

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079964.D
 Acq On : 13 Jun 2015 7:46
 Operator : TP/IZ
 Sample : G2599-03 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W3-6.5-7

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-BF061115.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	2.238	89	92	95	rVB	1802204	2162411	42.76%	3.583%
2	2.330	98	100	128	rVB	826220	2038921	40.31%	3.378%
3	5.987	417	420	422	rBV	597119	502981	9.95%	0.833%
4	6.970	504	506	509	rBV	608831	513171	10.15%	0.850%
5	7.142	519	521	523	rBV	683669	553852	10.95%	0.918%
6	7.382	540	542	544	rBV	197831	249965	4.94%	0.414%
7	7.530	553	555	557	rBV	360646	408638	8.08%	0.677%
8	7.930	588	590	592	rBV	375342	296468	5.86%	0.491%
9	8.685	653	656	659	rBV2	314984	721163	14.26%	1.195%
10	9.382	715	717	719	rVB	183360	161397	3.19%	0.267%
11	9.748	746	749	751	rVB	494702	630529	12.47%	1.045%
12	10.125	780	782	784	rVB2	139908	167684	3.32%	0.278%
13	10.445	808	810	811	rBV	451655	432545	8.55%	0.717%
14	10.479	811	813	814	rVB	830445	951874	18.82%	1.577%
15	10.651	825	828	829	rBV	292770	345545	6.83%	0.573%
16	10.994	856	858	860	rVB	749962	609318	12.05%	1.010%
17	11.085	860	866	867	rBV2	121282	236250	4.67%	0.391%
18	11.154	867	872	874	rVB3	108794	227751	4.50%	0.377%
19	11.234	877	879	881	rVB	534476	490257	9.69%	0.812%
20	11.542	903	906	908	rBV2	92592	179641	3.55%	0.298%
21	11.748	922	924	925	rVB	133014	142599	2.82%	0.236%
22	11.805	925	929	931	rBV2	85081	143886	2.84%	0.238%
23	11.839	931	932	935	rVB	292931	265524	5.25%	0.440%
24	11.977	939	944	946	rBV	4742741	5057530	100.00%	8.380%
25	12.022	946	948	950	rVB	1398254	1139414	22.53%	1.888%
26	12.171	959	961	963	rBV2	690584	662107	13.09%	1.097%
27	12.457	983	986	987	rBV	412776	394719	7.80%	0.654%
28	12.479	987	988	990	rVB	415769	485511	9.60%	0.804%
29	12.537	990	993	994	rBV	226512	253058	5.00%	0.419%
30	12.582	994	997	1000	rBV2	556675	1013429	20.04%	1.679%
31	12.754	1010	1012	1013	rBV	331251	301933	5.97%	0.500%
32	12.777	1013	1014	1018	rVB	180081	209083	4.13%	0.346%
33	13.028	1034	1036	1038	rBV	159589	209767	4.15%	0.348%
34	13.074	1038	1040	1042	rVB3	90061	130817	2.59%	0.217%

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35	13.120	1042	1044	1049	rVB	135889	165859	3.28%	0.275%
36	13.211	1049	1052	1054	rBV	4474726	4860355	96.10%	8.053%
37	13.371	1063	1066	1069	rVB2	198335	287052	5.68%	0.476%
38	13.451	1069	1073	1076	rBV2	2969003	5025564	99.37%	8.327%
39	13.497	1076	1077	1080	rVB2	215235	219228	4.33%	0.363%
40	13.588	1081	1085	1086	rBV2	989753	1097164	21.69%	1.818%
41	13.622	1086	1088	1091	rVB	213149	244397	4.83%	0.405%
42	13.680	1091	1093	1095	rBV2	206769	416045	8.23%	0.689%
43	13.805	1098	1104	1106	rBV	647549	889668	17.59%	1.474%
44	13.874	1108	1110	1112	rBV	371262	490228	9.69%	0.812%
45	13.920	1112	1114	1116	rBV2	252561	365698	7.23%	0.606%
46	14.034	1121	1124	1125	rVV	121373	183016	3.62%	0.303%
47	14.068	1125	1127	1132	rVV2	166784	292333	5.78%	0.484%
48	14.148	1132	1134	1136	rVB3	97652	124966	2.47%	0.207%
49	14.251	1138	1143	1144	rBV4	89733	184282	3.64%	0.305%
50	14.285	1144	1146	1150	rVB2	88255	170881	3.38%	0.283%
51	14.377	1152	1154	1157	rVB	217697	281970	5.58%	0.467%
52	14.514	1163	1166	1167	rBV2	332030	447558	8.85%	0.742%
53	14.548	1167	1169	1170	rVV	323026	356247	7.04%	0.590%
54	14.583	1170	1172	1174	rVV2	331662	577371	11.42%	0.957%
55	14.617	1174	1175	1179	rVB	293303	359397	7.11%	0.595%
56	14.708	1179	1183	1187	rBV2	112478	274731	5.43%	0.455%
57	14.800	1187	1191	1193	rBV	2453239	3485816	68.92%	5.776%
58	14.845	1193	1195	1199	rVV	1849409	2057217	40.68%	3.409%
59	14.937	1202	1203	1206	rVV	337179	482662	9.54%	0.800%
60	15.028	1209	1211	1213	rVB	220515	272545	5.39%	0.452%
61	15.074	1213	1215	1218	rBV	314336	383494	7.58%	0.635%
62	15.200	1223	1226	1228	rVV2	91500	150650	2.98%	0.250%
63	15.234	1228	1229	1231	rVV	102854	169668	3.35%	0.281%
64	15.280	1231	1233	1235	rVV	300536	441757	8.73%	0.732%
65	15.325	1235	1237	1239	rVV	170964	231304	4.57%	0.383%
66	15.405	1239	1244	1245	rVV3	160618	392898	7.77%	0.651%
67	15.440	1245	1247	1248	rVV	211253	264057	5.22%	0.438%
68	15.463	1248	1249	1252	rVV2	204842	306719	6.06%	0.508%
69	15.520	1252	1254	1259	rVB4	122447	253214	5.01%	0.420%
70	15.657	1264	1266	1269	rBV2	115485	229131	4.53%	0.380%
71	15.908	1284	1288	1293	rVB2	83751	224656	4.44%	0.372%

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72	16.114	1302	1306	1311	rBV	1291734	3293221	65.12%	5.457%
73	16.251	1316	1318	1321	rVB	253324	359476	7.11%	0.596%
74	16.503	1336	1340	1343	rVB	733738	1250654	24.73%	2.072%
75	16.583	1343	1347	1350	rBV	1081124	1724629	34.10%	2.858%
76	16.651	1350	1353	1355	rVV	376498	625376	12.37%	1.036%
77	16.697	1355	1357	1361	rVB	349903	569351	11.26%	0.943%
78	17.371	1414	1416	1422	rVB2	80914	167968	3.32%	0.278%
79	18.331	1493	1500	1503	rBV3	78819	326940	6.46%	0.542%
80	18.537	1514	1518	1525	rVB2	476618	1183644	23.40%	1.961%
81	18.766	1534	1538	1542	rBV	90875	235405	4.65%	0.390%
82	18.846	1542	1545	1548	rBV3	59924	147913	2.92%	0.245%
83	19.109	1563	1568	1580	rVB	390056	1130863	22.36%	1.874%
84	19.406	1590	1594	1606	rVB	112885	387812	7.67%	0.643%

