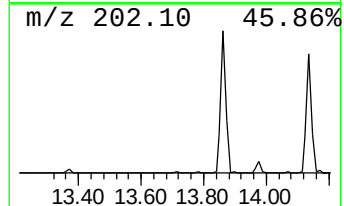
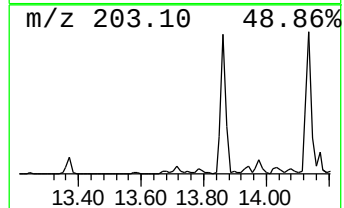
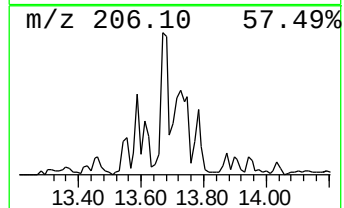
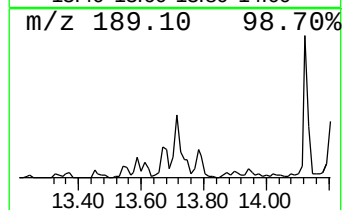
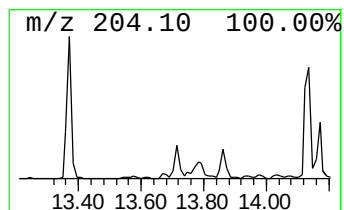
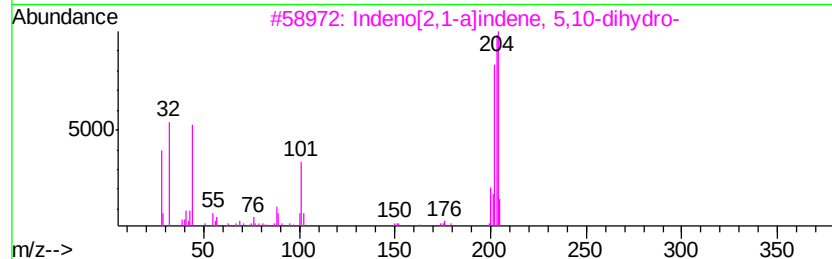
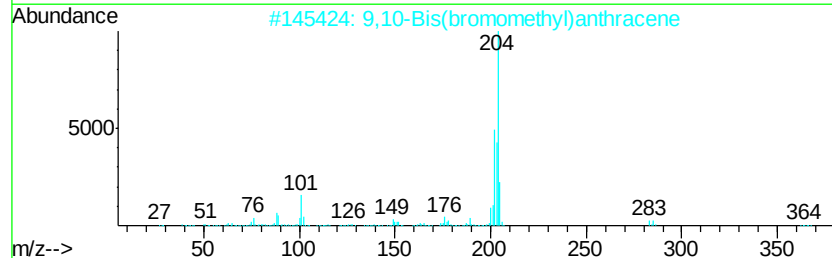
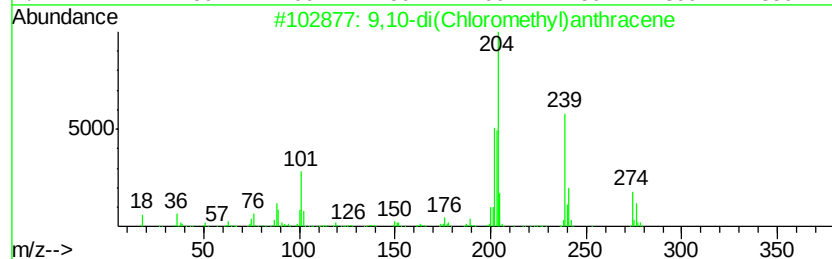
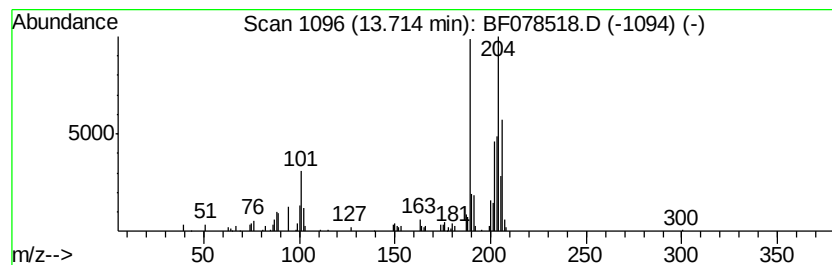
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown13.71 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	14.41 ng	158468	Phenanthrene-d10	12.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	47		
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47		
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	45		
4	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	38		
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	38		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078518.D
