

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083435.D
 Acq On : 2 Dec 2015 23:51
 Operator : UM/IZ
 Sample : G4582-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-06(6-13)

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	4.659	257	260	269	rVB	1105939	2236919	9.11%	1.101%
2	5.127	299	301	304	rBV	4027648	5661823	23.05%	2.788%
3	6.053	380	382	383	rVV2	281305	374370	1.52%	0.184%
4	6.133	387	389	392	rVV	325952	325813	1.33%	0.160%
5	6.213	393	396	399	rVV	4833909	6049169	24.63%	2.978%
6	6.316	402	405	407	rVV	5866484	6089656	24.79%	2.998%
7	6.362	407	409	413	rVV	456081	643995	2.62%	0.317%
8	6.533	423	424	426	rVV	855247	1098162	4.47%	0.541%
9	6.579	426	428	429	rVV	241960	363336	1.48%	0.179%
10	6.693	436	438	443	rVB2	3949657	4725930	19.24%	2.327%
11	6.796	445	447	449	rVV	1336090	1508843	6.14%	0.743%
12	7.116	468	475	477	rVV	3651119	4564847	18.59%	2.247%
13	7.356	494	496	498	rVB	489088	666954	2.72%	0.328%
14	7.459	503	505	507	rBV3	351423	518400	2.11%	0.255%
15	7.573	513	515	517	rVV3	638073	1007840	4.10%	0.496%
16	7.607	517	518	521	rVV2	494223	795975	3.24%	0.392%
17	7.870	532	541	543	rBV	12169749	24560058	100.00%	12.092%
18	7.916	543	545	548	rVV2	1120678	1513358	6.16%	0.745%
19	8.133	560	564	565	rVV4	399313	642534	2.62%	0.316%
20	8.202	568	570	571	rVV2	235929	374481	1.52%	0.184%
21	8.270	574	576	580	rVV	784732	1362295	5.55%	0.671%
22	8.453	589	592	593	rVV3	188272	423156	1.72%	0.208%
23	8.499	593	596	597	rVV3	330510	607214	2.47%	0.299%
24	8.545	597	600	602	rVV	5740264	6333071	25.79%	3.118%
25	8.636	606	608	611	rVV	3293971	4588654	18.68%	2.259%
26	8.750	613	618	619	rBV3	411663	889915	3.62%	0.438%
27	8.876	625	629	630	rBV	791000	1177571	4.79%	0.580%
28	8.910	630	632	634	rVV	5314682	5285627	21.52%	2.602%
29	9.002	637	640	643	rVV2	2021957	2897729	11.80%	1.427%
30	9.048	643	644	646	rVV2	280776	398822	1.62%	0.196%
31	9.093	646	648	652	rVB	951875	1522415	6.20%	0.750%
32	9.162	652	654	656	rBV	1046623	1643765	6.69%	0.809%
33	9.242	658	661	662	rVV	1492032	1830470	7.45%	0.901%
34	9.310	665	667	670	rVV2	1324947	2447023	9.96%	1.205%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.356	670	671	674	rVB	715355	687137	2.80%	0.338%
36	9.436	675	678	680	rVB	1107687	1037403	4.22%	0.511%
37	9.539	685	687	688	rBV	226444	370139	1.51%	0.182%
38	9.573	688	690	691	rVV	1854504	2276501	9.27%	1.121%
39	9.619	691	694	696	rVV	6682683	9203092	37.47%	4.531%
40	9.688	697	700	704	rVB4	177935	341441	1.39%	0.168%
41	9.779	704	708	710	rBV2	838344	1245164	5.07%	0.613%
42	9.848	713	714	716	rVB	340908	421989	1.72%	0.208%
43	9.893	716	718	719	rBV	400324	438742	1.79%	0.216%
44	9.985	724	726	727	rVV2	314285	517597	2.11%	0.255%
45	10.031	727	730	732	rVV2	581253	1074935	4.38%	0.529%
46	10.088	732	735	736	rVV3	536945	876671	3.57%	0.432%
47	10.122	736	738	740	rVV	3782524	3955816	16.11%	1.948%
48	10.202	741	745	746	rVV3	230947	645866	2.63%	0.318%
49	10.248	746	749	751	rVV2	825009	1481235	6.03%	0.729%
50	10.293	751	753	755	rVV2	296543	515003	2.10%	0.254%
51	10.362	755	759	761	rVV2	3257284	4519859	18.40%	2.225%
52	10.522	769	773	775	rBV	688970	1082350	4.41%	0.533%
53	10.682	782	787	788	rBV3	394283	671752	2.74%	0.331%
54	10.716	788	790	792	rVV2	289852	404225	1.65%	0.199%
55	10.773	792	795	797	rVB2	214724	354607	1.44%	0.175%
56	10.991	812	814	816	rVV	1053734	1041356	4.24%	0.513%
57	11.036	816	818	821	rVB2	440307	702732	2.86%	0.346%
58	11.162	822	829	831	rBV2	7728113	14767163	60.13%	7.271%
59	11.208	831	833	835	rVB	3412037	3337669	13.59%	1.643%
60	11.265	835	838	845	rVB	362022	690765	2.81%	0.340%
61	11.471	853	856	857	rBV	499836	586313	2.39%	0.289%
62	11.619	866	869	871	rVB2	232200	394359	1.61%	0.194%
63	11.722	875	878	879	rBV	976445	1280218	5.21%	0.630%
64	11.756	879	881	884	rVB	1271750	1494845	6.09%	0.736%
65	11.814	884	886	888	rBV	899338	1145019	4.66%	0.564%
66	11.859	888	890	891	rBV	1854101	2307410	9.39%	1.136%
67	12.099	908	911	915	rVB	1110838	1398090	5.69%	0.688%
68	12.442	938	941	943	rBV2	334414	634093	2.58%	0.312%
69	12.488	943	945	949	rVB2	293456	582199	2.37%	0.287%
70	12.659	956	960	962	rBV	3523321	5830000	23.74%	2.870%
71	12.774	968	970	974	rVB	1440060	1829850	7.45%	0.901%

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72	12.968	982	987	990	rVV	4900235	7992839	32.54%	3.935%
73	13.208	1004	1008	1010	rVV	3533163	5094383	20.74%	2.508%
74	13.277	1011	1014	1018	rVB2	245961	474385	1.93%	0.234%
75	13.437	1022	1028	1031	rBV	713617	1525297	6.21%	0.751%
76	13.528	1034	1036	1039	rVV	532288	857221	3.49%	0.422%
77	13.585	1039	1041	1043	rVB	434907	546246	2.22%	0.269%
78	13.711	1049	1052	1054	rVV2	330908	455872	1.86%	0.224%
79	13.757	1054	1056	1061	rVB	385792	650200	2.65%	0.320%
80	14.042	1079	1081	1086	rVB2	204979	450126	1.83%	0.222%
81	14.340	1103	1107	1109	rBV2	237180	463416	1.89%	0.228%
82	14.385	1109	1111	1112	rVV2	389364	588065	2.39%	0.290%
83	14.637	1131	1133	1137	rBV2	405800	706397	2.88%	0.348%
84	14.717	1137	1140	1143	rVV2	1740814	4077397	16.60%	2.007%
85	14.774	1143	1145	1147	rVV	1254417	1527067	6.22%	0.752%
86	15.334	1191	1194	1197	rVB	208256	360291	1.47%	0.177%
87	16.283	1274	1277	1283	rBV	875961	2267274	9.23%	1.116%
88	16.420	1286	1289	1292	rVB	295278	434458	1.77%	0.214%
89	16.648	1306	1309	1312	rVB	797446	1096053	4.46%	0.540%
90	16.728	1312	1316	1319	rVV	1349993	2192098	8.93%	1.079%
91	16.797	1319	1322	1324	rVV	815506	1231986	5.02%	0.607%
92	16.900	1327	1331	1336	rVB3	102905	317252	1.29%	0.156%
93	17.037	1336	1343	1348	rBV4	107833	489637	1.99%	0.241%
94	17.368	1369	1372	1377	rVB	228584	438085	1.78%	0.216%
95	18.020	1426	1429	1432	rBV2	138138	311185	1.27%	0.153%
96	18.169	1439	1442	1447	rVB2	551625	1006222	4.10%	0.495%
97	18.534	1471	1474	1483	rVB	517765	1022723	4.16%	0.504%
98	18.740	1488	1492	1499	rVB	242220	492181	2.00%	0.242%
99	20.432	1633	1640	1645	rBV	98074	374644	1.53%	0.184%
100	21.392	1720	1724	1733	rVB3	98925	392164	1.60%	0.193%

