

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
 Data File : BF079752.D
 Acq On : 6 Jun 2015 3:33
 Operator : TP/IZ
 Sample : G2464-09 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-1-20150603

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-BF060515.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.421	105	108	124	rVB2	948795	2630809	16.66%	1.082%
2	6.010	419	422	423	rBV	665321	887869	5.62%	0.365%
3	6.102	428	430	434	rVB2	590811	815587	5.16%	0.335%
4	6.353	449	452	455	rBV	423152	593399	3.76%	0.244%
5	7.313	534	536	538	rBV	1599645	1378257	8.73%	0.567%
6	7.553	555	557	561	rVB3	347433	589219	3.73%	0.242%
7	7.679	563	568	570	rVB	1192406	1327944	8.41%	0.546%
8	7.759	572	575	577	rVB	1959884	2138845	13.54%	0.879%
9	8.525	639	642	644	rBV2	1678171	2057845	13.03%	0.846%
10	8.559	644	645	651	rVB	1454194	1860346	11.78%	0.765%
11	8.822	662	668	669	rVV	11458410	15795089	100.00%	6.494%
12	8.856	669	671	674	rVB	828878	795753	5.04%	0.327%
13	9.222	701	703	706	rVV2	324880	752397	4.76%	0.309%
14	9.508	725	728	730	rVB	9388013	8984861	56.88%	3.694%
15	9.611	734	737	739	rBV	7851318	7352323	46.55%	3.023%
16	9.965	766	768	770	rVV	2394238	1967764	12.46%	0.809%
17	10.068	770	777	780	rVB	1767085	2370470	15.01%	0.975%
18	10.136	780	783	785	rBV	2741459	3717177	23.53%	1.528%
19	10.216	787	790	791	rVV	3820640	4551522	28.82%	1.871%
20	10.274	794	795	797	rVB	1282616	1008700	6.39%	0.415%
21	10.331	798	800	804	rVB	2255928	2462544	15.59%	1.012%
22	10.422	806	808	810	rVB	5151961	4966466	31.44%	2.042%
23	10.525	815	817	819	rBV	1039432	1101217	6.97%	0.453%
24	10.594	821	823	827	rVB	3478269	3547472	22.46%	1.459%
25	10.662	827	829	831	rBV	460300	713844	4.52%	0.293%
26	10.765	835	838	840	rVV2	2217599	2702100	17.11%	1.111%
27	10.799	840	841	843	rVB	1028138	711126	4.50%	0.292%
28	10.868	845	847	849	rBV2	988967	1645754	10.42%	0.677%
29	10.902	849	850	853	rVB	968518	949272	6.01%	0.390%
30	10.959	853	855	859	rBV2	830549	1676371	10.61%	0.689%
31	11.016	859	860	862	rBV	1314453	1431278	9.06%	0.588%
32	11.085	865	866	867	rBV	1082931	893966	5.66%	0.368%
33	11.119	867	869	871	rVB	4899016	5082600	32.18%	2.090%
34	11.188	871	875	877	rBV3	594372	1296360	8.21%	0.533%

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35	11.234	877	879	880	rVV	548896	935849	5.92%	0.385%
36	11.268	880	882	884	rVV2	776632	1228471	7.78%	0.505%
37	11.348	887	889	893	rVB2	1791021	2612175	16.54%	1.074%
38	11.474	896	900	903	rBV3	401543	789077	5.00%	0.324%
39	11.668	912	917	918	rBV	1788630	2588550	16.39%	1.064%
40	11.702	918	920	921	rVV	800582	860287	5.45%	0.354%
41	11.759	923	925	926	rVV	615442	836441	5.30%	0.344%
42	11.874	932	935	937	rVV	687832	879737	5.57%	0.362%
43	11.965	941	943	948	rVB	1792500	2083746	13.19%	0.857%
44	12.114	950	956	958	rBV	9619141	15096088	95.57%	6.207%
45	12.159	958	960	961	rBV	4817777	5426533	34.36%	2.231%
46	12.228	963	966	969	rBV2	276210	621133	3.93%	0.255%
47	12.297	969	972	974	rBV	598986	960724	6.08%	0.395%
48	12.365	976	978	980	rVB	766574	583959	3.70%	0.240%
49	12.411	980	982	984	rBV	870940	683794	4.33%	0.281%
50	12.491	988	989	991	rVB	491666	588615	3.73%	0.242%
51	12.594	995	998	999	rBV	2329748	3599055	22.79%	1.480%
52	12.617	999	1000	1002	rVB	3488676	3034159	19.21%	1.247%
53	12.662	1002	1004	1006	rBV	1455255	1862437	11.79%	0.766%
54	12.708	1006	1008	1012	rBV2	3784970	7660860	48.50%	3.150%
55	12.857	1017	1021	1022	rVV3	263637	759921	4.81%	0.312%
56	12.891	1022	1024	1025	rVV	2108763	2071806	13.12%	0.852%
57	12.925	1025	1027	1030	rVV2	273034	661528	4.19%	0.272%
58	13.051	1035	1038	1039	rVV2	849021	1251745	7.92%	0.515%
59	13.085	1039	1041	1044	rVV	759694	1316127	8.33%	0.541%
60	13.165	1045	1048	1050	rVV	1902719	2813479	17.81%	1.157%
61	13.211	1050	1052	1055	rVV2	1334121	2730003	17.28%	1.122%
62	13.257	1055	1056	1061	rVV3	713843	1699410	10.76%	0.699%
63	13.348	1061	1064	1066	rVV	5767745	8772347	55.54%	3.607%
64	13.405	1068	1069	1071	rVV2	489341	622916	3.94%	0.256%
65	13.451	1071	1073	1075	rVV	2127199	2314545	14.65%	0.952%
66	13.531	1076	1080	1082	rVV2	593796	1240784	7.86%	0.510%
67	13.611	1082	1087	1089	rVV	7474513	11387519	72.10%	4.682%
68	13.645	1089	1090	1092	rVV2	640615	747624	4.73%	0.307%
69	13.725	1094	1097	1099	rVV3	726108	1324062	8.38%	0.544%
70	13.840	1103	1107	1110	rVV4	949113	1938401	12.27%	0.797%
71	13.954	1113	1117	1119	rVV	2166408	4004303	25.35%	1.646%

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72	14.034	1119	1124	1126	rVV	2335340	2860216	18.11%	1.176%
73	14.080	1126	1128	1130	rVV2	1638790	1988015	12.59%	0.817%
74	14.148	1132	1134	1136	rVV	1481311	1884342	11.93%	0.775%
75	14.182	1136	1137	1139	rVV	937284	1458825	9.24%	0.600%
76	14.228	1139	1141	1143	rVV	1121052	1683821	10.66%	0.692%
77	14.514	1163	1166	1168	rVV2	374530	810260	5.13%	0.333%
78	14.674	1176	1180	1182	rBV3	462413	1086385	6.88%	0.447%
79	14.708	1182	1183	1185	rVV	983297	1037642	6.57%	0.427%
80	14.743	1185	1186	1190	rVB3	619187	887250	5.62%	0.365%
81	14.971	1203	1206	1208	rVV2	4696451	6843914	43.33%	2.814%
82	15.017	1208	1210	1214	rVV	3754829	4499288	28.49%	1.850%
83	15.120	1217	1219	1221	rBV	744443	992742	6.29%	0.408%
84	15.463	1246	1249	1251	rVV	1338941	2066719	13.08%	0.850%
85	15.508	1251	1253	1255	rVV	683052	870416	5.51%	0.358%
86	15.566	1255	1258	1259	rVV2	395236	740690	4.69%	0.305%
87	15.588	1259	1260	1262	rVV	690191	738995	4.68%	0.304%
88	15.623	1262	1263	1264	rVV	593326	681647	4.32%	0.280%
89	15.657	1264	1266	1269	rVV2	896861	1263815	8.00%	0.520%
90	16.343	1322	1326	1330	rBV	1804401	5401426	34.20%	2.221%
91	16.480	1335	1338	1341	rVV	740151	1085894	6.87%	0.446%
92	16.743	1358	1361	1365	rVB	1513537	2454242	15.54%	1.009%
93	16.834	1365	1369	1372	rBV	2608574	4219923	26.72%	1.735%
94	16.903	1372	1375	1377	rBV2	394851	706129	4.47%	0.290%
95	16.948	1377	1379	1384	rVB2	586776	1063729	6.73%	0.437%
96	17.189	1393	1400	1406	rVB	227007	1152674	7.30%	0.474%
97	17.669	1440	1442	1449	rVB2	320708	596460	3.78%	0.245%
98	18.914	1546	1551	1557	rVB2	794991	2099966	13.30%	0.863%
99	19.520	1598	1604	1611	rVB	635907	1721049	10.90%	0.708%
100	19.840	1627	1632	1643	rVB	301692	982935	6.22%	0.404%