Acq On : 15 Apr 2015 00:18
Operator : TP/IZ
Sample : G1828-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

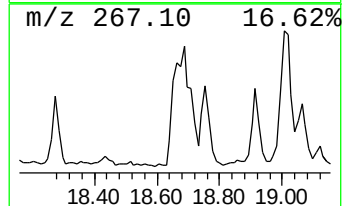
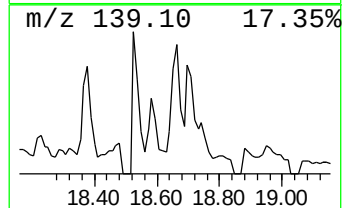
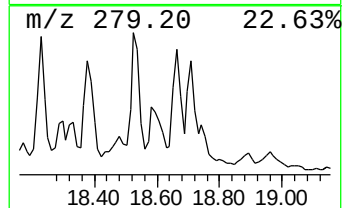
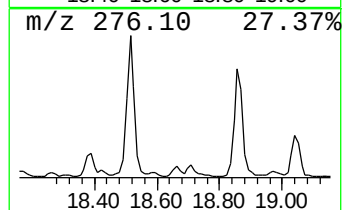
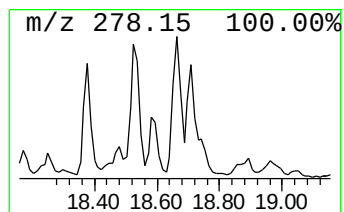
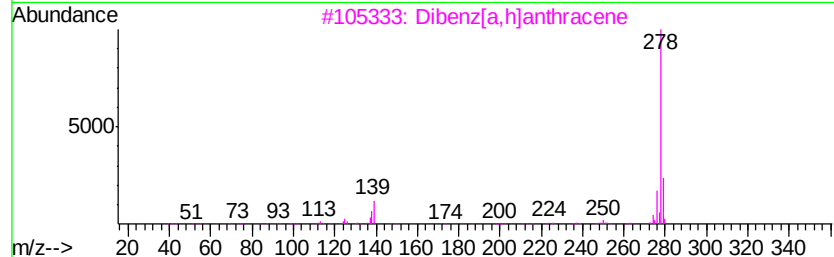
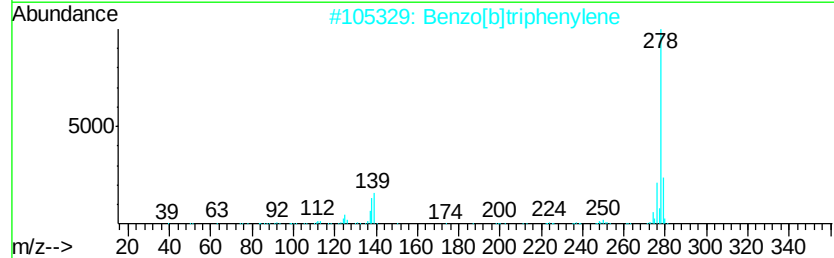
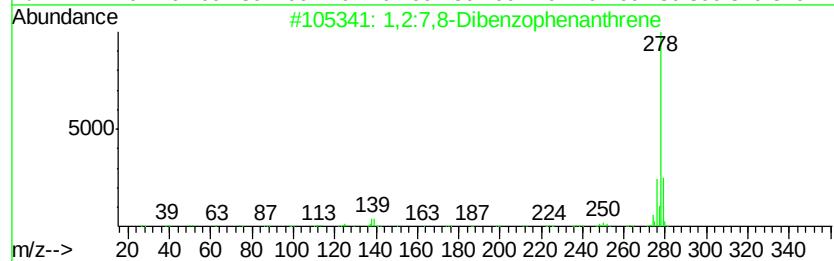
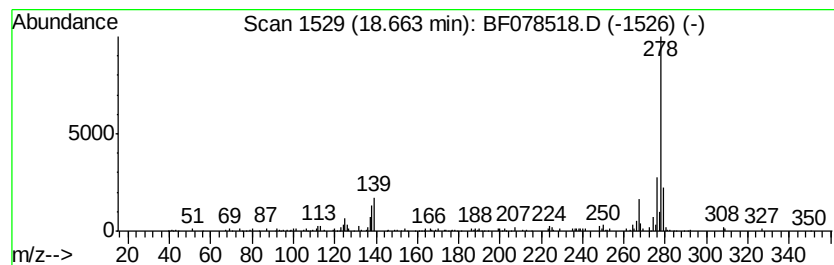
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,2:7,8-Dibenzophenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	13.81 ng	198141	Perylene-d12	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	93
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	89
5		Pentaphene	278	C22H14	000222-93-5	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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Operator : TP/IZ
