

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083457.D
 Acq On : 3 Dec 2015 11:58
 Operator : UM/IZ
 Sample : G4584-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-15(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	257	259	268	rVB	626833	1185651	2.18%	0.234%
2	4.921	280	283	286	rBV	2062175	2282753	4.20%	0.450%
3	5.047	291	294	299	rBV	764584	1319456	2.43%	0.260%
4	5.127	299	301	310	rBV	3409970	3939491	7.25%	0.776%
5	5.321	315	318	321	rBV	855252	1139113	2.10%	0.224%
6	6.053	379	382	384	rBV	1665534	1758474	3.24%	0.346%
7	6.213	394	396	398	rBV	4066091	4438996	8.17%	0.875%
8	6.316	403	405	407	rVV	3790297	4076939	7.50%	0.803%
9	6.362	407	409	413	rVB3	1137488	2098105	3.86%	0.413%
10	6.693	436	438	439	rBV	2564953	2915347	5.37%	0.574%
11	6.727	439	441	443	rVB	2144185	2909858	5.36%	0.573%
12	6.807	445	448	450	rBV	5195934	5736646	10.56%	1.130%
13	7.116	470	475	478	rVB2	2595637	3542157	6.52%	0.698%
14	7.173	478	480	482	rBV2	1145772	1713084	3.15%	0.338%
15	7.585	513	516	518	rVV2	1782822	2788326	5.13%	0.549%
16	7.619	518	519	522	rVV2	1255229	1710535	3.15%	0.337%
17	7.905	532	544	545	rBV	14925716	54327901	100.00%	10.704%
18	8.133	558	564	565	rBV4	664265	1273411	2.34%	0.251%
19	8.282	574	577	580	rVV2	1898951	2831419	5.21%	0.558%
20	8.453	590	592	594	rVV	2648863	2990548	5.50%	0.589%
21	8.499	594	596	598	rVV3	700369	1383307	2.55%	0.273%
22	8.556	598	601	604	rVV	8546126	16126819	29.68%	3.178%
23	8.659	606	610	612	rVV	8547326	12164278	22.39%	2.397%
24	8.750	613	618	619	rVV3	1133355	1993536	3.67%	0.393%
25	8.876	625	629	630	rVV	1687056	2457461	4.52%	0.484%
26	8.910	630	632	635	rVV	3402083	3892660	7.17%	0.767%
27	9.013	638	641	644	rVV	7525821	9368357	17.24%	1.846%
28	9.105	646	649	652	rVV	4261549	6047132	11.13%	1.191%
29	9.173	652	655	657	rVV	3113904	4984277	9.17%	0.982%
30	9.253	659	662	663	rVV	4629640	6498995	11.96%	1.281%
31	9.322	666	668	670	rVV3	2137494	4974862	9.16%	0.980%
32	9.356	670	671	675	rVV2	2210156	4383161	8.07%	0.864%
33	9.448	676	679	681	rVV	6011071	6744825	12.42%	1.329%
34	9.539	685	687	689	rVV	2995693	3175787	5.85%	0.626%

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Integration Parameters: rteint.p
 Integrator: RTE
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 Sampling : 1
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Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.630	689	695	698	rVV2	10352484	22749915	41.88%	4.482%
36	9.688	698	700	703	rVV2	920623	1563994	2.88%	0.308%
37	9.790	705	709	711	rVV2	2511497	4981524	9.17%	0.982%
38	9.825	711	712	714	rVV	1702702	1980372	3.65%	0.390%
39	9.859	714	715	717	rVV	1874654	1759886	3.24%	0.347%
40	9.893	717	718	720	rVV2	1836383	2473310	4.55%	0.487%
41	9.985	724	726	729	rVV2	1076456	2312334	4.26%	0.456%
42	10.031	729	730	732	rVV2	3105609	4066942	7.49%	0.801%
43	10.099	732	736	737	rVV2	1588128	3209661	5.91%	0.632%
44	10.133	737	739	742	rVV	6466311	10723265	19.74%	2.113%
45	10.191	742	744	747	rVV3	1134618	2329520	4.29%	0.459%
46	10.259	747	750	751	rVV2	2225854	4470035	8.23%	0.881%
47	10.305	751	754	755	rVV2	1377052	2262791	4.17%	0.446%
48	10.351	755	758	762	rVB4	2733536	6252784	11.51%	1.232%
49	10.533	769	774	776	rBV3	2203080	5386928	9.92%	1.061%
50	10.693	785	788	789	rBV	1183460	1813304	3.34%	0.357%
51	10.716	789	790	793	rVV2	990562	1631927	3.00%	0.322%
52	10.773	793	795	799	rVB3	773603	1369191	2.52%	0.270%
53	11.002	813	815	818	rBV2	2782770	4554331	8.38%	0.897%
54	11.048	818	819	822	rVB	1240552	1425602	2.62%	0.281%
55	11.196	822	832	833	rBV	11217295	33247367	61.20%	6.551%
56	11.242	833	836	837	rVV	7396067	9755021	17.96%	1.922%
57	11.482	854	857	858	rVV2	1325501	1560294	2.87%	0.307%
58	11.516	858	860	864	rVV2	1836891	2363254	4.35%	0.466%
59	11.734	876	879	881	rBV	3250715	4847653	8.92%	0.955%
60	11.768	881	882	885	rVV	3171749	3878258	7.14%	0.764%
61	11.836	885	888	889	rVV	1158139	1992330	3.67%	0.393%
62	11.882	889	892	898	rVB2	5390749	10805572	19.89%	2.129%
63	12.042	903	906	908	rVV3	911266	1387651	2.55%	0.273%
64	12.111	909	912	914	rVV	2697200	4249045	7.82%	0.837%
65	12.145	914	915	919	rVB2	712042	1135376	2.09%	0.224%
66	12.454	938	942	944	rBV2	1500748	2677465	4.93%	0.528%
67	12.499	944	946	947	rVV	953501	1475491	2.72%	0.291%
68	12.579	951	953	957	rVB	959879	1645540	3.03%	0.324%
69	12.694	957	963	965	rBV	8077864	18329353	33.74%	3.611%
70	12.797	969	972	975	rVB	3197889	5594060	10.30%	1.102%
71	13.014	985	991	994	rVV	7980050	24531849	45.16%	4.834%

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72	13.208	1005	1008	1010	rBV	1972956	2729066	5.02%	0.538%
73	13.299	1012	1016	1018	rBV	973186	1646946	3.03%	0.325%
74	13.425	1023	1027	1028	rBV	904918	2214402	4.08%	0.436%
75	13.459	1028	1030	1032	rVB	2447832	3024256	5.57%	0.596%
76	13.551	1035	1038	1040	rBV	1915502	2672462	4.92%	0.527%
77	13.608	1040	1043	1044	rBV	1233581	1835877	3.38%	0.362%
78	13.734	1048	1054	1056	rBV2	1318557	3062881	5.64%	0.603%
79	13.779	1056	1058	1067	rVB	1525615	2632773	4.85%	0.519%
80	14.351	1105	1108	1110	rBV2	794272	1629557	3.00%	0.321%
81	14.442	1110	1116	1117	rVV2	1574335	4541686	8.36%	0.895%
82	14.751	1137	1143	1145	rBV	4760623	12801838	23.56%	2.522%
83	14.808	1145	1148	1151	rVV	4343412	9401198	17.30%	1.852%
84	14.968	1159	1162	1165	rBV	837131	1379191	2.54%	0.272%
85	15.357	1192	1196	1198	rBV	1097073	1724453	3.17%	0.340%
86	15.494	1203	1208	1210	rBV3	686142	1519080	2.80%	0.299%
87	15.574	1210	1215	1216	rBV2	639346	1255450	2.31%	0.247%
88	16.328	1275	1281	1286	rBV	3367675	11524596	21.21%	2.271%
89	16.443	1286	1291	1294	rBV	1132828	1907608	3.51%	0.376%
90	16.683	1308	1312	1315	rVV	2459650	5064480	9.32%	0.998%
91	16.774	1315	1320	1322	rVV2	3906733	8904950	16.39%	1.755%
92	16.865	1326	1328	1330	rVB	783797	1112121	2.05%	0.219%
93	17.071	1338	1346	1350	rBV4	370975	1976567	3.64%	0.389%
94	17.391	1370	1374	1379	rVV3	786742	1729233	3.18%	0.341%
95	18.054	1428	1432	1435	rBV2	494701	1256689	2.31%	0.248%
96	18.214	1441	1446	1449	rBV2	1925439	4223667	7.77%	0.832%
97	18.591	1473	1479	1483	rVV	1638718	4412099	8.12%	0.869%
98	18.786	1492	1496	1503	rVV	927413	2138852	3.94%	0.421%
99	20.466	1637	1643	1648	rBV	422757	1360120	2.50%	0.268%
100	21.483	1727	1732	1739	rVV	466426	1878770	3.46%	0.370%

