

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083447.D
 Acq On : 3 Dec 2015 6:53
 Operator : UM/IZ
 Sample : G4583-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)

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-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.647	256	259	268	rBV	787184	1534847	2.79%	0.368%
2	4.933	281	284	286	rBV	3241351	4495943	8.17%	1.078%
3	5.047	291	294	299	rBV	1716086	2546842	4.63%	0.611%
4	5.127	299	301	310	rBV	4333897	5098750	9.26%	1.223%
5	5.321	315	318	321	rBV2	1086091	1608363	2.92%	0.386%
6	6.053	380	382	384	rBV	2161358	2202621	4.00%	0.528%
7	6.213	394	396	399	rBV	4783465	5509013	10.01%	1.321%
8	6.316	403	405	408	rVV	5340457	5387478	9.79%	1.292%
9	6.361	408	409	413	rVB2	1287425	2218326	4.03%	0.532%
10	6.727	439	441	443	rVB	7536976	7599143	13.81%	1.822%
11	6.807	445	448	450	rBV	3377653	3993682	7.26%	0.958%
12	7.116	470	475	478	rVB2	3316591	4305984	7.82%	1.032%
13	7.173	478	480	482	rBV2	674542	1054996	1.92%	0.253%
14	7.584	513	516	518	rVV2	1499087	2485970	4.52%	0.596%
15	7.619	518	519	522	rVV	1309713	1744742	3.17%	0.418%
16	7.904	536	544	546	rBV	15174512	55036194	100.00%	13.196%
17	8.282	574	577	580	rBV3	1348886	2003155	3.64%	0.480%
18	8.453	590	592	593	rVV	1052699	1344123	2.44%	0.322%
19	8.556	598	601	603	rVB	8916873	12364441	22.47%	2.965%
20	8.647	606	609	612	rVV	6413985	7769401	14.12%	1.863%
21	8.750	613	618	619	rBV2	717444	1263948	2.30%	0.303%
22	8.876	625	629	630	rBV	1323173	1675087	3.04%	0.402%
23	8.910	630	632	635	rVB	4587358	5076170	9.22%	1.217%
24	9.013	638	641	643	rBV	5497933	6164528	11.20%	1.478%
25	9.105	646	649	652	rVB	4008647	4508934	8.19%	1.081%
26	9.173	652	655	657	rBV	2032652	3219151	5.85%	0.772%
27	9.242	659	661	663	rVV	2572642	4299090	7.81%	1.031%
28	9.310	666	667	670	rVV3	1491628	3202635	5.82%	0.768%
29	9.356	670	671	675	rVB2	1567460	2098450	3.81%	0.503%
30	9.436	675	678	680	rBV	3288633	4409828	8.01%	1.057%
31	9.539	685	687	688	rVV	1600406	1761931	3.20%	0.422%
32	9.573	688	690	692	rVV2	2327507	4201816	7.63%	1.007%
33	9.619	692	694	697	rVV	8292777	14498019	26.34%	3.476%
34	9.687	697	700	702	rVV	762830	1612148	2.93%	0.387%

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35	9.779	702	708	711	rVV2	2096522	4915248	8.93%	1.179%
36	9.825	711	712	713	rVV	1315621	1264910	2.30%	0.303%
37	9.859	713	715	716	rVV	1237627	1593994	2.90%	0.382%
38	9.893	716	718	720	rVV	1522868	2324971	4.22%	0.557%
39	9.928	720	721	724	rVV	939369	1409002	2.56%	0.338%
40	9.985	724	726	727	rVV	960245	1503494	2.73%	0.360%
41	10.030	728	730	732	rVV	2346038	2871602	5.22%	0.689%
42	10.088	732	735	736	rVV3	1263385	2358924	4.29%	0.566%
43	10.133	736	739	741	rVV	5682753	8265563	15.02%	1.982%
44	10.190	741	744	746	rVV4	922218	2186965	3.97%	0.524%
45	10.248	746	749	751	rVV3	1768056	4213585	7.66%	1.010%
46	10.305	753	754	755	rVV	1110353	1006123	1.83%	0.241%
47	10.362	755	759	761	rVV3	2867002	6494342	11.80%	1.557%
48	10.408	761	763	766	rVV4	466103	1202771	2.19%	0.288%
49	10.522	769	773	776	rVV2	1664028	4208639	7.65%	1.009%
50	10.682	783	787	789	rVV	1155539	2823140	5.13%	0.677%
51	10.716	789	790	793	rVV2	1202788	2025063	3.68%	0.486%
52	10.773	793	795	796	rVV2	870711	1315778	2.39%	0.315%
53	10.830	799	800	803	rVV3	585460	1484407	2.70%	0.356%
54	10.899	805	806	809	rVV2	496684	1002915	1.82%	0.240%
55	11.002	812	815	817	rVV	2268193	3555820	6.46%	0.853%
56	11.048	817	819	821	rVV	803610	1369864	2.49%	0.328%
57	11.173	823	830	832	rVV	10039780	26432209	48.03%	6.338%
58	11.219	832	834	836	rVV	5048197	8236764	14.97%	1.975%
59	11.253	836	837	839	rVV	858944	1062755	1.93%	0.255%
60	11.402	845	850	852	rVV	1077109	2133725	3.88%	0.512%
61	11.471	854	856	858	rVV2	867562	1430311	2.60%	0.343%
62	11.516	858	860	864	rVV2	862364	1739947	3.16%	0.417%
63	11.722	875	878	880	rVV	1994107	3188739	5.79%	0.765%
64	11.768	880	882	884	rVV	2181809	2998849	5.45%	0.719%
65	11.825	884	887	888	rVV	1120601	1666581	3.03%	0.400%
66	11.871	888	891	896	rVV2	3610863	7315131	13.29%	1.754%
67	12.111	909	912	914	rVV	1929875	2733320	4.97%	0.655%
68	12.442	938	941	943	rVV	953087	1520968	2.76%	0.365%
69	12.488	943	945	950	rVV3	633584	1783768	3.24%	0.428%
70	12.682	956	962	964	rBV	6713543	14699829	26.71%	3.525%
71	12.785	969	971	974	rVB	2184335	2966896	5.39%	0.711%

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72	12.991	983	989	992	rVV	6984702	17437791	31.68%	4.181%
73	13.208	1004	1008	1011	rVV	3135963	4399668	7.99%	1.055%
74	13.288	1012	1015	1017	rVV2	573361	1016072	1.85%	0.244%
75	13.414	1022	1026	1027	rBV2	571517	1137170	2.07%	0.273%
76	13.448	1027	1029	1032	rVB	1759348	2222467	4.04%	0.533%
77	13.551	1035	1038	1040	rVV	1266087	2042948	3.71%	0.490%
78	13.596	1040	1042	1044	rVV	972197	1377784	2.50%	0.330%
79	13.722	1051	1053	1055	rVV2	739370	1050428	1.91%	0.252%
80	13.768	1055	1057	1061	rVB	733003	1117182	2.03%	0.268%
81	14.351	1104	1108	1110	rBV2	715120	1264699	2.30%	0.303%
82	14.397	1110	1112	1113	rVV	845937	1189385	2.16%	0.285%
83	14.431	1113	1115	1116	rVV	941820	1262756	2.29%	0.303%
84	14.739	1136	1142	1144	rBV	3979750	9526937	17.31%	2.284%
85	14.797	1144	1147	1150	rVV	3681992	6698894	12.17%	1.606%
86	14.899	1153	1156	1158	rVB	759311	998216	1.81%	0.239%
87	15.345	1192	1195	1198	rBV	704887	1355566	2.46%	0.325%
88	15.494	1203	1208	1209	rBV2	509845	1045507	1.90%	0.251%
89	16.317	1275	1280	1285	rBV	3033644	9383201	17.05%	2.250%
90	16.442	1285	1291	1293	rVV	882914	1528886	2.78%	0.367%
91	16.671	1307	1311	1314	rVV	2071278	3928407	7.14%	0.942%
92	16.762	1314	1319	1321	rVV	3373565	6549984	11.90%	1.571%
93	16.854	1325	1327	1329	rVB	911171	1146603	2.08%	0.275%
94	17.048	1337	1344	1349	rBV3	300582	1451604	2.64%	0.348%
95	17.380	1370	1373	1378	rVV2	566571	1252869	2.28%	0.300%
96	18.043	1427	1431	1434	rBV2	406165	960206	1.74%	0.230%
97	18.203	1440	1445	1448	rBV2	1568428	3150465	5.72%	0.755%
98	18.580	1473	1478	1482	rBV	1326717	2824802	5.13%	0.677%
99	18.774	1491	1495	1499	rVV	547582	1082858	1.97%	0.260%
100	21.449	1725	1729	1735	rVV	293184	1052621	1.91%	0.252%