Sample : G1828-15
Misc :
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ClientSampleId :
HS-SB04B

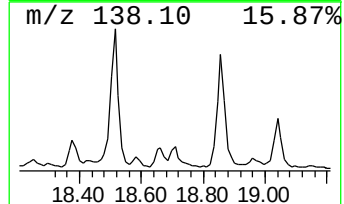
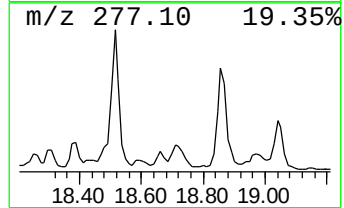
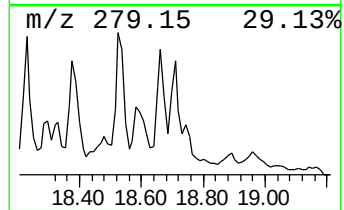
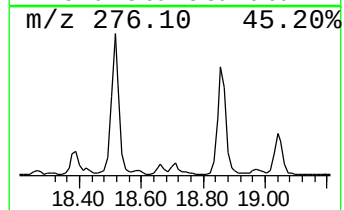
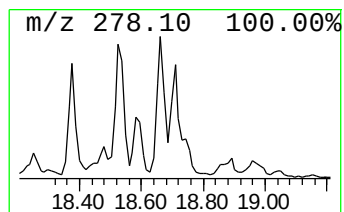
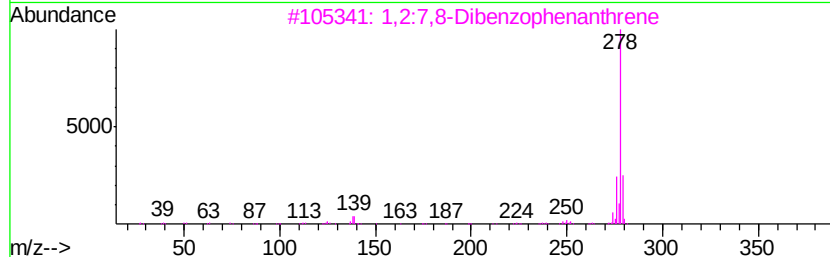
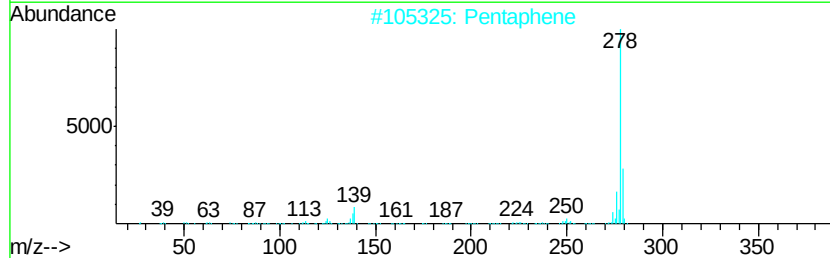
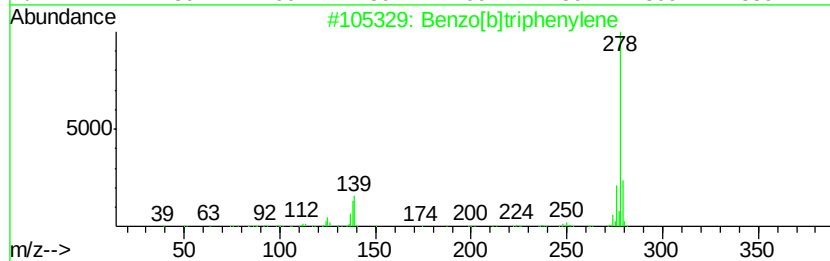
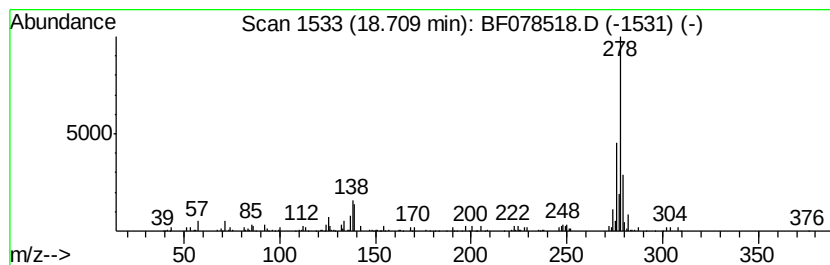
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	16.78 ng	240839	Perylene-d12	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2		Pentaphene	278	C22H14	000222-93-5	93
3		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	83
4		Pyrene, 1-phenyl-	278	C22H14	005101-27-9	60
