

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
 Data File : BF081921.D
 Acq On : 1 Oct 2015 00:53
 Operator : UM/IZ
 Sample : G3866-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E5WC-1(6-12)

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-BF092815.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	5.086	255	258	260	rBV	607769	739304	16.31%	1.009%
2	5.497	291	294	296	rBV	1244857	1319876	29.12%	1.802%
3	6.526	382	384	394	rBV	1330418	1342525	29.62%	1.833%
4	6.663	394	396	399	rBV	1134182	1381825	30.49%	1.887%
5	6.903	415	417	420	rBV	650335	600969	13.26%	0.821%
6	7.063	428	431	433	rBV	1062330	1137015	25.09%	1.553%
7	7.463	464	466	469	rBV	489907	756394	16.69%	1.033%
8	8.195	527	530	538	rBV	703385	877378	19.36%	1.198%
9	9.269	621	624	626	rBV	1705671	1593440	35.16%	2.176%
10	9.658	657	658	661	rVV	274698	298907	6.59%	0.408%
11	9.806	669	671	674	rBV	781616	655001	14.45%	0.894%
12	9.943	681	683	685	rBV	904301	861043	19.00%	1.176%
13	10.149	698	701	703	rBV	131297	146114	3.22%	0.200%
14	10.492	729	731	734	rVB	169631	180789	3.99%	0.247%
15	10.652	742	745	749	rVB4	71823	110137	2.43%	0.150%
16	10.732	750	752	755	rBV	1018379	958307	21.14%	1.309%
17	10.858	760	763	766	rVB3	102077	160353	3.54%	0.219%
18	11.041	776	779	780	rBV2	91274	136482	3.01%	0.186%
19	11.235	795	796	798	rBV	183174	189012	4.17%	0.258%
20	11.292	798	801	803	rVB2	87993	127850	2.82%	0.175%
21	11.326	803	804	808	rVB	160863	190875	4.21%	0.261%
22	11.463	811	816	818	rBV2	2854134	3716346	82.00%	5.075%
23	11.509	818	820	822	rBV	548176	441915	9.75%	0.603%
24	11.669	830	834	838	rBV	317451	537260	11.85%	0.734%
25	11.726	838	839	841	rVV	98194	110732	2.44%	0.151%
26	11.761	841	842	845	rVB2	149795	173345	3.82%	0.237%
27	11.932	855	857	858	rBV	590557	629698	13.89%	0.860%
28	11.966	858	860	862	rVV	814630	822255	18.14%	1.123%
29	12.012	862	864	865	rVV	203922	184392	4.07%	0.252%
30	12.046	865	867	872	rVB	962140	1551357	34.23%	2.118%
31	12.126	872	874	876	rBV3	56905	133526	2.95%	0.182%
32	12.229	882	883	884	rVV	304739	295846	6.53%	0.404%
33	12.264	884	886	888	rVB	312439	433958	9.57%	0.593%
34	12.378	893	896	897	rBV2	256963	329964	7.28%	0.451%

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Filtering: 5

Min Area: 3 % of largest Peak

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.412	897	899	903	rVB	210142	357438	7.89%	0.488%
36	12.481	903	905	907	rBV	527539	792462	17.48%	1.082%
37	12.515	907	908	912	rVV	277253	485381	10.71%	0.663%
38	12.572	912	913	916	rVB2	438471	480807	10.61%	0.657%
39	12.652	918	920	922	rBV	3019722	3648121	80.49%	4.981%
40	12.709	922	925	927	rVV3	127715	244489	5.39%	0.334%
41	12.744	927	928	930	rVB	324322	229451	5.06%	0.313%
42	12.801	930	933	935	rBV2	167860	340275	7.51%	0.465%
43	12.881	937	940	943	rBV	2719734	4308879	95.07%	5.884%
44	12.926	943	944	946	rVB2	260275	299085	6.60%	0.408%
45	12.995	948	950	951	rBV2	180352	273850	6.04%	0.374%
46	13.018	951	952	956	rVB2	1028457	1350311	29.79%	1.844%
47	13.098	956	959	963	rBV3	427808	846865	18.68%	1.156%
48	13.201	965	968	970	rVB2	433703	897299	19.80%	1.225%
49	13.246	970	972	973	rBV2	76053	121253	2.68%	0.166%
50	13.269	973	974	976	rBV	175033	196946	4.35%	0.269%
51	13.304	976	977	981	rVB3	411039	615909	13.59%	0.841%
52	13.407	984	986	987	rBV	295871	352197	7.77%	0.481%
53	13.429	987	988	993	rVB2	379930	467761	10.32%	0.639%
54	13.521	993	996	998	rVB3	82561	134397	2.97%	0.184%
55	13.601	1000	1003	1004	rBV3	108424	239000	5.27%	0.326%
56	13.715	1010	1013	1016	rBV	613344	699927	15.44%	0.956%
57	13.829	1020	1023	1024	rBV2	525269	786057	17.34%	1.073%
58	13.875	1026	1027	1030	rVV2	300492	494280	10.91%	0.675%
59	13.921	1030	1031	1036	rVB	590465	701840	15.49%	0.958%
60	14.001	1036	1038	1041	rVB2	94867	176134	3.89%	0.241%
61	14.069	1041	1044	1046	rBV2	2182394	3883048	85.67%	5.302%
62	14.104	1046	1047	1051	rVB	1618560	2366941	52.22%	3.232%
63	14.184	1051	1054	1055	rBV3	175843	209591	4.62%	0.286%
64	14.229	1055	1058	1061	rBV4	164323	438326	9.67%	0.599%
65	14.389	1071	1072	1074	rBV2	76876	127122	2.80%	0.174%
66	14.469	1074	1079	1080	rVV	544310	1054699	23.27%	1.440%
67	14.504	1080	1082	1083	rVV2	336966	490073	10.81%	0.669%
68	14.550	1083	1086	1088	rVV4	173576	434696	9.59%	0.594%
69	14.584	1088	1089	1093	rVB2	243174	429063	9.47%	0.586%
70	14.790	1103	1107	1111	rBV4	128411	493254	10.88%	0.674%
71	14.847	1111	1112	1114	rVV2	113818	184804	4.08%	0.252%

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72	14.881	1114	1115	1117	rVV	167278	197098	4.35%	0.269%
73	14.950	1117	1121	1126	rVV3	193665	550375	12.14%	0.752%
74	15.030	1126	1128	1130	rVV2	111134	186735	4.12%	0.255%
75	15.121	1133	1136	1141	rBV	1799326	4532340	100.00%	6.189%
76	15.224	1143	1145	1147	rVV	495085	568494	12.54%	0.776%
77	15.315	1151	1153	1157	rBV3	95090	334801	7.39%	0.457%
78	15.418	1159	1162	1165	rVV	1105092	1865313	41.16%	2.547%
79	15.487	1165	1168	1171	rVV	1584616	2228362	49.17%	3.043%
80	15.544	1171	1173	1174	rVV	500599	674893	14.89%	0.922%
81	15.578	1174	1176	1180	rVB2	585471	892391	19.69%	1.219%
82	15.852	1198	1200	1202	rBV	109165	146531	3.23%	0.200%
83	15.967	1208	1210	1212	rBV	60856	116935	2.58%	0.160%
84	16.093	1219	1221	1226	rVV2	119118	275604	6.08%	0.376%
85	16.218	1230	1232	1240	rVB4	102215	261150	5.76%	0.357%
86	16.447	1250	1252	1258	rVB3	70553	150146	3.31%	0.205%
87	16.550	1259	1261	1264	rBV3	66570	155699	3.44%	0.213%
88	16.653	1268	1270	1278	rVB6	171920	532939	11.76%	0.728%
89	16.835	1280	1286	1293	rVB4	181667	699132	15.43%	0.955%
90	16.995	1296	1300	1304	rVV2	769076	1597387	35.24%	2.181%
91	17.167	1311	1315	1317	rBV	150036	342531	7.56%	0.468%
92	17.224	1317	1320	1323	rVV	154285	324001	7.15%	0.442%
93	17.441	1334	1339	1346	rVB	663457	1600998	35.32%	2.186%
94	17.658	1355	1358	1366	rVB2	124821	337700	7.45%	0.461%
95	19.636	1524	1531	1540	rVB2	129644	625816	13.81%	0.855%
96	19.830	1542	1548	1552	rBV	89943	388141	8.56%	0.530%
97	20.459	1601	1603	1615	rVB3	34333	172329	3.80%	0.235%
98	20.756	1622	1629	1630	rBV2	54371	193457	4.27%	0.264%
99	20.824	1633	1635	1646	rVV2	101971	391342	8.63%	0.534%
100	21.030	1648	1653	1658	rVB	31139	116094	2.56%	0.159%

