

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078432.D
 Acq On : 11 Apr 2015 9:23
 Operator : TP/IZ
 Sample : G1841-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-2

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.024	10	12	14	rVB	236206	279102	3.73%	0.278%
2	1.618	63	64	79	rVB	470504	760063	10.15%	0.757%
3	5.116	368	370	379	rBV	540401	658995	8.80%	0.656%
4	6.464	485	488	490	rBV	617778	719354	9.61%	0.716%
5	6.579	495	498	500	rBV	583936	736110	9.83%	0.733%
6	6.864	521	523	525	rBV	199242	229105	3.06%	0.228%
7	7.047	537	539	541	rBV	594284	565982	7.56%	0.563%
8	7.562	581	584	587	rBV	498137	448711	5.99%	0.447%
9	8.442	658	661	662	rBV	332925	349593	4.67%	0.348%
10	9.790	776	779	781	rVB	718504	986914	13.18%	0.982%
11	10.099	803	806	808	rBV	133693	230816	3.08%	0.230%
12	10.190	811	814	815	rBV	270233	323733	4.32%	0.322%
13	10.419	832	834	837	rBV	518654	554816	7.41%	0.552%
14	10.602	847	850	851	rBV	361129	499355	6.67%	0.497%
15	10.636	851	853	855	rVV	589762	526442	7.03%	0.524%
16	10.853	869	872	875	rVB2	479309	581370	7.77%	0.579%
17	11.116	892	895	897	rBV	102829	232119	3.10%	0.231%
18	11.276	907	909	911	rVB	665364	743866	9.94%	0.741%
19	11.356	911	916	917	rBV2	115008	271075	3.62%	0.270%
20	11.471	924	926	930	rVB2	310813	490579	6.55%	0.488%
21	11.573	933	935	938	rVB	991065	1122978	15.00%	1.118%
22	11.951	966	968	970	rVV2	199000	351764	4.70%	0.350%
23	12.122	981	983	987	rVV3	266530	586503	7.83%	0.584%
24	12.191	987	989	992	rVV	498478	581934	7.77%	0.579%
25	12.259	992	995	996	rVV	319131	381106	5.09%	0.379%
26	12.293	996	998	1001	rVV	531365	570999	7.63%	0.568%
27	12.465	1010	1013	1015	rVB	4168277	6989632	93.36%	6.958%
28	12.522	1015	1018	1020	rVB	1976823	1986988	26.54%	1.978%
29	12.728	1034	1036	1038	rBV	400985	435972	5.82%	0.434%
30	12.808	1042	1043	1045	rBV2	167405	232110	3.10%	0.231%
31	12.934	1051	1054	1057	rVB2	109073	245021	3.27%	0.244%
32	13.048	1062	1064	1066	rVV	797010	1114030	14.88%	1.109%
33	13.094	1066	1068	1070	rVB	1103960	1471229	19.65%	1.465%
34	13.151	1070	1073	1074	rBV	451829	659185	8.81%	0.656%

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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-BF040115.M
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35	13.185	1074	1076	1077	rVV	1330640	1558875	20.82%	1.552%
36	13.219	1077	1079	1081	rVB	637541	806694	10.78%	0.803%
37	13.288	1082	1085	1087	rBV3	135800	289669	3.87%	0.288%
38	13.425	1095	1097	1099	rBV	598105	1050045	14.03%	1.045%
39	13.459	1099	1100	1102	rVB	455743	322782	4.31%	0.321%
40	13.608	1109	1113	1115	rBV2	224915	403523	5.39%	0.402%
41	13.734	1121	1124	1126	rBV	481685	817484	10.92%	0.814%
42	13.779	1126	1128	1129	rVV	258996	383142	5.12%	0.381%
43	13.836	1132	1133	1138	rVB2	553066	830442	11.09%	0.827%
44	13.939	1138	1142	1146	rBV	4456235	7406048	98.93%	7.373%
45	14.008	1146	1148	1149	rBV	264530	318386	4.25%	0.317%
46	14.042	1149	1151	1154	rVB	339019	438439	5.86%	0.436%
47	14.099	1154	1156	1159	rBV2	421642	695997	9.30%	0.693%
48	14.214	1162	1166	1168	rBV2	4209750	7486371	100.00%	7.453%
49	14.271	1168	1171	1172	rBV	338201	331471	4.43%	0.330%
50	14.362	1176	1179	1180	rBV	555074	560230	7.48%	0.558%
51	14.419	1180	1184	1186	rVB2	1172636	1491479	19.92%	1.485%
52	14.488	1186	1190	1192	rBV2	496945	897942	11.99%	0.894%
53	14.591	1196	1199	1200	rBV	432041	753770	10.07%	0.750%
54	14.614	1200	1201	1203	rVB	632091	657456	8.78%	0.655%
55	14.694	1206	1208	1210	rBV3	178431	260630	3.48%	0.259%
56	14.739	1210	1212	1214	rBV2	782172	1037194	13.85%	1.033%
57	14.854	1220	1222	1223	rVB	417511	388209	5.19%	0.386%
58	14.888	1223	1225	1227	rBV	311671	368827	4.93%	0.367%
59	15.128	1241	1246	1247	rBV4	120057	416201	5.56%	0.414%
60	15.242	1254	1256	1259	rVB	657508	900096	12.02%	0.896%
61	15.379	1265	1268	1270	rBV	712996	956954	12.78%	0.953%
62	15.414	1270	1271	1274	rVV2	543272	1039909	13.89%	1.035%
63	15.471	1274	1276	1278	rVB2	277714	395886	5.29%	0.394%
64	15.517	1278	1280	1282	rVB	768732	1003359	13.40%	0.999%
65	15.574	1282	1285	1286	rBV2	232844	434052	5.80%	0.432%
66	15.688	1291	1295	1297	rBV	2412072	4971727	66.41%	4.949%
67	15.734	1297	1299	1304	rVB2	2287564	4179291	55.83%	4.161%
68	15.825	1304	1307	1308	rVB2	346105	507441	6.78%	0.505%
69	15.871	1308	1311	1313	rBV3	245419	371861	4.97%	0.370%
70	15.951	1316	1318	1320	rVB	440887	500180	6.68%	0.498%
71	15.997	1320	1322	1323	rBV	340546	456494	6.10%	0.454%

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72	16.134	1332	1334	1336	rVV2	225760	380185	5.08%	0.378%
73	16.191	1336	1339	1341	rVV	768515	1115371	14.90%	1.110%
74	16.225	1341	1342	1345	rVV	370065	502218	6.71%	0.500%
75	16.305	1347	1349	1350	rVV	267216	353559	4.72%	0.352%
76	16.340	1350	1352	1355	rVV	272495	508504	6.79%	0.506%
77	16.397	1355	1357	1359	rVV3	159552	300950	4.02%	0.300%
78	16.442	1359	1361	1364	rVB	229583	330645	4.42%	0.329%
79	16.580	1370	1373	1375	rBV3	206215	395745	5.29%	0.394%
80	16.774	1387	1390	1393	rBV3	185521	517256	6.91%	0.515%
81	16.980	1403	1408	1412	rBV	2093266	5638670	75.32%	5.613%
82	17.071	1412	1416	1418	rVB2	526069	878158	11.73%	0.874%
83	17.197	1423	1427	1430	rBV3	185748	593085	7.92%	0.590%
84	17.277	1430	1434	1436	rVV	1269447	2278383	30.43%	2.268%
85	17.334	1436	1439	1442	rVV	2023469	3019221	40.33%	3.006%
86	17.391	1442	1444	1445	rVV	356675	622845	8.32%	0.620%
87	17.414	1445	1446	1452	rVV2	778301	1083849	14.48%	1.079%
88	17.551	1455	1458	1461	rBV2	155530	430541	5.75%	0.429%
89	17.677	1465	1469	1470	rBV2	147244	359834	4.81%	0.358%
90	18.180	1510	1513	1518	rVB2	120861	250173	3.34%	0.249%
91	18.271	1518	1521	1523	rBV3	124316	234407	3.13%	0.233%
92	18.351	1523	1528	1534	rVB6	216263	875376	11.69%	0.871%
93	18.477	1536	1539	1547	rVB3	285390	814242	10.88%	0.811%
94	18.637	1548	1553	1556	rVB2	926276	2052987	27.42%	2.044%
95	18.774	1562	1565	1567	rBV	292925	607599	8.12%	0.605%
96	18.820	1567	1569	1571	rVB	210097	314988	4.21%	0.314%
97	18.991	1579	1584	1588	rVB	735410	1472492	19.67%	1.466%
98	19.163	1597	1599	1607	rVB2	248206	590457	7.89%	0.588%
99	20.786	1736	1741	1747	rVB	262125	893861	11.94%	0.890%
100	20.934	1750	1754	1757	rBV	140824	429726	5.74%	0.428%