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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Sample : G1828-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

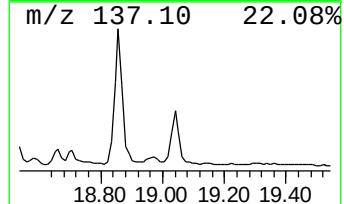
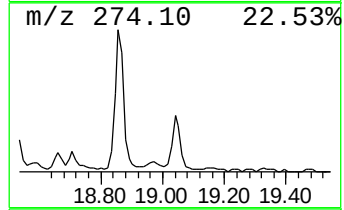
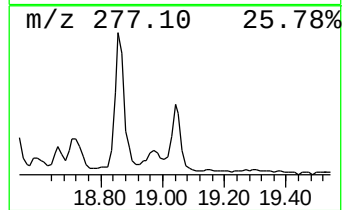
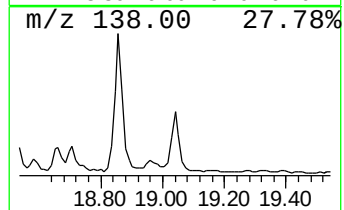
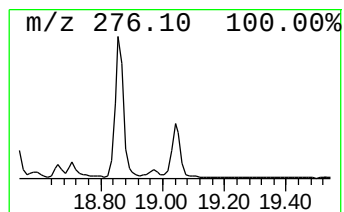
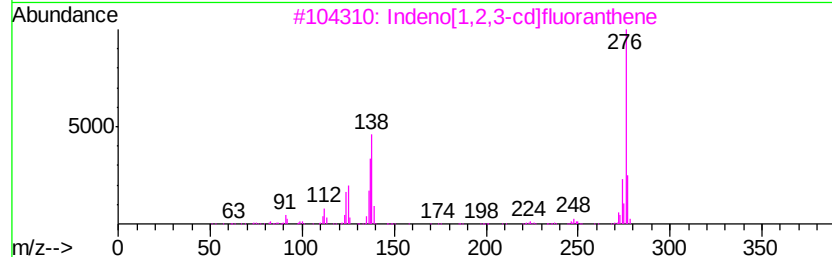
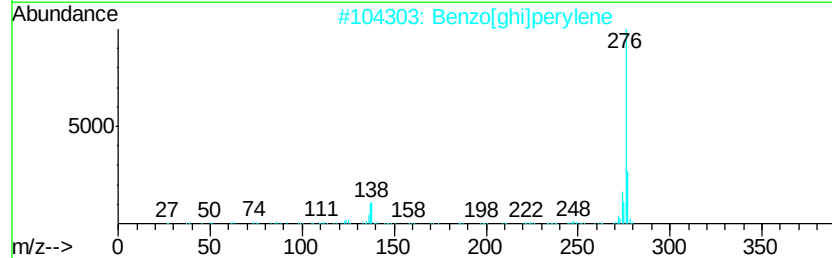
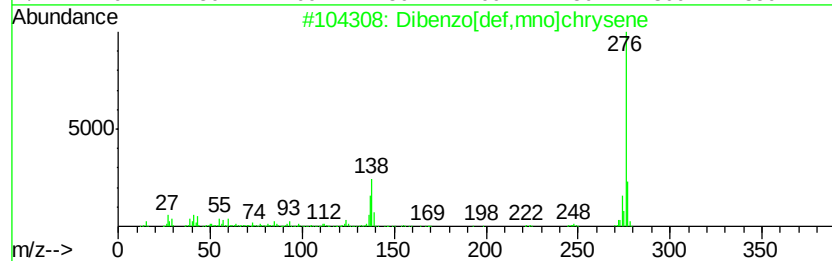
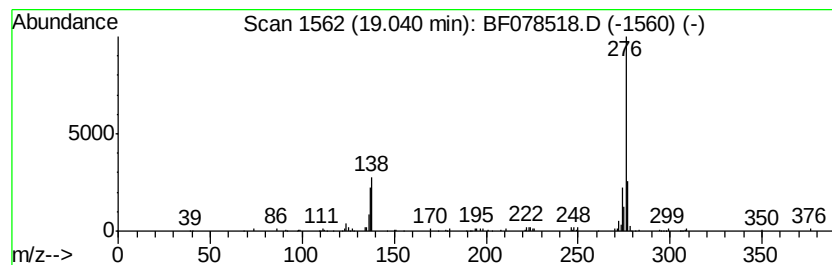
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	14.59 ng	209314	Perylene-d12	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	95
3		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	90
4		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
5		Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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Operator : TP/IZ
