

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077330.D
 Acq On : 17 Feb 2015 23:20
 Operator : TP/IZ
 Sample : G1299-02 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP2

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-BF021715.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	9	12	15	rVB	548816	771942	6.62%	0.536%
2	1.538	54	57	59	rBV	687866	862280	7.40%	0.599%
3	7.379	565	568	570	rBV	305905	313088	2.69%	0.218%
4	8.956	704	706	707	rBV	480924	534585	4.59%	0.371%
5	8.979	707	708	710	rVB	1809700	1589157	13.63%	1.104%
6	9.836	781	783	785	rBV	712471	784383	6.73%	0.545%
7	9.962	791	794	796	rBV	765239	678167	5.82%	0.471%
8	10.293	821	823	826	rBV	255225	322051	2.76%	0.224%
9	10.625	849	852	854	rBV	253225	414583	3.56%	0.288%
10	10.716	857	860	861	rBV	483852	599374	5.14%	0.416%
11	10.739	861	862	865	rVB	247480	319463	2.74%	0.222%
12	10.854	870	872	876	rVV	279987	374228	3.21%	0.260%
13	10.956	878	881	884	rBV2	286380	283587	2.43%	0.197%
14	11.128	894	896	898	rBV2	509334	629663	5.40%	0.437%
15	11.174	898	900	902	rVV	2179324	2000039	17.16%	1.390%
16	11.391	916	919	921	rVV	1415484	1459504	12.52%	1.014%
17	11.642	938	941	945	rBV2	159827	342205	2.94%	0.238%
18	11.814	954	956	958	rBV	1949866	1893406	16.24%	1.316%
19	11.894	958	963	964	rBV	335123	591302	5.07%	0.411%
20	11.916	964	965	967	rVV	278947	381678	3.27%	0.265%
21	12.019	972	974	977	rVB	379447	595964	5.11%	0.414%
22	12.111	977	982	985	rBV	639447	971488	8.33%	0.675%
23	12.499	1012	1016	1018	rBV3	445943	823978	7.07%	0.572%
24	12.694	1026	1033	1034	rBV3	208807	604379	5.18%	0.420%
25	12.739	1034	1037	1040	rVB	497851	612243	5.25%	0.425%
26	12.808	1040	1043	1045	rBV	318089	520378	4.46%	0.362%
27	12.854	1045	1047	1049	rVB	822885	864171	7.41%	0.600%
28	13.025	1055	1062	1064	rBV	7309829	11605954	99.55%	8.064%
29	13.082	1064	1067	1069	rVV	3659167	3704767	31.78%	2.574%
30	13.117	1069	1070	1073	rVV2	258294	389961	3.34%	0.271%
31	13.277	1082	1084	1086	rVV	1258873	1155821	9.91%	0.803%
32	13.391	1093	1094	1097	rVB3	246756	340628	2.92%	0.237%
33	13.608	1111	1113	1115	rVV	1472412	1884967	16.17%	1.310%
34	13.642	1115	1116	1119	rVB	1807705	2169485	18.61%	1.507%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
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35	13.700	1119	1121	1123	rBV	715134	1010907	8.67%	0.702%