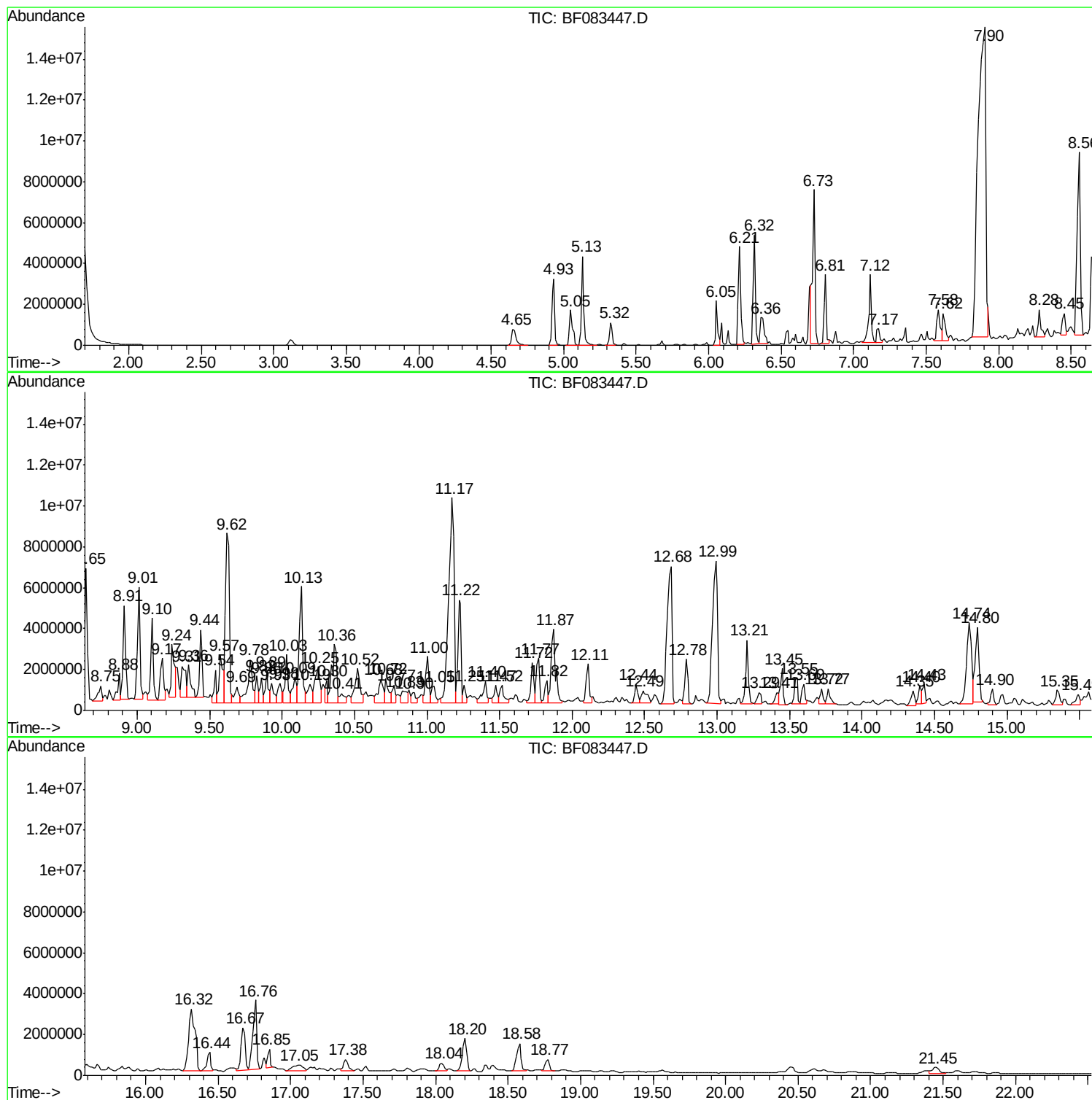
Sum of corrected areas: 417058637

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.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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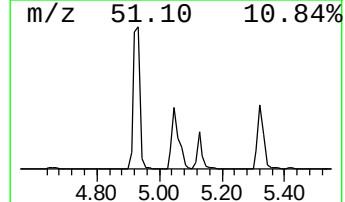
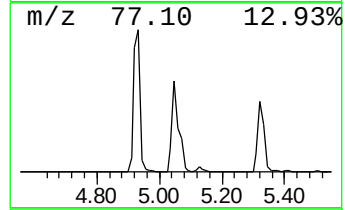
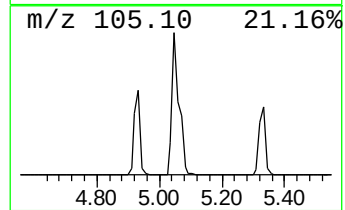
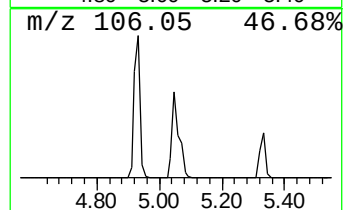
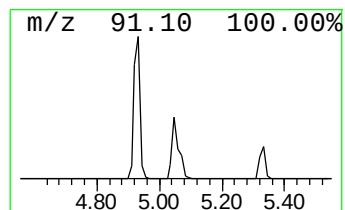
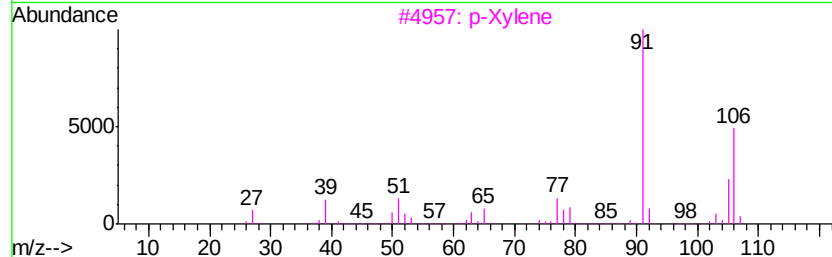
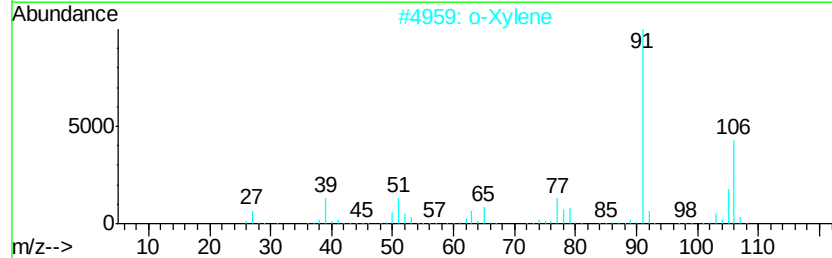
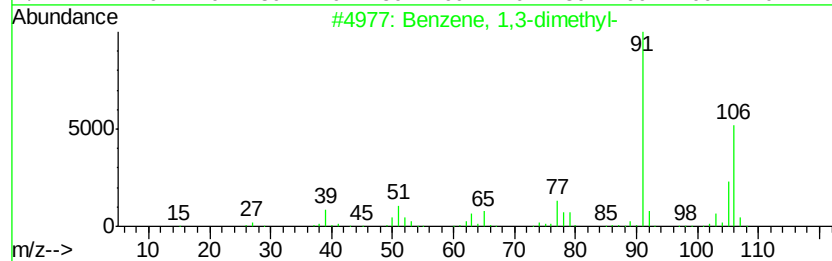
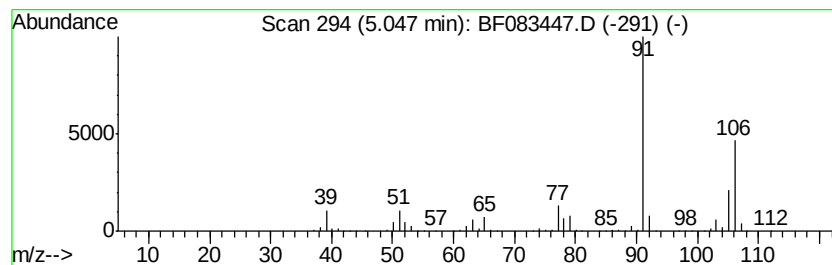
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	22.96 ng	2546840	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		o-Xylene	106	C8H10	000095-47-6	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5		Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86



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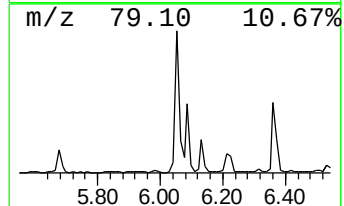
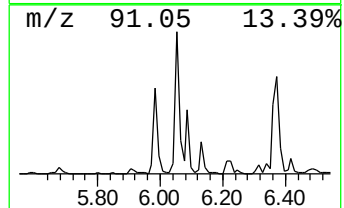
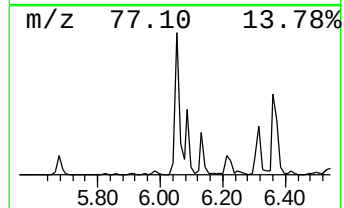
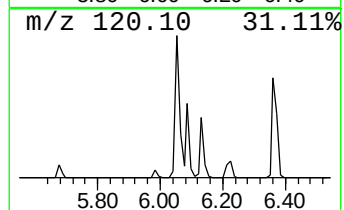
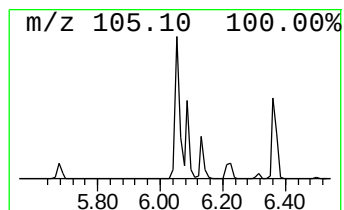
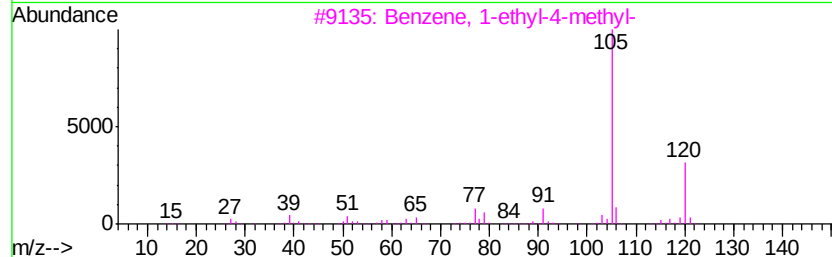
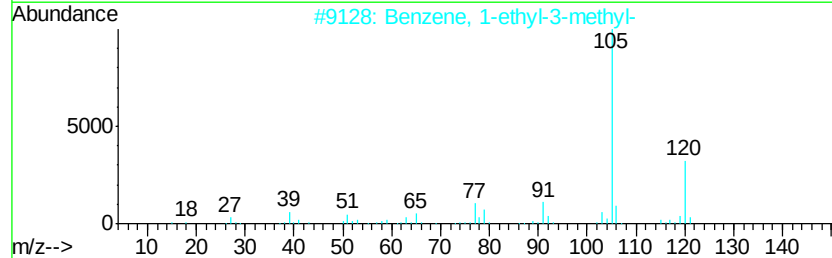
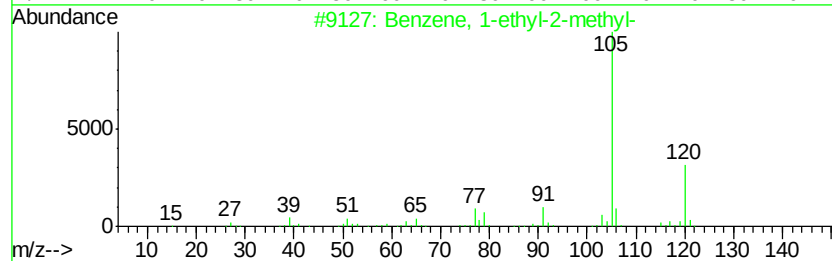
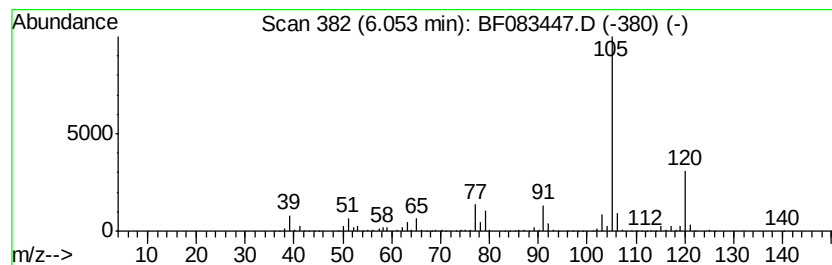
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	19.86 ng	2202620	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91