Sample : G1828-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

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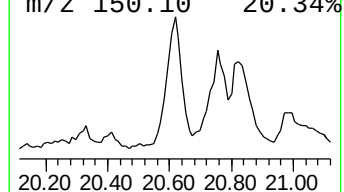
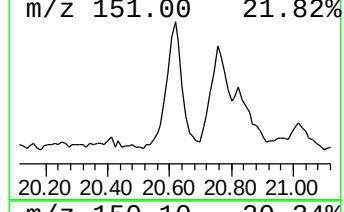
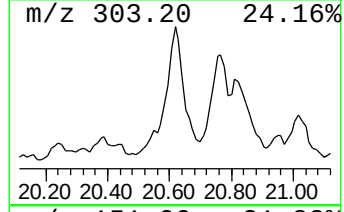
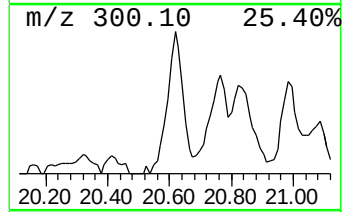
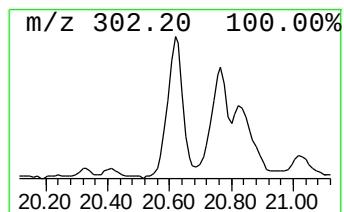
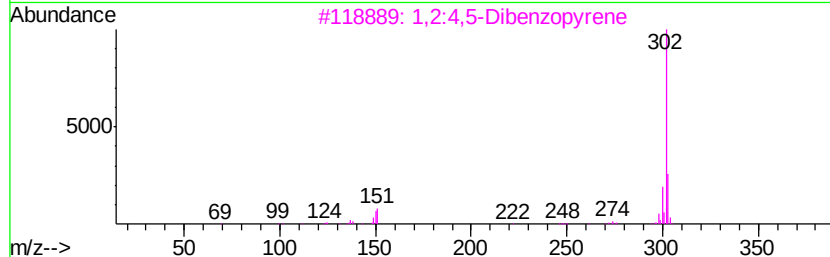
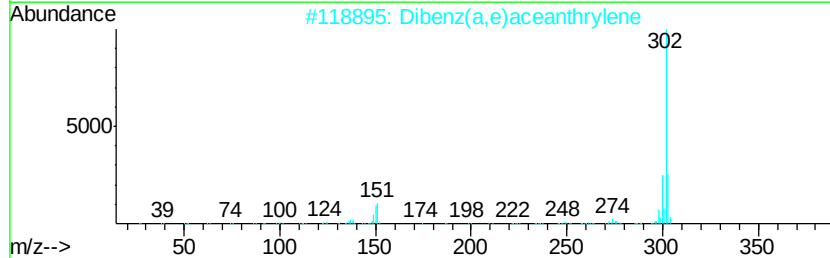
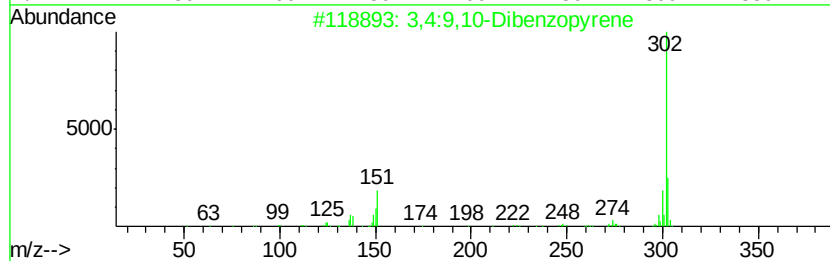
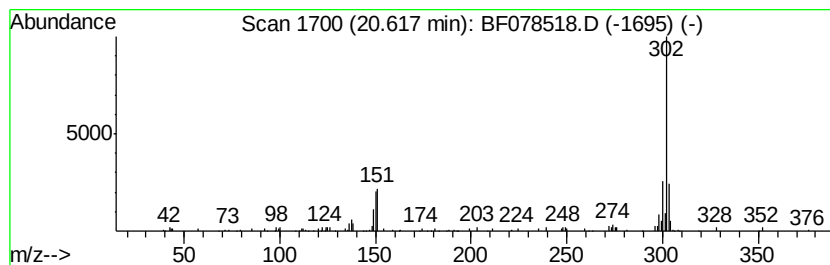
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:9,10-Dibenzopyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	15.97 ng	229173	Perylene-d12	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	94
4		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	90
5		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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