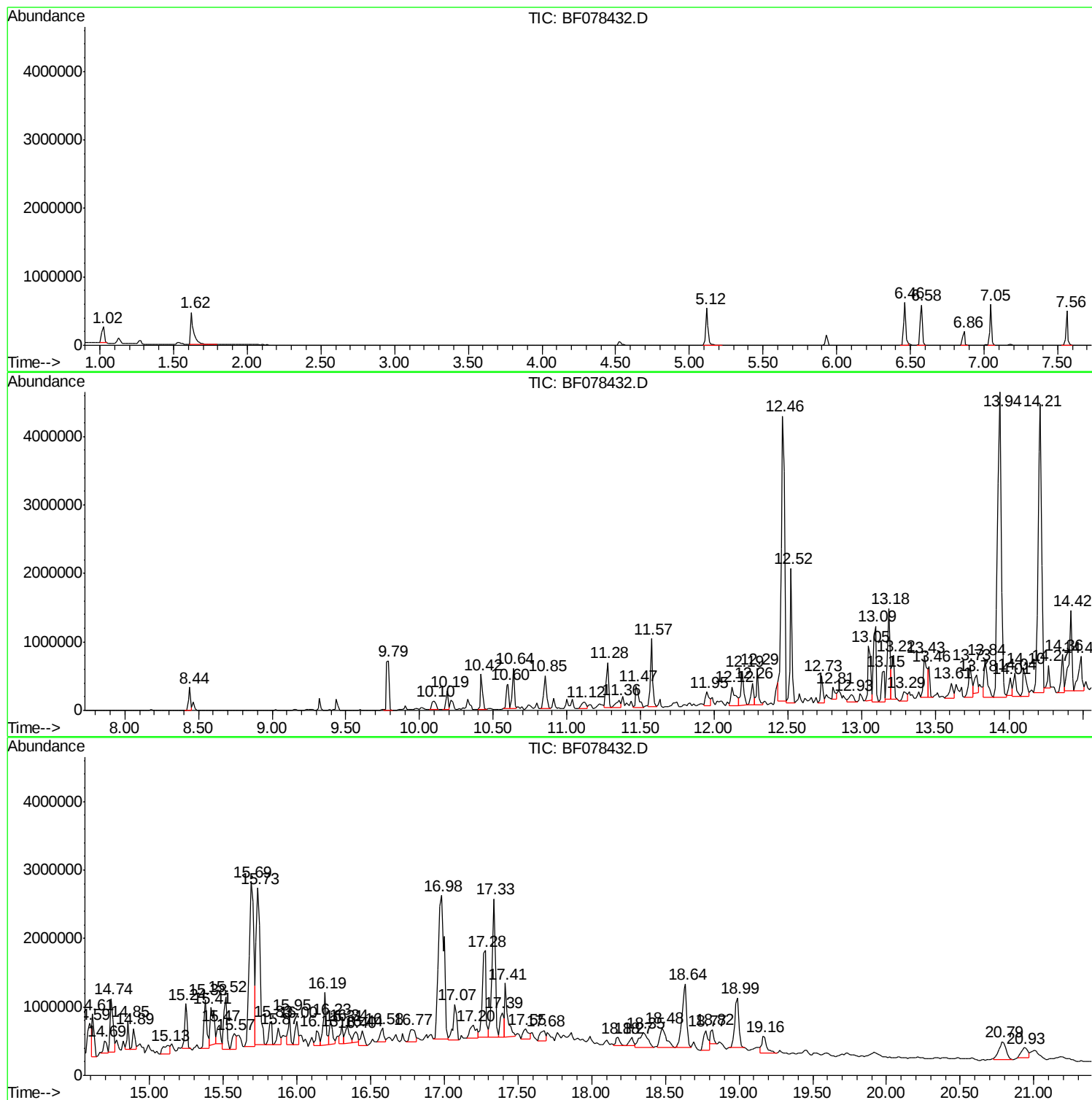
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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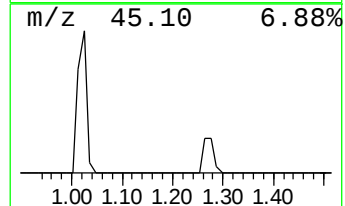
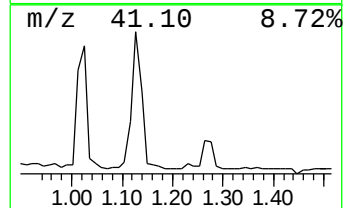
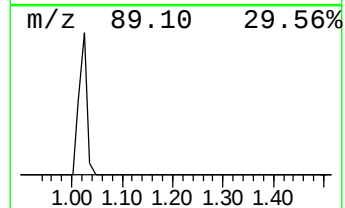
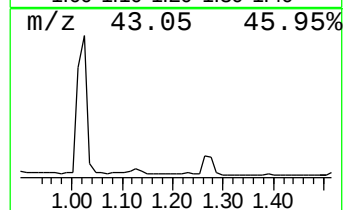
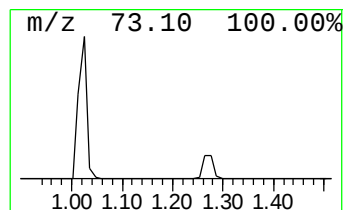
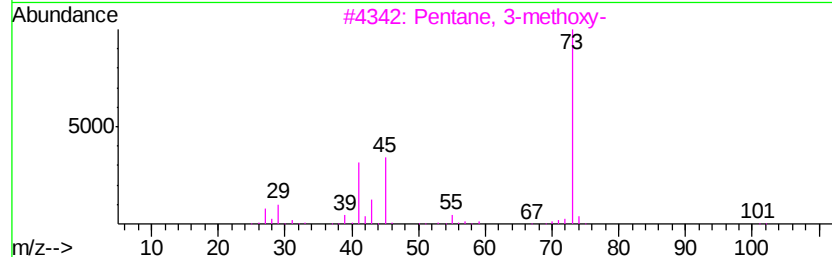
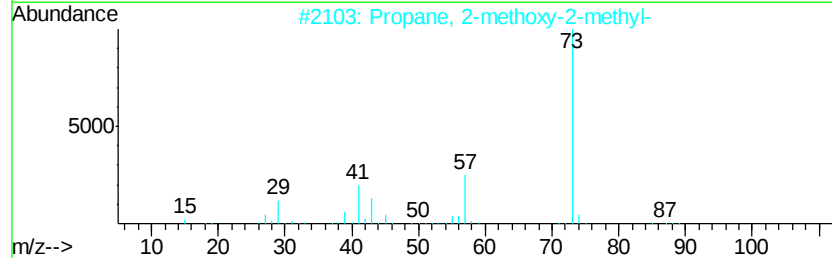
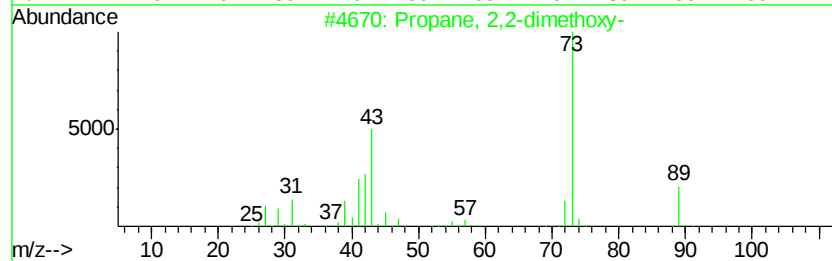
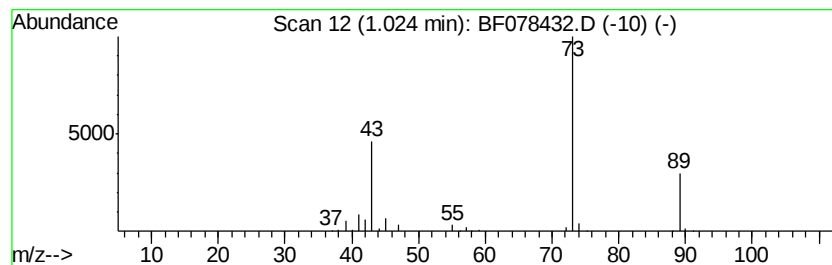
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.02	24.36 ng	279102	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	36
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5		N-Ethylformamide	73	C3H7NO	000627-45-2	5



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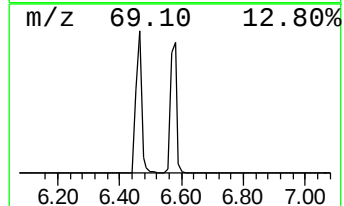
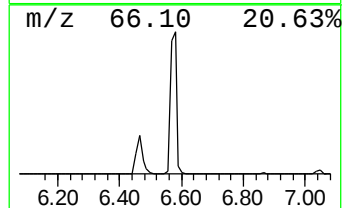
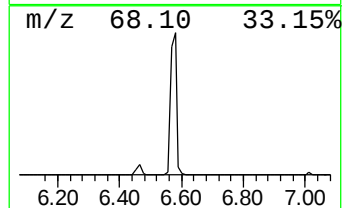
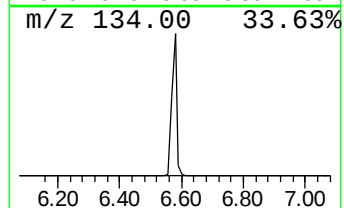
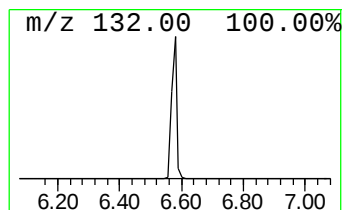
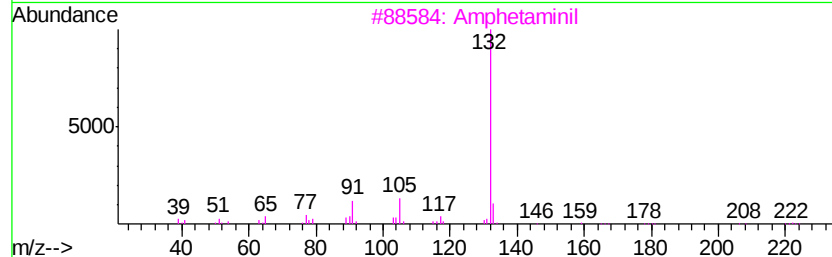
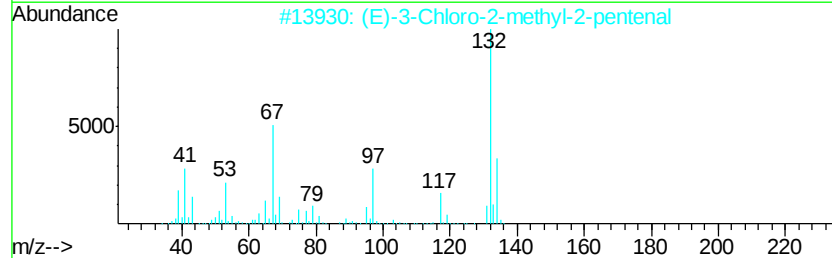
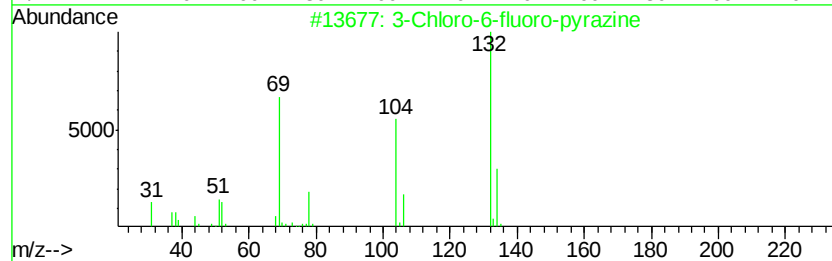
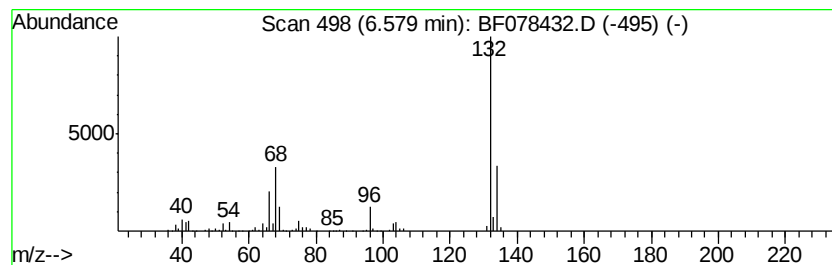
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	64.26 ng	736110	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



