

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092877.D
 Acq On : 9 Feb 2017 2:14
 Operator : SJ/MA
 Sample : I1728-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-R2-COMP

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-BF013017.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	5.059	258	260	267	rVB	95050	153470	2.02%	0.207%
2	5.482	295	297	300	rBV	351514	376380	4.94%	0.509%
3	6.522	386	388	393	rBV	456423	421166	5.53%	0.569%
4	6.659	398	400	402	rBV	505245	413395	5.43%	0.559%
5	6.899	418	421	423	rBV	695615	835347	10.97%	1.129%
6	7.047	432	434	439	rVB	337473	326361	4.29%	0.441%
7	7.459	467	470	472	rBV	258480	235311	3.09%	0.318%
8	8.179	531	533	537	rBV2	1250645	1968314	25.84%	2.660%
9	8.248	537	539	542	rVB	72124	99725	1.31%	0.135%
10	8.888	593	595	598	rBV	317408	433374	5.69%	0.586%
11	8.990	602	604	606	rVB	434981	367310	4.82%	0.496%
12	9.253	625	627	629	rVV	578199	463230	6.08%	0.626%
13	9.356	632	636	638	rBV	273028	243779	3.20%	0.329%
14	9.448	643	644	647	rVB	91140	95960	1.26%	0.130%
15	9.516	647	650	652	rBV	160682	215669	2.83%	0.291%
16	9.596	654	657	658	rVV	186410	266262	3.50%	0.360%
17	9.710	664	667	672	rVV	106611	142562	1.87%	0.193%
18	9.791	672	674	677	rVB	136459	129364	1.70%	0.175%
19	9.939	683	687	688	rBV	951445	1460989	19.18%	1.975%
20	9.962	688	689	691	rVV	1636112	2064621	27.11%	2.791%
21	10.088	698	700	702	rBV	145414	153973	2.02%	0.208%
22	10.133	702	704	706	rVV	913911	1039383	13.65%	1.405%
23	10.339	720	722	725	rVB2	62464	116745	1.53%	0.158%
24	10.431	725	730	732	rBV5	51774	125958	1.65%	0.170%
25	10.476	732	734	737	rVB	1393709	1947058	25.56%	2.632%
26	10.545	737	740	741	rBV	289527	421913	5.54%	0.570%
27	10.568	741	742	743	rVV	363064	275299	3.61%	0.372%
28	10.613	743	746	747	rVV2	187047	275105	3.61%	0.372%
29	10.636	747	748	750	rVB	428021	325973	4.28%	0.441%
30	10.716	753	755	757	rVV	648612	728441	9.56%	0.985%
31	10.762	757	759	761	rVB2	73330	128582	1.69%	0.174%
32	10.842	763	766	768	rBV2	285680	461614	6.06%	0.624%