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2,2-Dimethyl-1-ac...	12.07	13.4	ng	146892	4	12.37	219868	20.0
Phenanthrene, 2-m...	12.99	20.9	ng	229774	4	12.37	219868	20.0
Phenanthrene, 1-m...	13.03	22.8	ng	251130	4	12.37	219868	20.0
1H-Cyclopropa[l]p...	13.09	17.7	ng	194180	4	12.37	219868	20.0
4H-Cyclopenta[def...	13.12	47.5	ng	522164	4	12.37	219868	20.0
Anthracene, 2-met...	13.15	13.2	ng	145576	4	12.37	219868	20.0
Naphthalene, 2-ph...	13.37	17.7	ng	194509	4	12.37	219868	20.0
9,10-Dimethylanthe...	13.67	17.0	ng	186880	4	12.37	219868	20.0
unknown13.71	13.71	14.4	ng	158468	4	12.37	219868	20.0
1,2:7,8-Dibenzoph...	18.66	13.8	ng	198141	6	17.30	287020	20.0
Benzo[b]triphenylene	18.71	16.8	ng	240839	6	17.30	287020	20.0
Dibenzo[def,mno]c...	19.04	14.6	ng	209314	6	17.30	287020	20.0
3,4:9,10-Dibenzop...	20.62	16.0	ng	229173	6	17.30	287020	20.0