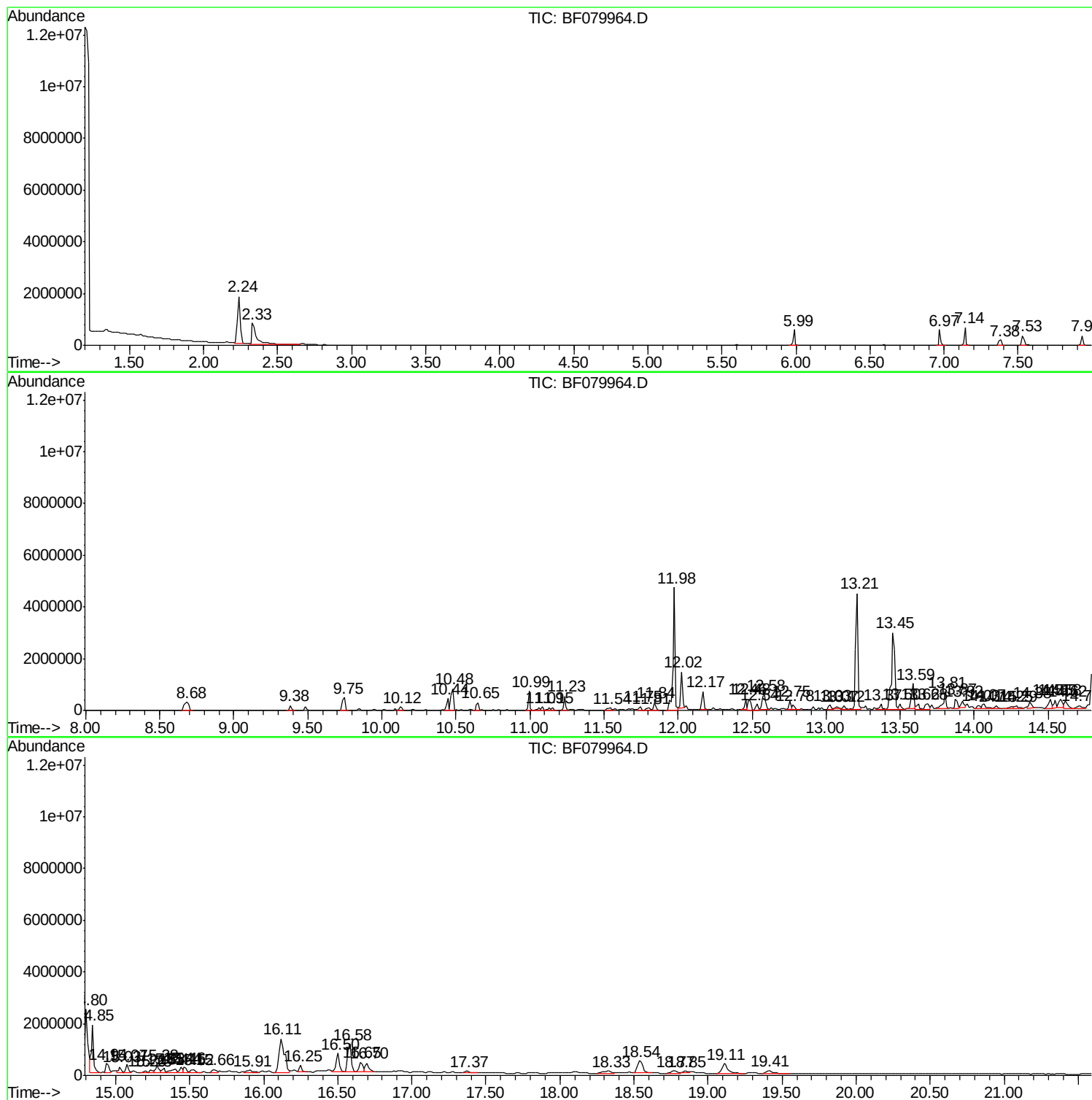
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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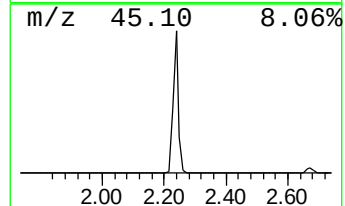
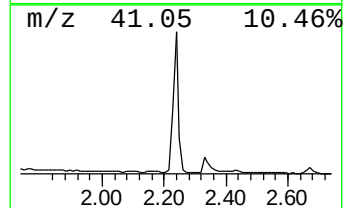
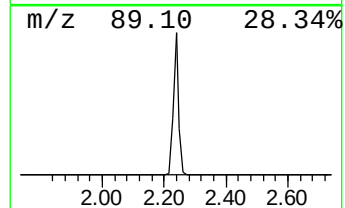
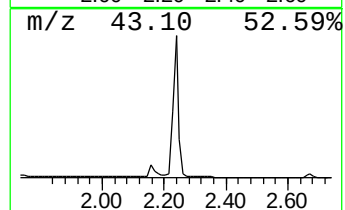
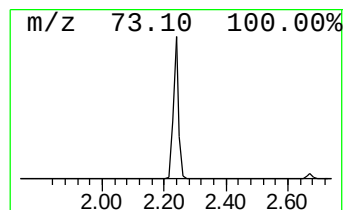
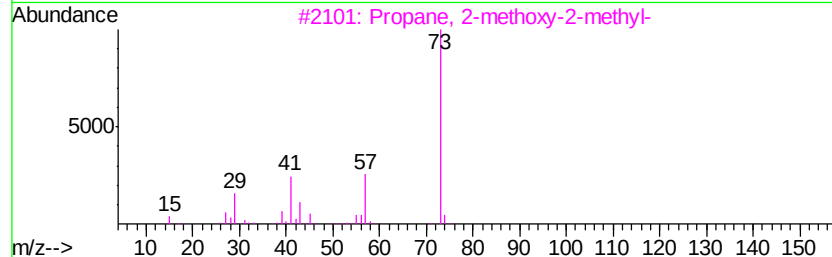
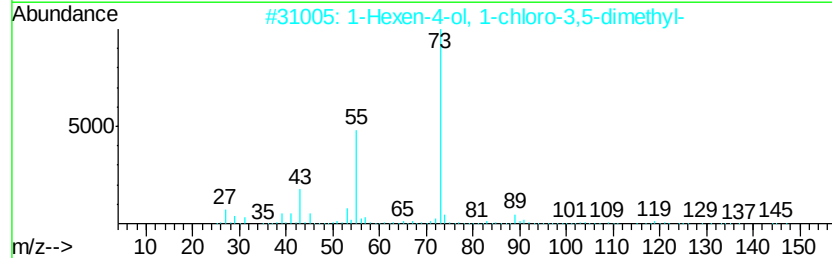
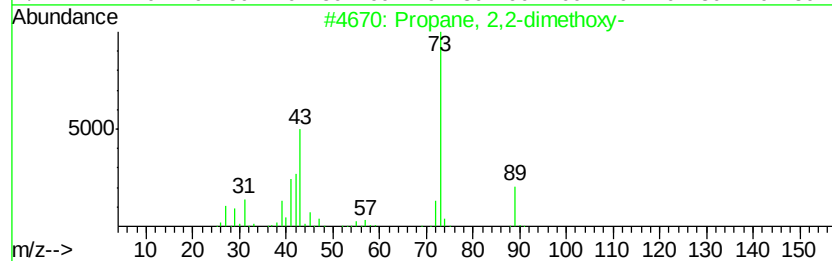
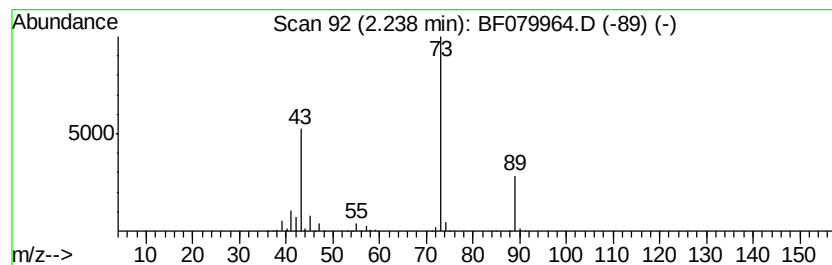
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	173.02 ng	2162410	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5		1,3-Diaminoguanidine	89	CH7N5	004364-78-7	7



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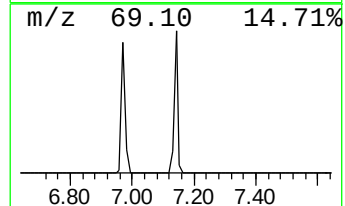
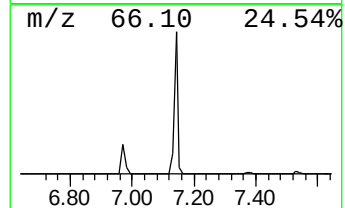
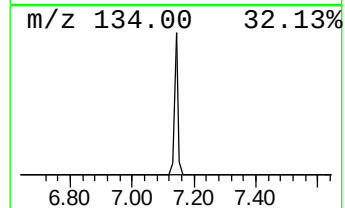
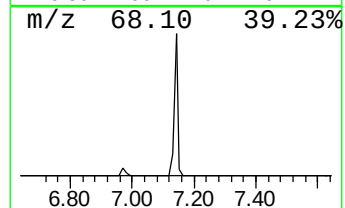
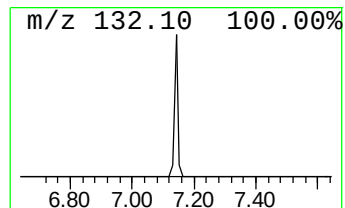
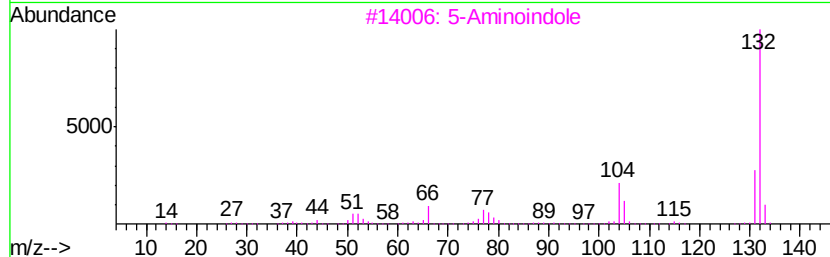
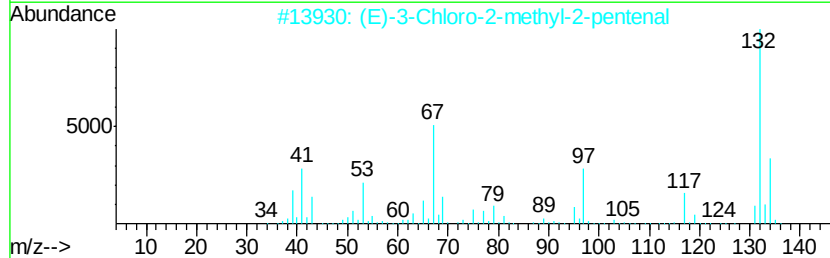
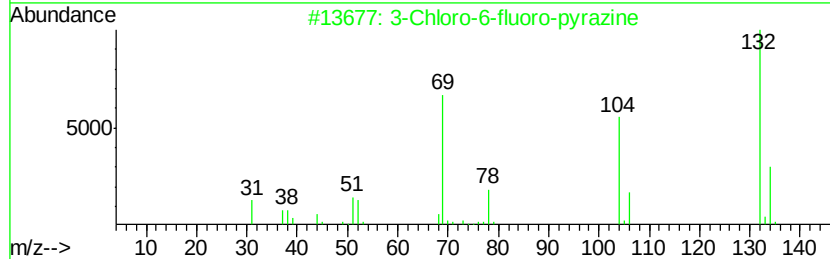
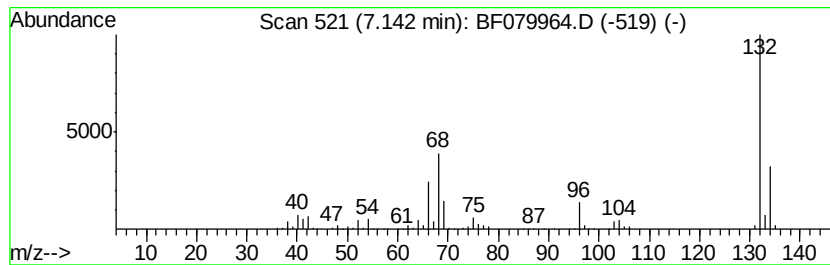
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	44.31 ng	553852	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Amphetaminil	250	C17H18N2	017590-01-1	10