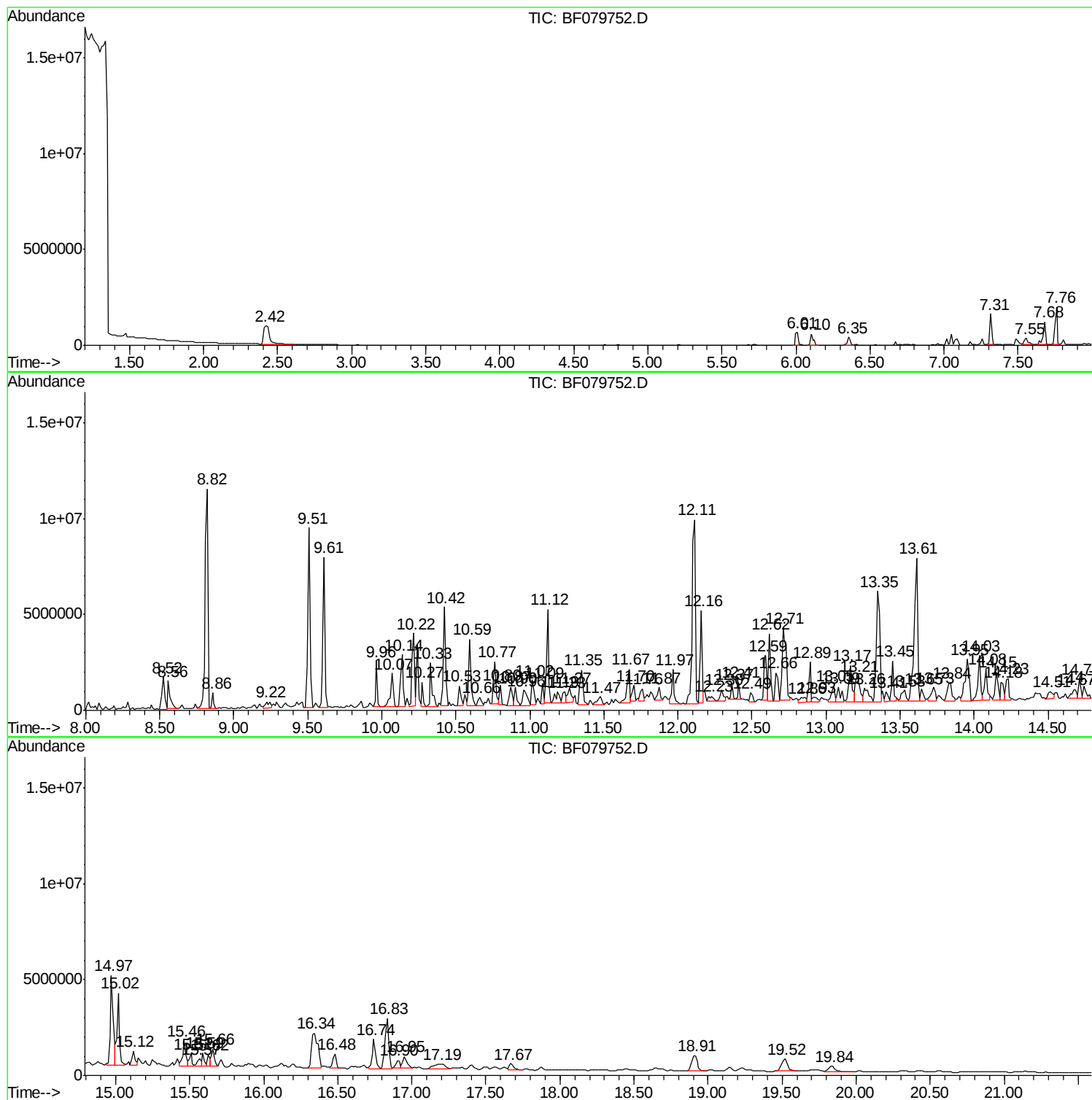
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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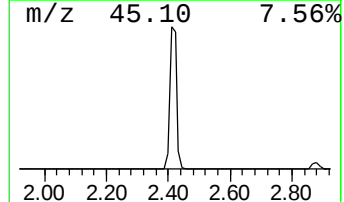
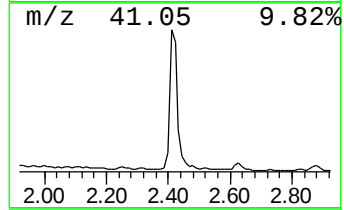
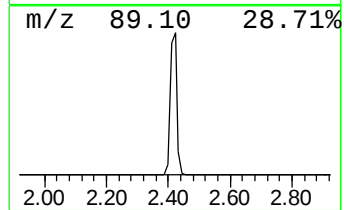
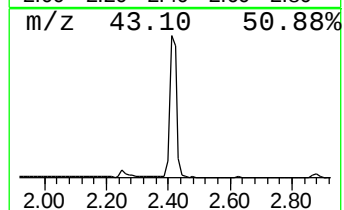
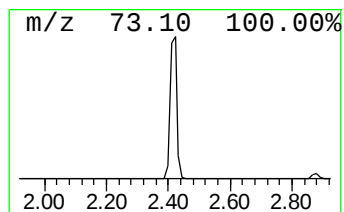
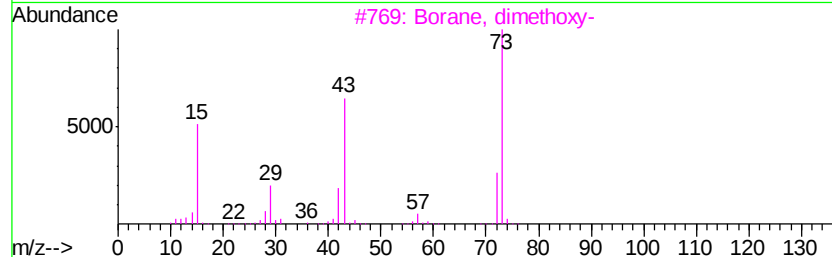
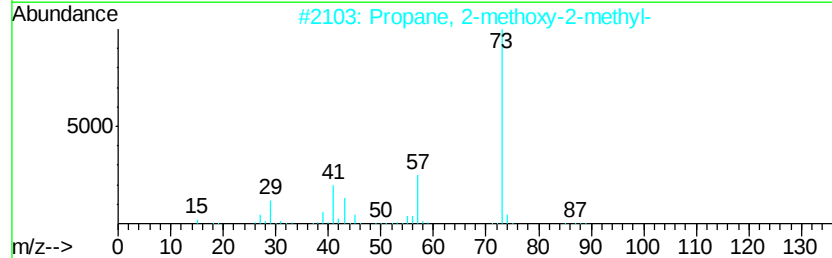
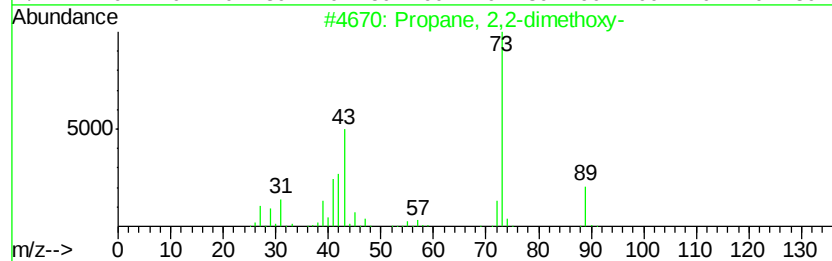
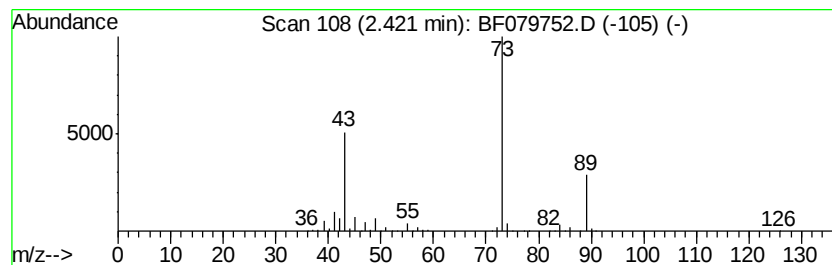
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.42	89.30 ng	2630810	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	59
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	7
4		1,3-Diaminoguanidine	89	CH7N5	004364-78-7	7
5		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7



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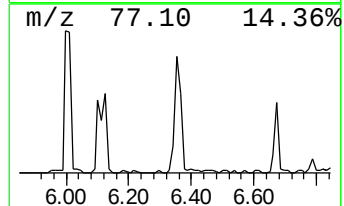
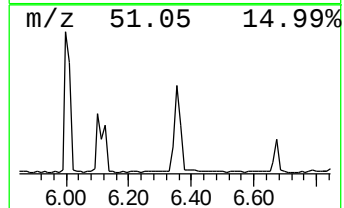
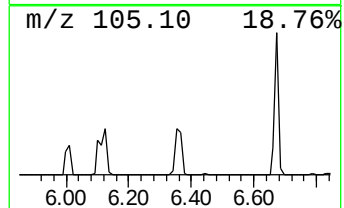
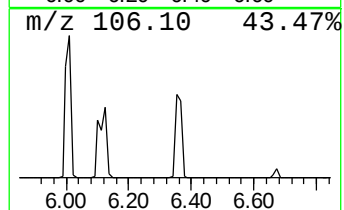
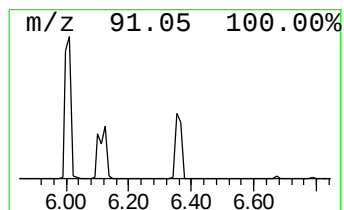
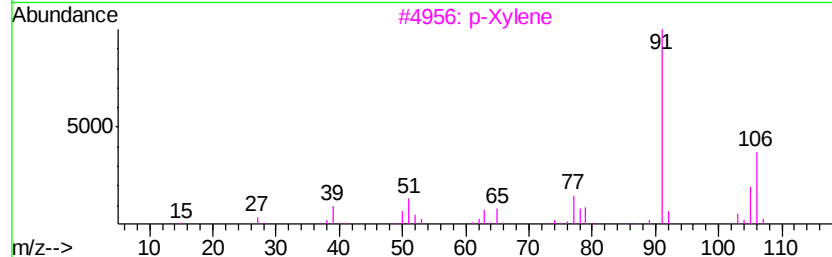
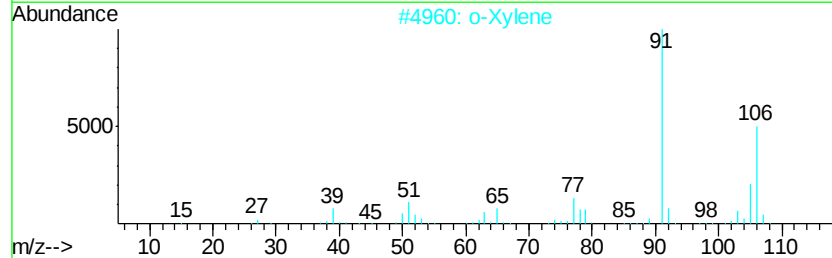
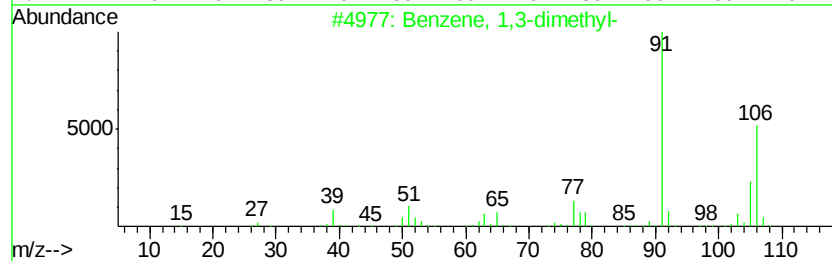
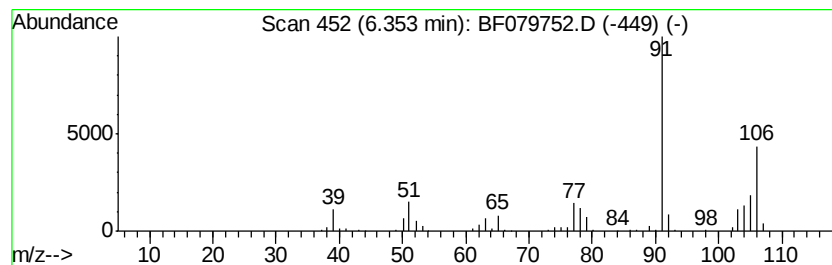
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	20.14 ng	593399	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2		o-Xylene	106	C8H10	000095-47-6	94
3		p-Xylene	106	C8H10	000106-42-3	93
4		Ethylbenzene	106	C8H10	000100-41-4	90
5		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	74