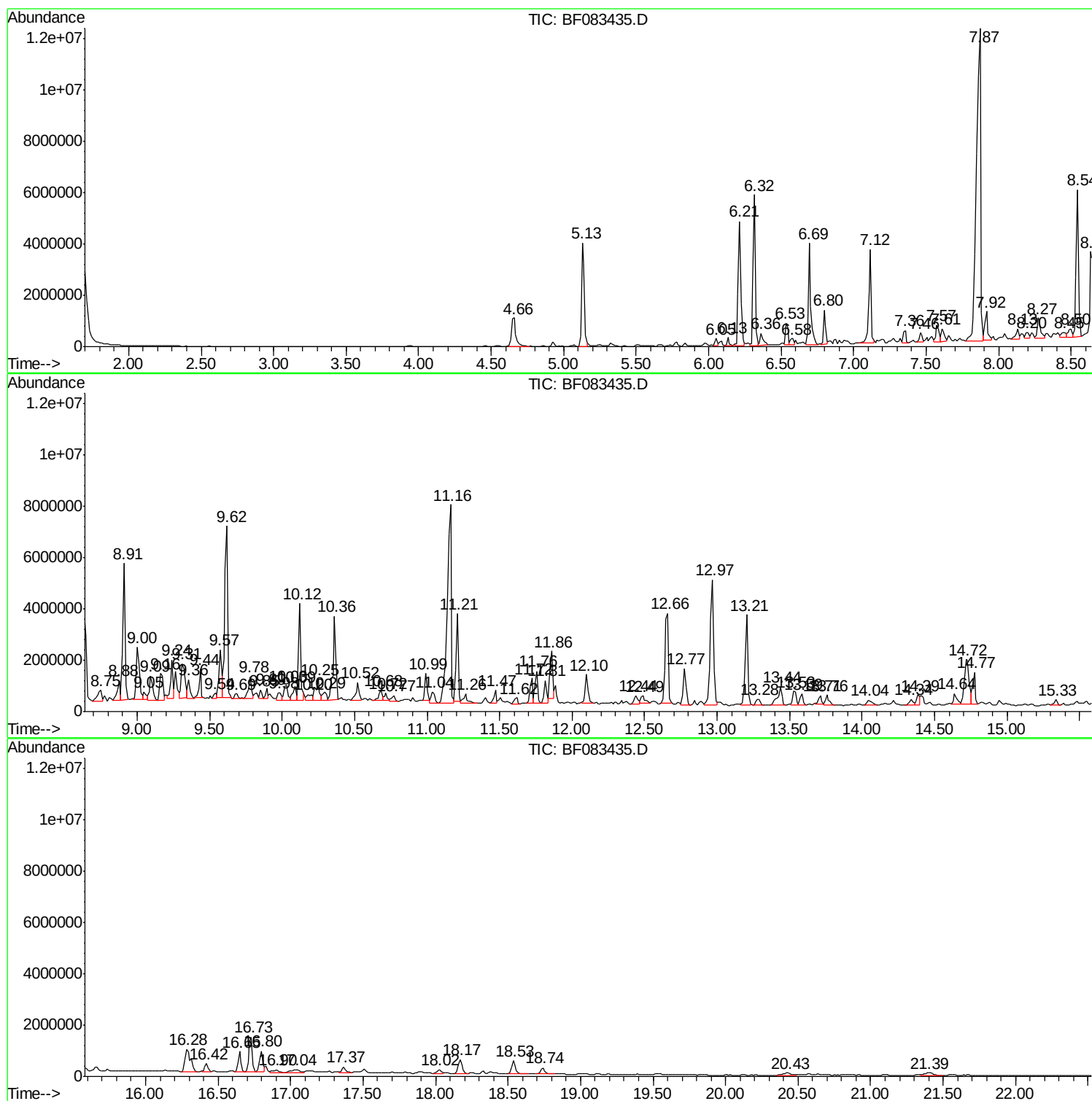
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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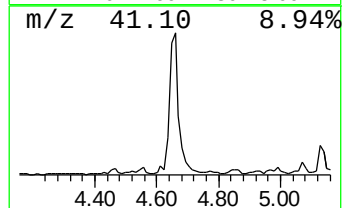
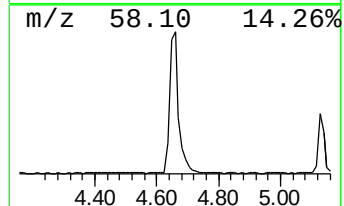
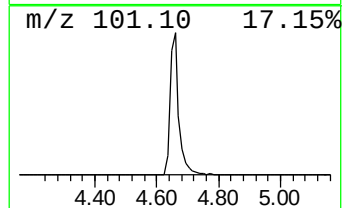
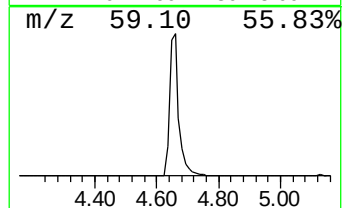
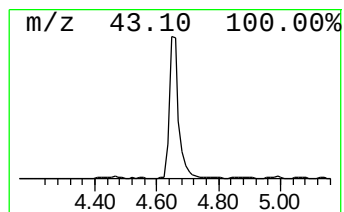
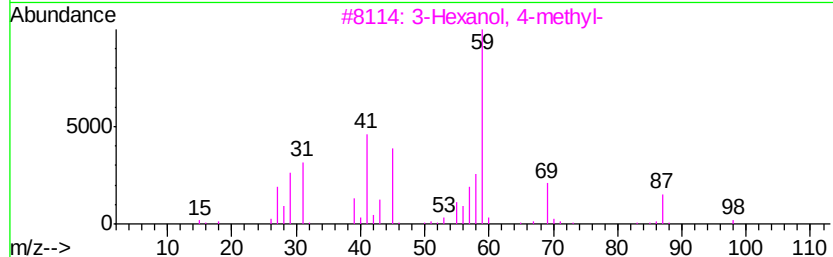
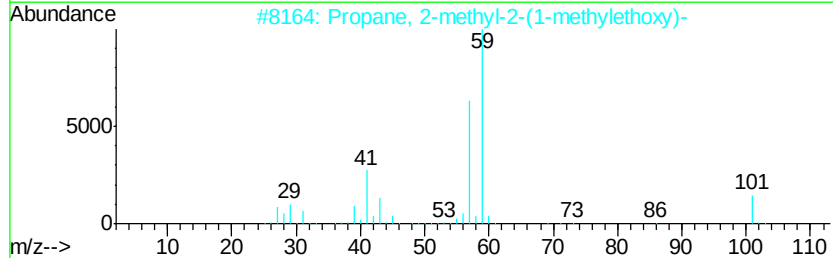
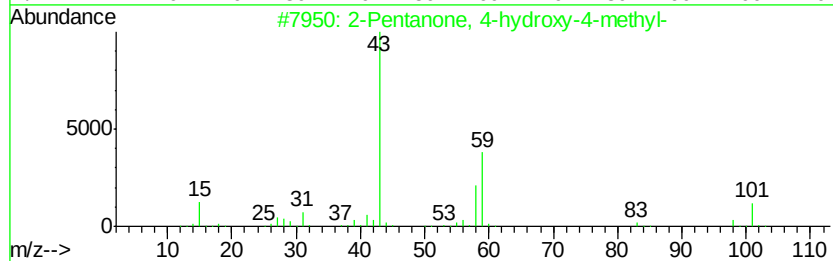
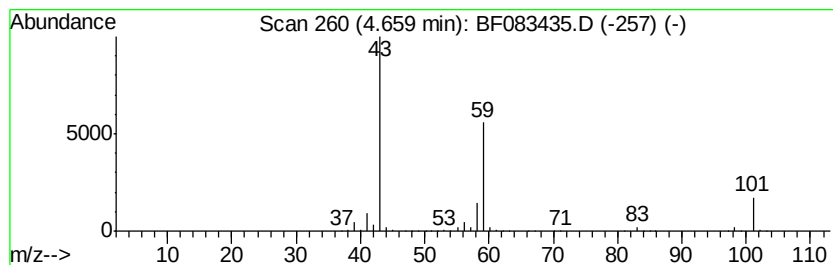
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	40.74 ng	2236920	1,4-Dichlorobenzene-d4	6.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5			3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9



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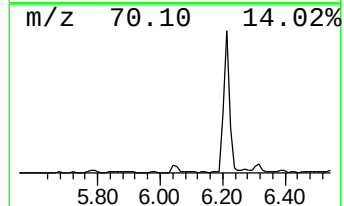
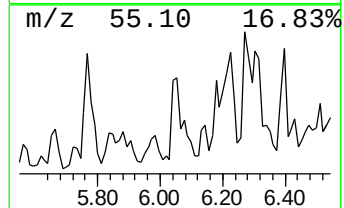
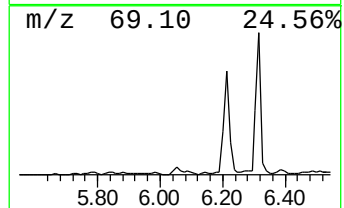
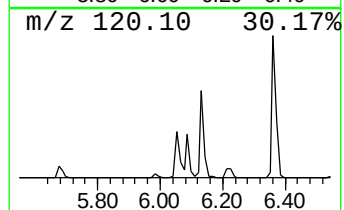
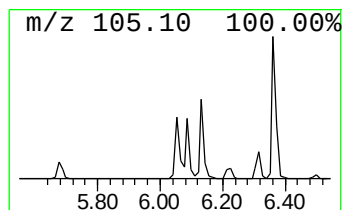
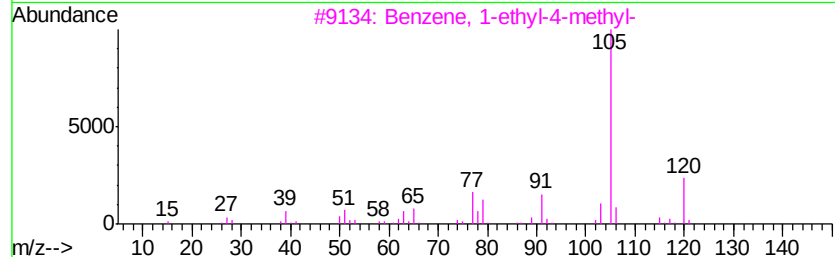
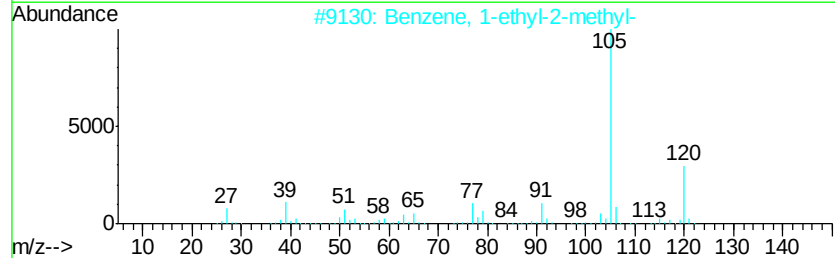
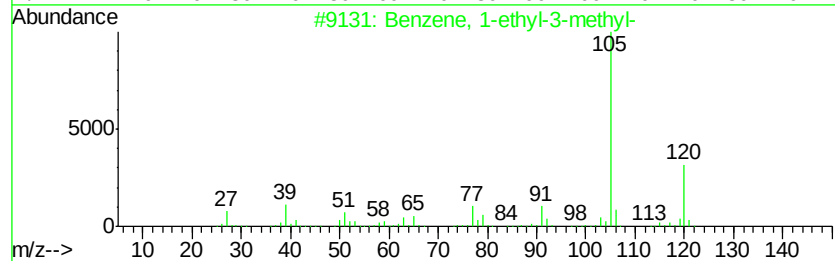
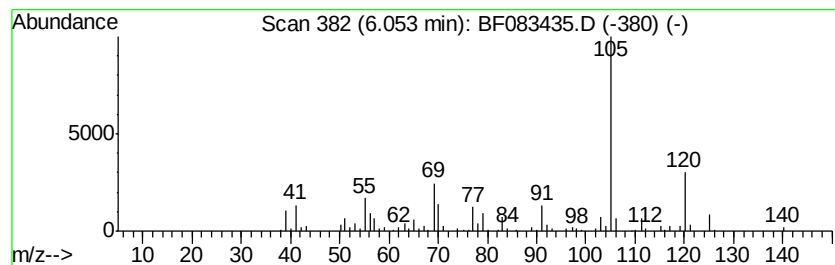
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	6.82 ng	374370	1,4-Dichlorobenzene-d4	6.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87



