

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
 Data File : BF079553.D
 Acq On : 28 May 2015 19:31
 Operator : TP/IZ
 Sample : G2408-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-25D

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.564	32	33	40	rVV	180257	280998	5.21%	0.711%
2	1.667	40	42	80	rVB	2767698	5398094	100.00%	13.660%
3	4.673	303	305	313	rVB	43569	80310	1.49%	0.203%
4	5.256	354	356	372	rBV	710057	1090904	20.21%	2.760%
5	6.570	469	471	479	rBV	966992	1173701	21.74%	2.970%
6	6.685	479	481	484	rBV	1161007	1199878	22.23%	3.036%
7	6.959	503	505	508	rBV	438415	420808	7.80%	1.065%
8	7.142	519	521	524	rBV	790728	882799	16.35%	2.234%
9	7.656	564	566	569	rBV	536886	715141	13.25%	1.810%
10	8.536	641	643	648	rBV	622173	630752	11.68%	1.596%
11	9.885	759	761	764	rBV	1428179	1344296	24.90%	3.402%
12	10.399	804	806	808	rBV	306966	263144	4.87%	0.666%
13	10.525	815	817	820	rBV	52470	76174	1.41%	0.193%
14	10.708	830	833	835	rBV	646429	673972	12.49%	1.705%
15	10.742	835	836	838	rVB	123297	104785	1.94%	0.265%
16	11.382	890	892	895	rVB	105537	97327	1.80%	0.246%
17	11.679	916	918	921	rBV2	753116	1004659	18.61%	2.542%
18	12.308	970	973	976	rVB	43178	54435	1.01%	0.138%
19	12.537	990	993	994	rBV	706010	699885	12.97%	1.771%
20	12.571	994	996	998	rVB	873342	962540	17.83%	2.436%
21	12.628	998	1001	1004	rVB	264339	308371	5.71%	0.780%
22	12.685	1004	1006	1008	rBV2	37848	57539	1.07%	0.146%
23	12.845	1018	1020	1022	rBV	99445	103242	1.91%	0.261%
24	13.165	1045	1048	1050	rBV	154602	195513	3.62%	0.495%
25	13.199	1050	1051	1054	rVB	190431	169094	3.13%	0.428%
26	13.291	1054	1059	1061	rBV3	288359	674485	12.49%	1.707%
27	13.542	1079	1081	1082	rBV	98479	102446	1.90%	0.259%
28	13.565	1082	1083	1087	rVB2	53029	70564	1.31%	0.179%
29	13.725	1094	1097	1099	rBV2	38852	54551	1.01%	0.138%
30	13.851	1105	1108	1109	rBV	93341	117682	2.18%	0.298%
31	13.885	1109	1111	1115	rVB4	54243	137268	2.54%	0.347%
32	13.954	1115	1117	1122	rVB3	70210	148205	2.75%	0.375%
33	14.034	1122	1124	1127	rBV	1145351	1627804	30.16%	4.119%