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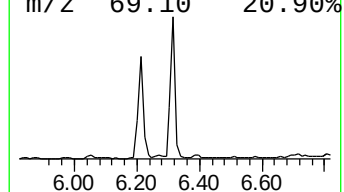
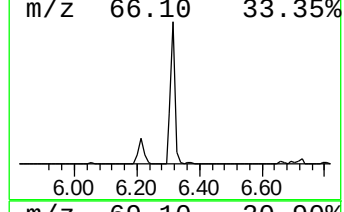
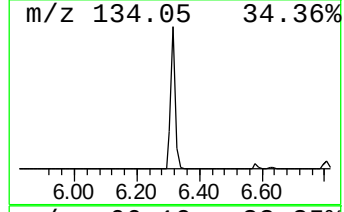
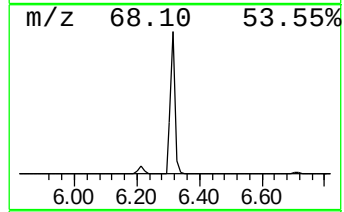
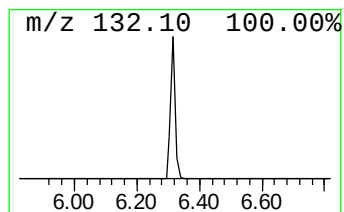
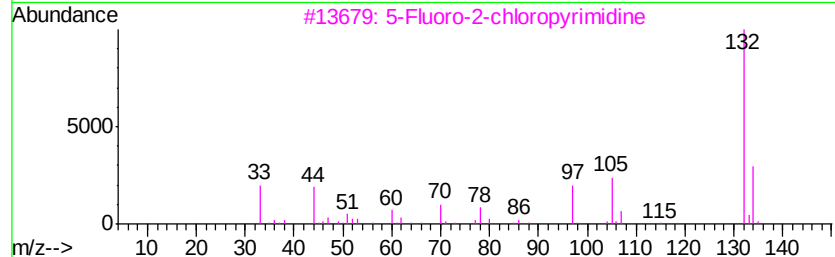
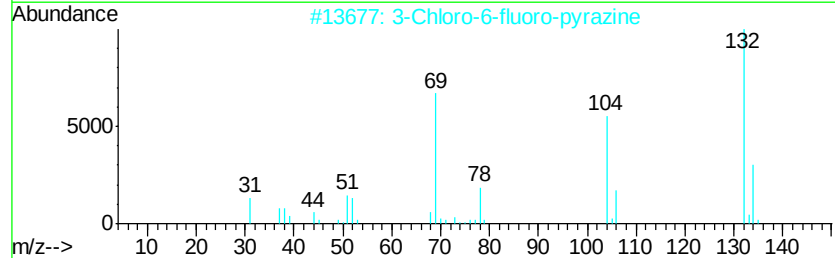
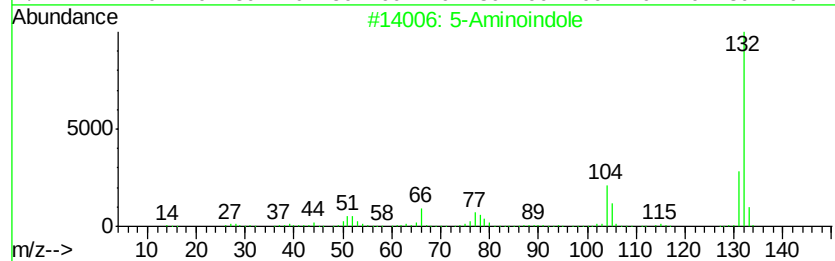
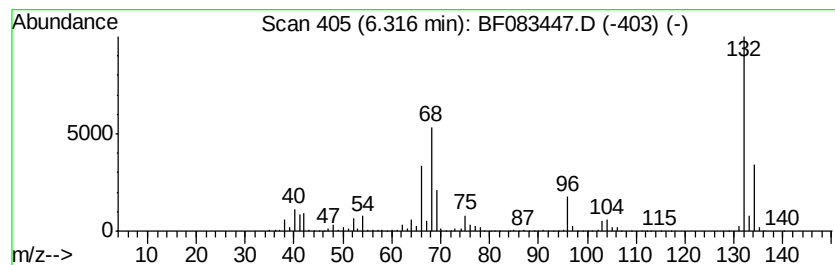
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Peak Number 5 unknown6.32 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	48.57 ng	5387480	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083447.D
Acq On : 3 Dec 2015 6:53
Operator : UM/IZ
Sample : G4583-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)

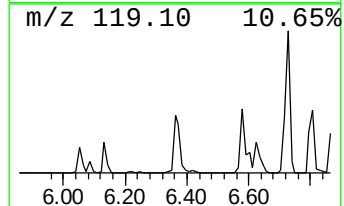
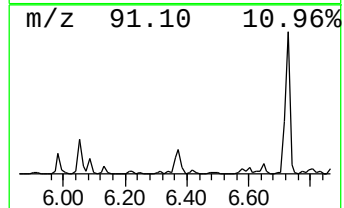
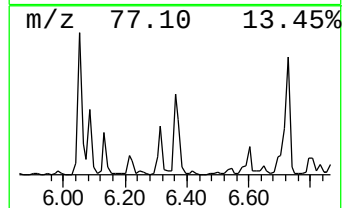
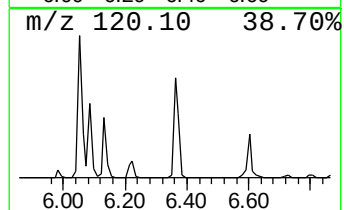
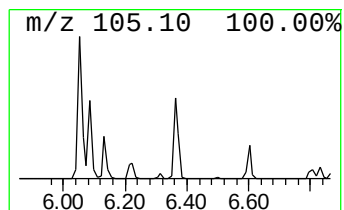
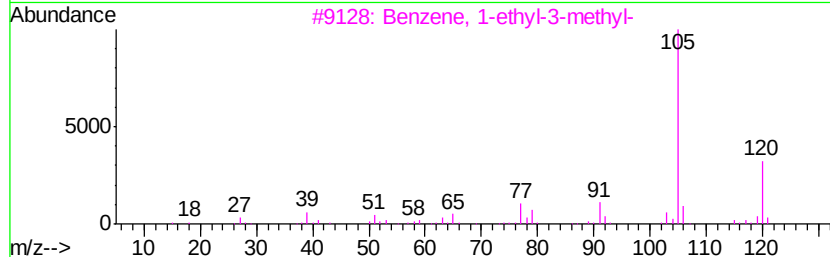
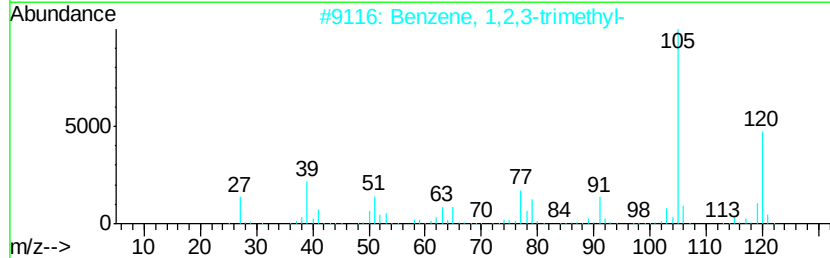
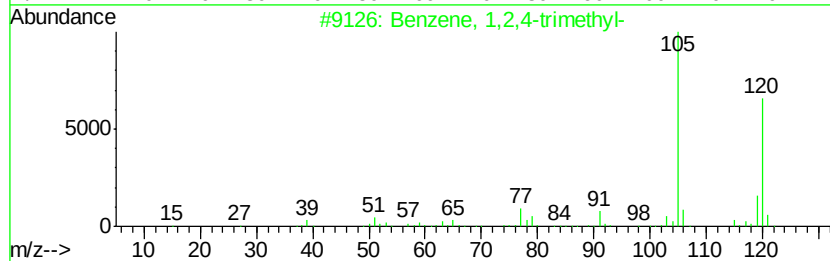
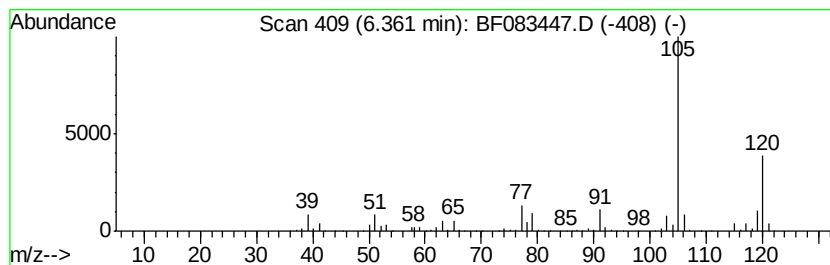
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	20.00 ng	2218330	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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Operator : UM/IZ
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ClientSampleId :
SB-P3WC-09(0-8)