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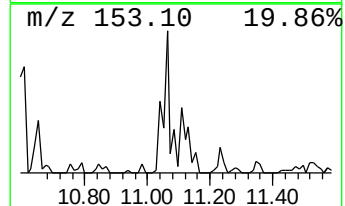
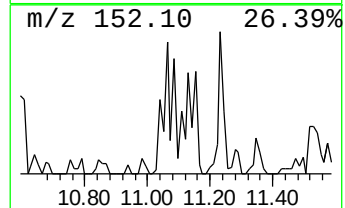
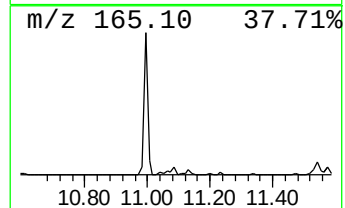
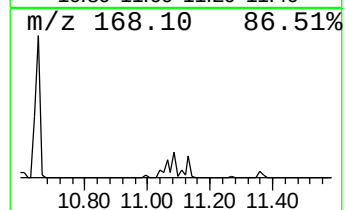
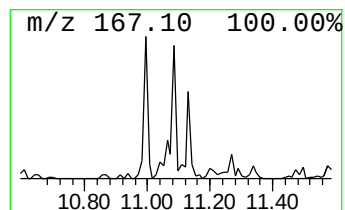
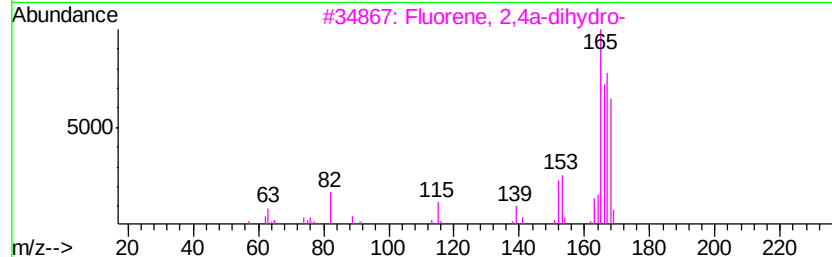
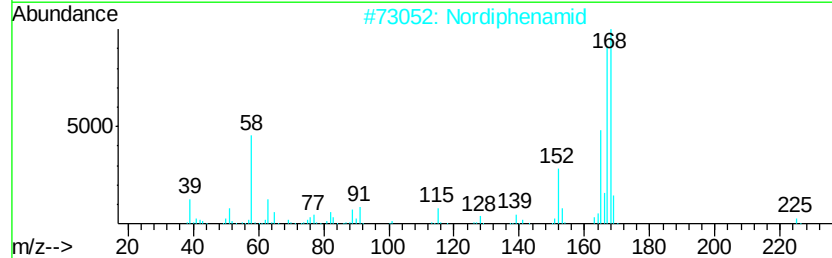
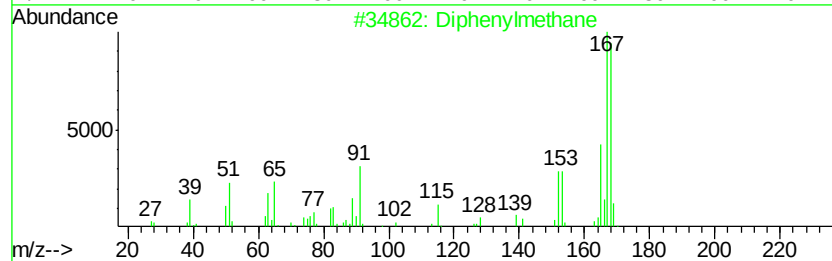
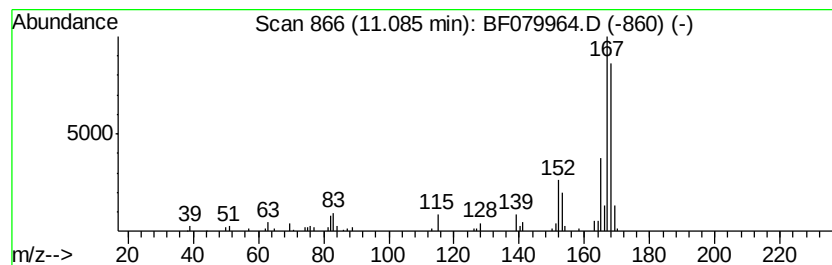
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Diphenylmethane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	10.92 ng	236250	Acenaphthene-d10	10.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Diphenylmethane	168 C13H12	000101-81-5 93
2		Nordiphenamid	225 C15H15NO	000954-21-2 86
3		Fluorene, 2,4a-dihydro-	168 C13H12	059247-36-8 81
4		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 81
5		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 72



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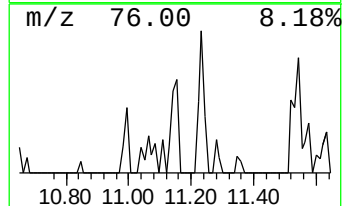
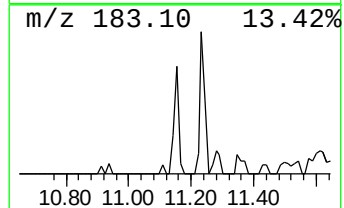
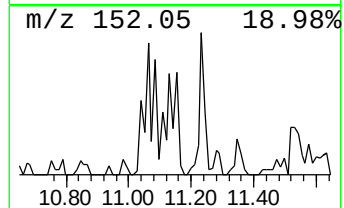
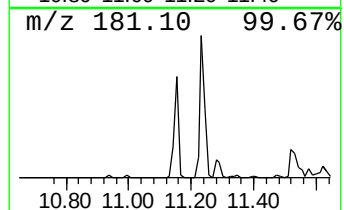
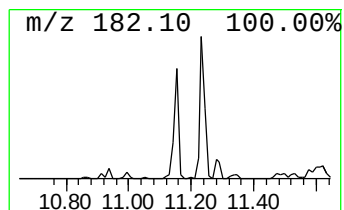
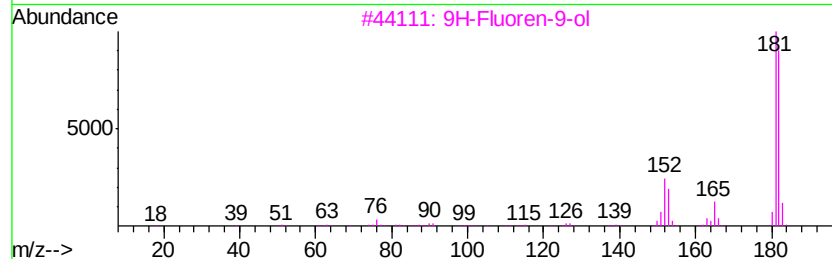
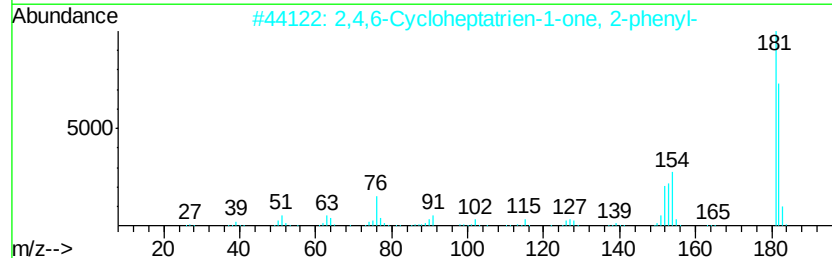
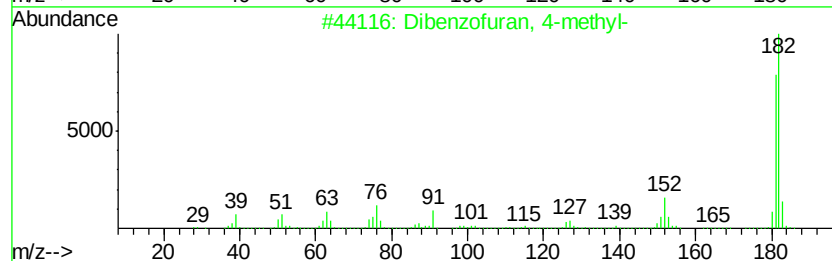
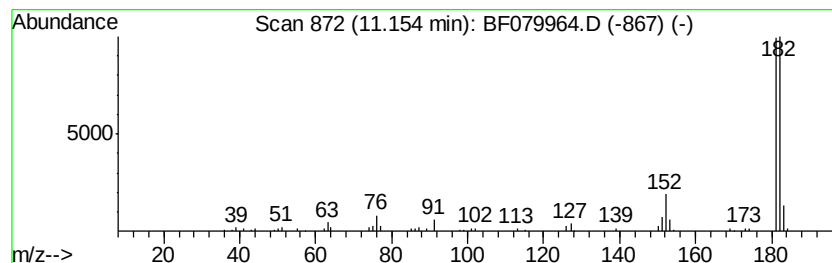
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ClientSampleId :
VALHALLA-W3-6.5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.15	10.53 ng	227751	Acenaphthene-d10	10.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
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Acq On : 13 Jun 2015 7:46
Operator : TP/IZ
Sample : G2599-03 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