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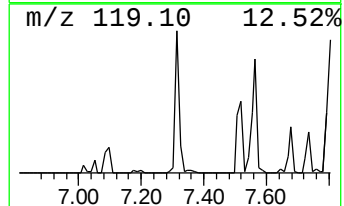
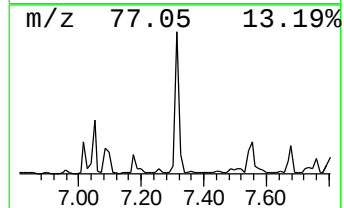
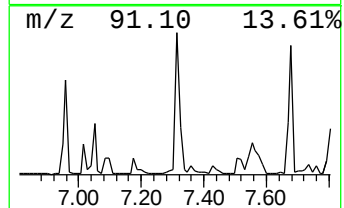
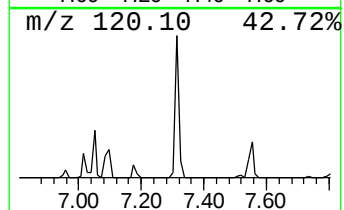
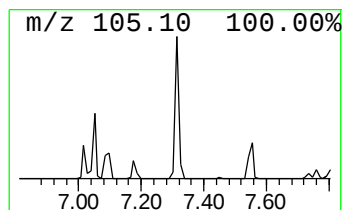
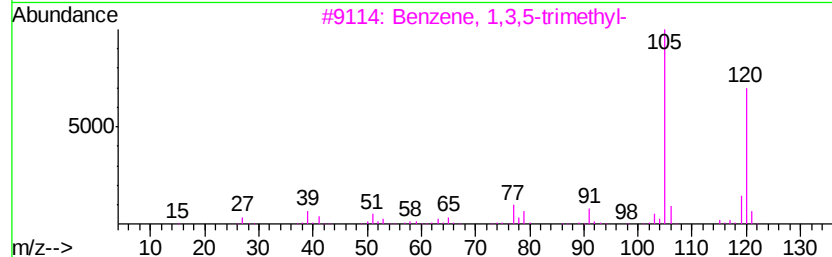
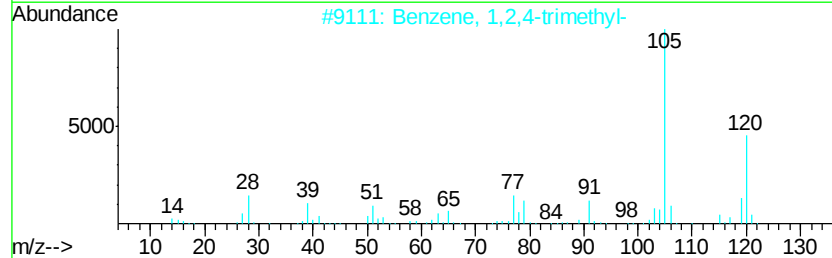
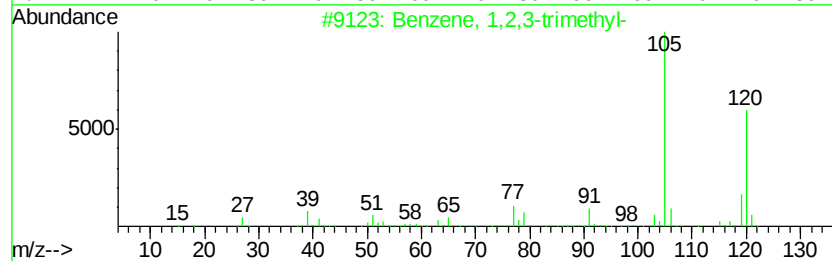
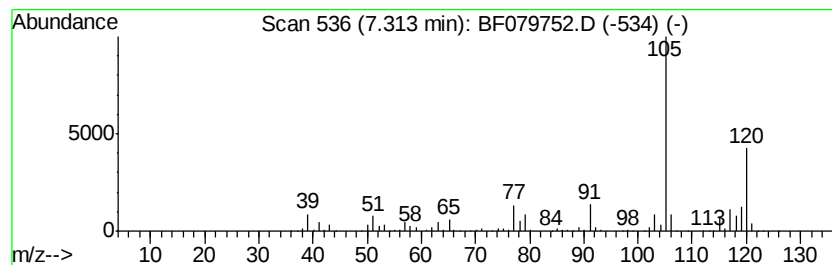
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	46.78 ng	1378260	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
Data File : BF079752.D
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Operator : TP/IZ
Sample : G2464-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
FD-1-20150603

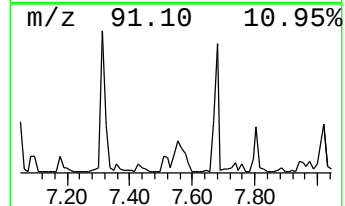
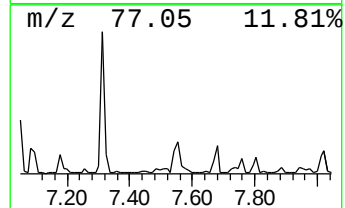
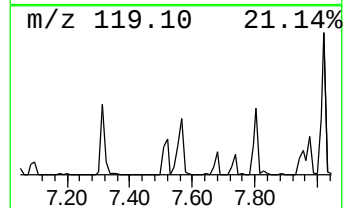
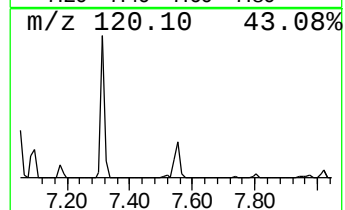
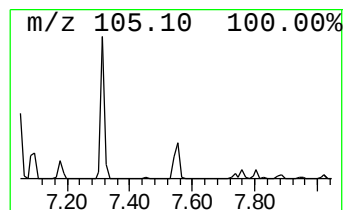
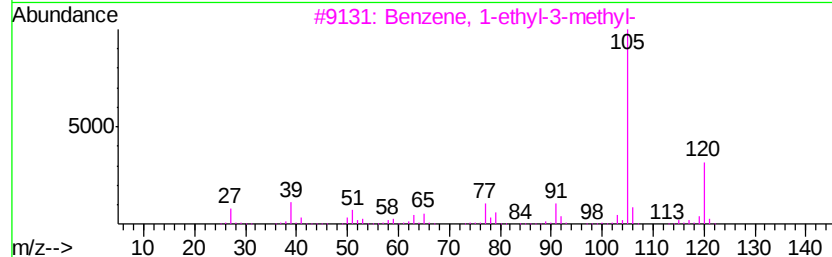
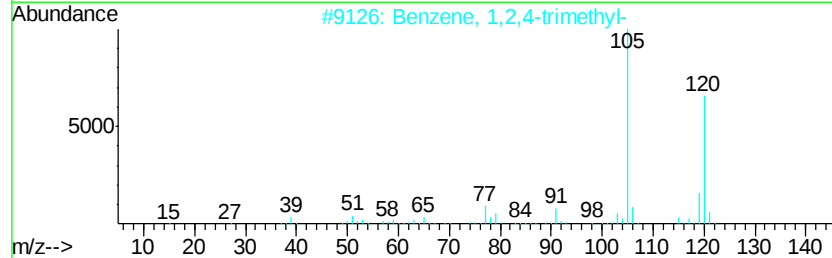
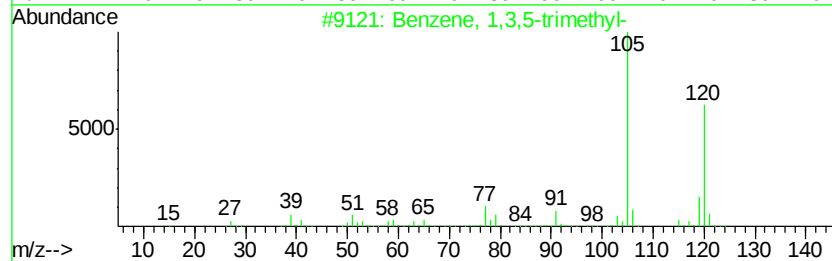
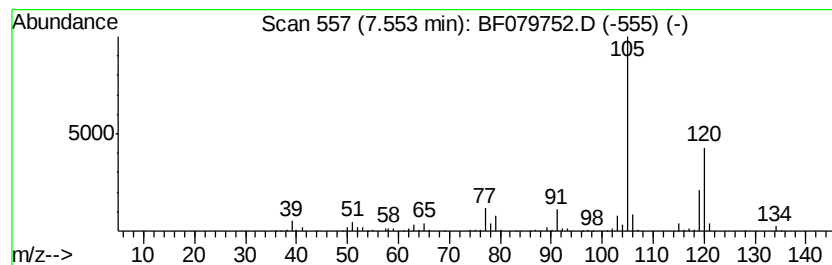
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	20.00 ng	589219	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
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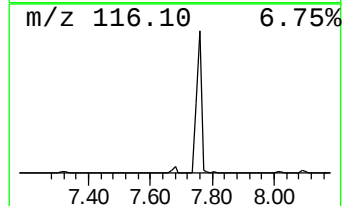
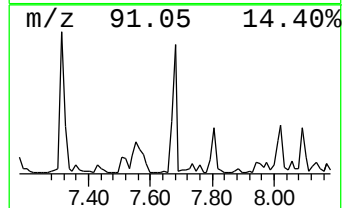
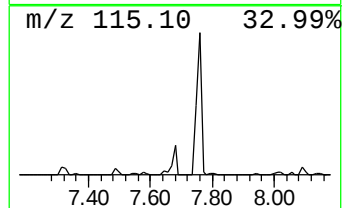
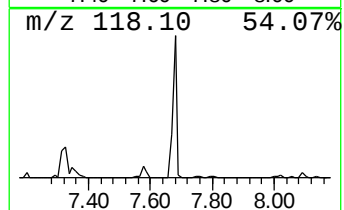
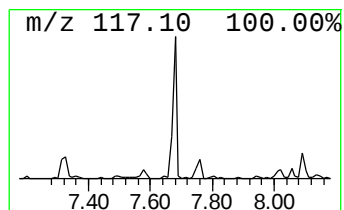
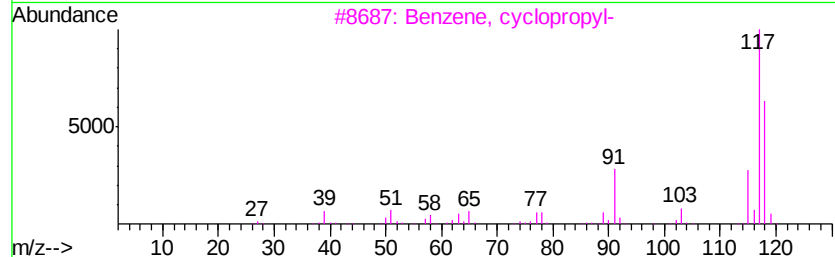
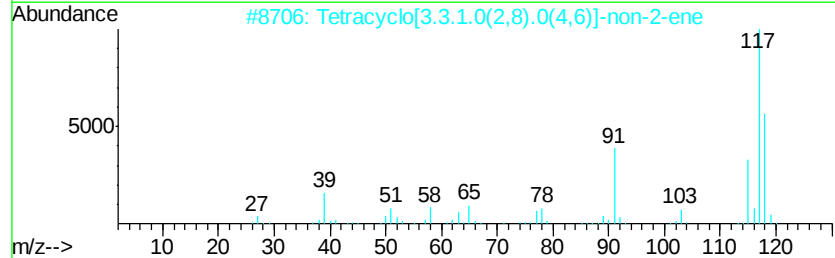
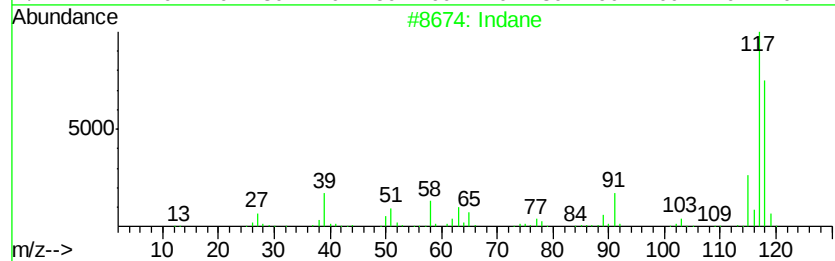
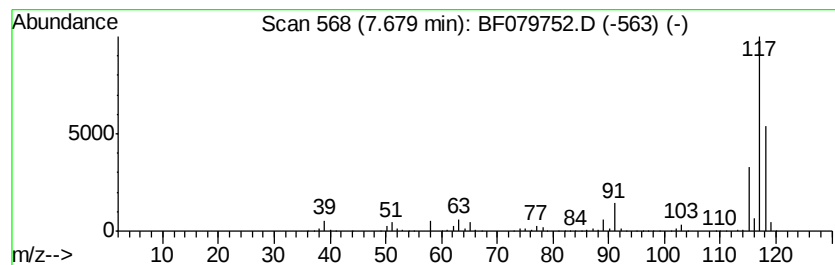
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	45.07 ng	1327940	1,4-Dichlorobenzene-d4	7.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	91
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	83
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	59
4	Benzene, 1,1'-(1,5-hexadiene-1,6...		234	C18H18	004439-45-6	59
5	cis-.beta.-Methylstyrene		118	C9H10	000766-90-5	49