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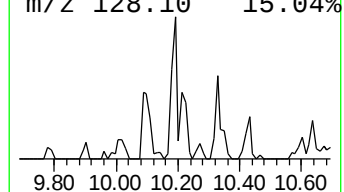
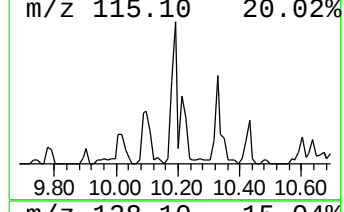
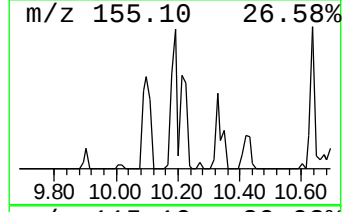
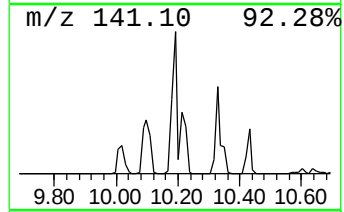
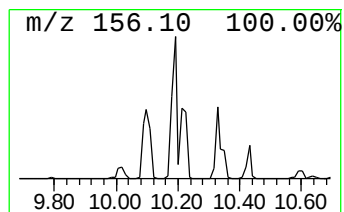
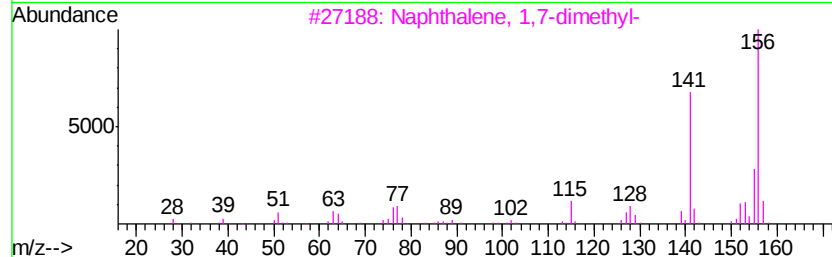
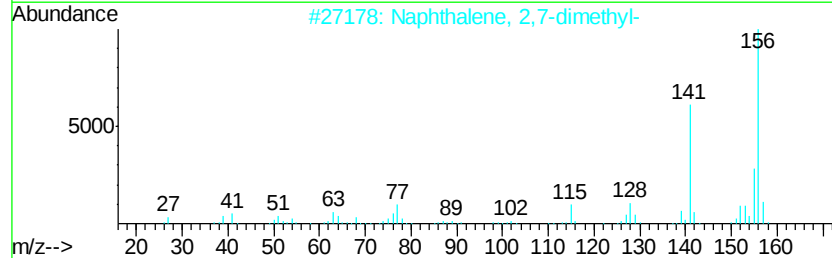
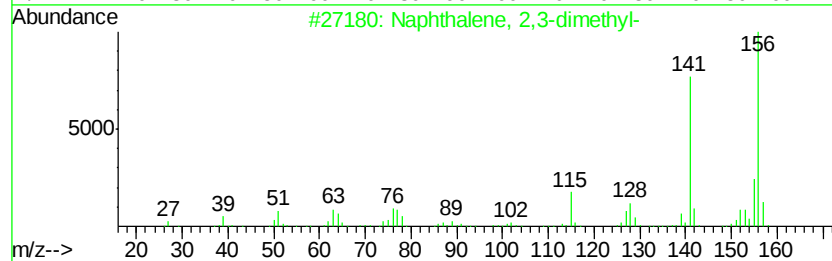
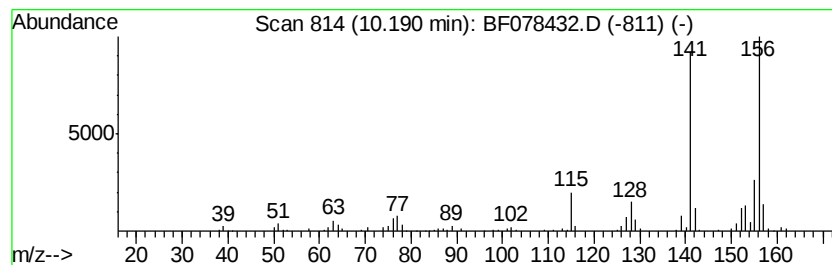
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	12.97 ng	323733	Acenaphthene-d10	10.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078432.D
Acq On : 11 Apr 2015 9:23
Operator : TP/IZ
Sample : G1841-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-2

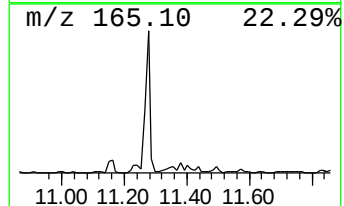
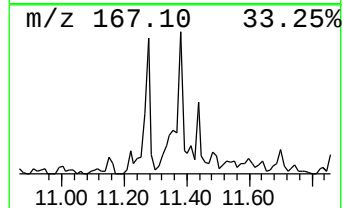
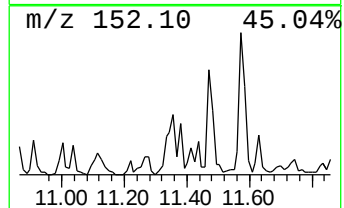
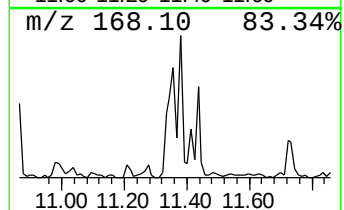
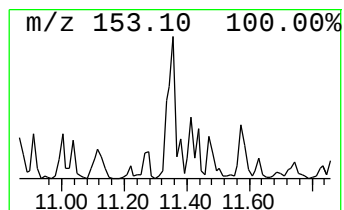
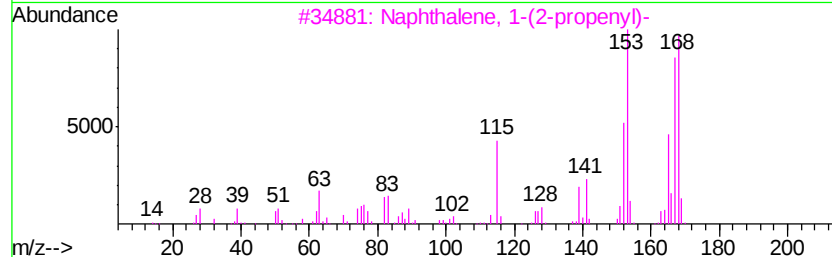
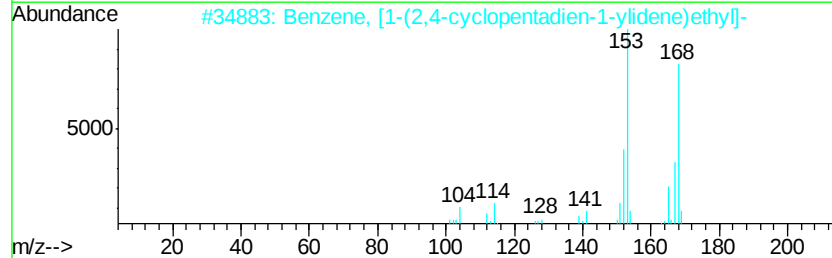
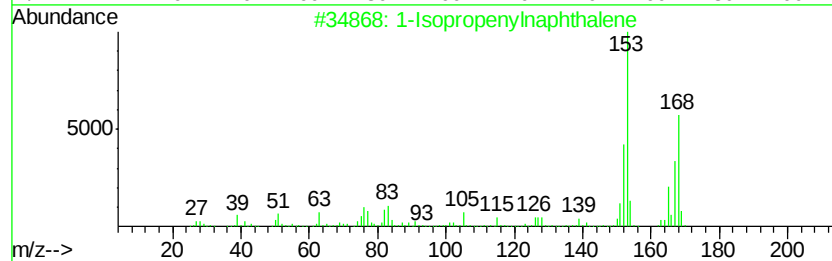
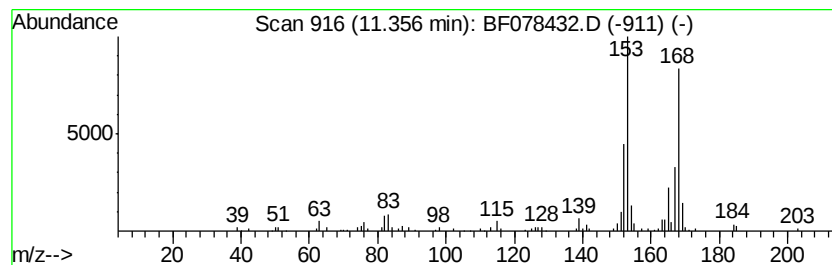
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	10.86 ng	271075	Acenaphthene-d10	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
3		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
4		1-Cyclohexene-1-ethanol, 2,6,6-t...	168	C11H20O	000472-65-1	50
5		1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078432.D
Acq On : 11 Apr 2015 9:23
Operator : TP/IZ
Sample : G1841-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-2