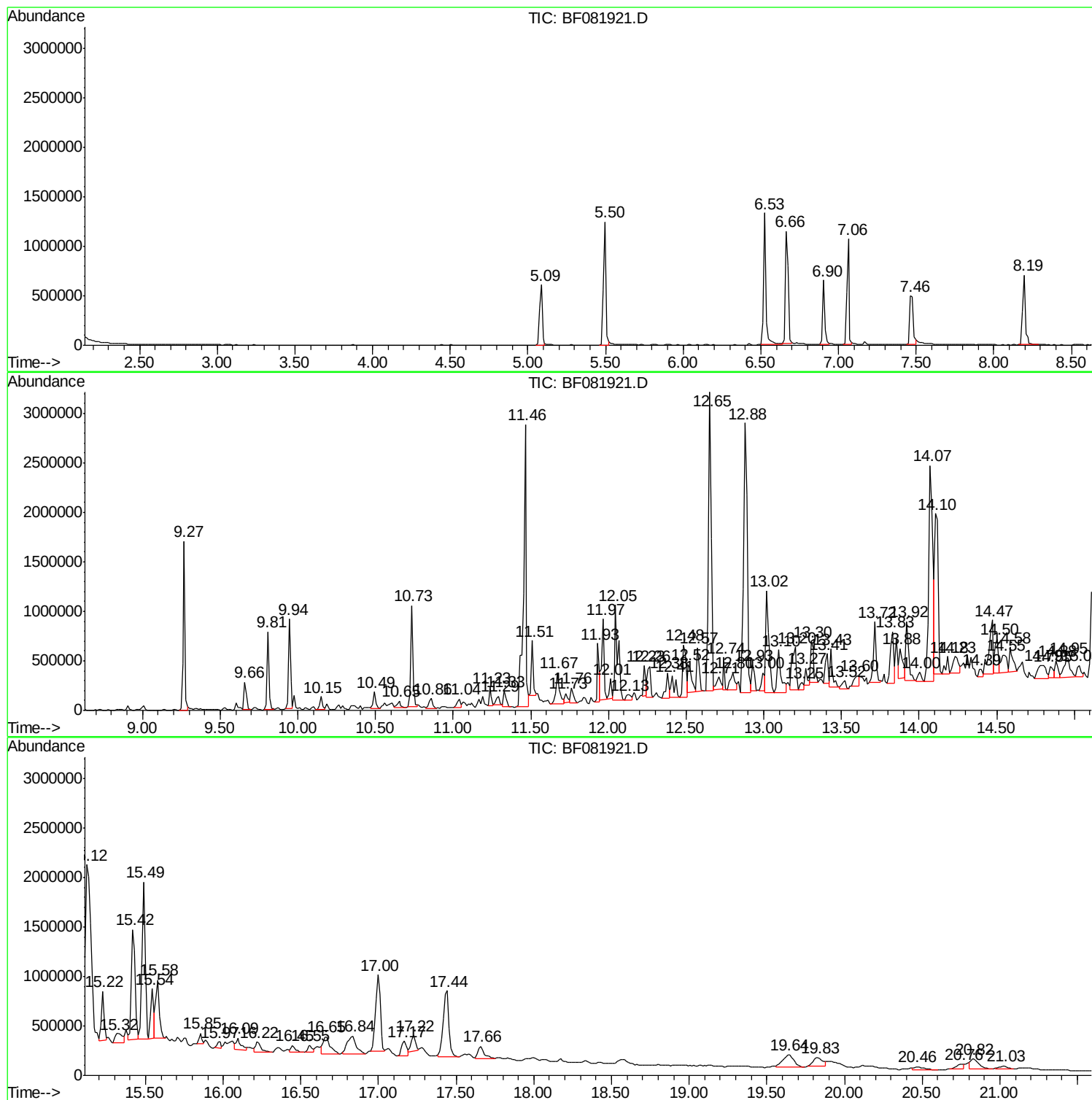
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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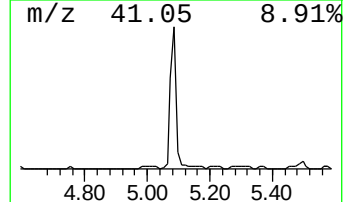
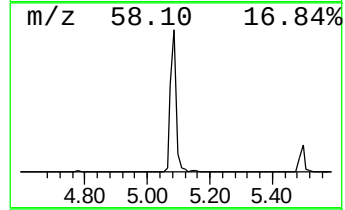
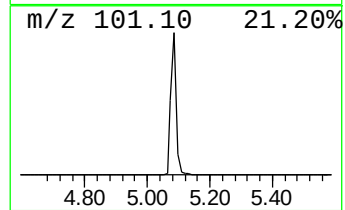
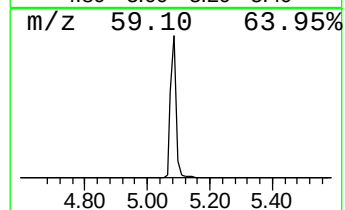
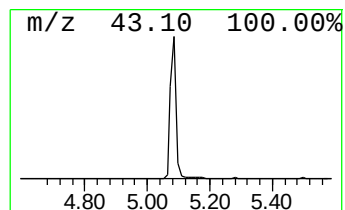
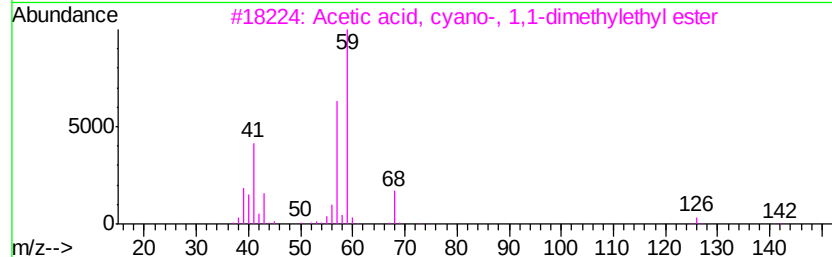
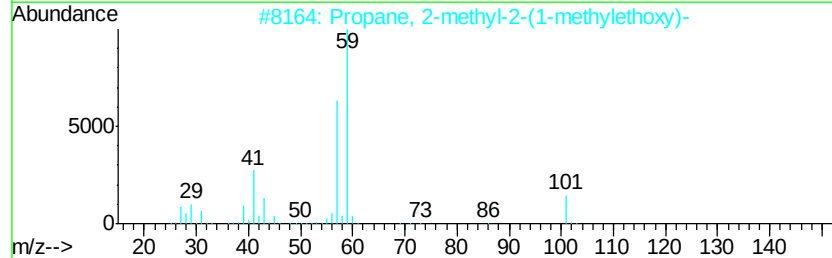
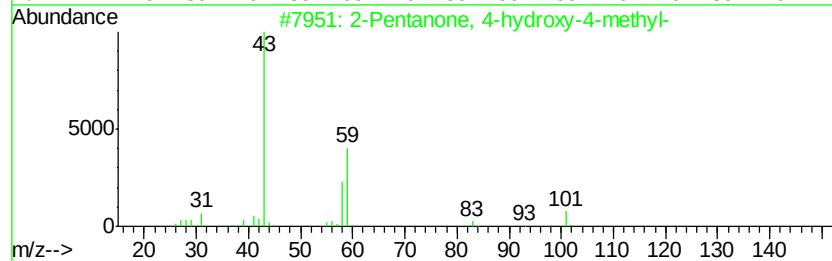
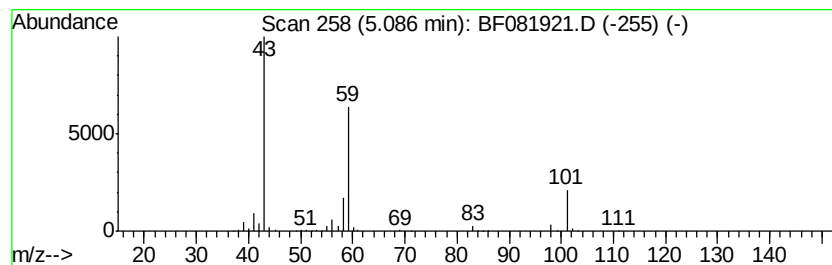
Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.09	24.60 ng	739304	1,4-Dichlorobenzene-d4	6.90		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53	
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23	
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	
5	Acetone	58	C3H6O	000067-64-1	9	



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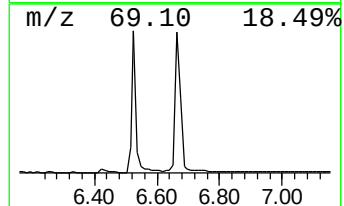
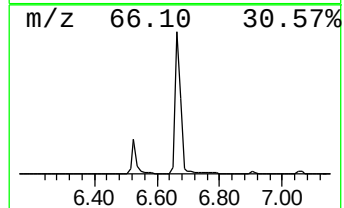
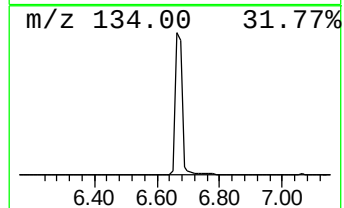
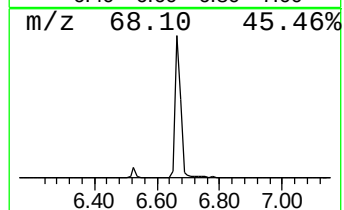
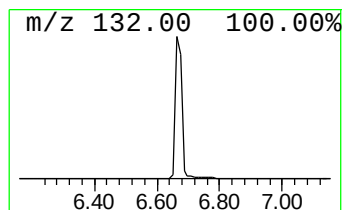
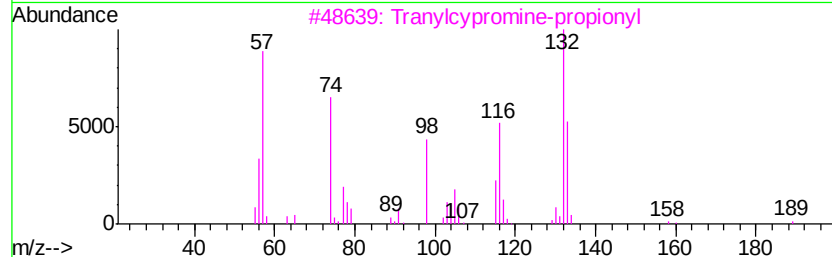
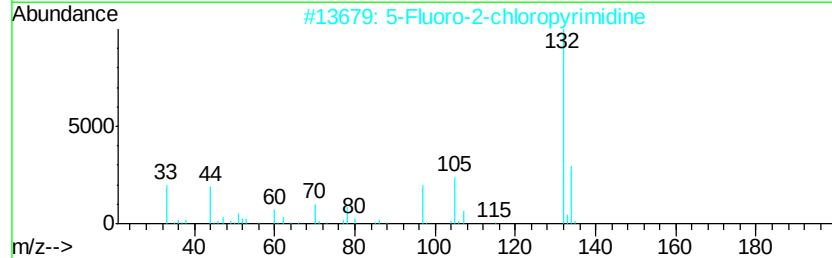
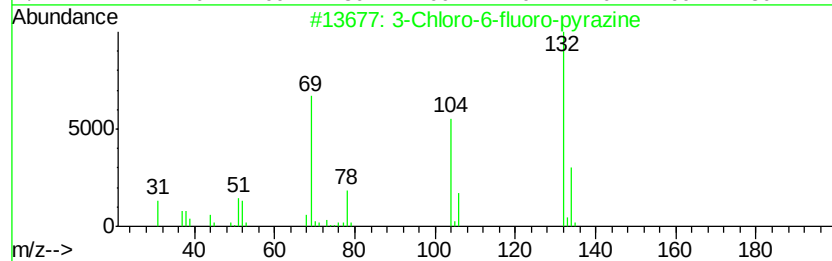
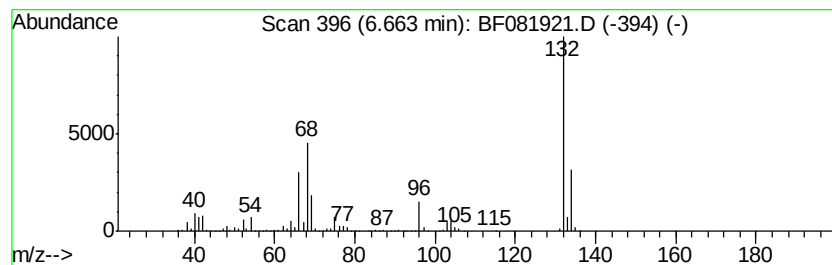
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	45.99 ng	1381830	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypramine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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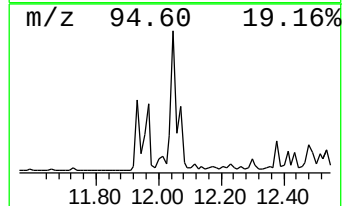
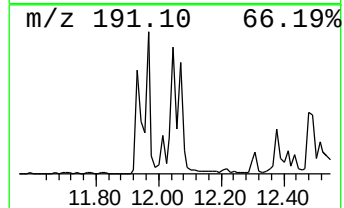
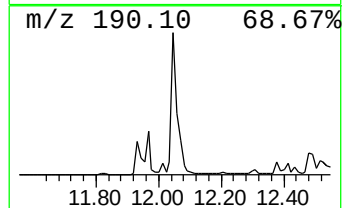
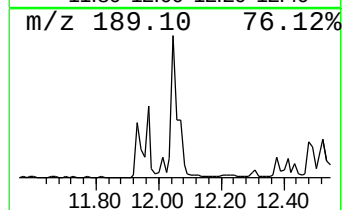
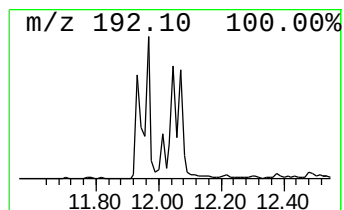
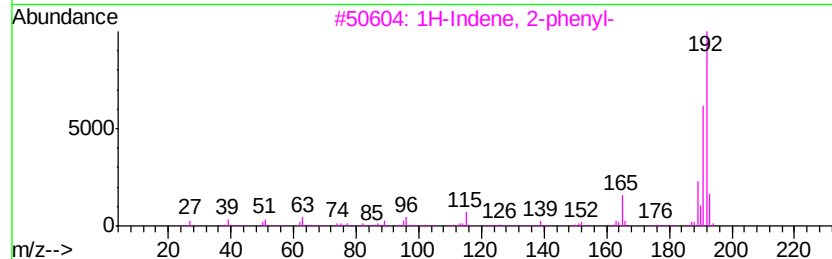
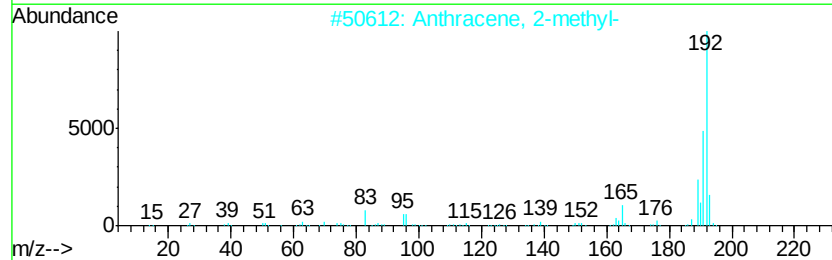
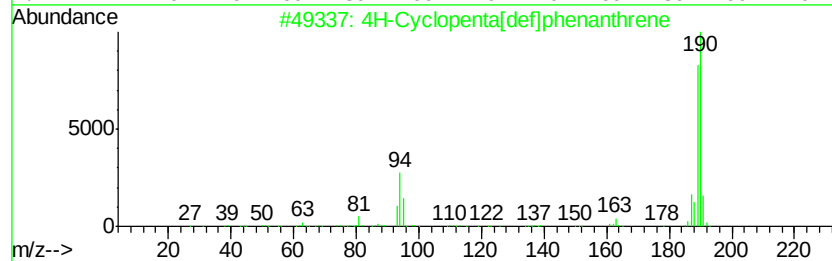
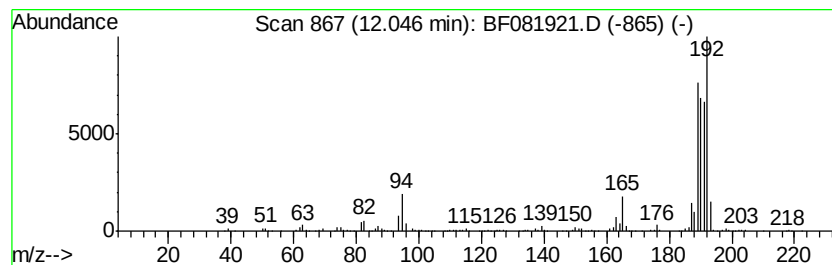
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TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	8.35 ng	1551360	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
4		1H-Cyclopropa[all]phenanthrene, 1a, ...	192	C15H12	000949-41-7	50
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
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Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
Sample : G3866-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