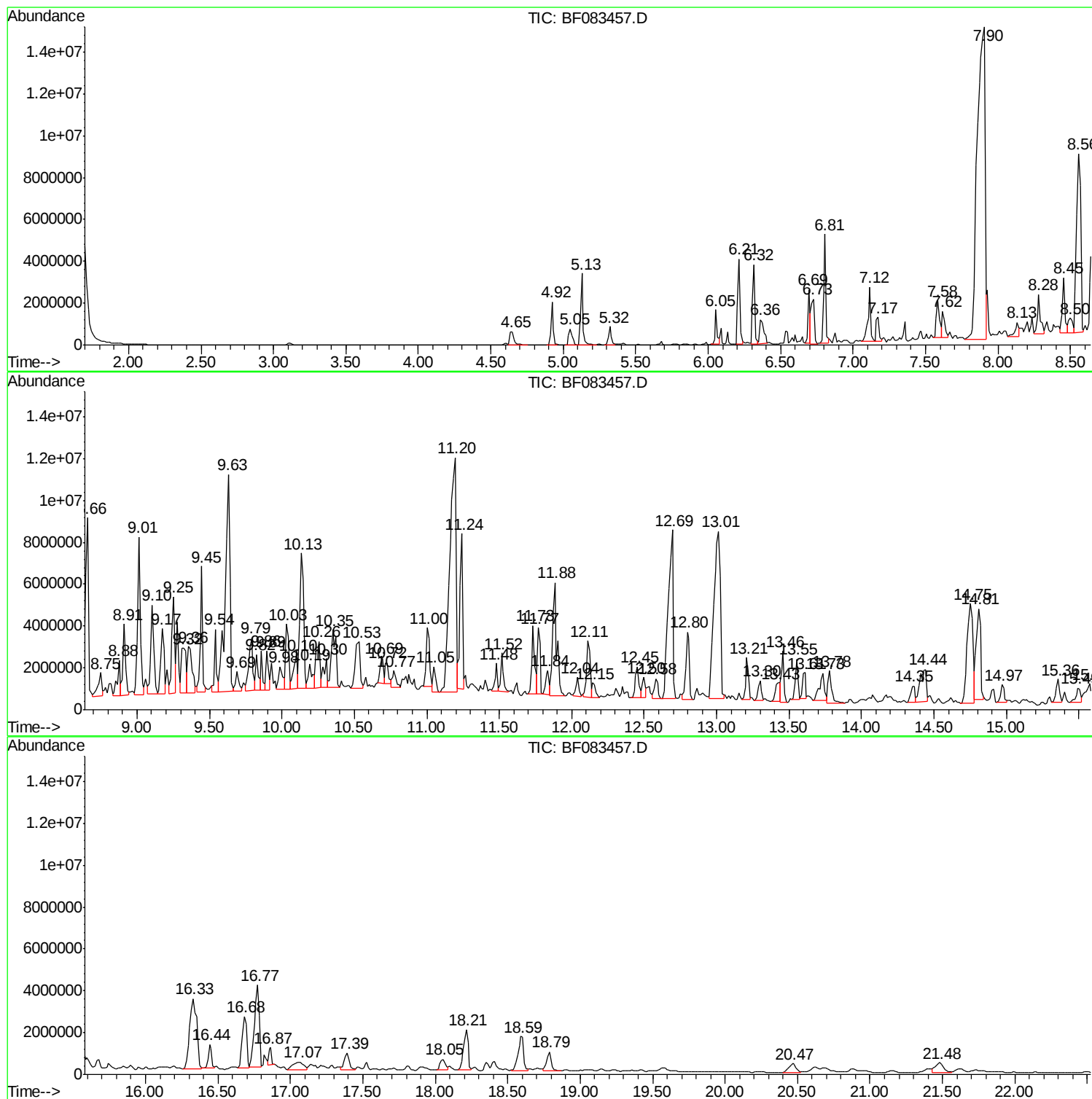
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ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-P3WC-15(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