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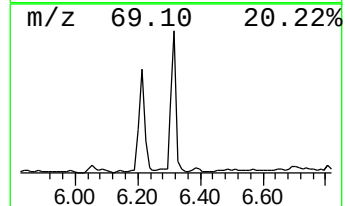
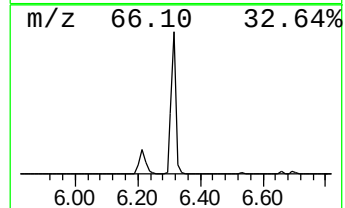
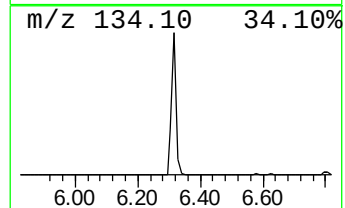
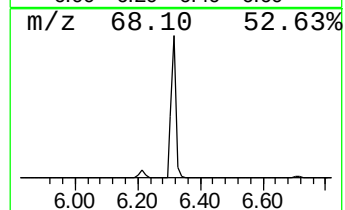
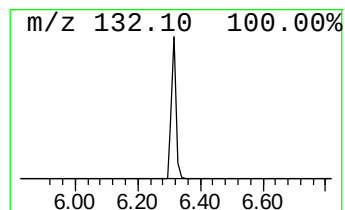
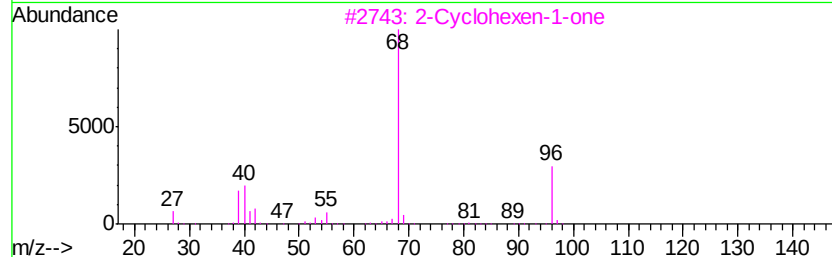
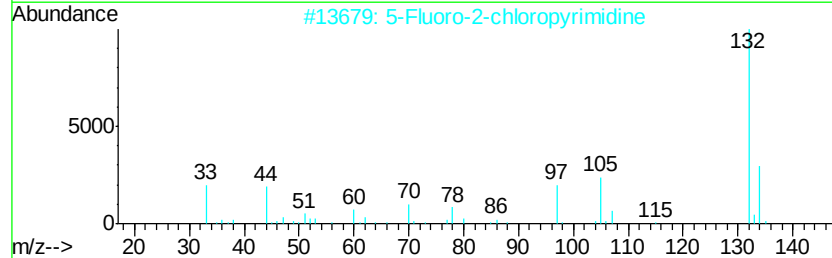
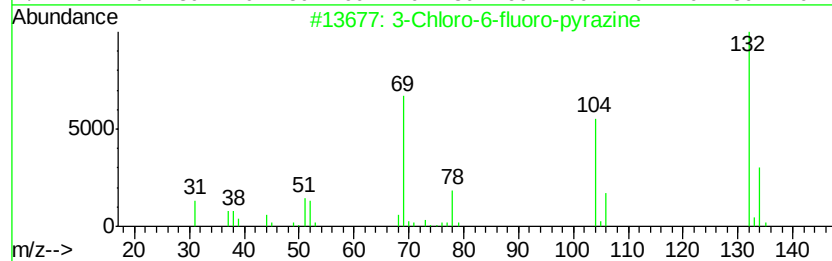
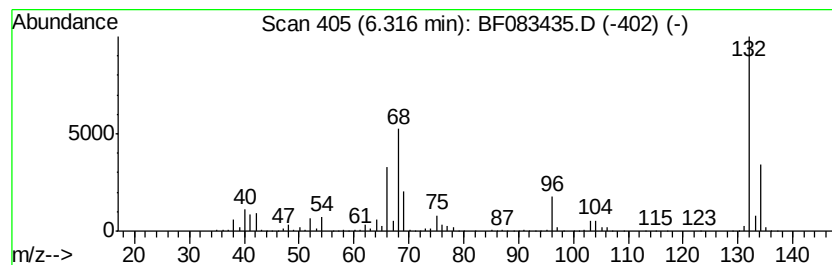
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Peak Number 3 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	110.91 ng	6089660	1,4-Dichlorobenzene-d4	6.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083435.D
Acq On : 2 Dec 2015 23:51
Operator : UM/IZ
Sample : G4582-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)

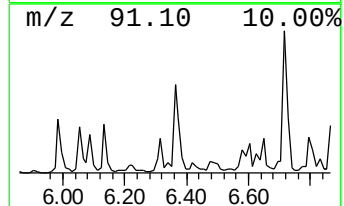
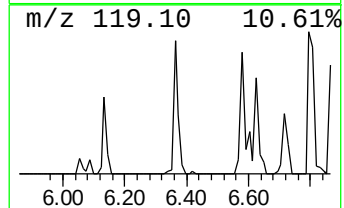
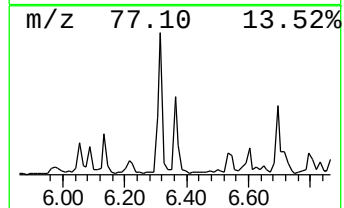
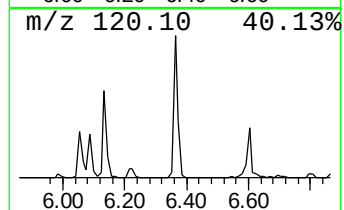
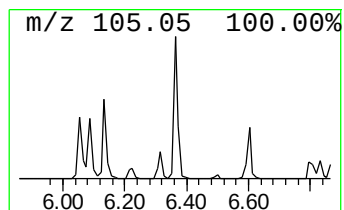
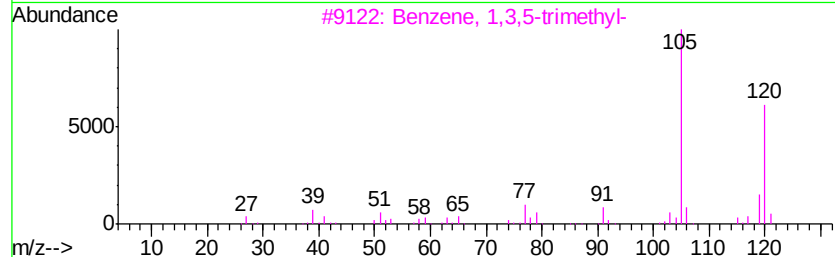
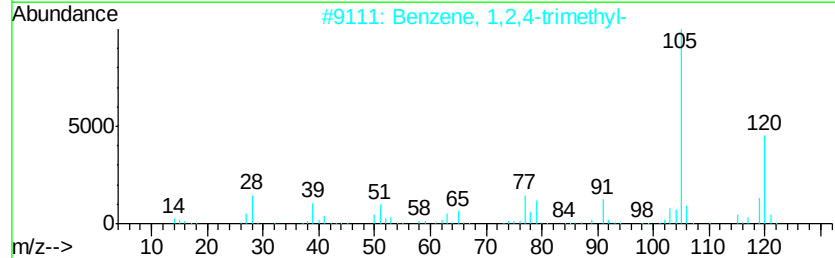
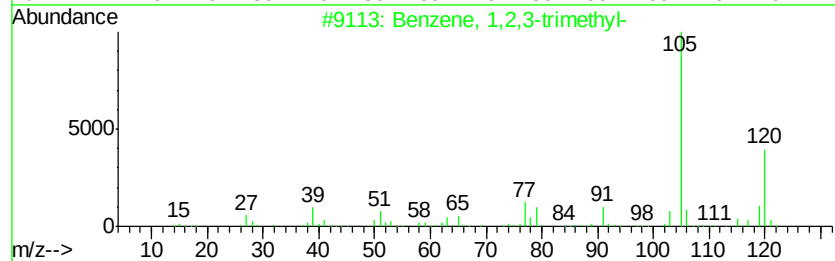
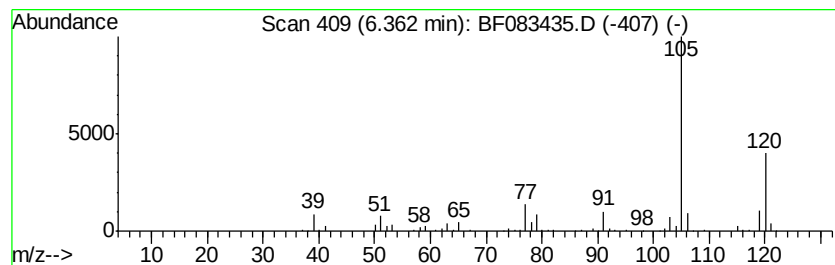
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	11.73 ng	643995	1,4-Dichlorobenzene-d4	6.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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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Acq On : 2 Dec 2015 23:51
Operator : UM/IZ
Sample : G4582-09
Misc :
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Instrument :
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ClientSampleId :
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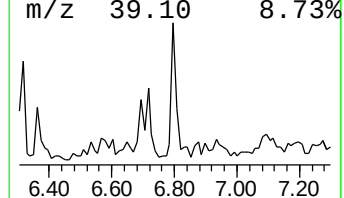
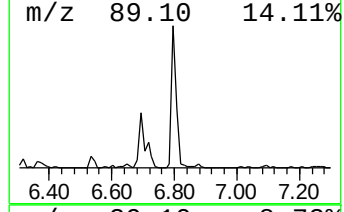
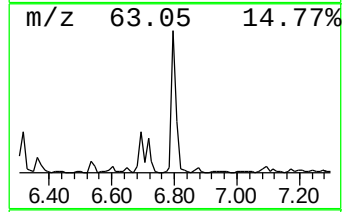
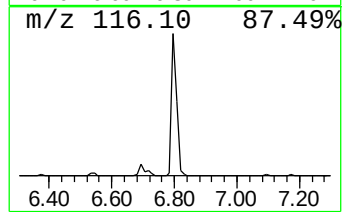
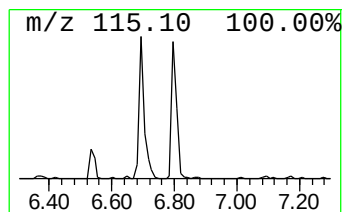
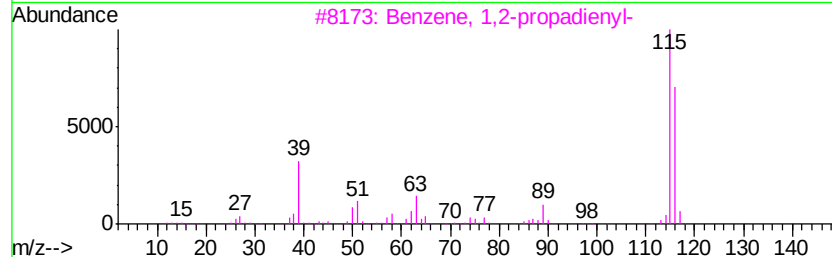
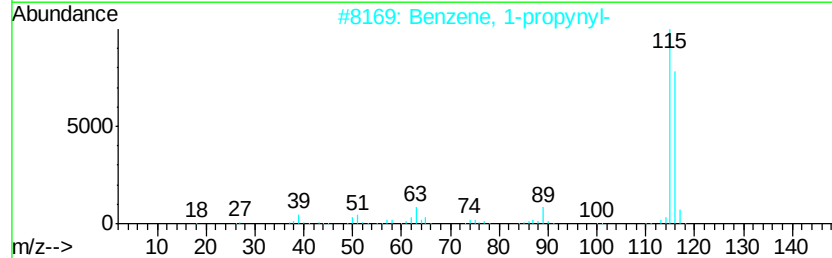
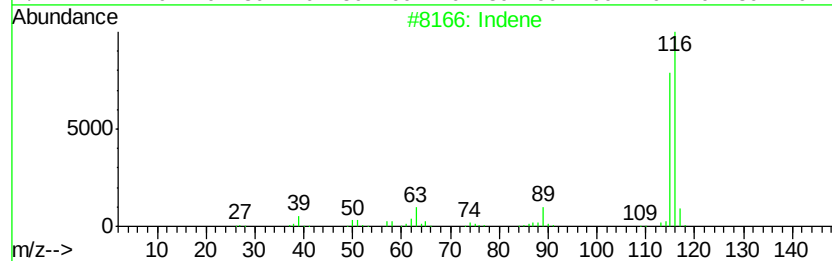
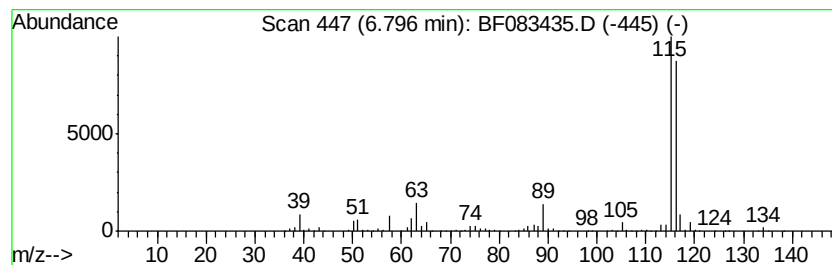
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	27.48 ng	1508840	1,4-Dichlorobenzene-d4	6.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4		Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083435.D
Acq On : 2 Dec 2015 23:51
Operator : UM/IZ
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Misc :
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ClientSampleId :
SB-P3WC-06(6-13)