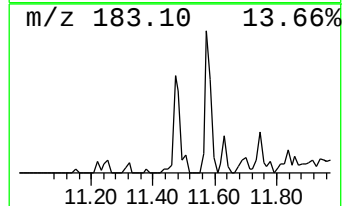
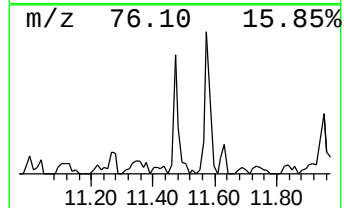
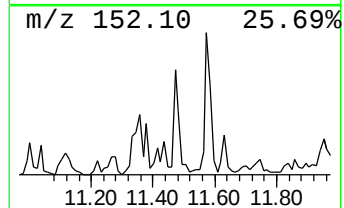
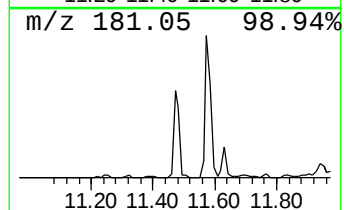
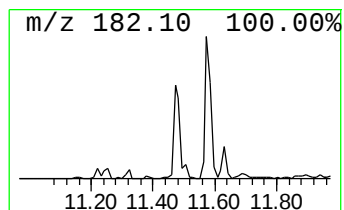
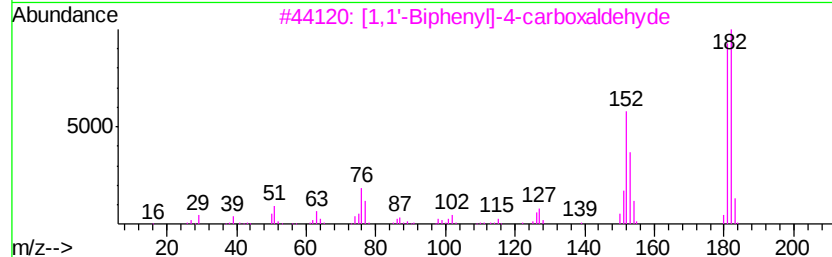
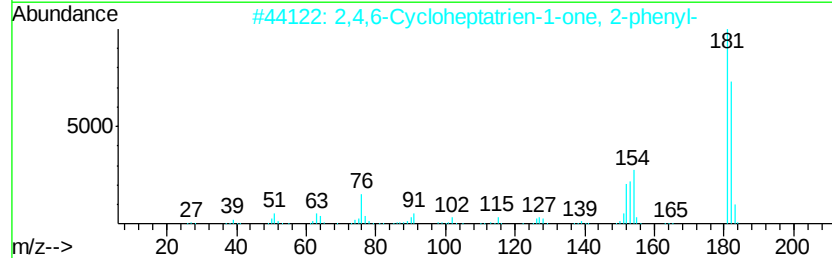
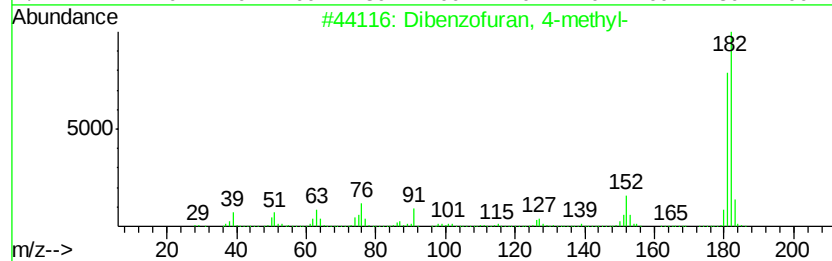
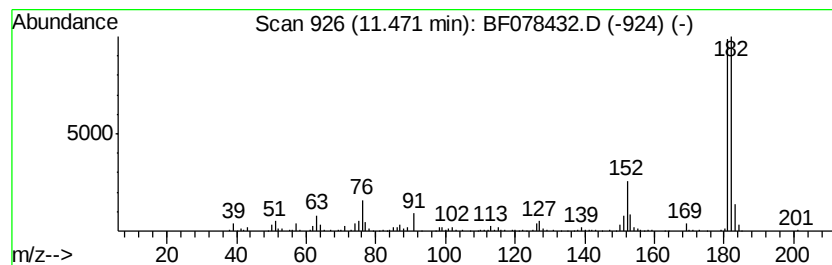
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	19.65 ng	490579	Acenaphthene-d10	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	86
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078432.D
Acq On : 11 Apr 2015 9:23
Operator : TP/IZ
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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BNA_F
ClientSampled :
EP-2

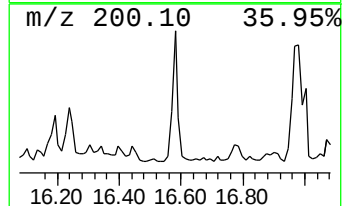
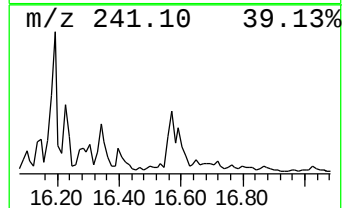
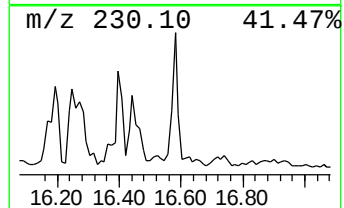
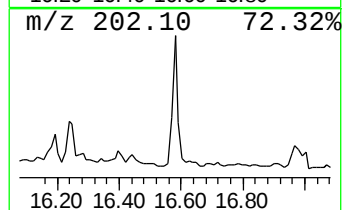
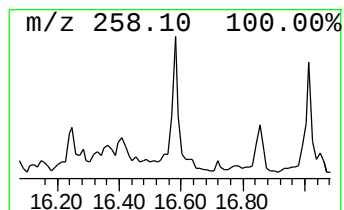
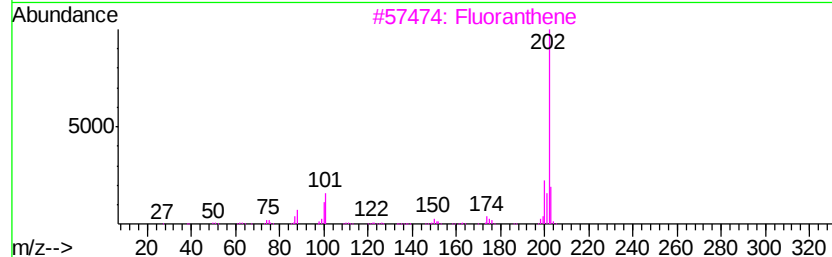
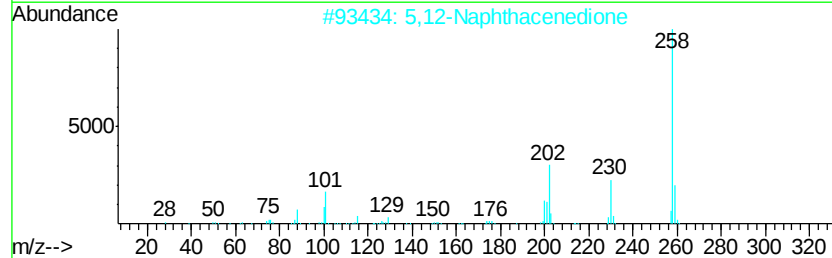
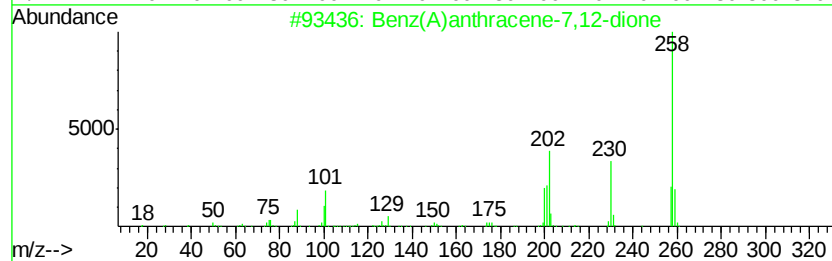
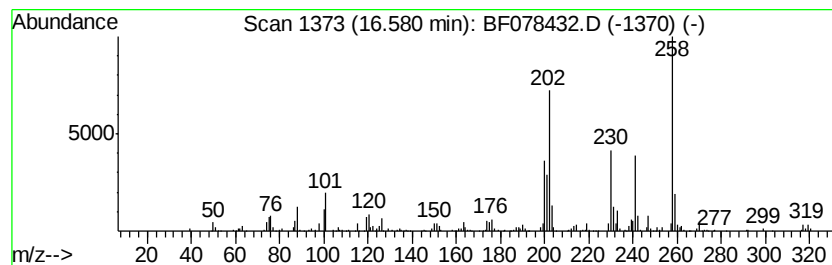
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benz(A)anthracene-7,12-dione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	12.71 ng	395745	Perylene-d12	17.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	94
2		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
3		Fluoranthene	202	C16H10	000206-44-0	40
4		Benzoic acid, 4,4'-oxybis-	258	C14H10O5	002215-89-6	35
5		5,7-Dimethyl-6-phenyl-1,3-diazaa...	258	C16H22N2O	1000216-37-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
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Acq On : 11 Apr 2015 9:23
Operator : TP/IZ
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Misc :
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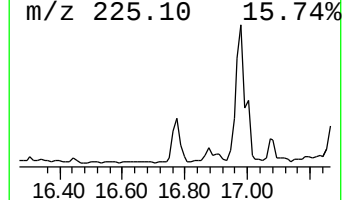
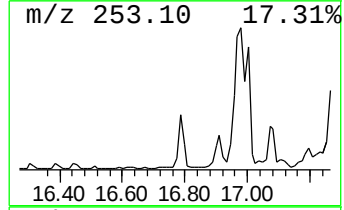
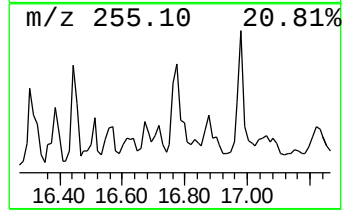
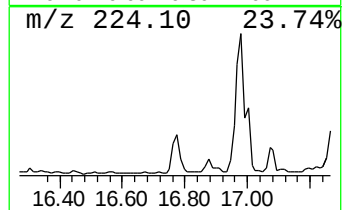
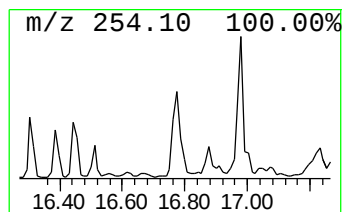
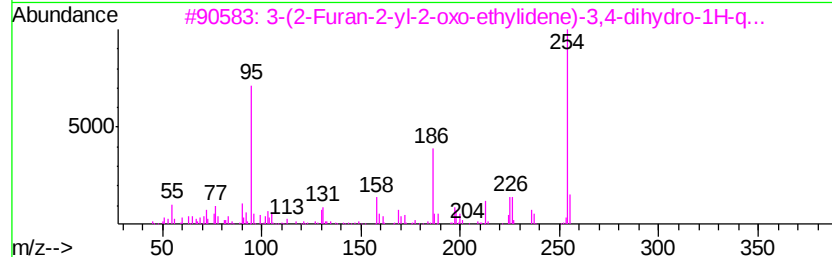
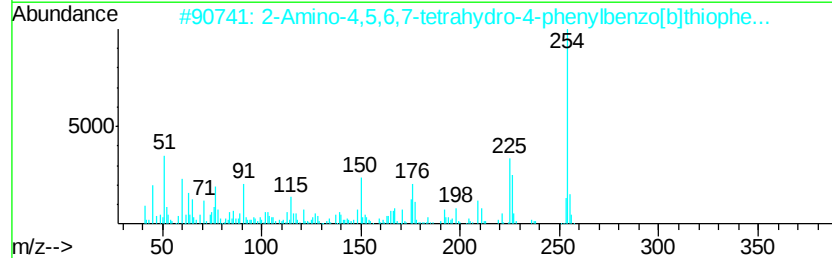
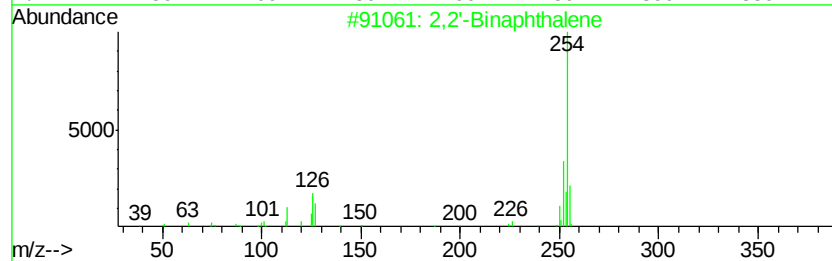
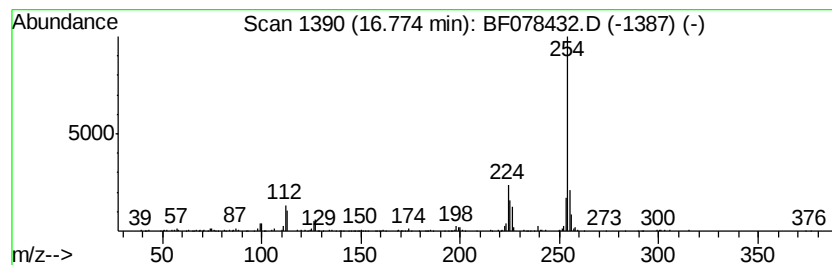
Instrument :
BNA_F
ClientSampleId :
EP-2