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
Data File : BF079752.D
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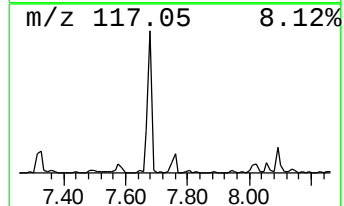
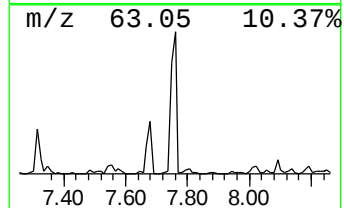
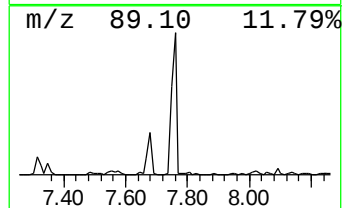
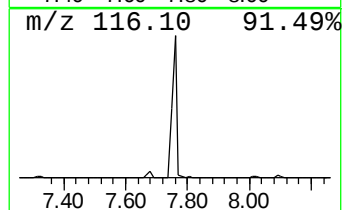
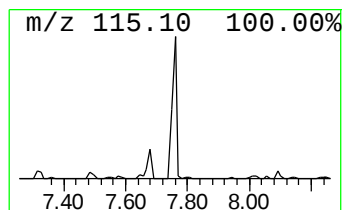
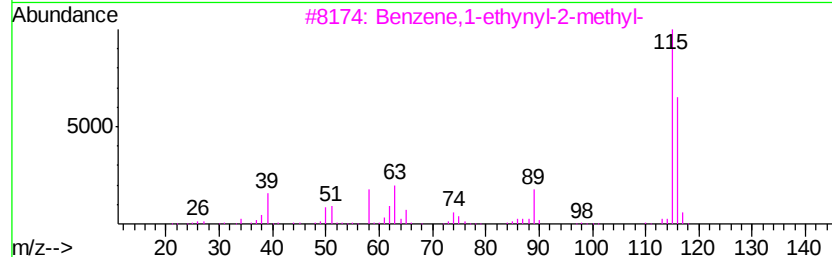
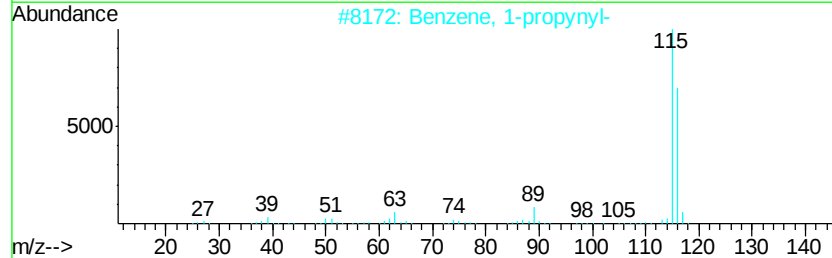
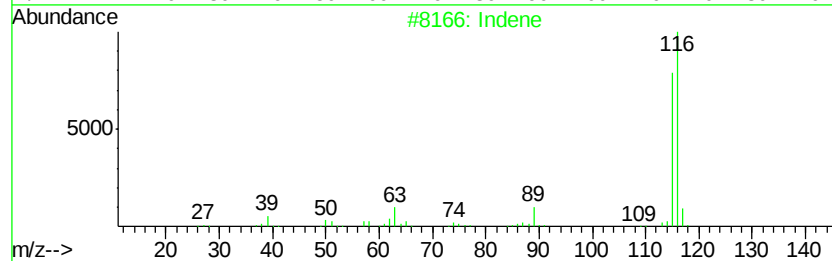
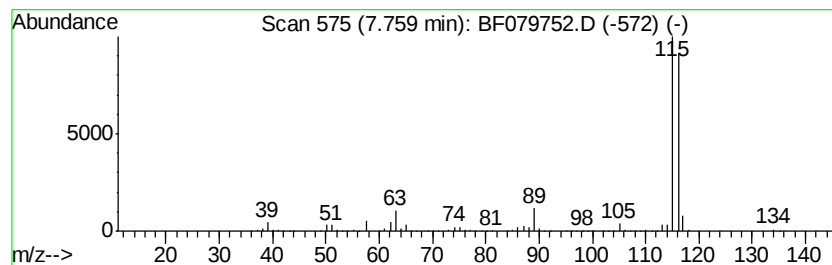
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	72.60 ng	2138850	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
Data File : BF079752.D
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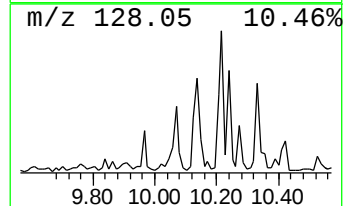
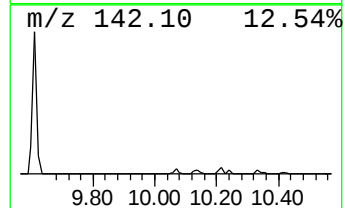
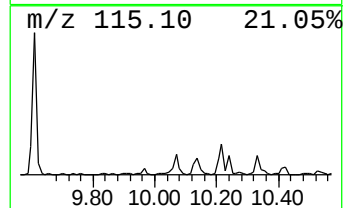
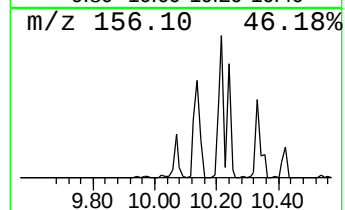
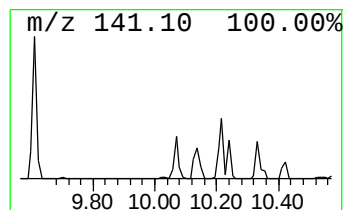
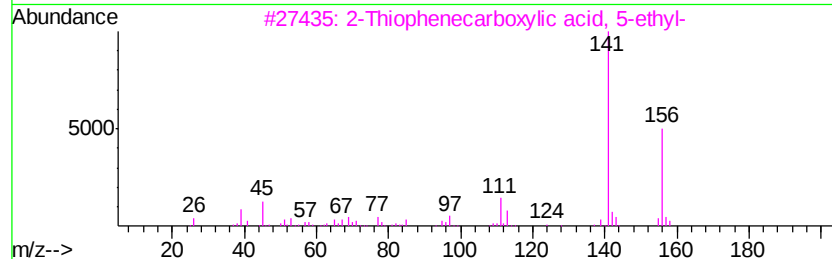
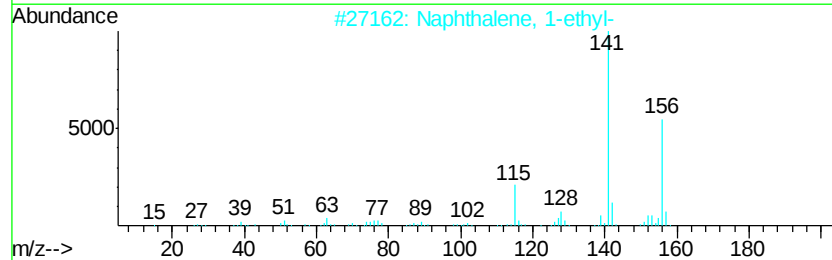
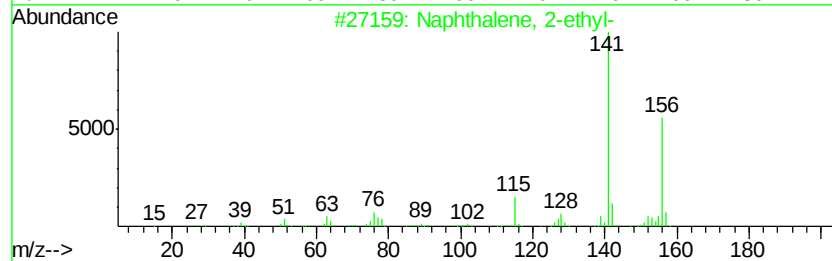
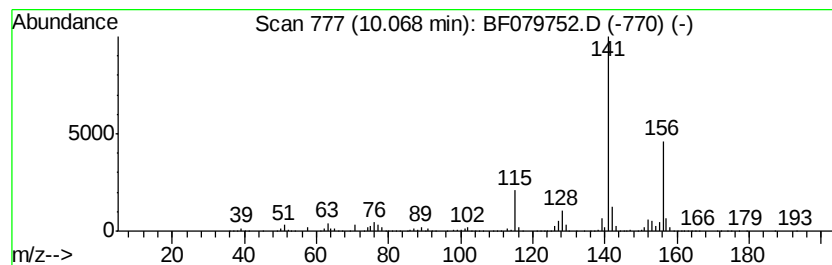
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	43.05 ng	2370470	Acenaphthene-d10	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	45
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	43
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	43