34	14.125	1129	1132	1133	rBV	44019	67429	1.25%	0.171%

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Integrator: RTE

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Max Peaks: 100

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

35	14.160	1133	1135	1138	rVB	48905	69701	1.29%	0.176%
36	14.217	1138	1140	1142	rBV	95347	111480	2.07%	0.282%
37	14.251	1142	1143	1146	rBV	56444	99031	1.83%	0.251%
38	14.320	1146	1149	1151	rVV	1235504	1743594	32.30%	4.412%
39	14.354	1151	1152	1153	rVV	45614	57868	1.07%	0.146%
40	14.388	1153	1155	1156	rVB2	59206	70809	1.31%	0.179%
41	14.480	1161	1163	1164	rBV	111556	112209	2.08%	0.284%
42	14.525	1164	1167	1170	rBV	1017221	1507292	27.92%	3.814%
43	14.605	1170	1174	1176	rBV2	76287	150018	2.78%	0.380%
44	14.708	1179	1183	1184	rBV3	92718	196662	3.64%	0.498%
45	14.731	1184	1185	1188	rVB	204468	228263	4.23%	0.578%
46	14.822	1190	1193	1194	rBV	117586	154422	2.86%	0.391%
47	14.857	1194	1196	1201	rVB3	180942	283275	5.25%	0.717%
48	14.971	1204	1206	1208	rVB	92926	78011	1.45%	0.197%
49	15.005	1208	1209	1212	rBV	59132	92277	1.71%	0.234%
50	15.371	1237	1241	1244	rBV2	91131	200178	3.71%	0.507%
51	15.497	1249	1252	1254	rBV	135075	172018	3.19%	0.435%
52	15.531	1254	1255	1259	rVV2	111479	228240	4.23%	0.578%
53	15.588	1259	1260	1262	rVB2	78206	79744	1.48%	0.202%
54	15.634	1262	1264	1266	rVB	129674	151256	2.80%	0.383%
55	15.714	1266	1271	1274	rBV2	166226	365724	6.78%	0.925%
56	15.805	1274	1279	1281	rBV2	1069234	2045160	37.89%	5.175%
57	15.851	1281	1283	1284	rVV	760049	900225	16.68%	2.278%
58	15.874	1284	1285	1288	rVB	319377	343546	6.36%	0.869%
59	15.943	1288	1291	1293	rBV	178699	221842	4.11%	0.561%
60	16.080	1301	1303	1305	rVB	101624	117646	2.18%	0.298%
61	16.125	1305	1307	1311	rBV2	97172	186215	3.45%	0.471%
62	16.263	1317	1319	1321	rBV2	46652	64074	1.19%	0.162%
63	16.320	1321	1324	1326	rBV	174996	252807	4.68%	0.640%
64	16.354	1326	1327	1330	rVV	63578	87282	1.62%	0.221%
65	16.434	1332	1334	1336	rVV	104726	140486	2.60%	0.355%
66	16.468	1336	1337	1341	rVV3	75035	197445	3.66%	0.500%