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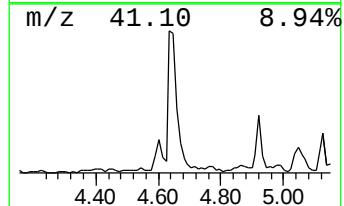
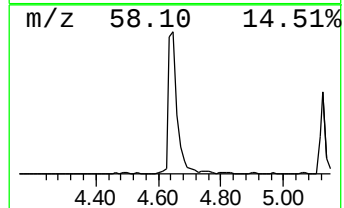
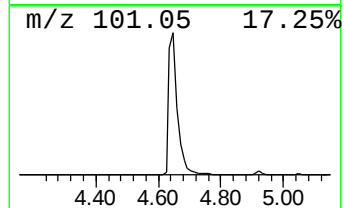
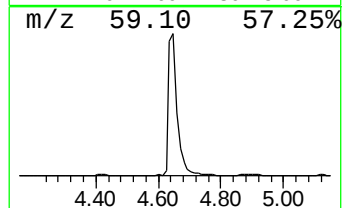
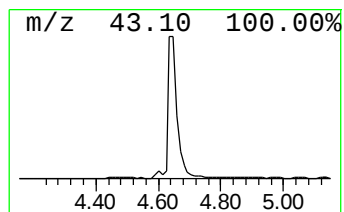
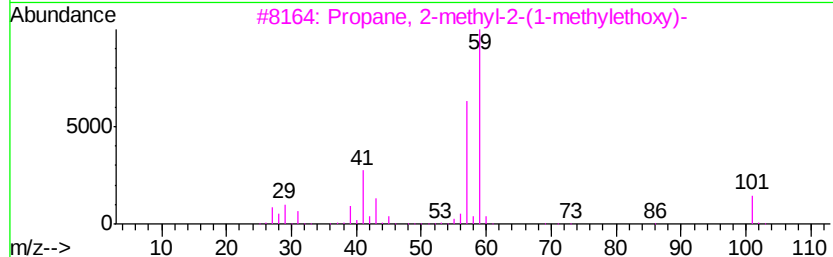
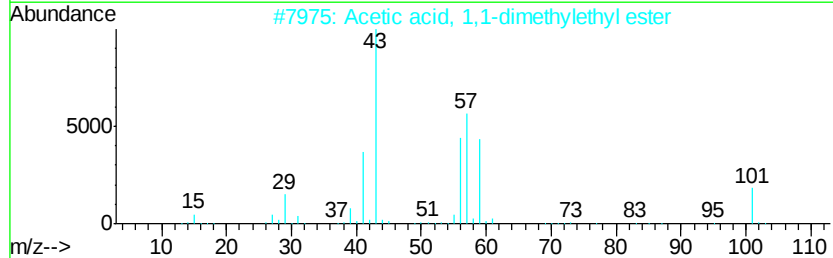
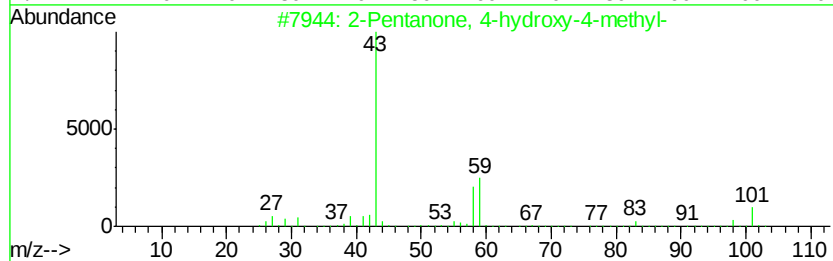
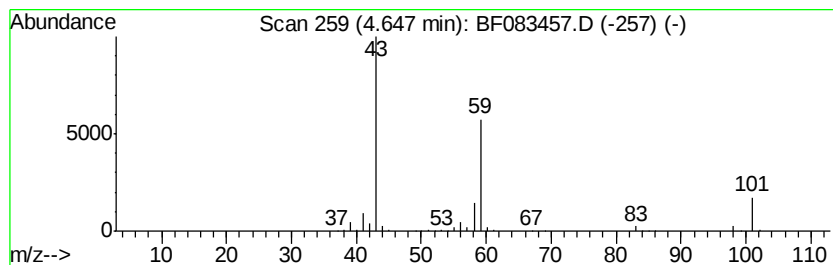
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	8.13 ng	1185650	1,4-Dichlorobenzene-d4	6.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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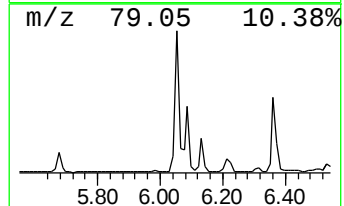
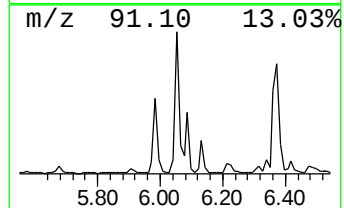
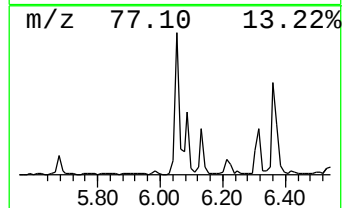
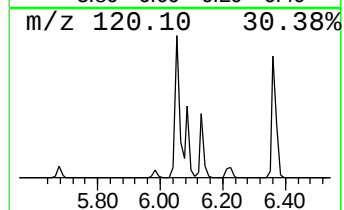
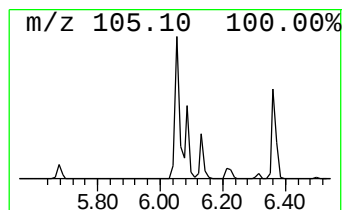
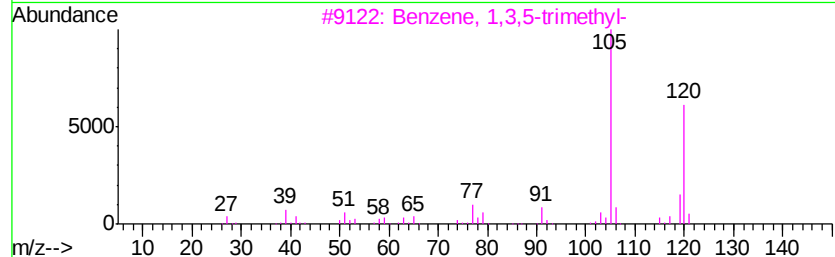
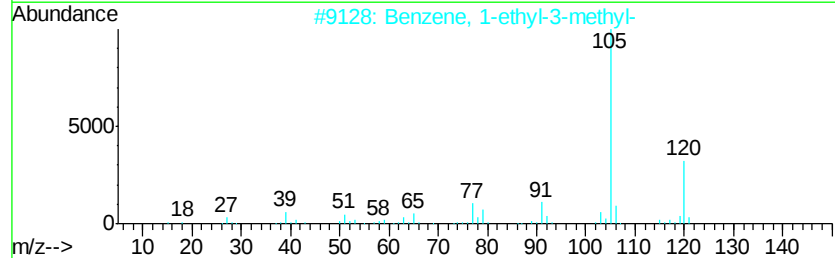
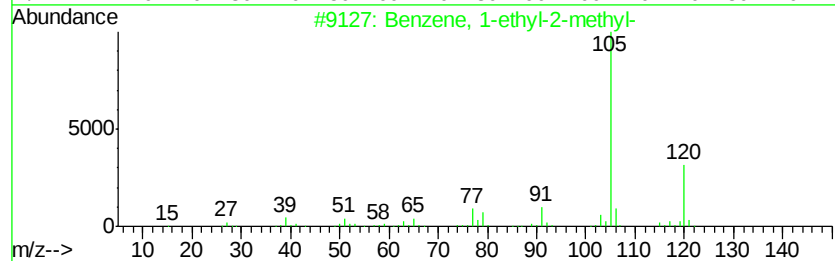
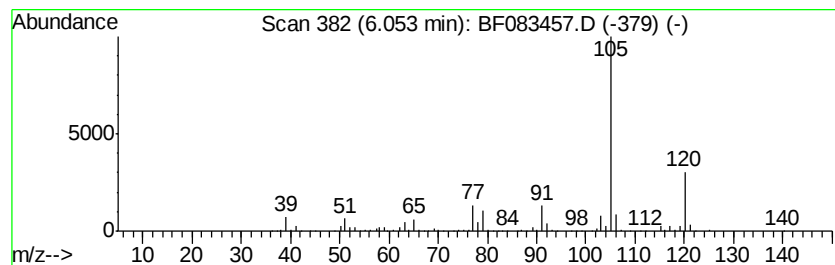
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	12.06 ng	1758470	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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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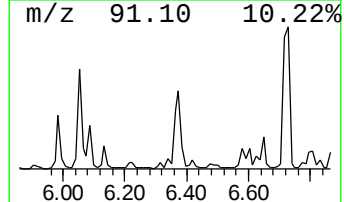
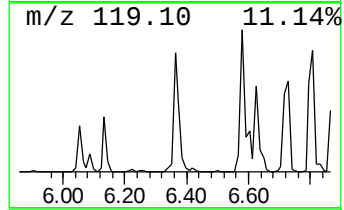
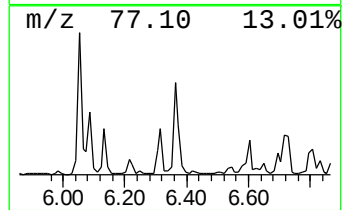
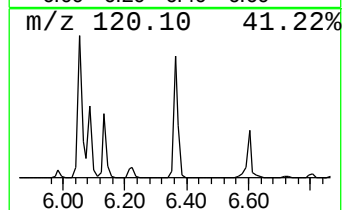
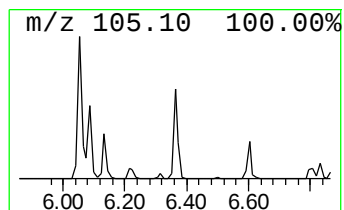
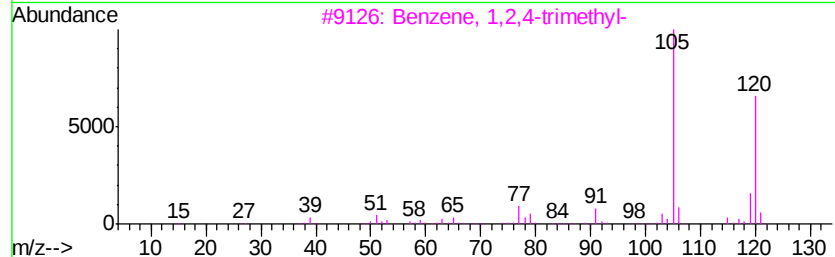
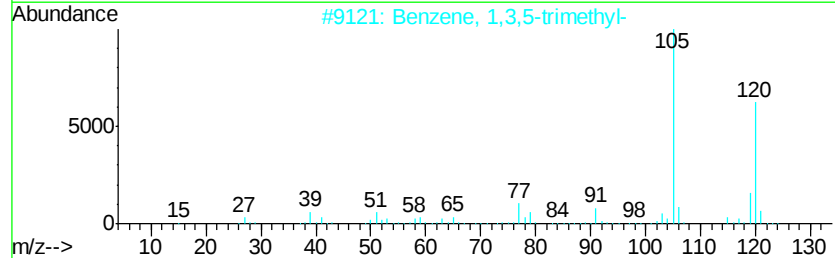
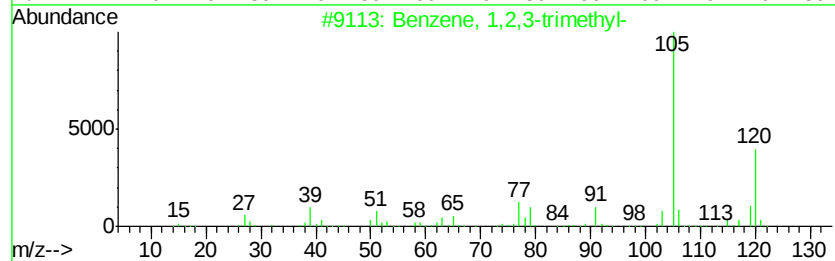
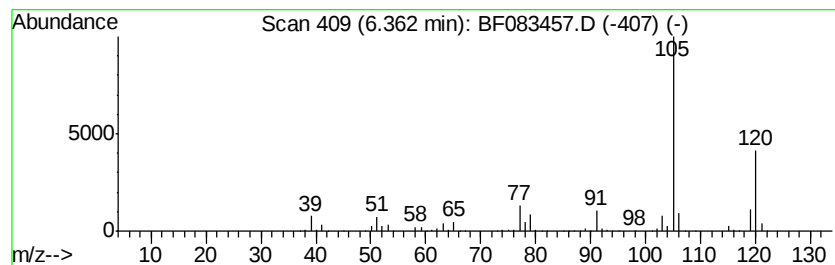
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	14.39 ng	2098110	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083457.D
Acq On : 3 Dec 2015 11:58
Operator : UM/IZ
Sample : G4584-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-15(0-8)