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
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Acq On : 6 Jun 2015 3:33
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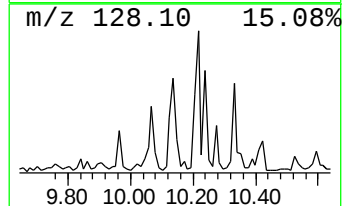
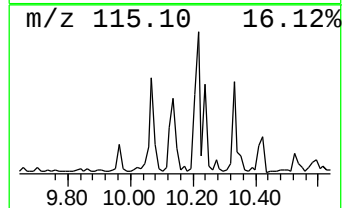
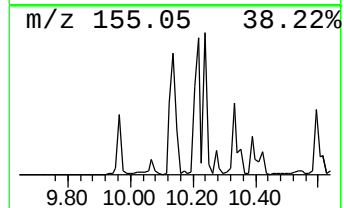
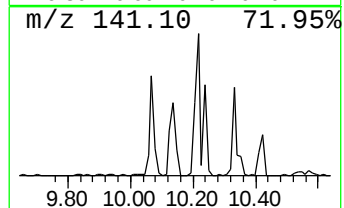
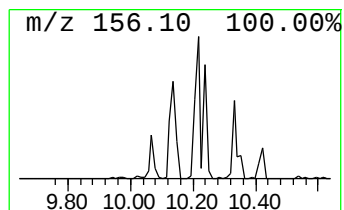
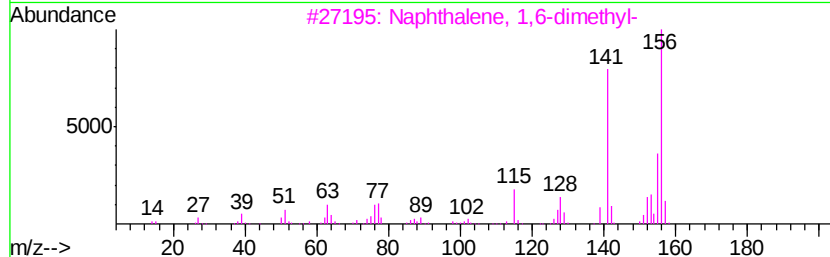
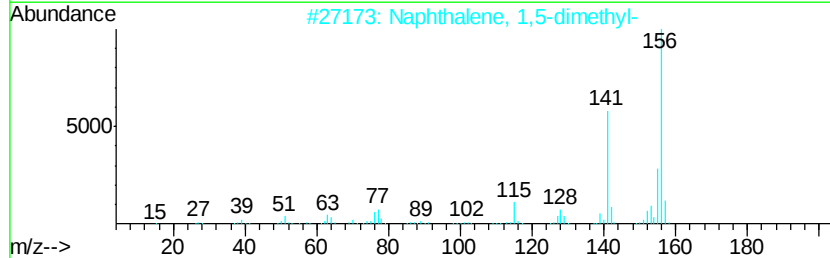
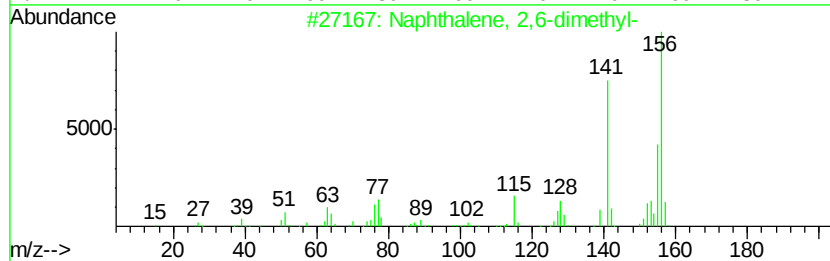
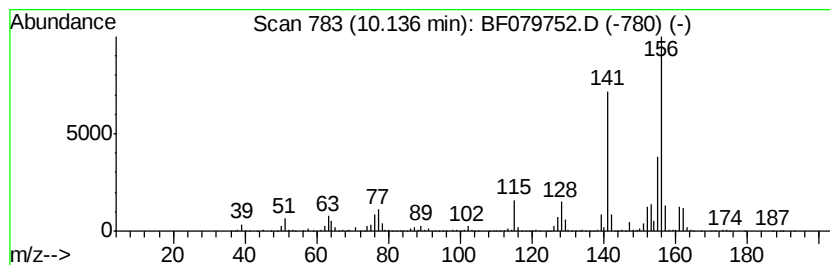
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	67.51 ng	3717180	Acenaphthene-d10	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
Data File : BF079752.D
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ClientSampleId :
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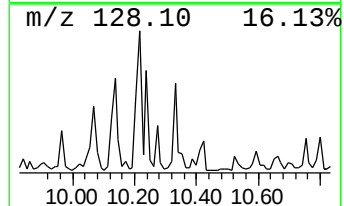
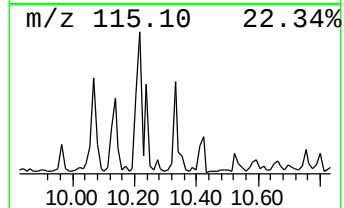
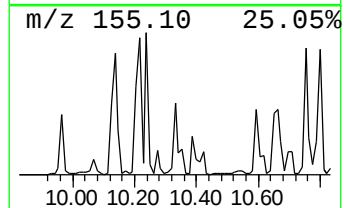
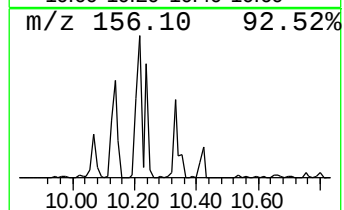
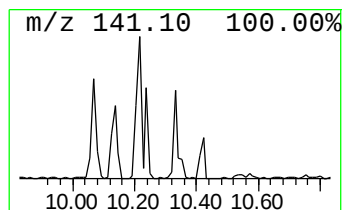
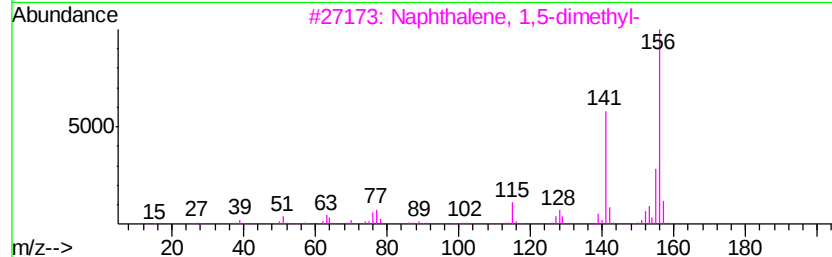
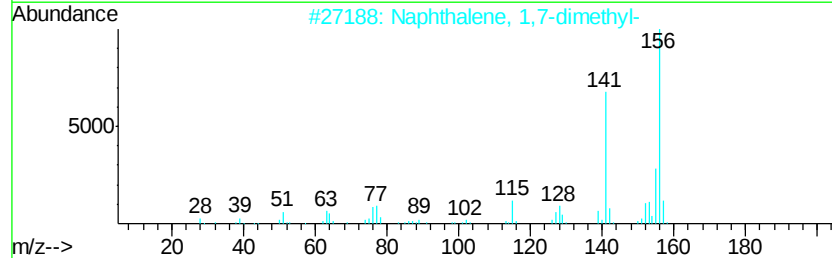
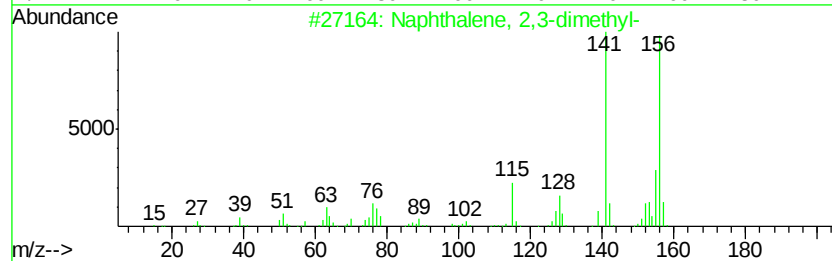
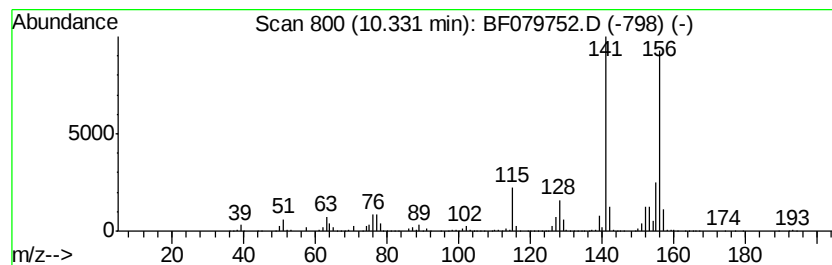
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	44.72 ng	2462540	Acenaphthene-d10	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
Data File : BF079752.D
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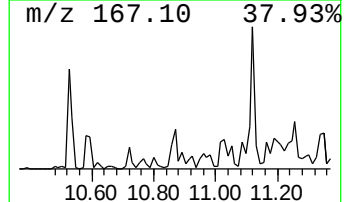
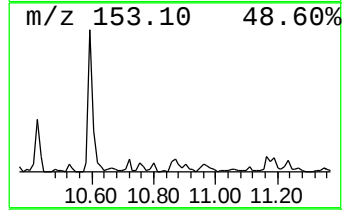
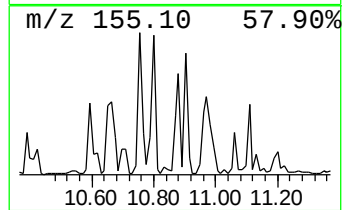
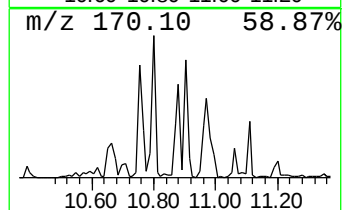
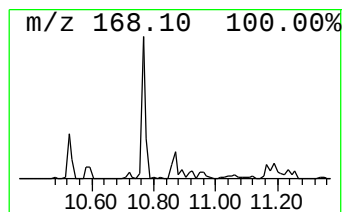
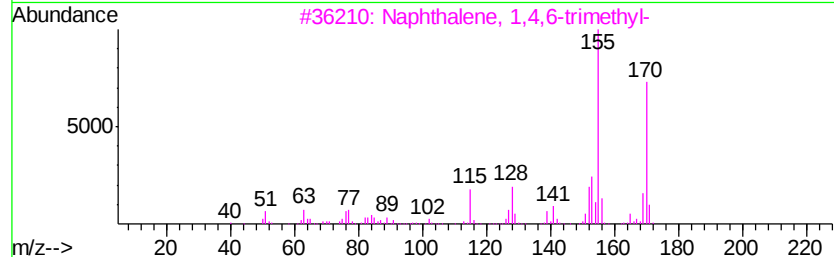
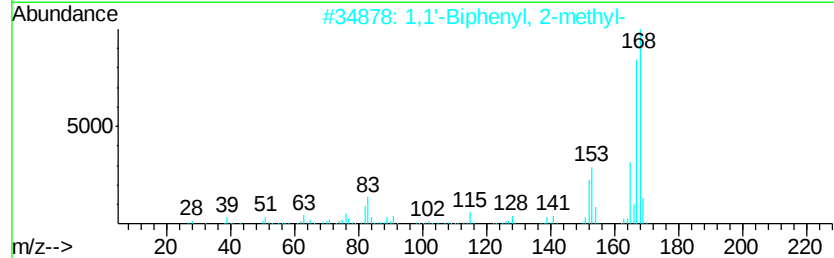
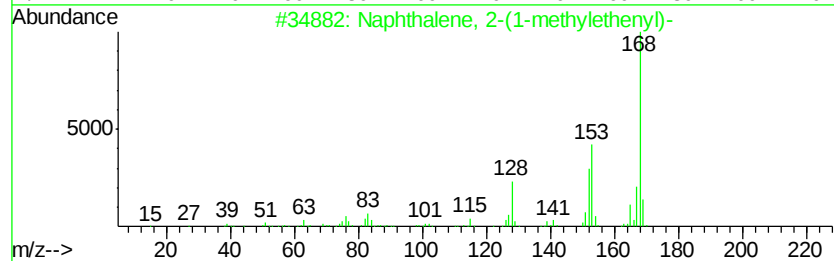
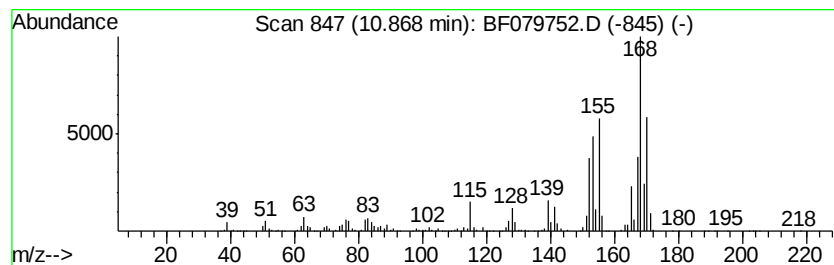
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	29.89 ng	1645750	Acenaphthene-d10	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	45
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	42
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	42
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
Data File : BF079752.D
Acq On : 6 Jun 2015 3:33
Operator : TP/IZ
Sample : G2464-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FD-1-20150603