67	16.537	1341	1343	1345	rVV3	100653	169105	3.13%	0.428%
68	16.583	1345	1347	1350	rVB	63067	85589	1.59%	0.217%
69	16.720	1357	1359	1361	rBV3	43619	83646	1.55%	0.212%
70	16.994	1381	1383	1387	rVB	226621	292472	5.42%	0.740%
71	17.120	1390	1394	1399	rBV	775940	1899176	35.18%	4.806%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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72	17.234	1399	1404	1406	rBV2	191542	313352	5.80%	0.793%
73	17.314	1409	1411	1412	rBV	60712	87426	1.62%	0.221%
74	17.428	1419	1421	1425	rVB	459864	612272	11.34%	1.549%
75	17.497	1425	1427	1430	rVB	905877	1017059	18.84%	2.574%
76	17.566	1430	1433	1434	rBV	522028	806190	14.93%	2.040%
77	18.869	1544	1547	1552	rVB2	457656	867880	16.08%	2.196%
78	19.029	1558	1561	1563	rBV	127007	250995	4.65%	0.635%
79	19.074	1563	1565	1567	rVB	96538	149033	2.76%	0.377%
80	19.246	1577	1580	1585	rVB	342931	603418	11.18%	1.527%
81	19.452	1596	1598	1606	rVB2	124428	299378	5.55%	0.758%
82	21.177	1746	1749	1753	rVB	108833	283850	5.26%	0.718%

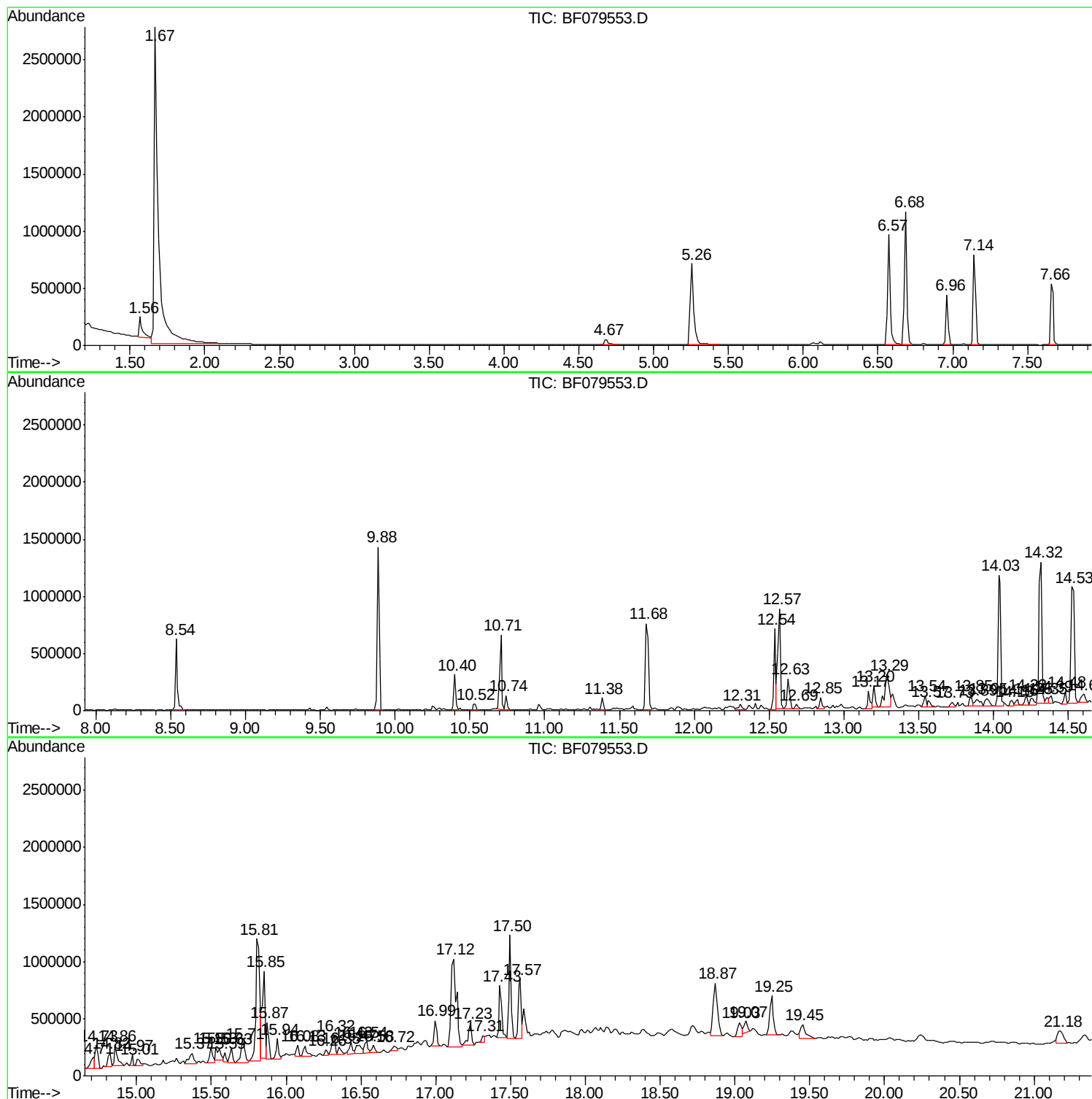
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
Data File : BF079553.D
Acq On : 28 May 2015 19:31
Operator : TP/IZ
Sample : G2408-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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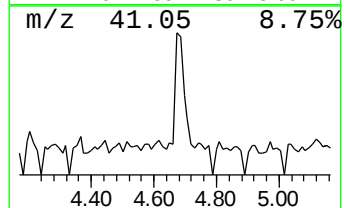
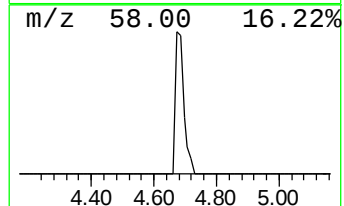
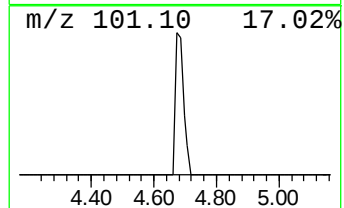
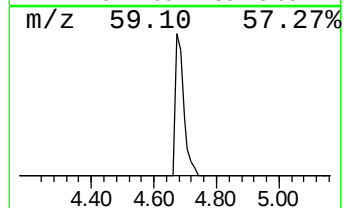
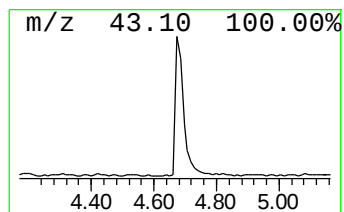
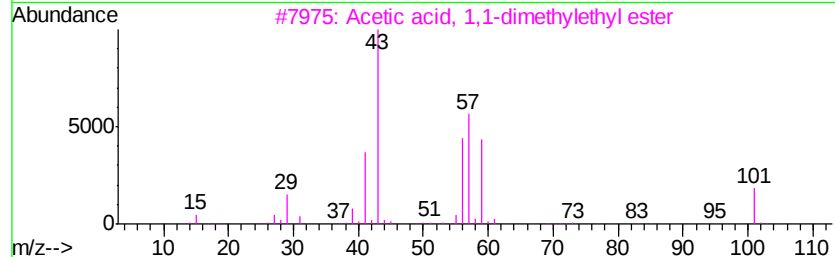
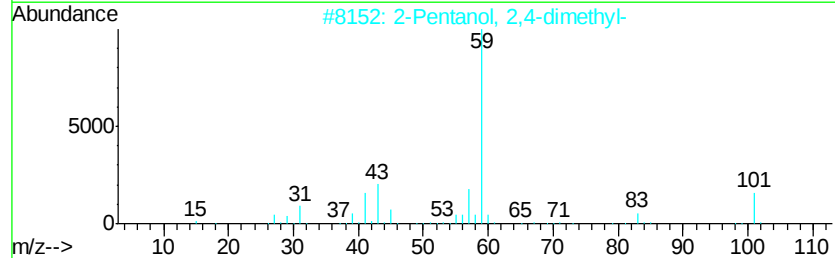
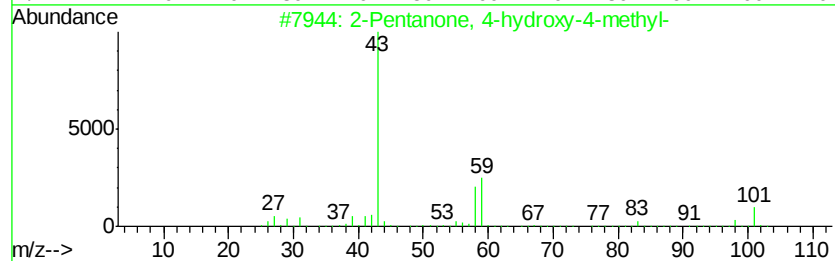
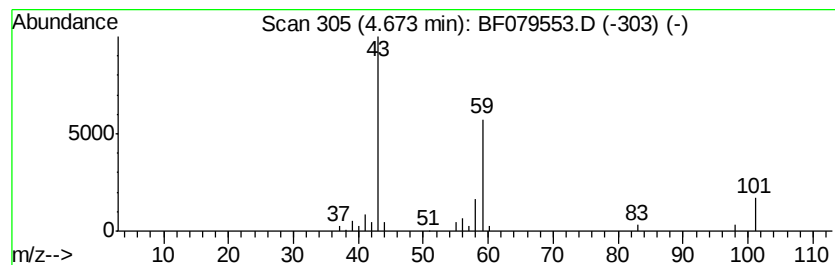
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	3.82 ng	80310	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	53
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4			3-Hexanol	102	C6H14O	000623-37-0	36
5			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23



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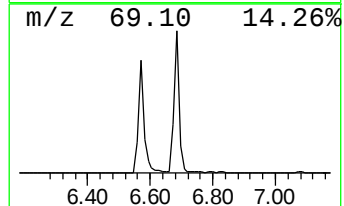