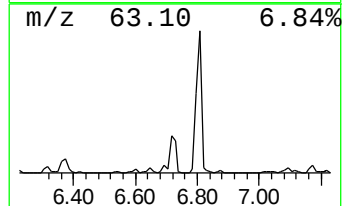
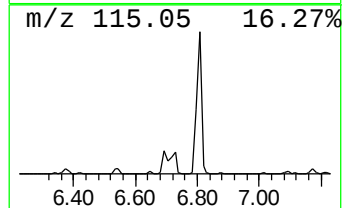
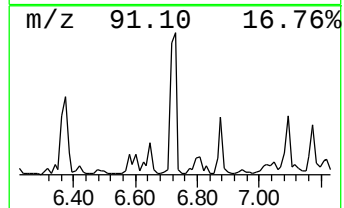
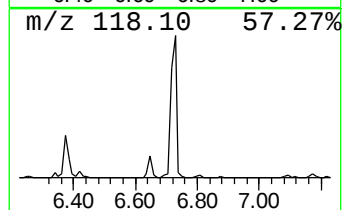
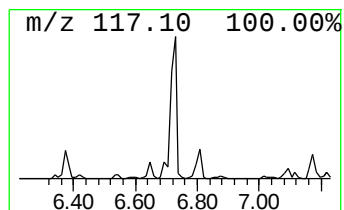
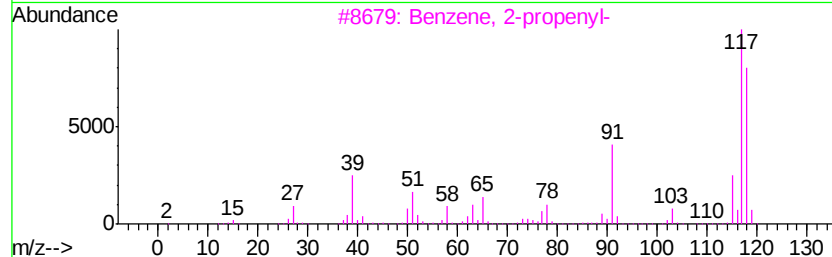
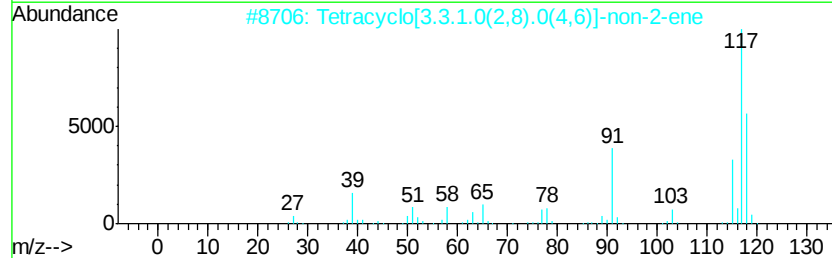
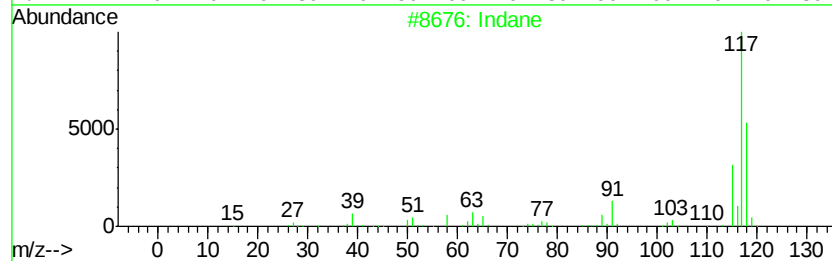
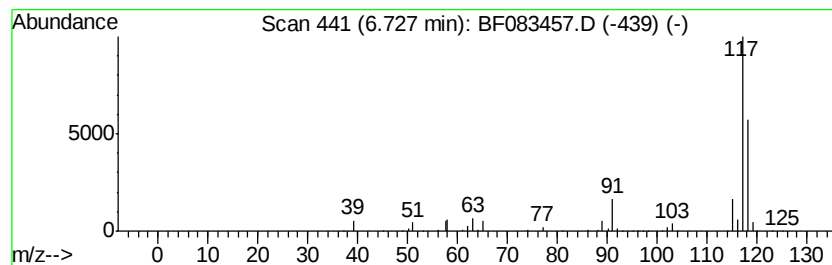
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	19.96 ng	2909860	1,4-Dichlorobenzene-d4	6.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	90
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	86
3	Benzene, 2-propenyl-		118	C9H10	000300-57-2	64
4	Deltacyclene		118	C9H10	007785-10-6	59
5	Benzene, cyclopropyl-		118	C9H10	000873-49-4	50



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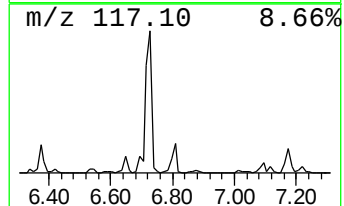
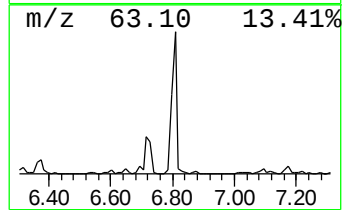
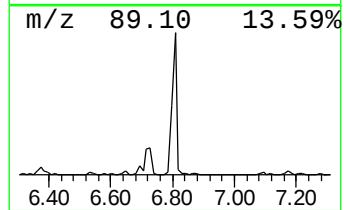
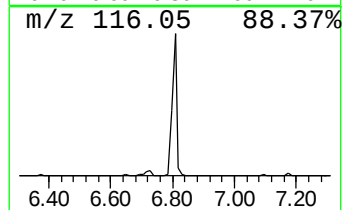
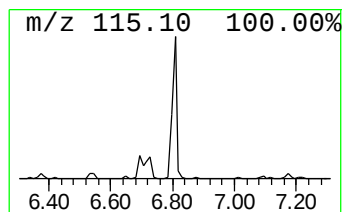
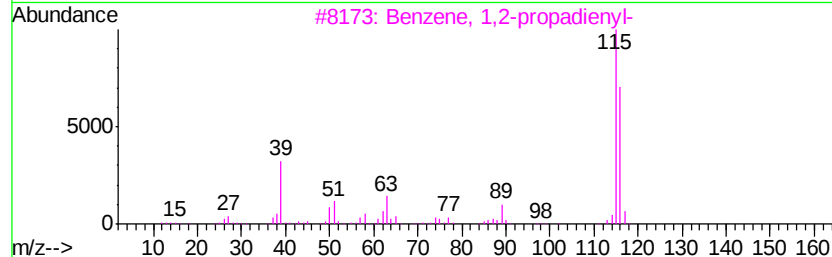
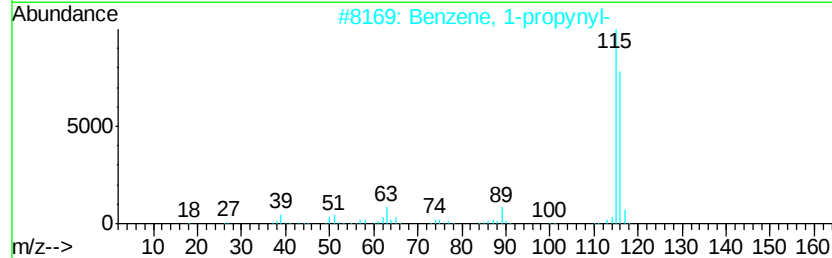
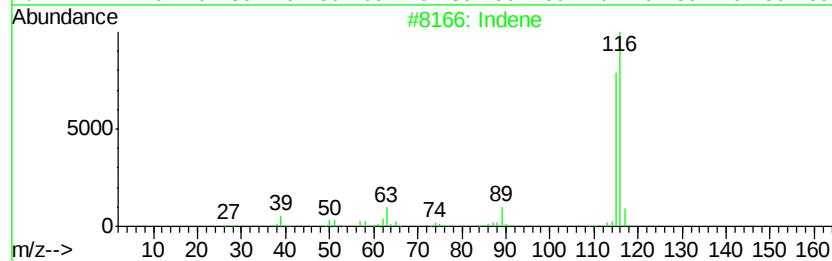
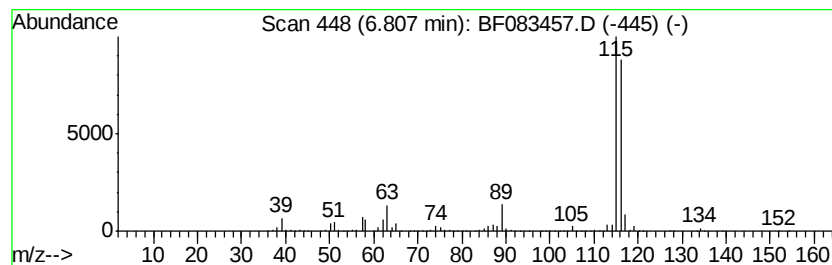
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	39.35 ng	5736650	1,4-Dichlorobenzene-d4	6.54