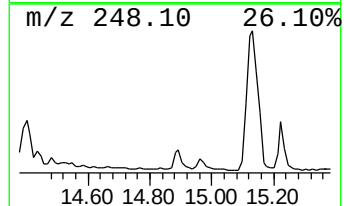
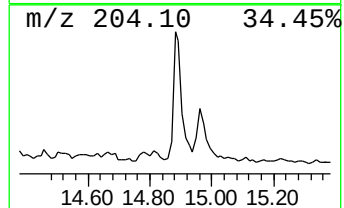
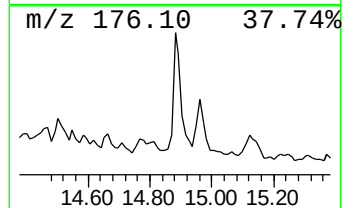
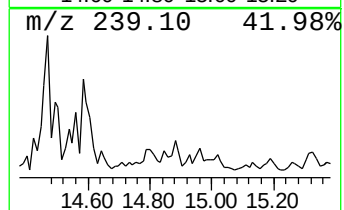
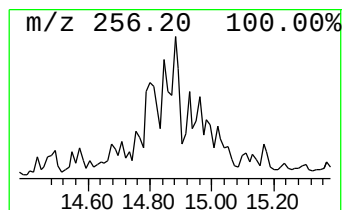
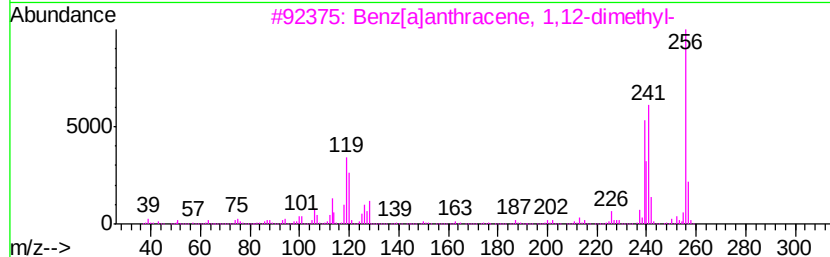
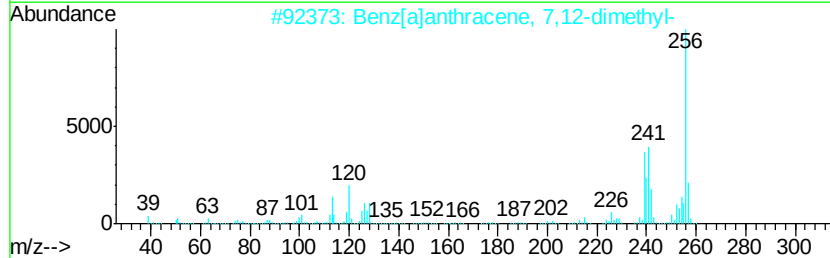
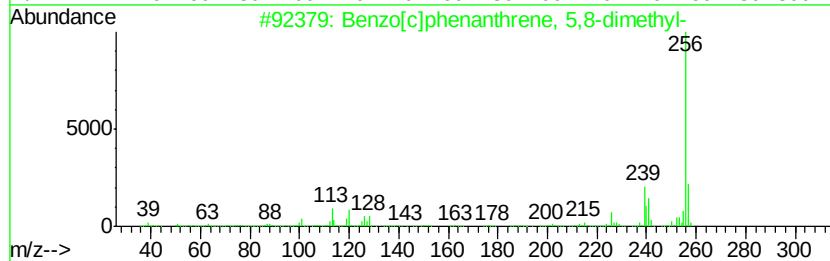
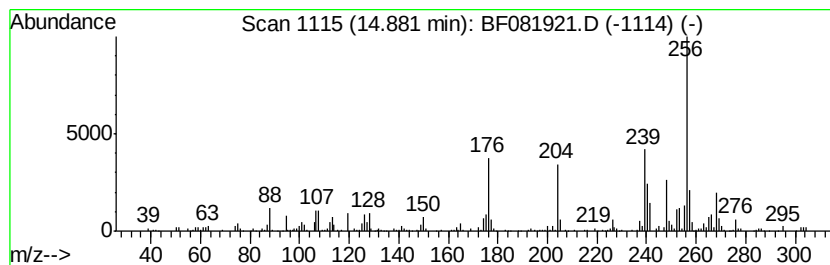
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ClientSampleId :
E5WC-1(6-12)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[c]phenanthrene, 5,8-d... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.88	5.84 ng	197098	Perylene-d12	15.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	83
2		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	64
3		Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	52
4		4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	47
5		Chrysene, 5-ethyl-	256	C20H16	054986-62-8	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081921.D
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Operator : UM/IZ
Sample : G3866-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

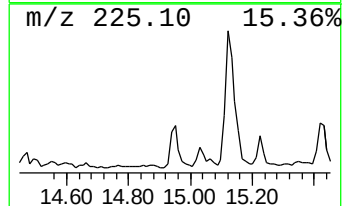
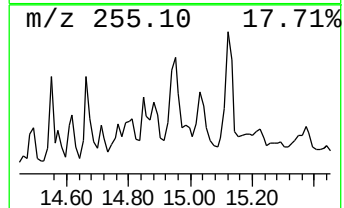
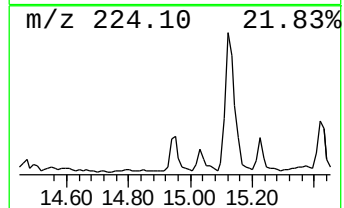
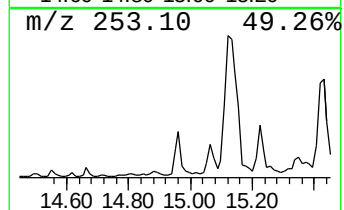
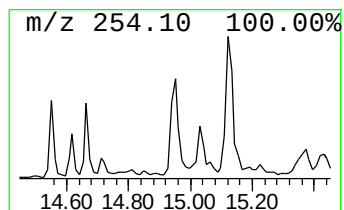
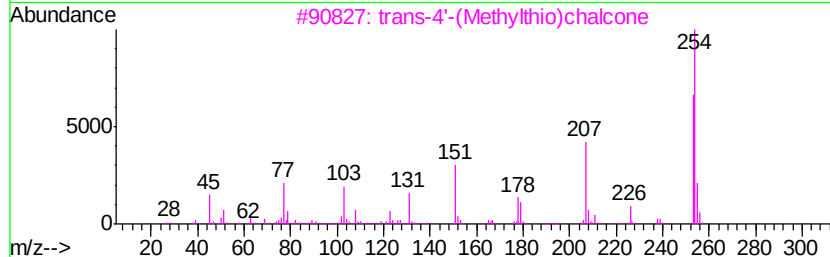
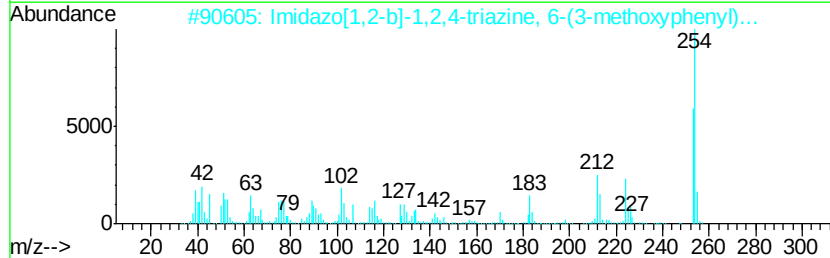
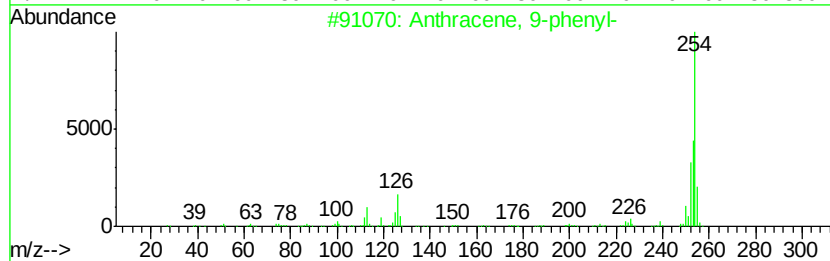
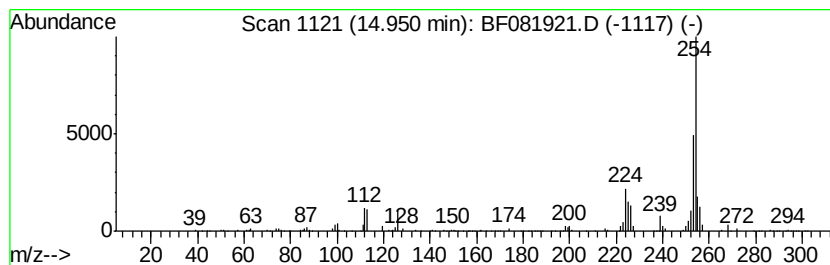
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 9-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	16.31 ng	550375	Perylene-d12	15.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Anthracene, 9-phenyl-	254 C20H14	000602-55-1 59
2		Imidazo[1,2-b]-1,2,4-triazine, 6...	254 C14H14N4O	1000277-24-4 53
3		trans-4'-(Methylthio)chalcone	254 C16H14OS	017129-07-6 53
4		1,1'-Binaphthalene	254 C20H14	000604-53-5 53
5		3-Phenylthio-2H-chromen-2-one	254 C15H10O2S	072167-95-4 50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081921.D
Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
Sample : G3866-01 2X
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ALS Vial : 12 Sample Multiplier: 1