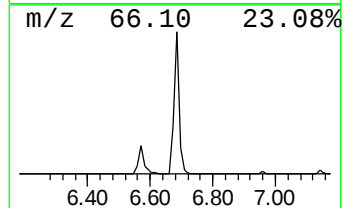
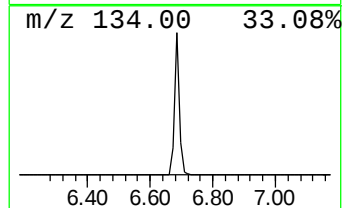
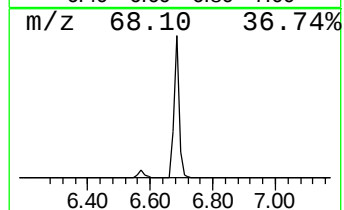
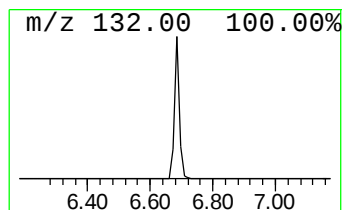
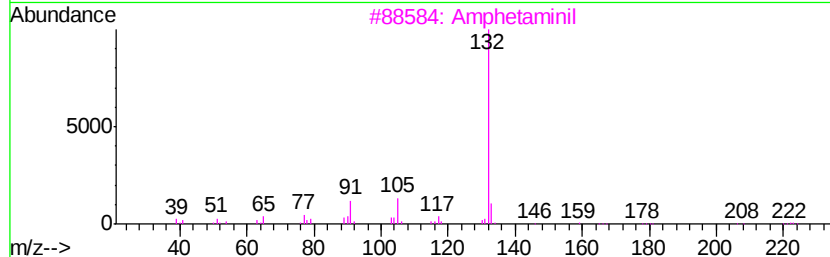
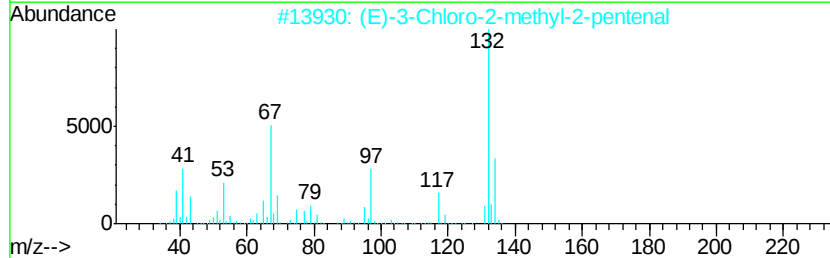
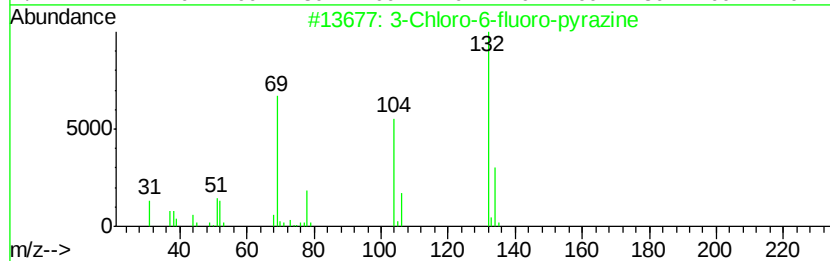
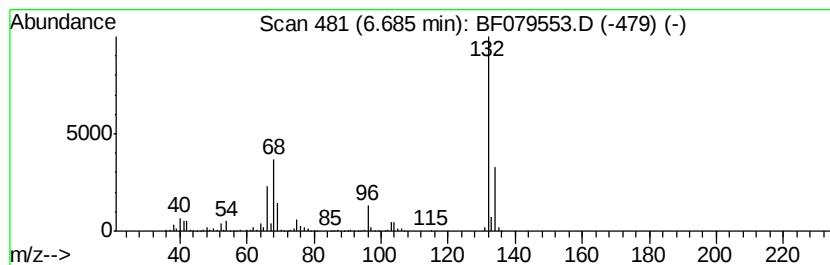
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	57.03 ng	1199880	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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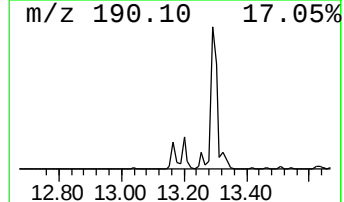
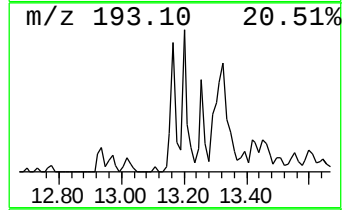
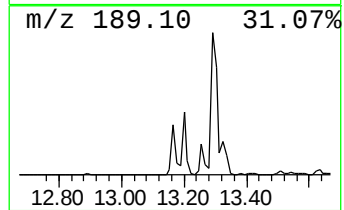
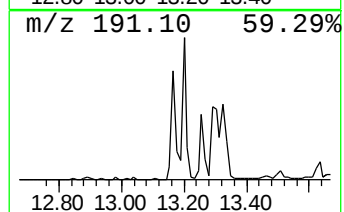
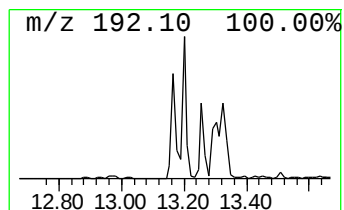
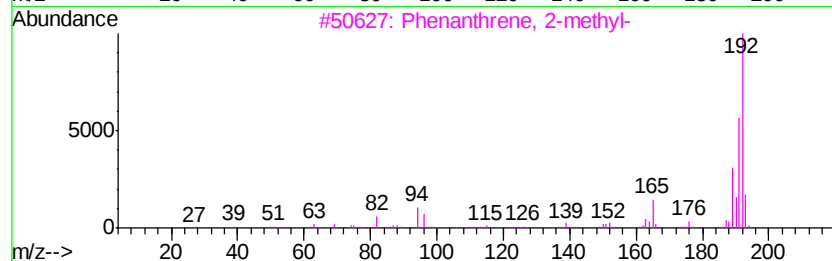
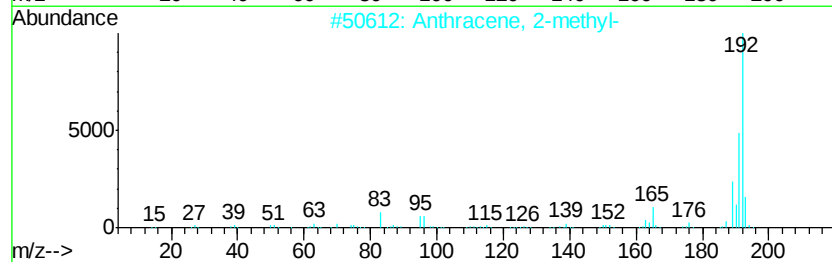
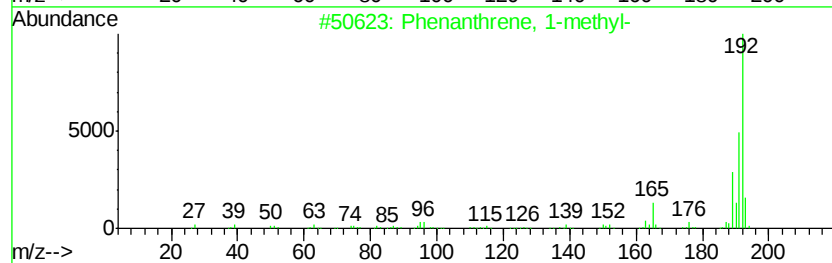
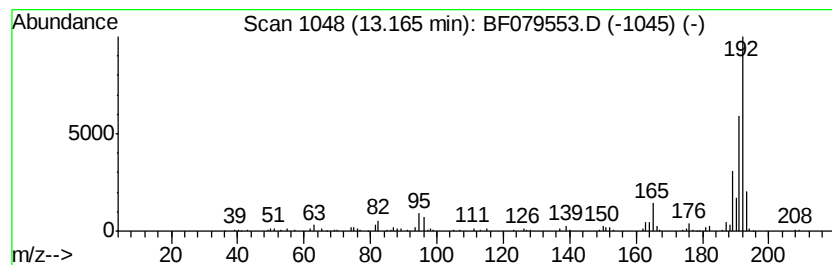
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	5.59 ng	195513	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



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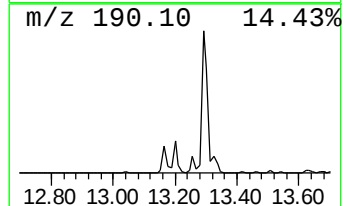
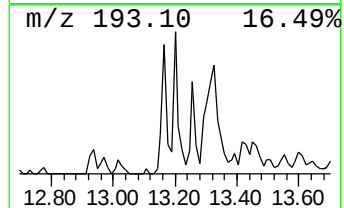
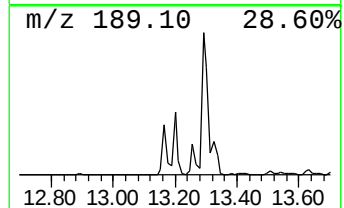
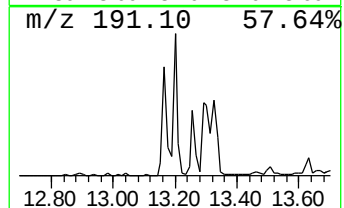
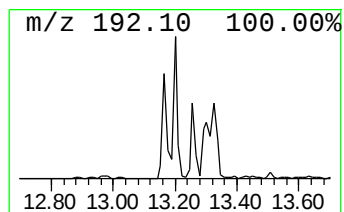
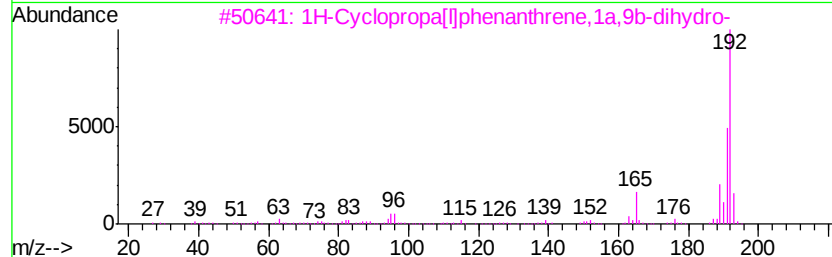
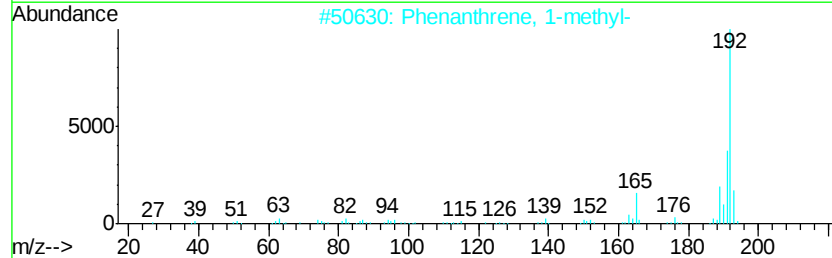
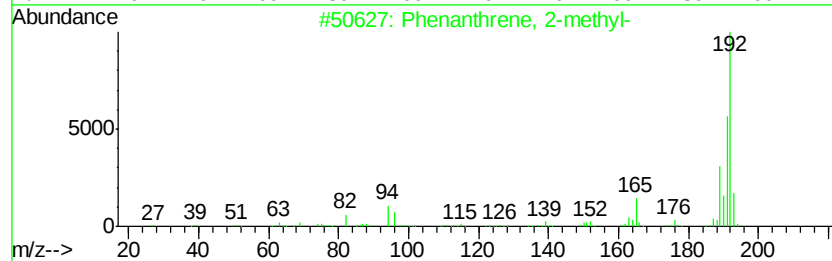
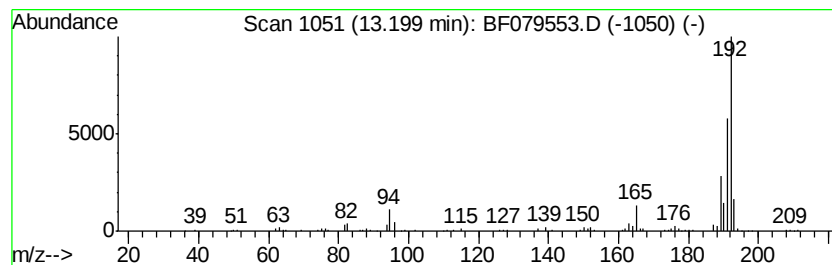
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	4.83 ng	169094	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079553.D
Acq On : 28 May 2015 19:31
Operator : TP/IZ
Sample : G2408-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-25D

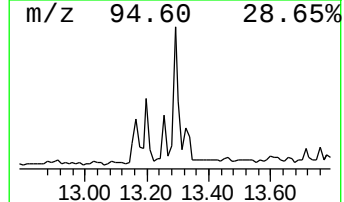
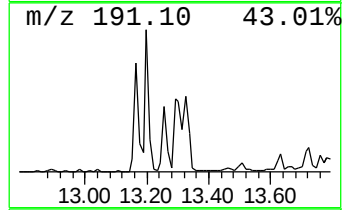
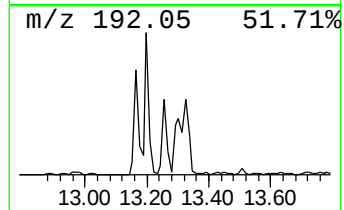
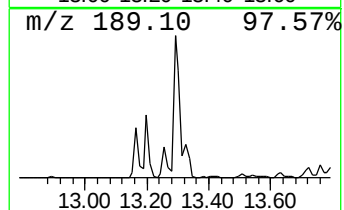
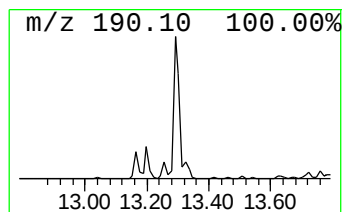
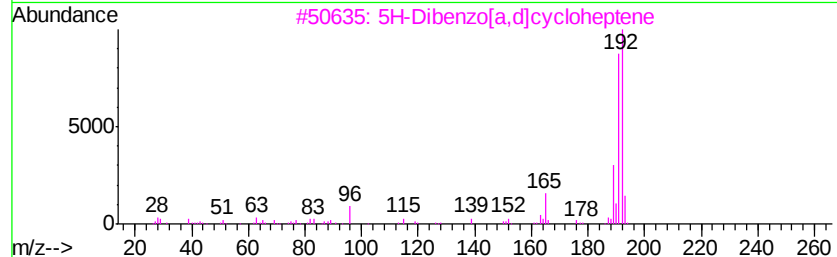
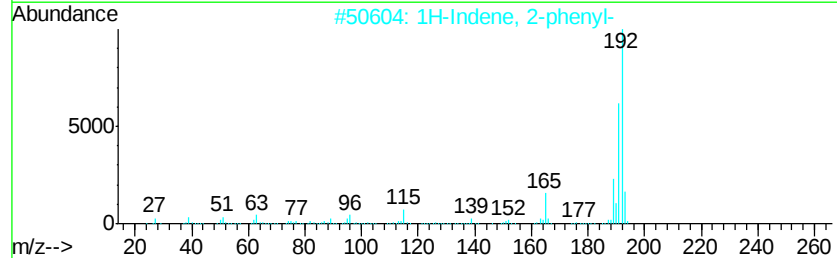
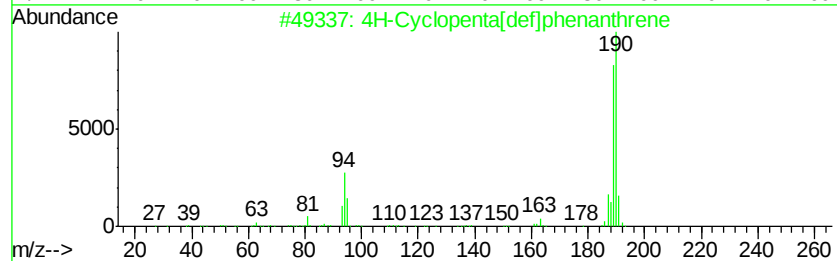
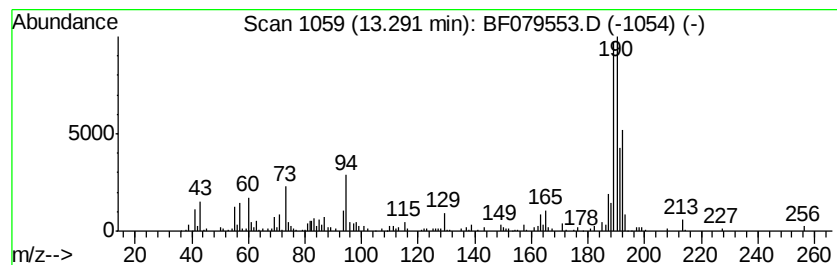