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, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	56



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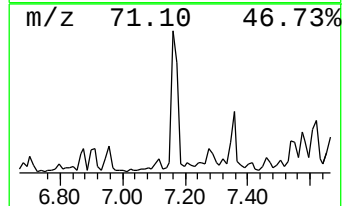
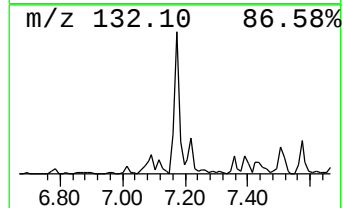
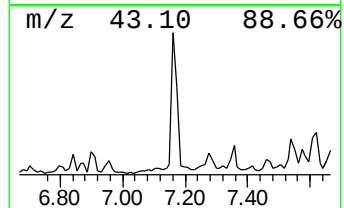
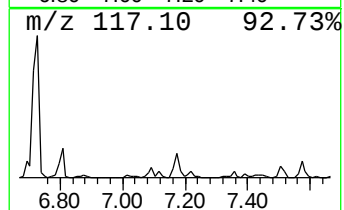
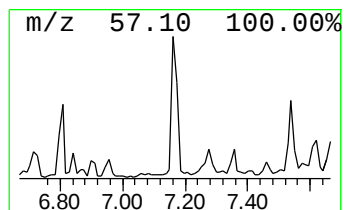
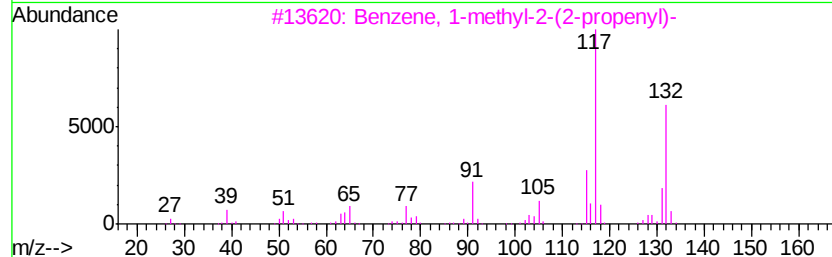
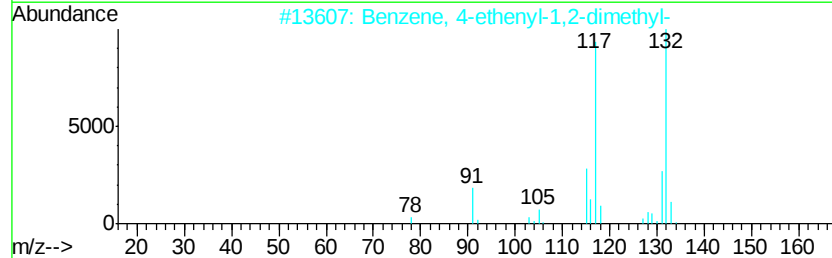
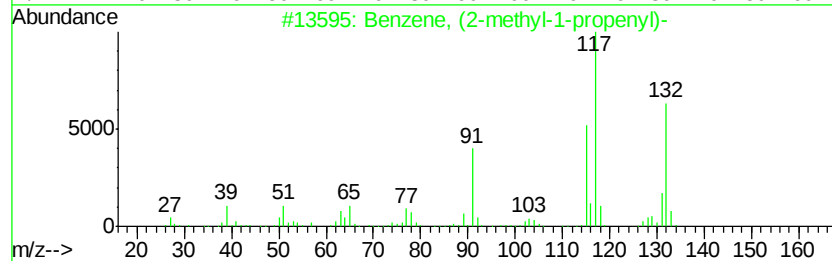
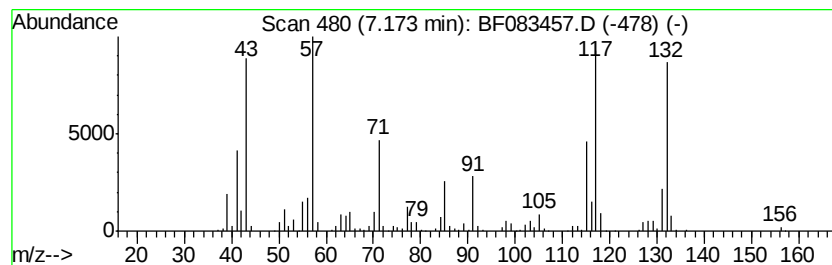
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, (2-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	11.75 ng	1713080	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
2		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	93
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	92
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083457.D
Acq On : 3 Dec 2015 11:58
Operator : UM/IZ
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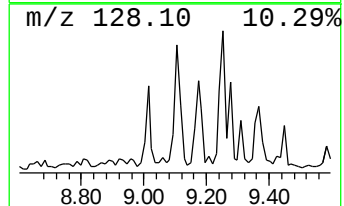
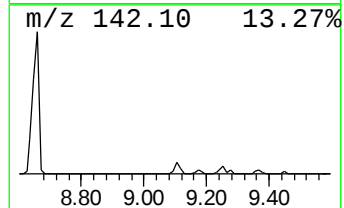
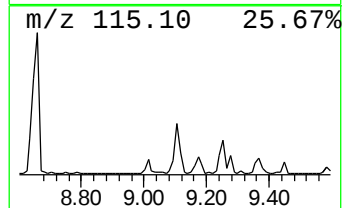
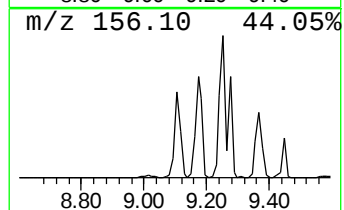
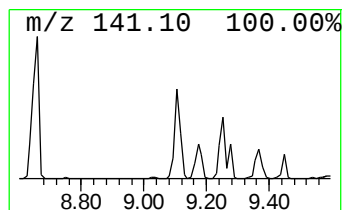
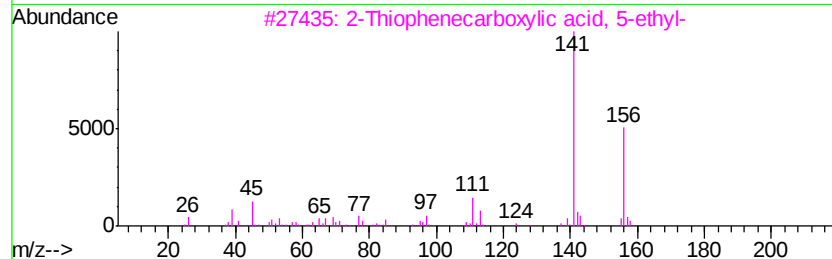
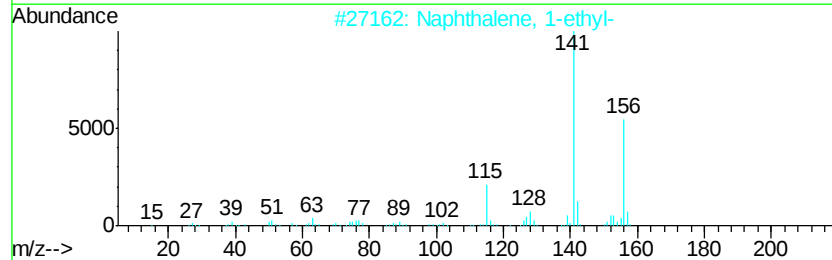
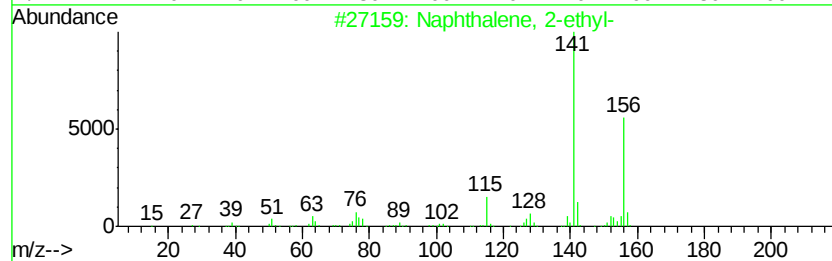
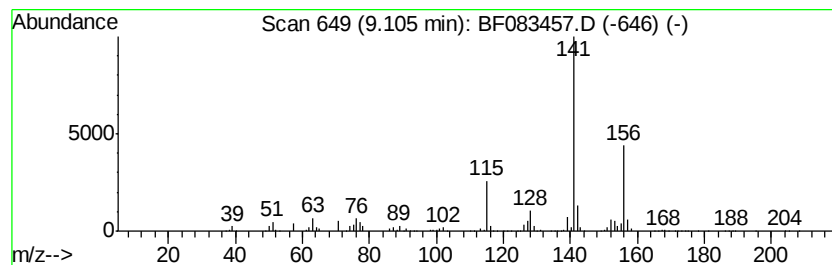
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	5.32 ng	6047130	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	58
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083457.D
Acq On : 3 Dec 2015 11:58
Operator : UM/IZ
Sample : G4584-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