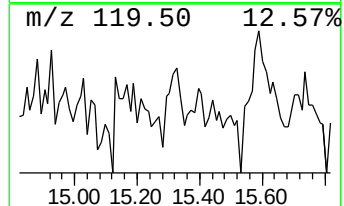
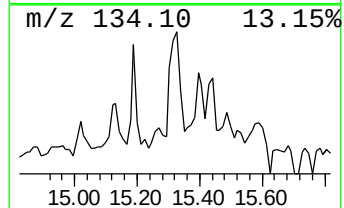
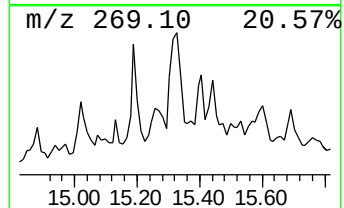
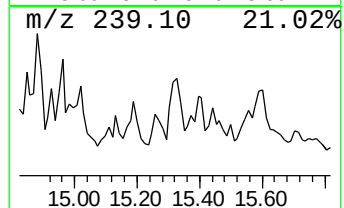
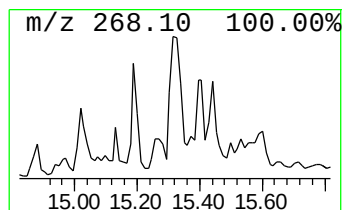
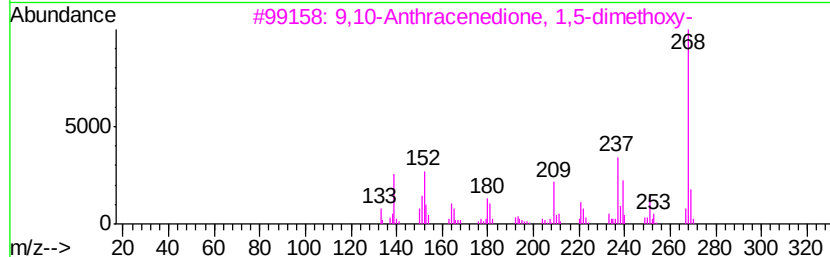
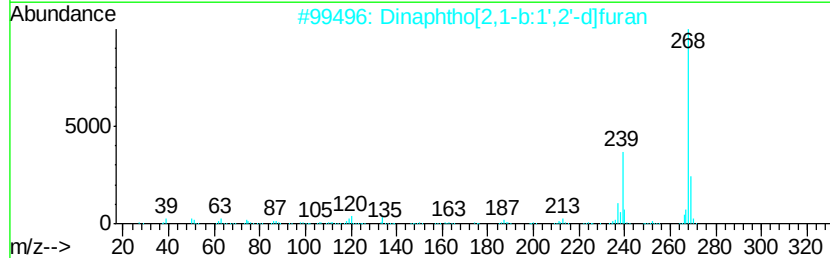
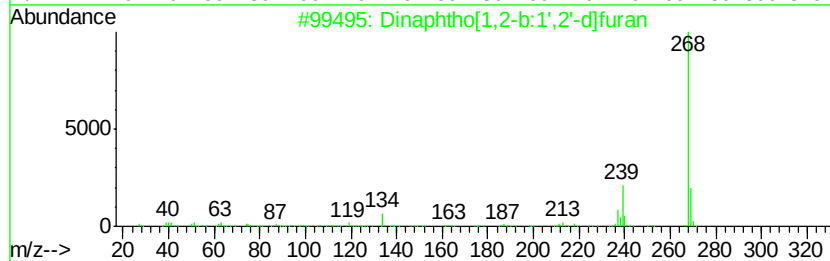
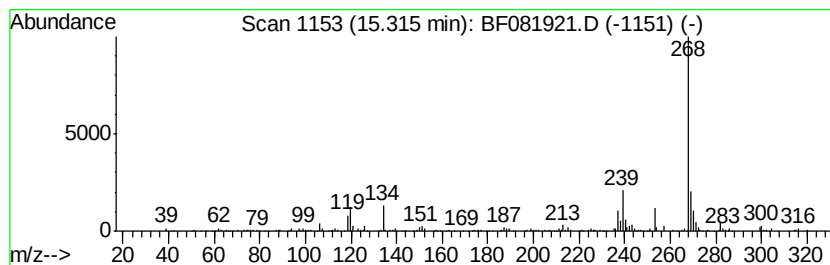
Instrument :
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ClientSampleId :
E5WC-1(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.32	9.92 ng	334801	Perylene-d12	15.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	95
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	74
3		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	59
4		4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	53
5		9,10-Anthracenedione, 1,4-diamin...	268	C15H12N2O3	002872-48-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081921.D
Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
Sample : G3866-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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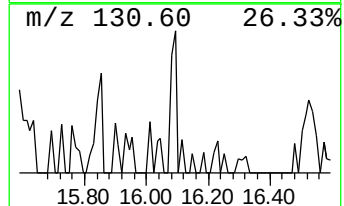
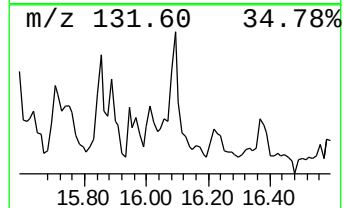
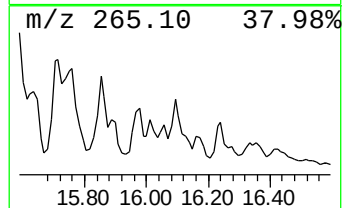
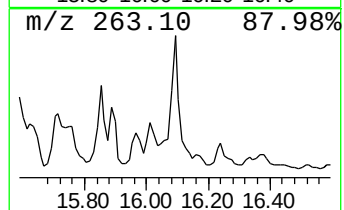
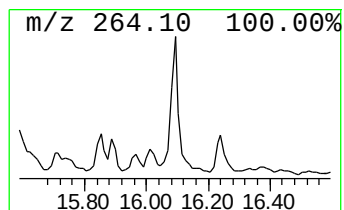
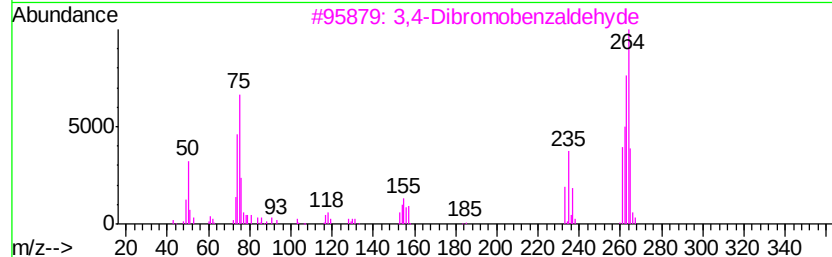
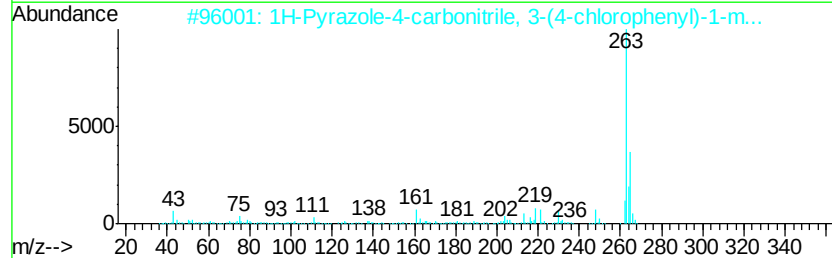
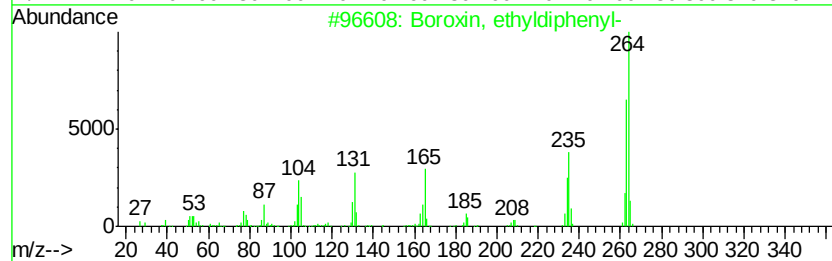
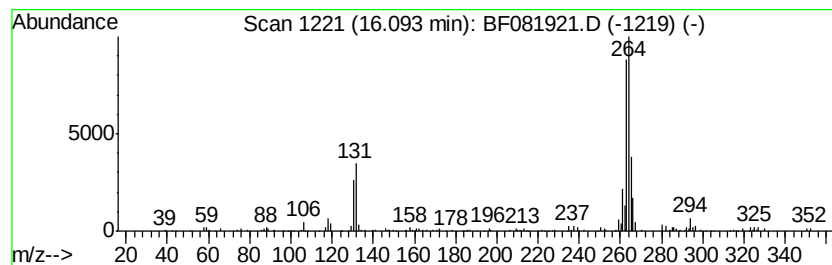
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Boroxin, ethyldiphenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	8.17 ng	275604	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	59
2		1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	38
3		3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	38
4		Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	32
5		2,4,6,8-Tetrathiatricyclo[3.3.1....	264	C10H16S4	007000-79-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081921.D
Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
Sample : G3866-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E5WC-1(6-12)