36	13.745	1123	1125	1127	rVV	2379396	3252756	27.90%	2.260%
37	13.780	1127	1128	1130	rVV	1336527	988337	8.48%	0.687%
38	13.985	1144	1146	1151	rVB2	992822	1818756	15.60%	1.264%
39	14.168	1158	1162	1164	rBV	443779	634375	5.44%	0.441%
40	14.202	1164	1165	1167	rVV	296990	406989	3.49%	0.283%
41	14.305	1170	1174	1175	rBV	785334	1253392	10.75%	0.871%
42	14.340	1175	1177	1181	rVV2	577329	1203282	10.32%	0.836%
43	14.408	1181	1183	1186	rVV3	462442	895426	7.68%	0.622%
44	14.511	1188	1192	1194	rVV	6943531	10032520	86.06%	6.971%
45	14.568	1195	1197	1199	rVV2	316923	421790	3.62%	0.293%
46	14.682	1203	1207	1208	rBV2	470727	758320	6.50%	0.527%
47	14.785	1213	1216	1219	rVV2	5721156	11658139	100.00%	8.100%
48	14.842	1219	1221	1225	rVB2	469781	789108	6.77%	0.548%
49	14.934	1227	1229	1230	rBV	626323	622271	5.34%	0.432%
50	14.980	1230	1233	1236	rVB2	640217	1103503	9.47%	0.767%
51	15.060	1236	1240	1242	rBV2	612834	1249200	10.72%	0.868%
52	15.197	1247	1252	1254	rVB2	1077615	2267534	19.45%	1.575%
53	15.277	1254	1259	1261	rBV	1062298	1339923	11.49%	0.931%
54	15.323	1261	1263	1264	rVV	1075051	1283140	11.01%	0.892%
55	15.357	1264	1266	1268	rVV	255817	400639	3.44%	0.278%
56	15.437	1271	1273	1274	rVV	509922	617401	5.30%	0.429%
57	15.471	1274	1276	1278	rVV	656175	642779	5.51%	0.447%
58	15.574	1282	1285	1291	rVB5	189122	503401	4.32%	0.350%
59	15.700	1291	1296	1297	rBV3	341113	743970	6.38%	0.517%
60	15.825	1303	1307	1310	rVB2	514837	902696	7.74%	0.627%
61	15.963	1316	1319	1321	rBV	724214	1064824	9.13%	0.740%
62	16.008	1321	1323	1326	rVV2	660748	1524986	13.08%	1.060%
63	16.088	1328	1330	1333	rVB	652033	750949	6.44%	0.522%
64	16.180	1333	1338	1340	rBV2	195793	441029	3.78%	0.306%
65	16.283	1342	1347	1349	rBV2	3775802	7346859	63.02%	5.105%
66	16.328	1349	1351	1353	rVV	3764990	4565907	39.16%	3.172%
67	16.420	1355	1359	1361	rBV	899011	1196167	10.26%	0.831%
68	16.534	1366	1369	1371	rBV3	203612	333230	2.86%	0.232%
69	16.580	1371	1373	1375	rVB	321643	327778	2.81%	0.228%
70	16.694	1381	1383	1385	rBV3	169314	287272	2.46%	0.200%
71	16.740	1385	1387	1388	rBV	256022	294755	2.53%	0.205%

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72	16.786	1388	1391	1393	rBV	942509	1127510	9.67%	0.783%
73	16.831	1393	1395	1397	rVB	388694	442871	3.80%	0.308%
74	16.900	1400	1401	1403	rVB2	370168	465119	3.99%	0.323%
75	16.946	1403	1405	1406	rBV	312437	469227	4.02%	0.326%