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	19.27 ng	674485	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
4		Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	18
5		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
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Acq On : 28 May 2015 19:31
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Misc :
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ClientSampleId :
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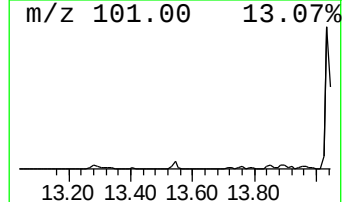
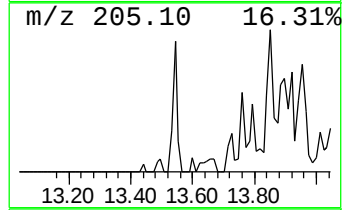
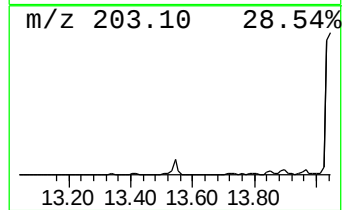
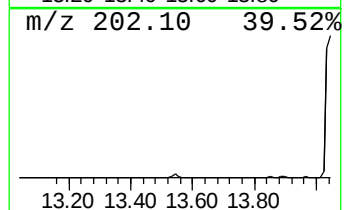
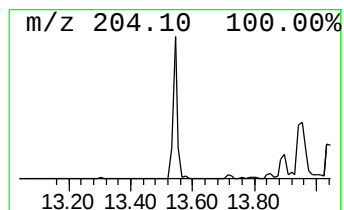
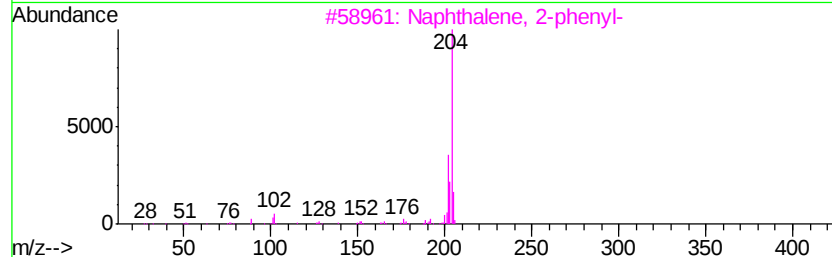
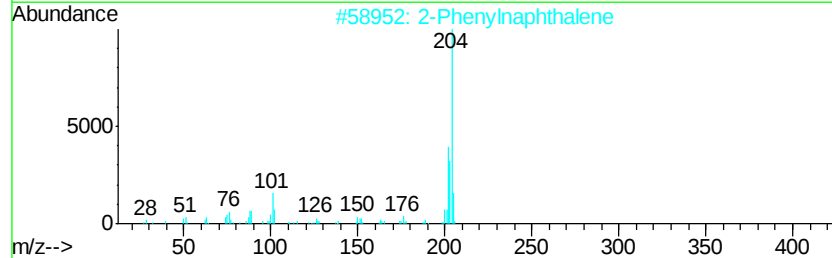
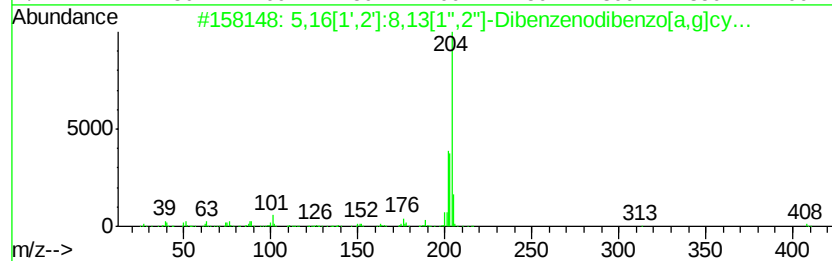
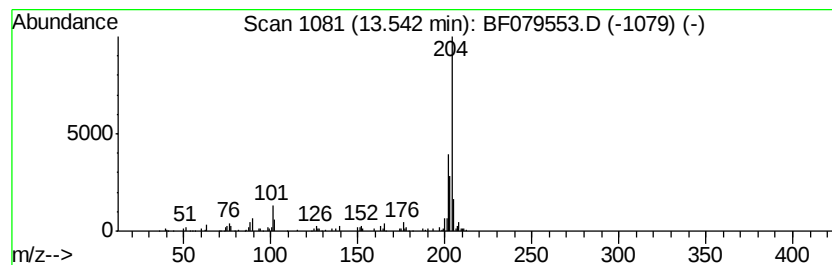
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.93 ng	102446	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	86
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079553.D
Acq On : 28 May 2015 19:31
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Sample : G2408-01
Misc :
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ClientSampleId :
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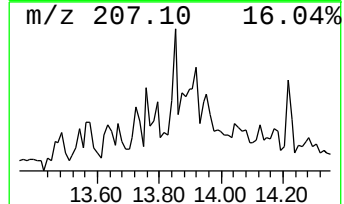
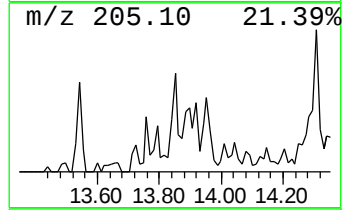
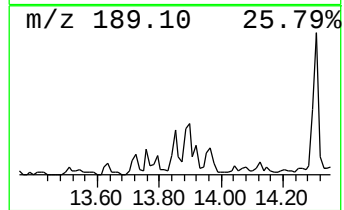
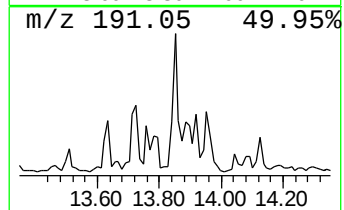
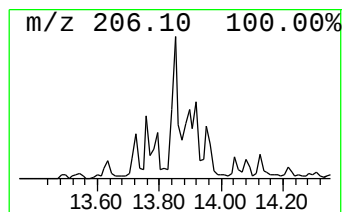
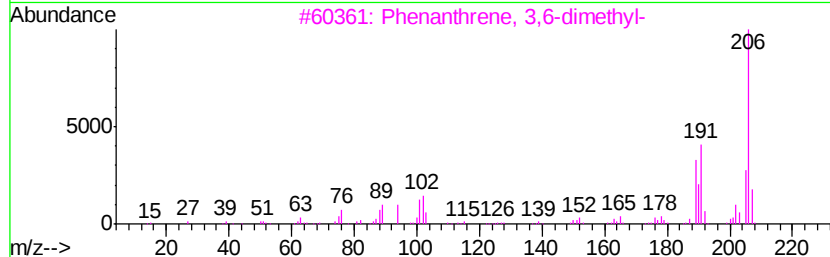
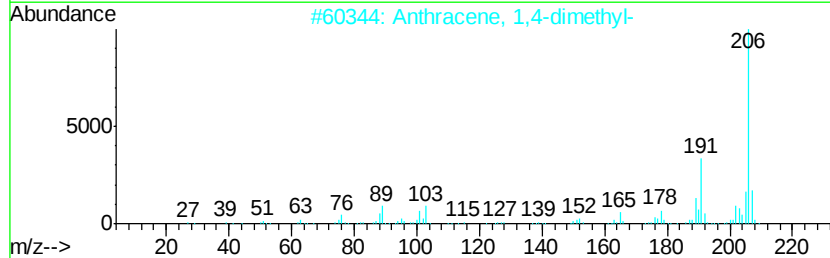
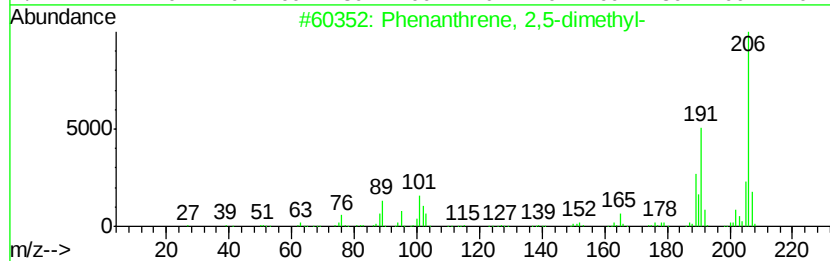
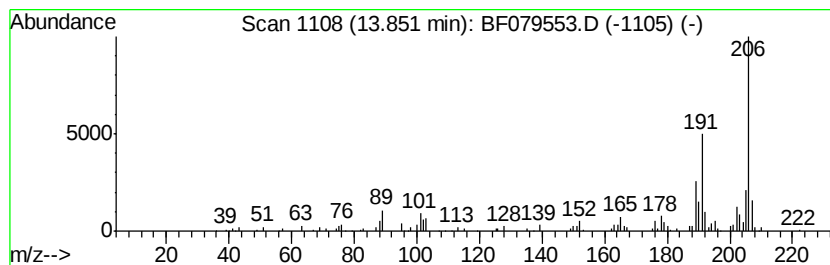
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.36 ng	117682	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	92
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079553.D
Acq On : 28 May 2015 19:31
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Misc :
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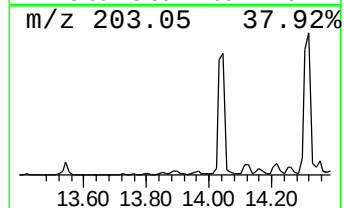