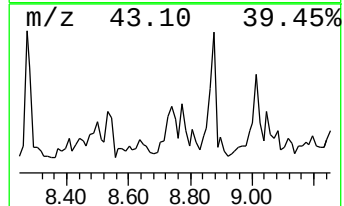
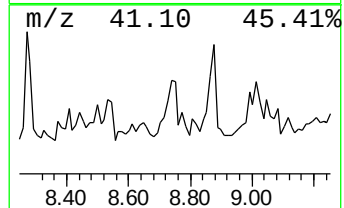
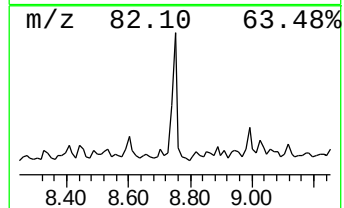
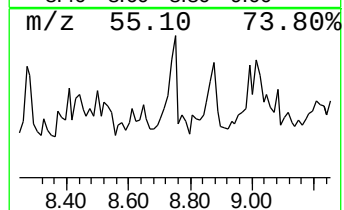
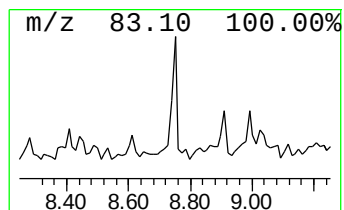
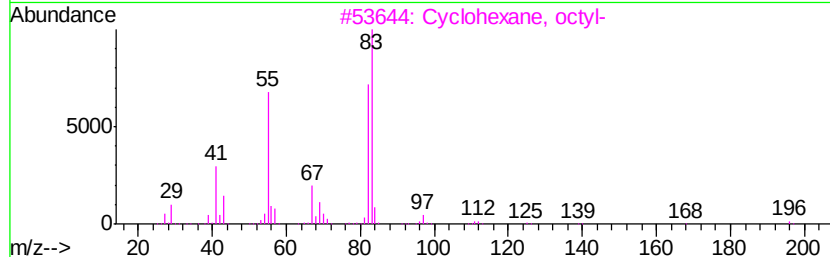
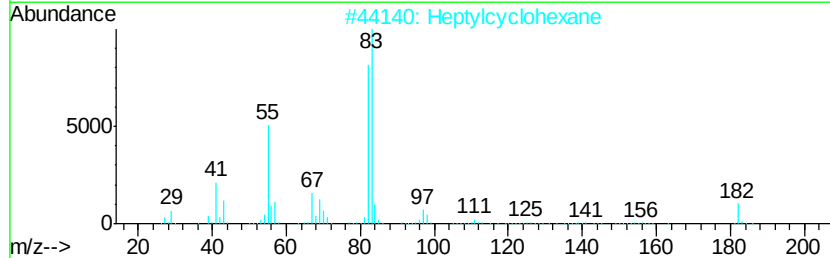
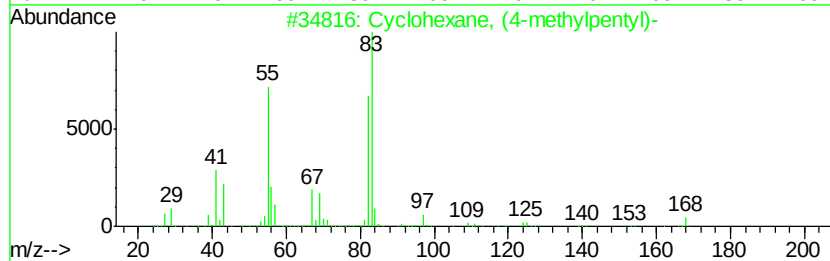
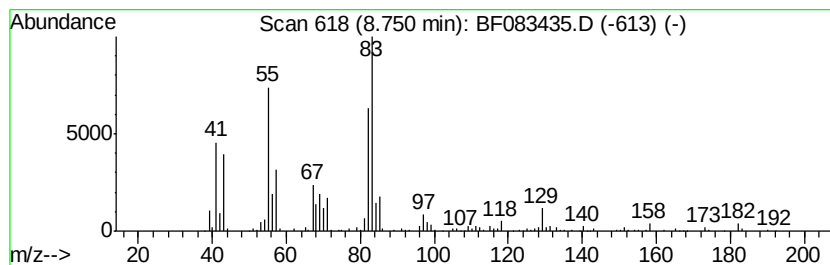
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	7.82 ng	889915	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	87
2		Heptylcyclohexane	182	C13H26	005617-41-4	80
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	64
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083435.D
Acq On : 2 Dec 2015 23:51
Operator : UM/IZ
Sample : G4582-09
Misc :
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Instrument :
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ClientSampleId :
SB-P3WC-06(6-13)

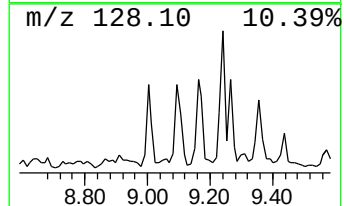
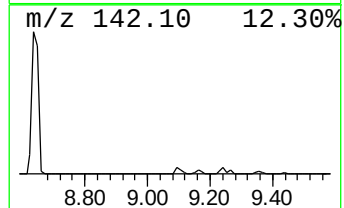
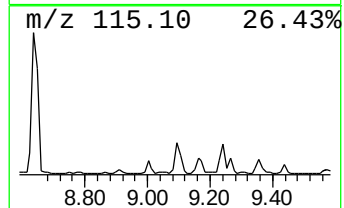
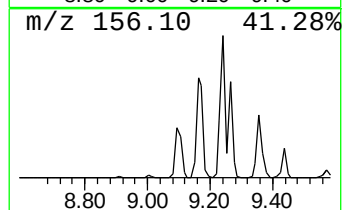
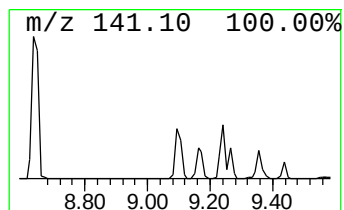
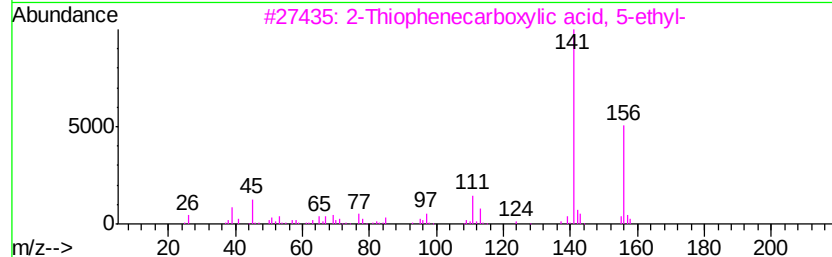
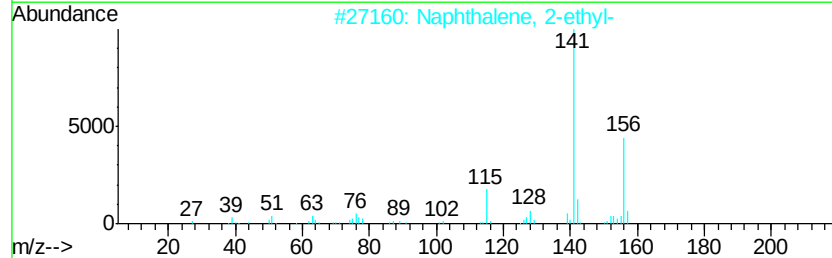
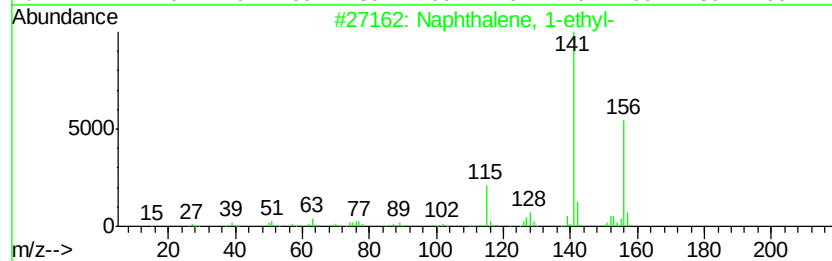
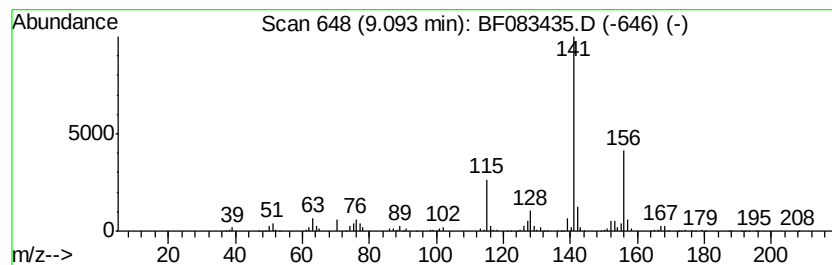
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	13.38 ng	1522420	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
4		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59
5		3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083435.D
Acq On : 2 Dec 2015 23:51
Operator : UM/IZ
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Misc :
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Instrument :
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ClientSampleId :
SB-P3WC-06(6-13)

