

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
 Data File : BF082572.D
 Acq On : 28 Oct 2015 4:06
 Operator : UM/IZ
 Sample : G4178-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5-BOILERROOM2.5FTDEEP

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-BF102615.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	4.869	236	239	253	rVB	697494	1221918	4.34%	0.322%
2	5.314	276	278	294	rBV	2133704	2322449	8.25%	0.612%
3	6.377	368	371	378	rBV	2063698	2468466	8.77%	0.651%
4	6.480	378	380	383	rVV	2009559	2281868	8.11%	0.601%
5	6.869	411	414	416	rBV	1726589	2046769	7.27%	0.539%
6	7.292	448	451	453	rBV	1336662	1592537	5.66%	0.420%
7	8.046	510	517	519	rBV	5815431	12044527	42.80%	3.175%
8	8.720	573	576	578	rVV	3603513	3704839	13.16%	0.977%
9	8.812	582	584	587	rVB	1934167	2021756	7.18%	0.533%
10	9.075	605	607	610	rVB	2265078	2561840	9.10%	0.675%
11	9.178	614	616	619	rVV	1520564	1322721	4.70%	0.349%
12	9.338	628	630	633	rBV	840720	1194412	4.24%	0.315%
13	9.418	634	637	638	rBV	962166	1386900	4.93%	0.366%
14	9.440	638	639	641	rVB	920301	701279	2.49%	0.185%
15	9.532	644	647	650	rVB2	548535	768179	2.73%	0.202%
16	9.612	652	654	657	rVB	1263438	1211190	4.30%	0.319%
17	9.749	662	666	667	rBV2	832511	1222280	4.34%	0.322%
18	9.795	667	670	672	rVV	4524814	5882994	20.90%	1.551%
19	9.841	672	674	678	rVB2	293524	636224	2.26%	0.168%
20	9.966	682	685	692	rVB	3609585	5647072	20.06%	1.488%
21	10.161	700	702	705	rVB2	385464	644433	2.29%	0.170%
22	10.309	712	715	717	rVV	3716098	5120609	18.19%	1.350%
23	10.366	717	720	721	rVV	664468	980326	3.48%	0.258%
24	10.389	721	722	723	rVV	894386	696750	2.48%	0.184%
25	10.435	723	726	727	rVV2	632162	963954	3.43%	0.254%
26	10.458	727	728	732	rVB	1542690	1301212	4.62%	0.343%
27	10.549	732	736	738	rBV2	2138067	3220105	11.44%	0.849%
28	10.846	758	762	764	rBV2	854481	1481286	5.26%	0.390%
29	10.995	771	775	778	rBV4	404943	1173100	4.17%	0.309%
30	11.086	778	783	786	rVV2	2322421	4127435	14.67%	1.088%
31	11.144	786	788	794	rVB	2319654	2902549	10.31%	0.765%
32	11.326	794	804	805	rBV	7387661	28144278	100.00%	7.418%
33	11.361	805	807	811	rVB2	5541867	8546606	30.37%	2.253%
34	11.509	815	820	822	rBV2	4377022	8047752	28.59%	2.121%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.658	829	833	836	rVB2	394707	717767	2.55%	0.189%
36	11.749	836	841	843	rBV	2351654	3760740	13.36%	0.991%
37	11.784	843	844	846	rVB2	3150099	3182390	11.31%	0.839%
38	11.829	846	848	850	rBV	1084096	1378424	4.90%	0.363%
39	11.875	850	852	856	rVB2	3506172	5981742	21.25%	1.577%
40	11.966	858	860	862	rVB2	417238	590485	2.10%	0.156%
41	12.046	862	867	869	rVB	2215019	2647777	9.41%	0.698%
42	12.104	869	872	875	rVB2	1078619	2162091	7.68%	0.570%
43	12.218	881	882	887	rVB	433954	855066	3.04%	0.225%
44	12.298	887	889	891	rBV	626073	1222507	4.34%	0.322%
45	12.527	900	909	910	rBV2	7181421	27127513	96.39%	7.150%
46	12.629	916	918	919	rBV	918679	1265254	4.50%	0.333%
47	12.732	922	927	932	rVB2	6997020	25764809	91.55%	6.791%
48	12.824	933	935	938	rBV2	1775606	3829319	13.61%	1.009%
49	12.869	938	939	941	rVB	1849030	1820639	6.47%	0.480%
50	12.927	941	944	945	rBV2	1657513	2896525	10.29%	0.763%
51	12.961	945	947	949	rVB	1624653	1780521	6.33%	0.469%
52	13.029	949	953	955	rBV2	2141752	4345989	15.44%	1.146%
53	13.098	957	959	960	rBV	925174	1133246	4.03%	0.299%
54	13.132	960	962	965	rBV2	2070015	3533948	12.56%	0.931%
55	13.178	965	966	968	rVB2	461617	584962	2.08%	0.154%
56	13.224	968	970	971	rBV	1169263	1165644	4.14%	0.307%
57	13.258	971	973	977	rVB	988766	1571692	5.58%	0.414%
58	13.395	982	985	988	rBV4	313269	785320	2.79%	0.207%
59	13.555	996	999	1002	rBV	1898936	3785301	13.45%	0.998%
60	13.669	1004	1009	1011	rBV2	2624503	6308060	22.41%	1.663%
61	13.704	1011	1012	1015	rVB3	1902167	3167927	11.26%	0.835%
62	13.795	1015	1020	1026	rVB2	1691065	3932205	13.97%	1.036%
63	13.932	1026	1032	1033	rBV	5150820	17986260	63.91%	4.741%
64	14.035	1039	1041	1042	rBV	1568206	1849709	6.57%	0.488%
65	14.070	1042	1044	1046	rBV2	658107	1043074	3.71%	0.275%
66	14.115	1046	1048	1049	rVV	1266381	1600901	5.69%	0.422%
67	14.150	1049	1051	1053	rVB	1831276	2018902	7.17%	0.532%
68	14.252	1059	1060	1061	rBV	598997	587052	2.09%	0.155%
69	14.298	1061	1064	1066	rVV	2337802	4042401	14.36%	1.065%
70	14.332	1066	1067	1068	rVV	1153743	869471	3.09%	0.229%
71	14.378	1068	1071	1074	rVV5	756432	1934638	6.87%	0.510%

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72	14.424	1074	1075	1078	rVV2	1116973	1932475	6.87%	0.509%
73	14.481	1078	1080	1084	rVB4	606877	1176047	4.18%	0.310%
74	14.630	1089	1093	1098	rBV4	761701	2767791	9.83%	0.730%
75	14.995	1115	1125	1129	rBV3	5484752	26885753	95.53%	7.087%
76	15.064	1129	1131	1133	rVV	1996581	2358179	8.38%	0.622%
77	15.132	1134	1137	1139	rVV2	668245	1618856	5.75%	0.427%
78	15.258	1143	1148	1151	rVV	2750146	11524478	40.95%	3.038%
79	15.338	1151	1155	1157	rVV2	4333204	11816089	41.98%	3.114%
80	15.407	1157	1161	1164	rVV3	2819157	6575376	23.36%	1.733%
81	15.555	1172	1174	1178	rVB2	389505	720299	2.56%	0.190%
82	15.750	1188	1191	1193	rBV2	261074	600788	2.13%	0.158%
83	15.864	1199	1201	1205	rVB2	382470	630768	2.24%	0.166%
84	16.001	1210	1213	1219	rVB3	244962	653386	2.32%	0.172%
85	16.161	1220	1227	1230	rBV5	335104	1091776	3.88%	0.288%
86	16.264	1231	1236	1237	rBV2	260700	659300	2.34%	0.174%
87	16.355	1241	1244	1247	rBV	274768	704178	2.50%	0.186%
88	16.527	1255	1259	1261	rBV2	466757	1181044	4.20%	0.311%
89	16.790	1271	1282	1287	rVB2	2112401	11873529	42.19%	3.130%
90	16.893	1287	1291	1293	rBV2	909812	1978477	7.03%	0.521%
91	16.950	1293	1296	1300	rVB2	584026	1383938	4.92%	0.365%
92	17.213	1309	1319	1322	rBV	1843234	7688265	27.32%	2.026%
93	17.396	1330	1335	1340	rVB2	605238	1776348	6.31%	0.468%
94	18.253	1402	1410	1415	rBV7	94238	589375	2.09%	0.155%
95	19.247	1487	1497	1506	rBV2	611772	3507167	12.46%	0.924%
96	19.441	1506	1514	1519	rBV	437954	2246290	7.98%	0.592%
97	19.739	1535	1540	1545	rBV3	175553	650447	2.31%	0.171%
98	20.024	1560	1565	1579	rVB2	124814	683642	2.43%	0.180%
99	20.424	1580	1600	1609	rBV3	359623	4409737	15.67%	1.162%
100	20.584	1610	1614	1621	rVB2	244523	887803	3.15%	0.234%