33	10.911	768	772	774	rBV3	126655	121878	1.60%	0.165%
34	11.025	779	782	784	rBV2	370065	521281	6.84%	0.705%

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35	11.105	788	789	791	rVB	128349	138695	1.82%	0.187%
36	11.151	791	793	794	rBV2	118059	210124	2.76%	0.284%
37	11.174	794	795	798	rVV	140765	189398	2.49%	0.256%
38	11.265	801	803	805	rBV2	194799	295612	3.88%	0.400%
39	11.311	805	807	810	rVB	600021	658605	8.65%	0.890%
40	11.448	814	819	821	rBV2	4475515	6884285	90.39%	9.305%
41	11.494	821	823	825	rVV	1159879	1068929	14.03%	1.445%
42	11.528	825	826	829	rVB	171410	168576	2.21%	0.228%
43	11.654	833	837	841	rBV3	271376	519724	6.82%	0.702%
44	11.711	841	842	844	rBV	230140	213764	2.81%	0.289%
45	11.745	844	845	848	rVB2	79422	92720	1.22%	0.125%
46	11.825	851	852	855	rVB	67861	93272	1.22%	0.126%
47	11.916	858	860	861	rBV	520910	526709	6.92%	0.712%
48	11.951	861	863	865	rVB	786253	740458	9.72%	1.001%
49	11.996	865	867	868	rBV	386269	365445	4.80%	0.494%
50	12.031	868	870	874	rVB2	1649611	2160906	28.37%	2.921%
51	12.214	885	886	887	rVV	409856	313314	4.11%	0.423%
52	12.236	887	888	890	rVB	117268	133920	1.76%	0.181%
53	12.362	896	899	900	rBV	184015	182438	2.40%	0.247%
54	12.419	903	904	906	rVB	136888	110318	1.45%	0.149%
55	12.465	906	908	910	rBV	234955	305928	4.02%	0.413%
56	12.511	910	912	915	rVB	216434	260946	3.43%	0.353%
57	12.557	915	916	920	rVB2	229685	301068	3.95%	0.407%
58	12.648	920	924	925	rBV	5016170	7112214	93.38%	9.613%
59	12.694	925	928	932	rVB3	201815	417957	5.49%	0.565%
60	12.785	932	936	938	rBV2	387153	557532	7.32%	0.754%
61	12.877	940	944	946	rBV	4379609	7616306	100.00%	10.294%
62	12.911	946	947	949	rVB2	284316	257778	3.38%	0.348%
63	13.002	950	955	958	rVB3	561694	1162134	15.26%	1.571%
64	13.082	958	962	964	rBV2	485425	866123	11.37%	1.171%
65	13.185	967	971	973	rVB2	1035356	1777944	23.34%	2.403%
66	13.254	975	977	979	rBV	1264750	1274060	16.73%	1.722%
67	13.288	979	980	984	rVV2	611489	912581	11.98%	1.233%
68	13.379	987	988	990	rBV	255760	340312	4.47%	0.460%