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

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

Peak Number 9 2,2'-Binaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	16.61 ng	517256	Perylene-d12	17.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,2'-Binaphthalene	254 C20H14	000612-78-2	59
2	2-Amino-4,5,6,7-tetrahydro-4-phe...	254 C15H14N2S	037071-22-0	53
3	3-(2-Furan-2-yl-2-oxo-ethylidene...	254 C14H10N2O3	1000297-32-1	53
4	Phenanthrene, 2-phenyl-	254 C20H14	004325-77-3	53
5	Chrysin	254 C15H10O4	000480-40-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
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Misc :
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Instrument :
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ClientSampleId :
EP-2

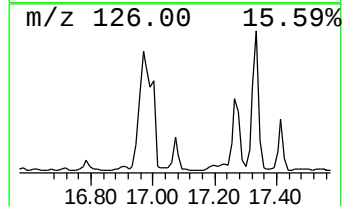
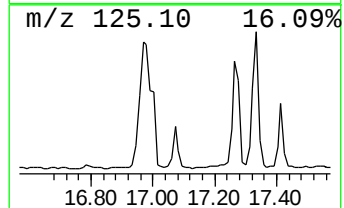
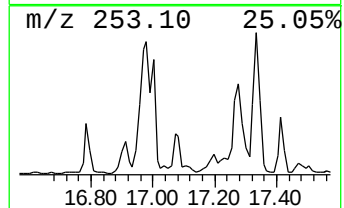
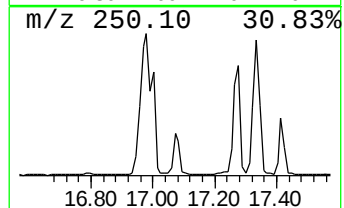
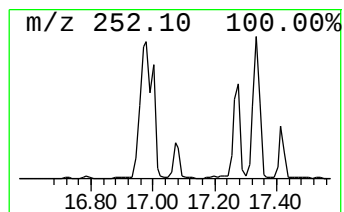
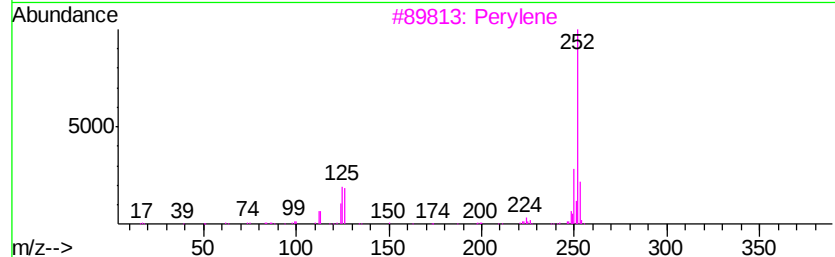
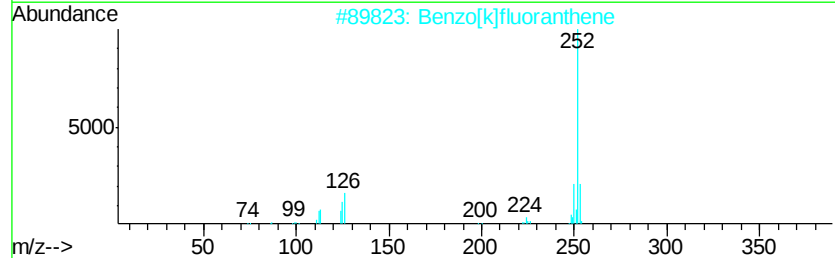
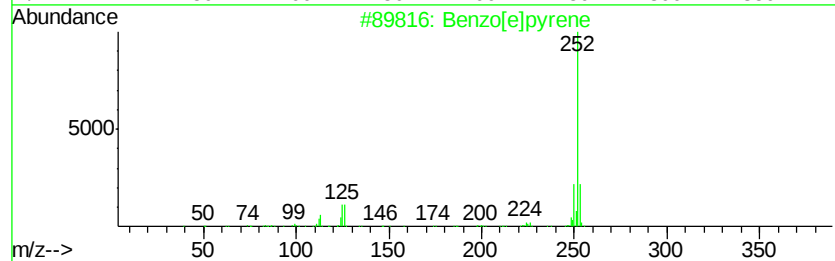
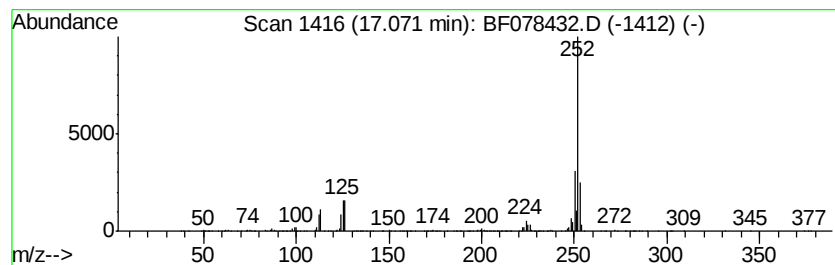
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	28.20 ng	878158	Perylene-d12	17.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Perylene	252	C20H12	000198-55-0	97
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078432.D
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Instrument :
BNA_F
ClientSampleId :
EP-2

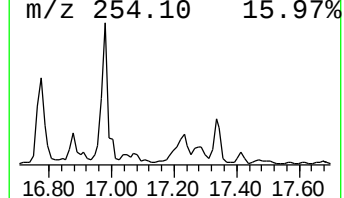
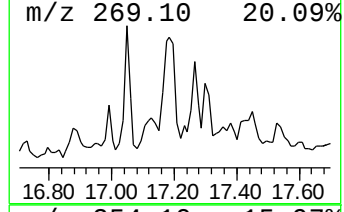
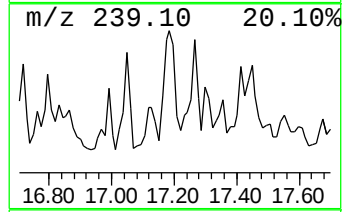
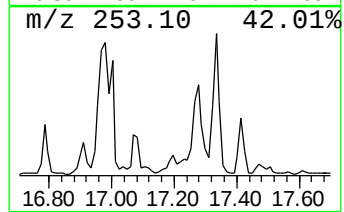
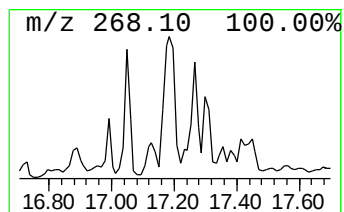
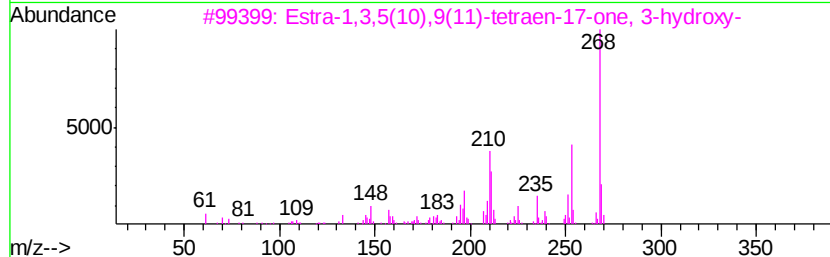
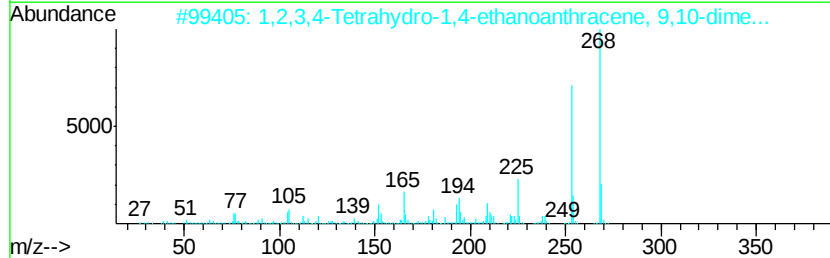
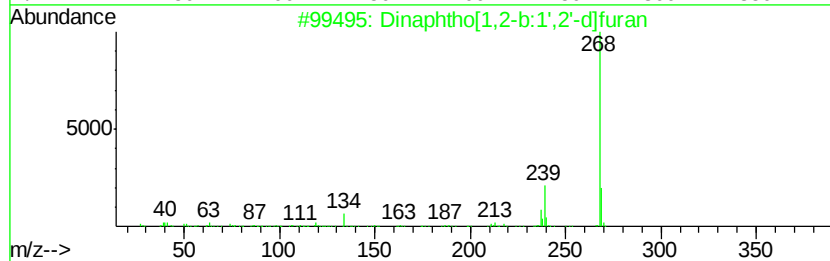
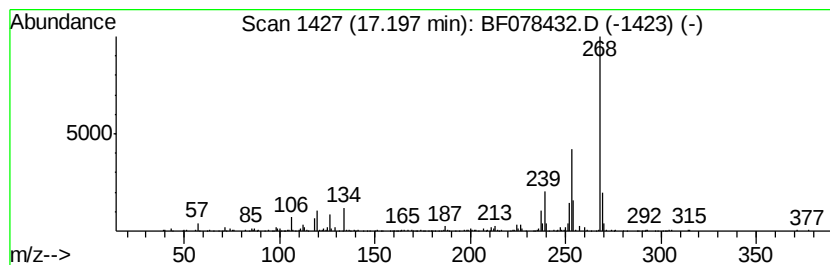
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	19.04 ng	593085	Perylene-d12	17.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	83
2		1,2,3,4-Tetrahydro-1,4-ethanoant...	268	C18H20O2	177205-54-8	59
3		Estra-1,3,5(10),9(11)-tetraen-17...	268	C18H20O2	001089-80-1	59
4		Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	58
5		trans-4,4'-Dimethoxychalcone	268	C17H16O3	041564-67-4	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078432.D
Acq On : 11 Apr 2015 9:23
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Misc :
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Instrument :
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ClientSampleId :
EP-2