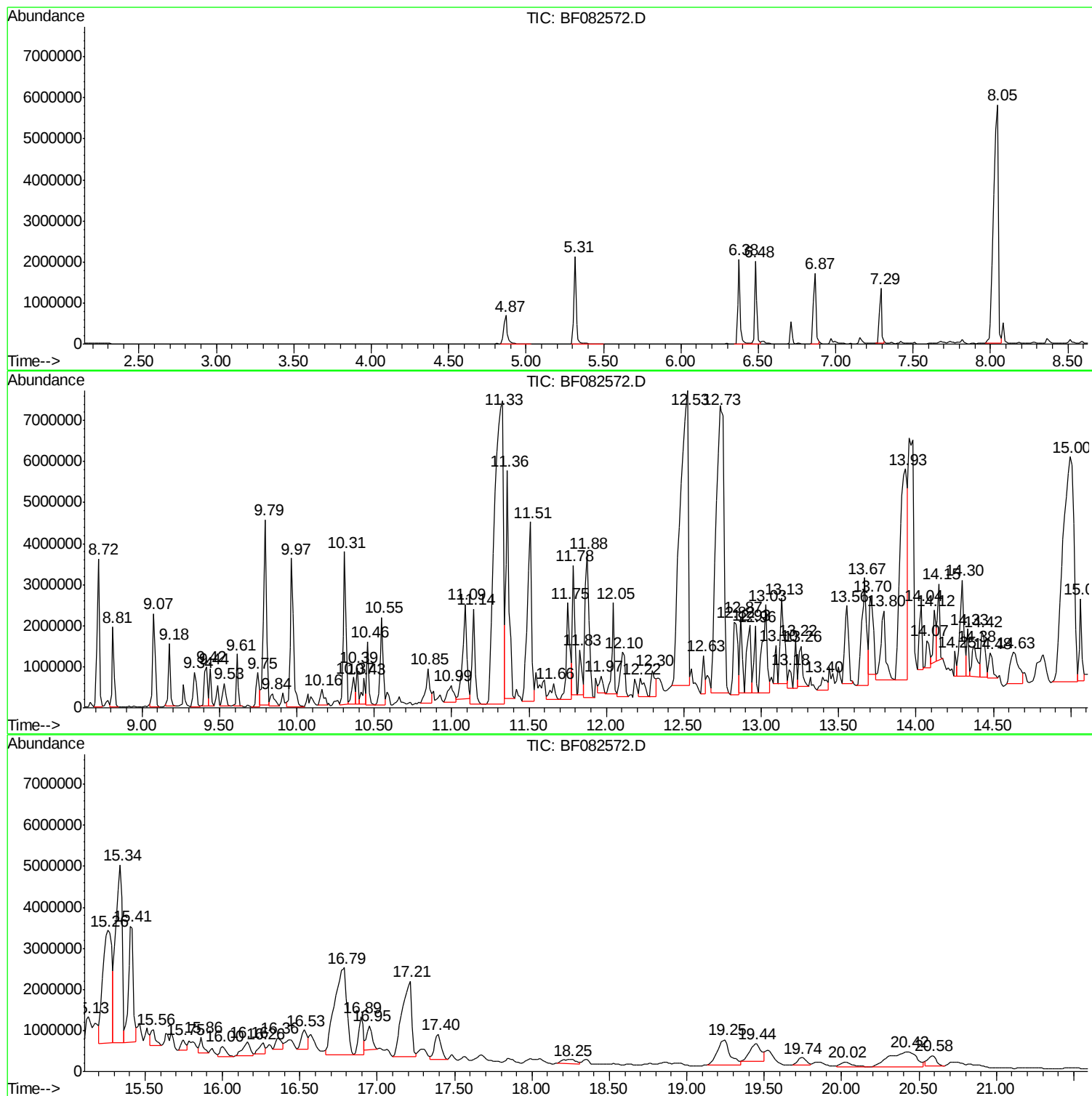
Sum of corrected areas: 379392487

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Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.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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S5-BOILERROOM2.5FTDEEP

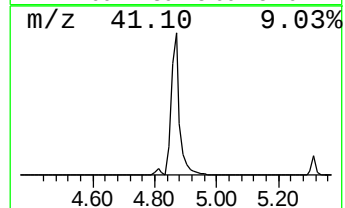
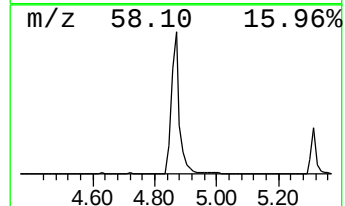
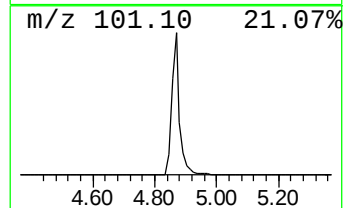
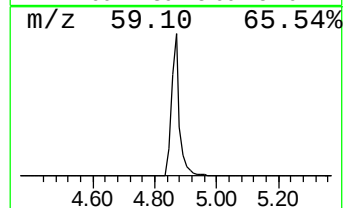
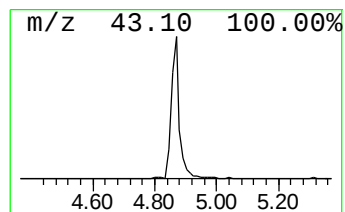
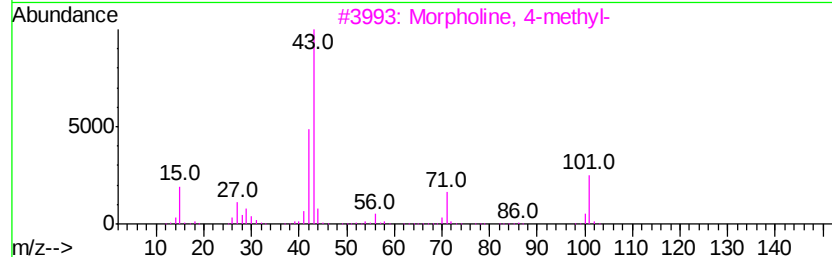
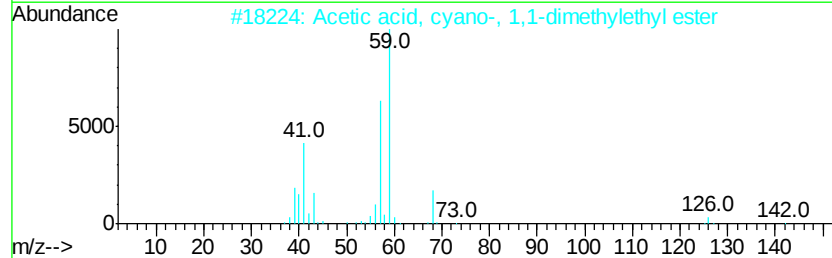
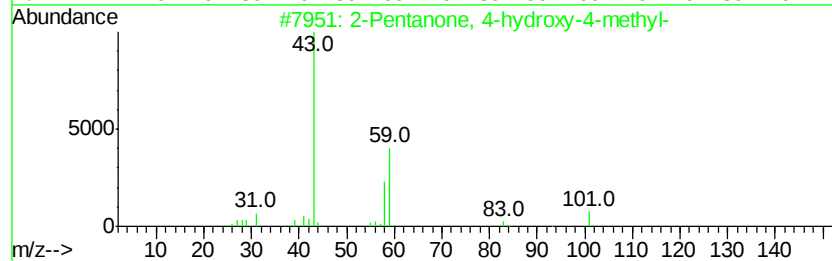
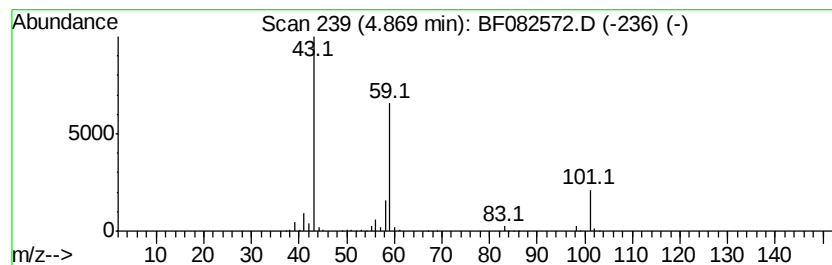
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	11.94 ng	1221920	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		Guanidine	59	CH5N3	000113-00-8	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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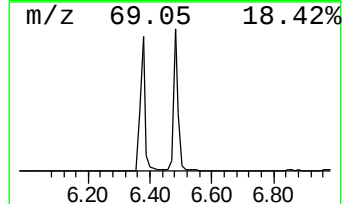
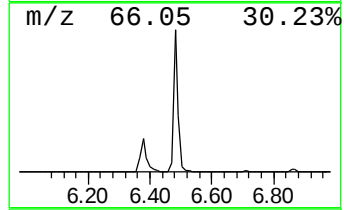
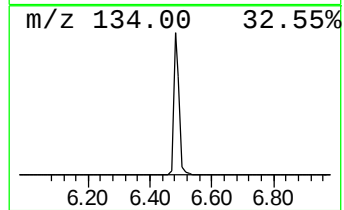
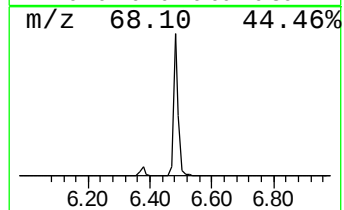
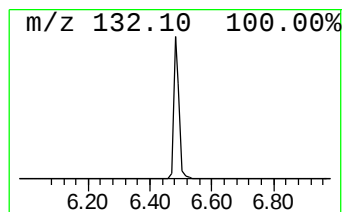
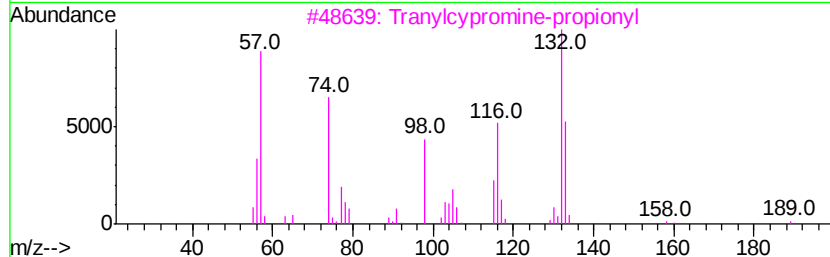
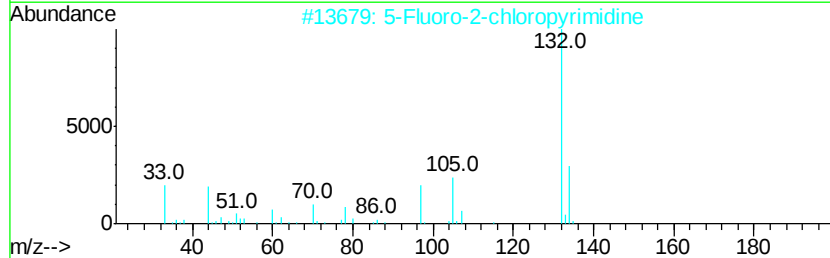
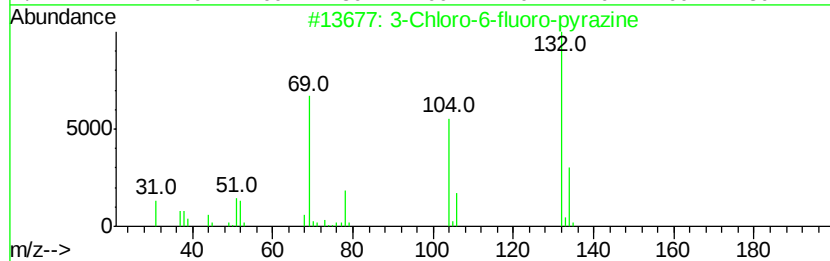
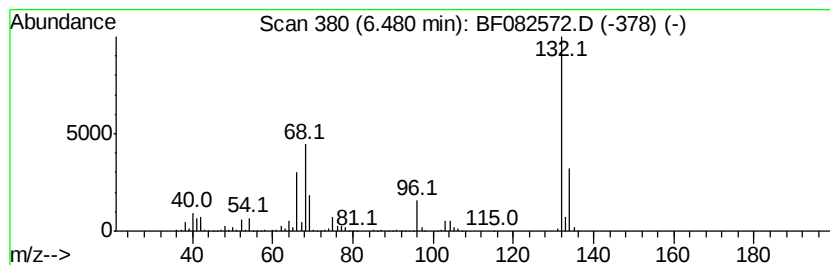
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	22.30 ng	2281870	1,4-Dichlorobenzene-d4	6.71