69	13.414	990	991	996	rVB2	340897	385486	5.06%	0.521%
70	13.585	1000	1006	1007	rBV5	132959	356232	4.68%	0.481%
71	13.608	1007	1008	1012	rVB3	141137	220996	2.90%	0.299%

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72	13.665	1012	1013	1015	rBV	180926	268443	3.52%	0.363%
73	13.699	1015	1016	1020	rVB3	132822	156141	2.05%	0.211%
74	13.802	1023	1025	1027	rBV	431604	631057	8.29%	0.853%
75	13.837	1027	1028	1029	rVV	466806	420338	5.52%	0.568%
76	13.859	1029	1030	1033	rVV2	519765	593407	7.79%	0.802%
77	13.940	1036	1037	1039	rBV	90287	116305	1.53%	0.157%
78	13.974	1039	1040	1043	rVB	150019	171057	2.25%	0.231%
79	14.054	1043	1047	1049	rBV2	2156635	4103735	53.88%	5.547%
80	14.088	1049	1050	1054	rVB	2633685	2128297	27.94%	2.877%
81	14.168	1054	1057	1059	rBV	370538	497584	6.53%	0.673%
82	14.271	1065	1066	1069	rVV2	183361	175789	2.31%	0.238%
83	14.408	1076	1078	1079	rVV	94286	104319	1.37%	0.141%
84	14.442	1079	1081	1082	rVV	305912	322235	4.23%	0.436%
85	14.477	1082	1084	1086	rVB3	191996	211171	2.77%	0.285%
86	14.534	1086	1089	1090	rBV2	163010	259667	3.41%	0.351%
87	14.568	1090	1092	1095	rVV3	220060	455523	5.98%	0.616%
88	14.637	1095	1098	1101	rVB3	118641	217651	2.86%	0.294%
89	14.751	1105	1108	1109	rBV	119890	169052	2.22%	0.228%
90	14.922	1121	1123	1127	rVB3	73321	149006	1.96%	0.201%
91	15.094	1134	1138	1142	rBV	1008574	2306597	30.28%	3.118%
92	15.185	1145	1146	1148	rVB	119635	151689	1.99%	0.205%
93	15.277	1152	1154	1157	rBV2	58313	130209	1.71%	0.176%
94	15.380	1161	1163	1166	rVB	542151	742045	9.74%	1.003%
95	15.448	1166	1169	1171	rBV2	536988	867763	11.39%	1.173%
96	15.505	1171	1174	1181	rVB3	764951	1324005	17.38%	1.790%
97	15.654	1184	1187	1190	rBV2	87852	159345	2.09%	0.215%
98	16.923	1295	1298	1302	rBV2	140389	284115	3.73%	0.384%
99	17.357	1332	1336	1342	rVB	97760	216748	2.85%	0.293%
100	17.517	1345	1350	1354	rBV6	33115	104139	1.37%	0.141%

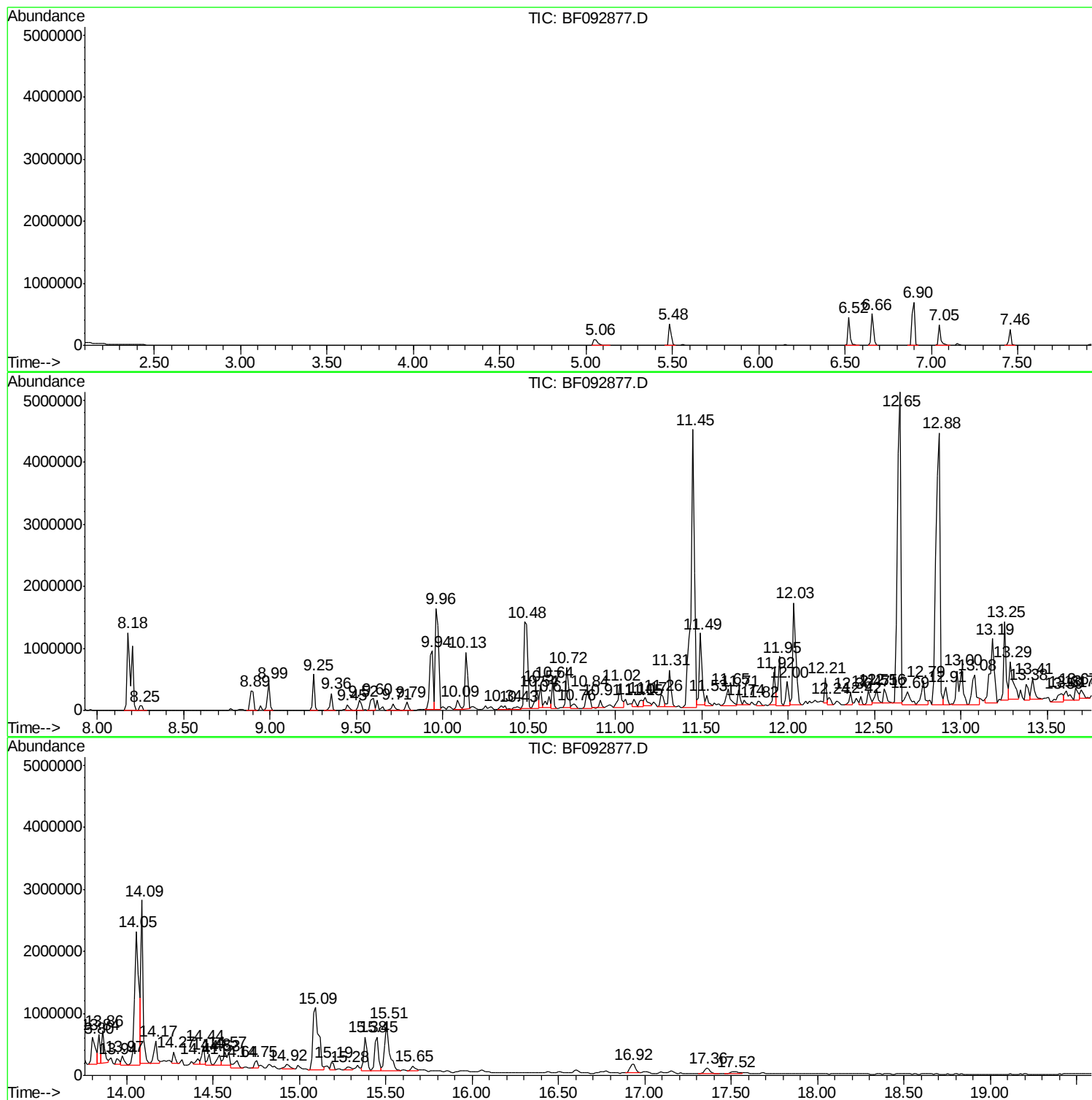
Sum of corrected areas: 73986033