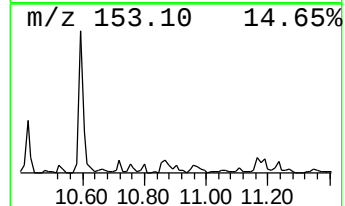
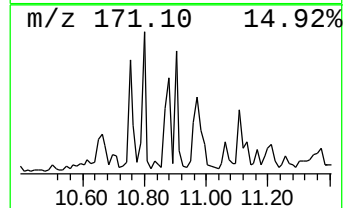
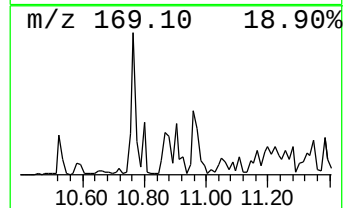
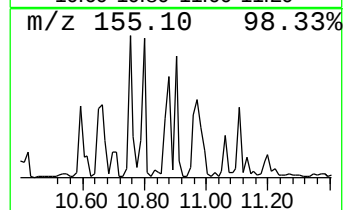
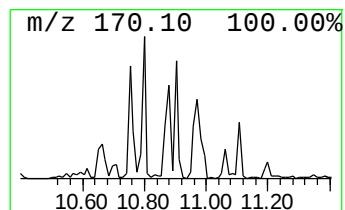
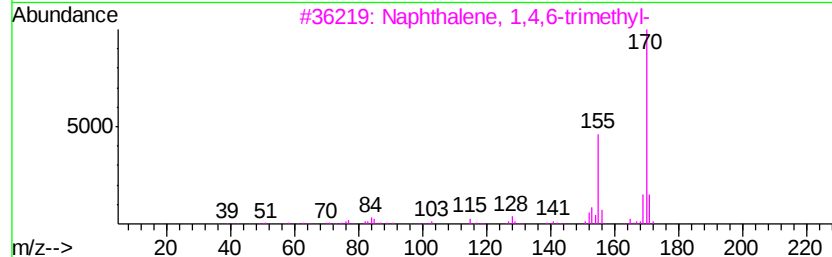
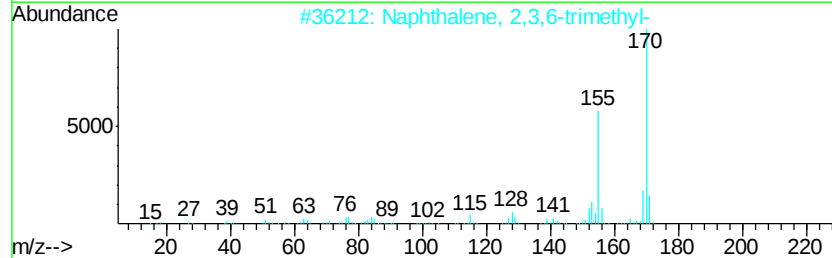
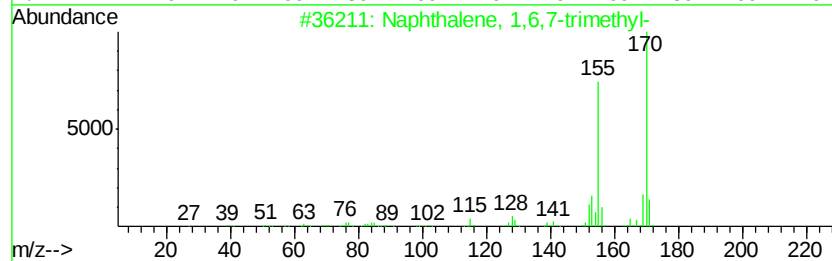
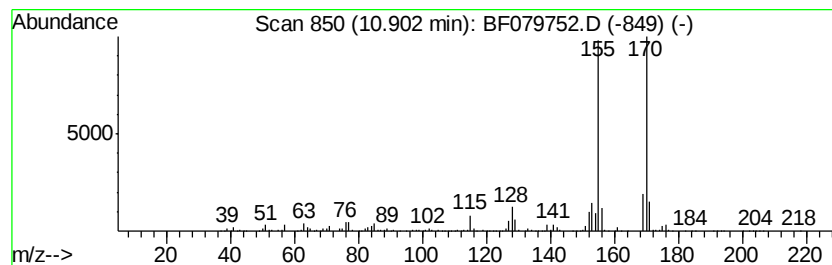
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	17.24 ng	949272	Acenaphthene-d10	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
Data File : BF079752.D
Acq On : 6 Jun 2015 3:33
Operator : TP/IZ
Sample : G2464-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

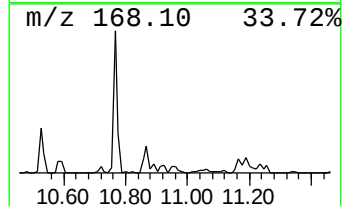
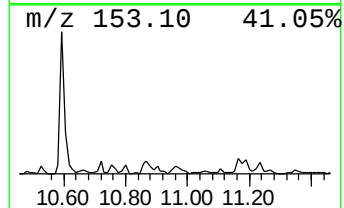
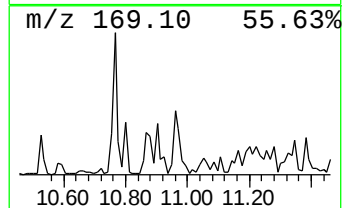
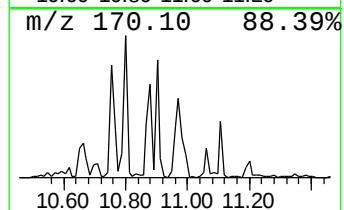
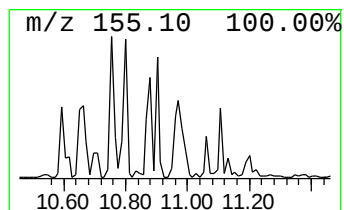
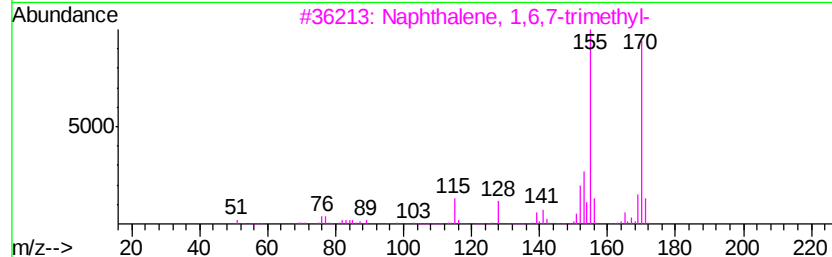
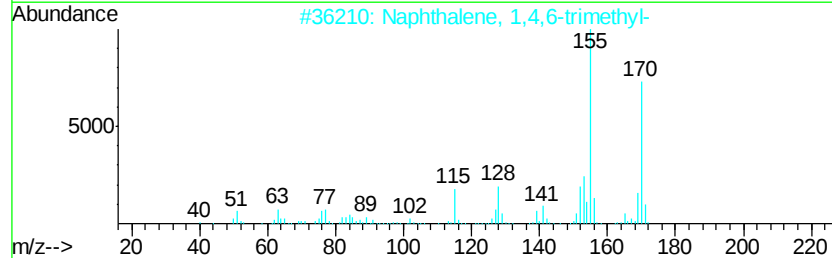
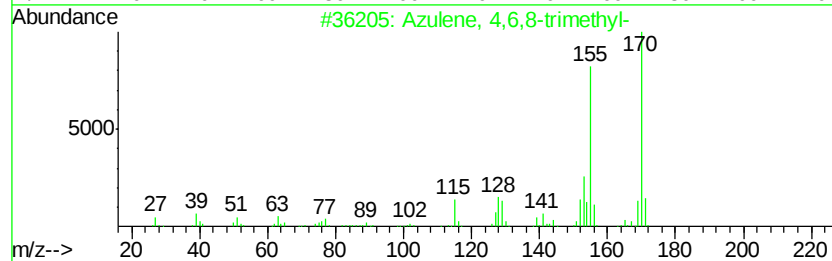
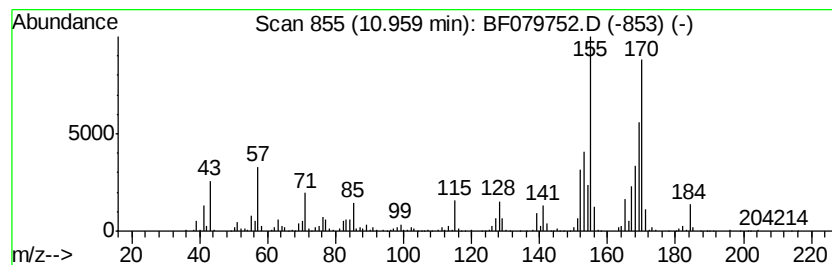
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Azulene, 4,6,8-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	30.45 ng	1676370	Acenaphthene-d10	10.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Azulene, 4,6,8-trimethyl-	170 C13H14	000941-81-1 70
2		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 64
3		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 64
4		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 60
5		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 60