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	12
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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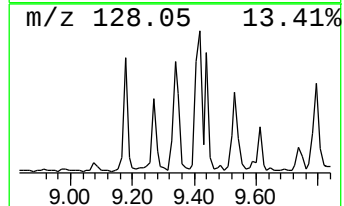
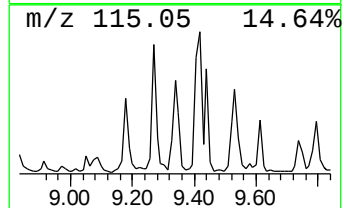
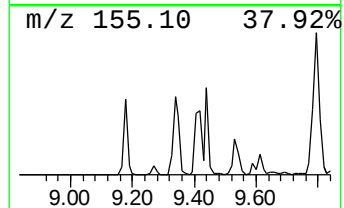
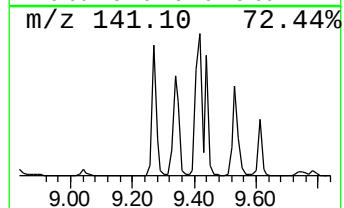
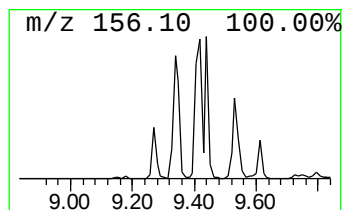
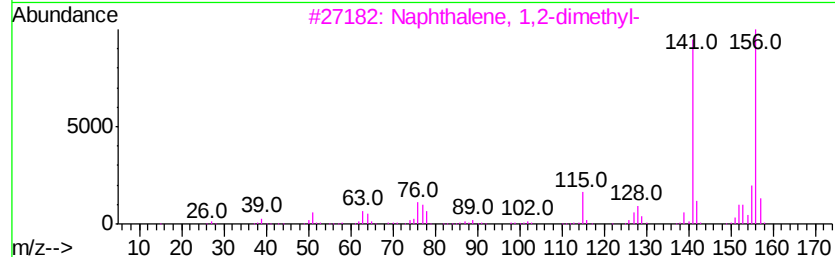
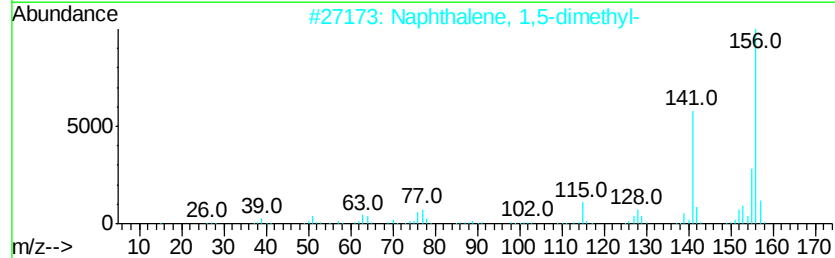
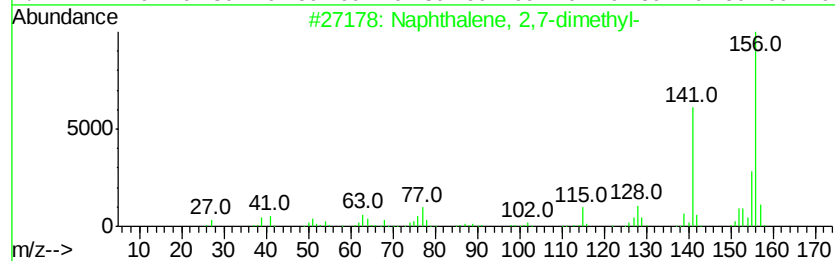
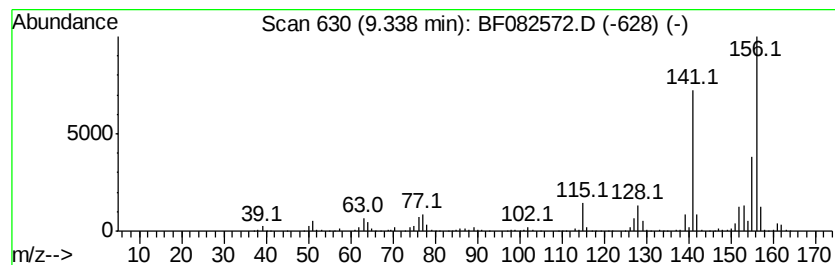
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	19.54 ng	1194410	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082572.D
Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
Sample : G4178-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

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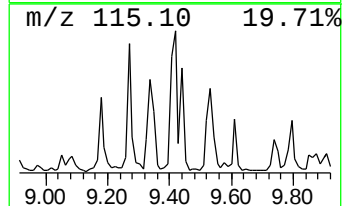
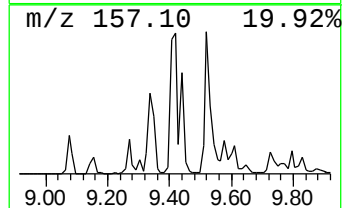
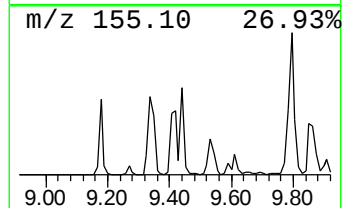
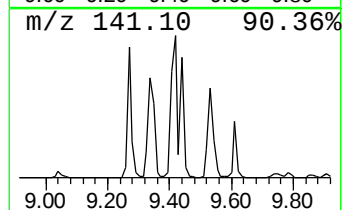
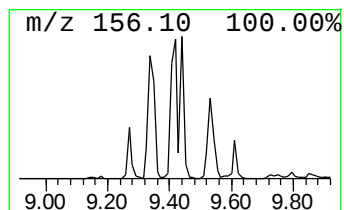
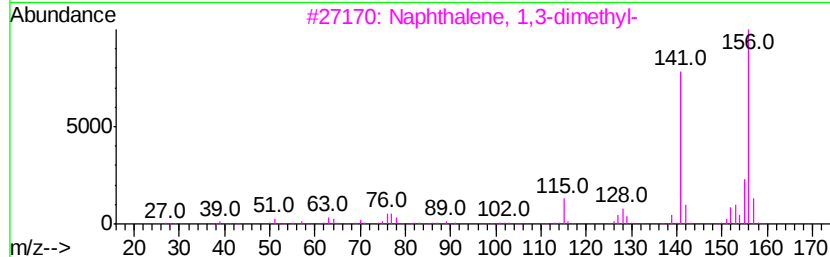
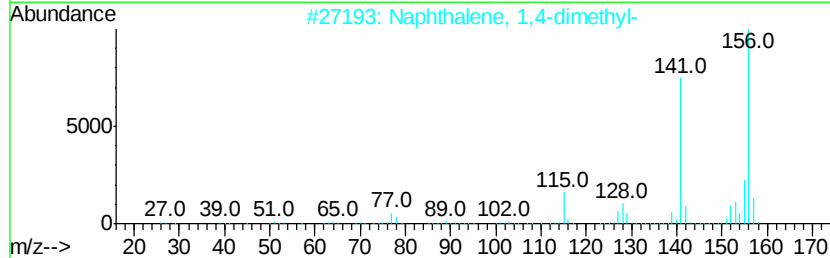
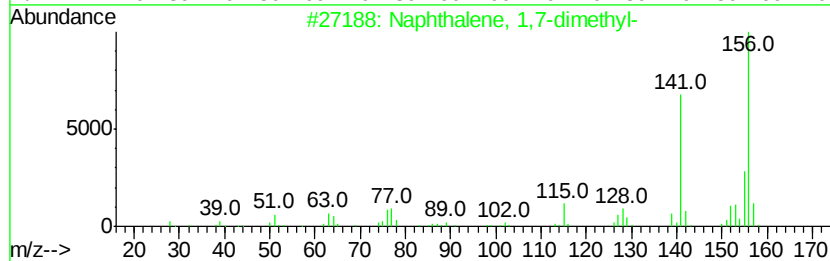
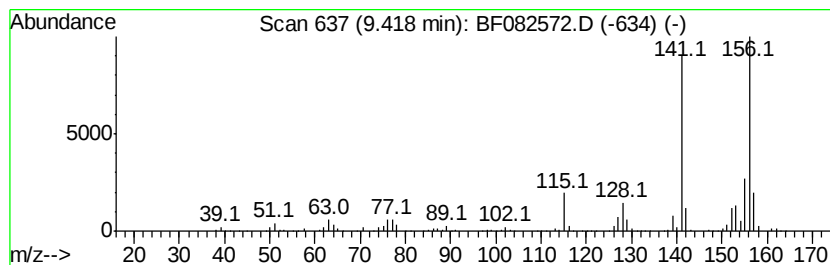
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	22.69 ng	1386900	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082572.D
Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
Sample : G4178-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