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.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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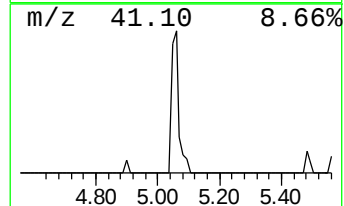
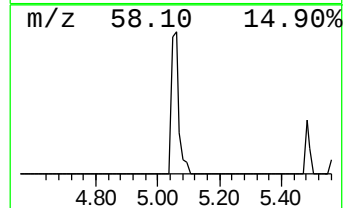
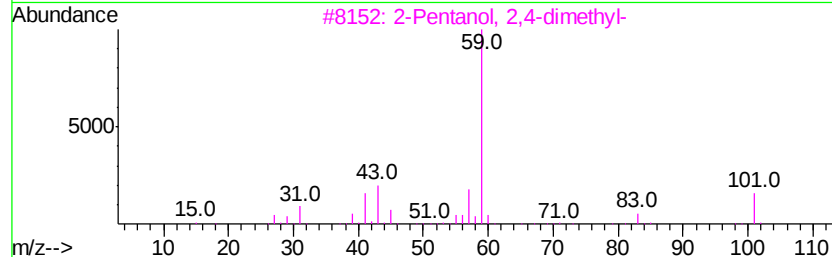
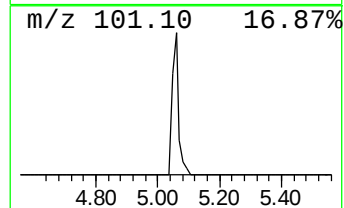
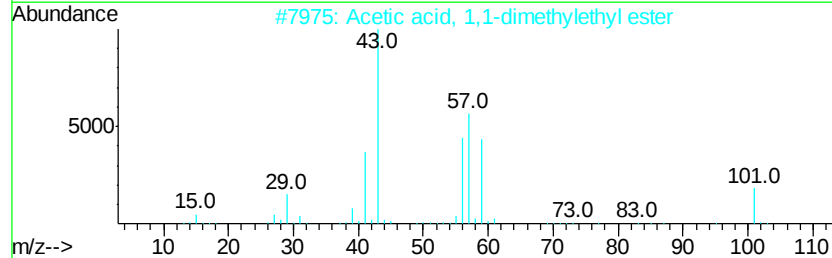
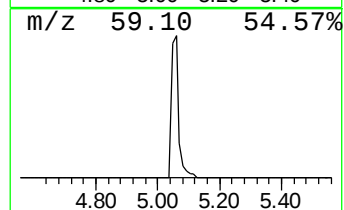
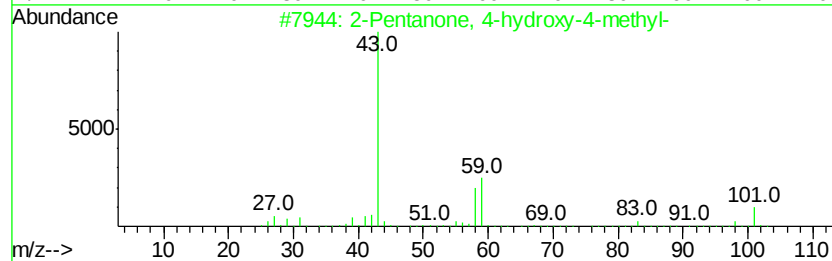
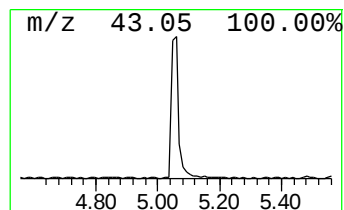
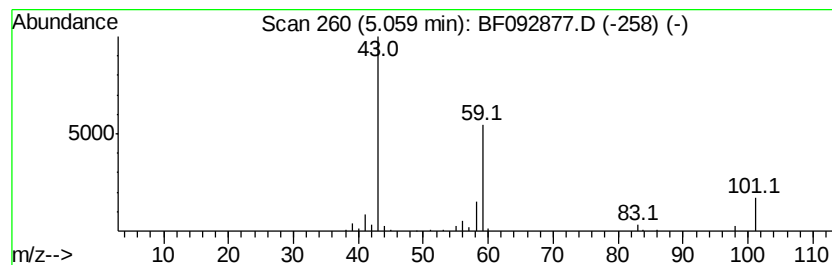
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	3.67 ng	153470	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
4			Diacetamide	101	C4H7NO2	000625-77-4	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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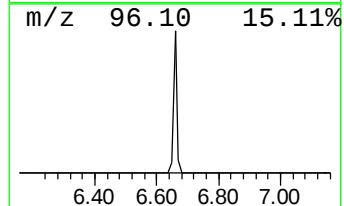
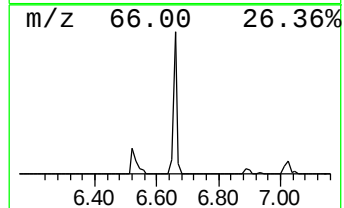
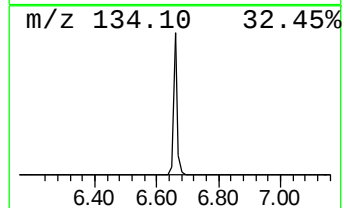
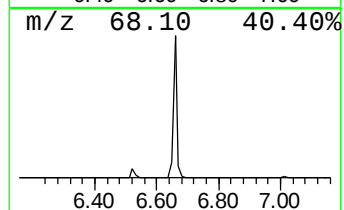
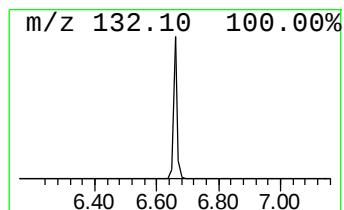
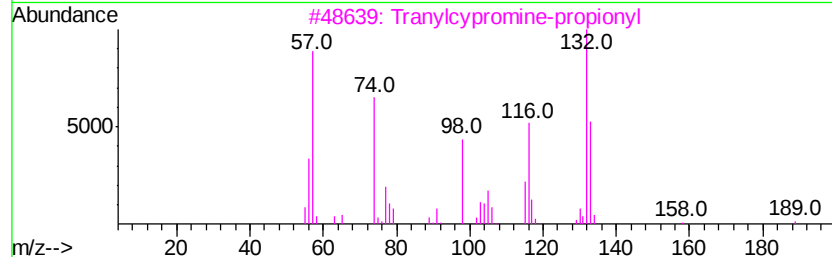
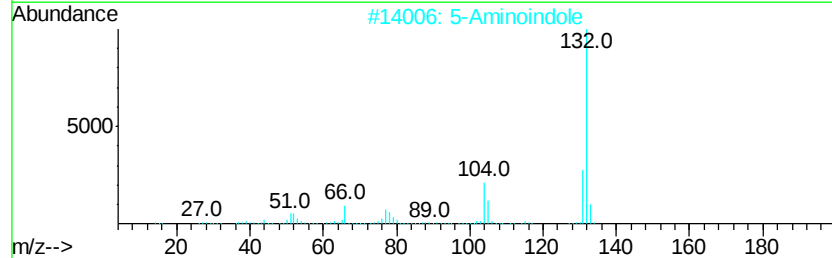
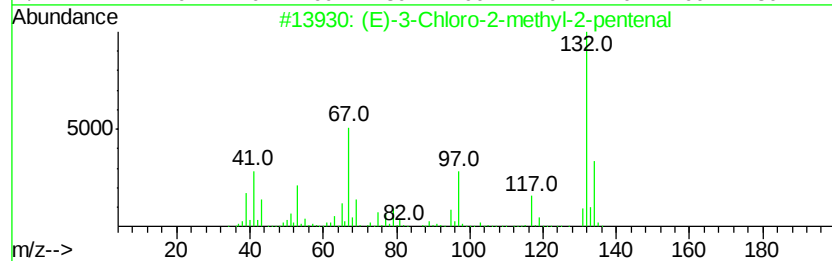
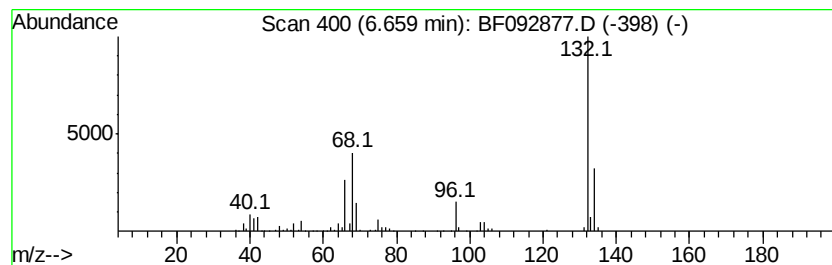
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	9.90 ng	413395	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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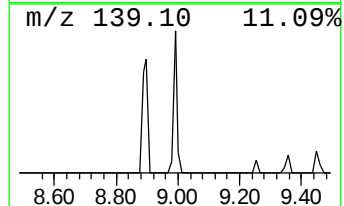
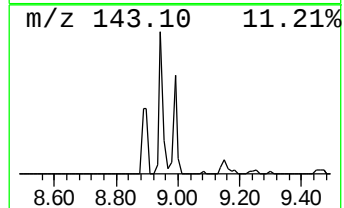
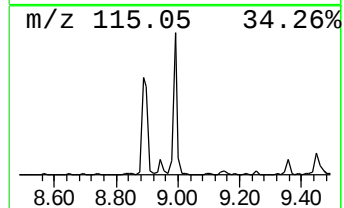
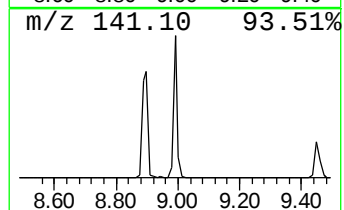
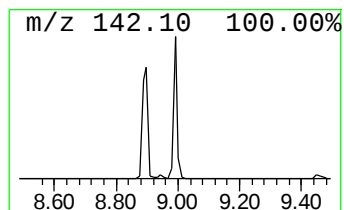
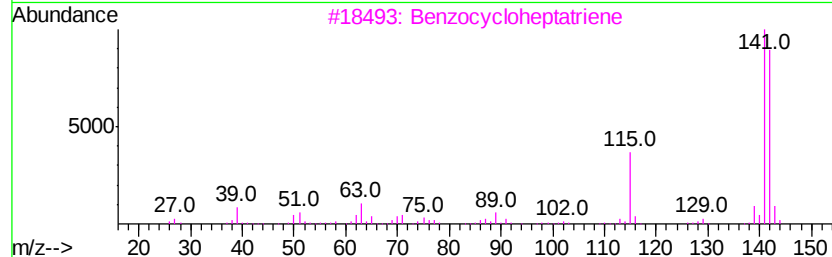
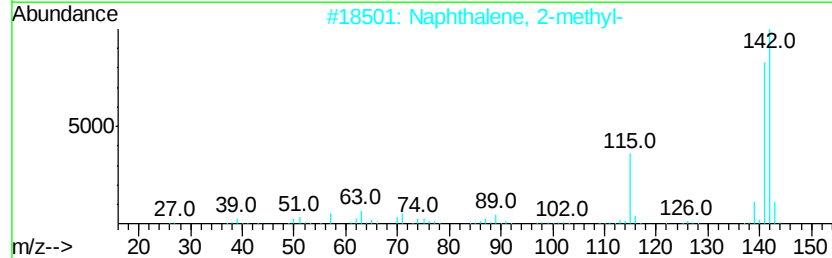
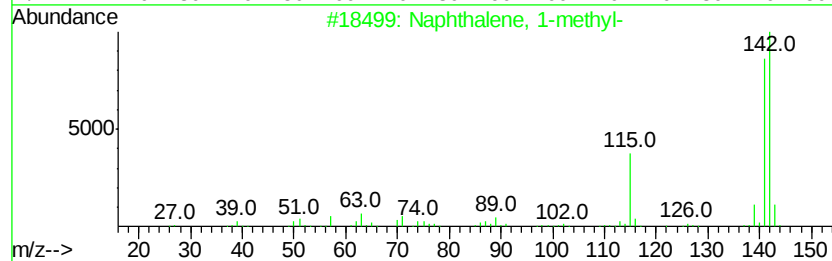
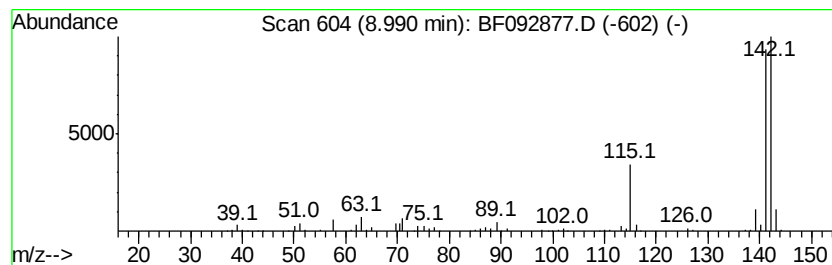
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	3.73 ng	367310	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092877.D
Acq On : 9 Feb 2017 2:14
Operator : SJ/MA
Sample : I1728-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROLL-OFF-R2-COMP

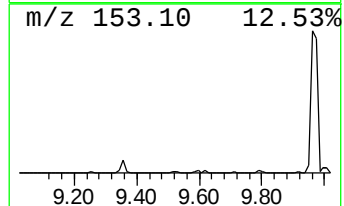
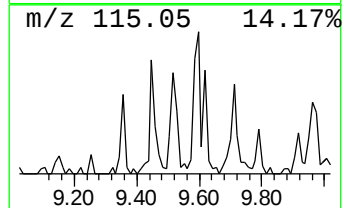
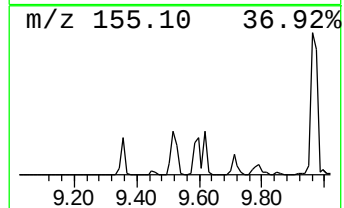