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
Data File : BF079752.D
Acq On : 6 Jun 2015 3:33
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Sample : G2464-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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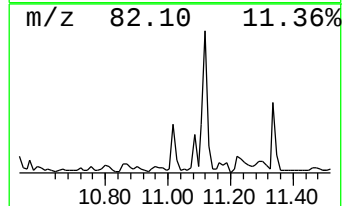
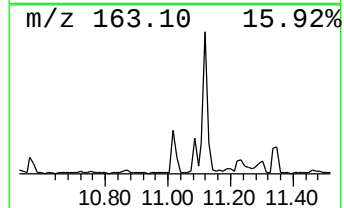
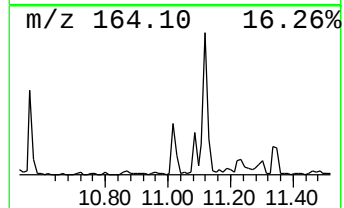
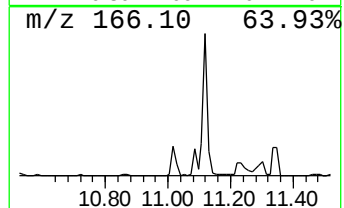
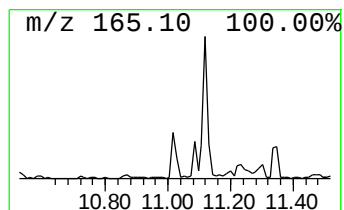
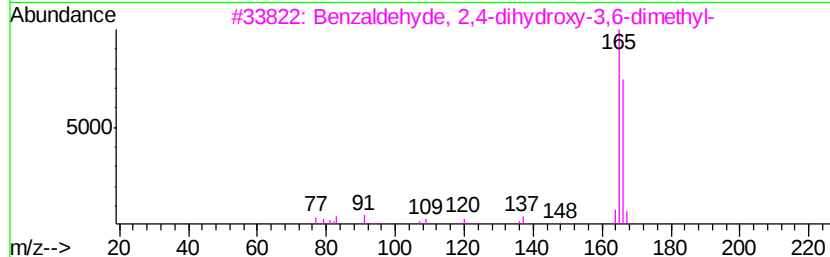
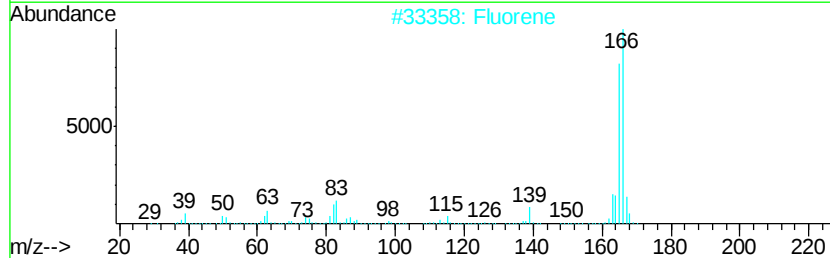
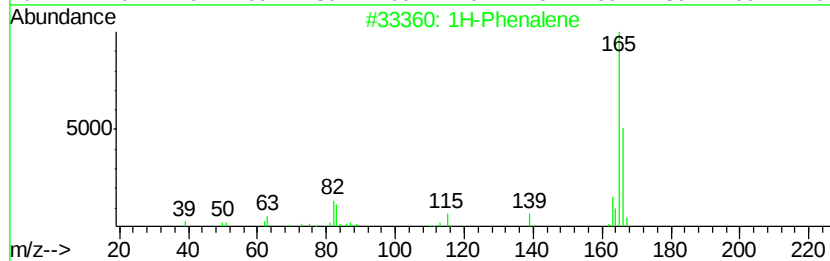
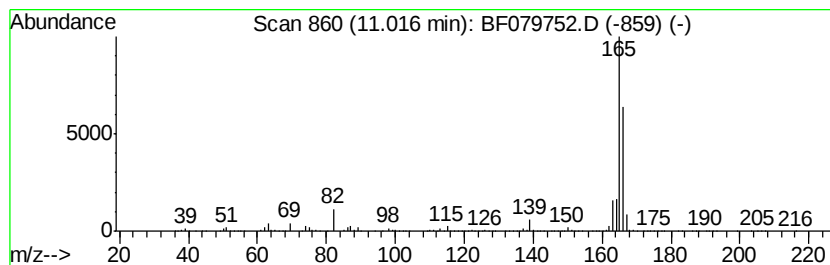
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Phenalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	25.99 ng	1431280	Acenaphthene-d10	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	78
2		Fluorene	166	C13H10	000086-73-7	70
3		Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	64
4		1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	45
5		9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
Data File : BF079752.D
Acq On : 6 Jun 2015 3:33
Operator : TP/IZ
Sample : G2464-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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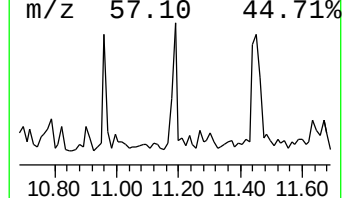
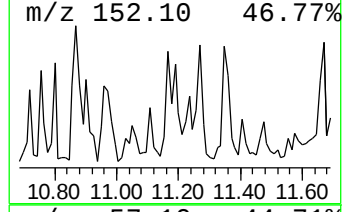
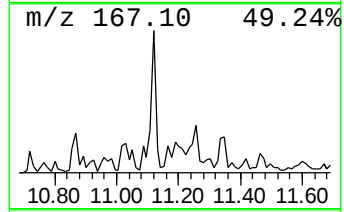
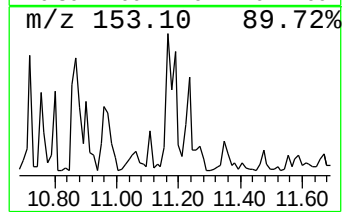
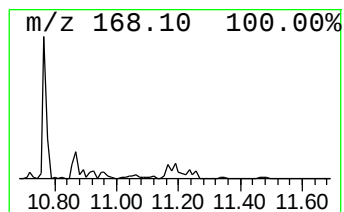
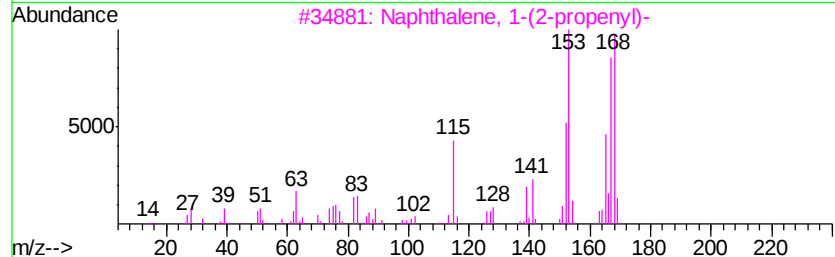
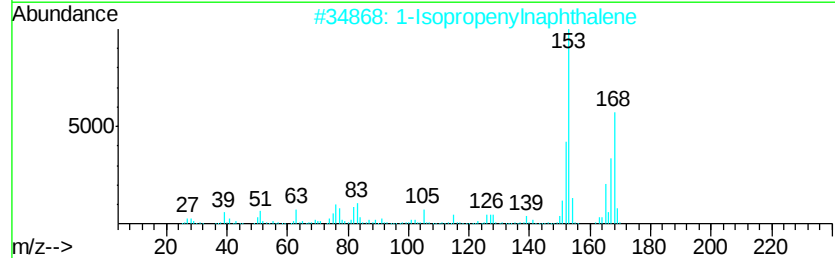
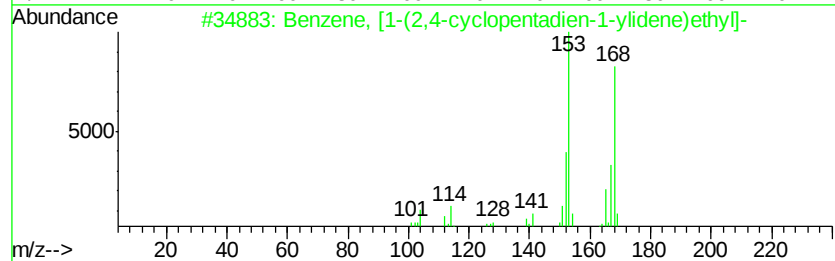
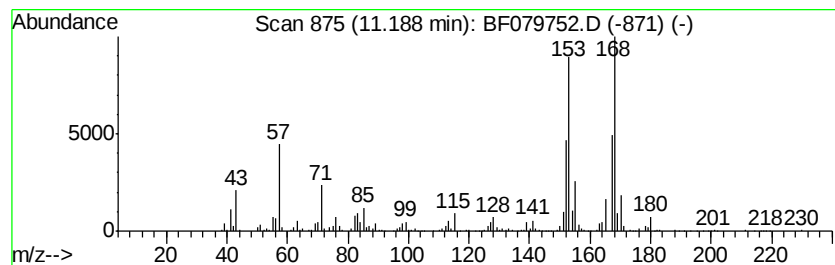
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, [1-(2,4-cyclopenta... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	23.54 ng	1296360	Acenaphthene-d10	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
2		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
3		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
5		1-Methoxy-2-methyl-4-(methylthio...	168	C9H12OS	050390-78-8	47