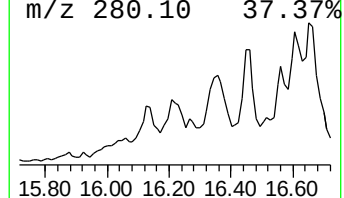
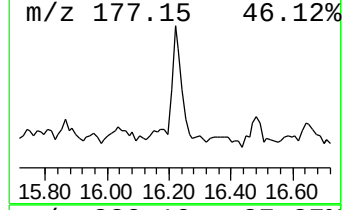
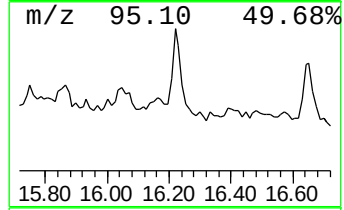
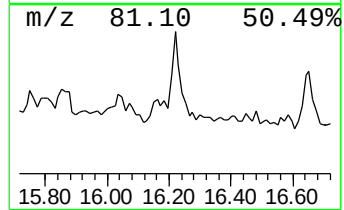
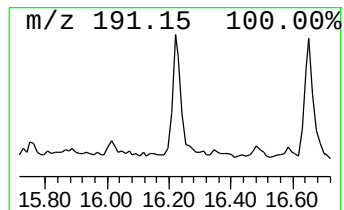
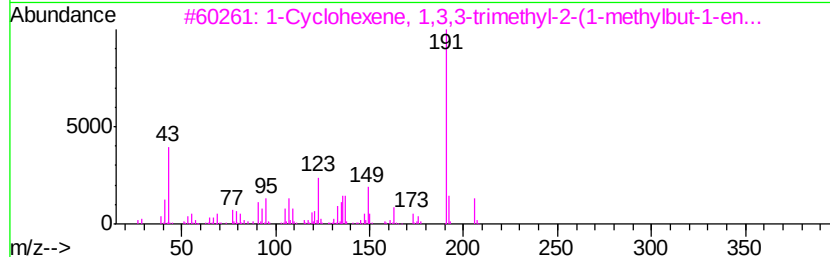
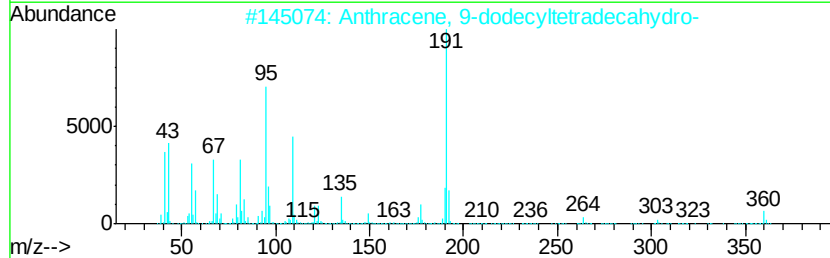
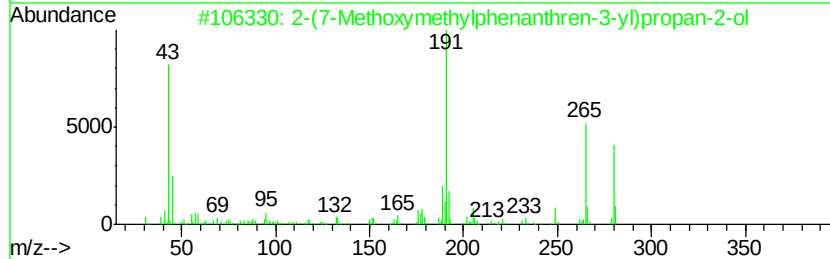
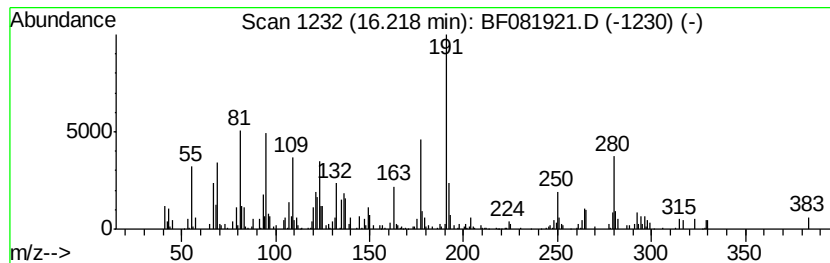
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.22 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	7.74 ng	261150	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(7-Methoxymethylphenanthren-3-...	280	C19H20O2	1000201-97-9	35
2		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	32
3		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	32
4		4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	30
5		6-(2-Fluoro-phenyl)-5-nitro-pipe...	238	C11H11FN2O3	1000275-16-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081921.D
Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
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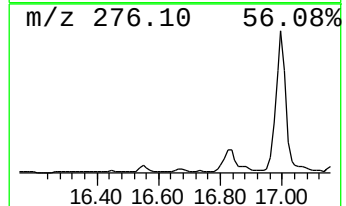
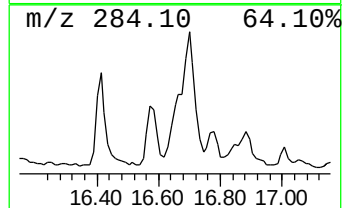
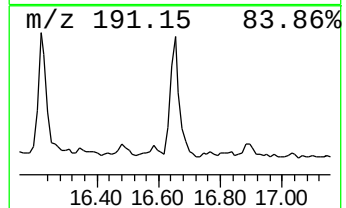
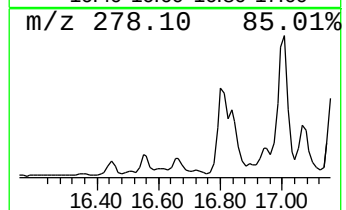
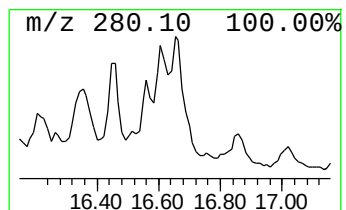
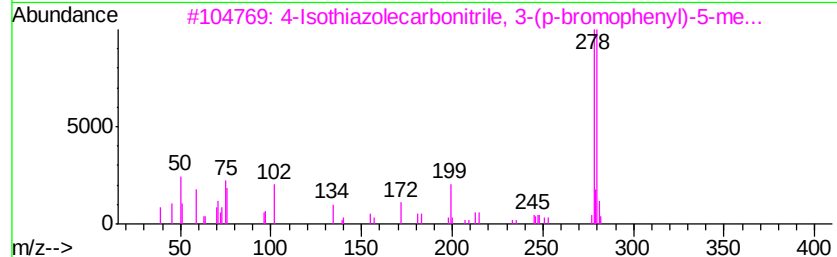
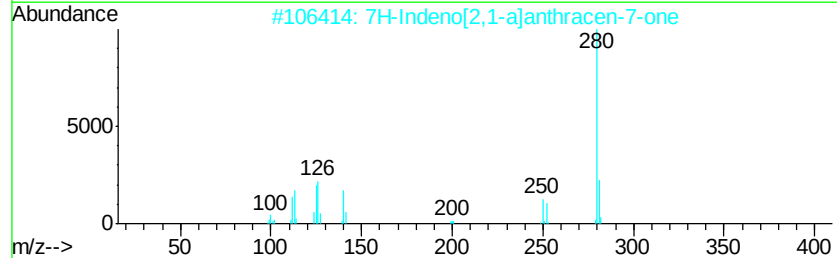
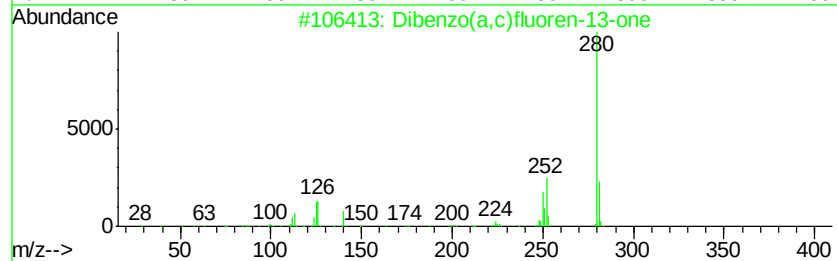
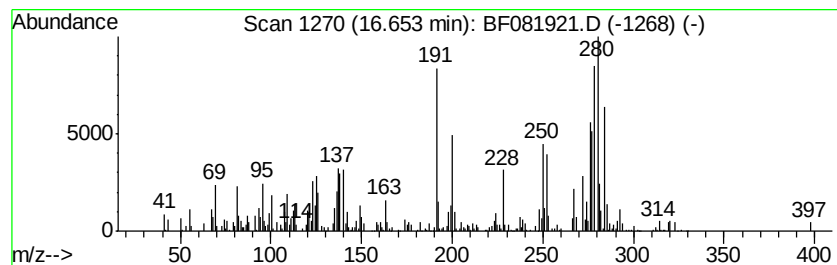
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dibenzo(a,c)fluoren-13-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	15.79 ng	532939	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	62
2		7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	30
3		4-Isothiazolecarbonitrile, 3-(p-...	278	C11H7BrN2S	019762-79-9	22
4		Dibenzo[a,c]phenazine	280	C20H12N2	000215-64-5	11
5		1,3-Diamino-8,9-dichloro-5,6-dih...	280	C12H10Cl2N4	037436-48-9	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081921.D
Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
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E5WC-1(6-12)

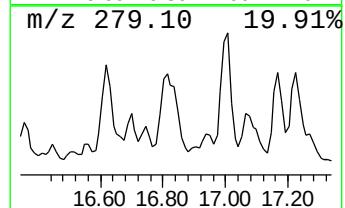
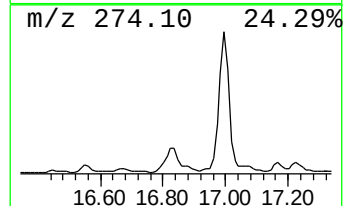
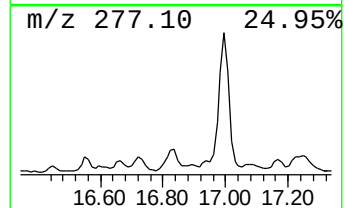
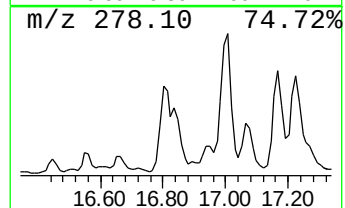
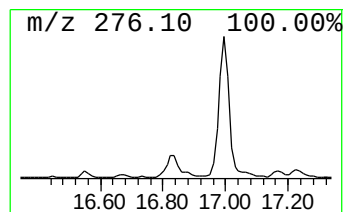
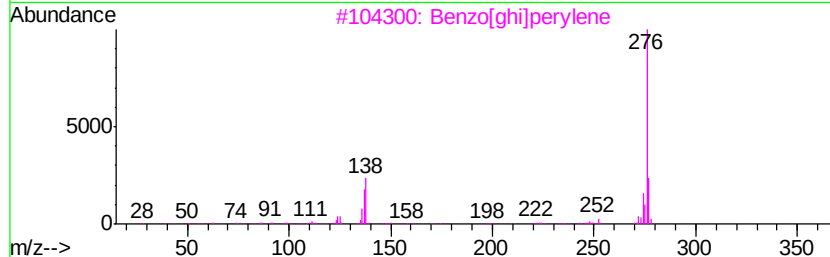
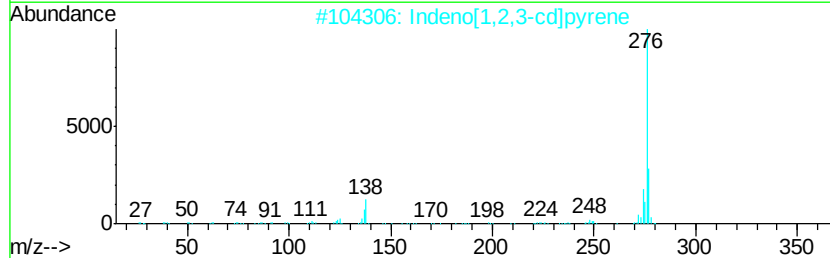
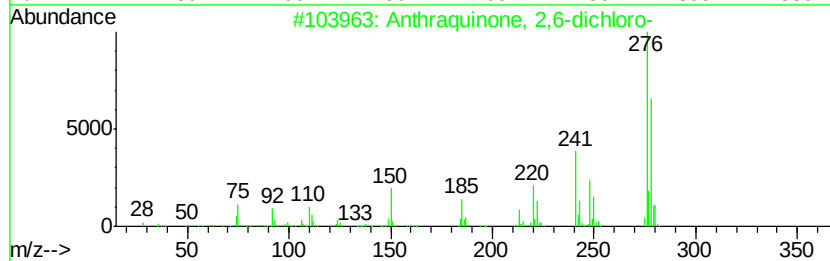
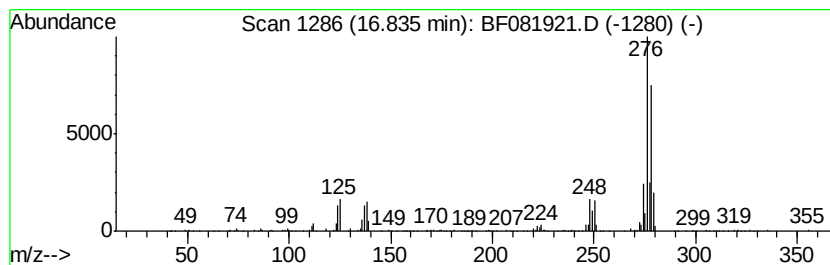
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthraquinone, 2,6-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	20.72 ng	699132	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthraquinone, 2,6-dichloro-	276	C14H6Cl2O2	000605-40-3	72
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	46
3		Benzo[ghi]perylene	276	C22H12	000191-24-2	46
4		Pyrene, 1-phenyl-	278	C22H14	005101-27-9	43
5		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081921.D
Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
Sample : G3866-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