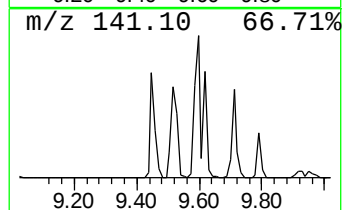
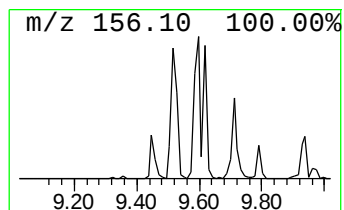
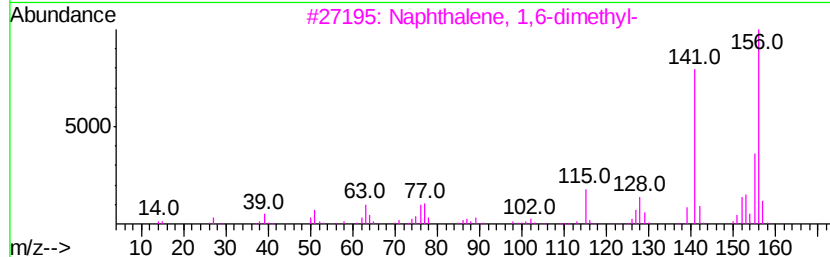
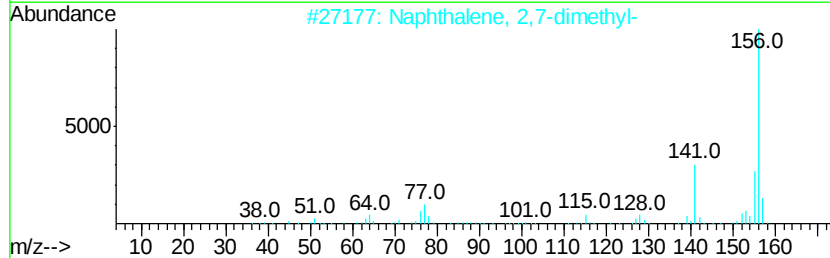
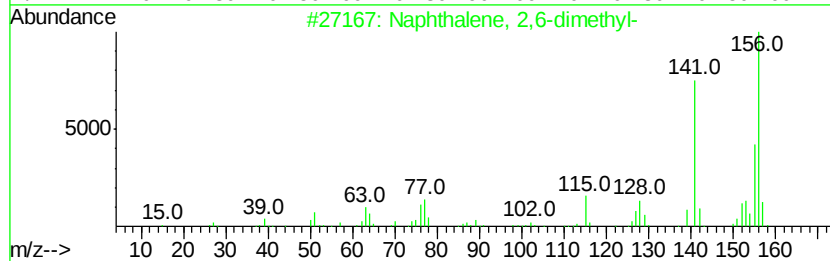
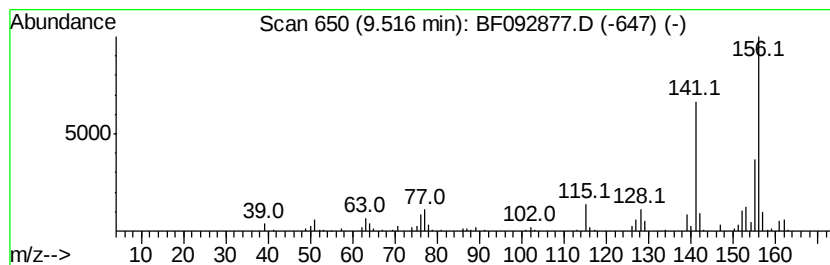
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	2.95 ng	215669	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092877.D
Acq On : 9 Feb 2017 2:14
Operator : SJ/MA
Sample : I1728-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

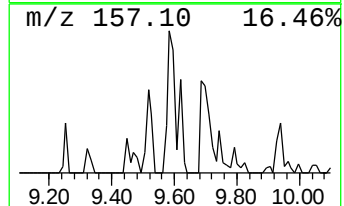
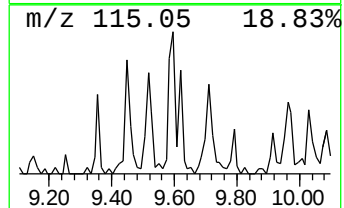
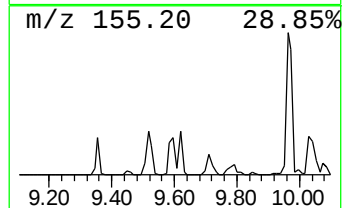
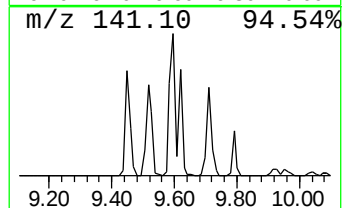
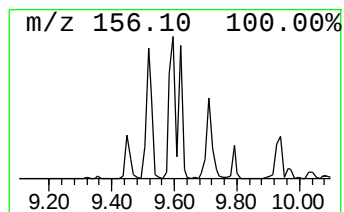
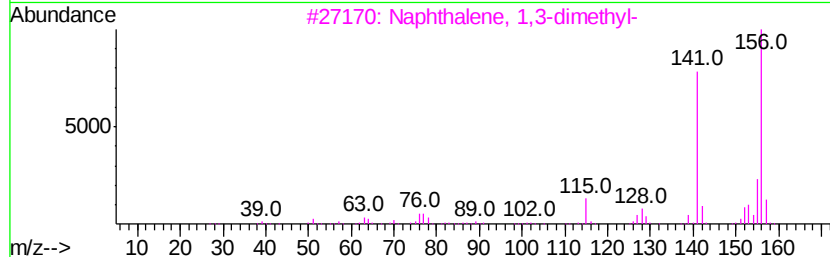
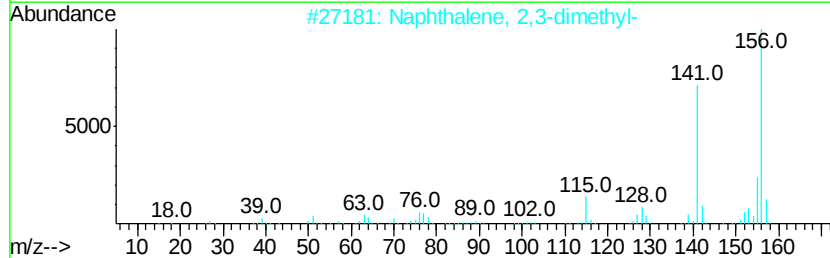
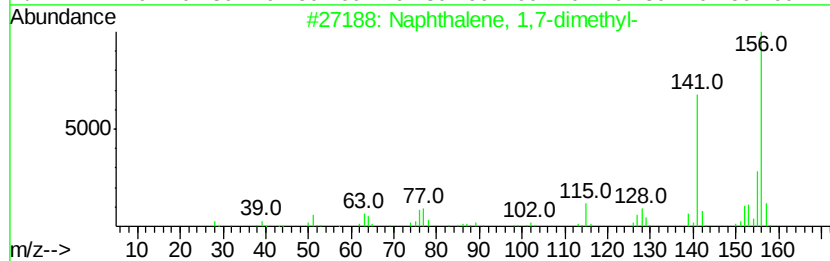
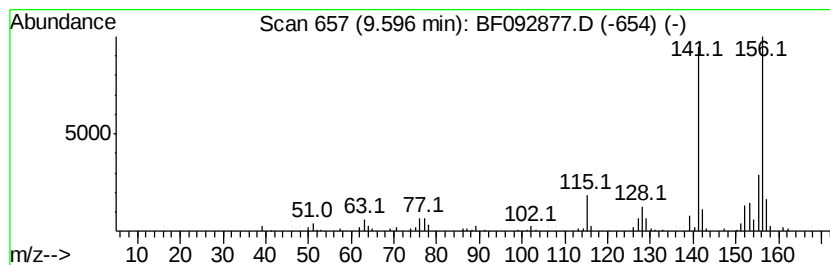
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	3.64 ng	266262	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092877.D
Acq On : 9 Feb 2017 2:14
Operator : SJ/MA
Sample : I1728-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

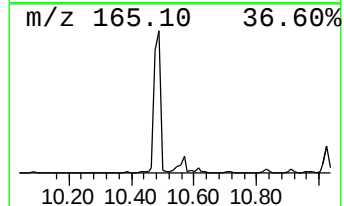
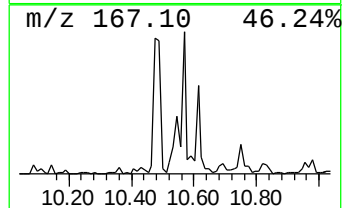
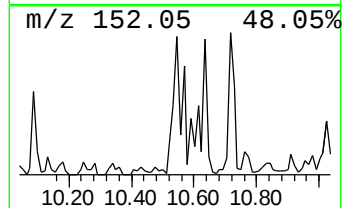
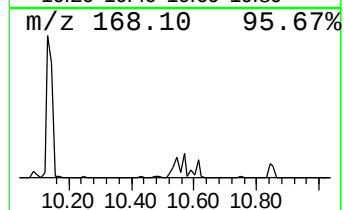
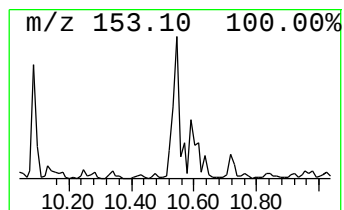
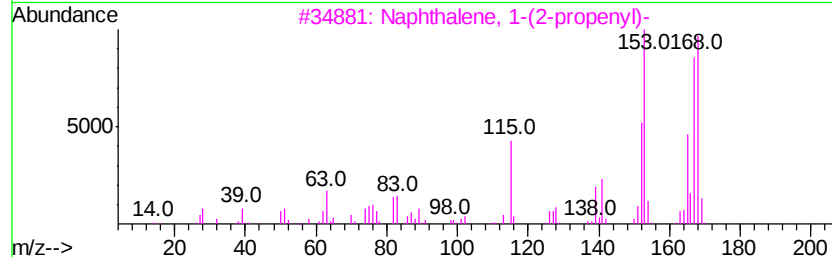
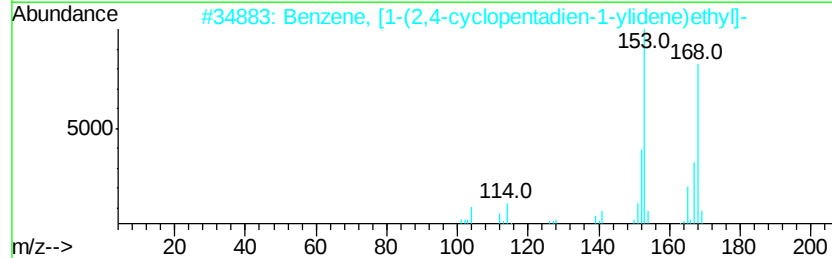
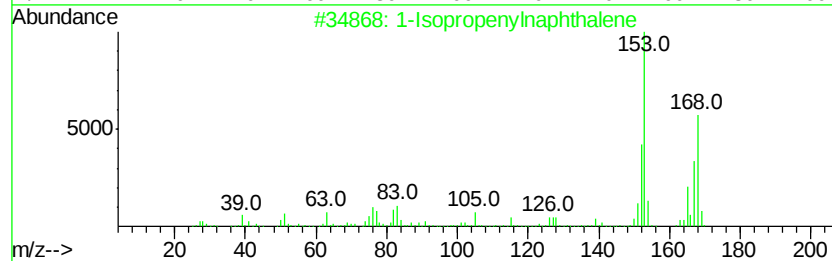
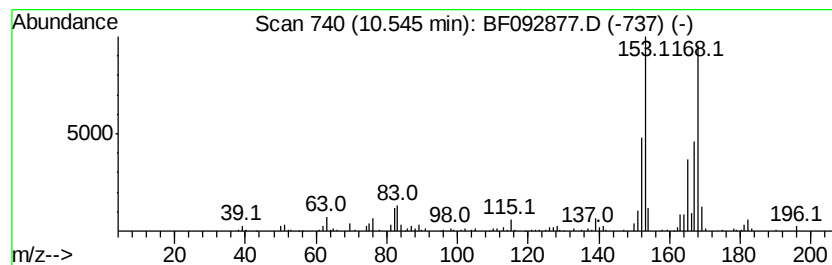
Instrument :
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ClientSampleId :
ROLL-OFF-R2-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Isopropenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.54	5.78 ng	421913	Acenaphthene-d10	9.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	95
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
4	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	49
5	1-Methoxy-2-methyl-4-(methylthio...	168	C9H12OS	050390-78-8	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092877.D