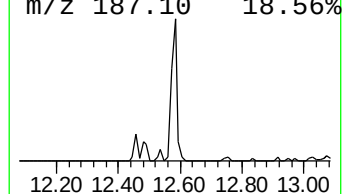
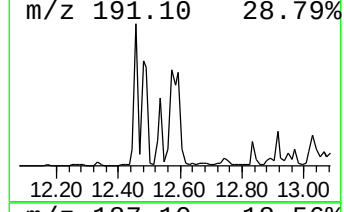
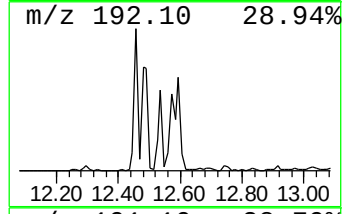
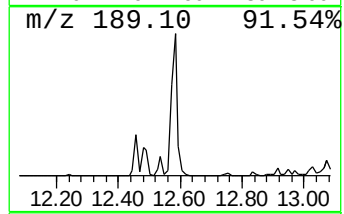
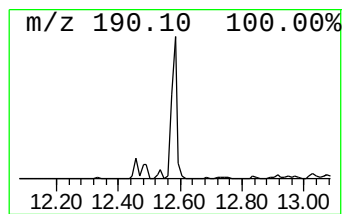
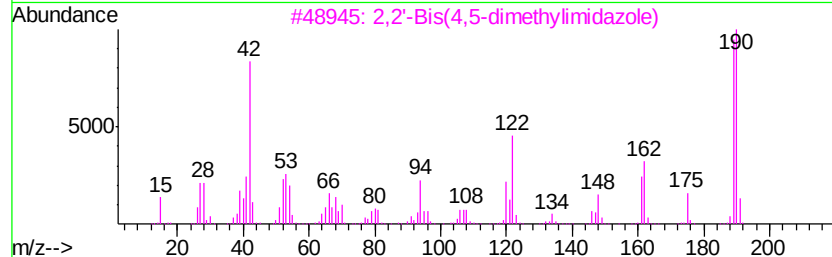
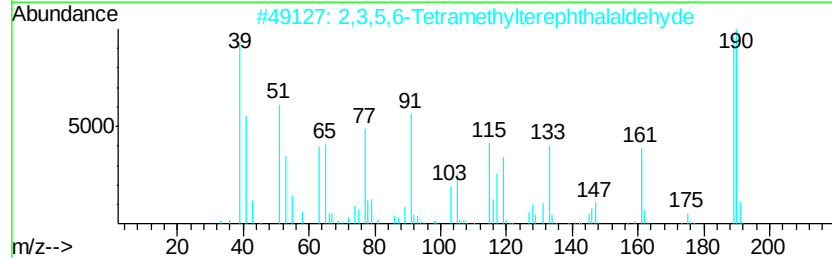
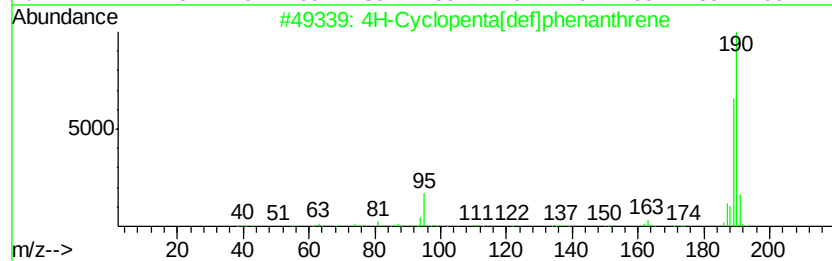
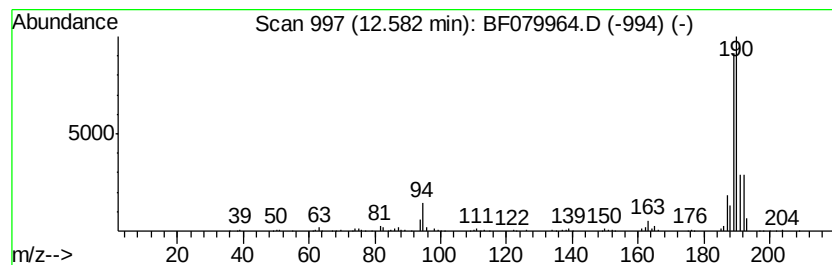
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VALHALLA-W3-6.5-7

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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 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.58	4.01 ng	1013430	Phenanthrene-d10	11.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079964.D
Acq On : 13 Jun 2015 7:46
Operator : TP/IZ
Sample : G2599-03 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