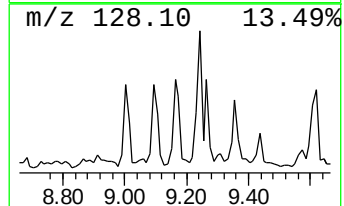
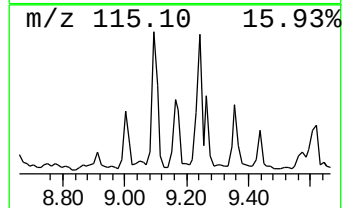
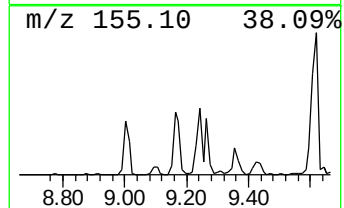
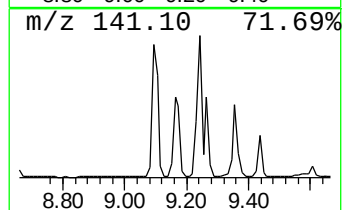
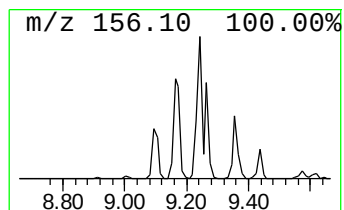
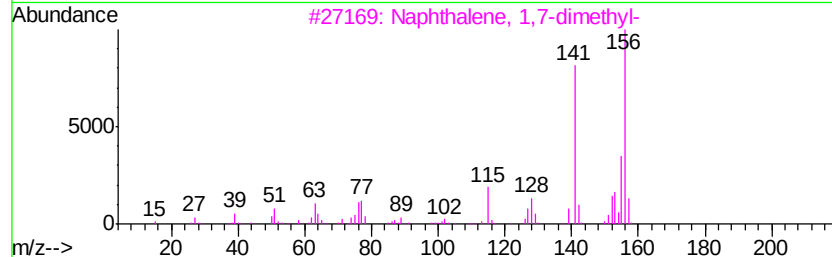
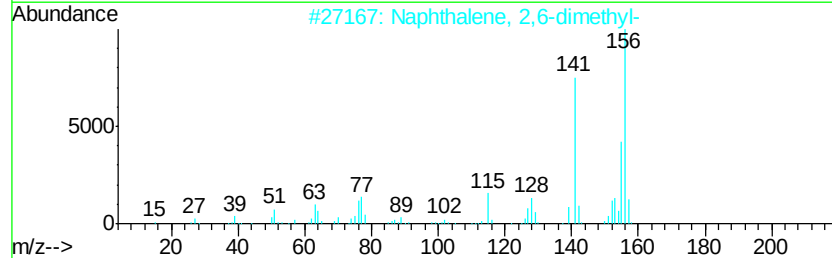
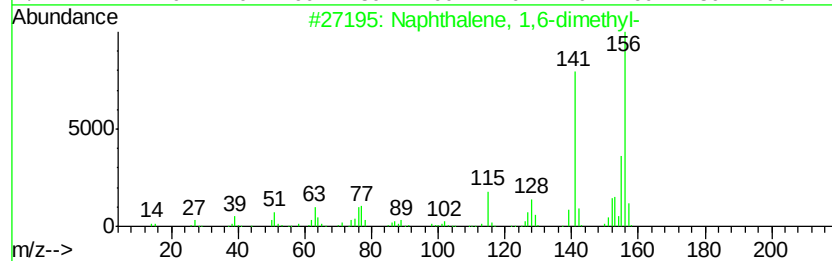
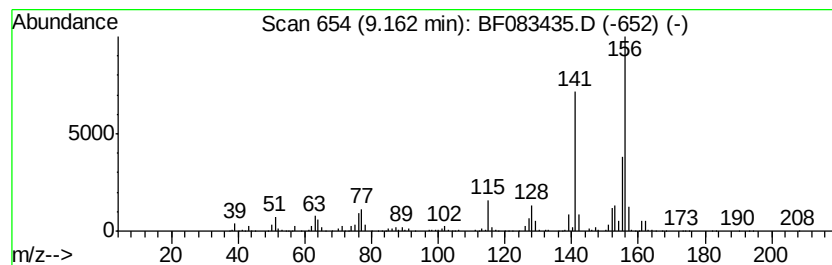
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	14.44 ng	1643770	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083435.D
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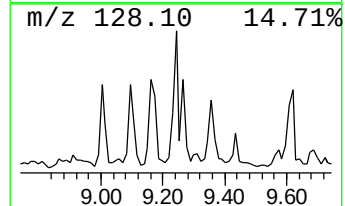
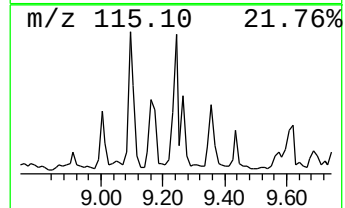
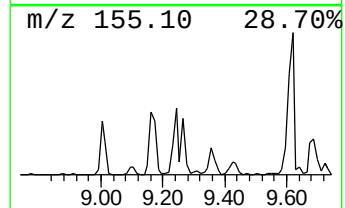
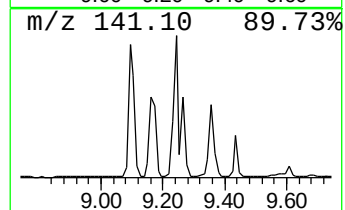
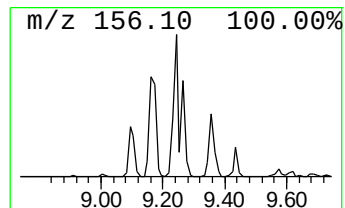
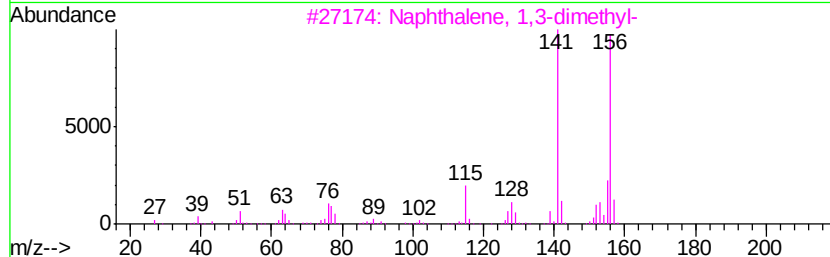
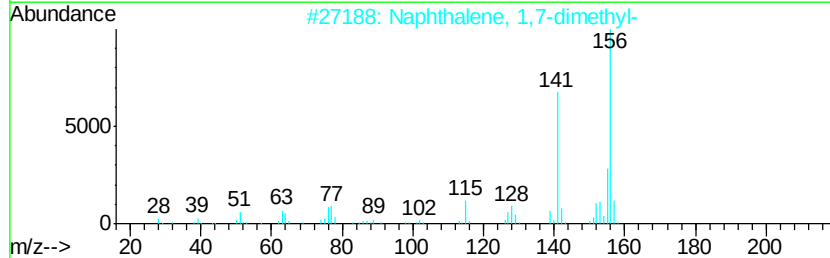
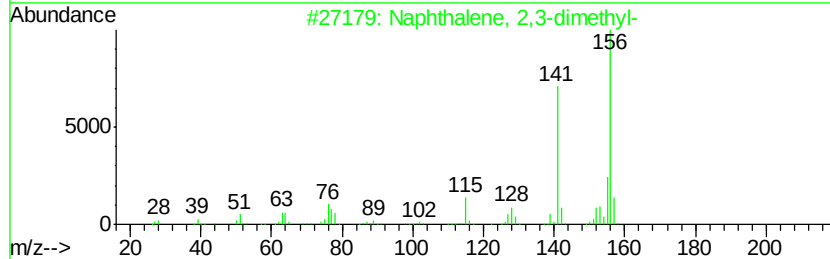
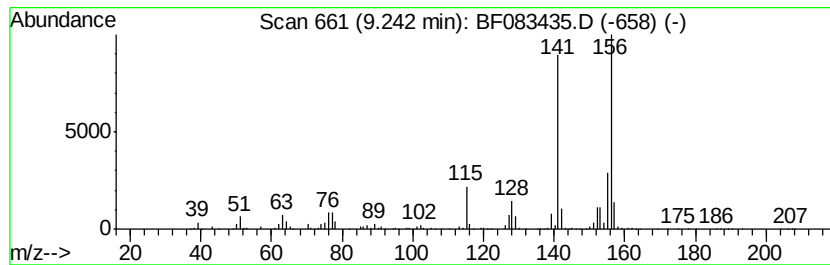
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	16.08 ng	1830470	Acenaphthene-d10	9.57