Acq On : 9 Feb 2017 2:14
Operator : SJ/MA
Sample : I1728-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

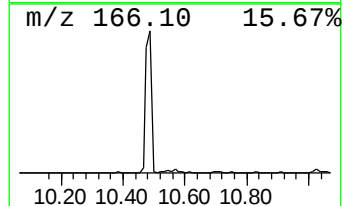
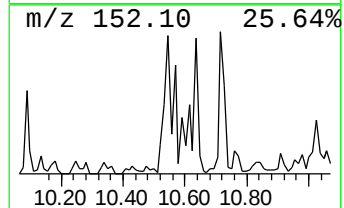
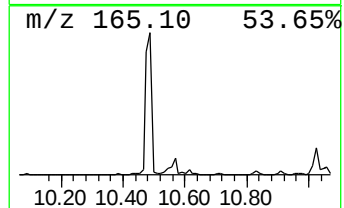
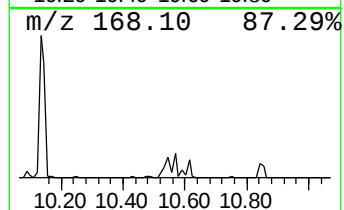
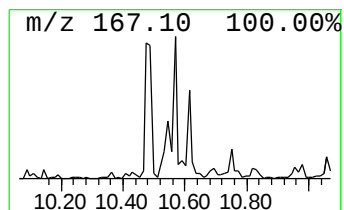
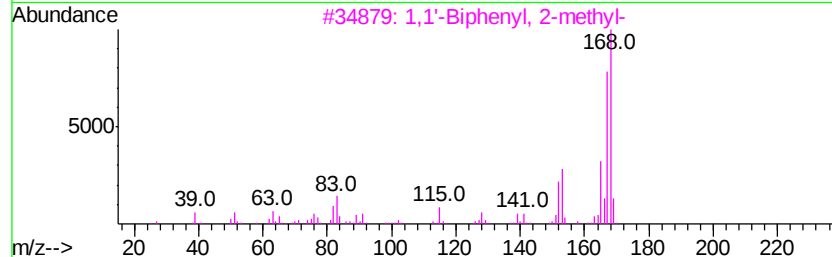
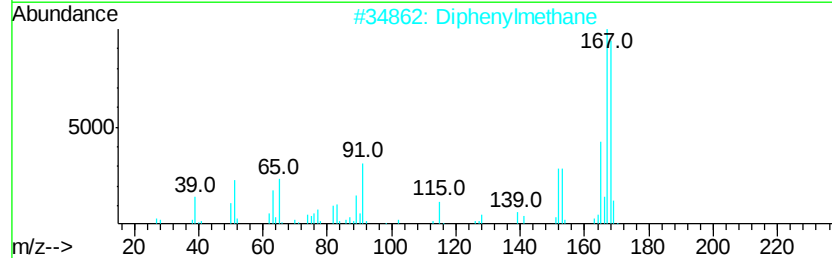
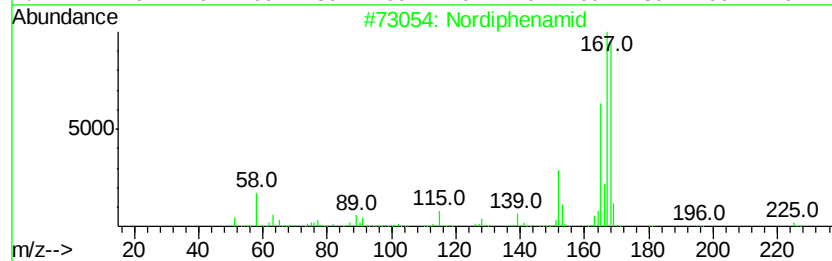
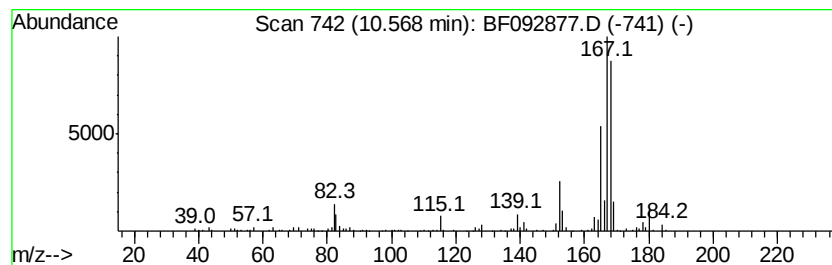
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nordiphenamid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	3.77 ng	275299	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nordiphenamid	225 C15H15NO	000954-21-2 87
2		Diphenylmethane	168 C13H12	000101-81-5 76
3		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 70
4		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 64
5		Fluorene, 2,4a-dihydro-	168 C13H12	059247-36-8 62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092877.D
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Sample : I1728-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

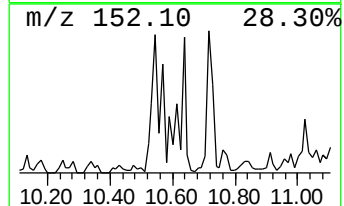
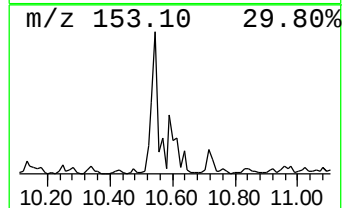
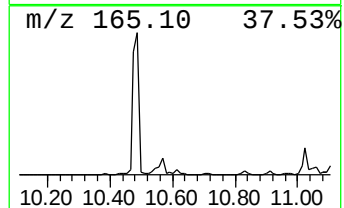
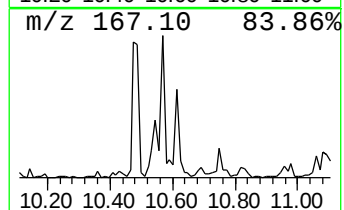
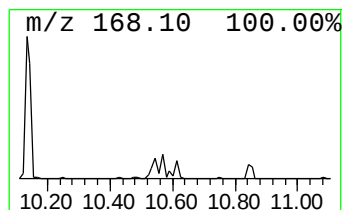
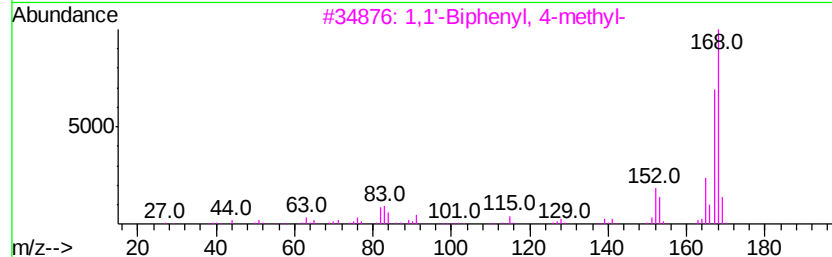
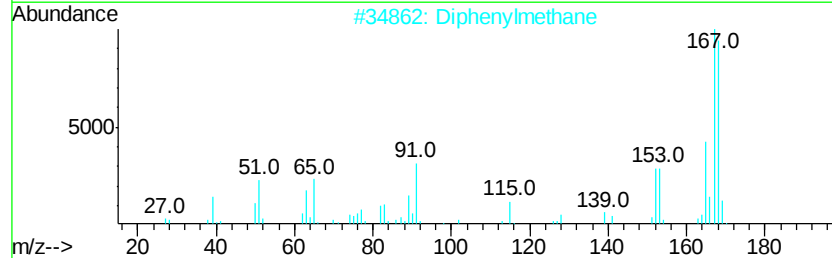
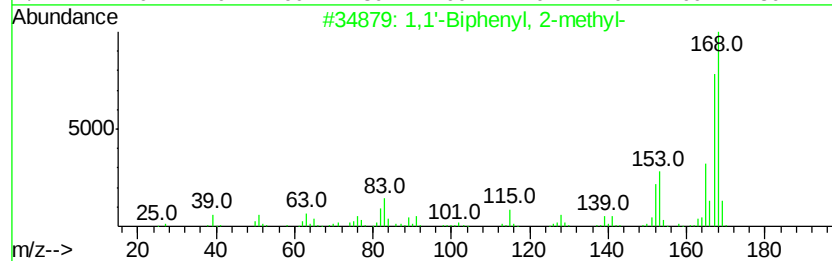
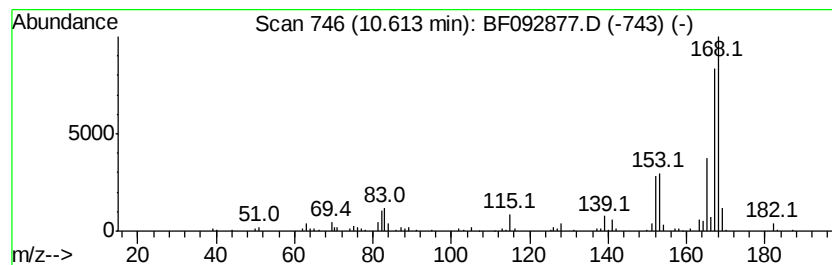
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.61	3.77 ng	275105	Acenaphthene-d10		9.94	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
2		Diphenylmethane	168	C13H12	000101-81-5	87
3		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	74
4		Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	72
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
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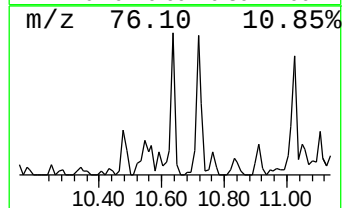
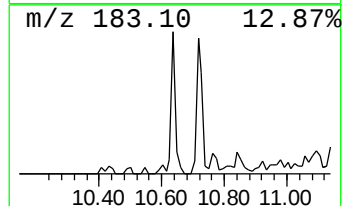