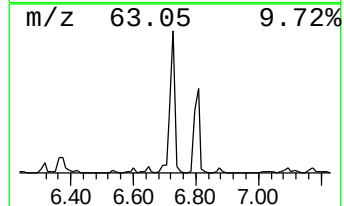
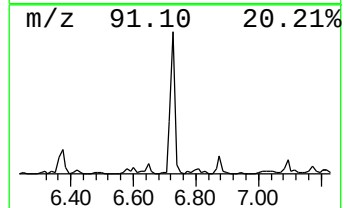
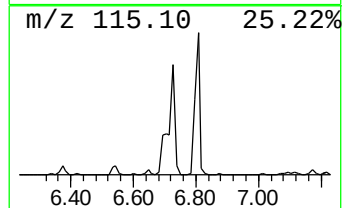
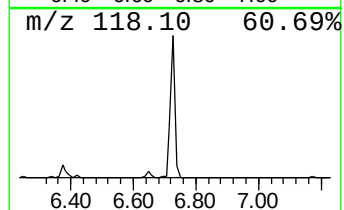
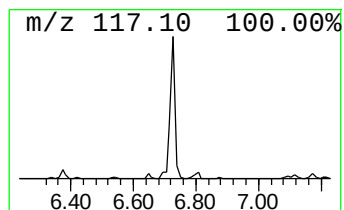
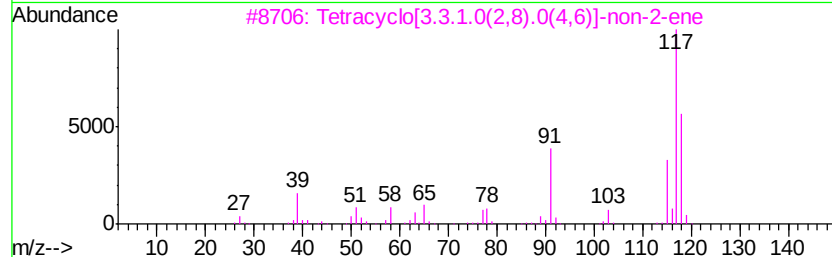
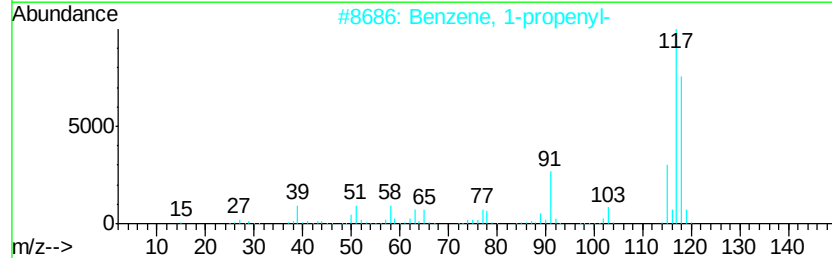
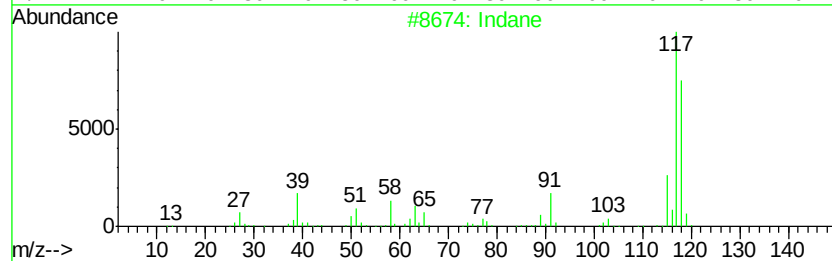
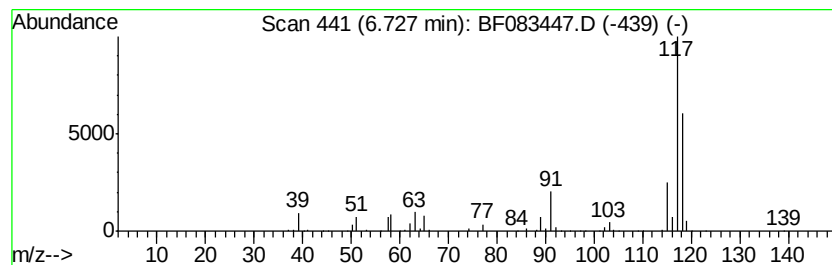
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	68.51 ng	7599140	1,4-Dichlorobenzene-d4	6.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Benzene, 1-propenyl-		118	C9H10	000637-50-3	76
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	74
4	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	74
5	Benzene, cyclopropyl-		118	C9H10	000873-49-4	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083447.D
Acq On : 3 Dec 2015 6:53
Operator : UM/IZ
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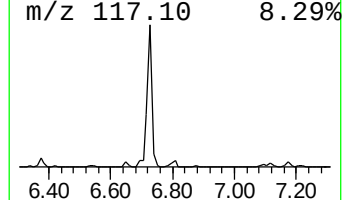
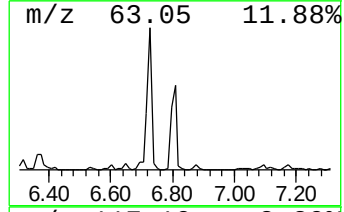
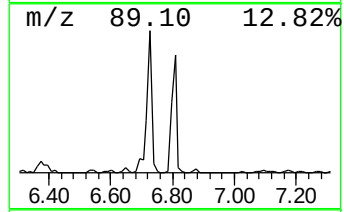
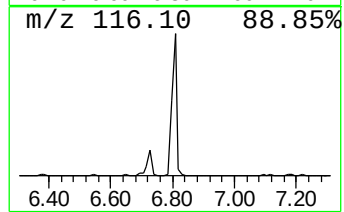
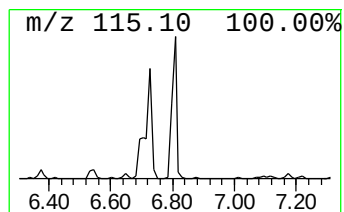
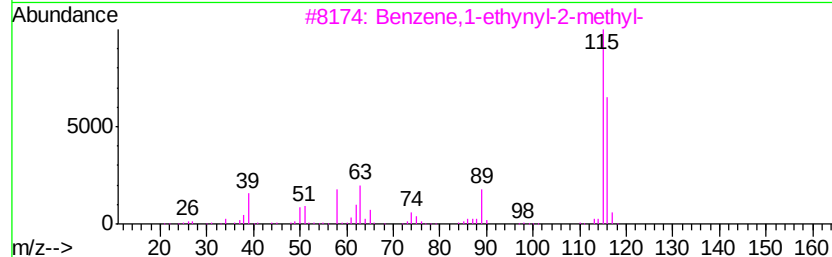
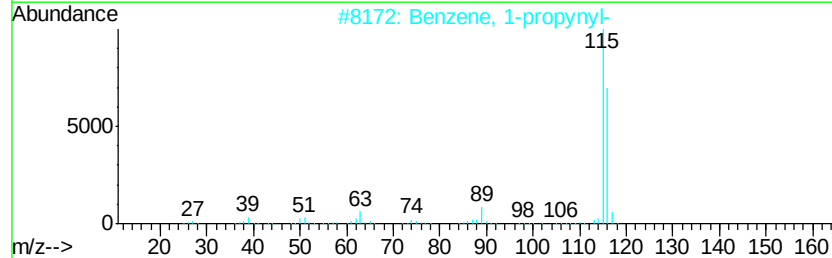
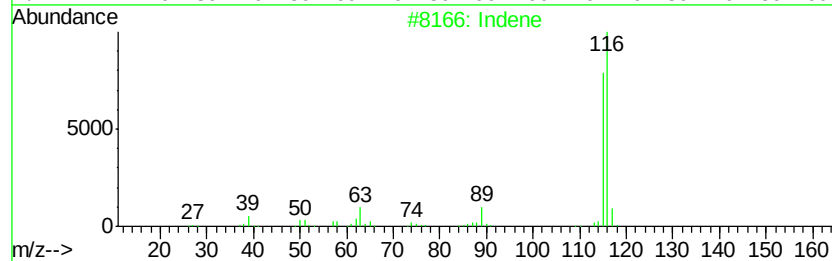
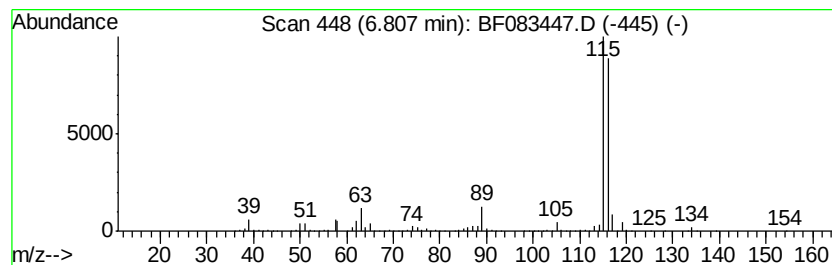
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	36.01 ng	3993680	1,4-Dichlorobenzene-d4	6.54