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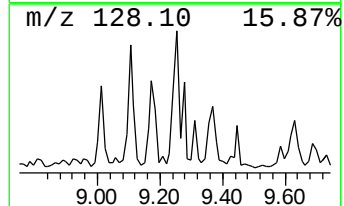
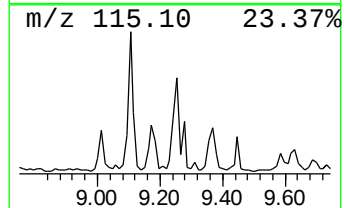
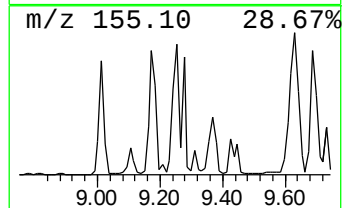
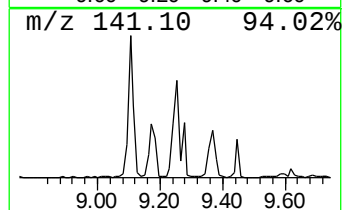
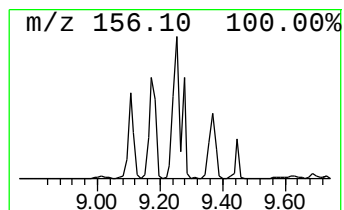
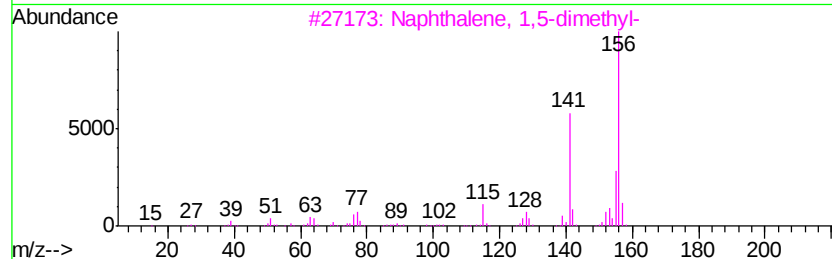
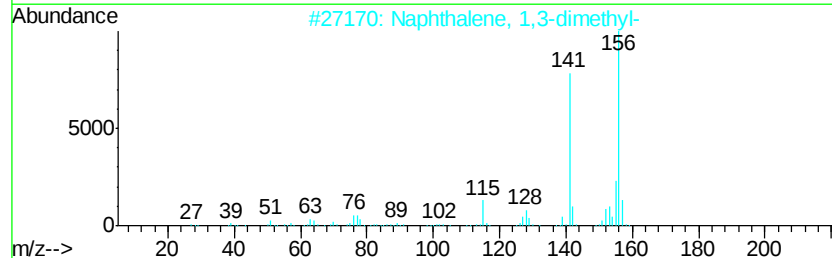
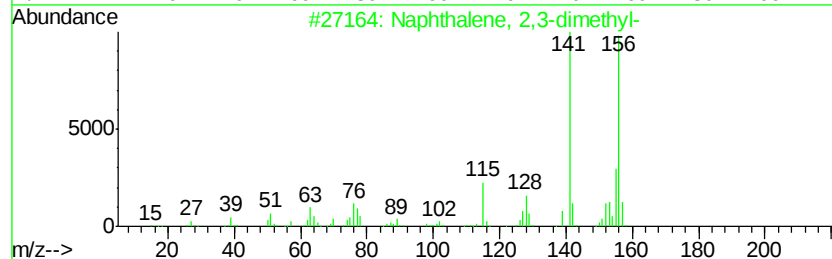
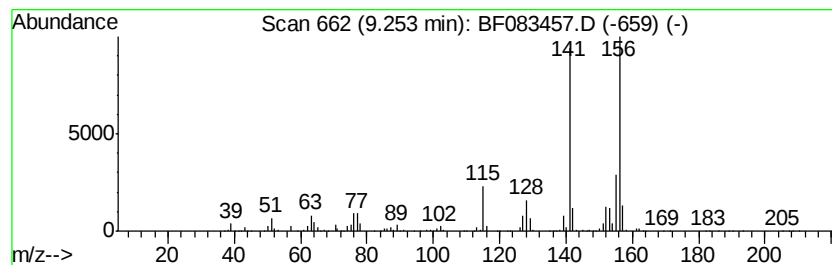
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	5.71 ng	6499000	Acenaphthene-d10	9.58

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083457.D
Acq On : 3 Dec 2015 11:58
Operator : UM/IZ
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SB-P3WC-15(0-8)

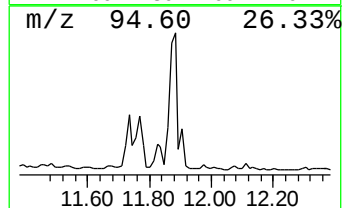
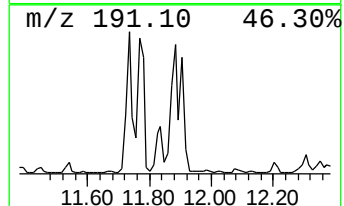
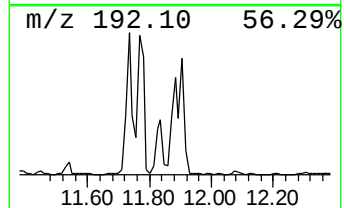
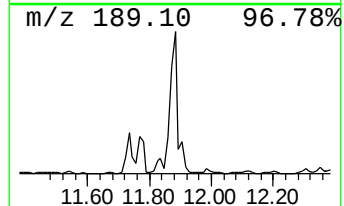
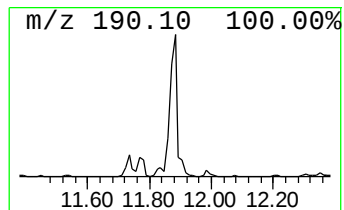
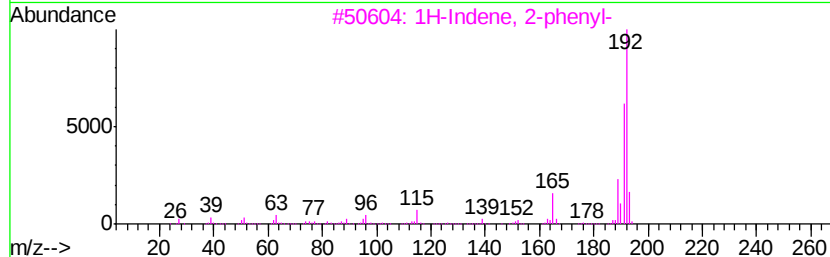
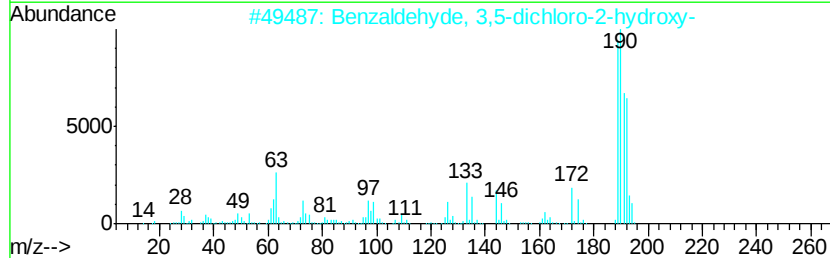
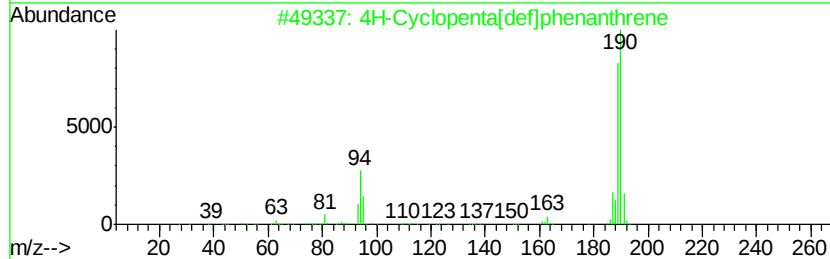
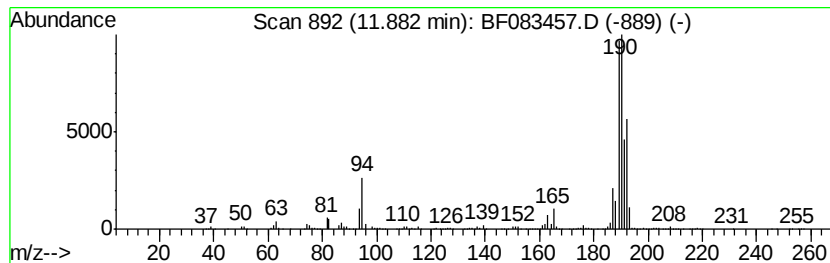
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	6.50 ng	10805600	Phenanthrene-d10	11.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083457.D
Acq On : 3 Dec 2015 11:58
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ClientSampleId :
SB-P3WC-15(0-8)