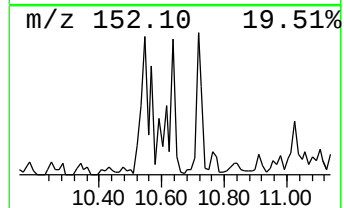
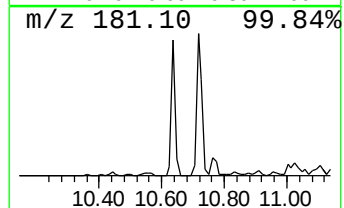
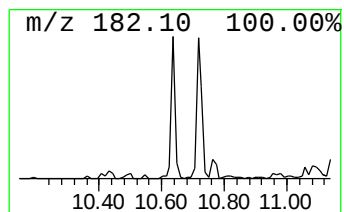
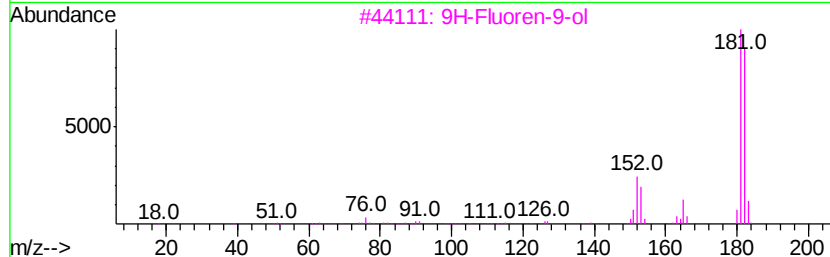
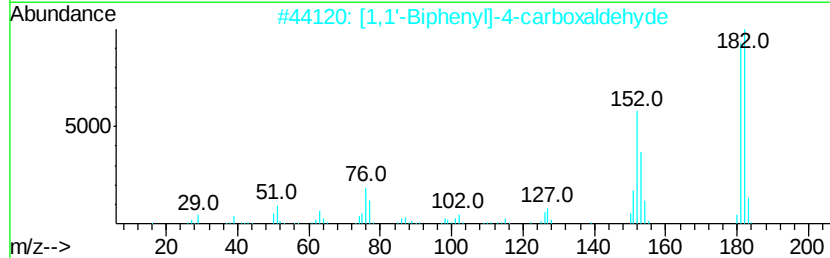
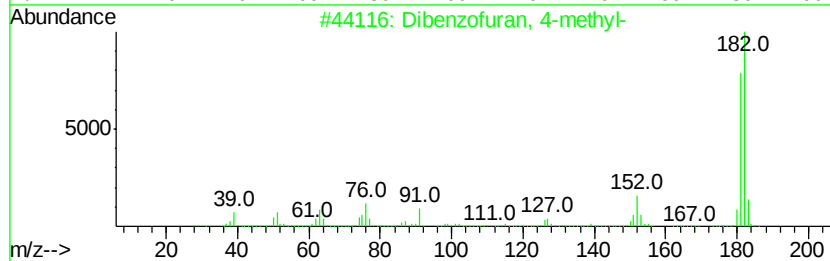
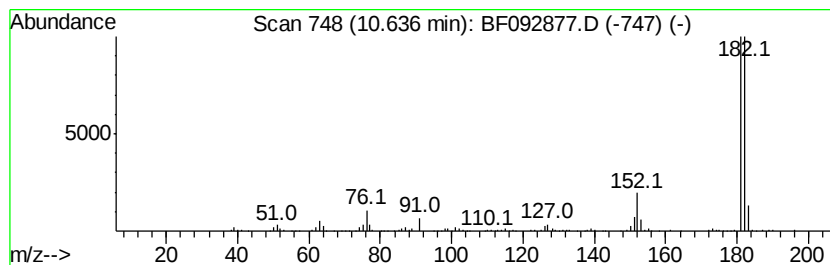
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	4.46 ng	325973	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8 76
2		[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8 64
3		9H-Fluoren-9-ol	182 C13H10O	001689-64-1 64
4		9H-Xanthene	182 C13H10O	000092-83-1 60
5		2,4,6-Cycloheptatrien-1-one, 2-p...	182 C13H10O	014562-09-5 59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092877.D
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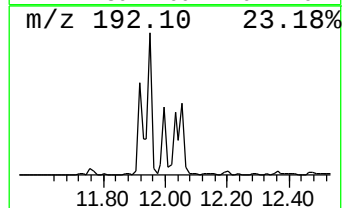
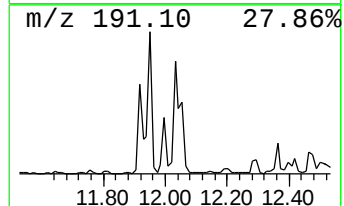
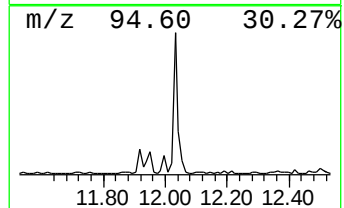
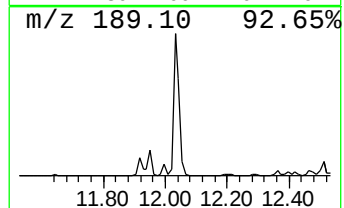
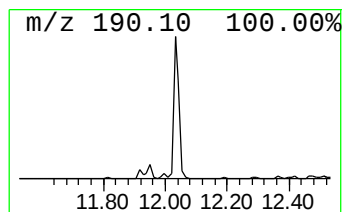
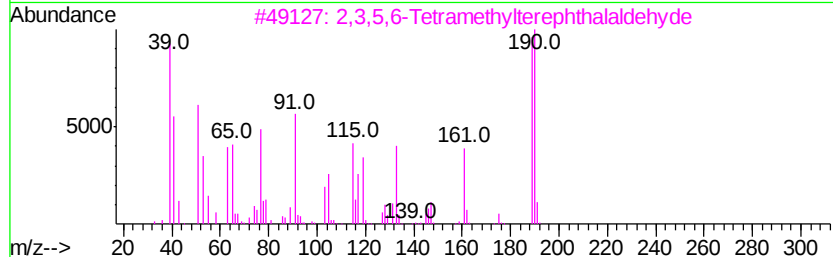
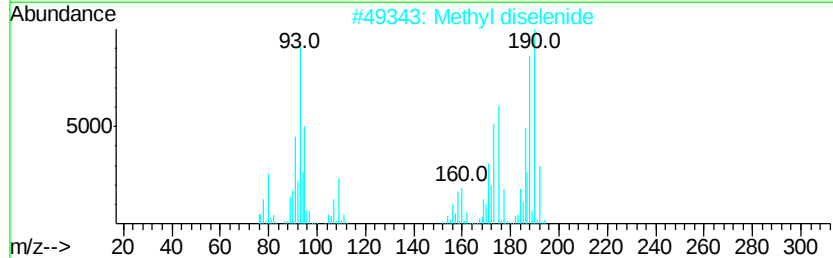
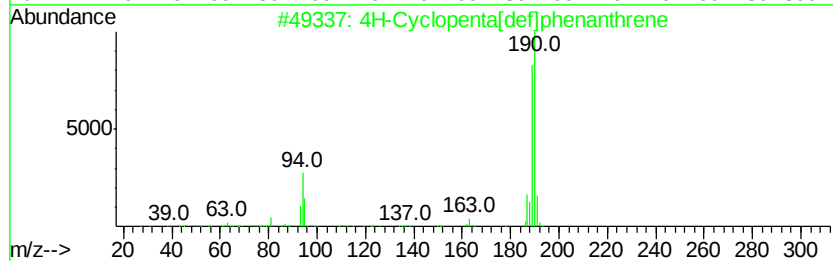
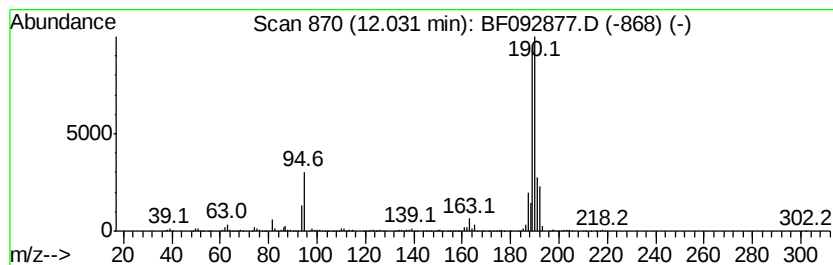
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.03	6.28 ng	2160910	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Methyl diselenide	190	C2H6Se2	007101-31-7	49
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	38
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092877.D
Acq On : 9 Feb 2017 2:14
Operator : SJ/MA
Sample : I1728-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

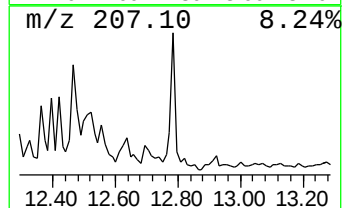
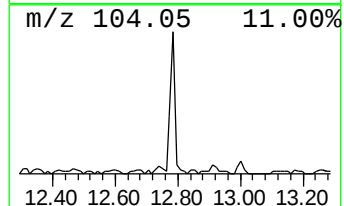
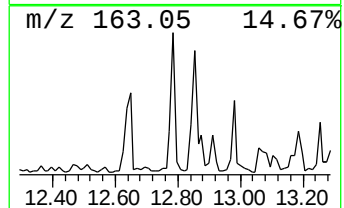
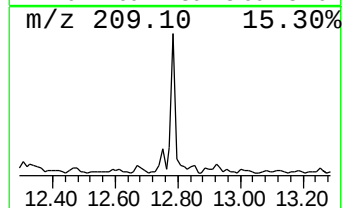
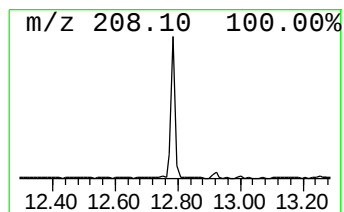
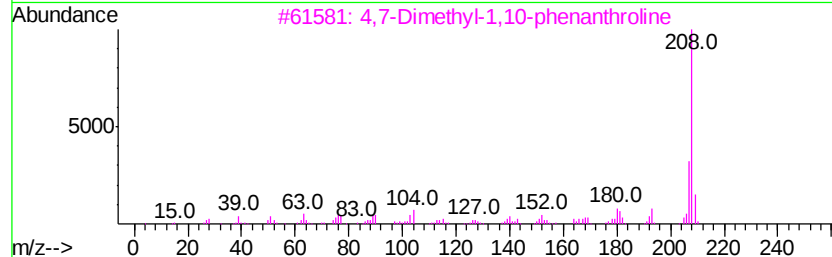
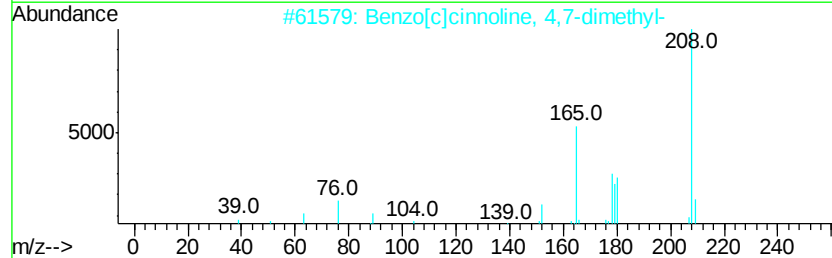
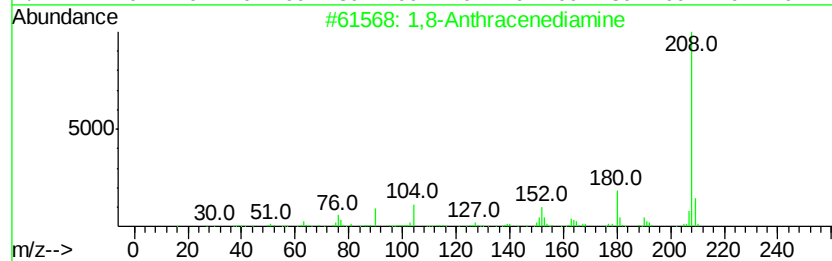
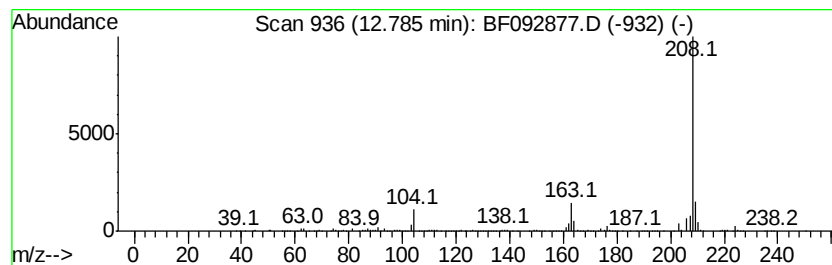
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,8-Anthracenediamine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	2.72 ng	557532	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	72