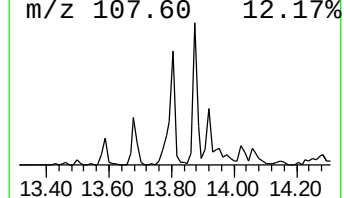
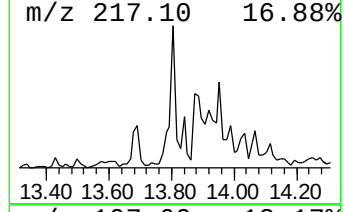
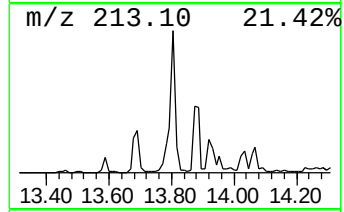
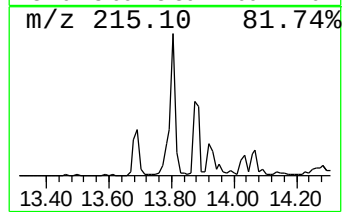
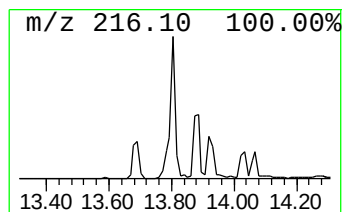
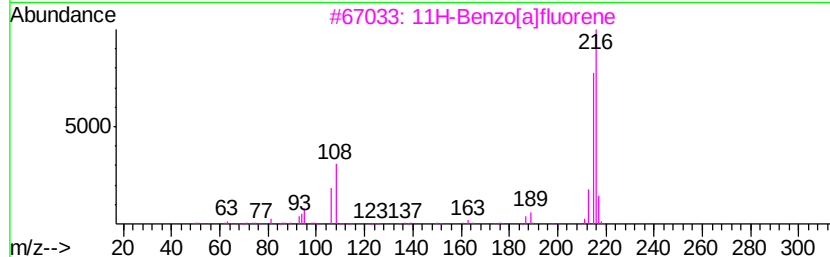
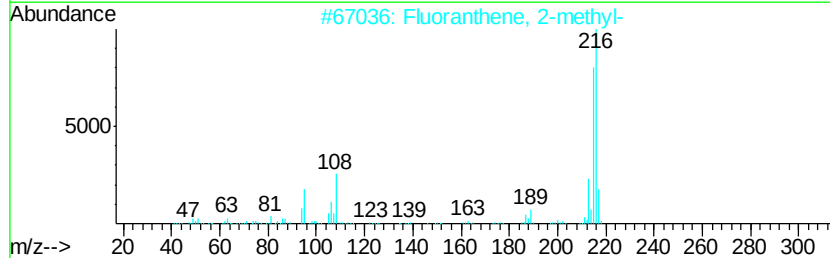
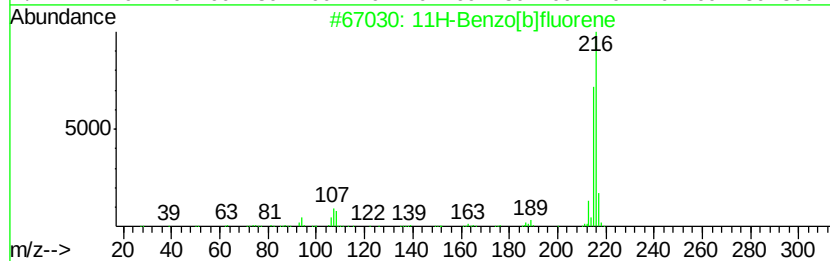
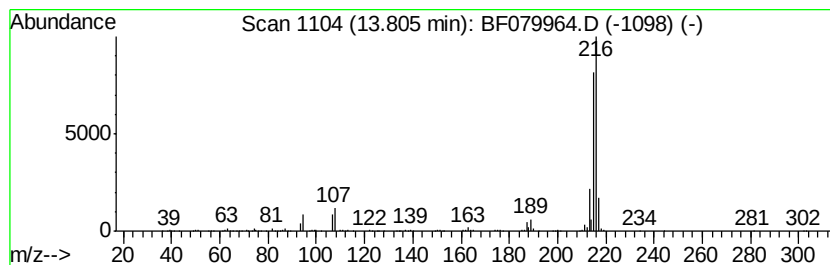
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.81	5.10 ng	889668	Chrysene-d12	14.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079964.D
Acq On : 13 Jun 2015 7:46
Operator : TP/IZ
Sample : G2599-03 2X
Misc :
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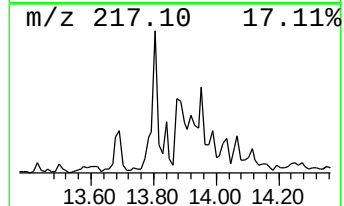
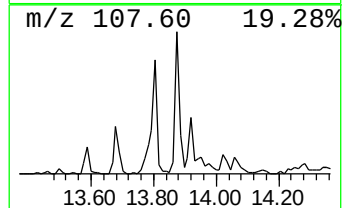
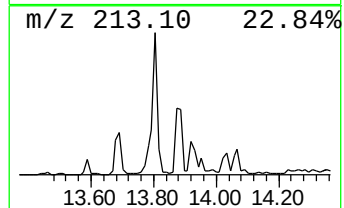
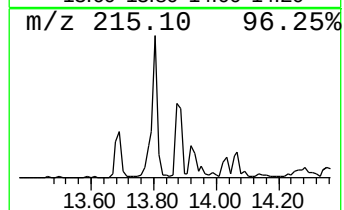
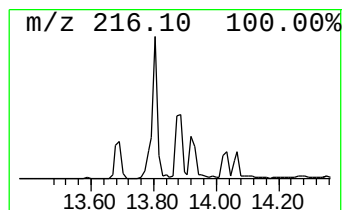
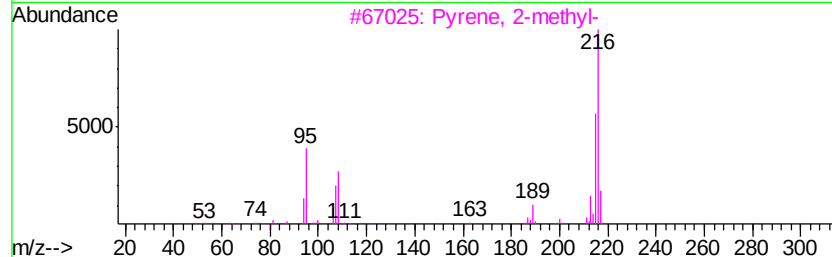
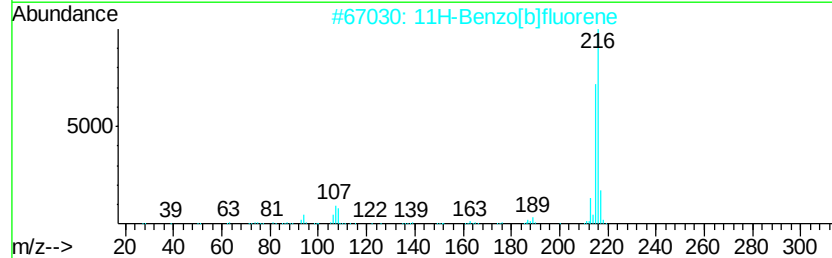
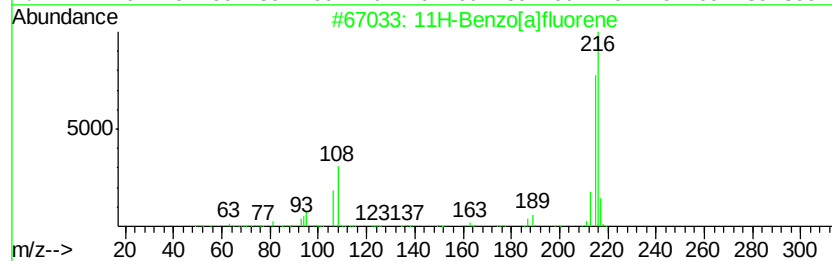
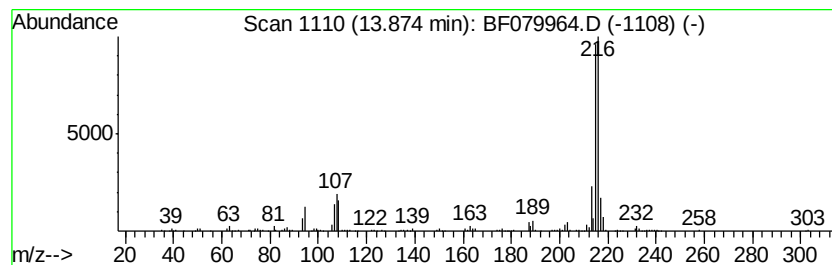
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.81 ng	490228	Chrysene-d12	14.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 87
3		Pyrene, 2-methyl-	216 C17H12	003442-78-2 68
4		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 64
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
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Acq On : 13 Jun 2015 7:46
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Sample : G2599-03 2X
Misc :
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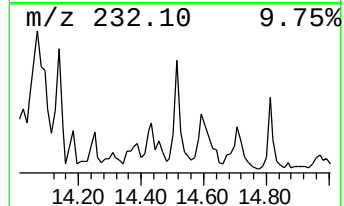
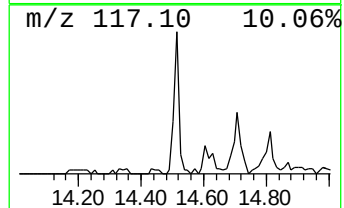
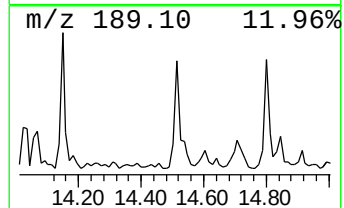
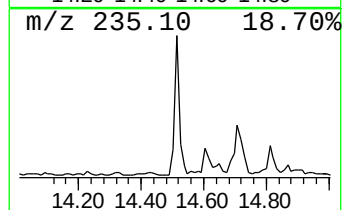
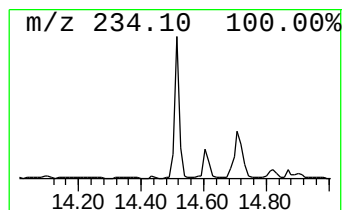
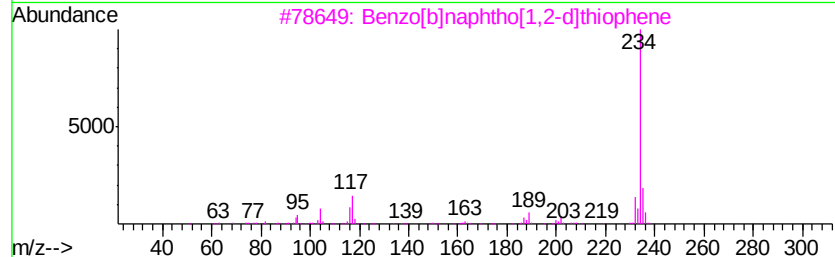
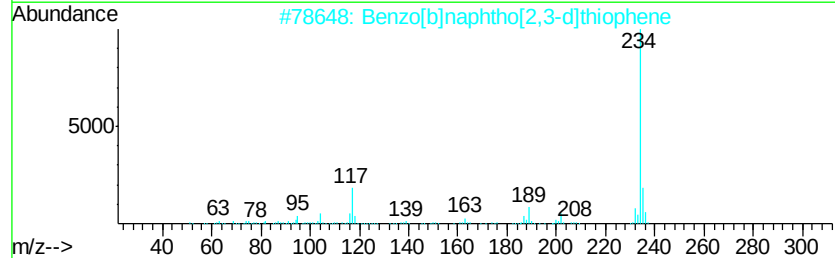
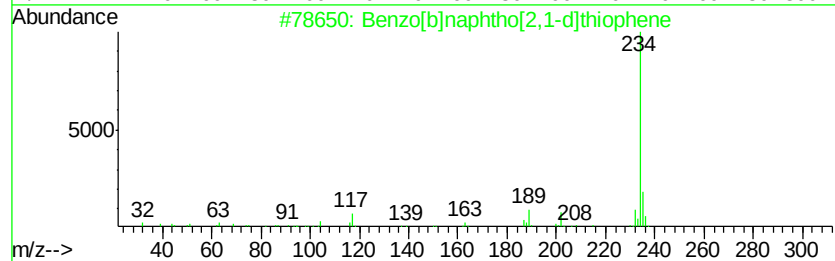
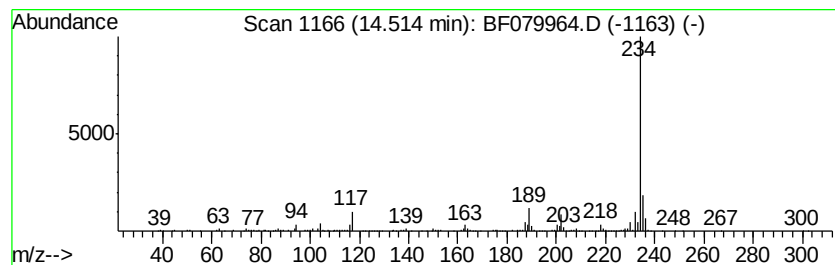
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.51	2.57 ng	447558	Chrysene-d12		14.81	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	74
4		2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	52
5		Bicyclo[3.1.0]hexane, 1,6-diphenyl-	234	C18H18	056143-23-8	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
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Acq On : 13 Jun 2015 7:46
Operator : TP/IZ
Sample : G2599-03 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