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, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083435.D
Acq On : 2 Dec 2015 23:51
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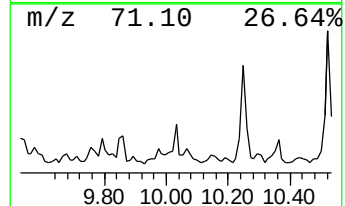
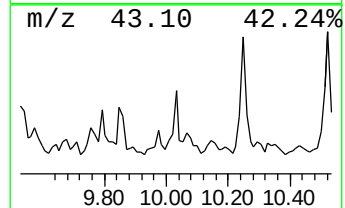
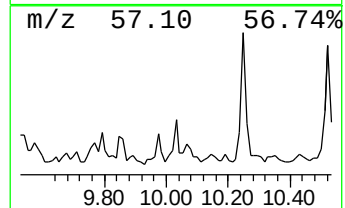
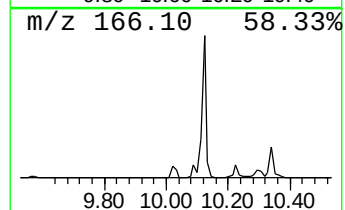
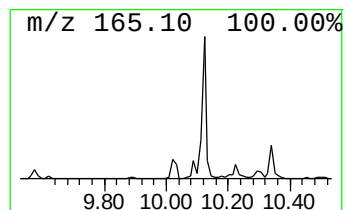
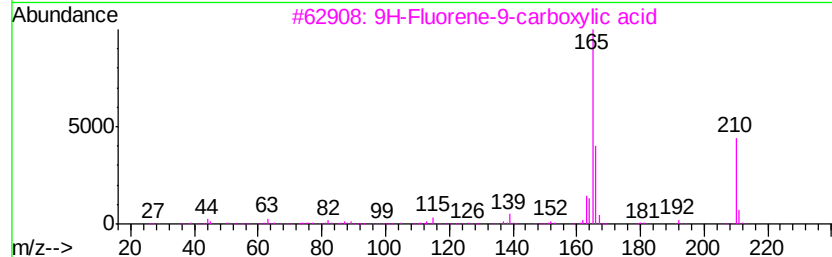
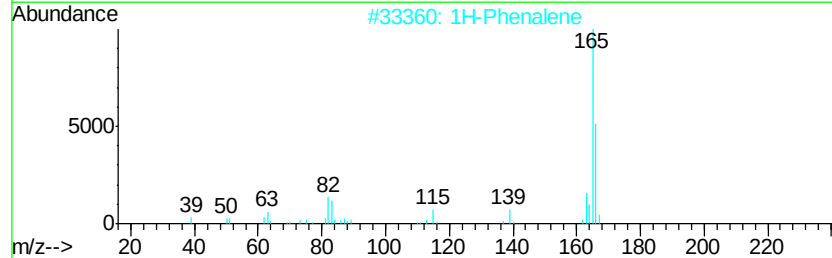
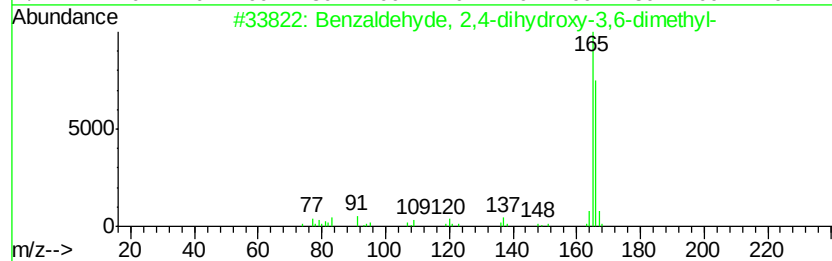
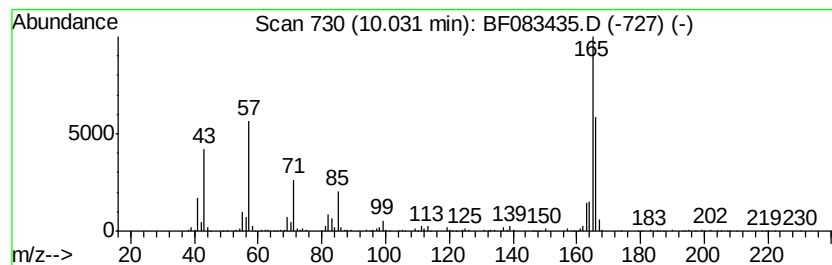
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzaldehyde, 2,4-dihydroxy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	9.44 ng	1074940	Acenaphthene-d10	9.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehydve, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	59
2			1H-Phenylene	166	C13H10	000203-80-5	50
3			9H-Fluorene-9-carboxylic acid	210	C14H10O2	001989-33-9	42
4			Fluorene	166	C13H10	000086-73-7	38
5			Hexadecane	226	C16H34	000544-76-3	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083435.D
Acq On : 2 Dec 2015 23:51
Operator : UM/IZ
Sample : G4582-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

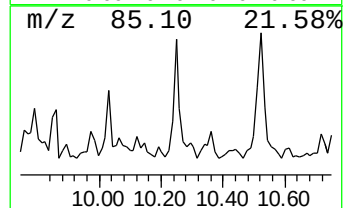
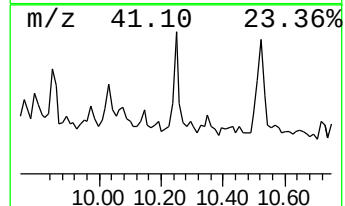
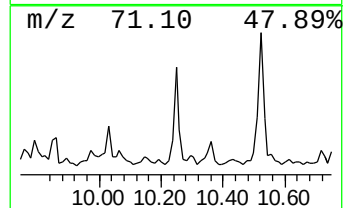
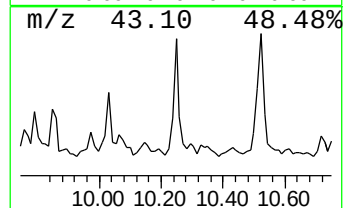
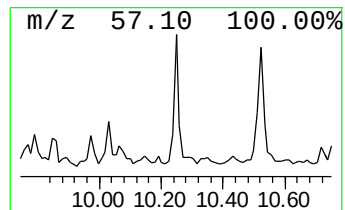
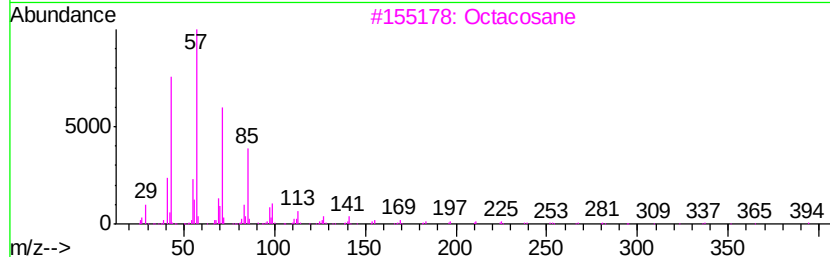
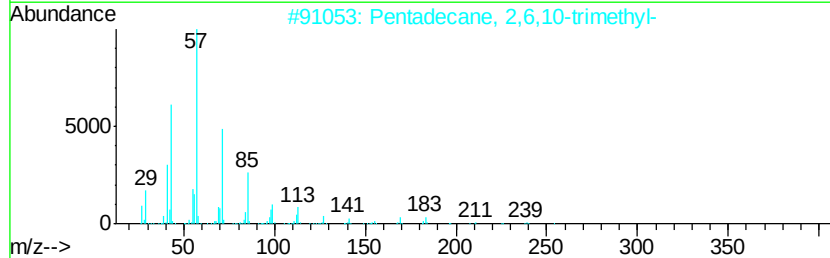
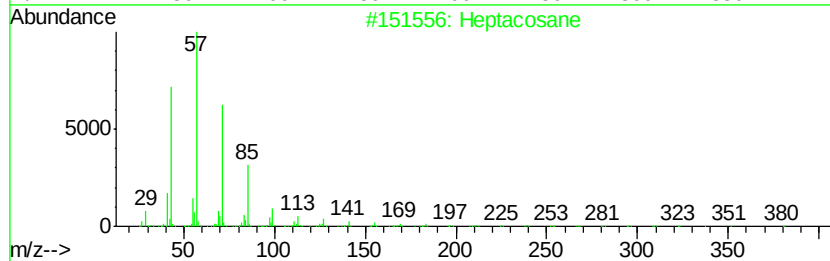
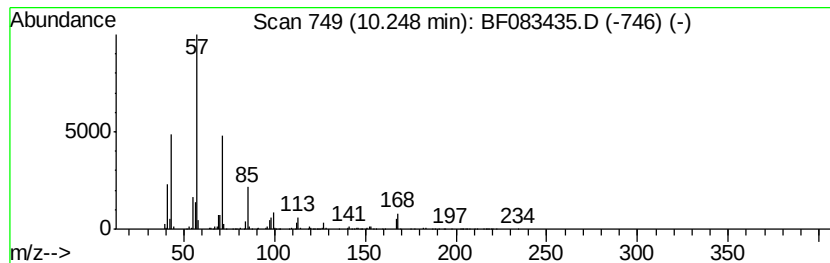
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ClientSampleId :
SB-P3WC-06(6-13)

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 12 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	13.01 ng	1481240	Acenaphthene-d10	9.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	86
2	Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0	86
3	Octacosane	394 C28H58	000630-02-4	72
4	Tridecane, 6-methyl-	198 C14H30	013287-21-3	64
5	Tritetracontane	605 C43H88	007098-21-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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Sample : G4582-09
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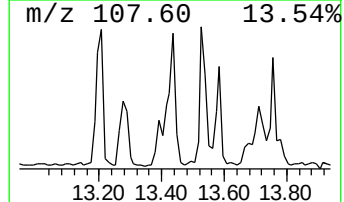
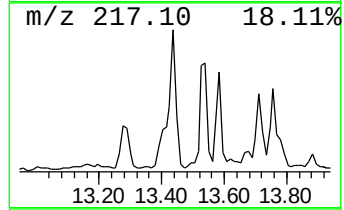
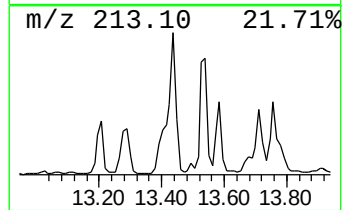
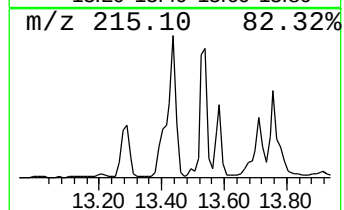
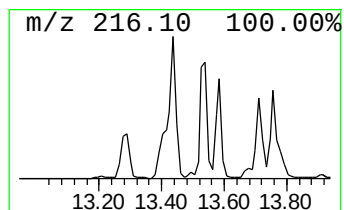
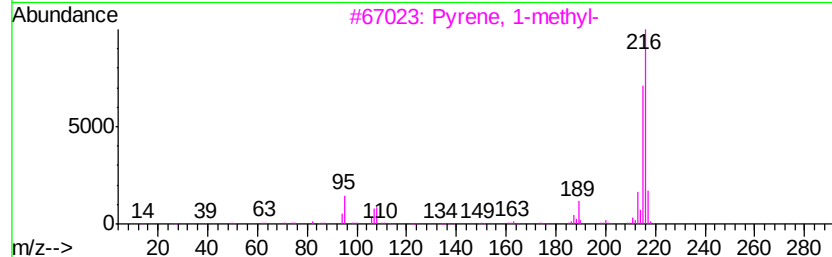
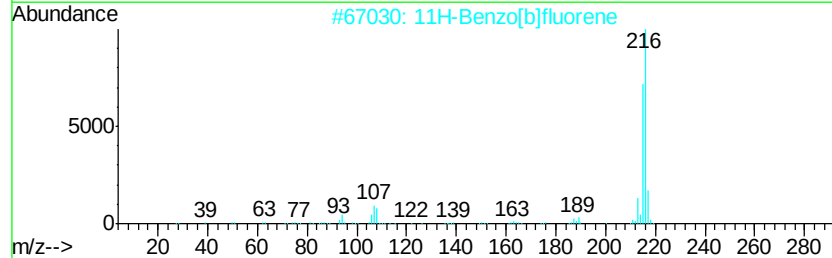
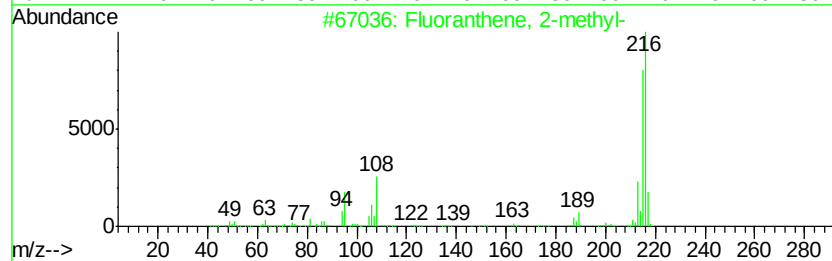
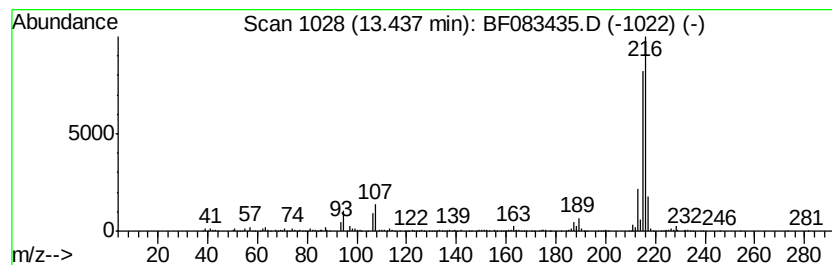
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	7.48 ng	1525300	Chrysene-d12	14.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 95
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 93
3		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 91
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083435.D
Acq On : 2 Dec 2015 23:51
Operator : UM/IZ
Sample : G4582-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)