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	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	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083447.D
Acq On : 3 Dec 2015 6:53
Operator : UM/IZ
Sample : G4583-09
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Instrument :
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ClientSampleId :
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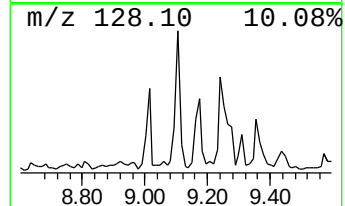
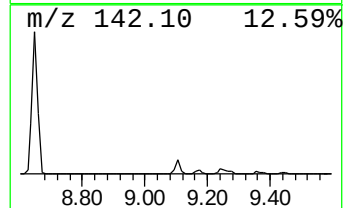
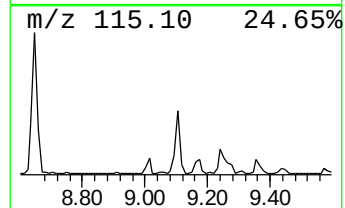
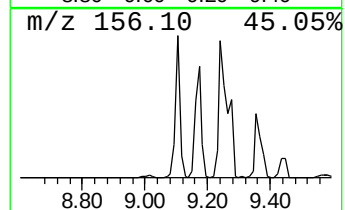
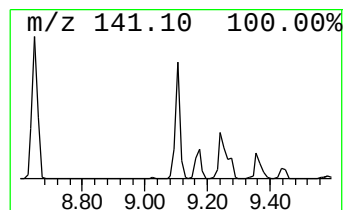
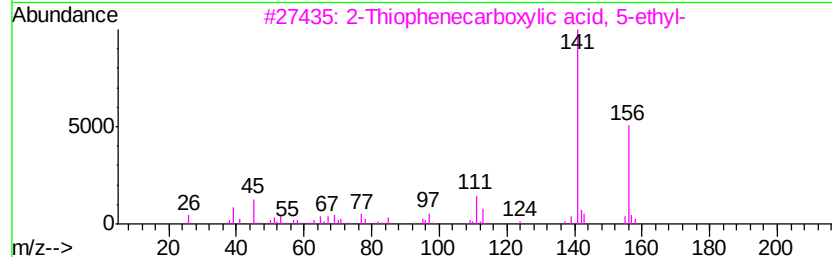
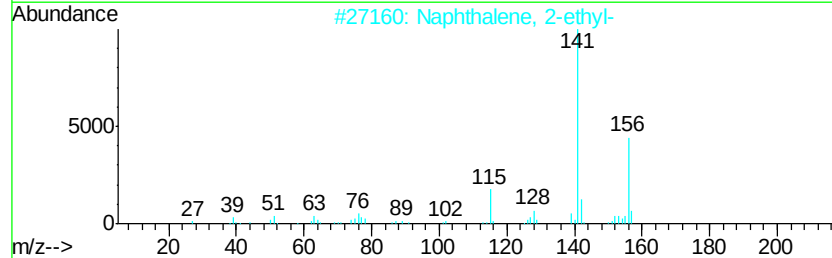
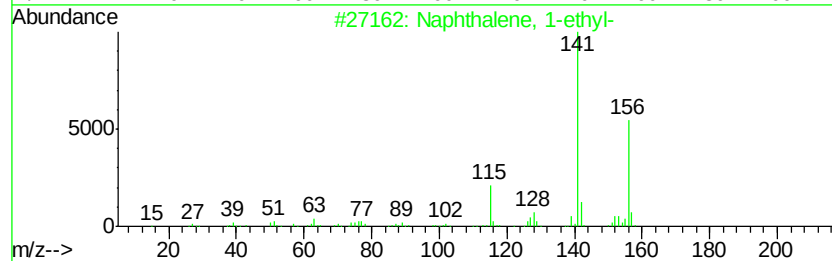
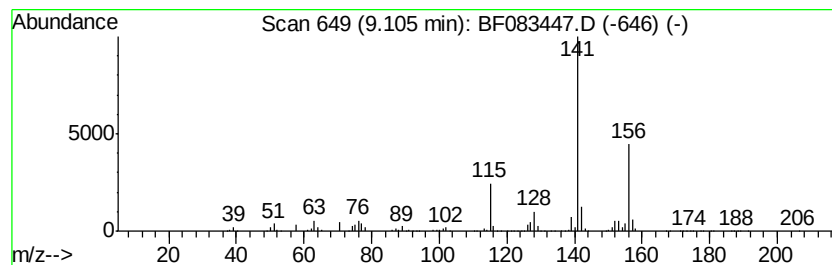
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	21.46 ng	4508930	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	49
5		Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083447.D
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Operator : UM/IZ
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Misc :
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Instrument :
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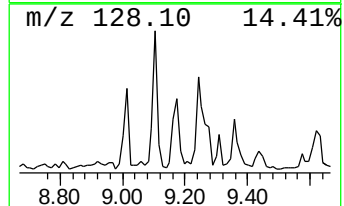
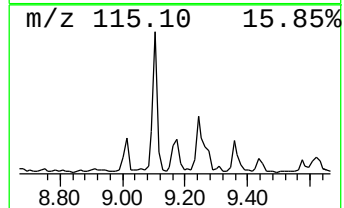
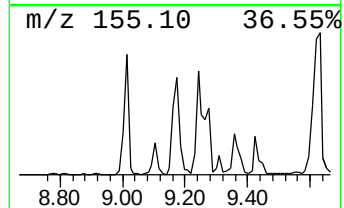
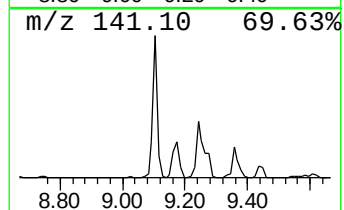
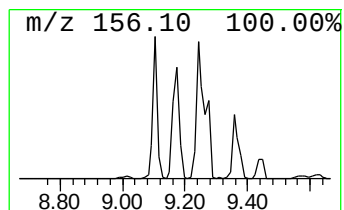
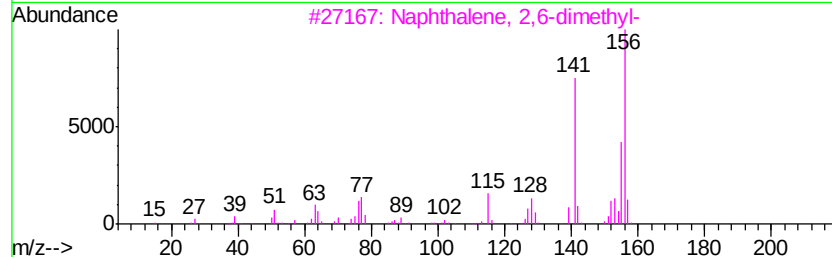
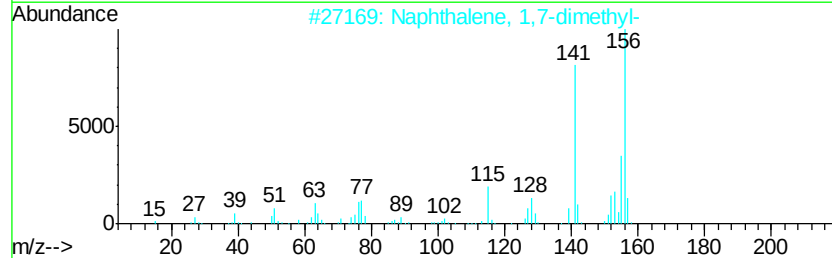
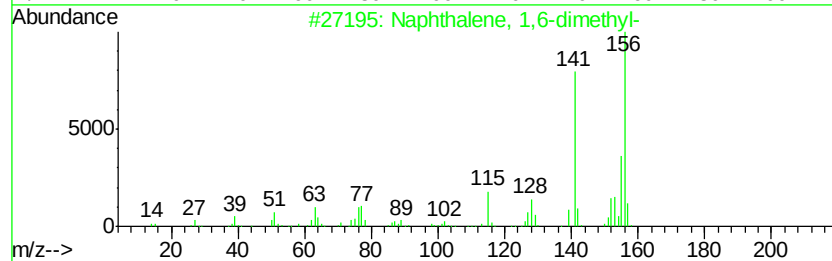
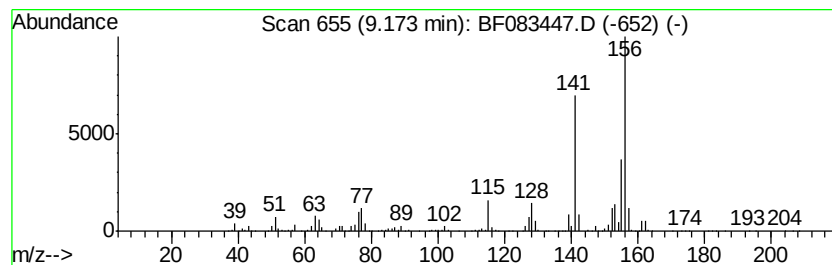
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	15.32 ng	3219150	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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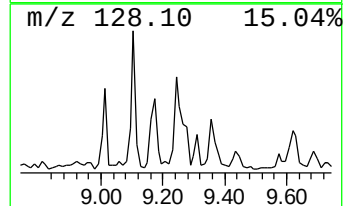
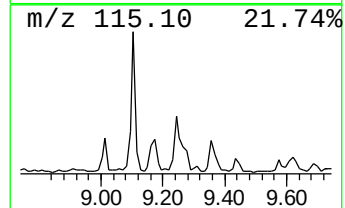
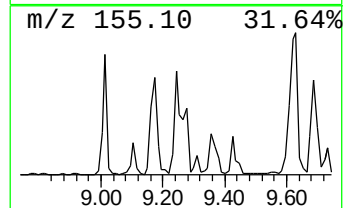
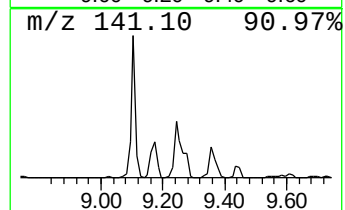
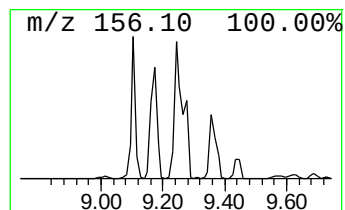
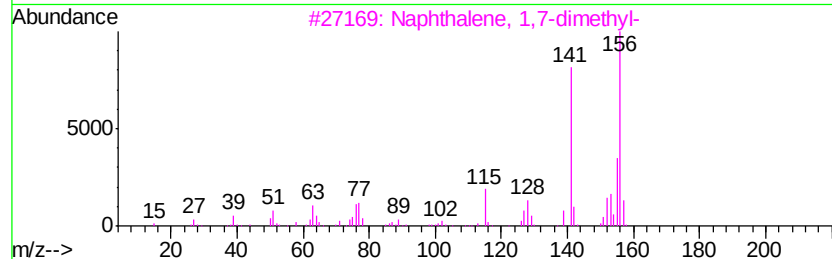
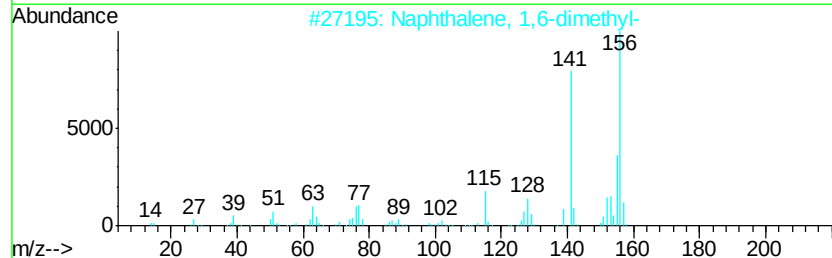
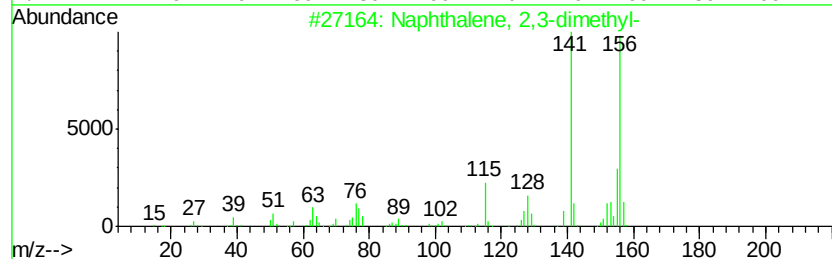
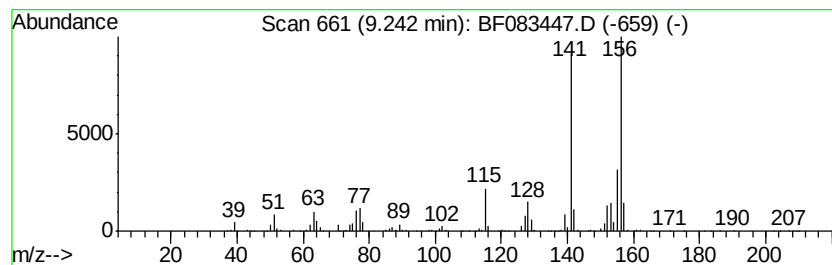
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	20.46 ng	4299090	Acenaphthene-d10	9.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
5		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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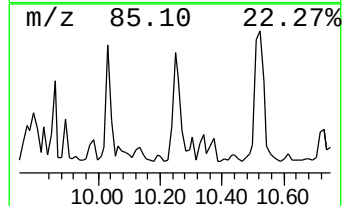
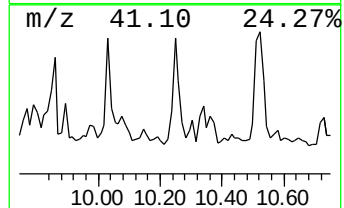
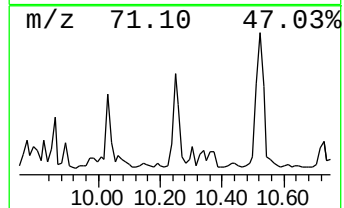
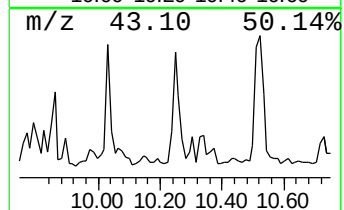
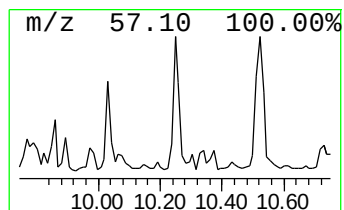
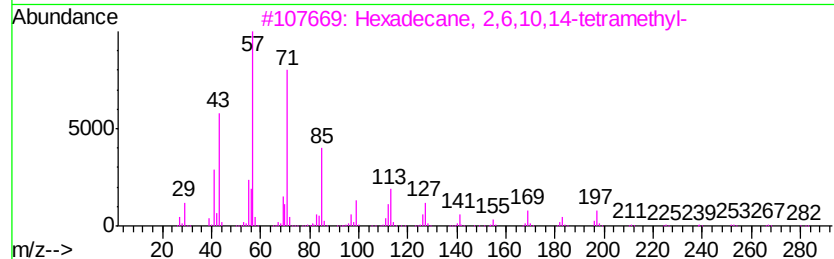
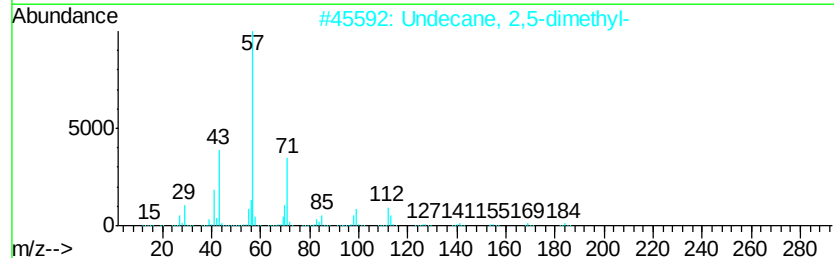
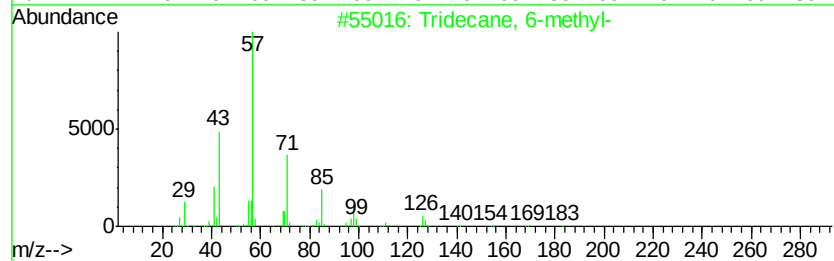
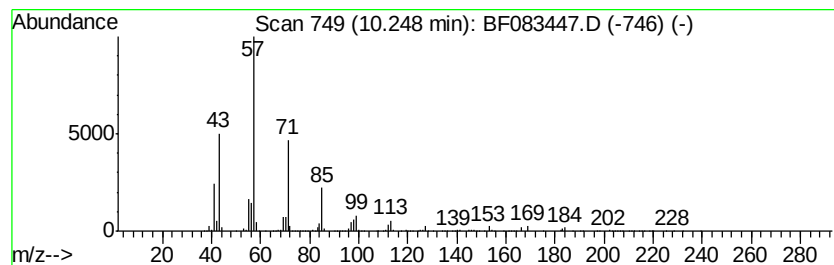
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	20.06 ng	4213590	Acenaphthene-d10	9.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 6-methyl-	198 C14H30	013287-21-3 80
2		Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3 76
3		Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8 72
4		Pentadecane	212 C15H32	000629-62-9 72
5		Tetracosane	338 C24H50	000646-31-1 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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Acq On : 3 Dec 2015 6:53
Operator : UM/IZ
Sample : G4583-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