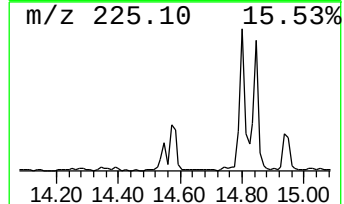
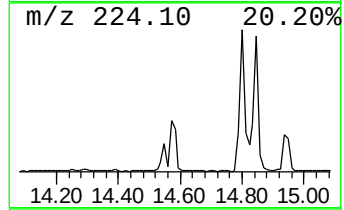
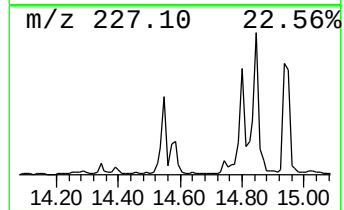
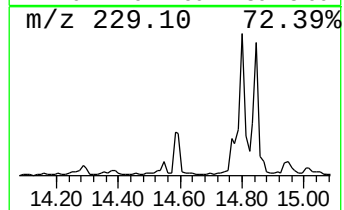
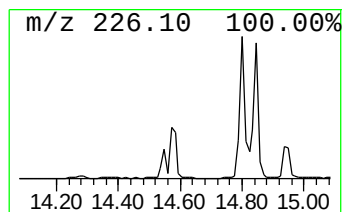
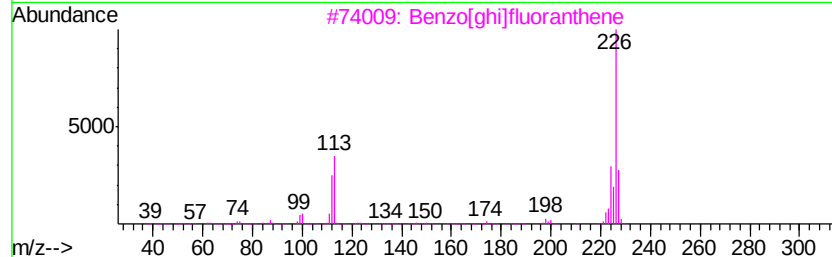
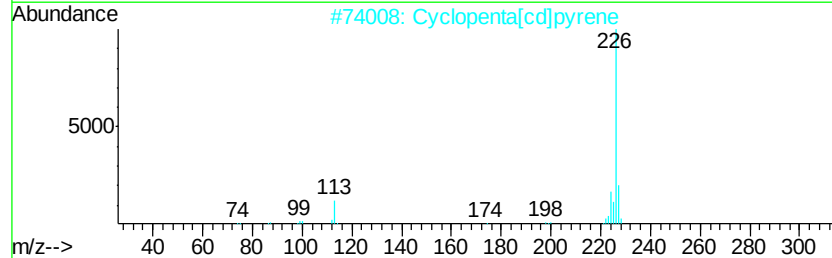
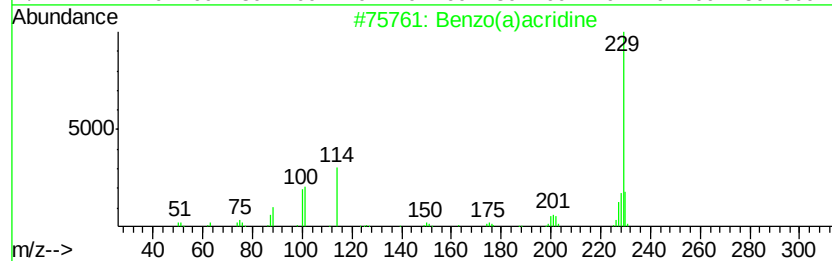
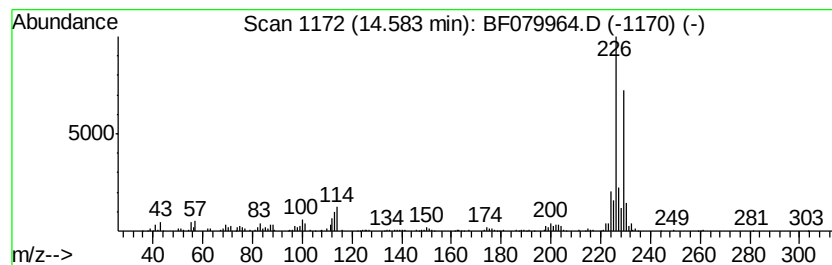
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo(a)acridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	3.31 ng	577371	Chrysene-d12	14.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo(a)acridine	229 C17H11N	000225-11-6 51
2		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 46
3		Benzo[ghi]fluoranthene	226 C18H10	000203-12-3 43
4		1,3-Diamino-5,6-dihydro-7-methyl...	226 C13H14N4	037436-37-6 38
5		9H-Thioxanthen-9-one, 2-methyl-	226 C14H10OS	015774-82-0 37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
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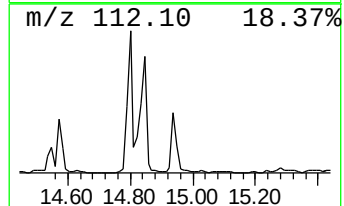
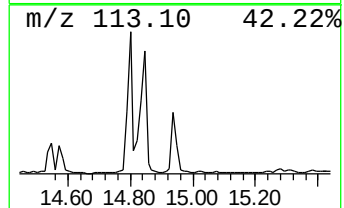
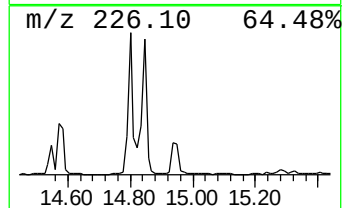
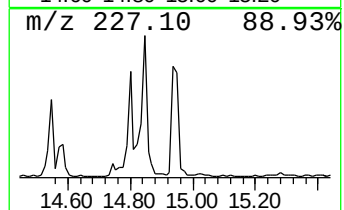
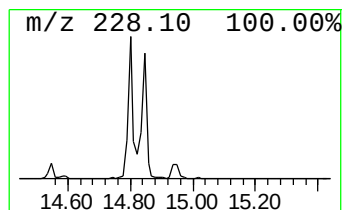
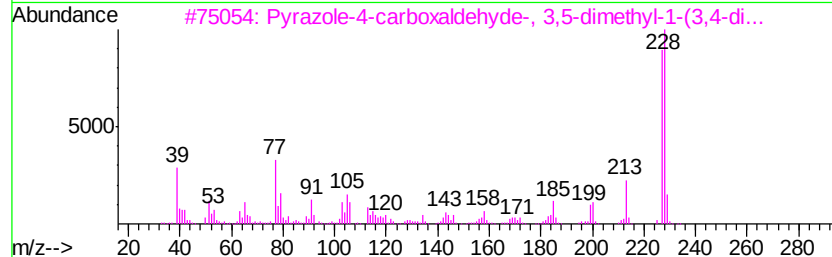
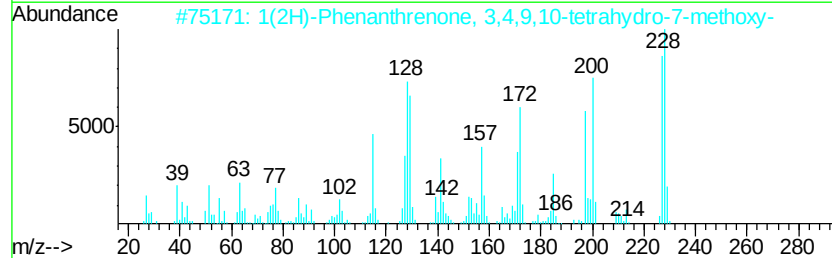
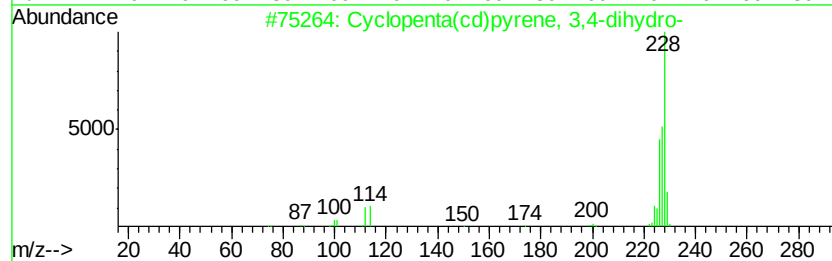
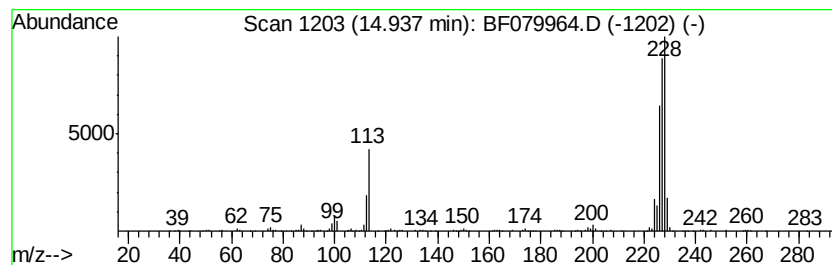
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.94	2.77 ng	482662	Chrysene-d12	14.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2		1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	47
3		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
4		Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	47
5		1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079964.D
Acq On : 13 Jun 2015 7:46
Operator : TP/IZ
Sample : G2599-03 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W3-6.5-7