76	17.048	1412	1414	1418	rVB2	264331	385610	3.31%	0.268%
77	17.174	1423	1425	1427	rBV	313160	477614	4.10%	0.332%
78	17.403	1441	1445	1447	rBV2	236552	593627	5.09%	0.412%
79	17.597	1458	1462	1467	rBV	3080458	7890165	67.68%	5.482%
80	17.711	1470	1472	1474	rVB	718741	835492	7.17%	0.580%
81	17.837	1478	1483	1484	rBV3	220238	525333	4.51%	0.365%
82	17.917	1487	1490	1493	rVV	1940962	3041975	26.09%	2.114%
83	17.986	1493	1496	1499	rVB	2728484	4333068	37.17%	3.011%
84	18.054	1499	1502	1503	rBV	413226	664856	5.70%	0.462%
85	18.089	1503	1505	1511	rVB2	925789	1433691	12.30%	0.996%
86	18.237	1514	1518	1521	rBV4	215670	702657	6.03%	0.488%
87	18.386	1527	1531	1533	rBV2	176313	466022	4.00%	0.324%
88	18.637	1549	1553	1556	rVB3	166436	362382	3.11%	0.252%
89	19.026	1581	1587	1591	rVB3	112213	309661	2.66%	0.215%
90	19.403	1615	1620	1624	rBV3	392930	1070598	9.18%	0.744%
91	19.597	1629	1637	1641	rVV2	1504146	4029294	34.56%	2.800%
92	19.677	1641	1644	1648	rVB	151822	300569	2.58%	0.209%
93	19.780	1648	1653	1655	rBV	357874	833934	7.15%	0.579%
94	19.837	1655	1658	1660	rVV2	350187	809806	6.95%	0.563%
95	19.883	1660	1662	1670	rVV3	157992	395873	3.40%	0.275%
96	20.054	1671	1677	1685	rVV	1238945	3407813	29.23%	2.368%
97	20.214	1685	1691	1693	rVV2	87091	333441	2.86%	0.232%
98	20.283	1693	1697	1706	rVB	427636	1228759	10.54%	0.854%
99	20.637	1724	1728	1733	rVB4	84380	286724	2.46%	0.199%
100	21.243	1776	1781	1788	rVB7	79970	380196	3.26%	0.264%

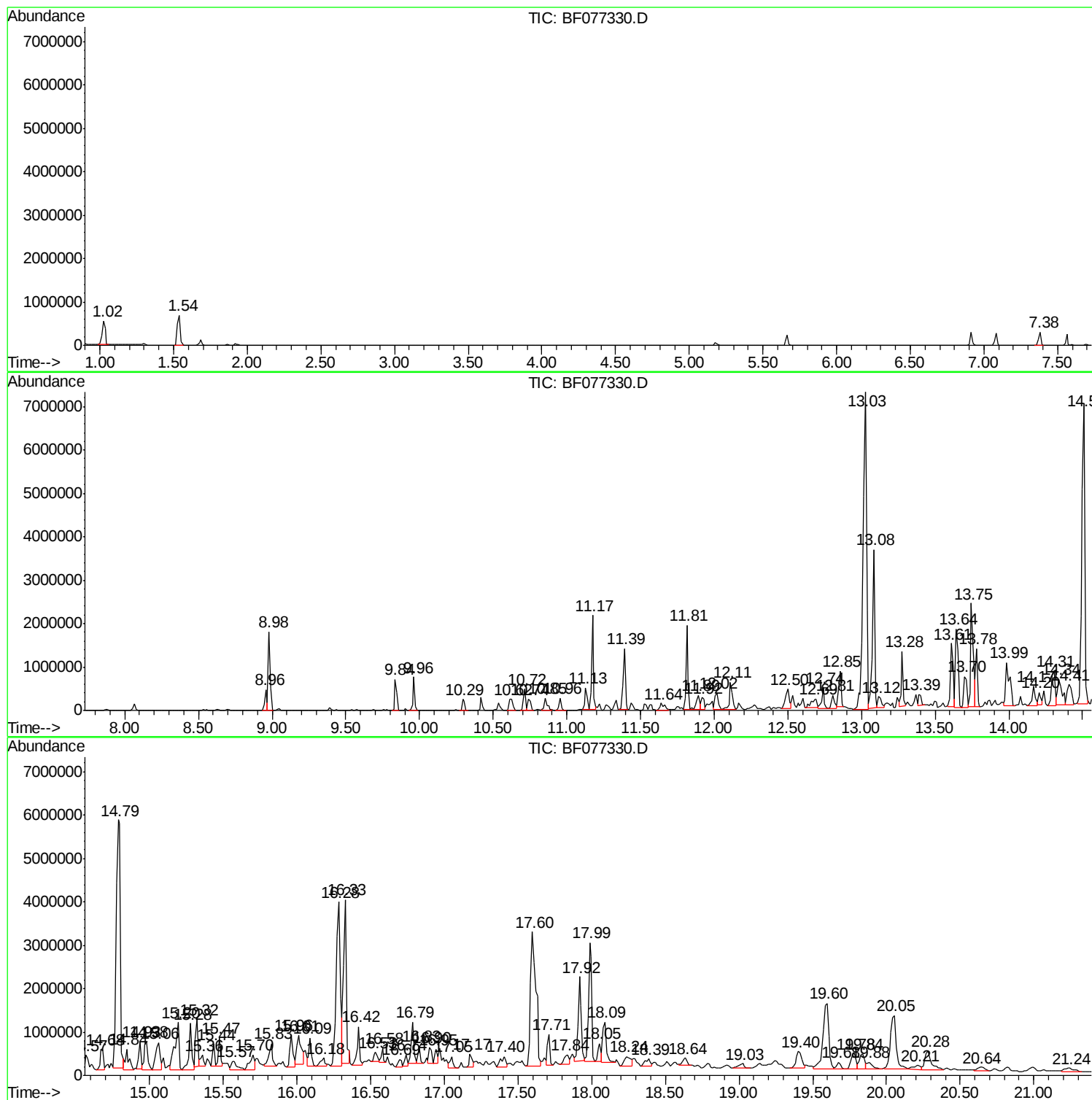
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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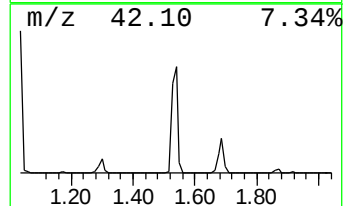
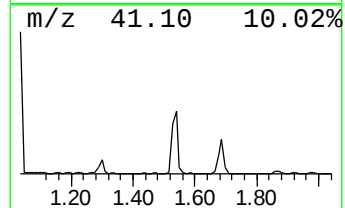
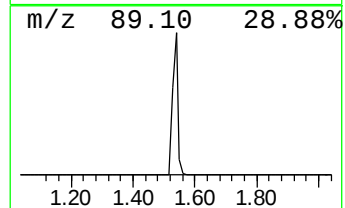
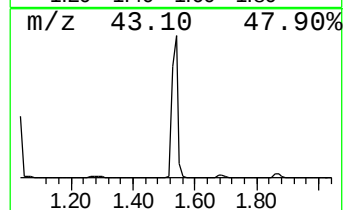
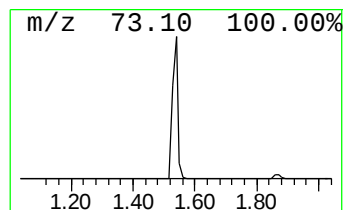
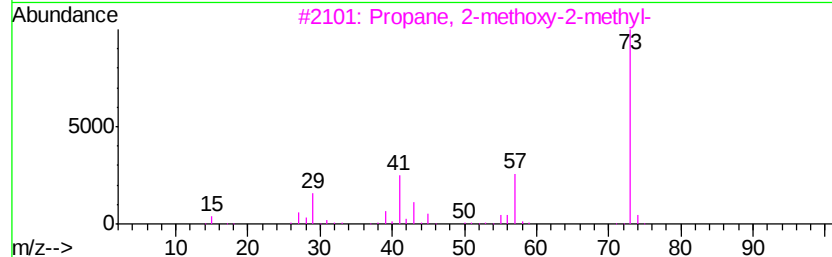
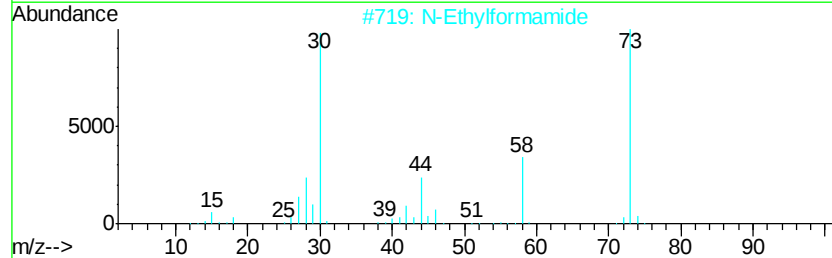
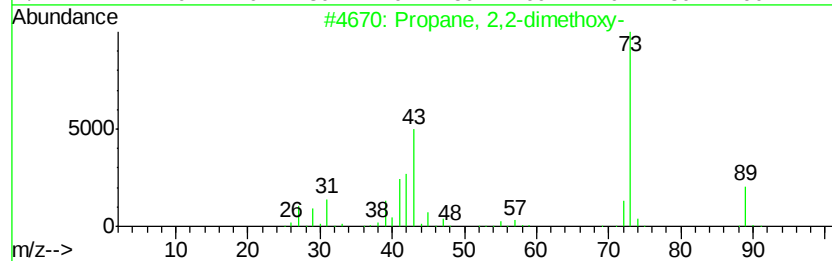
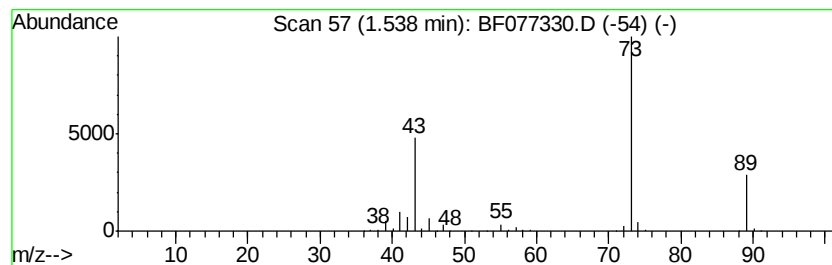
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
1.54	55.08 ng	862280	1,4-Dichlorobenzene-d4	7.38		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50	
2	N-Ethylformamide	73	C3H7NO	000627-45-2	32	
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9	
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9	
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	7	