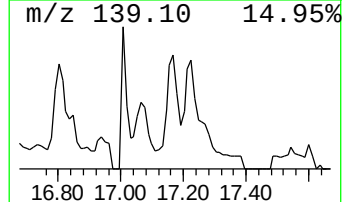
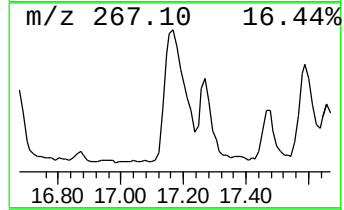
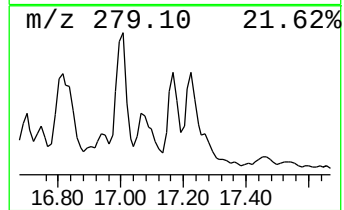
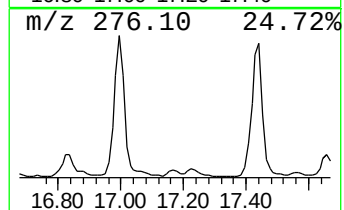
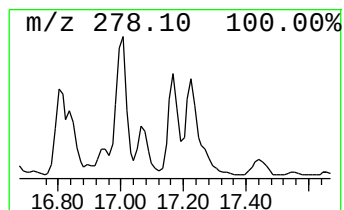
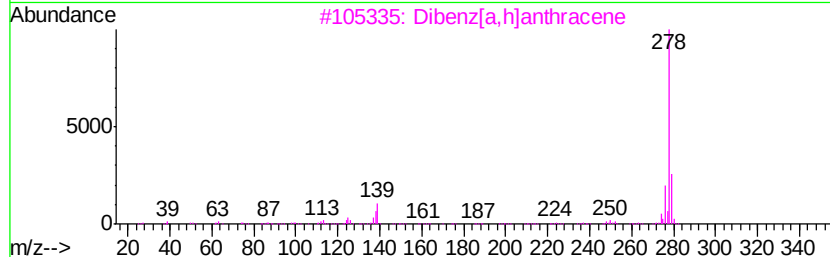
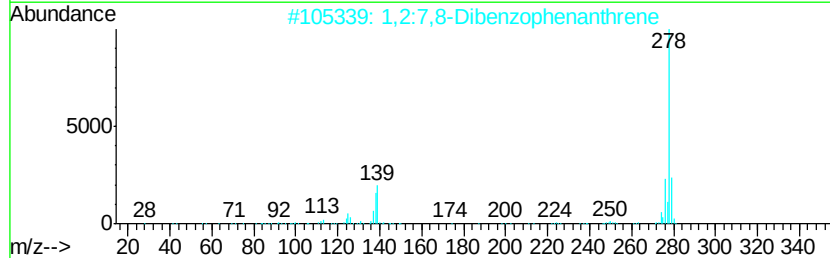
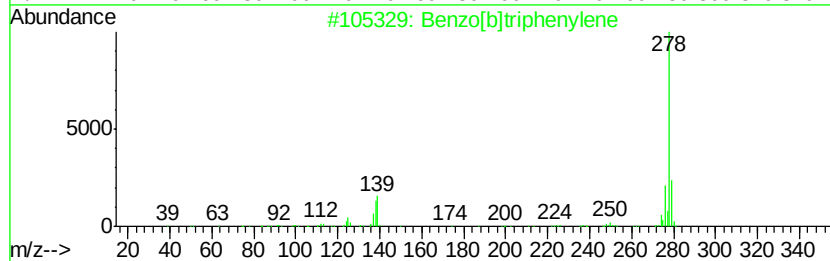
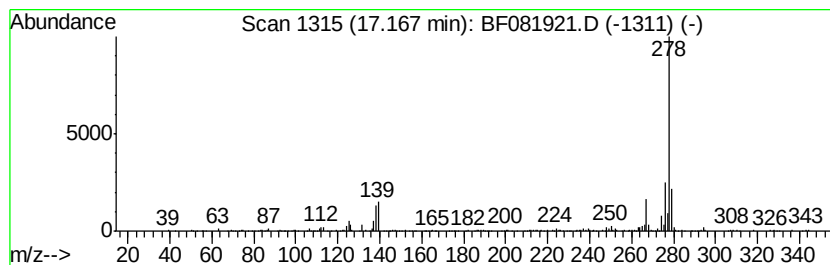
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[b]triphenylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	10.15 ng	342531	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4		Benzo[b]chrysene	278	C22H14	000214-17-5	96
5		Pentacene	278	C22H14	000135-48-8	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
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Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
Sample : G3866-01 2X
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E5WC-1(6-12)

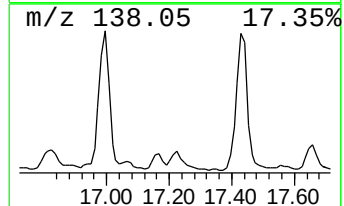
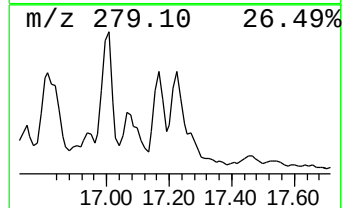
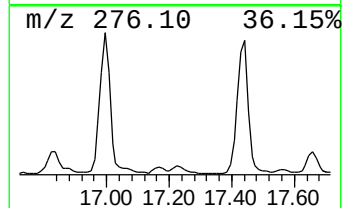
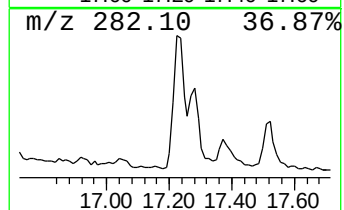
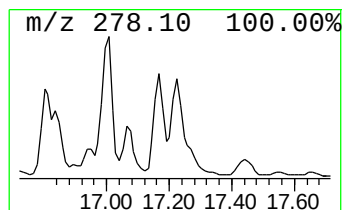
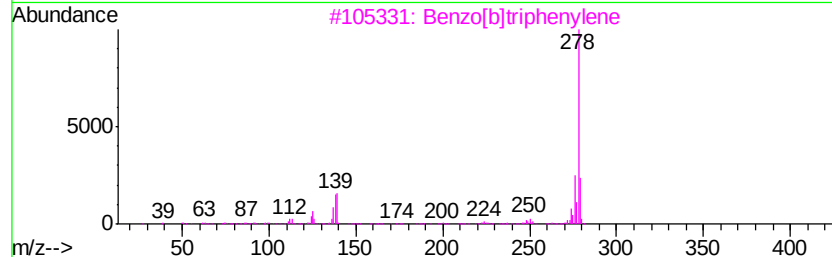
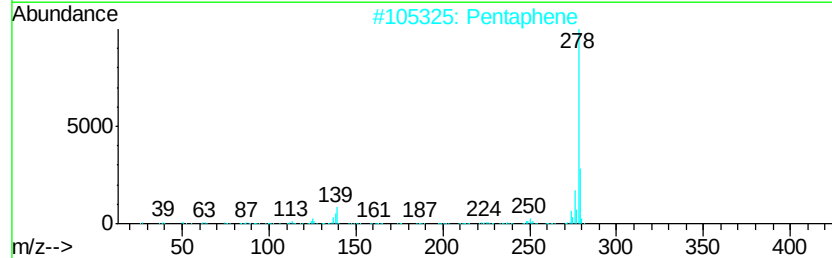
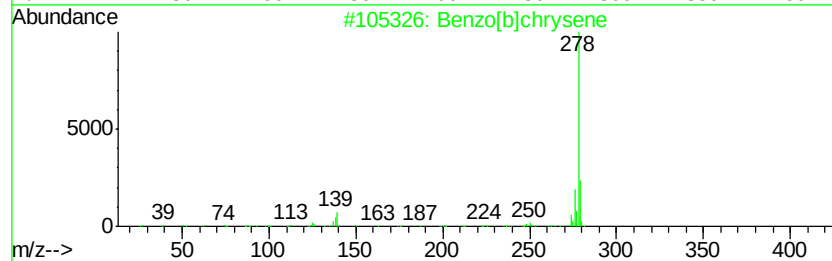
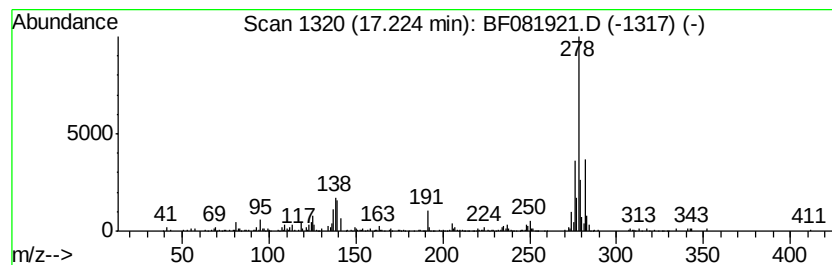
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]chrysene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	9.60 ng	324001	Perylene-d12	15.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]chrysene	278	C22H14	000214-17-5	91
2			Pentaphene	278	C22H14	000222-93-5	91
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	91
4			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	91
5			Benzo[a]naphthacene	278	C22H14	000226-88-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081921.D
Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
Sample : G3866-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