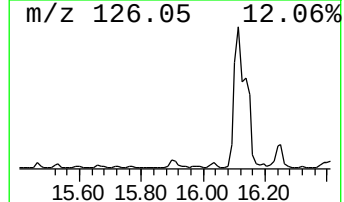
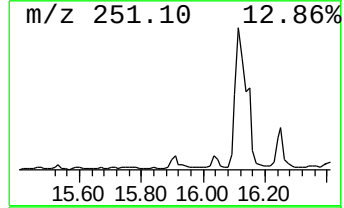
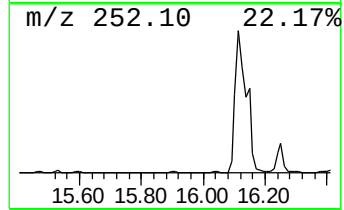
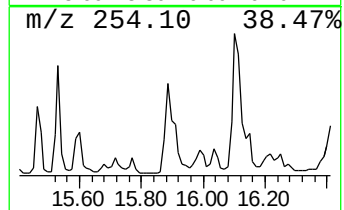
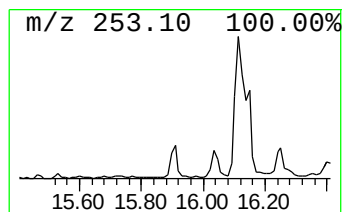
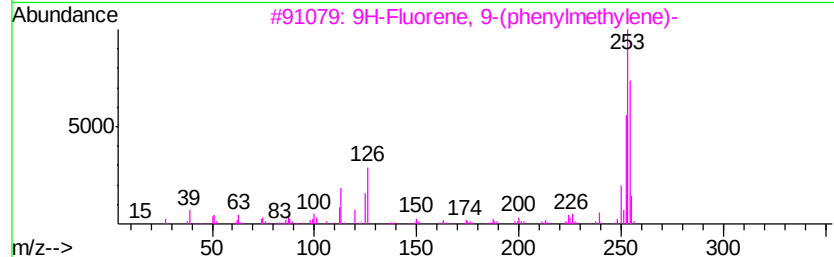
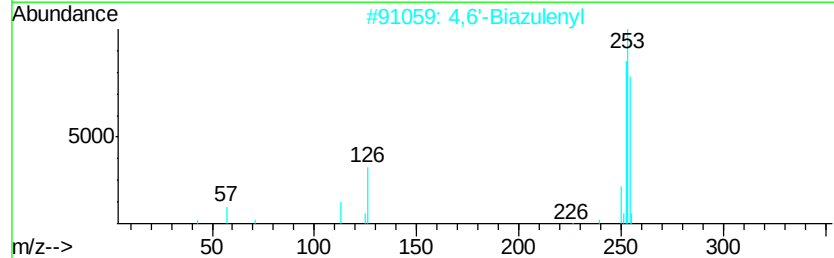
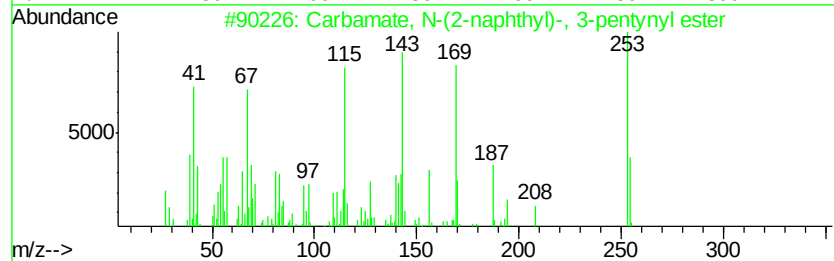
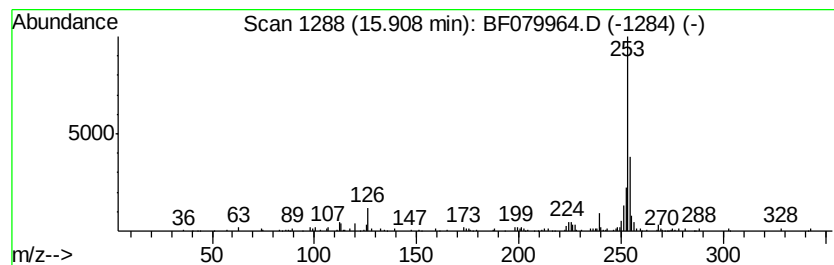
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Carbamate, N-(2-naphthyl)-, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	7.18 ng	224656	Perylene-d12	16.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15N02	1000197-96-0	58
2		4,6'-Biazulenyl	254	C20H14	094154-49-1	47
3		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	43
4		1,2'-Binaphthalene	254	C20H14	004325-74-0	43
5		7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079964.D
Acq On : 13 Jun 2015 7:46
Operator : TP/IZ
Sample : G2599-03 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W3-6.5-7

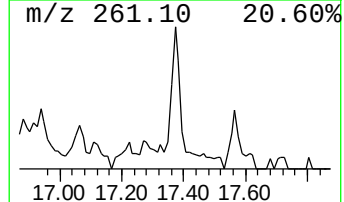
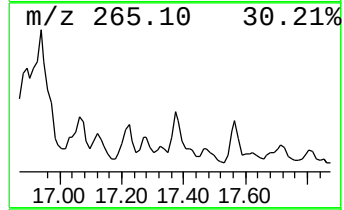
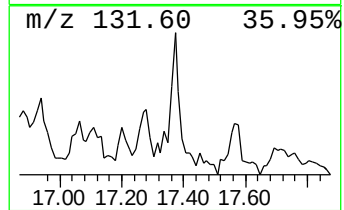
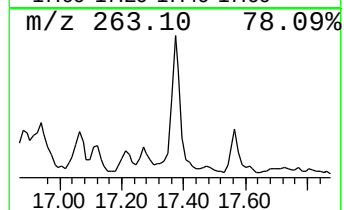
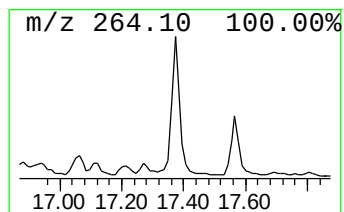
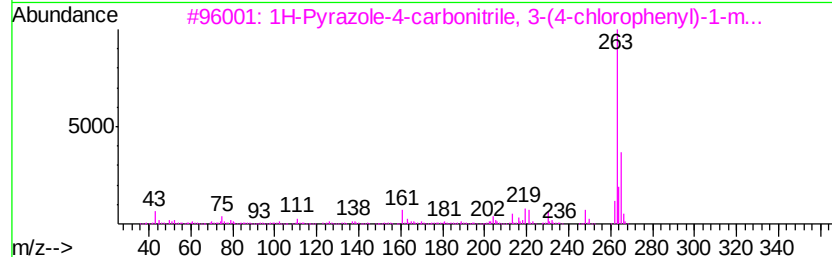
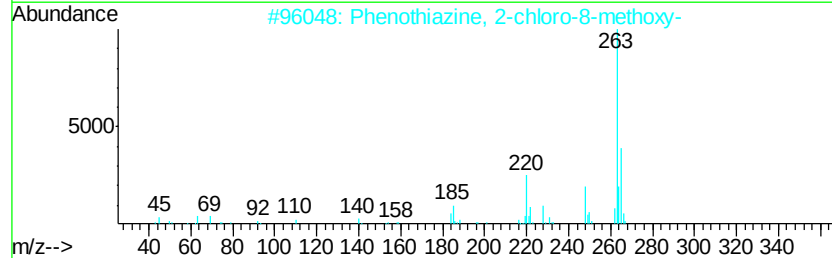
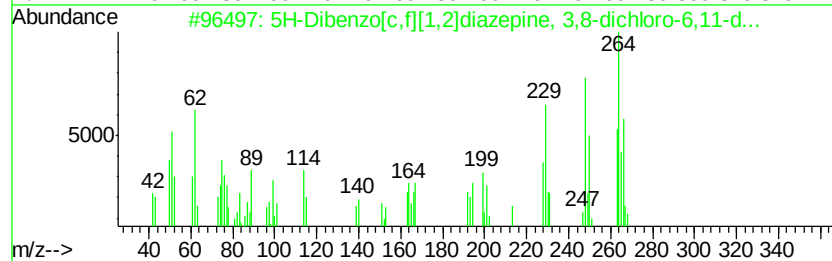
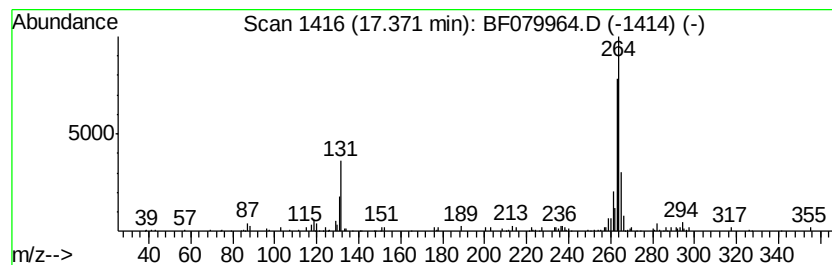
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown17.37 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	5.37 ng	167968	Perylene-d12	16.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	38
2		Phenothiazine, 2-chloro-8-methoxy-	263	C13H10ClNOS	017800-09-8	38
3		1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	38
4		Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	30
5		Perylene-D12	264	C20D12	001520-96-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079964.D
Acq On : 13 Jun 2015 7:46
Operator : TP/IZ
Sample : G2599-03 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W3-6.5-7