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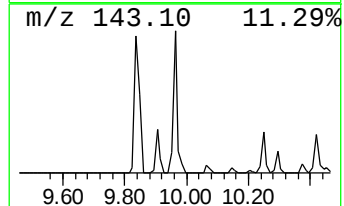
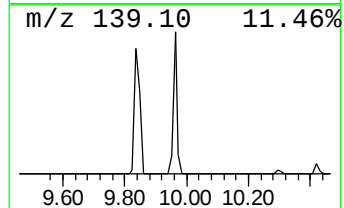
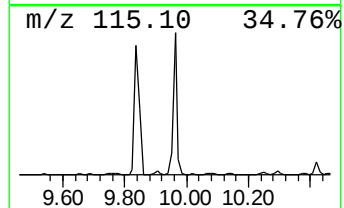
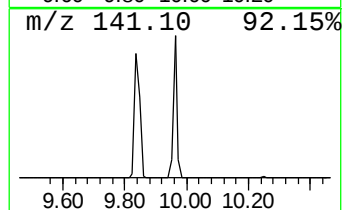
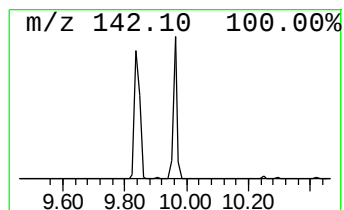
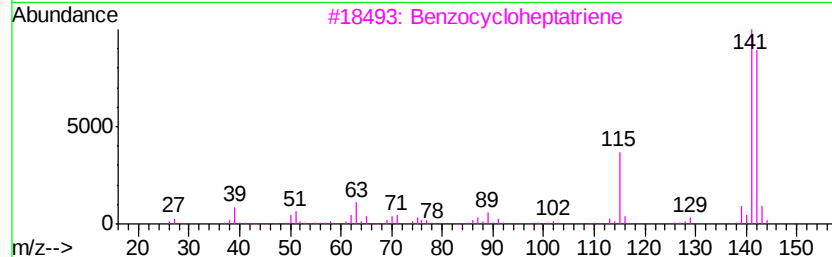
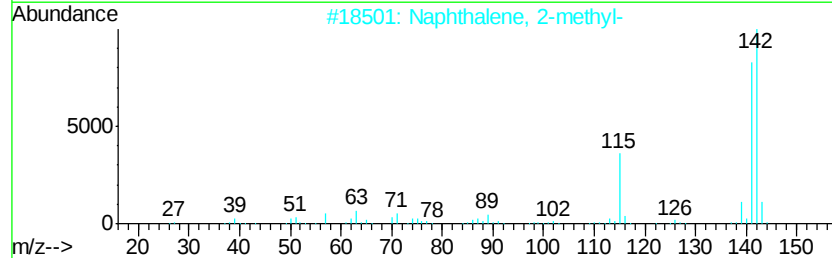
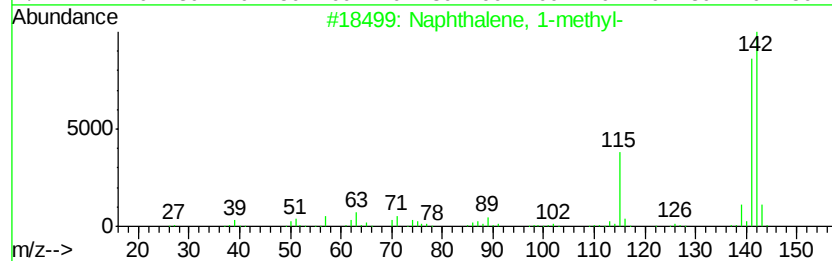
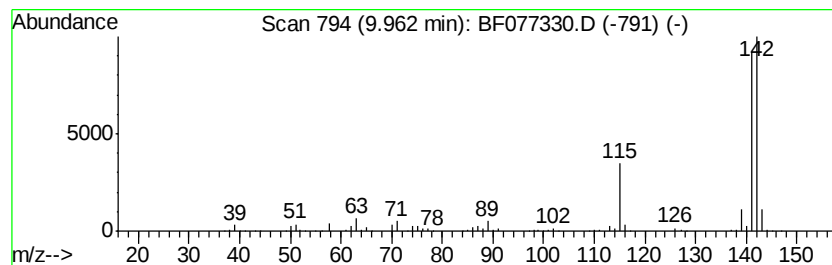
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	25.37 ng	678167	Naphthalene-d8	8.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



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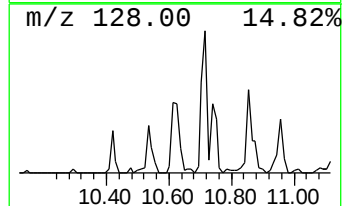
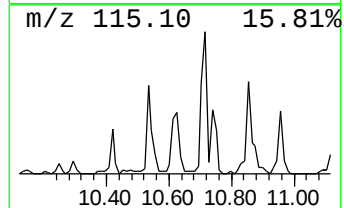
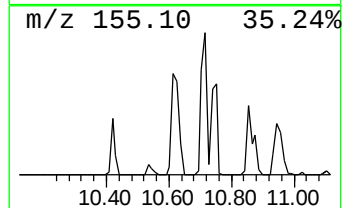
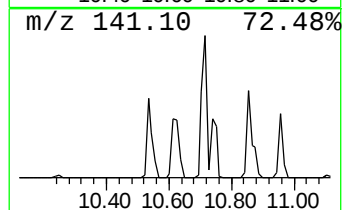
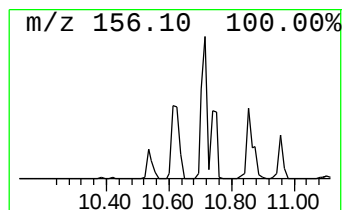
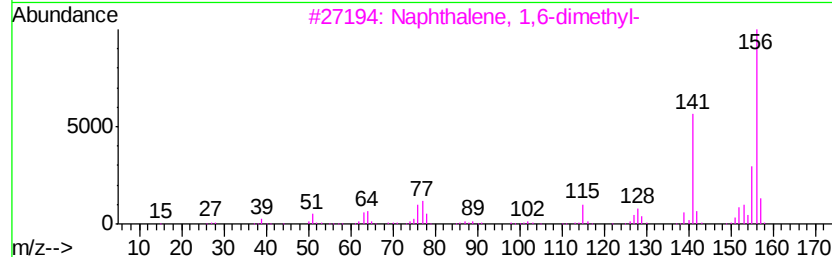
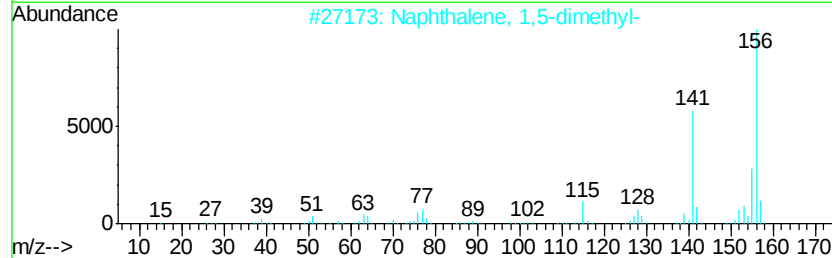
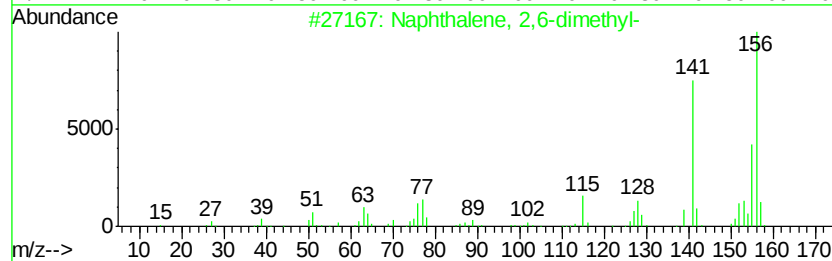
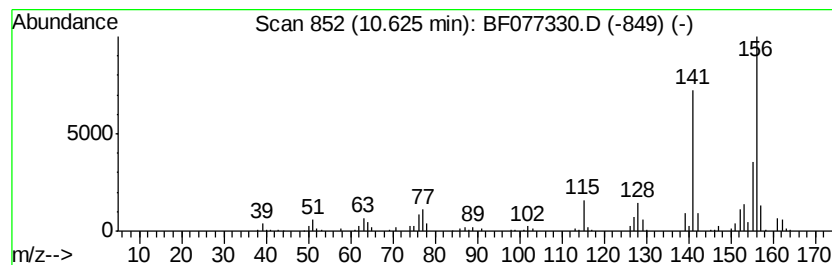
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Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	13.17 ng	414583	Acenaphthene-d10	11.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
5		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077330.D
Acq On : 17 Feb 2015 23:20
Operator : TP/IZ
Sample : G1299-02 5X
Misc :
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Instrument :
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ClientSampleId :
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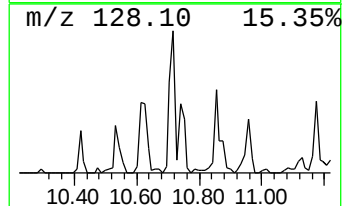
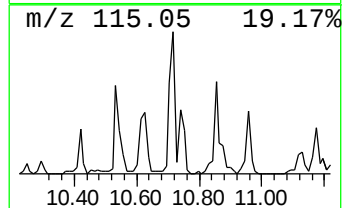
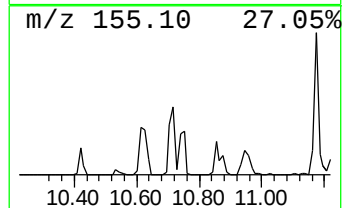
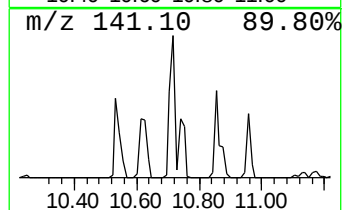
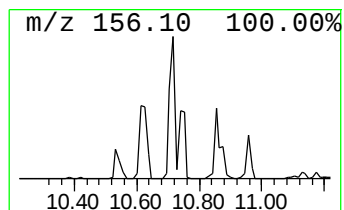
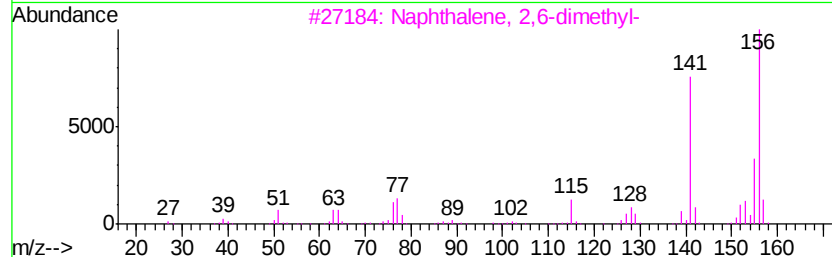
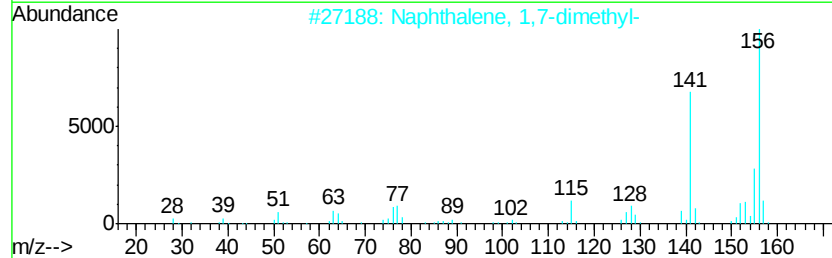
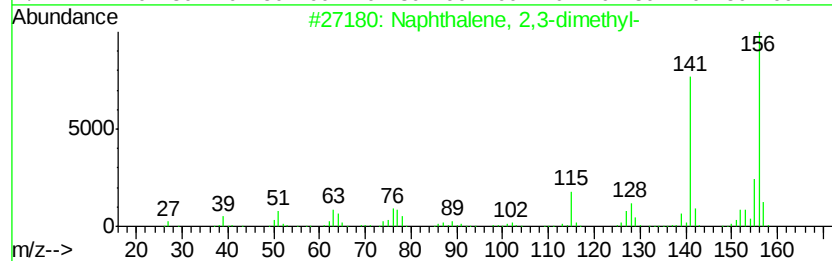
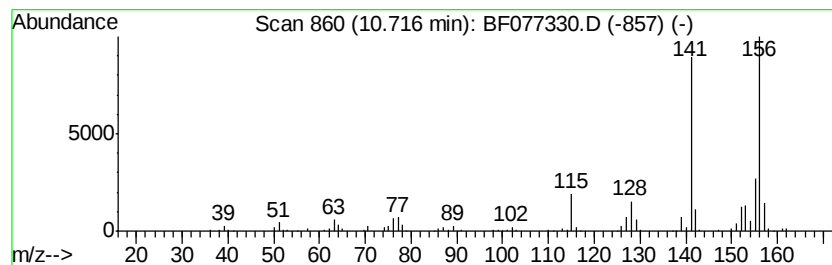
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	19.04 ng	599374	Acenaphthene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077330.D
Acq On : 17 Feb 2015 23:20
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Sample : G1299-02 5X
Misc :
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ClientSampleId :
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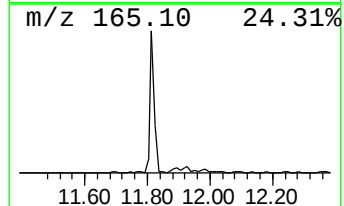
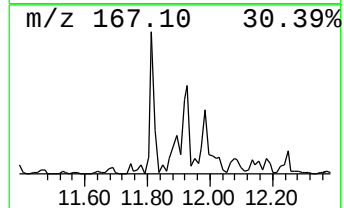