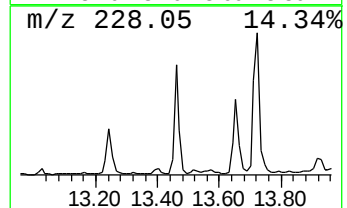
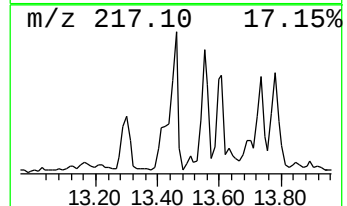
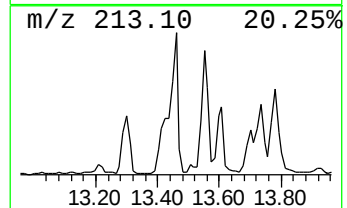
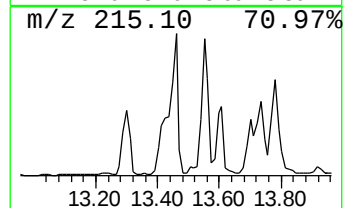
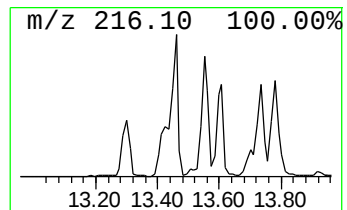
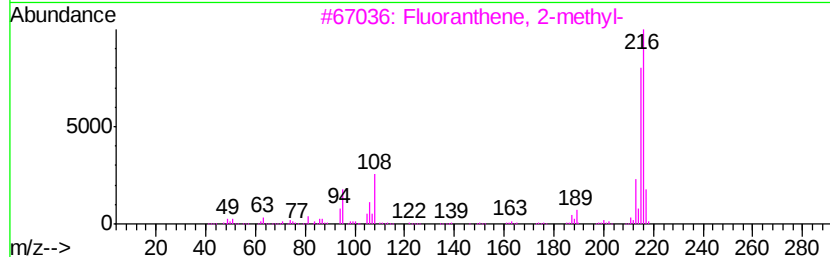
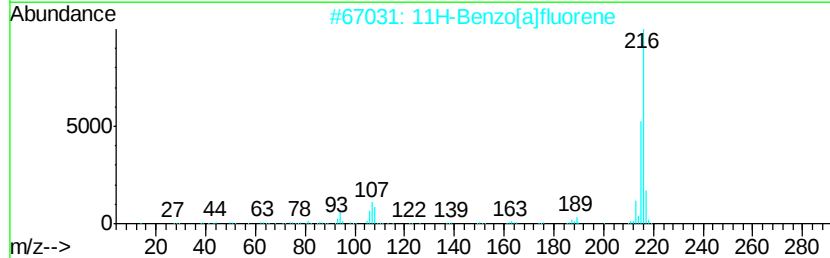
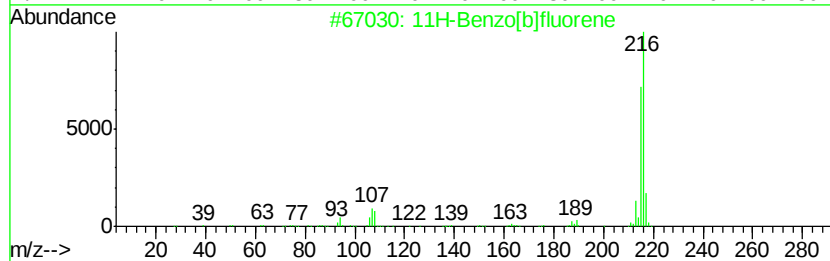
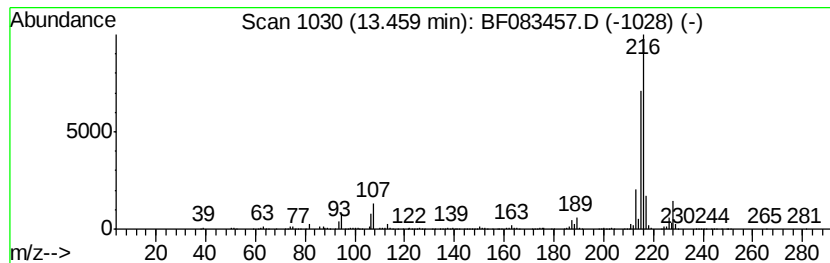
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	4.72 ng	3024260	Chrysene-d12	14.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083457.D
Acq On : 3 Dec 2015 11:58
Operator : UM/IZ
Sample : G4584-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-15(0-8)