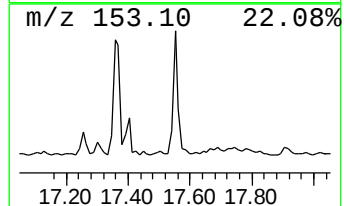
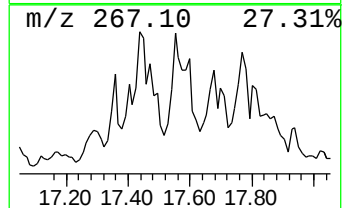
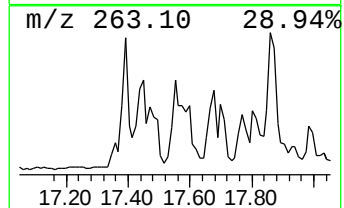
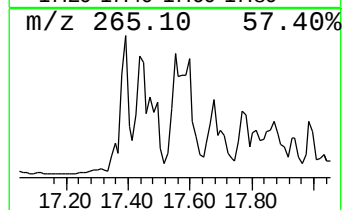
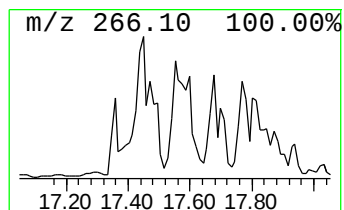
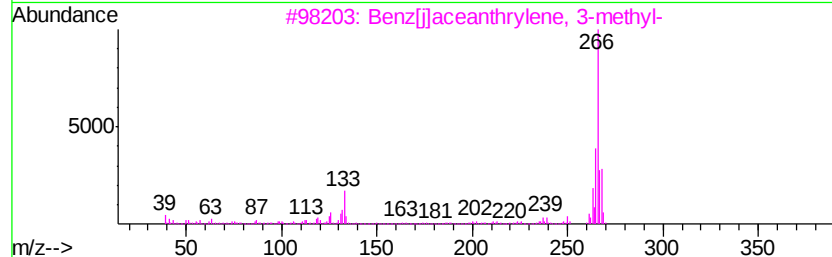
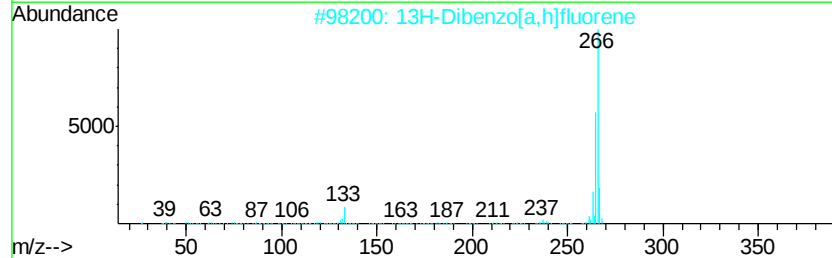
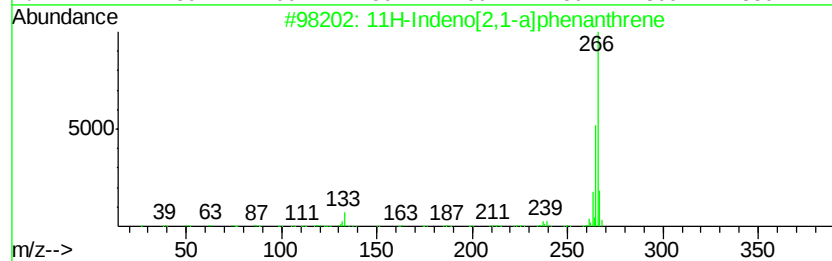
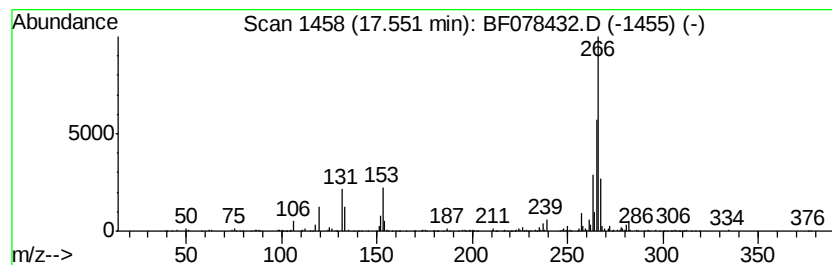
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Indeno[2,1-a]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	13.83 ng	430541	Perylene-d12	17.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	86
2		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	70
3		Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	60
4		Perylene, 3-methyl-	266	C21H14	024471-47-4	55
5		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078432.D
Acq On : 11 Apr 2015 9:23
Operator : TP/IZ
Sample : G1841-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-2

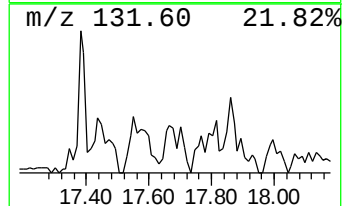
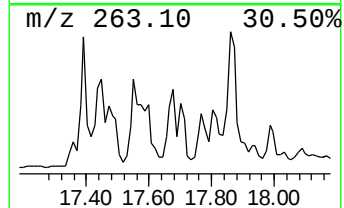
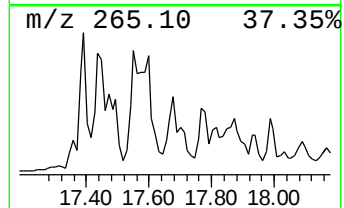
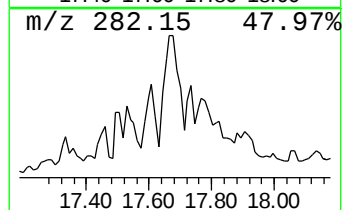
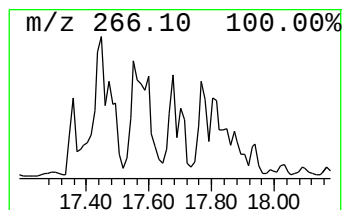
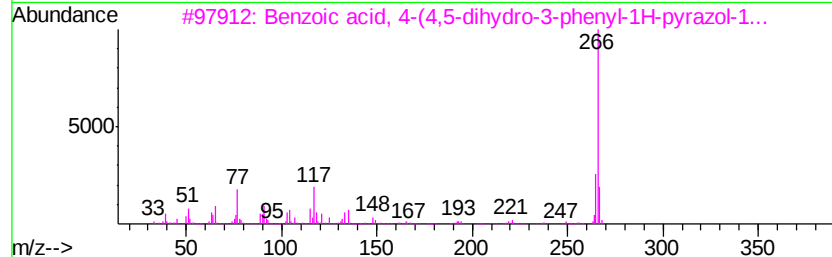
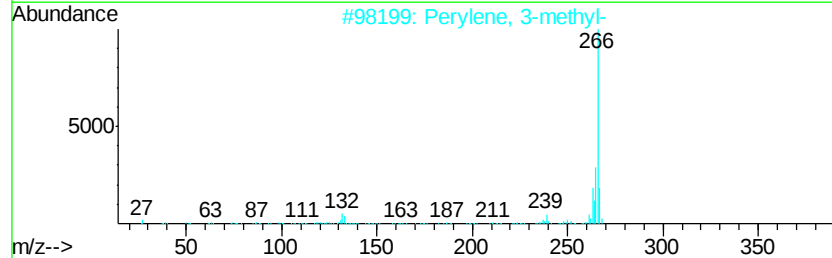
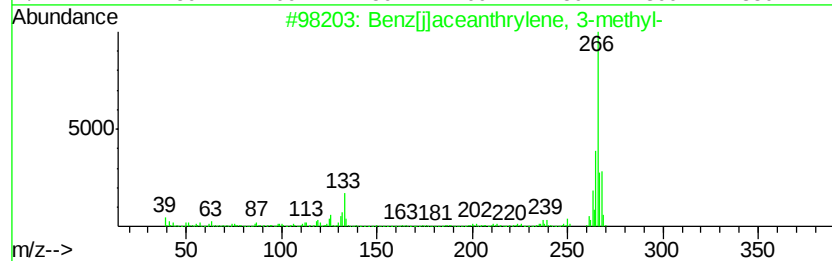
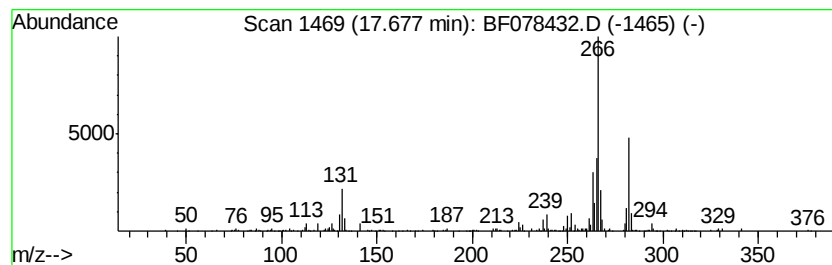
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benz[j]aceanthrylene, 3-met... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	11.55 ng	359834	Perylene-d12	17.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	60
2		Perylene, 3-methyl-	266	C21H14	024471-47-4	55
3		Benzoic acid, 4-(4,5-dihydro-3-p...	266	C16H14N2O2	026192-74-5	43
4		m-(3,4-Dichlorophenoxy)benzaldehyde	266	C13H8Cl2O2	079124-76-8	43
5		2,3-Dihydro-7-methyl-5-phenyl-1H...	266	C16H14N2S	002888-60-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078432.D
Acq On : 11 Apr 2015 9:23
Operator : TP/IZ
Sample : G1841-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-2