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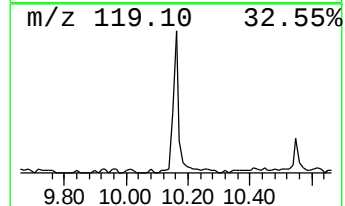
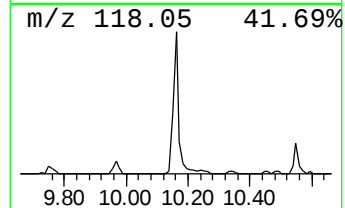
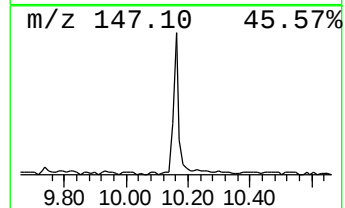
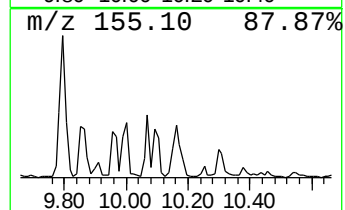
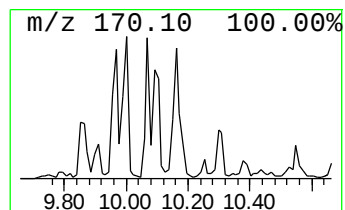
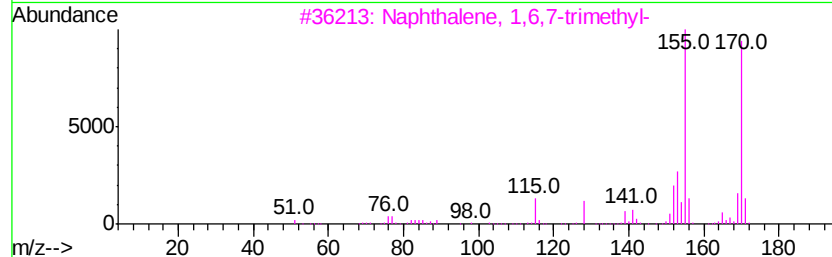
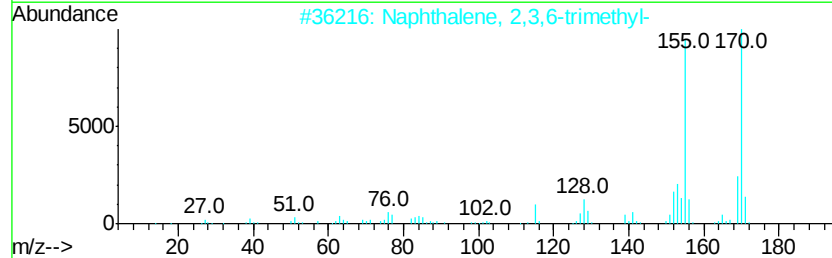
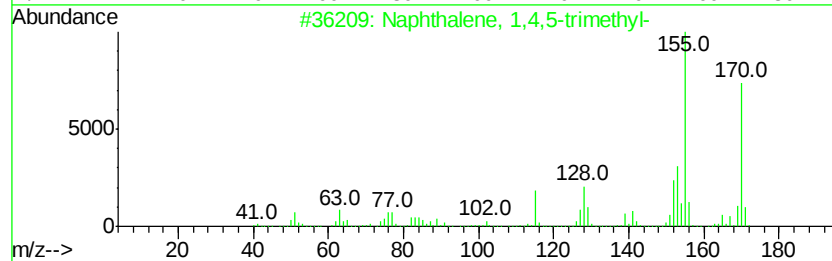
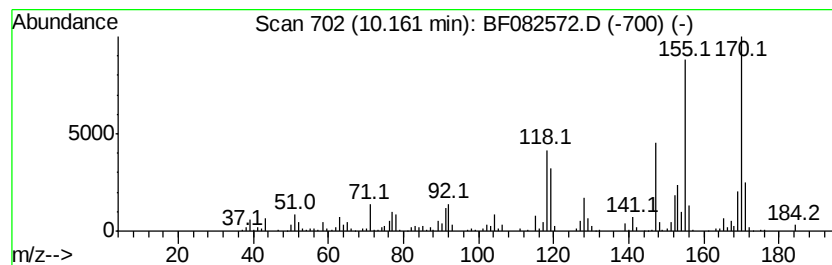
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,4,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	10.54 ng	644433	Acenaphthene-d10	9.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082572.D
Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
Sample : G4178-05
Misc :
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Instrument :
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ClientSampleId :
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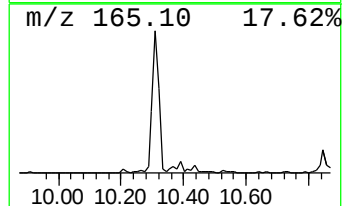
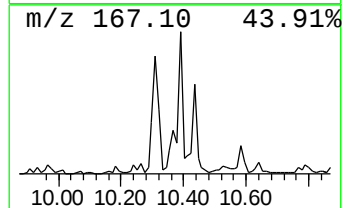
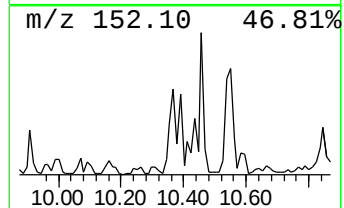
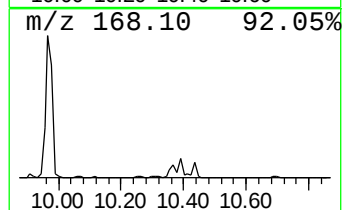
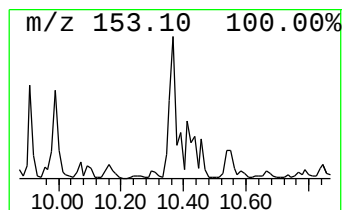
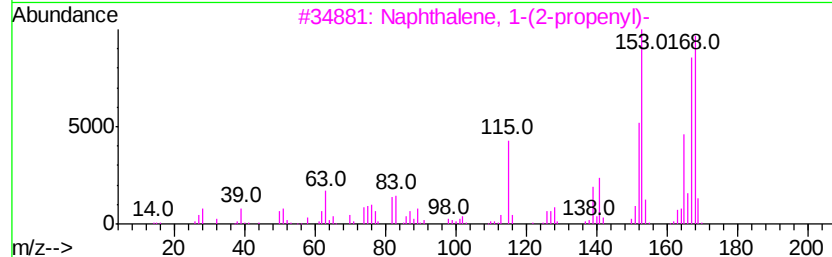
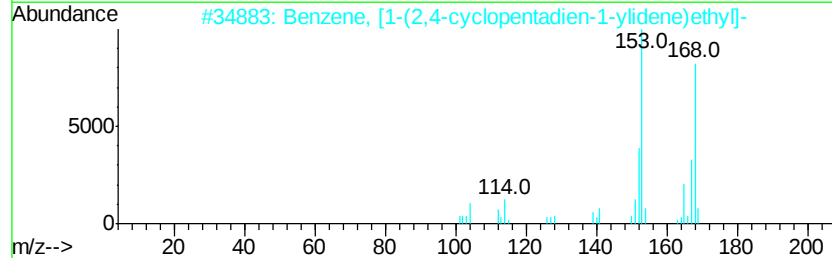
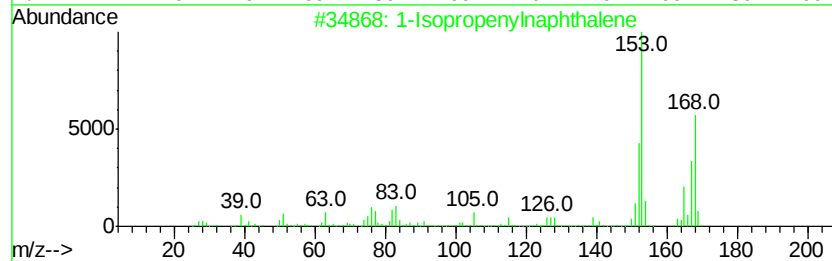
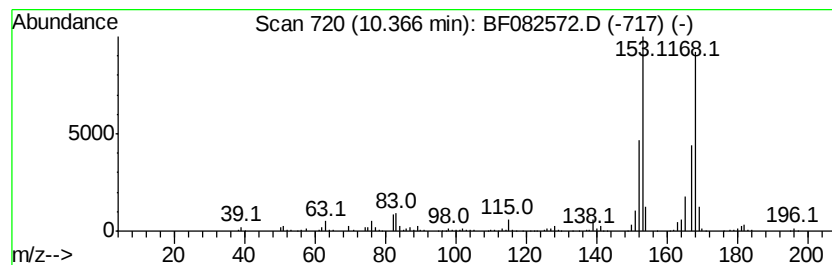
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Isopropenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	16.04 ng	980326	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	91
3		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
4		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	64
5		Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
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Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
Sample : G4178-05
Misc :
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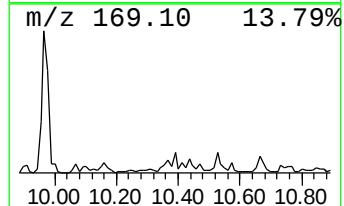
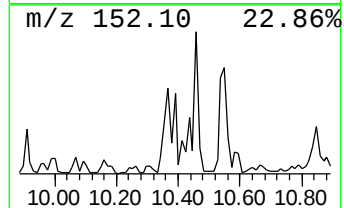
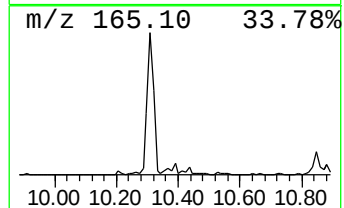
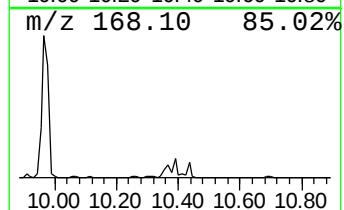
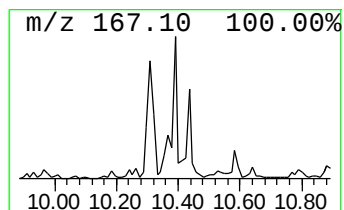
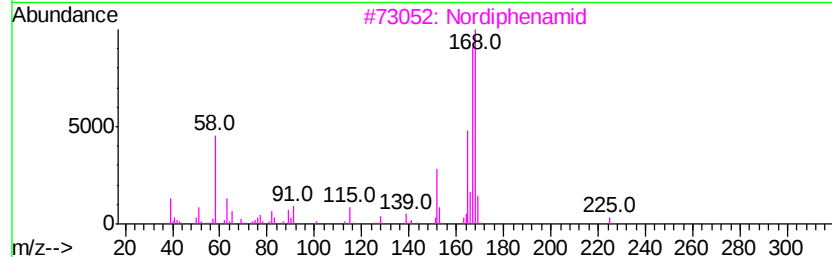
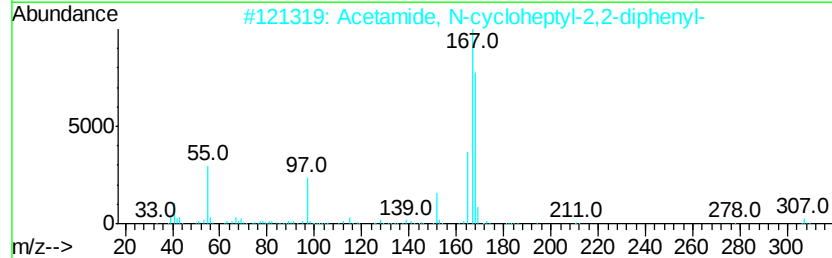
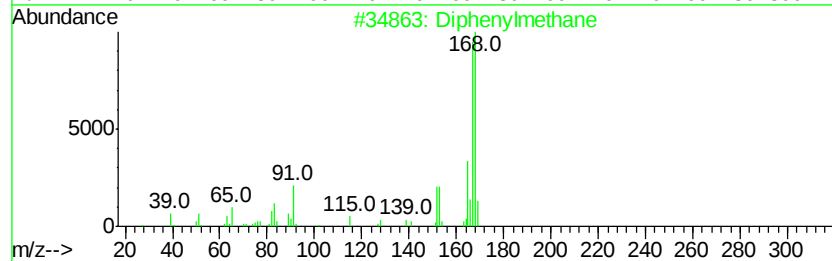
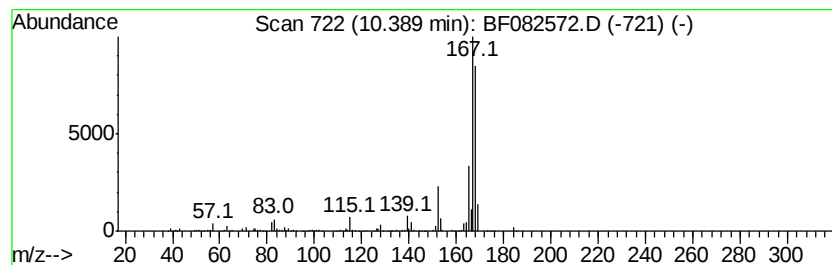
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ClientSampleId :
S5-BOILERROOM2.5FTDEEP