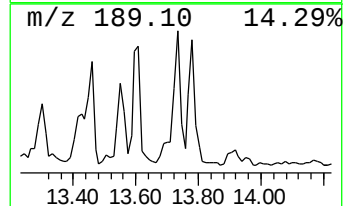
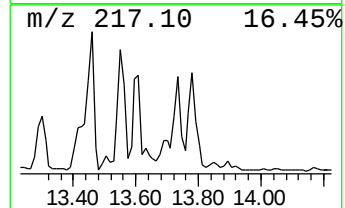
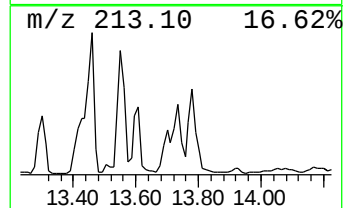
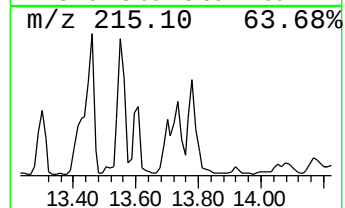
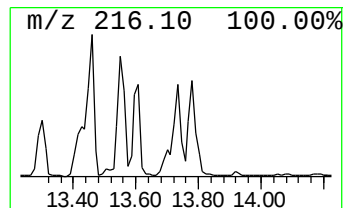
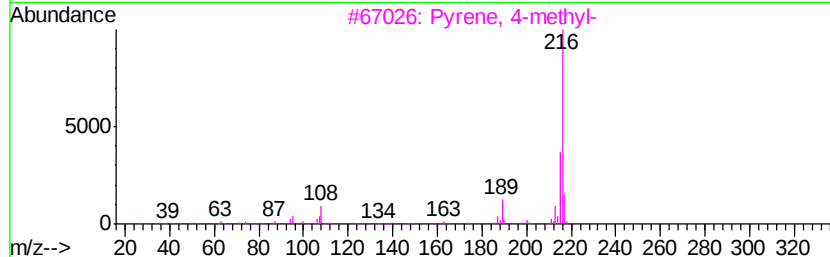
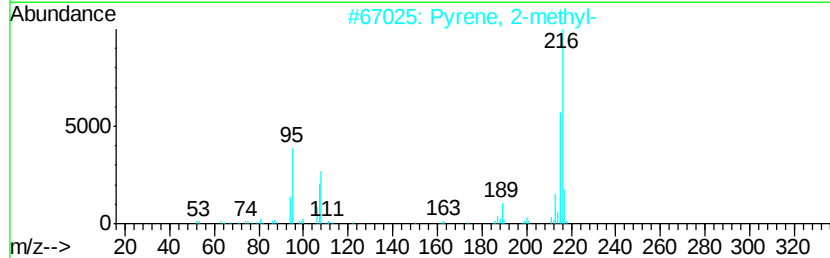
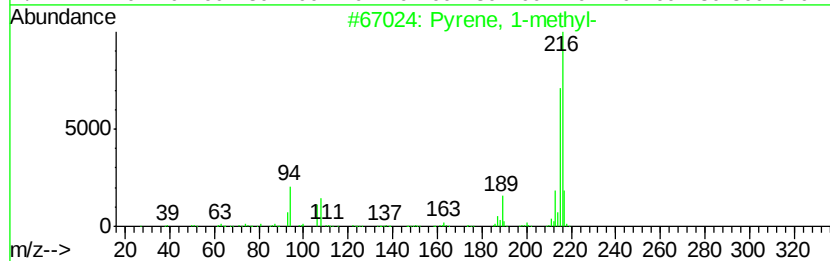
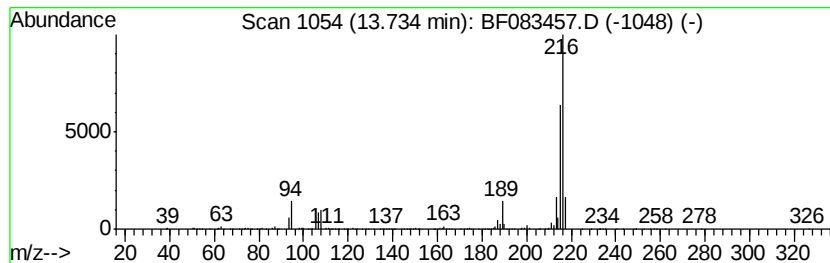
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.79 ng	3062880	Chrysene-d12	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3		Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083457.D
Acq On : 3 Dec 2015 11:58
Operator : UM/IZ
Sample : G4584-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-15(0-8)

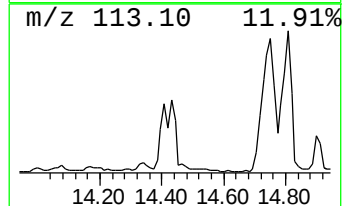
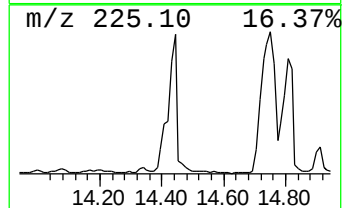
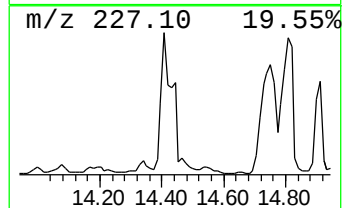
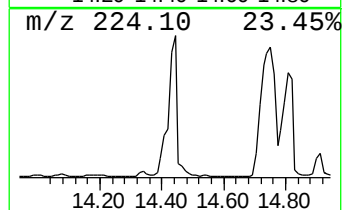
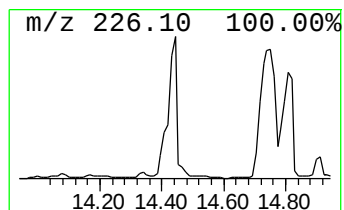
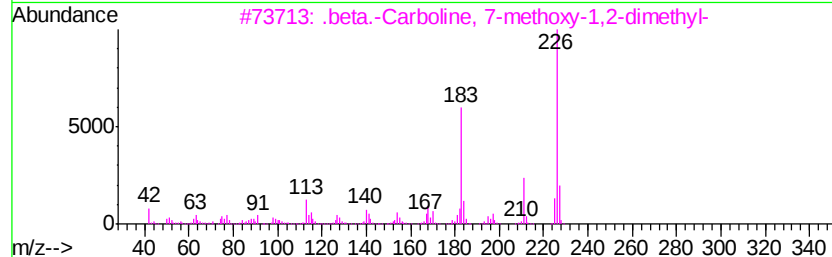
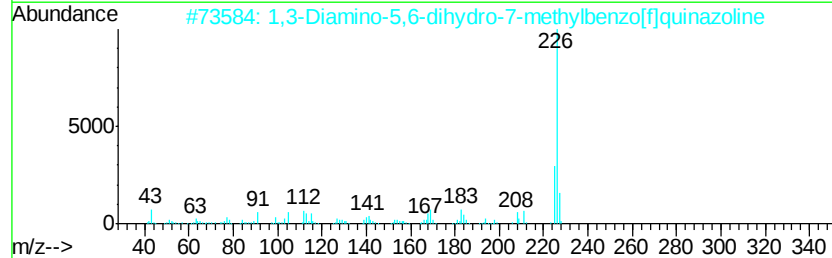
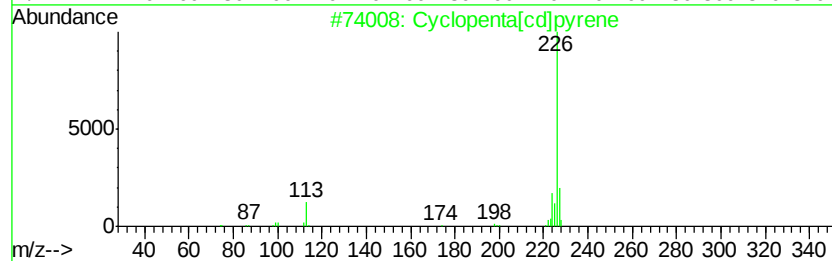
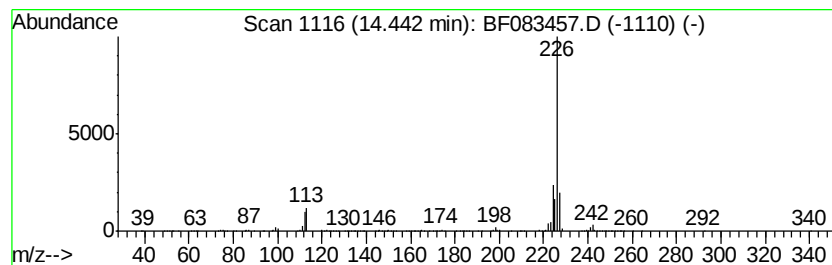
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta[cd]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	7.10 ng	4541690	Chrysene-d12	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	90
2		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
3		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
4		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47
5		Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083457.D
Acq On : 3 Dec 2015 11:58
Operator : UM/IZ
Sample : G4584-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-15(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
2-Pentanone, 4-hy...	4.65	8.1 ng		1185650	1	6.54	2915350	20.0
Benzene, 1-ethyl-...	6.05	12.1 ng		1758470	1	6.54	2915350	20.0
Benzene, 1,2,3-tr...	6.36	14.4 ng		2098110	1	6.54	2915350	20.0
Indane	6.73	20.0 ng		2909860	1	6.54	2915350	20.0
Indene	6.81	39.4 ng		5736650	1	6.54	2915350	20.0
Benzene, (2-methy...	7.17	11.8 ng		1713080	1	6.54	2915350	20.0
Naphthalene, 2-et...	9.10	5.3 ng		6047130	3	9.58	22749900	20.0
Naphthalene, 2,3-...	9.25	5.7 ng		6499000	3	9.58	22749900	20.0
4H-Cyclopenta[def...	11.88	6.5 ng		10805600	4	11.14	33247400	20.0
11H-Benzo[b]fluorene	13.46	4.7 ng		3024260	5	14.76	12801800	20.0
Pyrene, 1-methyl-	13.73	4.8 ng		3062880	5	14.76	12801800	20.0
Cyclopenta[cd]pyrene	14.44	7.1 ng		4541690	5	14.76	12801800	20.0