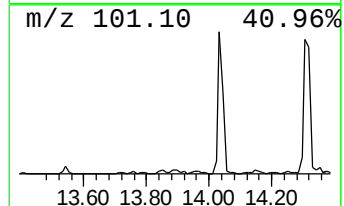
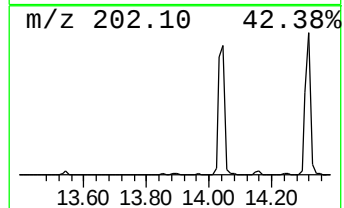
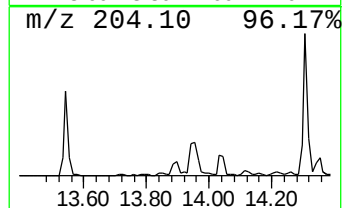
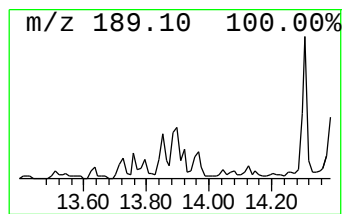
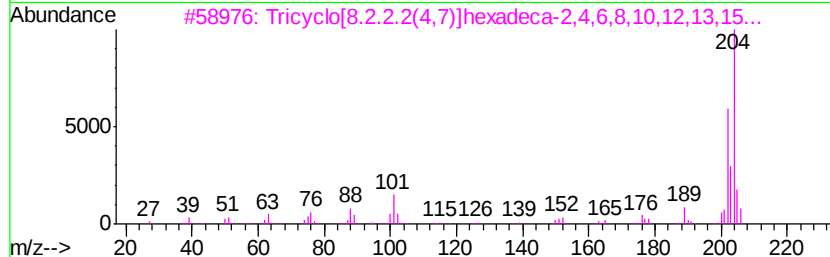
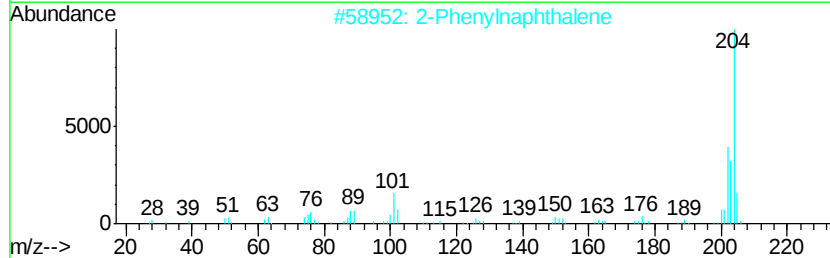
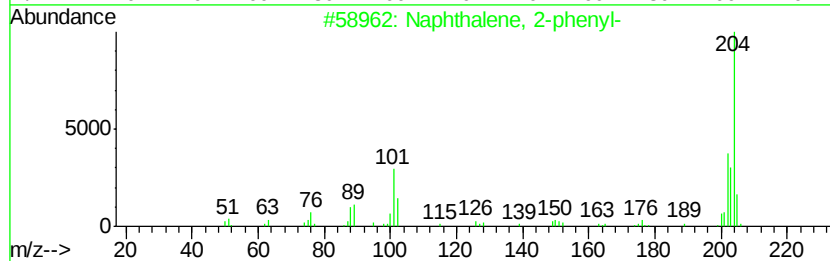
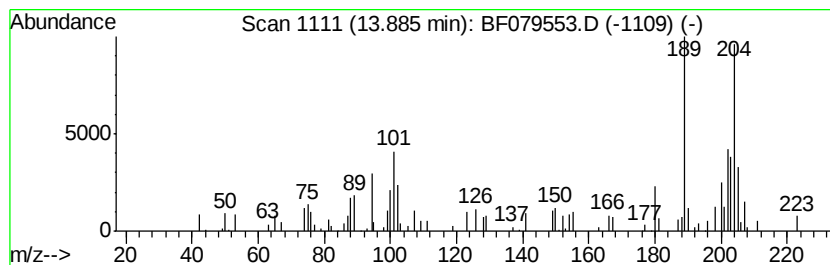
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.89 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.92 ng	137268	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	45
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	43
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	41
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
5		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
Data File : BF079553.D
Acq On : 28 May 2015 19:31
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Sample : G2408-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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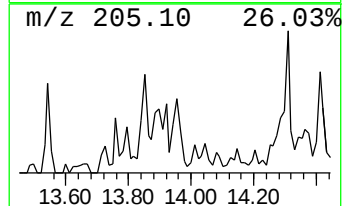
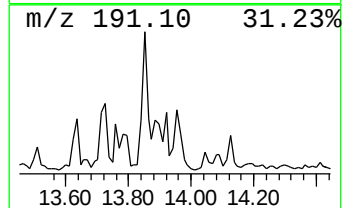
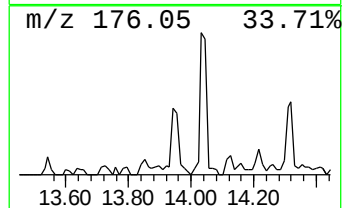
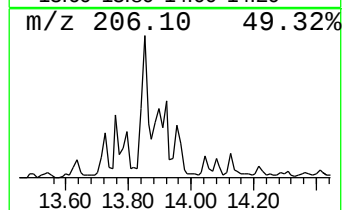
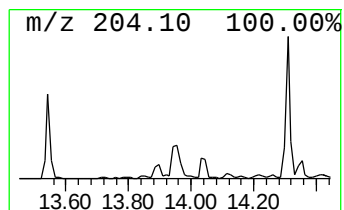
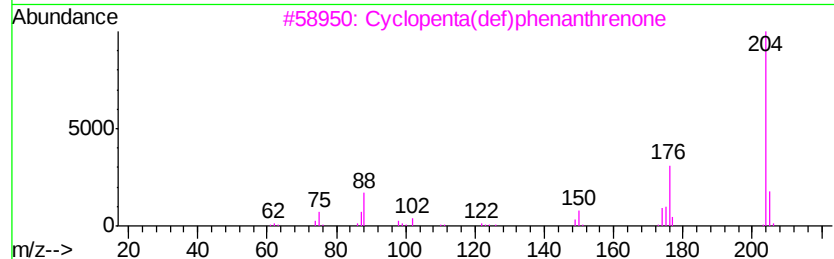
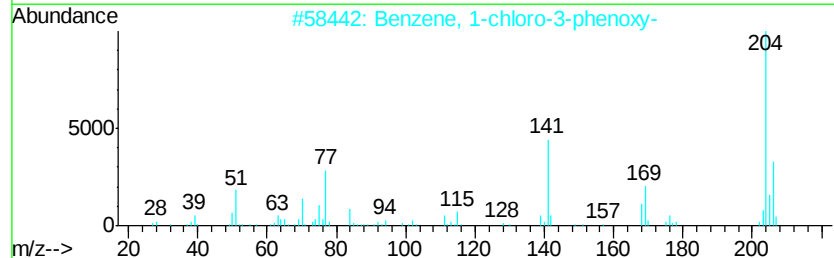
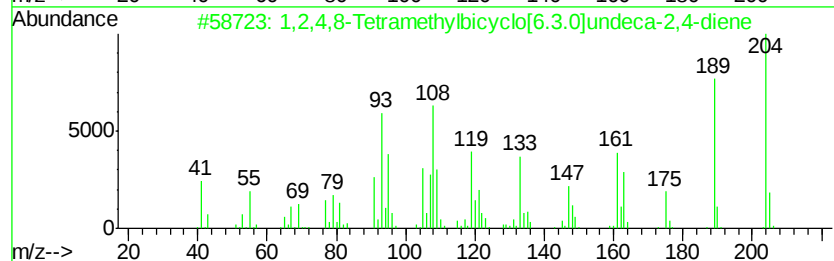
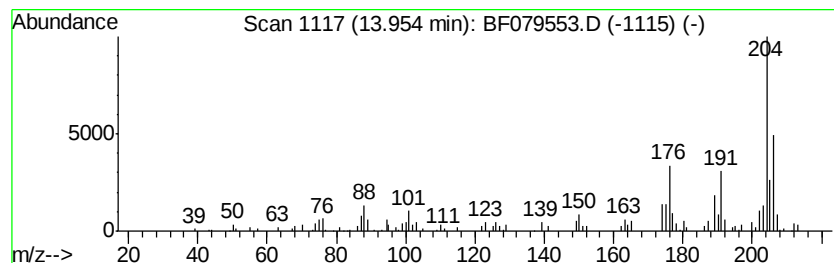
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.24 ng	148205	Phenanthrene-d10	12.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	50
2			Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	50
3			Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	50
4			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
5			[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
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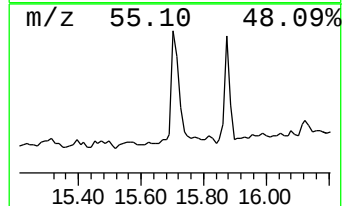
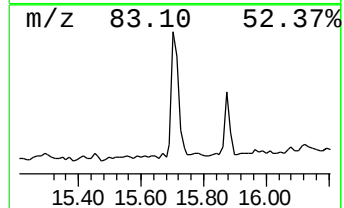
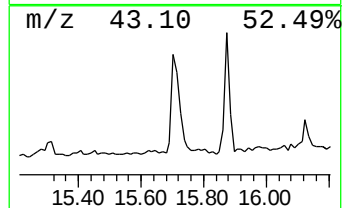
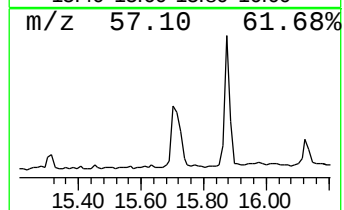
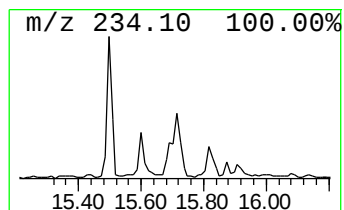
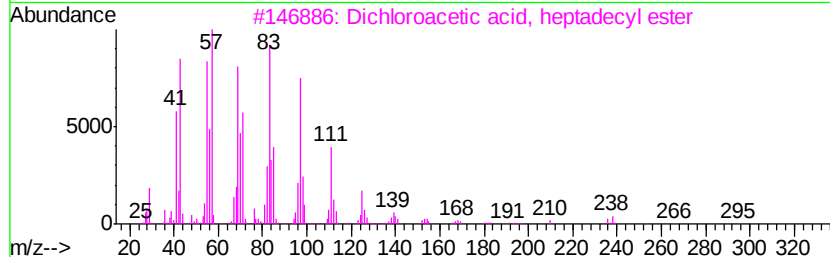