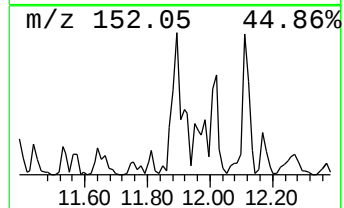
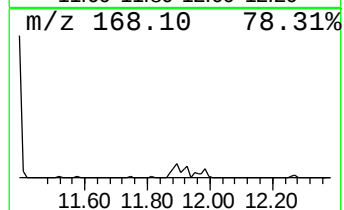
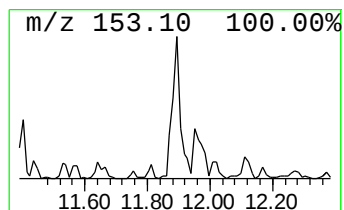
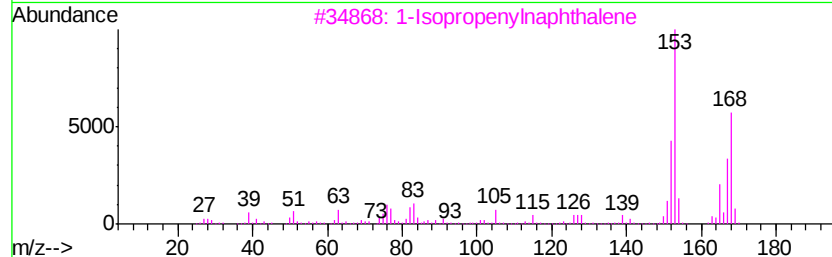
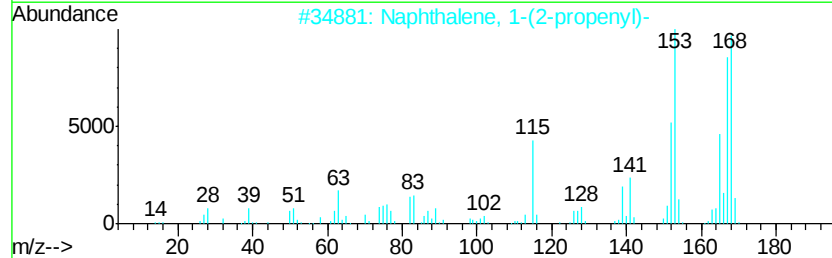
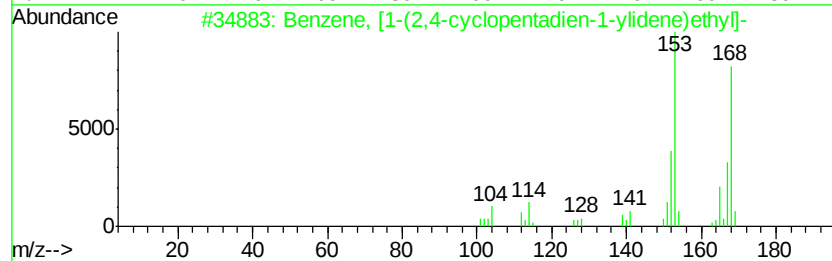
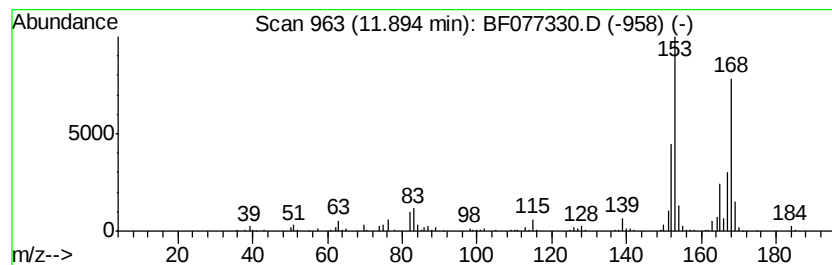
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, [1-(2,4-cyclopenta... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	18.78 ng	591302	Acenaphthene-d10	11.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
2		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74
3		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	72
4		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
5		(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077330.D
Acq On : 17 Feb 2015 23:20
Operator : TP/IZ
Sample : G1299-02 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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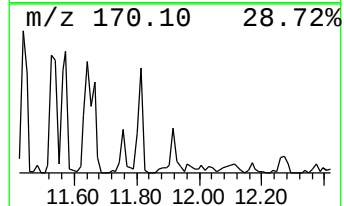
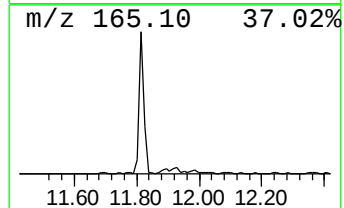
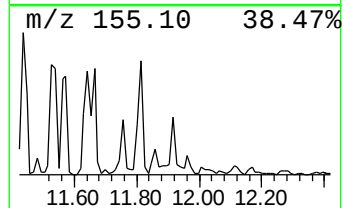
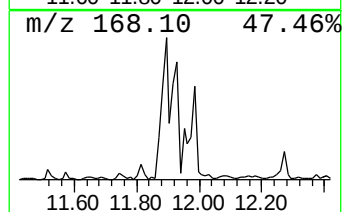
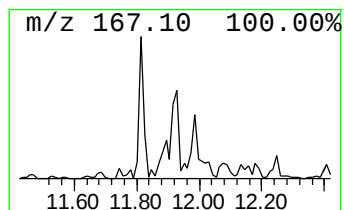
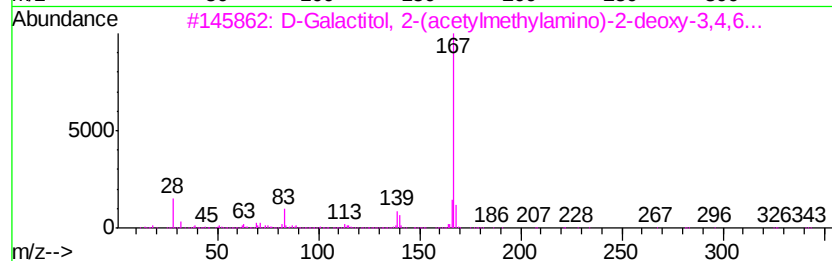
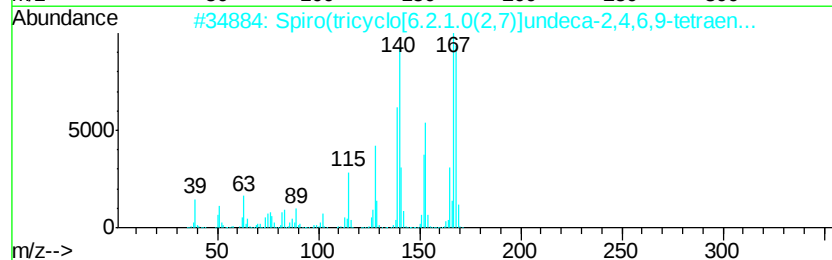
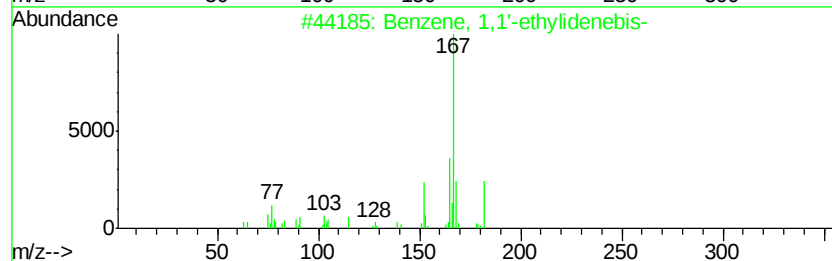
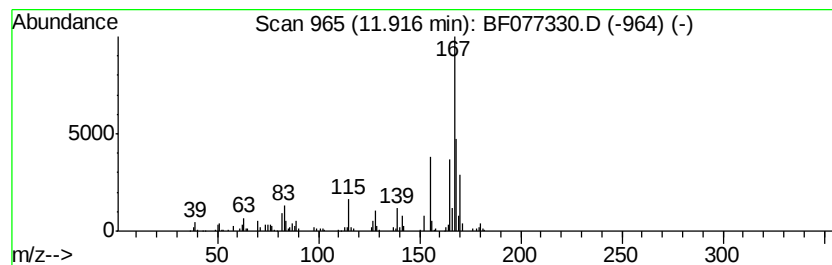
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.92 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	12.12 ng	381678	Acenaphthene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	37
2		Spiro(tricyclo[6.2.1.0(2,7)]unde...	168	C13H12	022003-58-3	35
3		D-Galactitol, 2-(acetylmethylami...	363	C16H29N08	074410-42-7	35
4		Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	32
5		1,2-Diphenylethyl isothiocyanate	239	C15H13NS	1000134-54-2	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077330.D
Acq On : 17 Feb 2015 23:20
Operator : TP/IZ
Sample : G1299-02 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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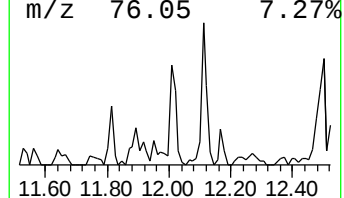
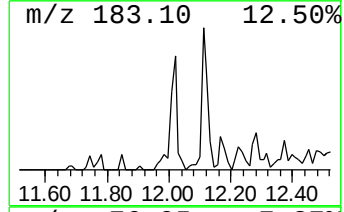
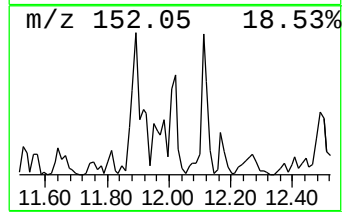
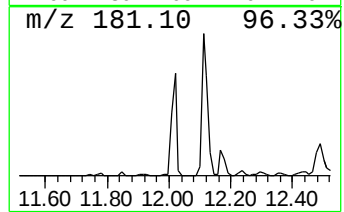
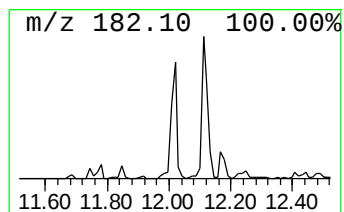
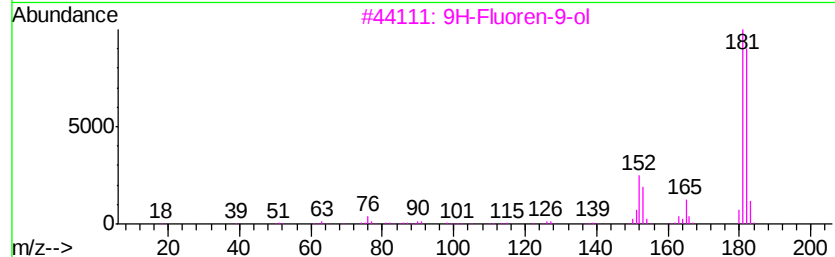
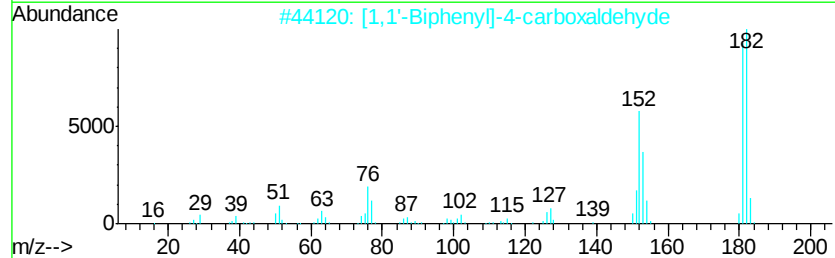
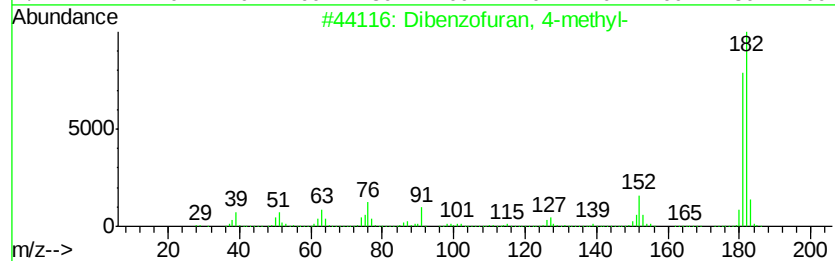
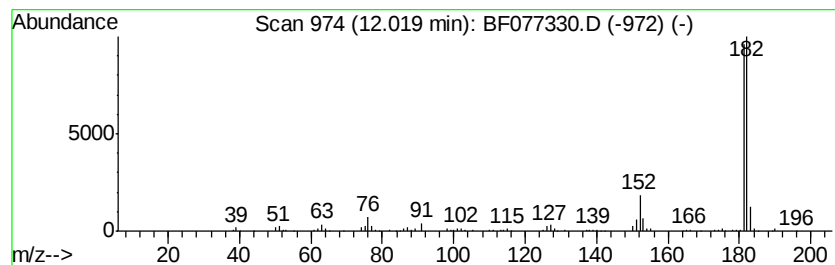