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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 Diphenylmethane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	11.40 ng	696750	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Diphenylmethane	168 C13H12	000101-81-5 83
2		Acetamide, N-cycloheptyl-2,2-dip...	307 C21H25NO	351062-01-6 72
3		Nordiphenamid	225 C15H15NO	000954-21-2 64
4		Benzeneethanol, .alpha.,.alpha.,...	350 C26H22O	000981-24-8 64
5		Fluorene, 1,4-dihydro-	168 C13H12	041593-21-9 59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082572.D
Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
Sample : G4178-05
Misc :
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Instrument :
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ClientSampleId :
S5-BOILERROOM2.5FTDEEP

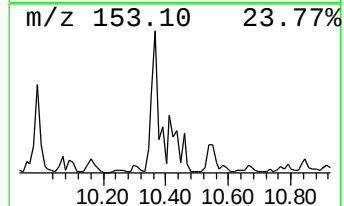
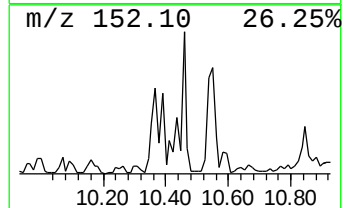
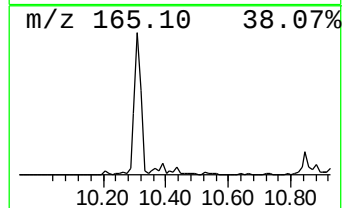
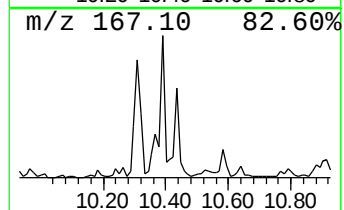
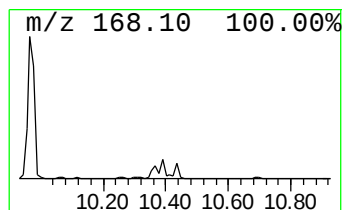
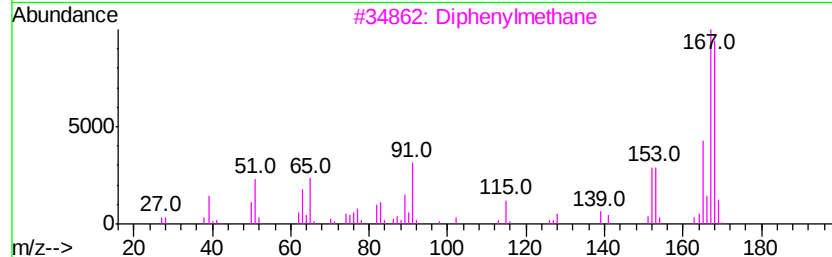
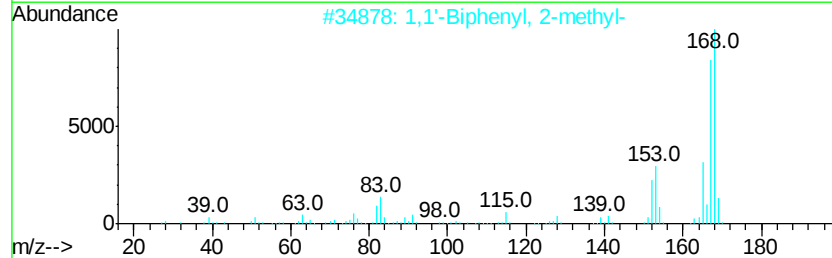
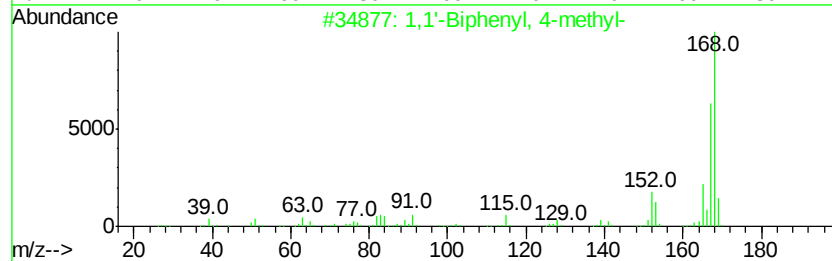
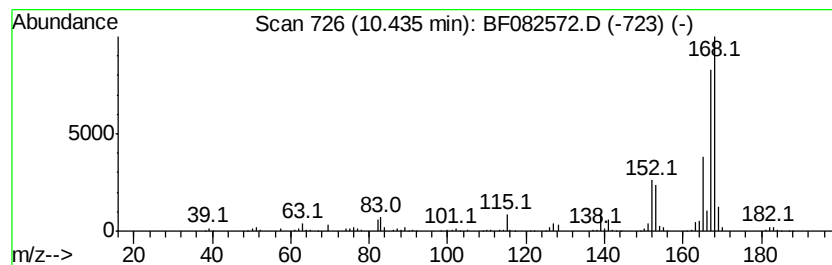
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	15.77 ng	963954	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	91
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
3		Diphenylmethane	168	C13H12	000101-81-5	81
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	81
5		Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082572.D
Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
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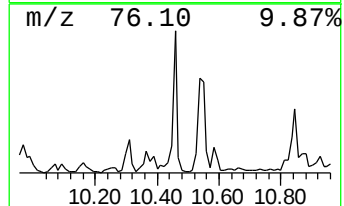
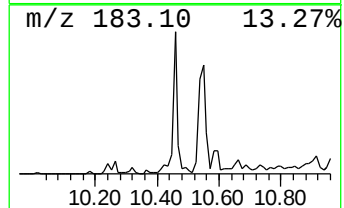
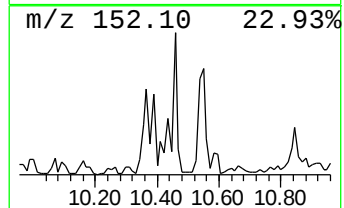
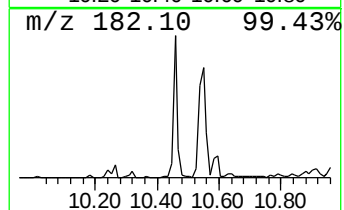
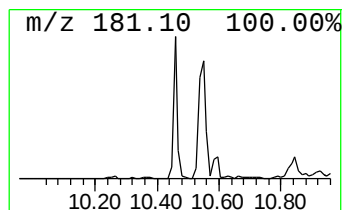
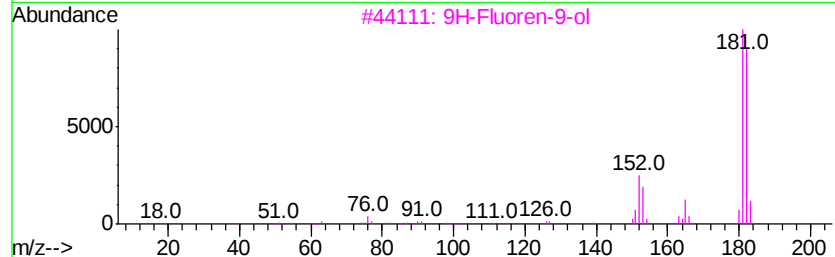
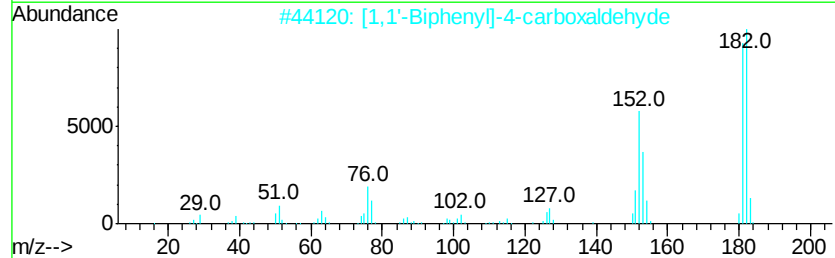
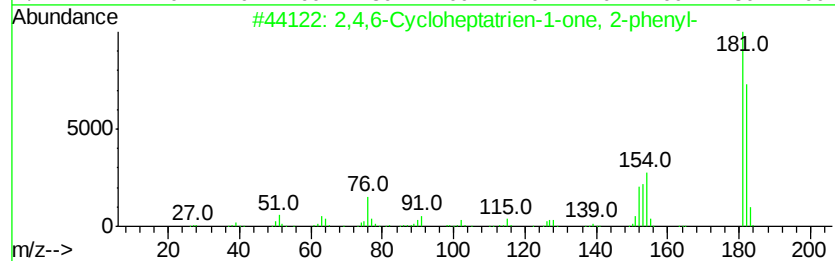
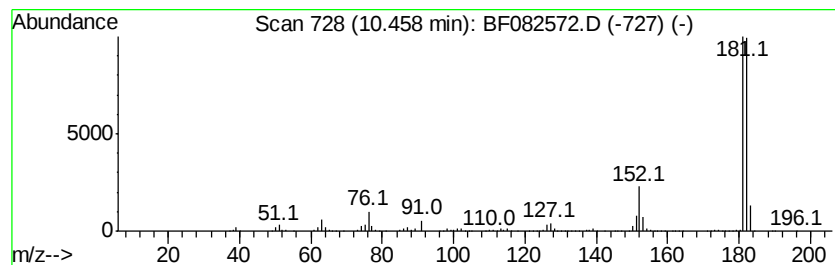
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2,4,6-Cycloheptatrien-1-one... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	21.29 ng	1301210	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	59
5		9H-Xanthene	182	C13H10O	000092-83-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082572.D
Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
Sample : G4178-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