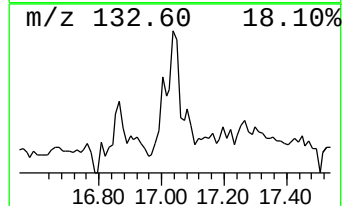
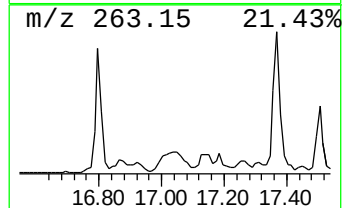
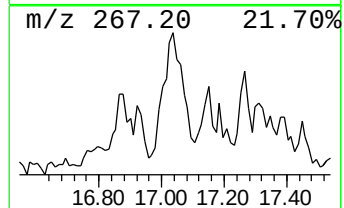
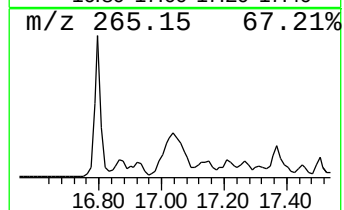
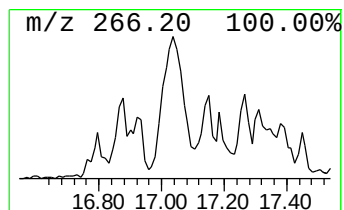
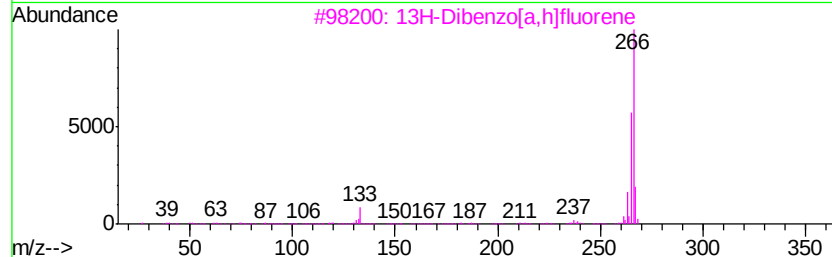
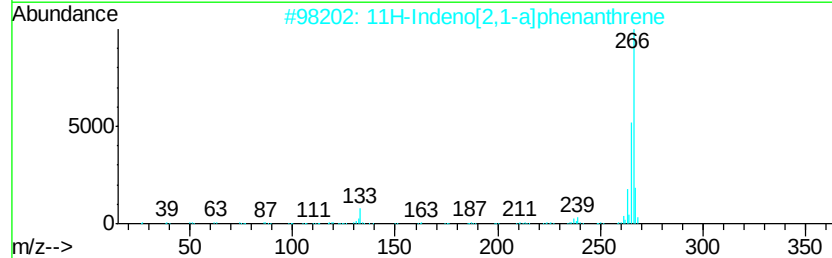
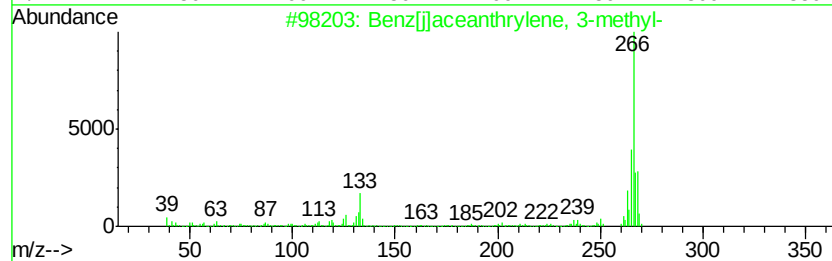
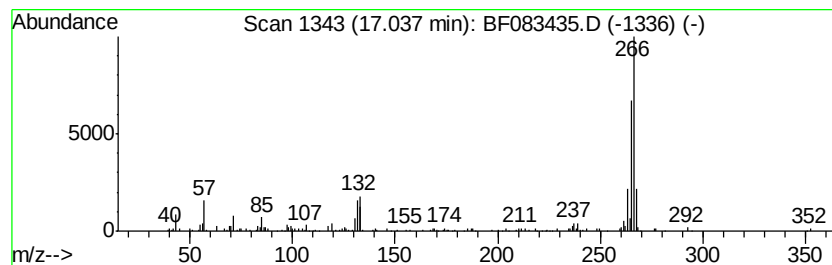
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benz[j]aceanthrylene, 3-met... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	7.95 ng	489637	Perylene-d12	16.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[il]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	83
2			11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	81
3			13H-Dibenzof[a,h]fluorene	266	C21H14	000239-85-0	81
4			4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	80
5			8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083435.D
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Operator : UM/IZ
Sample : G4582-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
SB-P3WC-06(6-13)

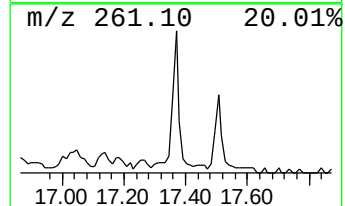
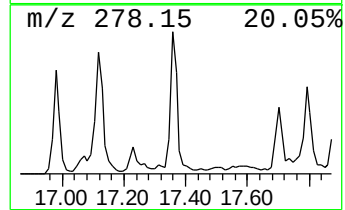
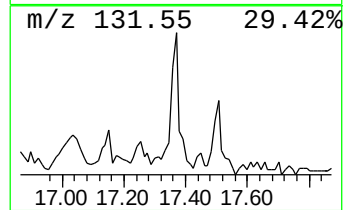
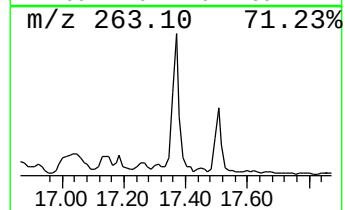
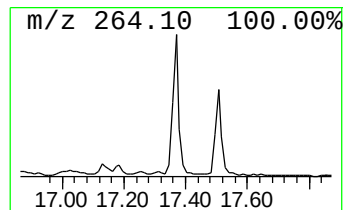
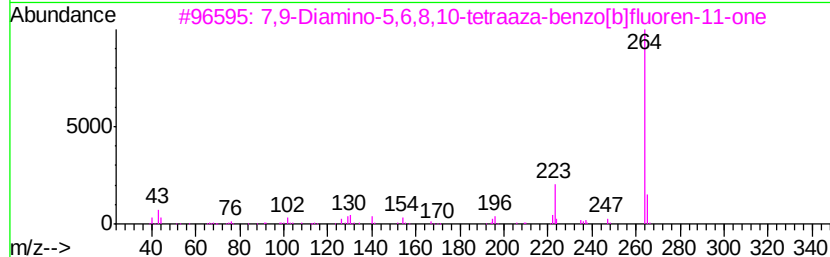
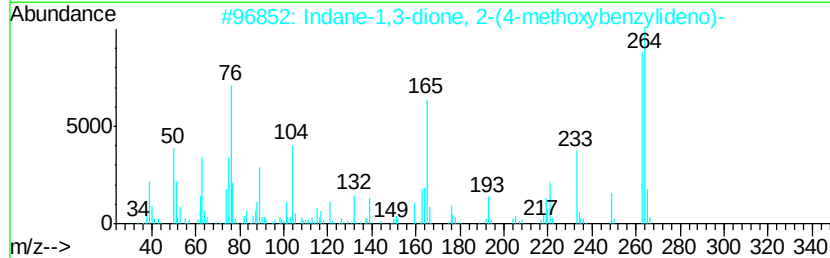
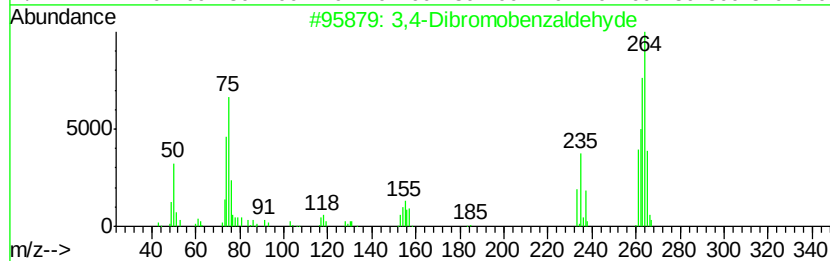
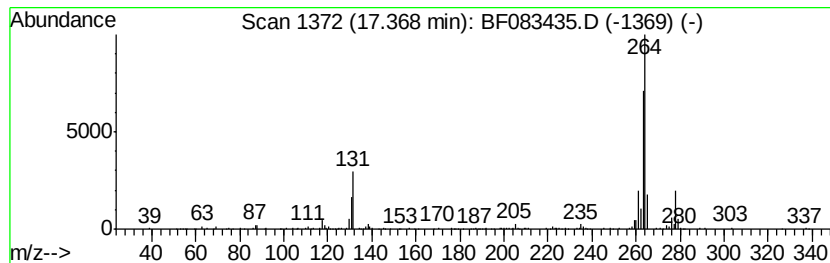
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3,4-Dibromobenzaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	7.11 ng	438085	Perylene-d12	16.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	58
2			Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	47
3			7,9-Diamino-5,6,8,10-tetraaza-be...	264	C13H8N6O	052559-29-2	27
4			3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	22
5			Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083435.D
Acq On : 2 Dec 2015 23:51
Operator : UM/IZ
Sample : G4582-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-06(6-13)