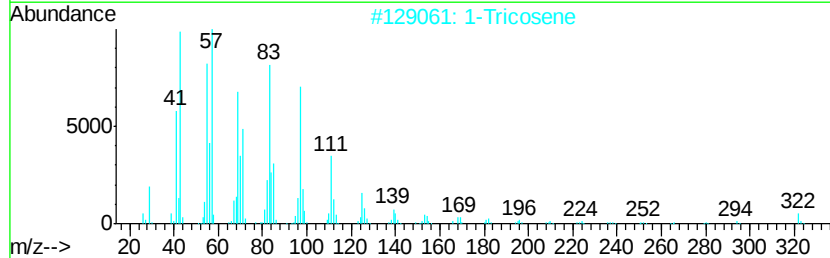
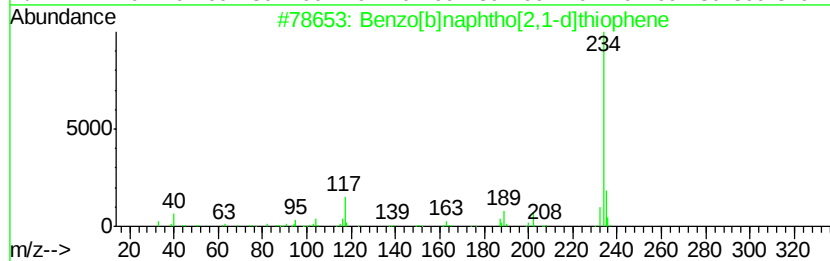
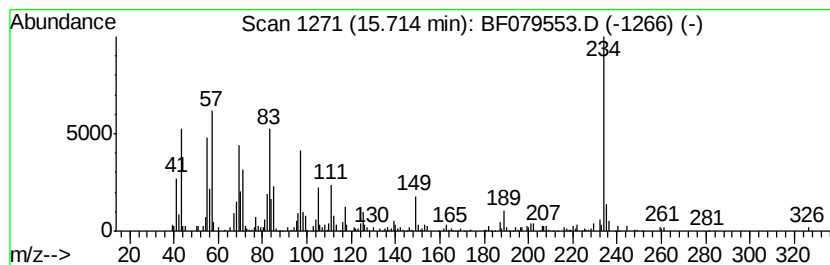
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	3.58 ng	365724	Chrysene-d12	15.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	52
2			1-Tricosene	322	C23H46	018835-32-0	50
3			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	50
4			1-Heneicosyl formate	340	C22H44O2	077899-03-7	46
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
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Acq On : 28 May 2015 19:31
Operator : TP/IZ
Sample : G2408-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-25D

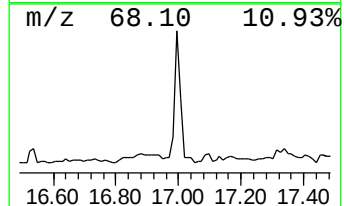
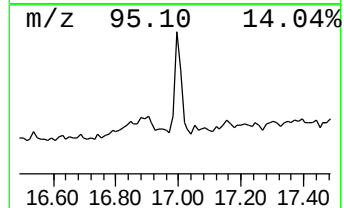
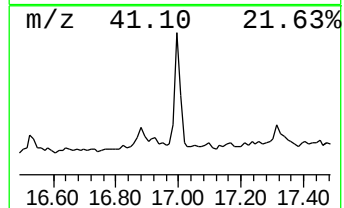
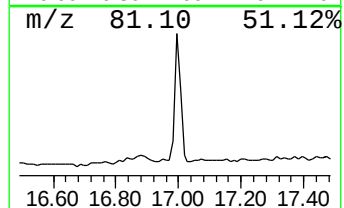
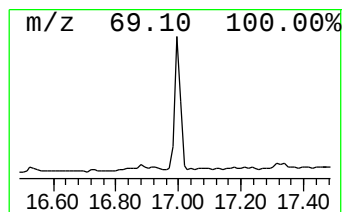
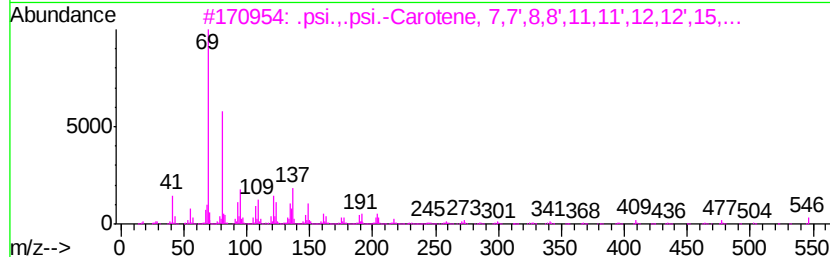
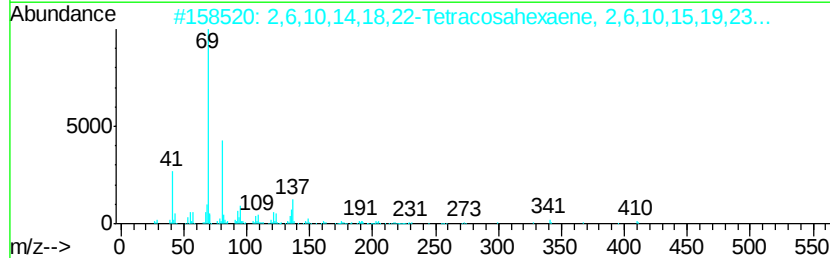
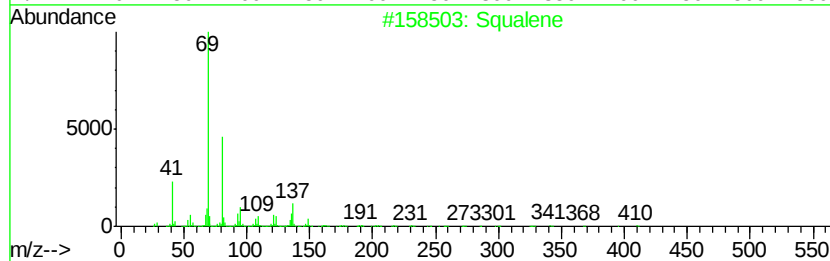
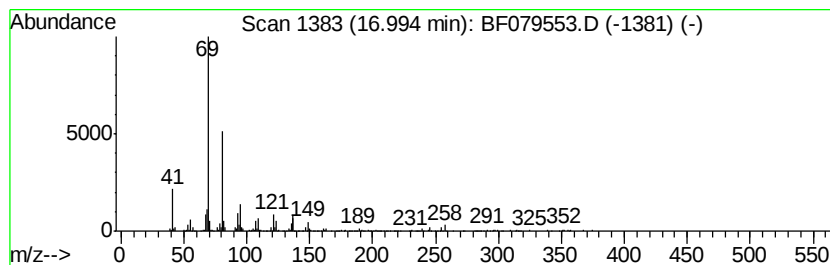
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	7.26 ng	292472	Perylene-d12	17.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	90
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	80
3		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	78
4		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78
5		3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
Data File : BF079553.D
Acq On : 28 May 2015 19:31
Operator : TP/IZ
Sample : G2408-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-25D

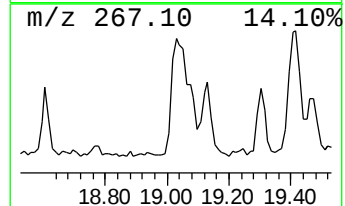
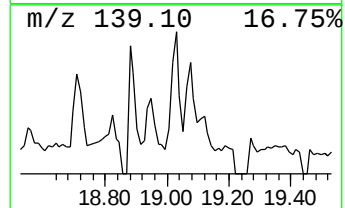
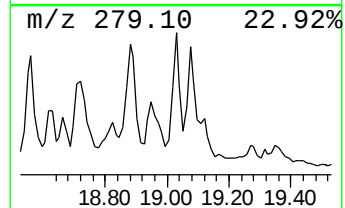
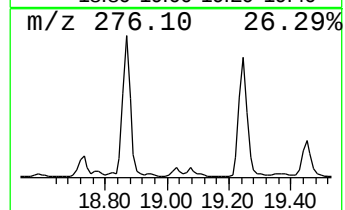
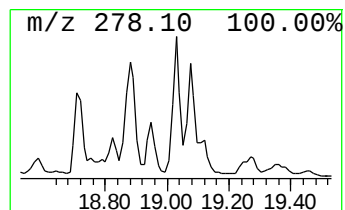
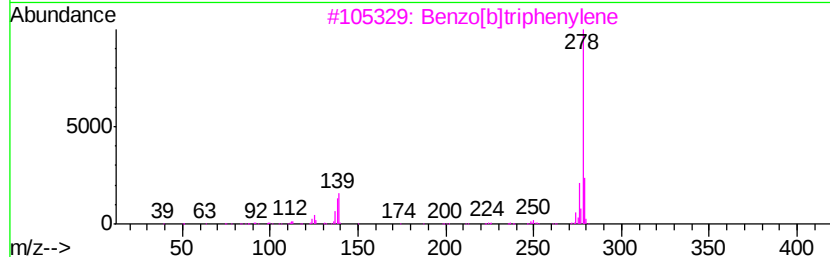
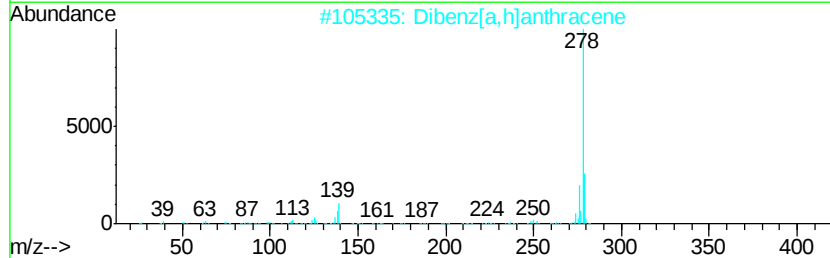
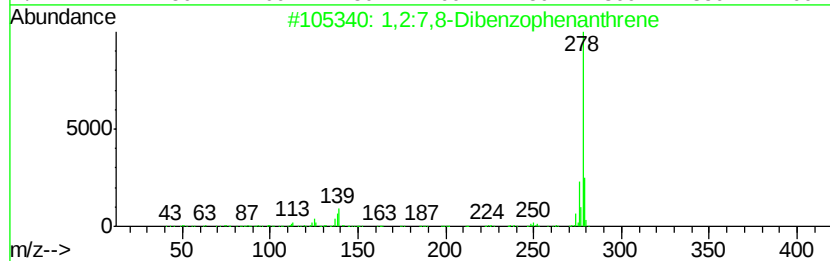
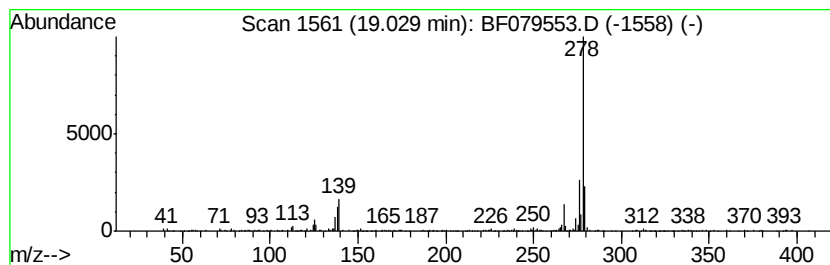
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,2:7,8-Dibenzophenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	6.23 ng	250995	Perylene-d12	17.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	98