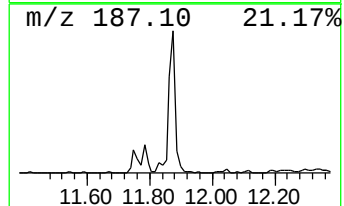
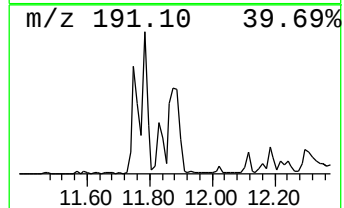
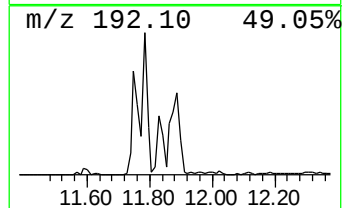
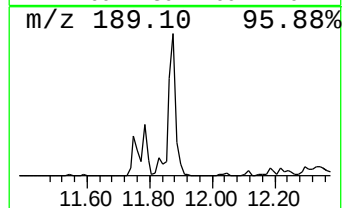
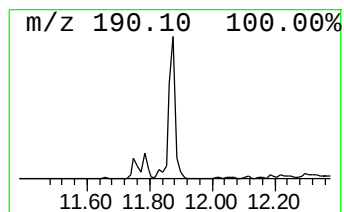
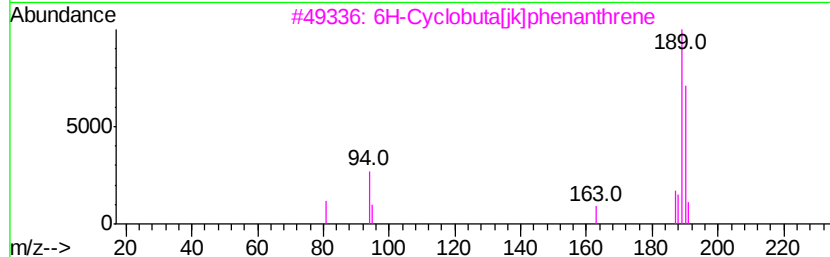
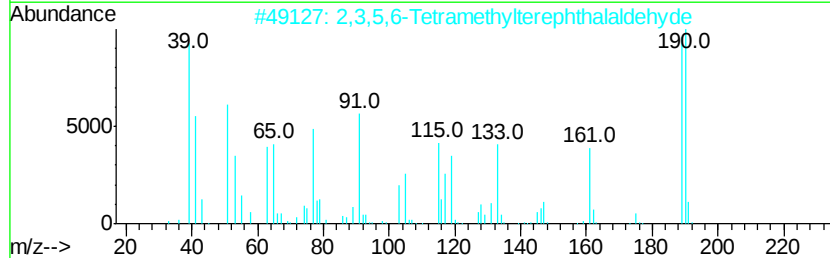
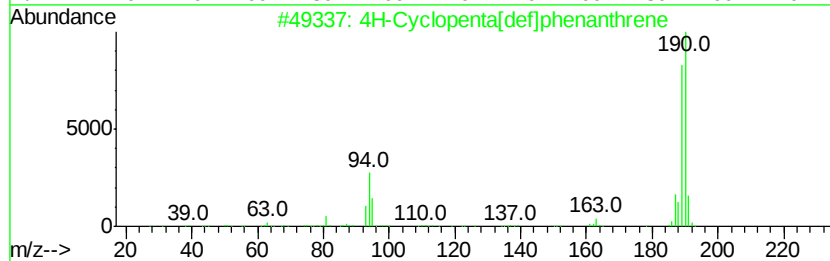
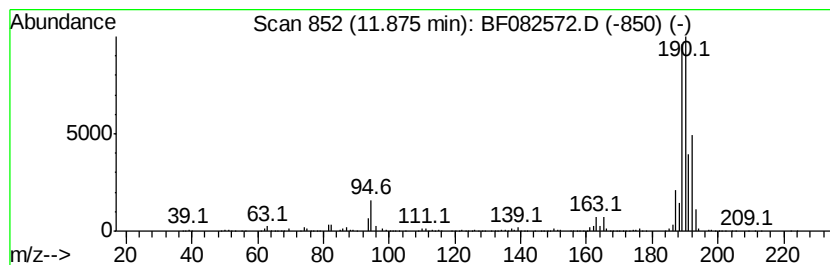
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ClientSampleId :
S5-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.88	4.25 ng	5981740	Phenanthrene-d10	11.27		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3		6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	42
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082572.D
Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
Sample : G4178-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEP

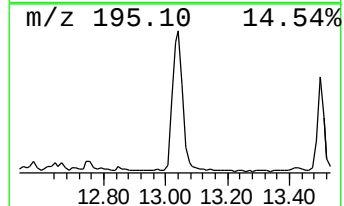
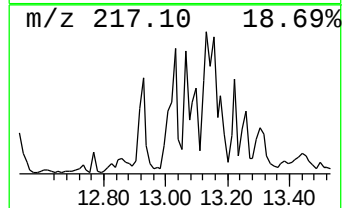
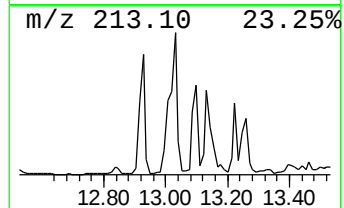
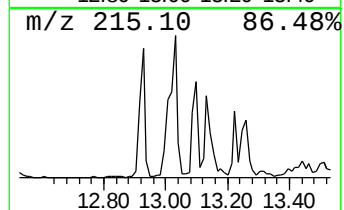
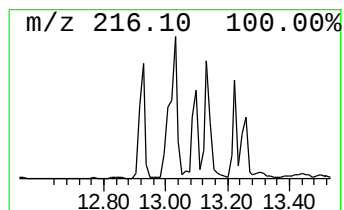
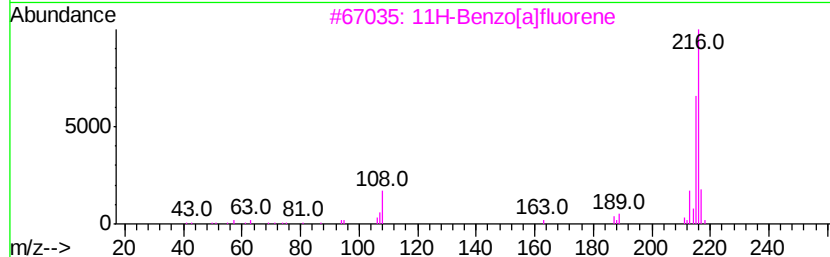
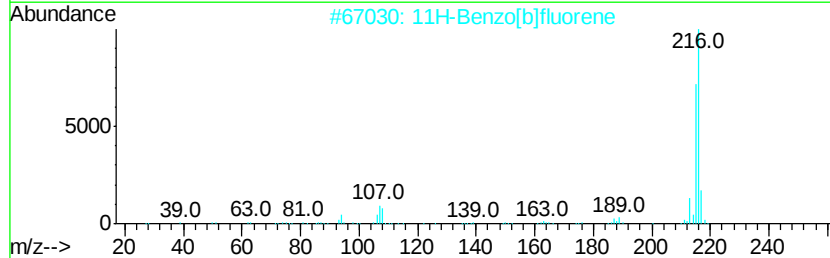
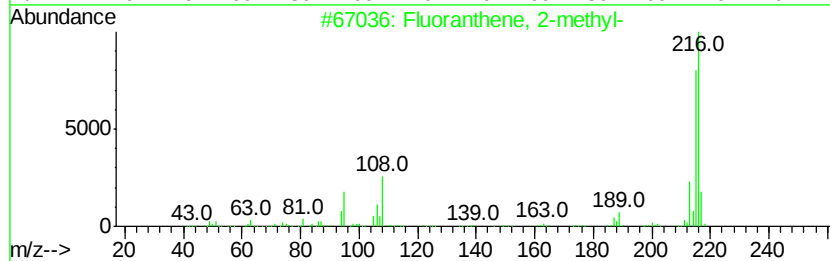
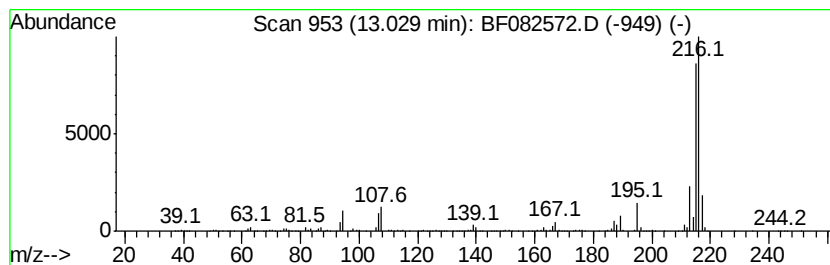
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	4.83 ng	4345990	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	93
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082572.D
Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
Sample : G4178-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