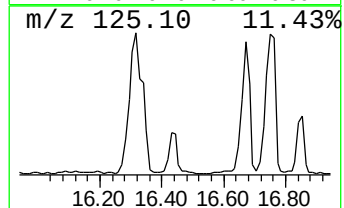
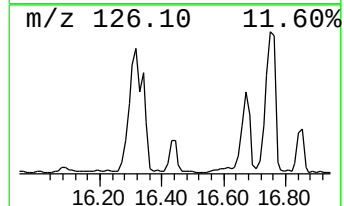
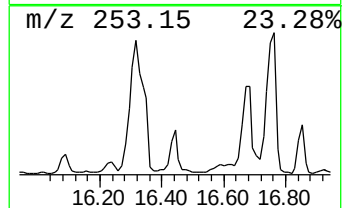
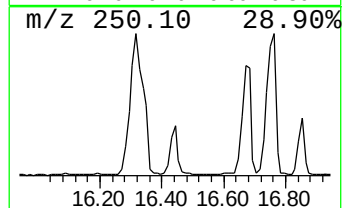
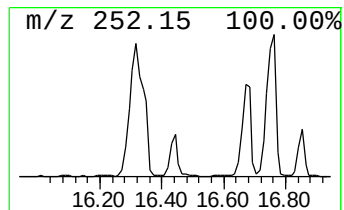
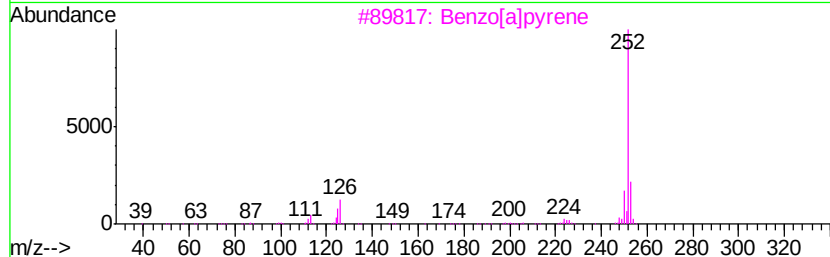
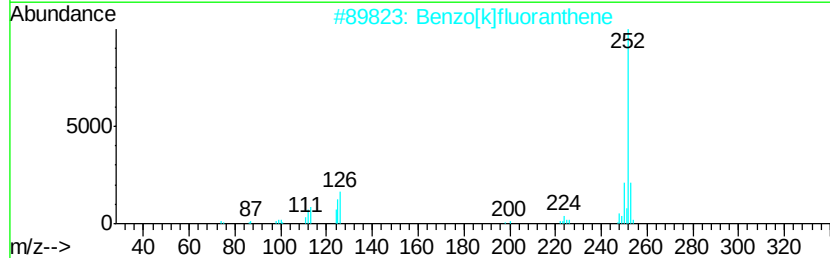
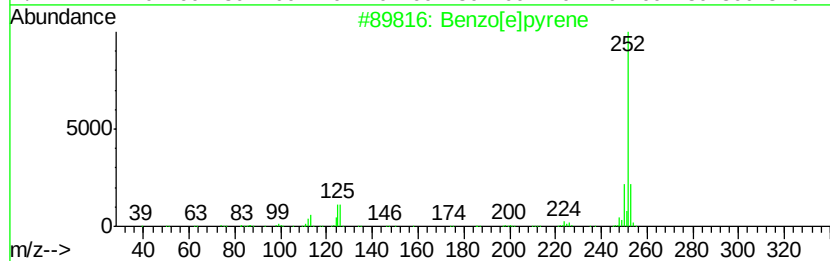
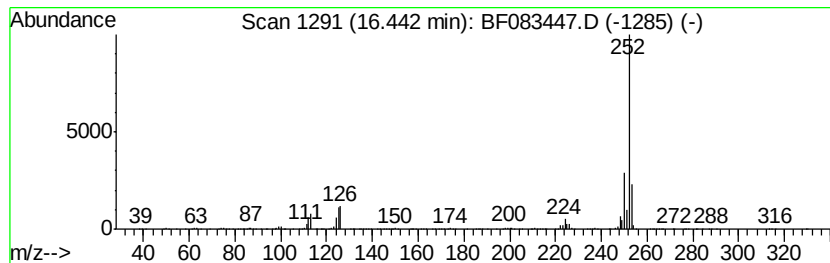
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ClientSampleId :
SB-P3WC-09(0-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	26.67 ng	1528890	Perylene-d12	16.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 98
2		Benzo[k]fluoranthene	252 C20H12	000207-08-9 98
3		Benzo[a]pyrene	252 C20H12	000050-32-8 96
4		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 95
5		Perylene	252 C20H12	000198-55-0 95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083447.D
Acq On : 3 Dec 2015 6:53
Operator : UM/IZ
Sample : G4583-09
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Instrument :
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ClientSampleId :
SB-P3WC-09(0-8)