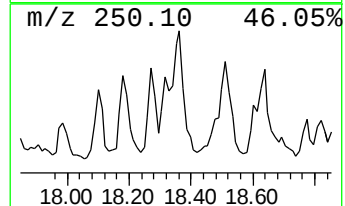
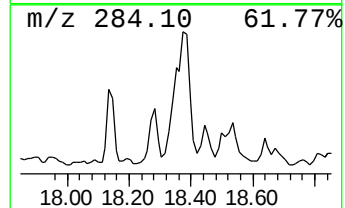
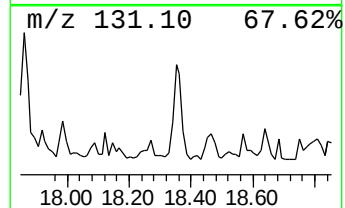
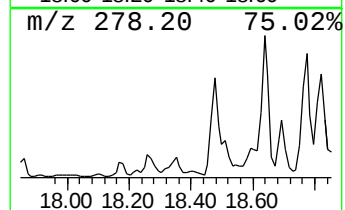
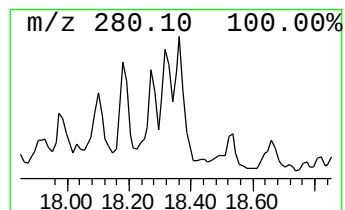
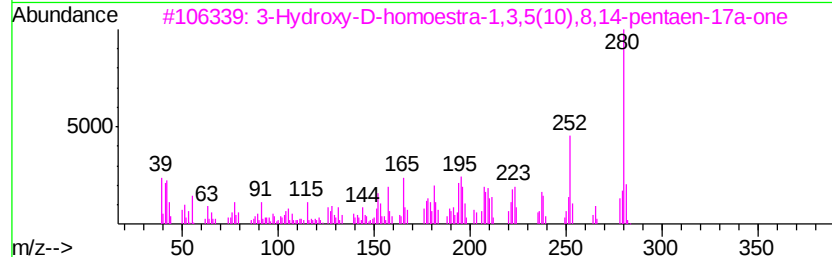
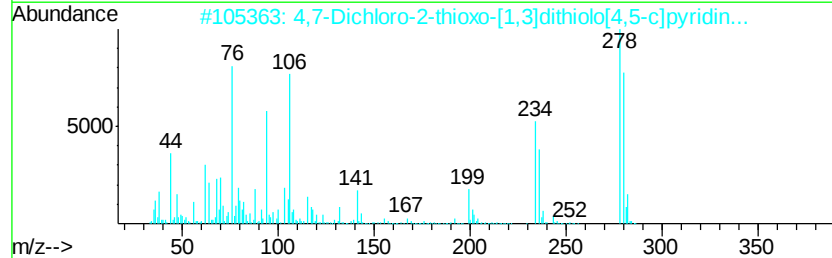
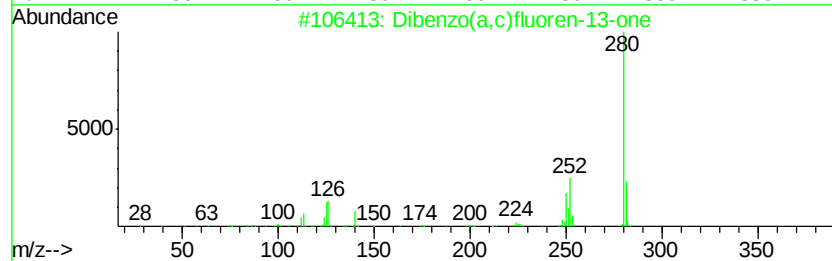
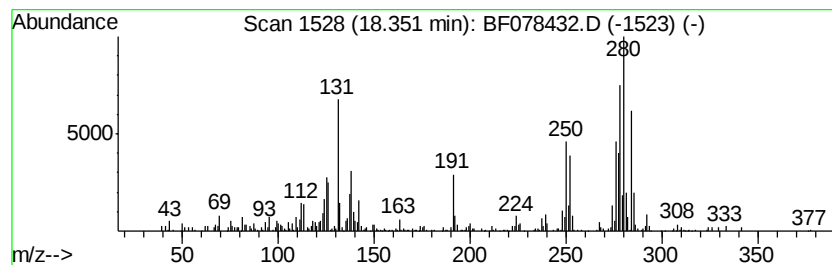
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dibenzo(a,c)fluoren-13-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	28.11 ng	875376	Perylene-d12	17.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	70
2		4,7-Dichloro-2-thioxo-[1,3]dithi...	278	C7Cl2N2S3	1000295-36-0	38
3		3-Hydroxy-D-homoestra-1,3,5(10),...	280	C19H20O2	1000215-90-6	18
4		1-(1-Trimethylsiloxyethenyl)-3-t...	280	C14H24O2Si2	126210-52-4	15
5		Benzenamine, 2-fluoro-5-nitro-N-...	278	C13H8ClFN2O2	304478-89-5	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078432.D
Acq On : 11 Apr 2015 9:23
Operator : TP/IZ
Sample : G1841-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-2

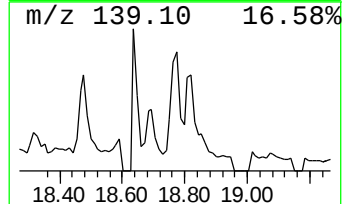
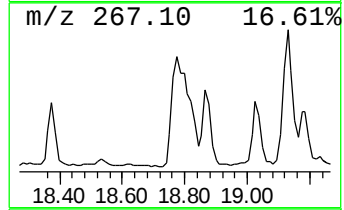
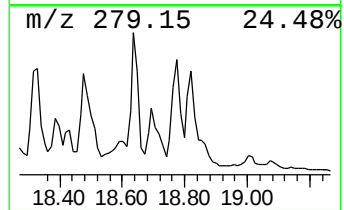
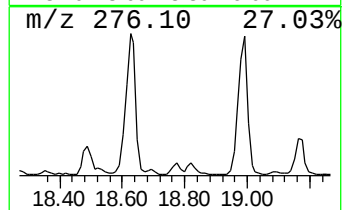
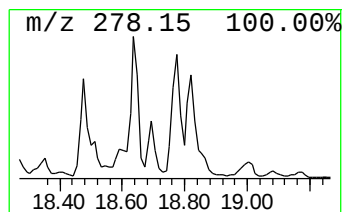
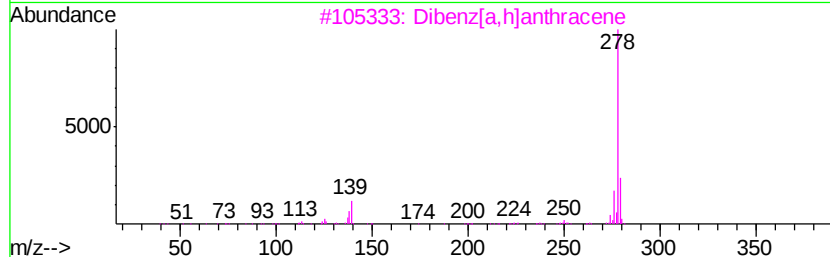
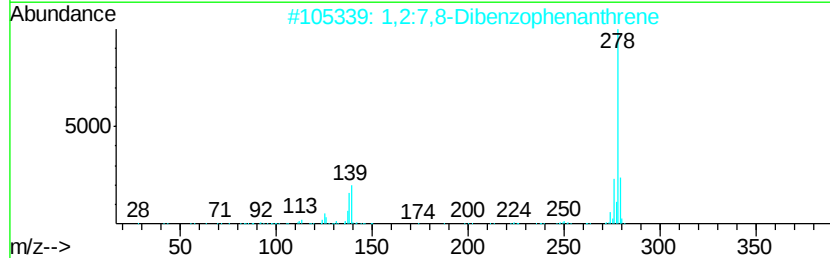
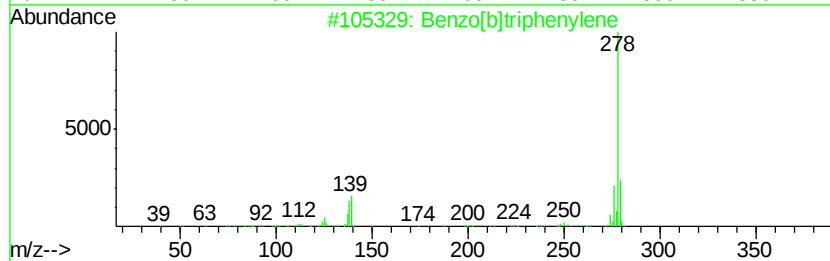
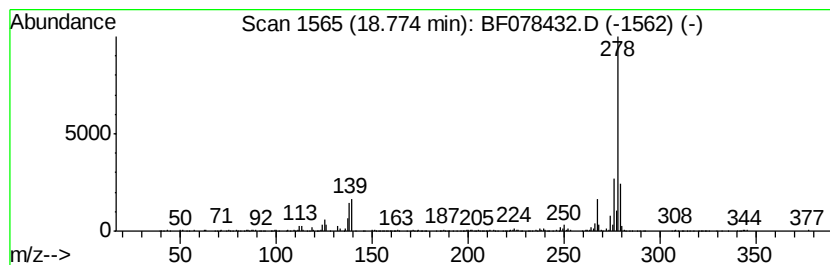
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	19.51 ng	607599	Perylene-d12	17.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4		Benzo[b]chrysene	278	C22H14	000214-17-5	93
5		Pentaphene	278	C22H14	000222-93-5	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078432.D
Acq On : 11 Apr 2015 9:23
Operator : TP/IZ
Sample : G1841-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-2