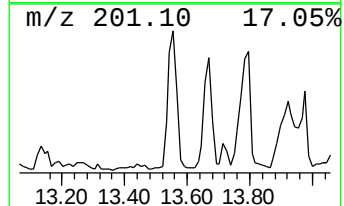
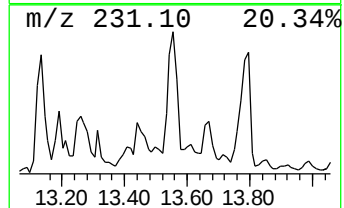
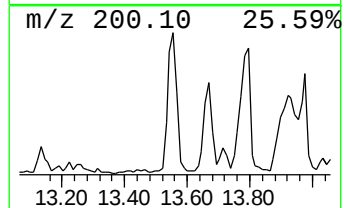
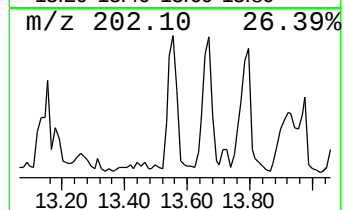
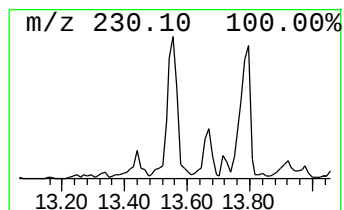
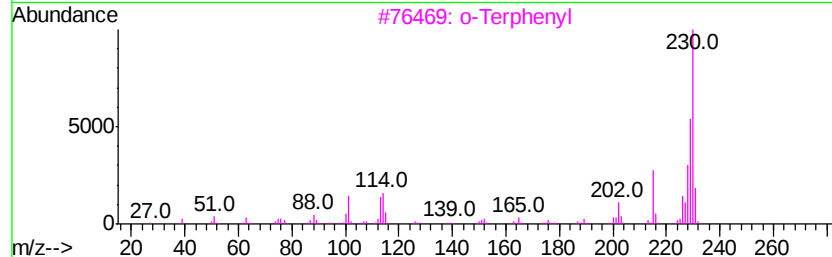
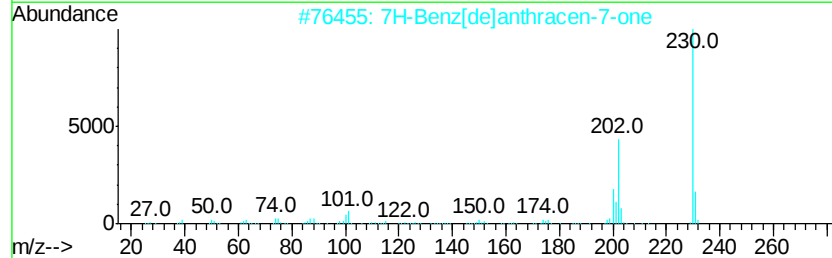
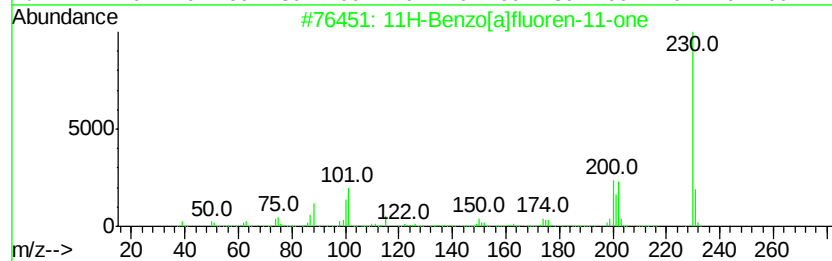
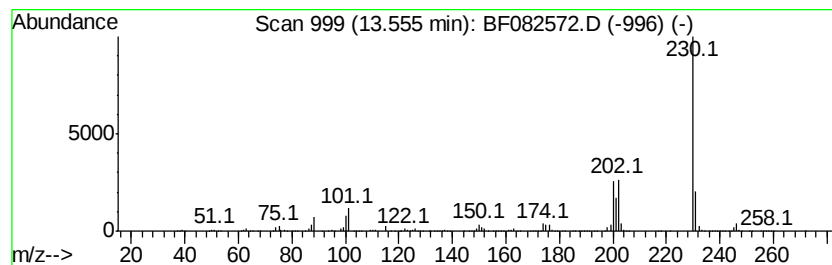
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S5-BOILERROOM2.5FTDEEP

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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 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	4.21 ng	3785300	Chrysene-d12	13.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluoren-11-one	230 C17H10O	000479-79-8 97
2		7H-Benz[de]anthracen-7-one	230 C17H10O	000082-05-3 90
3		o-Terphenyl	230 C18H14	000084-15-1 64
4		Dibenzo[c,h][2,6]naphthvyridine	230 C16H10N2	000218-30-4 59
5		Pyrene, 1,3-dimethyl-	230 C18H14	064401-21-4 58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082572.D
Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
Sample : G4178-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEP

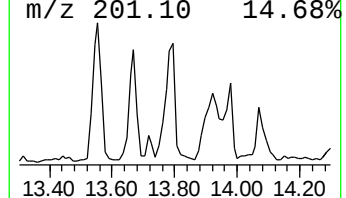
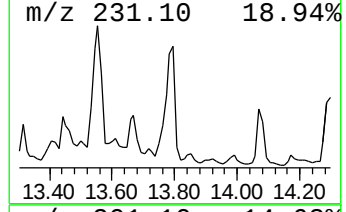
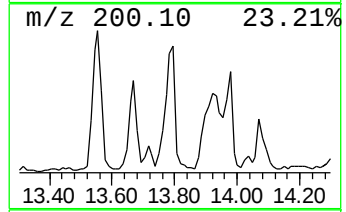
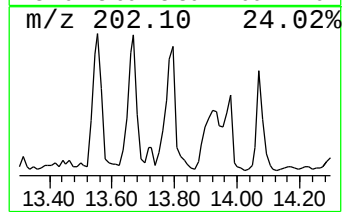
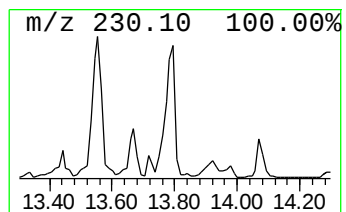
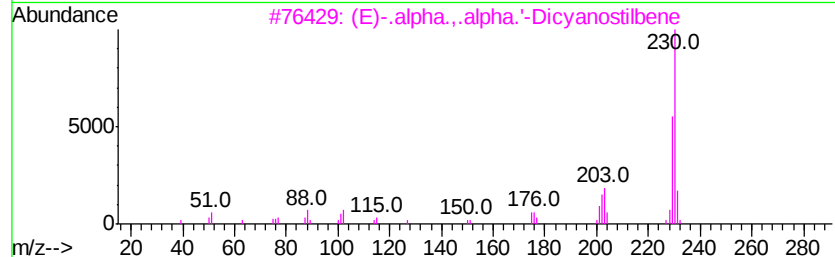
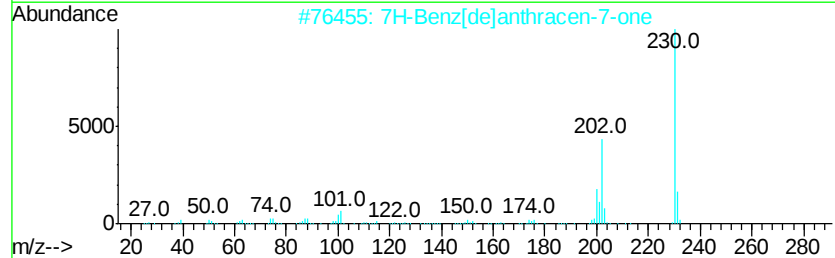
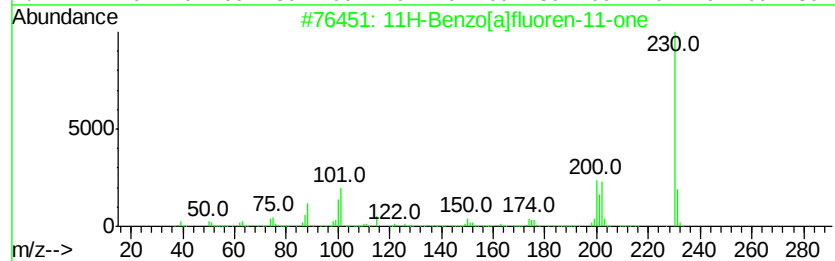
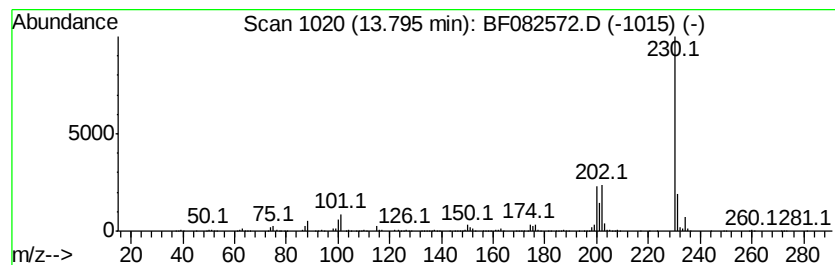
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	4.37 ng	3932210	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3		(E)-.alpha..alpha.'-Dicvanostil...	230	C16H10N2	002450-55-7	53
4		o-Terphenyl	230	C18H14	000084-15-1	52
5		Benzo(a)phenazine	230	C16H10N2	000225-61-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082572.D
Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
Sample : G4178-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEP