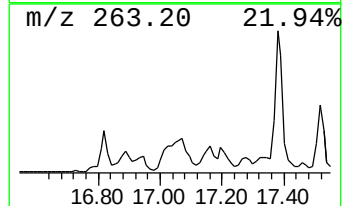
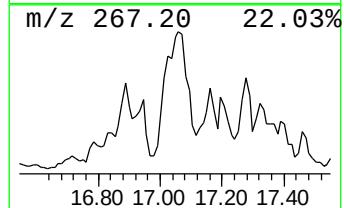
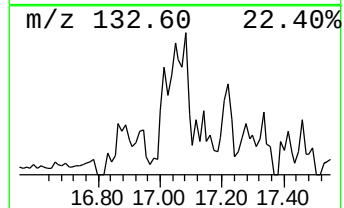
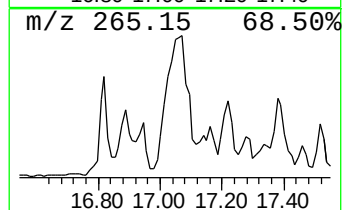
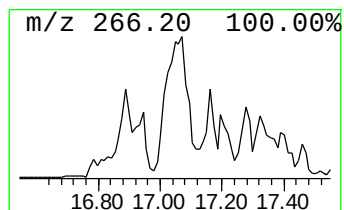
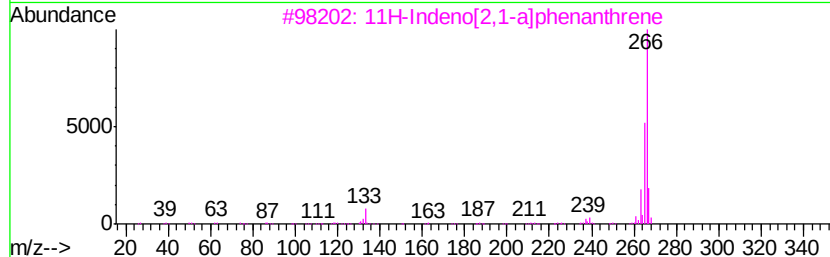
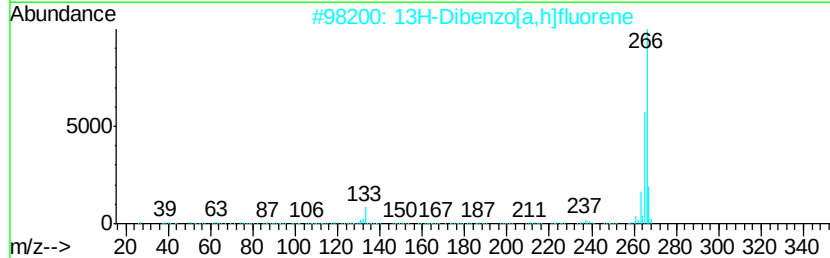
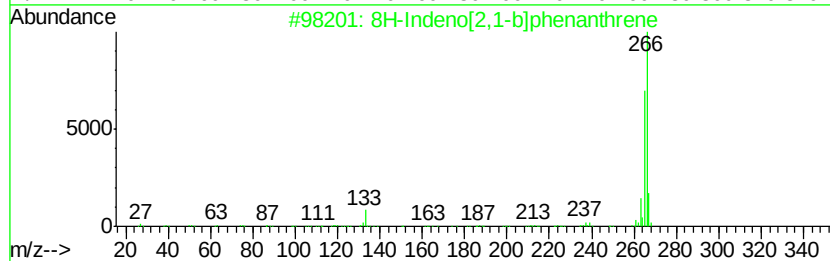
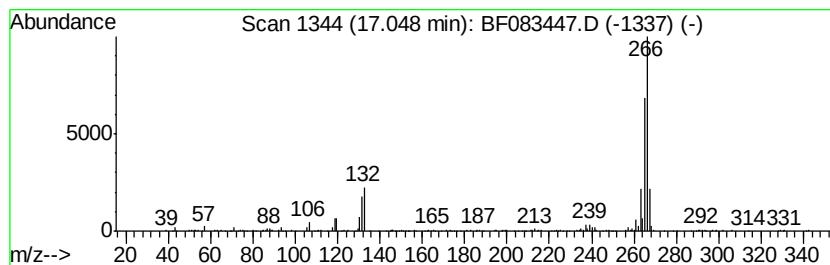
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 8H-Indeno[2,1-b]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	25.32 ng	1451600	Perylene-d12	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	95
2		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	89
3		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	89
4		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	72
5		Acetic acid, 2-(2-benzyl-1-benzo...	266	C16H14N2O2	152342-26-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083447.D
Acq On : 3 Dec 2015 6:53
Operator : UM/IZ
Sample : G4583-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)