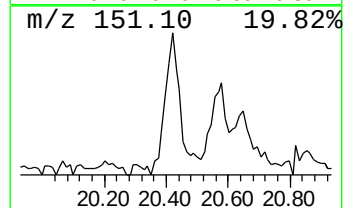
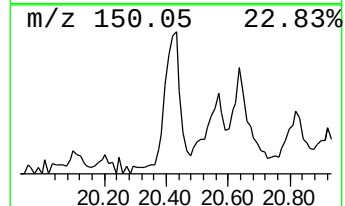
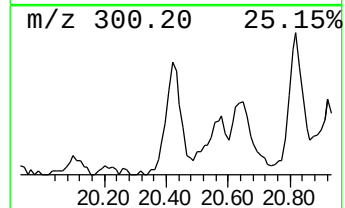
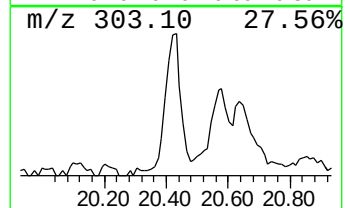
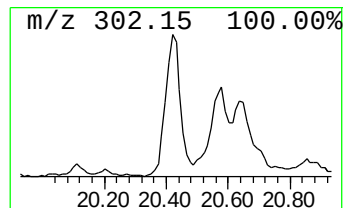
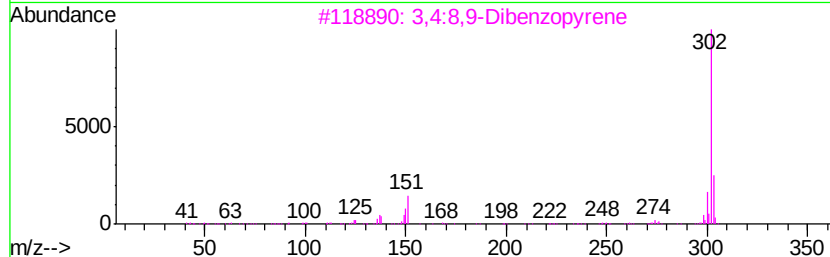
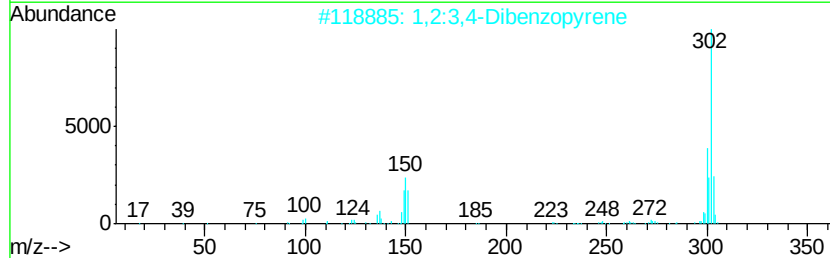
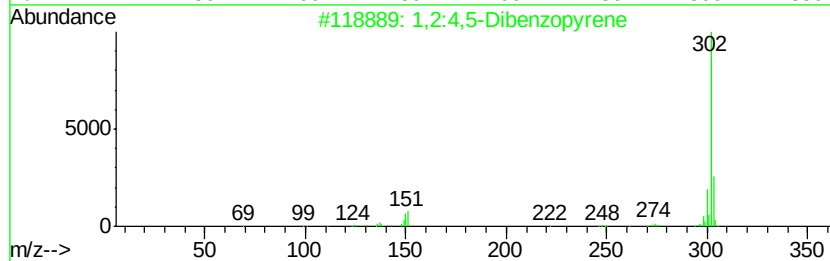
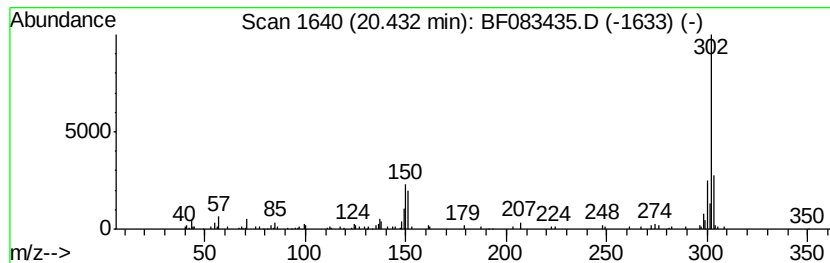
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	6.08 ng	374644	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
2		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	86
4		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	86
5		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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Acq On : 2 Dec 2015 23:51
Operator : UM/IZ
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SB-P3WC-06(6-13)

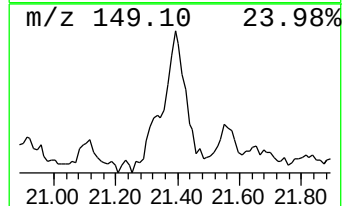
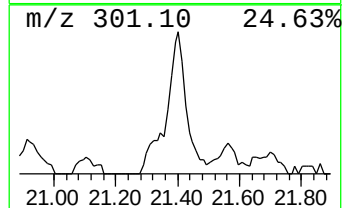
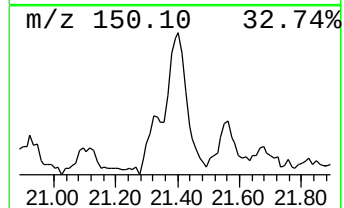
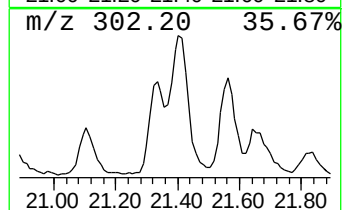
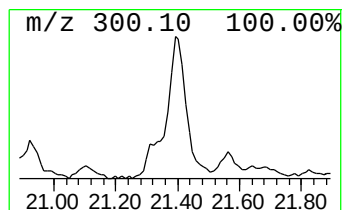
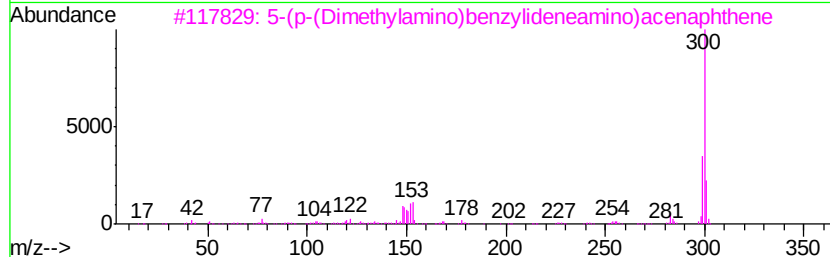
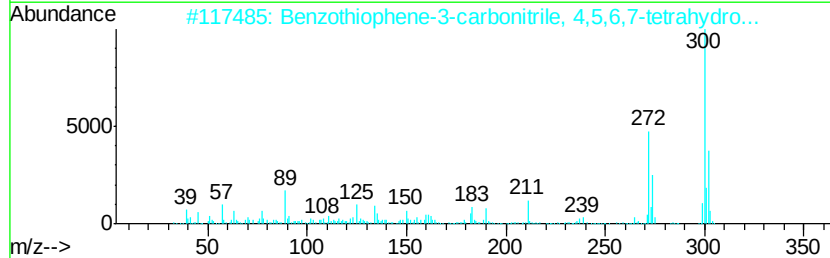
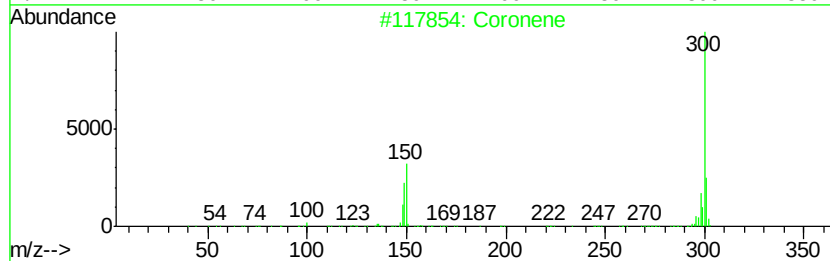
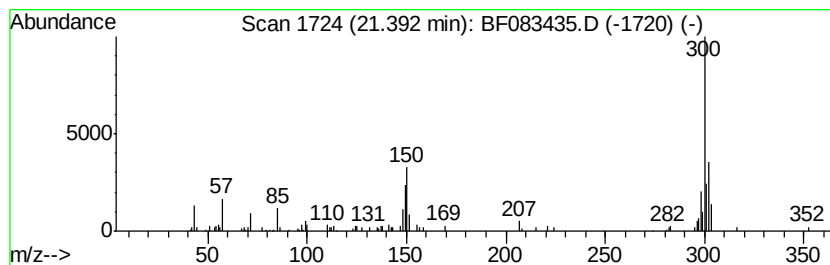
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	6.37 ng	392164	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	95
2		Benzo[thiophene-3-carbonitrile, 4...	300	C16H13ClN2S	069438-07-9	50
3		5-(p-(Dimethylamino)benzylideneamino)acenaphthene	300	C21H20N2	006256-22-0	43
4		Androst-4-ene-3,6,17-trione	300	C19H24O3	002243-06-3	43
5		4-[p-Chlorophenoxy]-6-methoxy-8-...	300	C16H13ClN2O2	063456-90-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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 Operator : UM/IZ
 Sample : G4582-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SB-P3WC-06(6-13)

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
2-Pentanone, 4-hy...	4.66	40.7	ng	2236920	1	6.53	1098160	20.0
Benzene, 1-ethyl-...	6.05	6.8	ng	374370	1	6.53	1098160	20.0
unknown6.32	6.32	110.9	ng	6089660	1	6.53	1098160	20.0
Benzene, 1,2,3-tr...	6.36	11.7	ng	643995	1	6.53	1098160	20.0
Indene	6.80	27.5	ng	1508840	1	6.53	1098160	20.0
Cyclohexane, (4-m...	8.75	7.8	ng	889915	3	9.57	2276500	20.0
Naphthalene, 1-et...	9.09	13.4	ng	1522420	3	9.57	2276500	20.0
Naphthalene, 1,6-...	9.16	14.4	ng	1643770	3	9.57	2276500	20.0
Naphthalene, 2,3-...	9.24	16.1	ng	1830470	3	9.57	2276500	20.0
Benzaldehyde, 2,4...	10.03	9.4	ng	1074940	3	9.57	2276500	20.0
Heptacosane	10.25	13.0	ng	1481240	3	9.57	2276500	20.0
Fluoranthene, 2-m...	13.44	7.5	ng	1525300	5	14.73	4077400	20.0
Benz[j]aceanthryl...	17.04	8.0	ng	489637	6	16.80	1231990	20.0
3,4-Dibromobenzal...	17.37	7.1	ng	438085	6	16.80	1231990	20.0
1,2:4,5-Dibenzopy...	20.43	6.1	ng	374644	6	16.80	1231990	20.0
Coronene	21.39	6.4	ng	392164	6	16.80	1231990	20.0