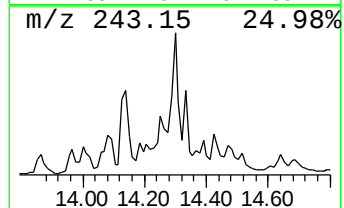
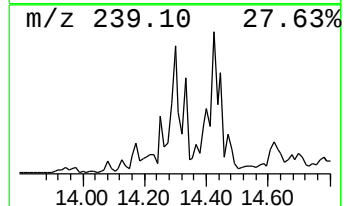
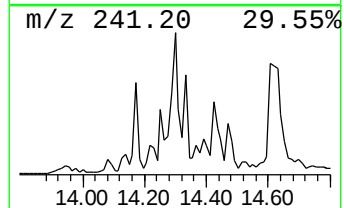
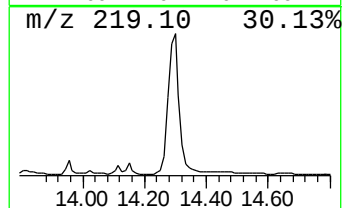
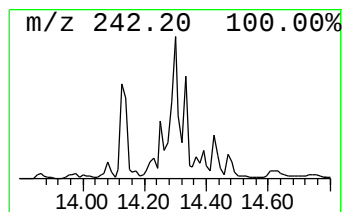
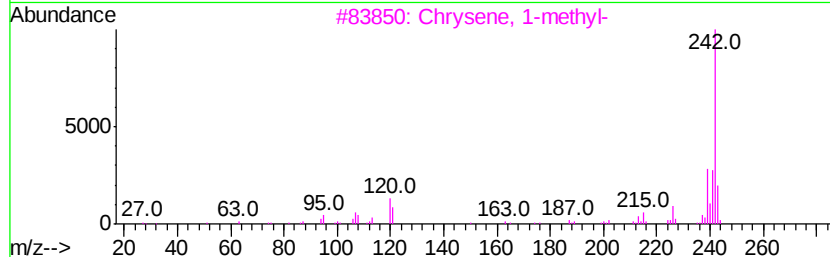
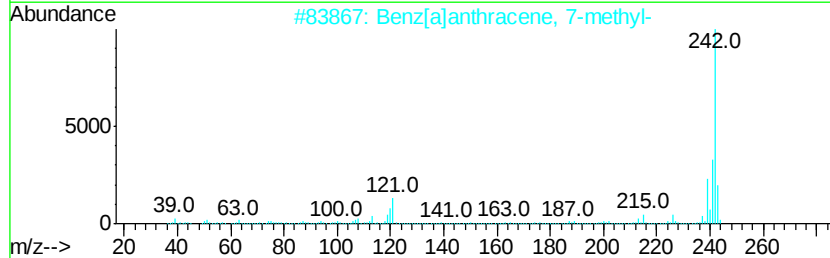
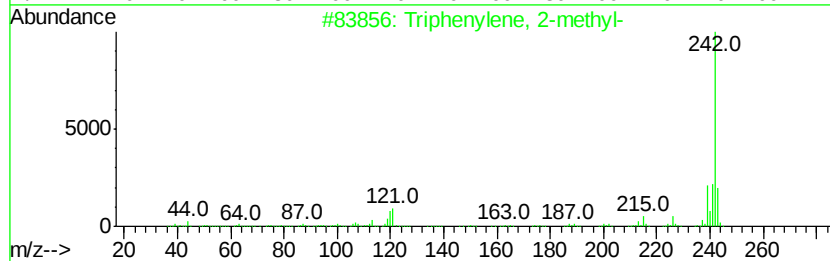
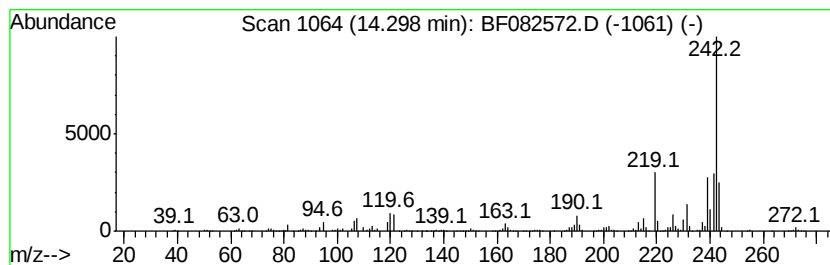
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Triphenylene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	4.49 ng	4042400	Chrysene-d12	13.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
3			Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
4			Chrysene, 2-methyl-	242	C19H14	003351-32-4	95
5			Chrysene, 3-methyl-	242	C19H14	003351-31-3	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082572.D
Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
Sample : G4178-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S5-BOILERROOM2.5FTDEEP

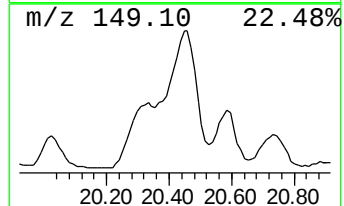
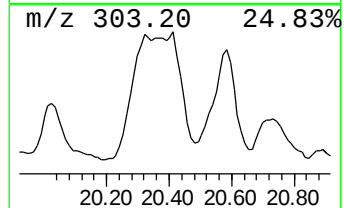
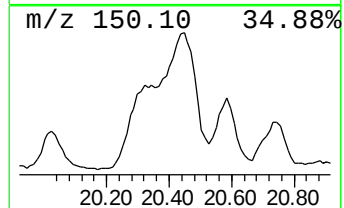
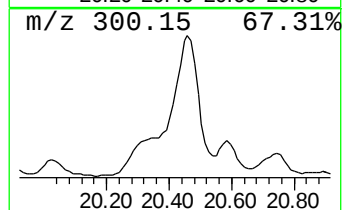
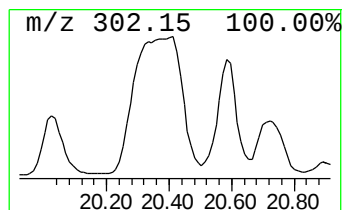
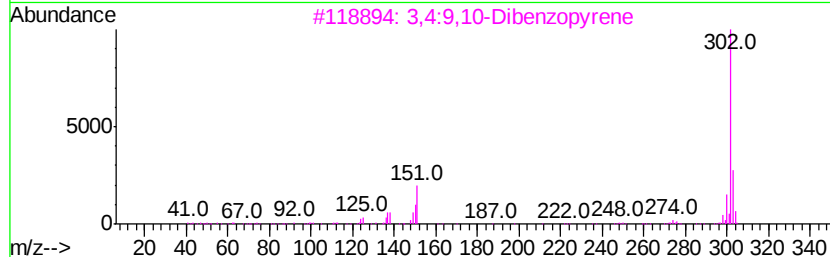
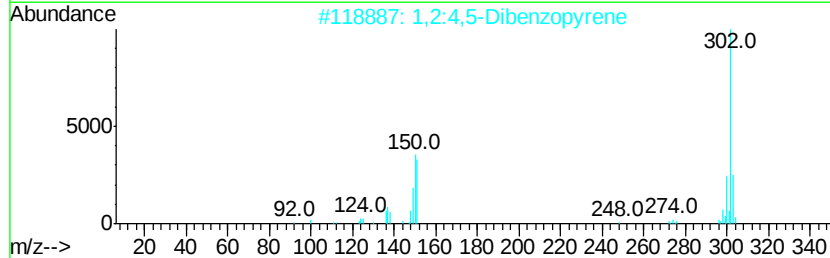
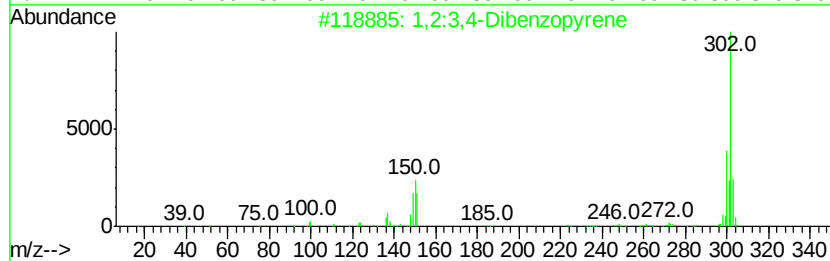
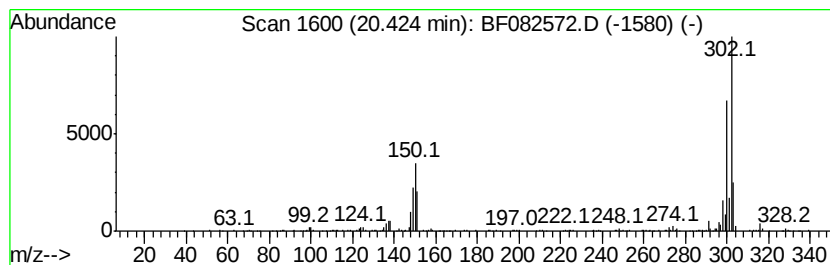
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:3,4-Dibenzopyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	7.46 ng	4409740	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	64
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	60
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	60
5		Coronene	300	C24H12	000191-07-1	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082572.D
Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
Sample : G4178-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S5-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.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...	4.87	11.9	ng	1221920	1	6.71	2046770	20.0
unknown6.48	6.48	22.3	ng	2281870	1	6.71	2046770	20.0
Naphthalene, 2,7-...	9.34	19.5	ng	1194410	3	9.75	1222280	20.0
Naphthalene, 1,7-...	9.42	22.7	ng	1386900	3	9.75	1222280	20.0
Naphthalene, 1,4,...	10.16	10.5	ng	644433	3	9.75	1222280	20.0
1-Isopropenyl naph...	10.37	16.0	ng	980326	3	9.75	1222280	20.0
Diphenylmethane	10.39	11.4	ng	696750	3	9.75	1222280	20.0
1,1'-Biphenyl, 4-...	10.43	15.8	ng	963954	3	9.75	1222280	20.0
2,4,6-Cycloheptat...	10.46	21.3	ng	1301210	3	9.75	1222280	20.0
4H-Cyclopenta[def...	11.88	4.3	ng	5981740	4	11.27	28144300	20.0
Fluoranthene, 2-m...	13.03	4.8	ng	4345990	5	13.94	17986300	20.0
11H-Benzo[a]fluor...	13.56	4.2	ng	3785300	5	13.94	17986300	20.0
7H-Benz[de]anthra...	13.80	4.4	ng	3932210	5	13.94	17986300	20.0
Triphenylene, 2-m...	14.30	4.5	ng	4042400	5	13.94	17986300	20.0
1,2:3,4-Dibenzopy...	20.42	7.5	ng	4409740	6	15.37	11816100	20.0