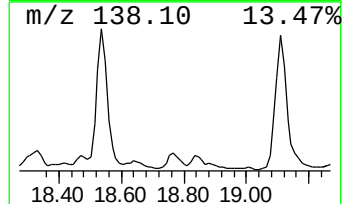
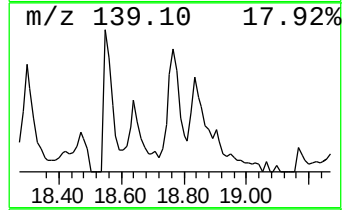
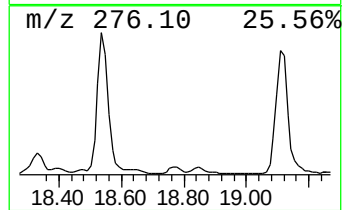
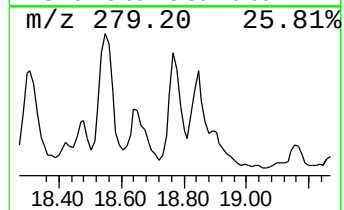
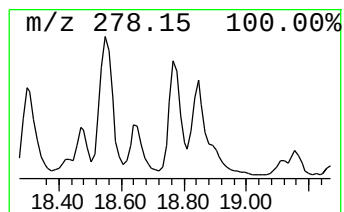
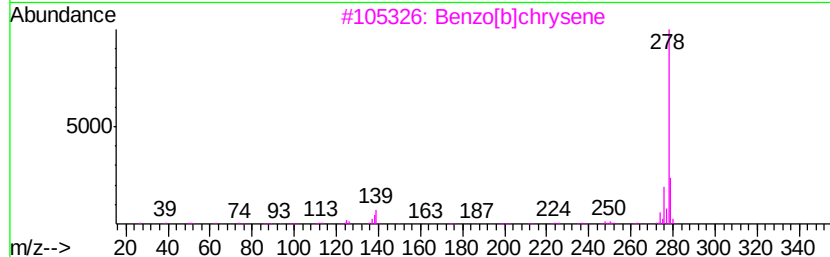
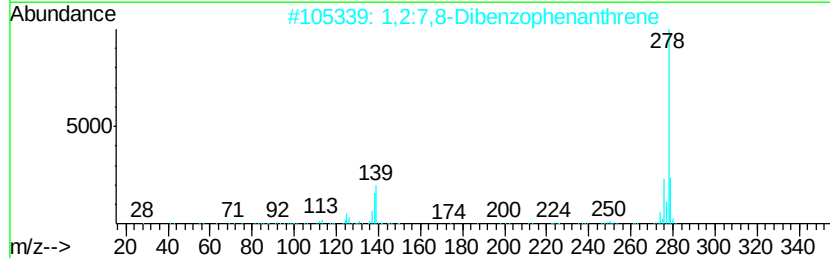
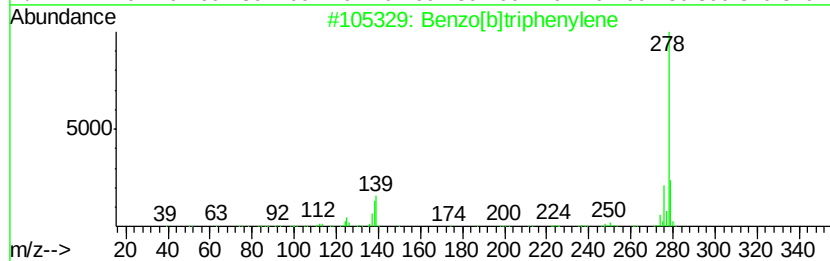
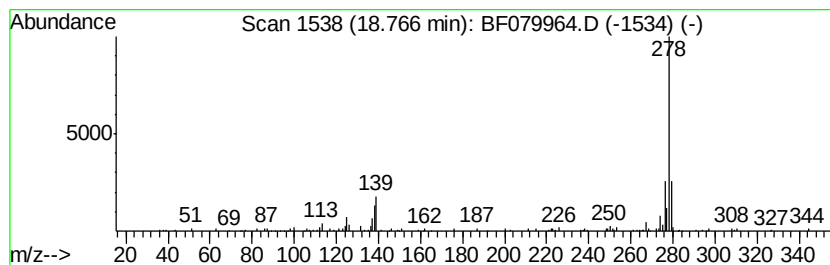
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	7.53 ng	235405	Perylene-d12	16.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	96
3		Benzo[b]chrysene	278	C22H14	000214-17-5	95
4		Pentaphene	278	C22H14	000222-93-5	93
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079964.D
Acq On : 13 Jun 2015 7:46
Operator : TP/IZ
Sample : G2599-03 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W3-6.5-7

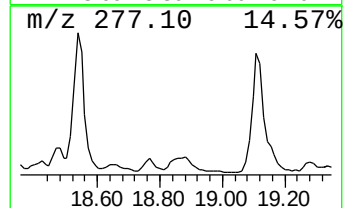
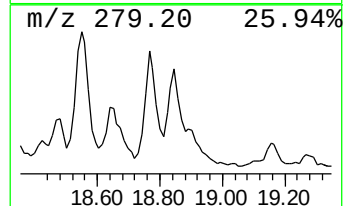
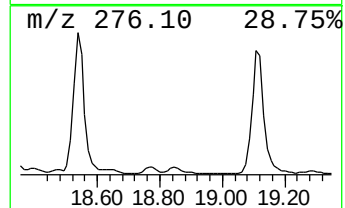
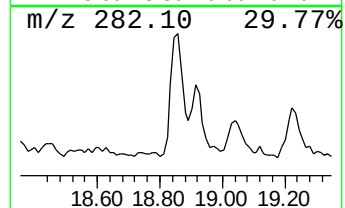
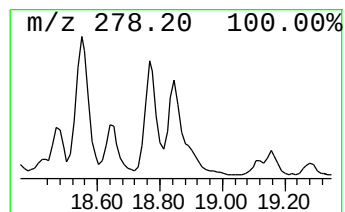
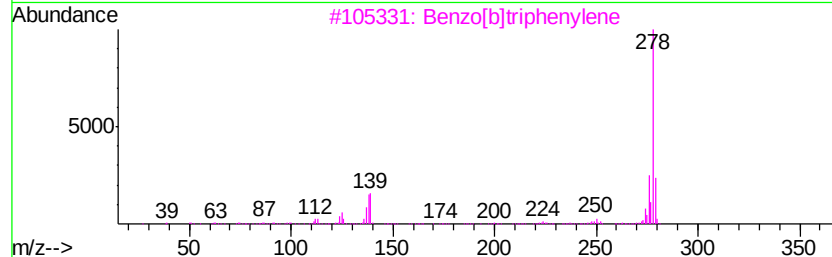
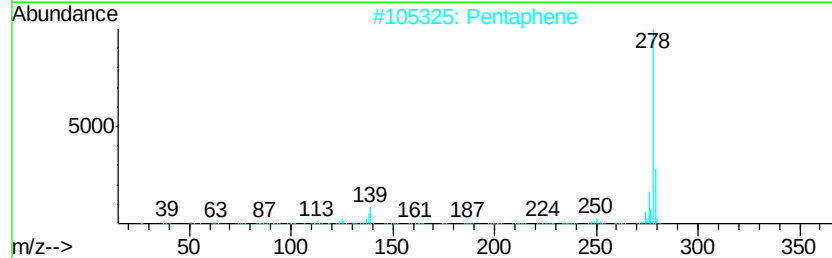
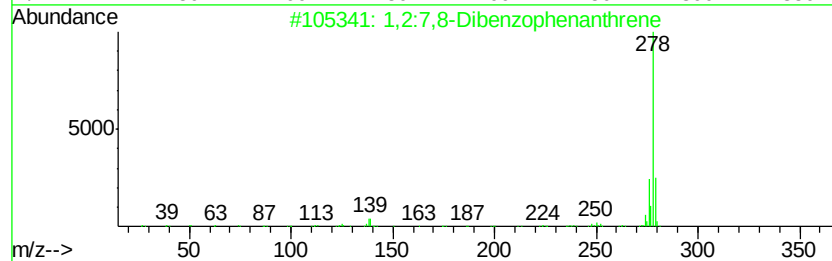
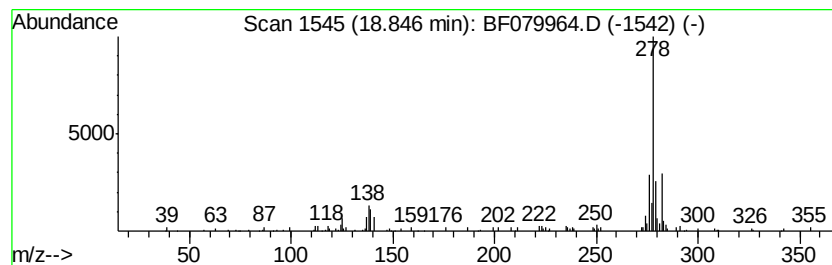
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2:7,8-Dibenzophenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	4.73 ng	147913	Perylene-d12	16.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	93
2		Pentaphene	278	C22H14	000222-93-5	93
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	92
4		Pentacene	278	C22H14	000135-48-8	83
5		Benzo[b]chrysene	278	C22H14	000214-17-5	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079964.D
 Acq On : 13 Jun 2015 7:46
 Operator : TP/IZ
 Sample : G2599-03 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W3-6.5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2,2-dime...	2.24	173.0	ng	2162410	1	7.38	249965	20.0
unknown7.14	7.14	44.3	ng	553852	1	7.38	249965	20.0
Diphenylmethane	11.09	10.9	ng	236250	3	10.45	432545	20.0
Dibenzofuran, 4-m...	11.15	10.5	ng	227751	3	10.45	432545	20.0
4H-Cyclopenta[def...	12.58	4.0	ng	1013430	4	11.94	5057530	20.0
11H-Benzo[b]fluorene	13.81	5.1	ng	889668	5	14.81	3485820	20.0
11H-Benzo[a]fluorene	13.87	2.8	ng	490228	5	14.81	3485820	20.0
Benzo[b]naphtho[2...	14.51	2.6	ng	447558	5	14.81	3485820	20.0
Benzo(a)acridine	14.58	3.3	ng	577371	5	14.81	3485820	20.0
Cyclopenta(cd)pyr...	14.94	2.8	ng	482662	5	14.81	3485820	20.0
Carbamate, N-(2-n...	15.91	7.2	ng	224656	6	16.65	625376	20.0
unknown17.37	17.37	5.4	ng	167968	6	16.65	625376	20.0
Benzo[b]triphenylene	18.77	7.5	ng	235405	6	16.65	625376	20.0
1,2:7,8-Dibenzoph...	18.85	4.7	ng	147913	6	16.65	625376	20.0