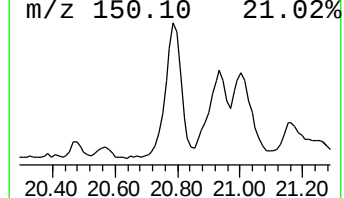
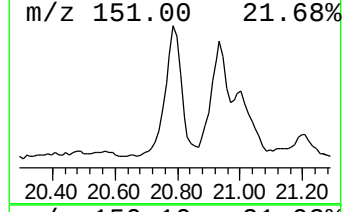
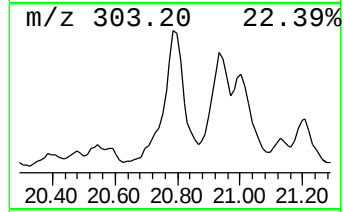
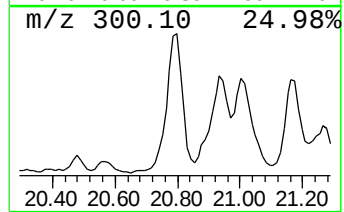
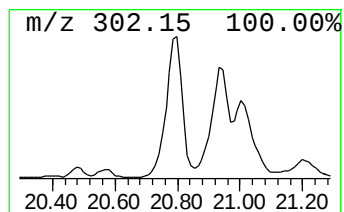
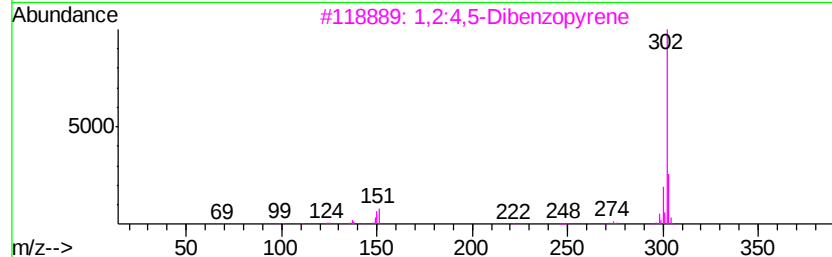
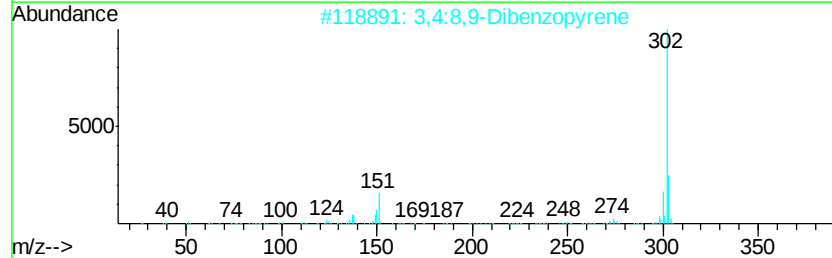
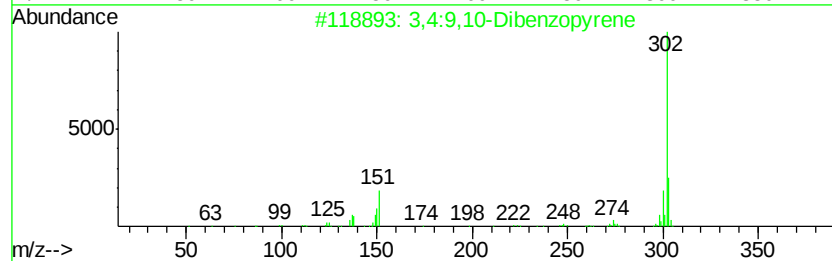
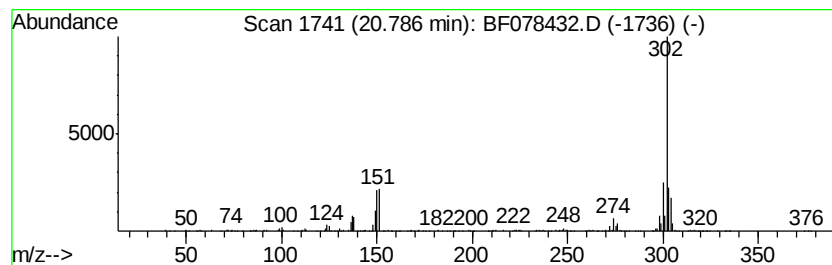
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,4:9,10-Dibenzopyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	28.70 ng	893861	Perylene-d12	17.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	97
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078432.D
Acq On : 11 Apr 2015 9:23
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Sample : G1841-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-2

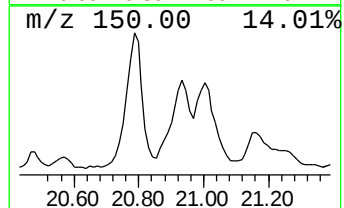
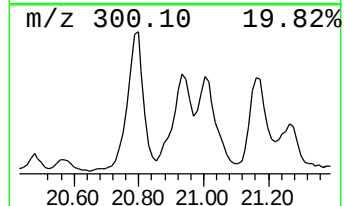
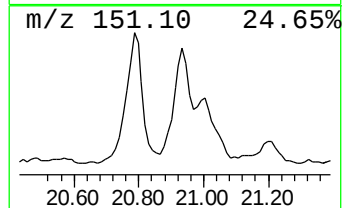
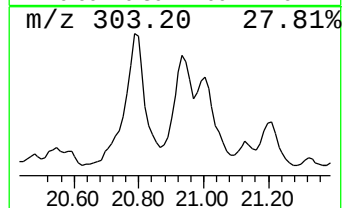
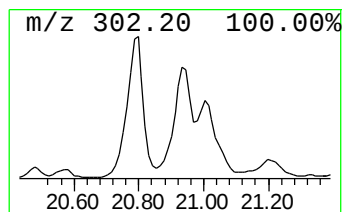
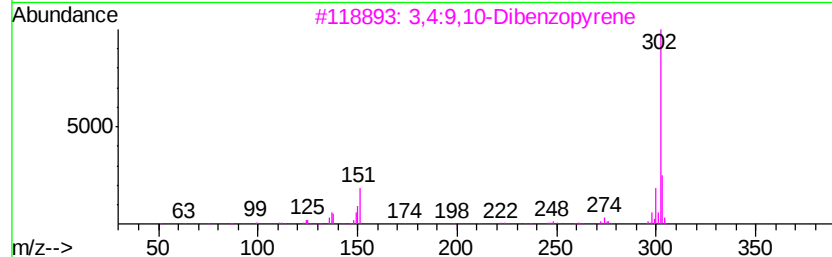
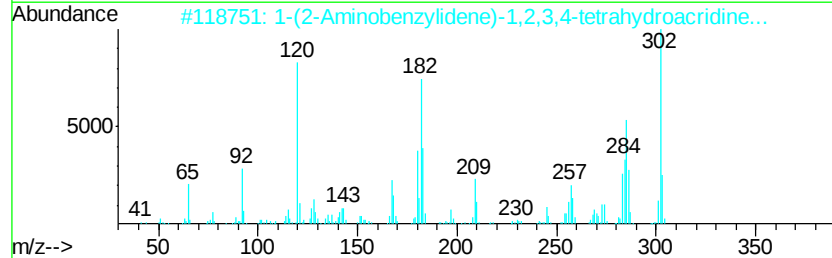
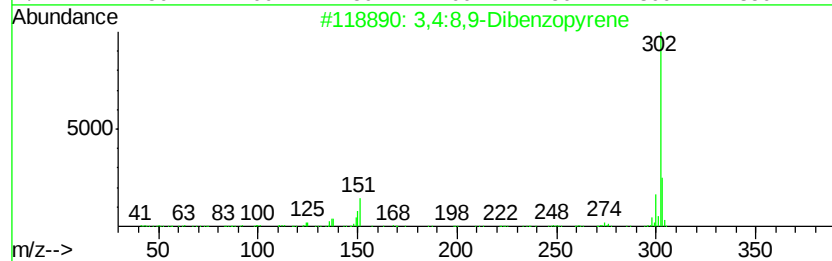
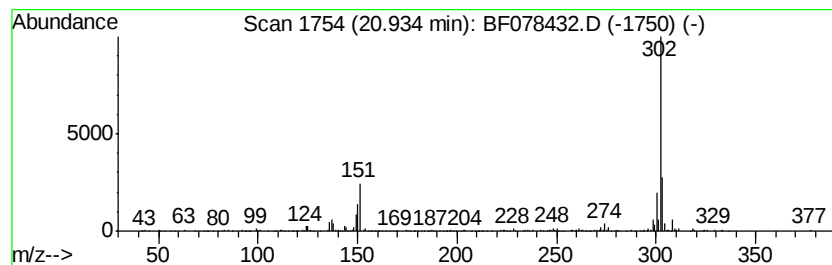
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	13.80 ng	429726	Perylene-d12	17.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
2		1-(2-Aminobenzylidene)-1,2,3,4-t...	302	C20H18N2O	1000110-40-2	95
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
4		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	93
5		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078432.D
 Acq On : 11 Apr 2015 9:23
 Operator : TP/IZ
 Sample : G1841-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-2

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.58	6.58	64.3	ng	736110	1	6.86	229105	20.0
Naphthalene, 2,3-...	10.19	13.0	ng	323733	3	10.59	499355	20.0
1-Isopropenylnaph...	11.36	10.9	ng	271075	3	10.59	499355	20.0
Dibenzofuran, 4-m...	11.47	19.6	ng	490579	3	10.59	499355	20.0
Benz(A)anthracene...	16.58	12.7	ng	395745	6	17.39	622845	20.0
2,2'-Binaphthalene	16.77	16.6	ng	517256	6	17.39	622845	20.0
Benzo[e]pyrene	17.07	28.2	ng	878158	6	17.39	622845	20.0
Dinaphtho[1,2-b:1...	17.20	19.0	ng	593085	6	17.39	622845	20.0
11H-Indeno[2,1-a]...	17.55	13.8	ng	430541	6	17.39	622845	20.0
Benz[j]aceanthryl...	17.68	11.6	ng	359834	6	17.39	622845	20.0
Dibenzo(a,c)fluor...	18.35	28.1	ng	875376	6	17.39	622845	20.0
Benzo[b]triphenylene	18.77	19.5	ng	607599	6	17.39	622845	20.0
3,4:9,10-Dibenzop...	20.79	28.7	ng	893861	6	17.39	622845	20.0
3,4:8,9-Dibenzopy...	20.93	13.8	ng	429726	6	17.39	622845	20.0