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	18.93 ng	595964	Acenaphthene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5		Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077330.D
Acq On : 17 Feb 2015 23:20
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Instrument :
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ClientSampleId :
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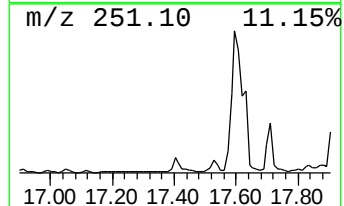
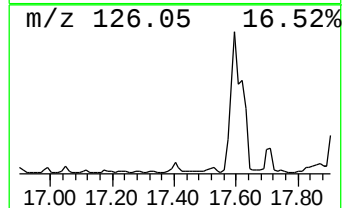
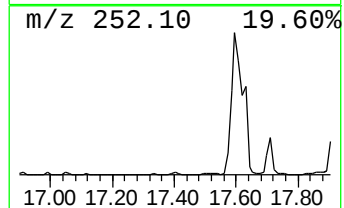
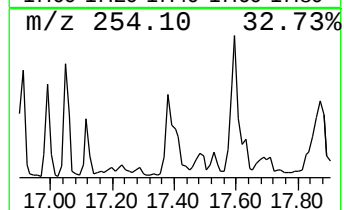
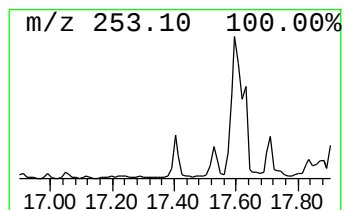
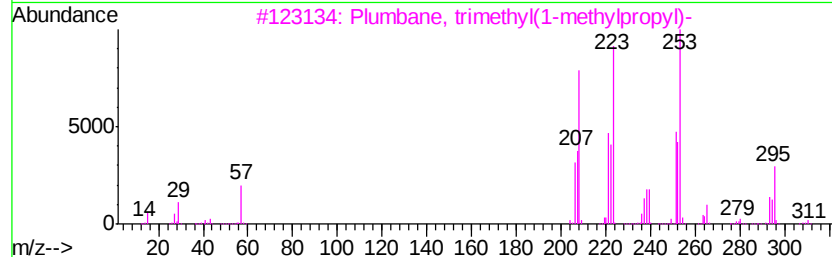
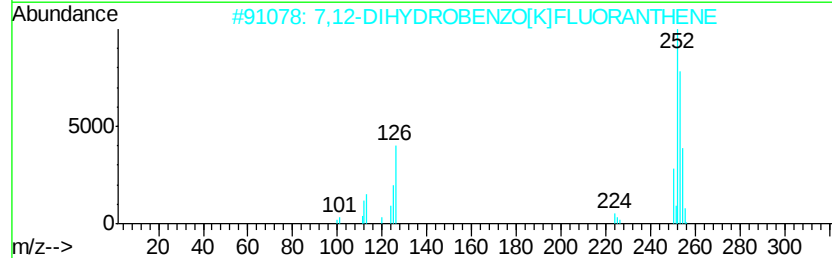
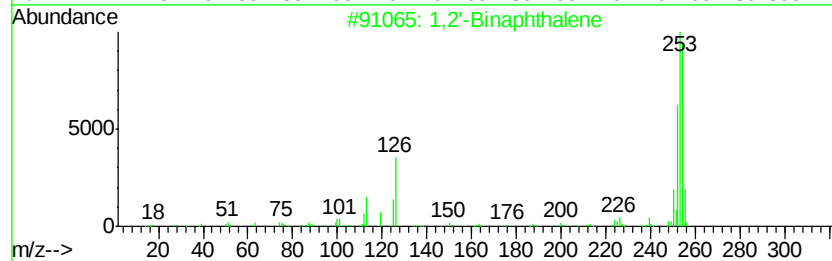
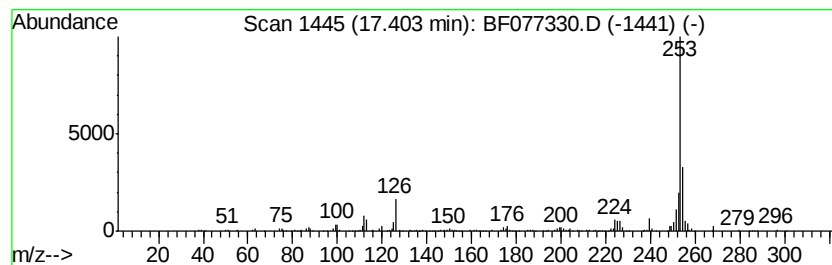
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown17.40 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	17.86 ng	593627	Perylene-d12	18.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2'-Binaphthalene	254	C20H14	004325-74-0	47
2		7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	40
3		Plumbane, trimethyl(1-methylprop...	310	C7H18Pb	054964-76-0	28
4		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	25
5		4,4'-Biazuleny1	254	C20H14	094053-54-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077330.D
Acq On : 17 Feb 2015 23:20
Operator : TP/IZ
Sample : G1299-02 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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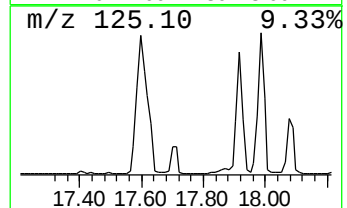
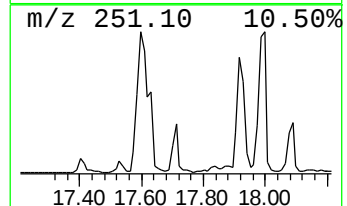
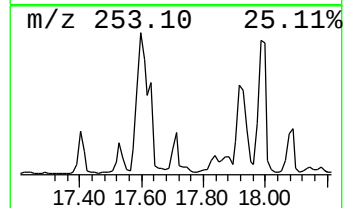
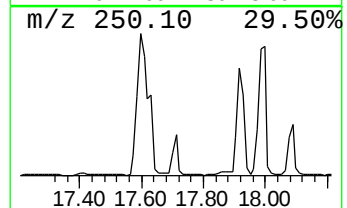
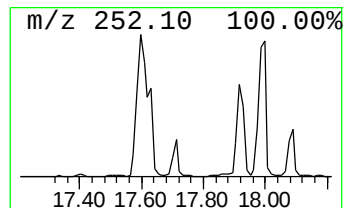
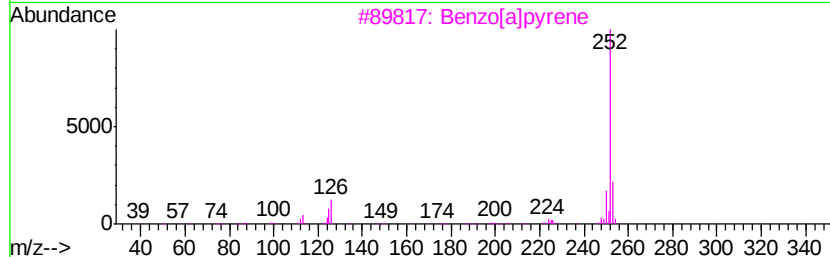
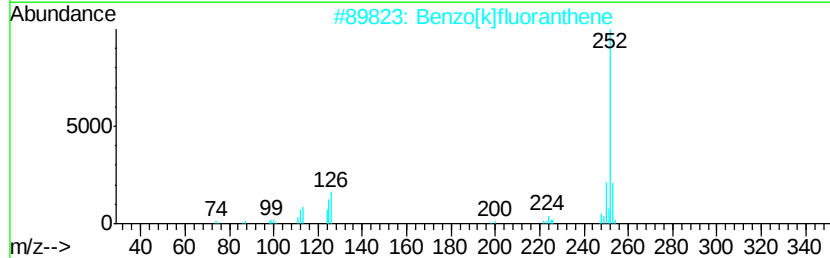
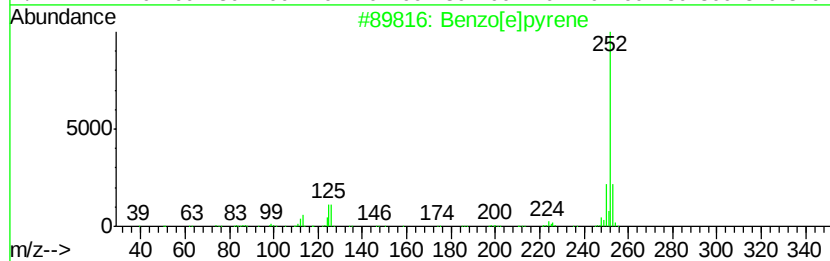
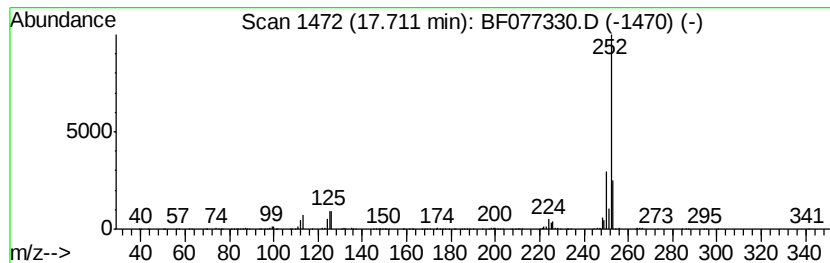
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	25.13 ng	835492	Perylene-d12	18.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077330.D
Acq On : 17 Feb 2015 23:20
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Sample : G1299-02 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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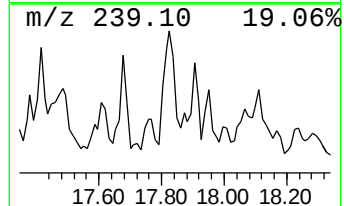
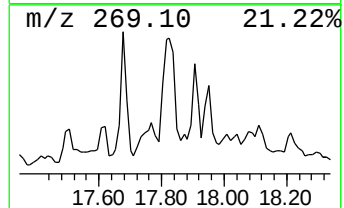
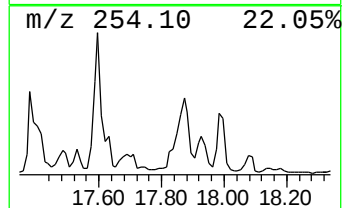