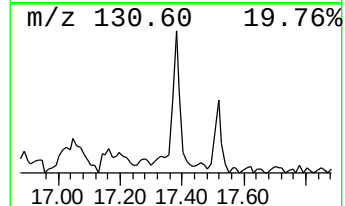
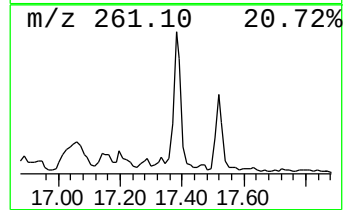
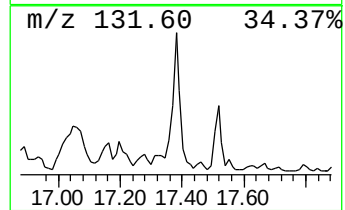
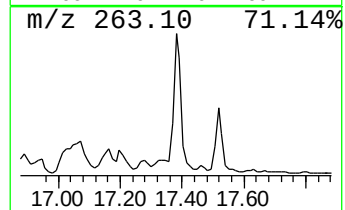
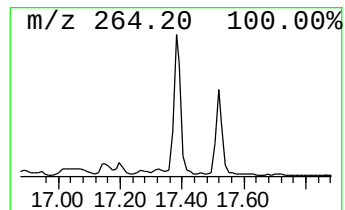
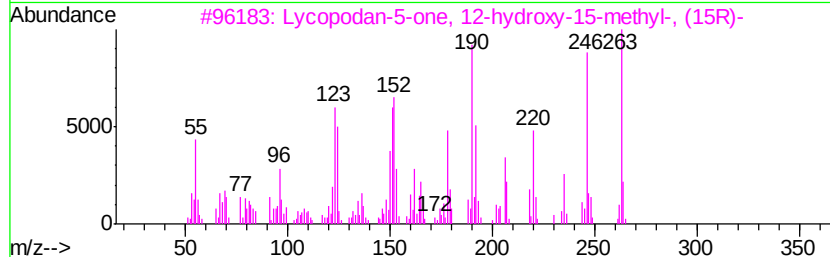
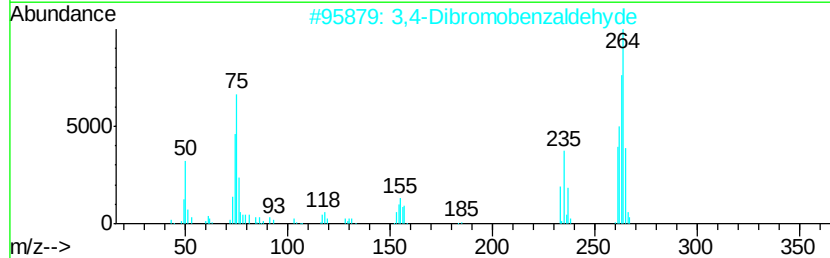
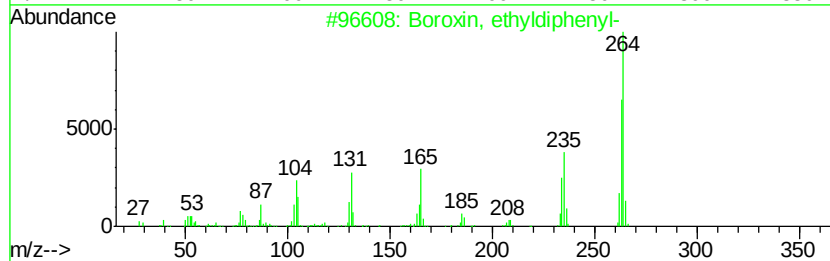
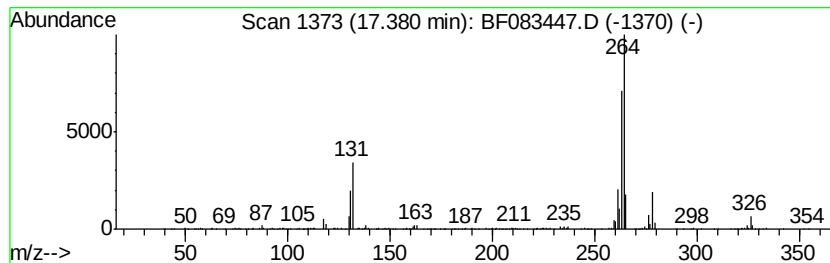
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Boroxin, ethyldiphenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	21.85 ng	1252870	Perylene-d12	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	53
2		3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	52
3		Lycopodan-5-one, 12-hydroxy-15-methyl-, (15R)-	263	C16H25NO2	006900-92-1	10
4		3,5-di-tert-Butyl-4-hydroxyphenyl-	278	C17H26O3	020170-32-5	10
5		1H-Pyrazole-4-carbonitrile, 3-(4-ethylphenyl)-	263	C12H10ClN3S	068364-67-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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Acq On : 3 Dec 2015 6:53
Operator : UM/IZ
Sample : G4583-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

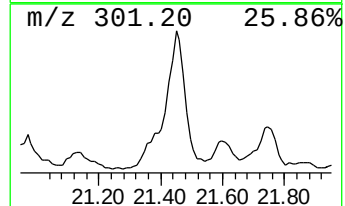
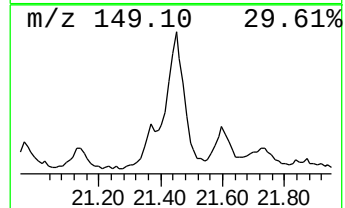
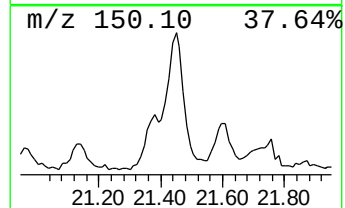
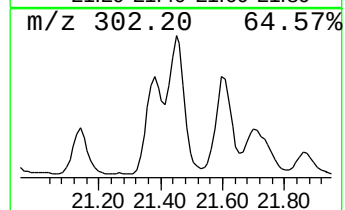
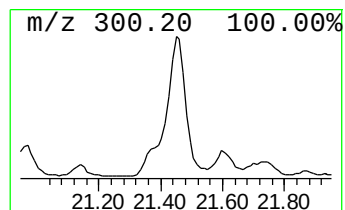
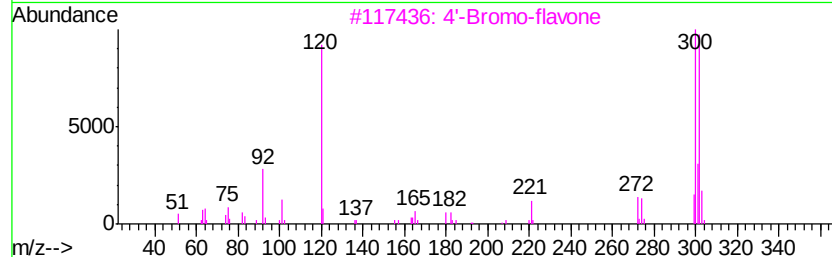
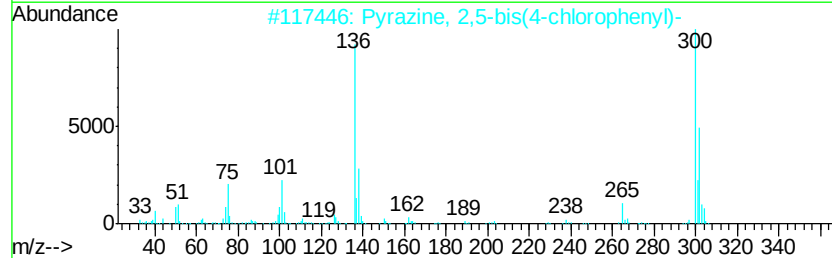
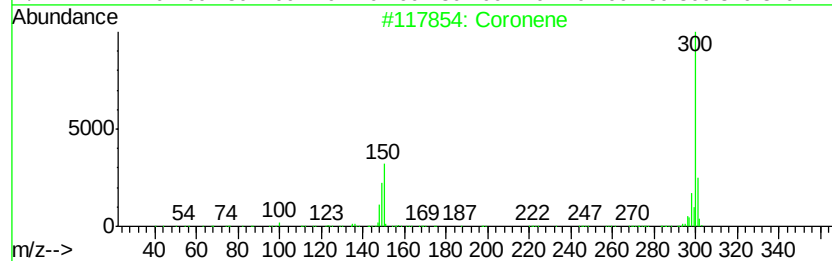
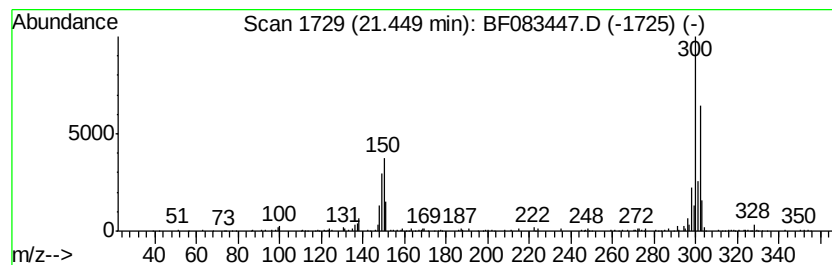
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	18.36 ng	1052620	Perylene-d12	16.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Coronene		300 C24H12	000191-07-1 83
2	Pyrazine, 2,5-bis(4-chlorophenyl)-		300 C16H10Cl2N2	074376-33-3 50
3	4'-Bromo-flavone		300 C15H9BrO2	020525-20-6 43
4	Coronene, 1,2-dihydro-		302 C24H14	107716-56-3 42
5	Androst-4-ene-3,6,17-trione		300 C19H24O3	002243-06-3 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083447.D
Acq On : 3 Dec 2015 6:53
Operator : UM/IZ
Sample : G4583-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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
Benzene, 1,3-dime...	5.05	23.0	ng	2546840	1	6.54	2218330	20.0
Benzene, 1-ethyl-...	6.05	19.9	ng	2202620	1	6.54	2218330	20.0
unknown6.32	6.32	48.6	ng	5387480	1	6.54	2218330	20.0
Benzene, 1,2,4-tr...	6.36	20.0	ng	2218330	1	6.54	2218330	20.0
Indane	6.73	68.5	ng	7599140	1	6.54	2218330	20.0
Indene	6.81	36.0	ng	3993680	1	6.54	2218330	20.0
Naphthalene, 1-et...	9.10	21.5	ng	4508930	3	9.58	4201820	20.0
Naphthalene, 1,6-...	9.17	15.3	ng	3219150	3	9.58	4201820	20.0
Naphthalene, 2,3-...	9.24	20.5	ng	4299090	3	9.58	4201820	20.0
Tridecane, 6-methyl-	10.25	20.1	ng	4213590	3	9.58	4201820	20.0
Benzo[e]pyrene	16.44	26.7	ng	1528890	6	16.82	1146600	20.0
8H-Indeno[2,1-b]p...	17.05	25.3	ng	1451600	6	16.82	1146600	20.0
Boroxin, ethyldip...	17.38	21.9	ng	1252870	6	16.82	1146600	20.0
Coronene	21.45	18.4	ng	1052620	6	16.82	1146600	20.0