4		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	96
5		Pentaphene	278	C22H14	000222-93-5	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079553.D
Acq On : 28 May 2015 19:31
Operator : TP/IZ
Sample : G2408-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-25D

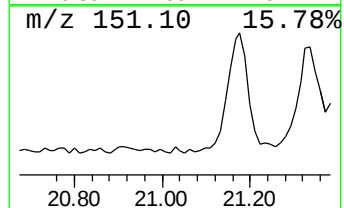
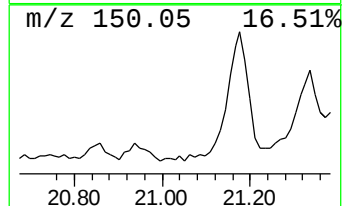
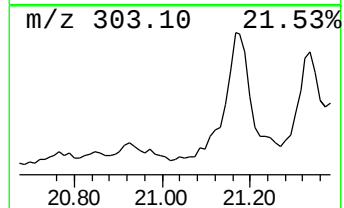
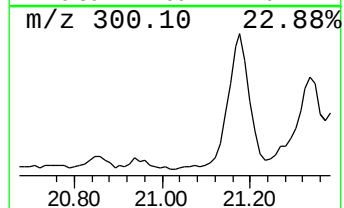
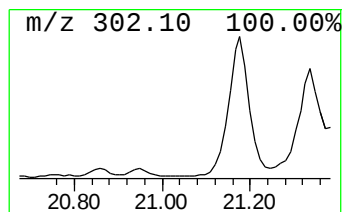
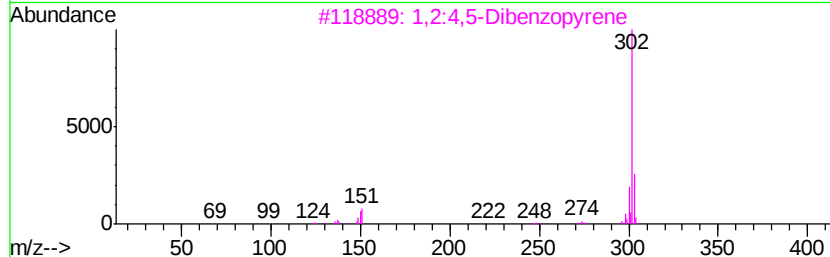
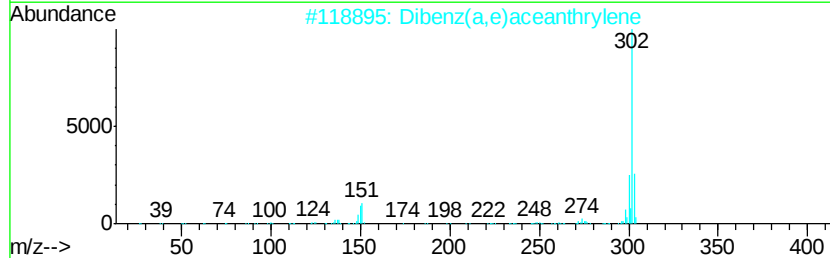
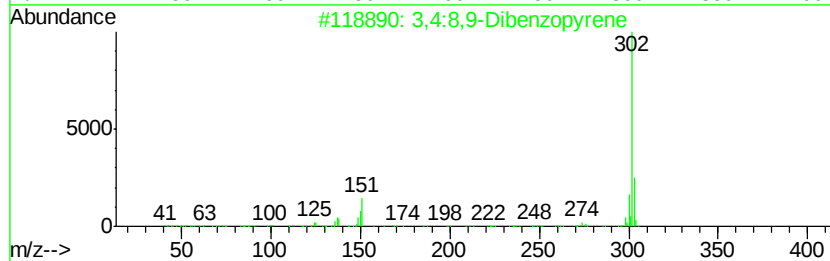
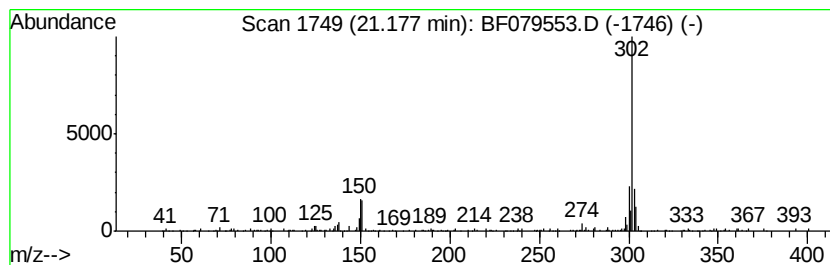
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	7.04 ng	283850	Perylene-d12	17.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	94
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
4		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	89
5		1-(2-Aminobenzylidene)-1,2,3,4-t...	302	C20H18N2O	1000110-40-2	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
Data File : BF079553.D
Acq On : 28 May 2015 19:31
Operator : TP/IZ
Sample : G2408-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-25D

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.67	3.8	ng	80310	1	6.96	420808	20.0
unknown6.68	6.68	57.0	ng	1199880	1	6.96	420808	20.0
Phenanthrene, 1-m...	13.17	5.6	ng	195513	4	12.54	699885	20.0
Phenanthrene, 2-m...	13.20	4.8	ng	169094	4	12.54	699885	20.0
4H-Cyclopenta[def...	13.29	19.3	ng	674485	4	12.54	699885	20.0
5,16[1',2']:8,13[...	13.54	2.9	ng	102446	4	12.54	699885	20.0
Phenanthrene, 2,5...	13.85	3.4	ng	117682	4	12.54	699885	20.0
unknown13.89	13.89	3.9	ng	137268	4	12.54	699885	20.0
1,2,4,8-Tetrameth...	13.95	4.2	ng	148205	4	12.54	699885	20.0
Benzo[b]naphtho[2...	15.71	3.6	ng	365724	5	15.82	2045160	20.0
Squalene	16.99	7.3	ng	292472	6	17.57	806190	20.0
1,2:7,8-Dibenzoph...	19.03	6.2	ng	250995	6	17.57	806190	20.0
3,4:8,9-Dibenzopy...	21.18	7.0	ng	283850	6	17.57	806190	20.0