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
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Acq On : 6 Jun 2015 3:33
Operator : TP/IZ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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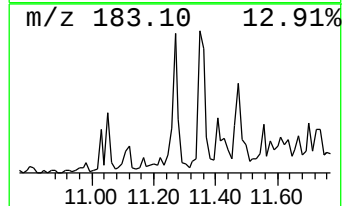
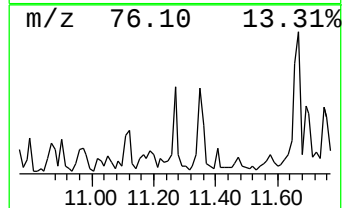
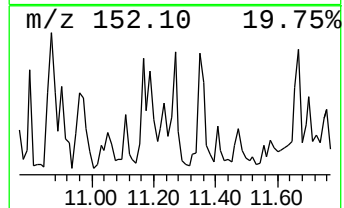
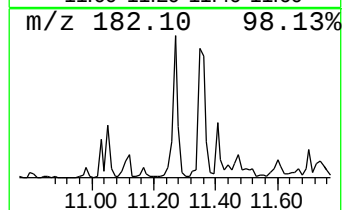
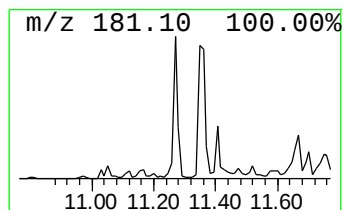
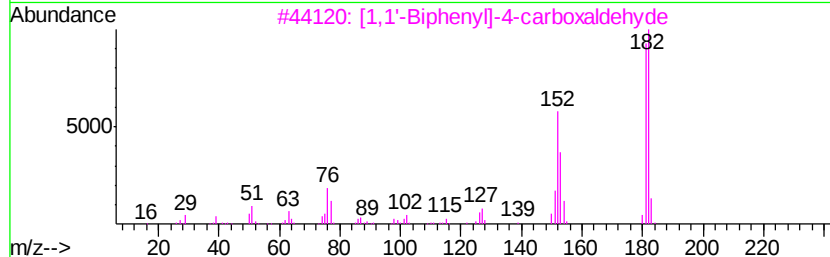
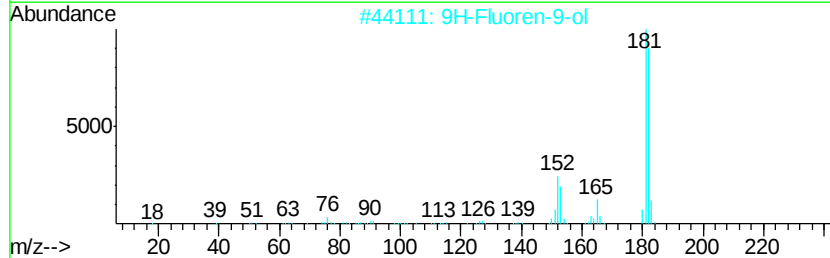
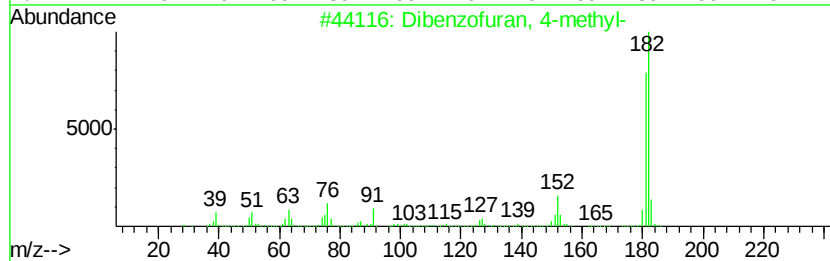
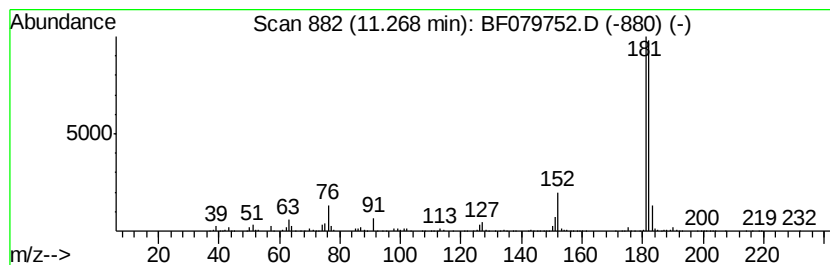
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	22.31 ng	1228470	Acenaphthene-d10	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4		2-Hydroxyfluorene	182	C13H10O	002443-58-5	74
5		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
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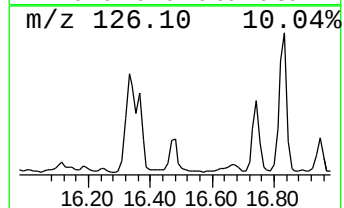
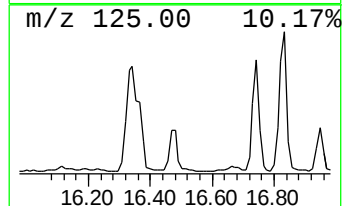
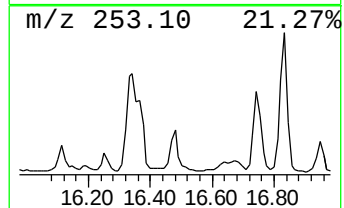
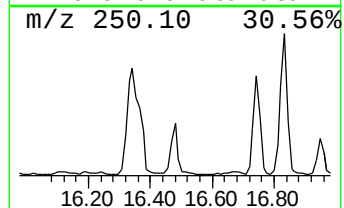
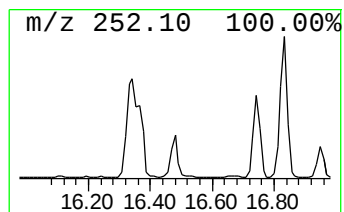
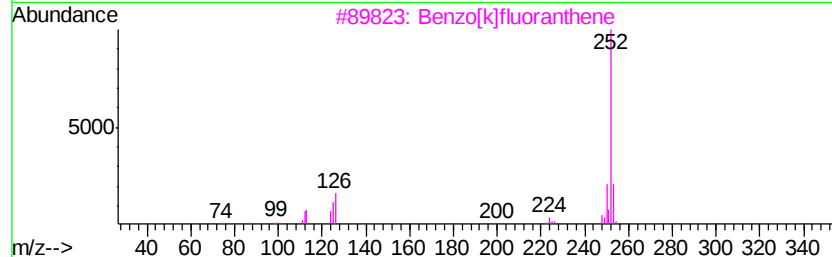
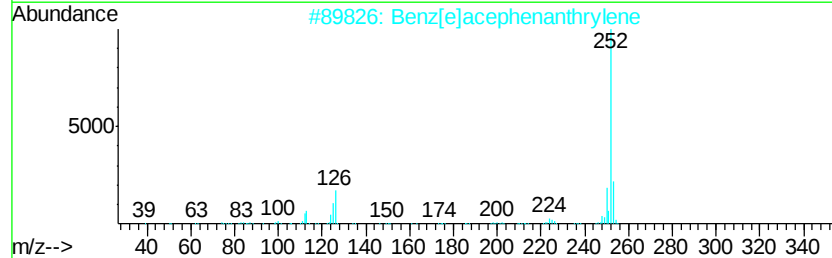
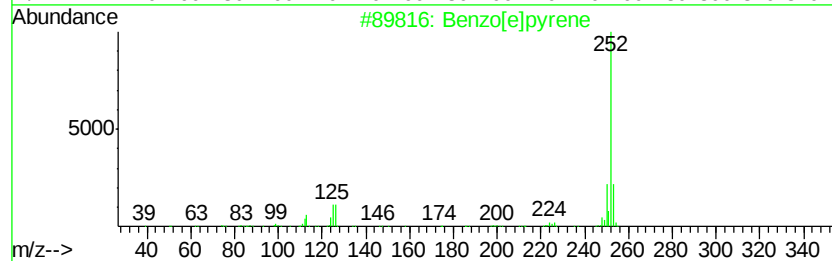
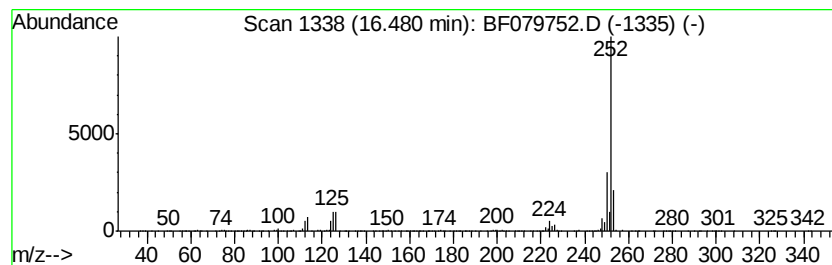
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	30.76 ng	1085890	Perylene-d12	16.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
Data File : BF079752.D
Acq On : 6 Jun 2015 3:33
Operator : TP/IZ
Sample : G2464-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FD-1-20150603

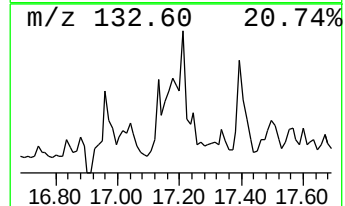
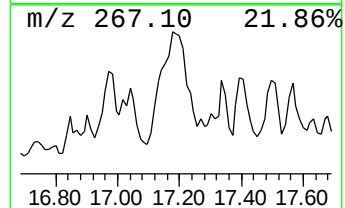
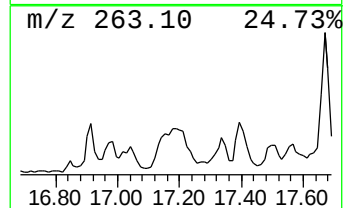
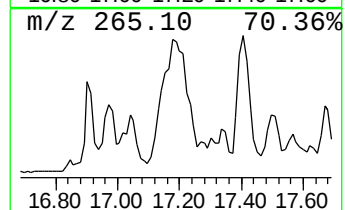
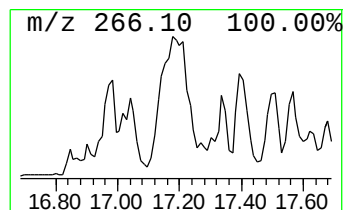
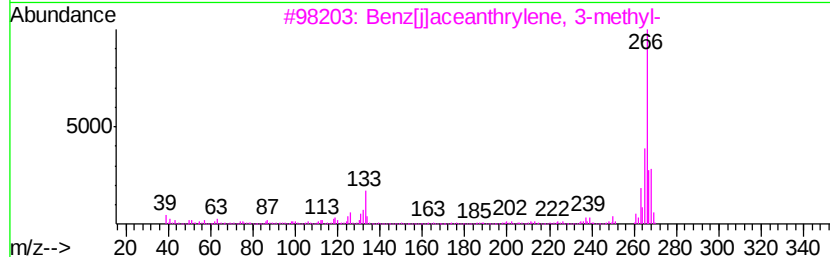
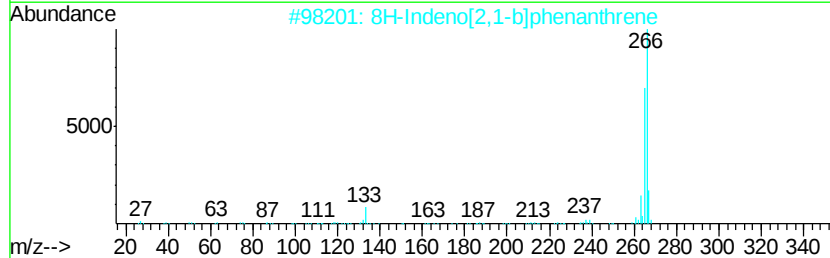
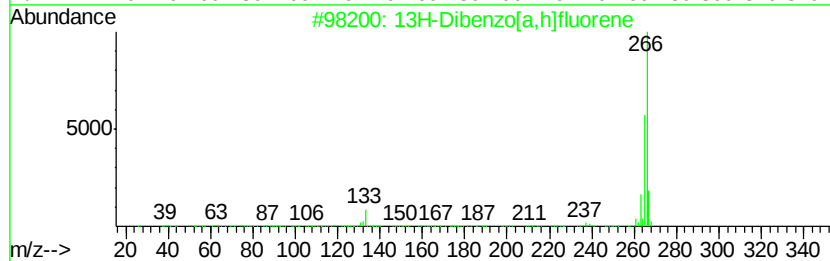
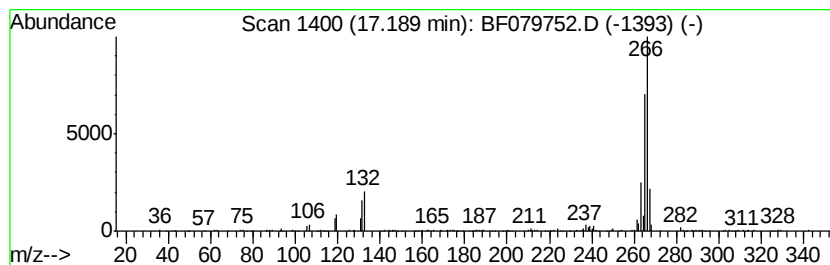
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 13H-Dibenzo[a,h]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	32.65 ng	1152670	Perylene-d12	16.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	93
2		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	93
3		Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	78
4		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	70
5		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	50



Data Path : Z:\HPCHEM1\BNA_F\Data\BF060515\
 Data File : BF079752.D
 Acq On : 6 Jun 2015 3:33
 Operator : TP/IZ
 Sample : G2464-09 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-1-20150603

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2,2-dime...	2.42	89.3	ng	2630810	1	7.48	589219	20.0
Benzene, 1,3-dime...	6.35	20.1	ng	593399	1	7.48	589219	20.0
Benzene, 1,2,3-tr...	7.31	46.8	ng	1378260	1	7.48	589219	20.0
Benzene, 1,3,5-tr...	7.55	20.0	ng	589219	1	7.48	589219	20.0
Indane	7.68	45.1	ng	1327940	1	7.48	589219	20.0
Indene	7.76	72.6	ng	2138850	1	7.48	589219	20.0
Naphthalene, 2-et...	10.07	43.0	ng	2370470	3	10.56	1101220	20.0
Naphthalene, 2,6-...	10.14	67.5	ng	3717180	3	10.56	1101220	20.0
Naphthalene, 2,3-...	10.33	44.7	ng	2462540	3	10.56	1101220	20.0
Naphthalene, 2-(1...	10.87	29.9	ng	1645750	3	10.56	1101220	20.0
Naphthalene, 1,6,...	10.90	17.2	ng	949272	3	10.56	1101220	20.0
Azulene, 4,6,8-tr...	10.96	30.4	ng	1676370	3	10.56	1101220	20.0
1H-Phenalene	11.02	26.0	ng	1431280	3	10.56	1101220	20.0
Benzene, [1-(2,4-...	11.19	23.5	ng	1296360	3	10.56	1101220	20.0
Dibenzofuran, 4-m...	11.27	22.3	ng	1228470	3	10.56	1101220	20.0
Benzo[e]pyrene	16.48	30.8	ng	1085890	6	16.90	706129	20.0
13H-Dibenzo[a,h]f...	17.19	32.6	ng	1152670	6	16.90	706129	20.0