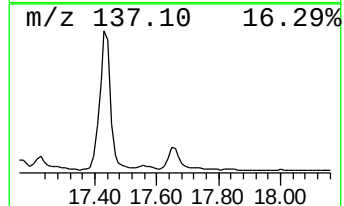
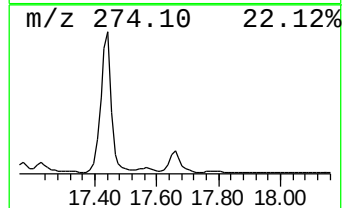
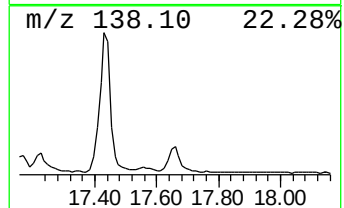
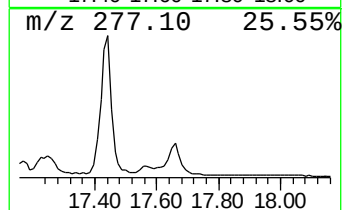
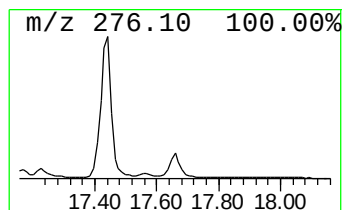
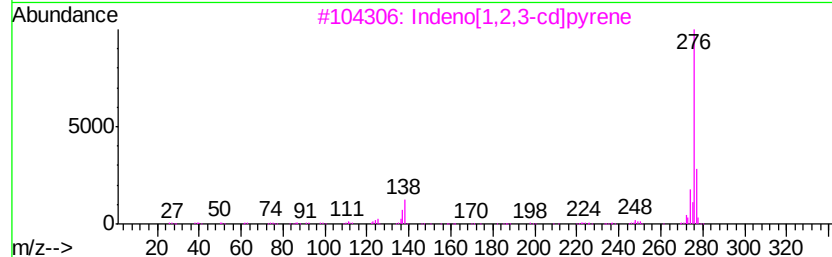
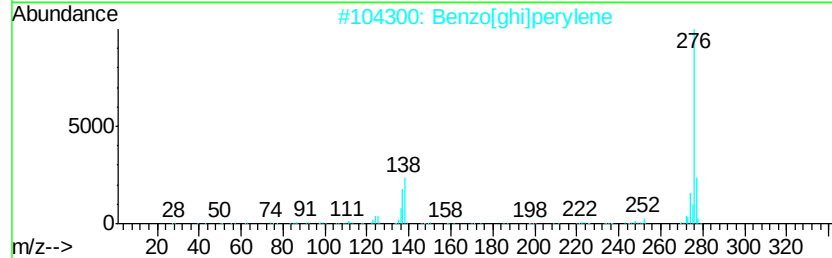
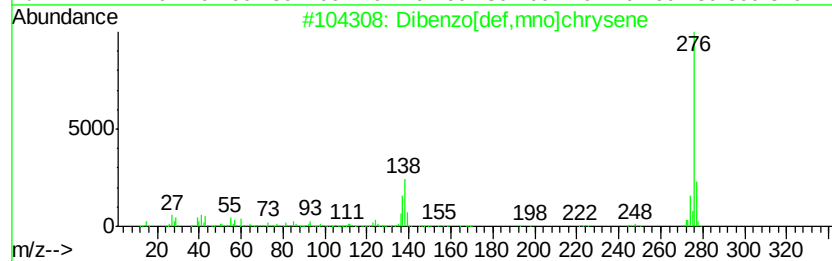
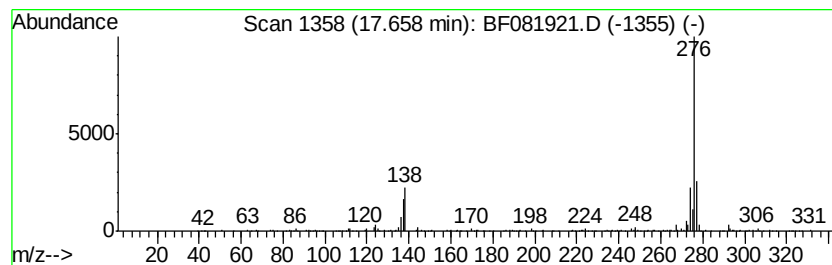
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dibenzo[def,mno]chrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	10.01 ng	337700	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	95
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5		Phenol, 2-(4-chlorophenyl)iminome...	276	C13H9ClN2O3	1000262-90-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081921.D
Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
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ClientSampleId :
E5WC-1(6-12)

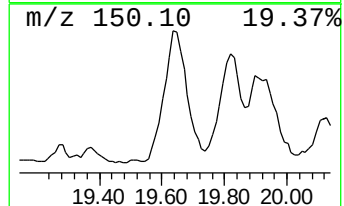
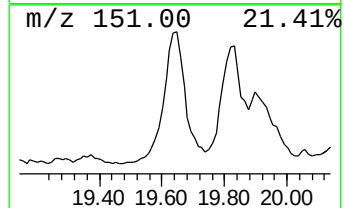
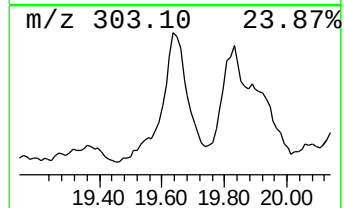
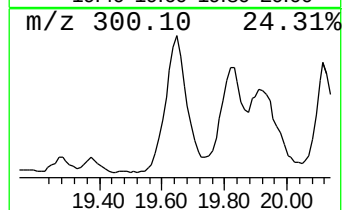
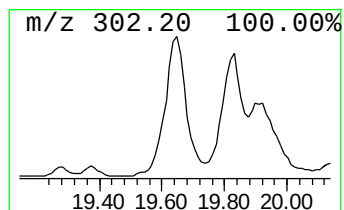
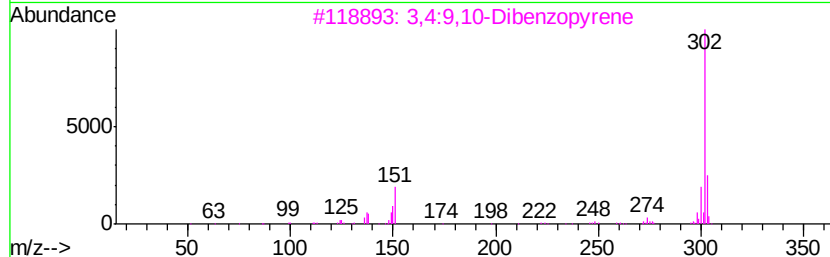
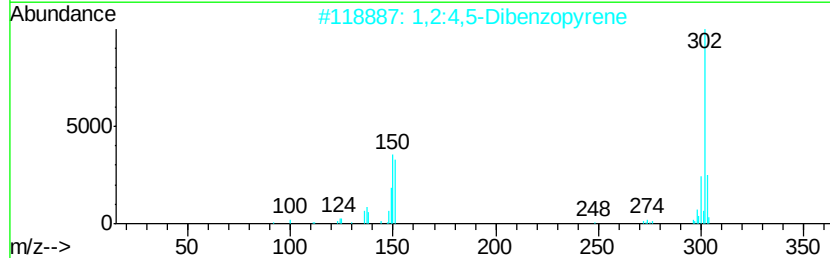
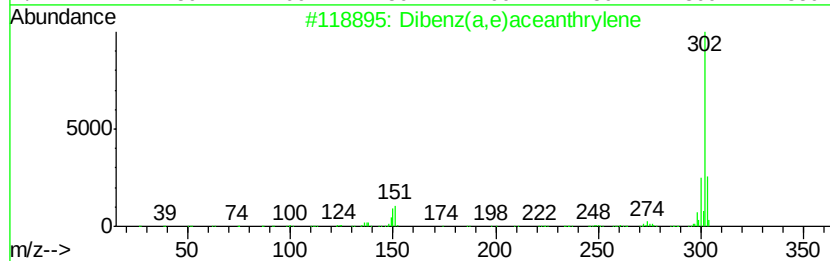
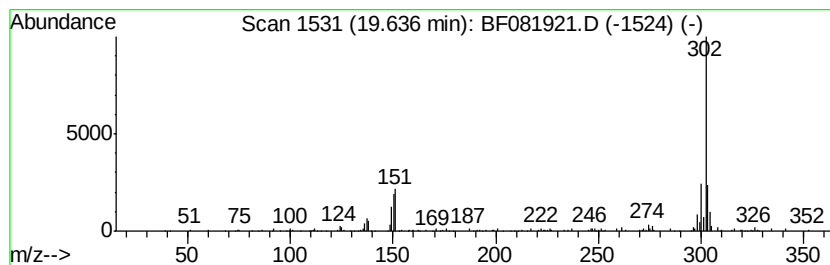
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenz(a,e)aceanthrylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	18.55 ng	625816	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081921.D
Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
Sample : G3866-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E5WC-1(6-12)

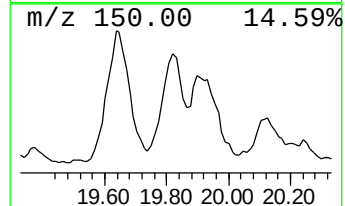
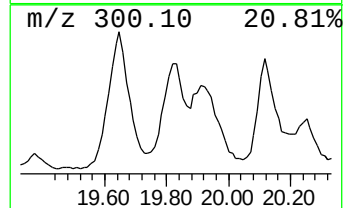
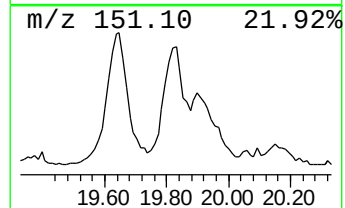
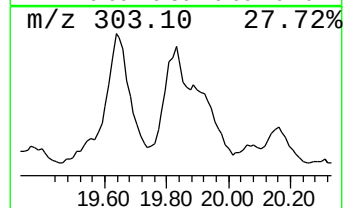
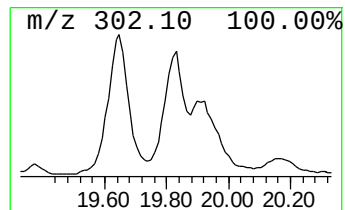
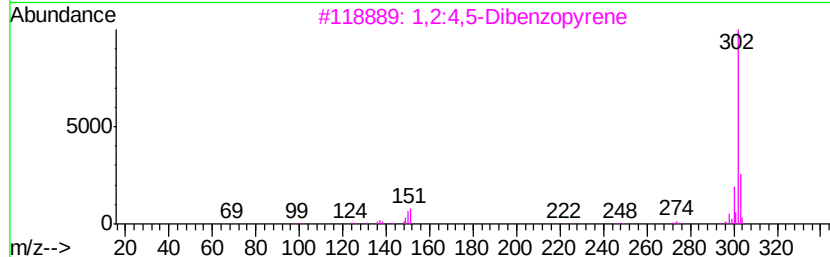
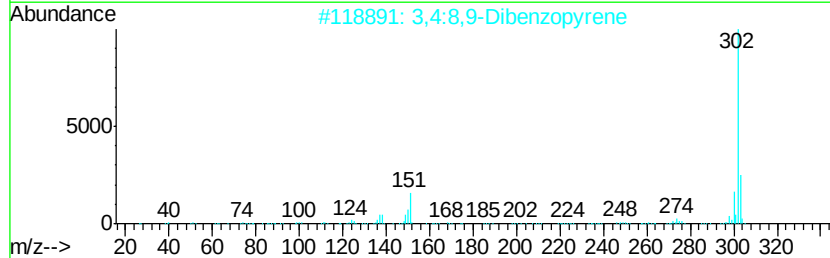
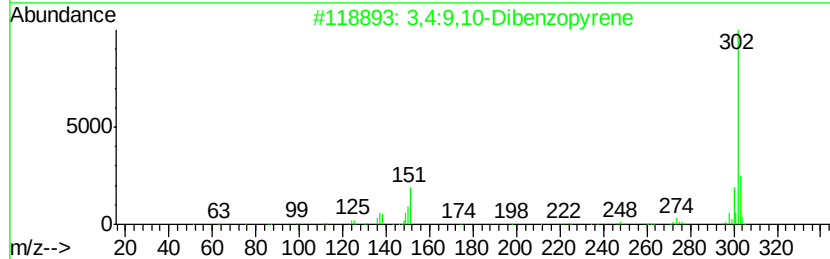
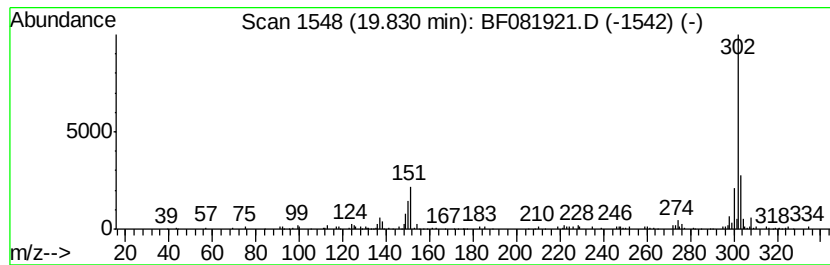
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 3,4:9,10-Dibenzopyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	11.50 ng	388141	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	99
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081921.D
Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
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E5WC-1(6-12)