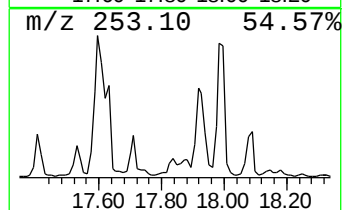
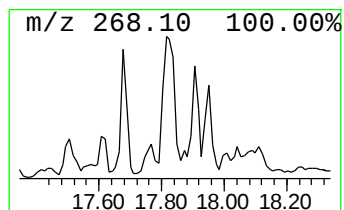
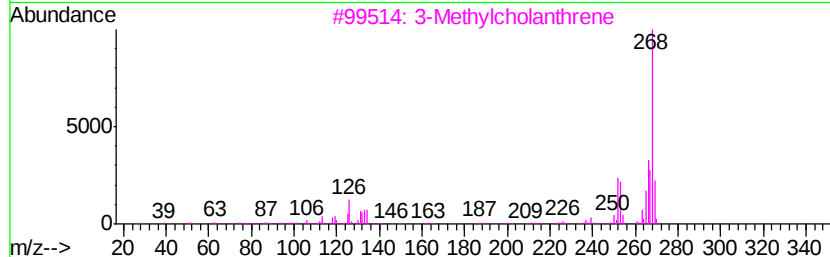
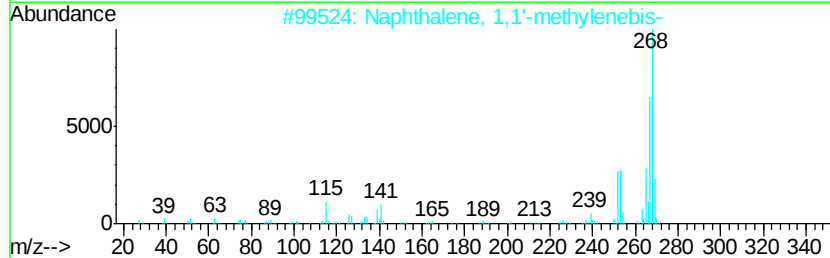
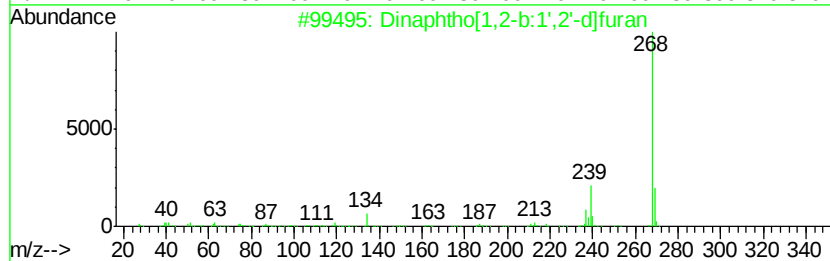
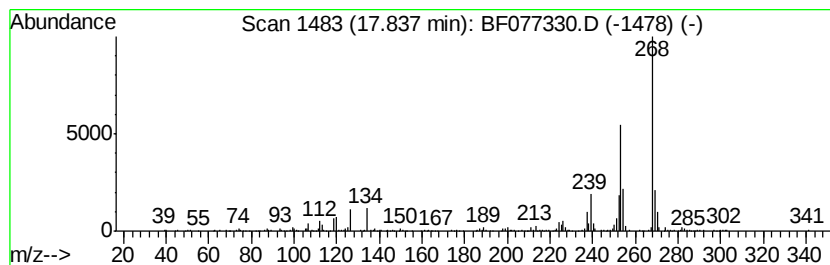
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	15.80 ng	525333	Perylene-d12	18.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	78
2		Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	50
3		3-Methylcholanthrene	268	C21H16	000056-49-5	49
4		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	49
5		Naphthalene, 1-(2-naphthalenyl)me...	268	C21H16	000611-48-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077330.D
Acq On : 17 Feb 2015 23:20
Operator : TP/IZ
Sample : G1299-02 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP2

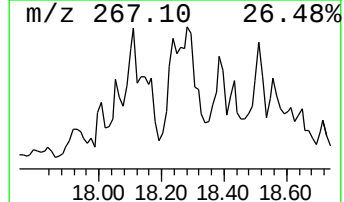
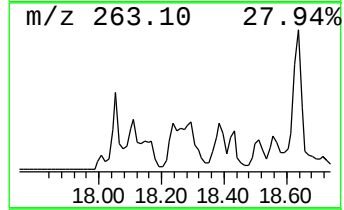
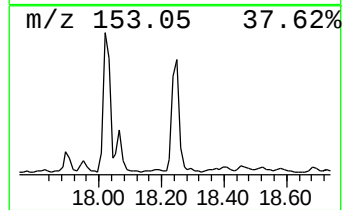
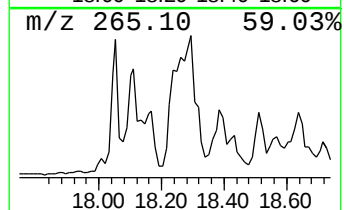
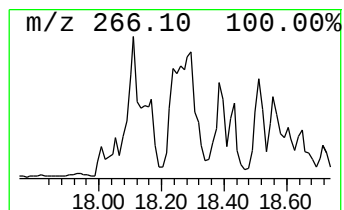
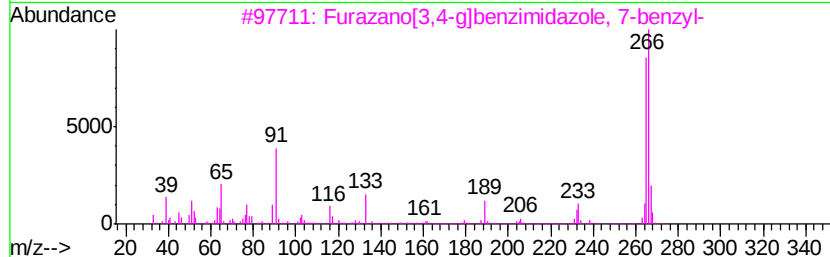
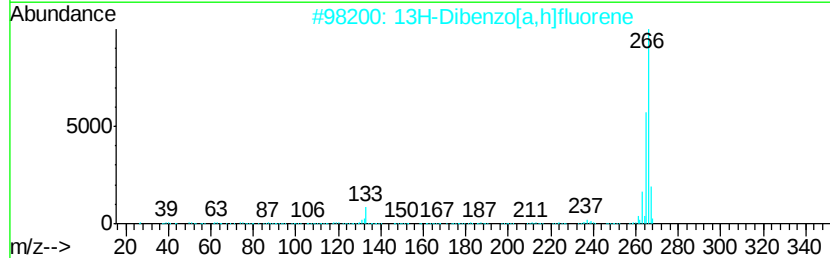
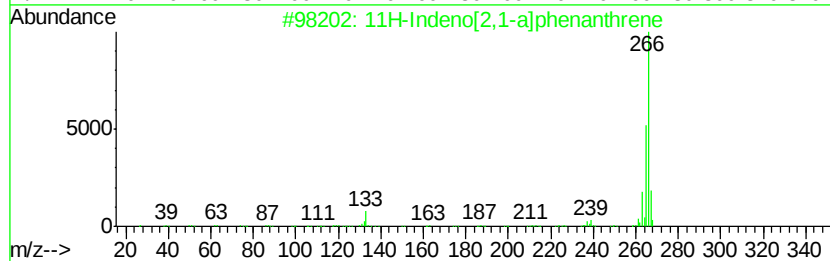
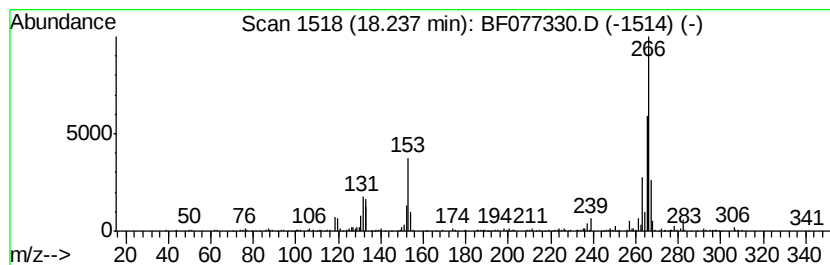
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Indeno[2,1-a]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	21.14 ng	702657	Perylene-d12	18.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	89
2		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	68
3		Furazano[3,4-g]benzimidazole, 7-...	266	C14H10N4S	129485-61-6	53
4		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	50
5		5-Hydroxy-4-methoxy-6H-indolo[3,...	266	C15H10N2O3	018110-86-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077330.D
Acq On : 17 Feb 2015 23:20
Operator : TP/IZ
Sample : G1299-02 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

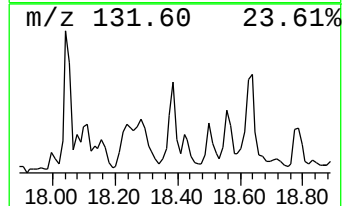
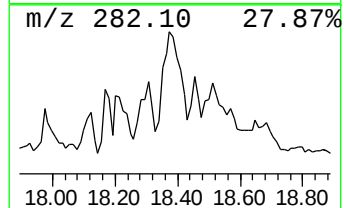
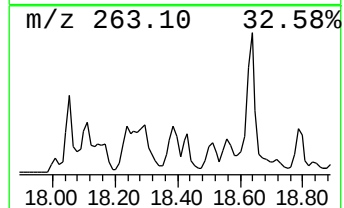
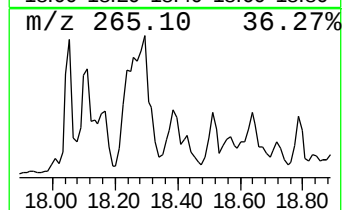
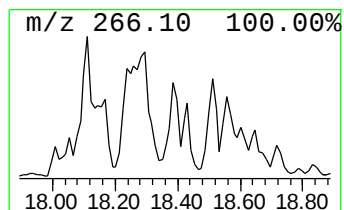
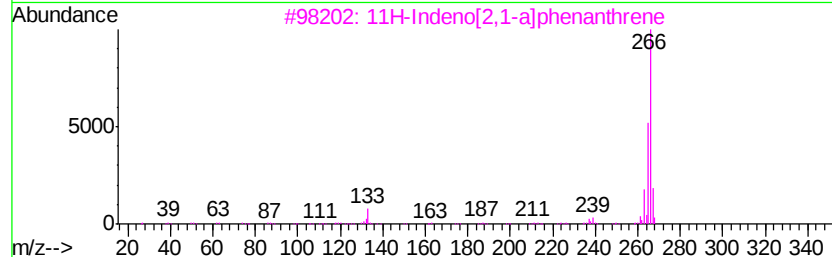
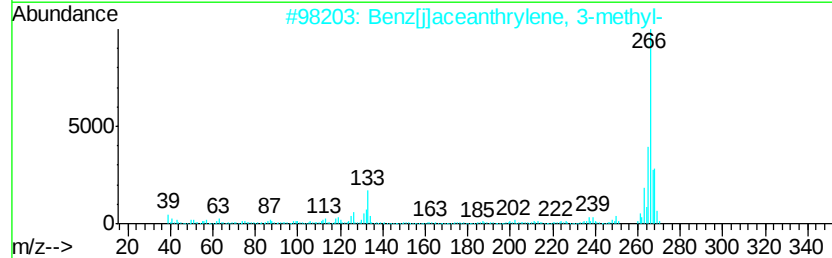
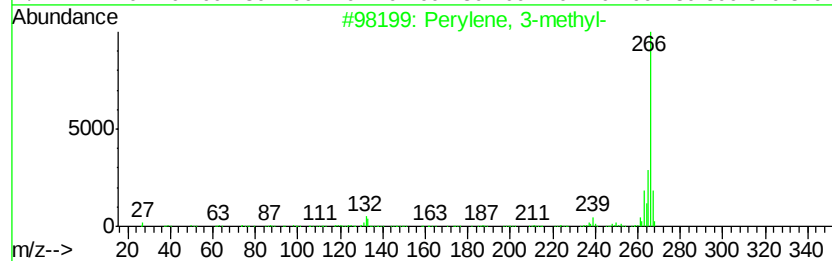
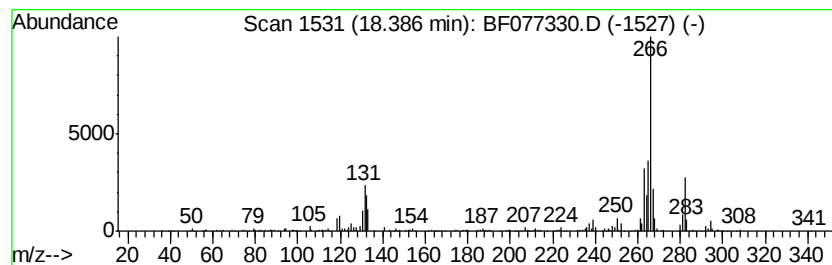
Instrument :
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ClientSampleId :
COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Perylene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	14.02 ng	466022	Perylene-d12	18.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Perylene, 3-methyl-	266 C21H14	024471-47-4 58
2		Benz[j]aceanthrylene, 3-methyl-	266 C21H14	003343-10-0 50
3		11H-Indeno[2,1-a]phenanthrene	266 C21H14	000220-97-3 49
4		Benzoic acid, 4-(4,5-dihydro-3-p...	266 C16H14N2O2	026192-74-5 49
5		Thiazole, 4-(4-methylphenyl)-2-p...	266 C16H14N2S	093020-56-5 49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077330.D
Acq On : 17 Feb 2015 23:20
Operator : TP/IZ
Sample : G1299-02 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP2

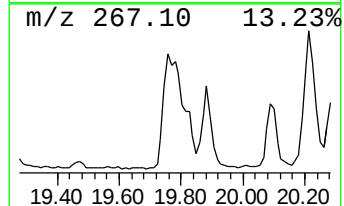
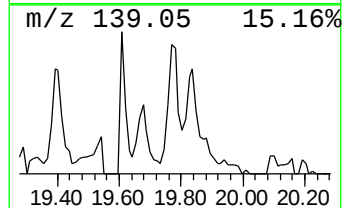
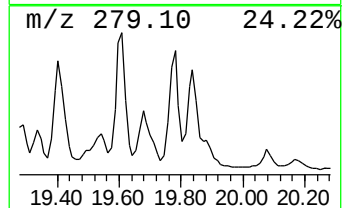
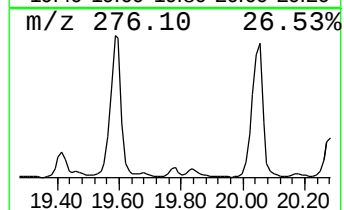
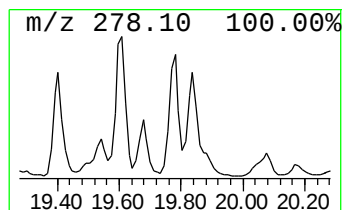
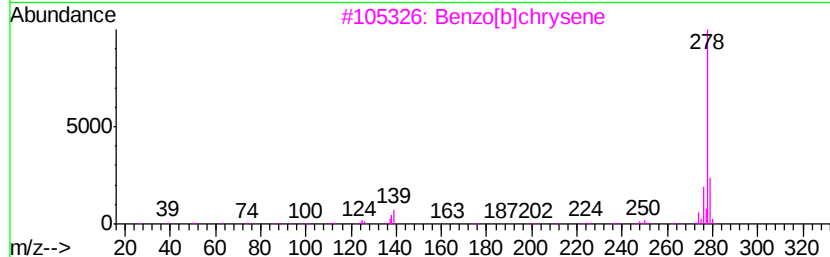
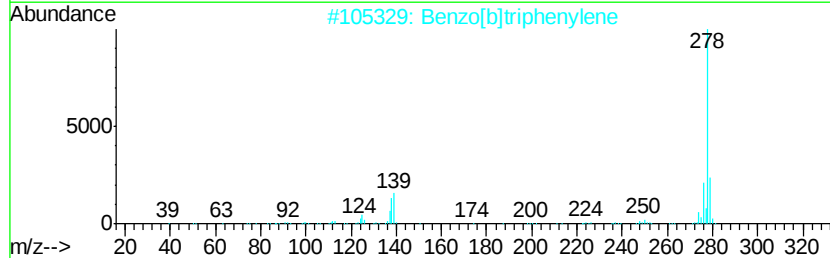
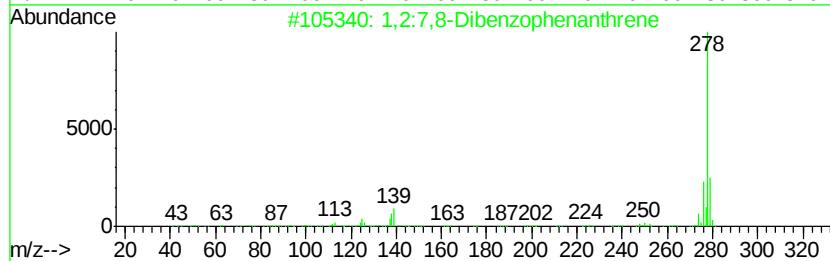
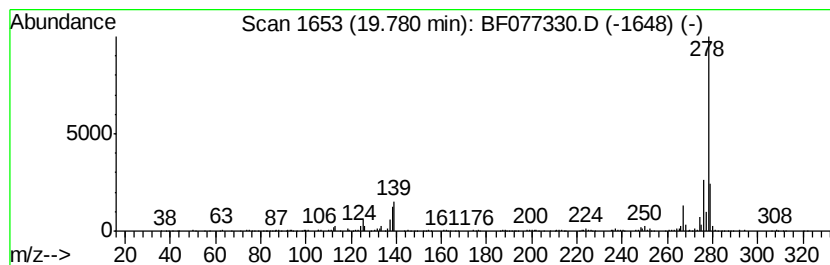
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	25.09 ng	833934	Perylene-d12	18.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	99
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	98
3		Benzo[b]chrysene	278	C22H14	000214-17-5	98
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
5		Pentaphene	278	C22H14	000222-93-5	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077330.D
 Acq On : 17 Feb 2015 23:20
 Operator : TP/IZ
 Sample : G1299-02 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2,2-dime...	1.54	55.1	ng	862280	1	7.38	313088	20.0
Naphthalene, 1-me...	9.96	25.4	ng	678167	2	8.96	534585	20.0
Naphthalene, 2,6-...	10.62	13.2	ng	414583	3	11.13	629663	20.0
Naphthalene, 2,3-...	10.72	19.0	ng	599374	3	11.13	629663	20.0
Benzene, [1-(2,4-...	11.89	18.8	ng	591302	3	11.13	629663	20.0
unknown11.92	11.92	12.1	ng	381678	3	11.13	629663	20.0
Dibenzofuran, 4-m...	12.02	18.9	ng	595964	3	11.13	629663	20.0
unknown17.40	17.40	17.9	ng	593627	6	18.05	664856	20.0
Benzo[e]pyrene	17.71	25.1	ng	835492	6	18.05	664856	20.0
Dinaphtho[1,2-b:1...	17.84	15.8	ng	525333	6	18.05	664856	20.0
11H-Indeno[2,1-a]...	18.24	21.1	ng	702657	6	18.05	664856	20.0
Perylene, 3-methyl-	18.39	14.0	ng	466022	6	18.05	664856	20.0
1,2:7,8-Dibenzoph...	19.78	25.1	ng	833934	6	18.05	664856	20.0
9,10-(1,2-Benzeno...	19.88	11.9	ng	395873	6	18.05	664856	20.0