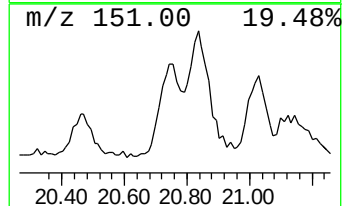
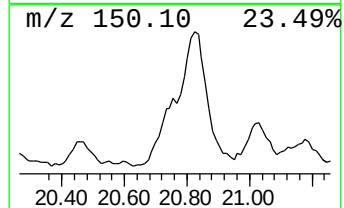
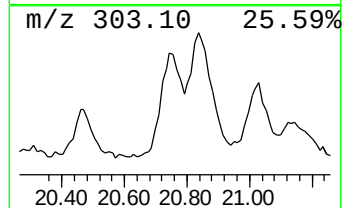
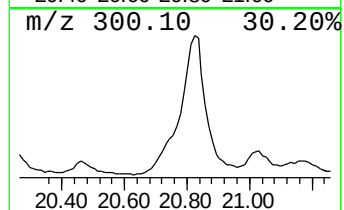
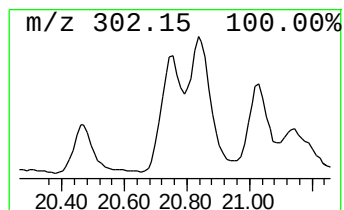
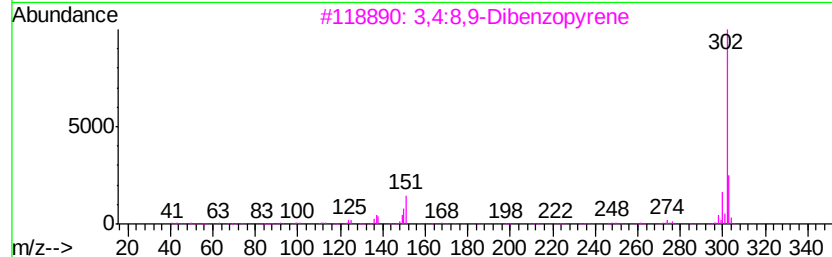
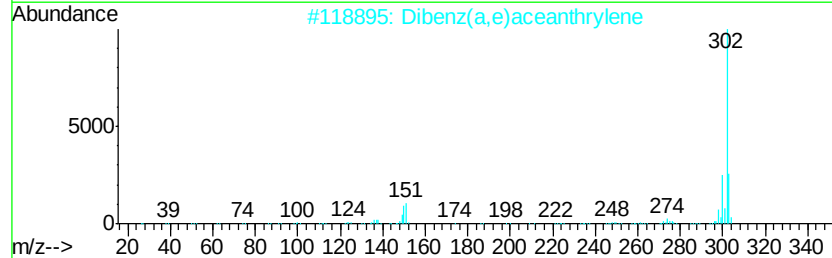
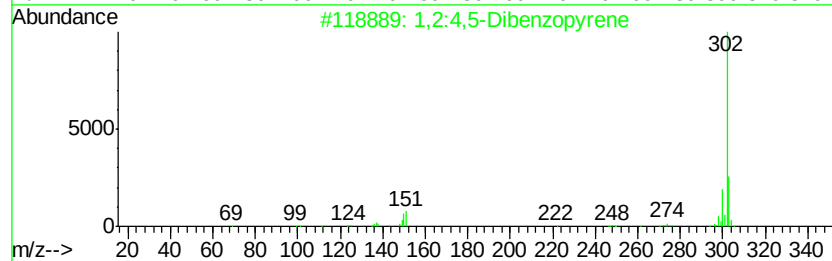
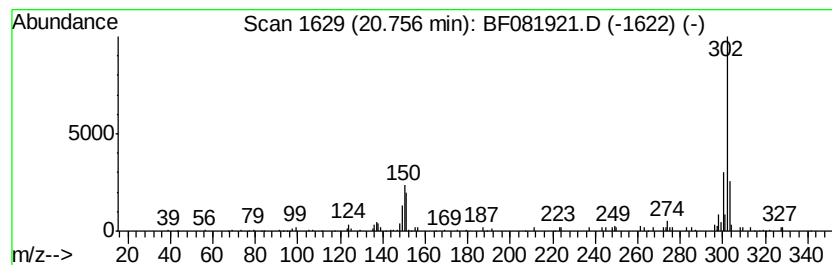
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	5.73 ng	193457	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
4		Indeno[1,2,3-f]naphthacene	302	C24H14	000203-11-2	91
5		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081921.D
Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
E5WC-1(6-12)

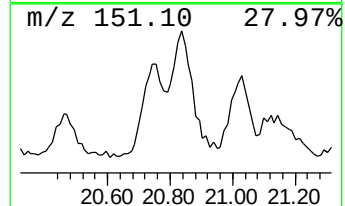
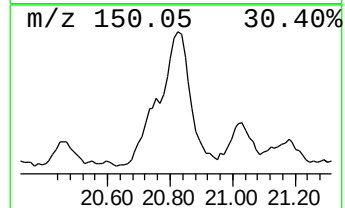
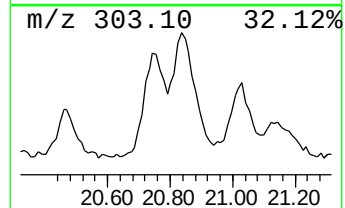
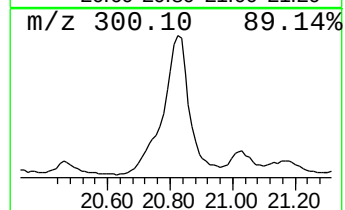
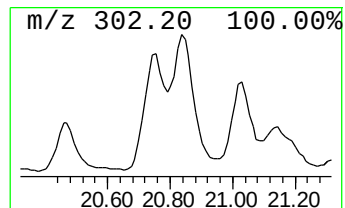
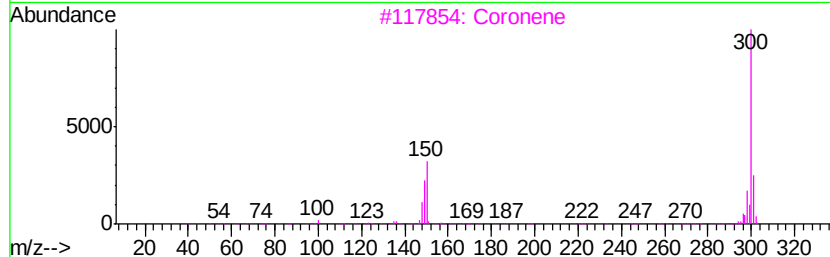
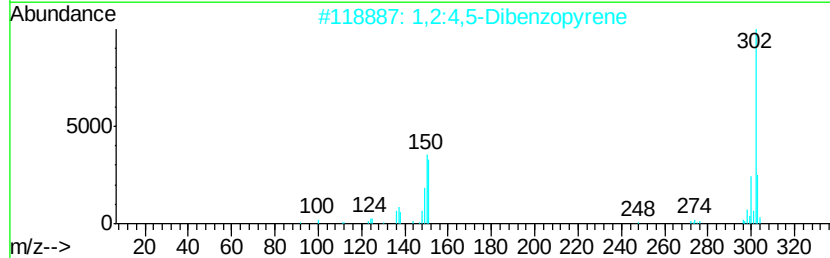
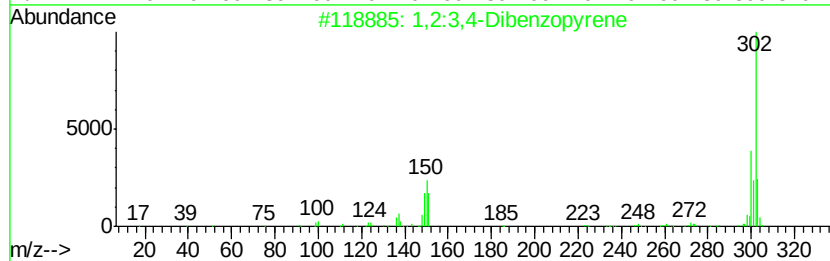
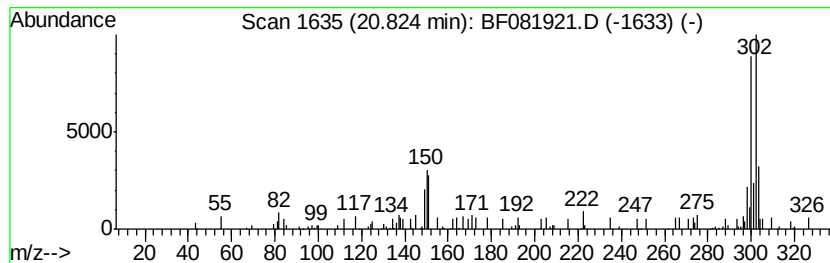
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:3,4-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	11.60 ng	391342	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	55
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	55
3		Coronene	300	C24H12	000191-07-1	50
4		Indeno[1,2,3-f]naphthacene	302	C24H14	000203-11-2	46
5		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081921.D
 Acq On : 1 Oct 2015 00:53
 Operator : UM/IZ
 Sample : G3866-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E5WC-1(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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
2-Pentanone, 4-hy...	5.09	24.6	ng	739304	1	6.90	600969	20.0
unknown6.66	6.66	46.0	ng	1381830	1	6.90	600969	20.0
4H-Cyclopenta[def...	12.05	8.3	ng	1551360	4	11.44	3716350	20.0
Benzo[c]phenanthr...	14.88	5.8	ng	197098	6	15.54	674893	20.0
Anthracene, 9-phe...	14.95	16.3	ng	550375	6	15.54	674893	20.0
Dinaphtho[1,2-b:1...	15.32	9.9	ng	334801	6	15.54	674893	20.0
Boroxin, ethyldip...	16.09	8.2	ng	275604	6	15.54	674893	20.0
unknown16.22	16.22	7.7	ng	261150	6	15.54	674893	20.0
Dibenzo(a,c)fluor...	16.65	15.8	ng	532939	6	15.54	674893	20.0
Anthraquinone, 2,...	16.84	20.7	ng	699132	6	15.54	674893	20.0
Benzo[b]triphenylene	17.17	10.2	ng	342531	6	15.54	674893	20.0
Benzo[b]chrysene	17.22	9.6	ng	324001	6	15.54	674893	20.0
Dibenzo[def,mno]c...	17.66	10.0	ng	337700	6	15.54	674893	20.0
Dibenz(a,e)aceant...	19.64	18.6	ng	625816	6	15.54	674893	20.0
3,4:9,10-Dibenzop...	19.83	11.5	ng	388141	6	15.54	674893	20.0
1,2:4,5-Dibenzopy...	20.76	5.7	ng	193457	6	15.54	674893	20.0
1,2:3,4-Dibenzopy...	20.82	11.6	ng	391342	6	15.54	674893	20.0