2		Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	64
3		4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3	59
4		Benzene, 1,1'-(1-butenylidene)bis-	208	C16H16	001726-14-3	58
5		Indole, 5-methyl-2-(4-pyridyl)-	208	C14H12N2	107919-92-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092877.D
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Sample : I1728-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

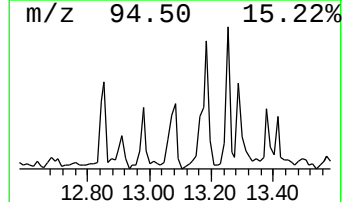
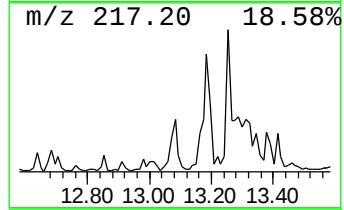
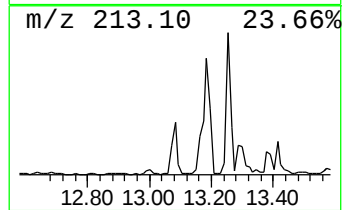
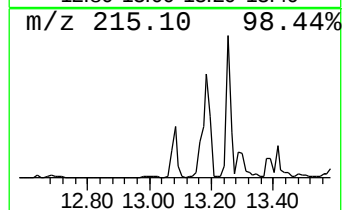
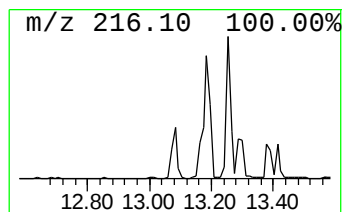
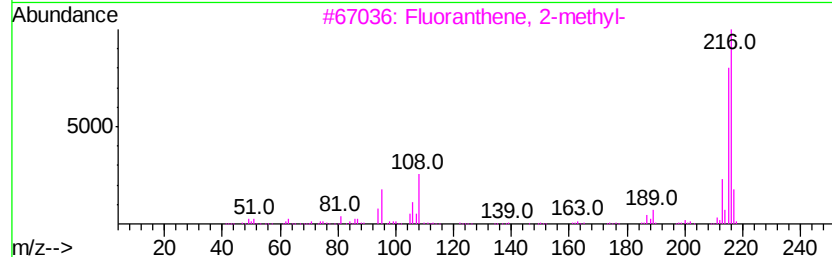
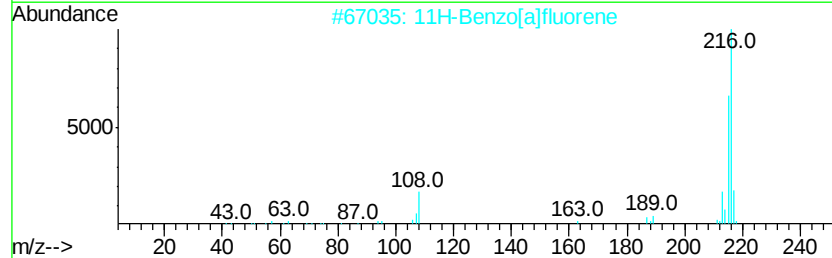
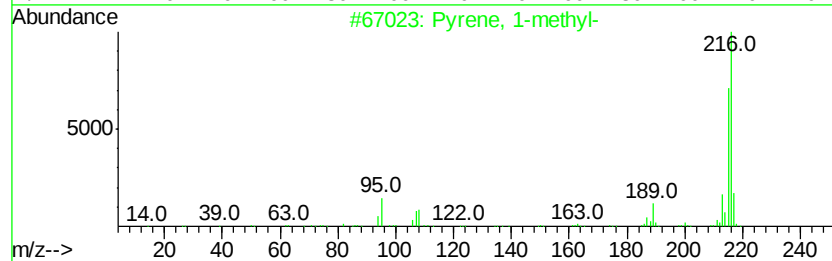
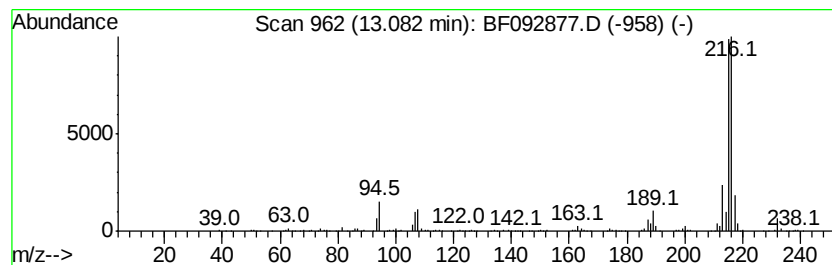
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.08	4.22 ng	866123	Chrysene-d12	14.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092877.D
Acq On : 9 Feb 2017 2:14
Operator : SJ/MA
Sample : I1728-01 10X
Misc :
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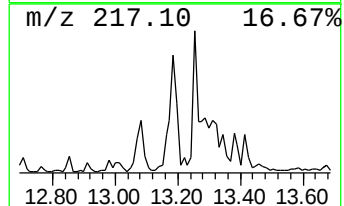
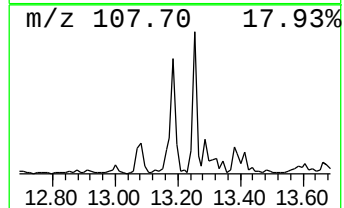
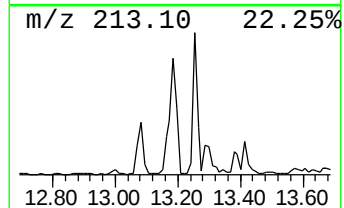
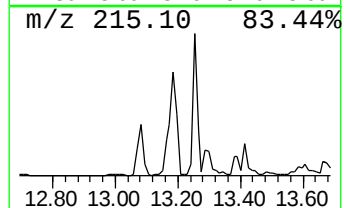
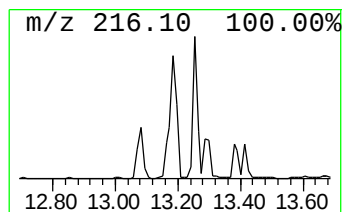
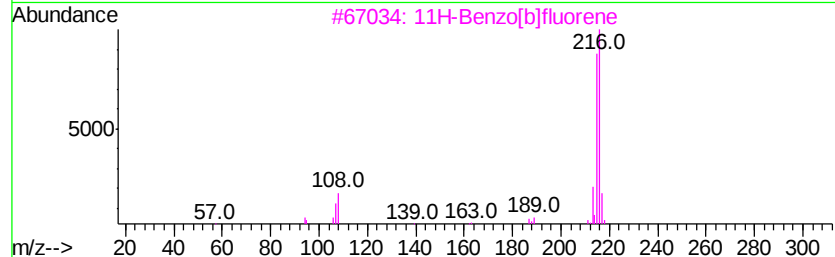
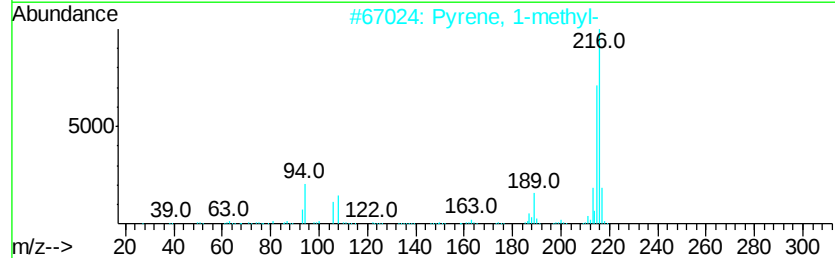
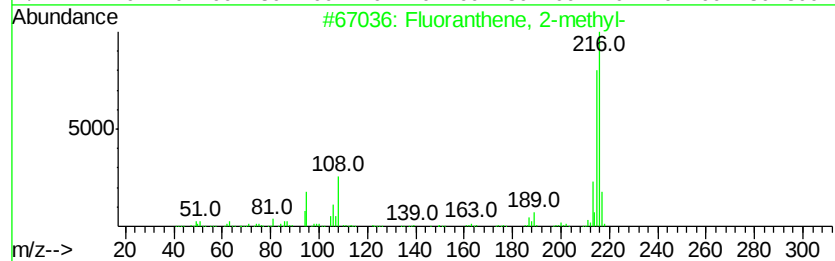
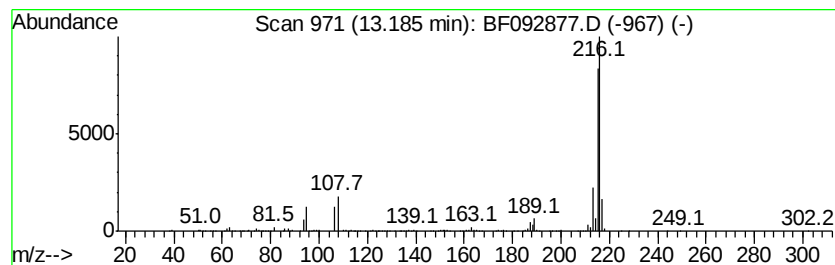
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.19	8.67 ng	1777940	Chrysene-d12	14.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092877.D
Acq On : 9 Feb 2017 2:14
Operator : SJ/MA
Sample : I1728-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROLL-OFF-R2-COMP

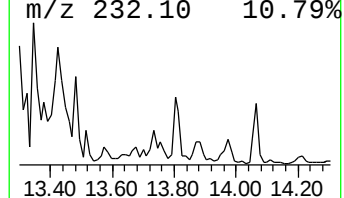
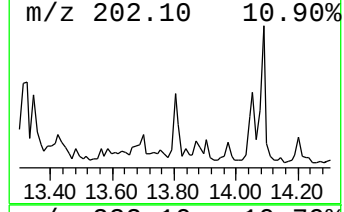
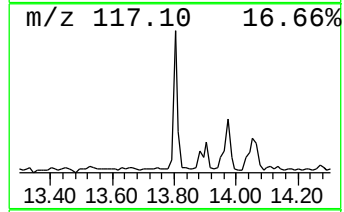
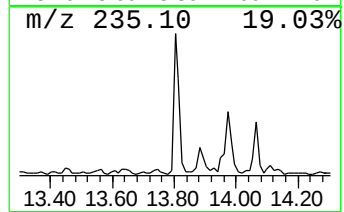
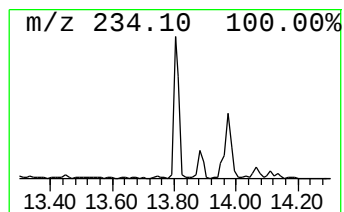
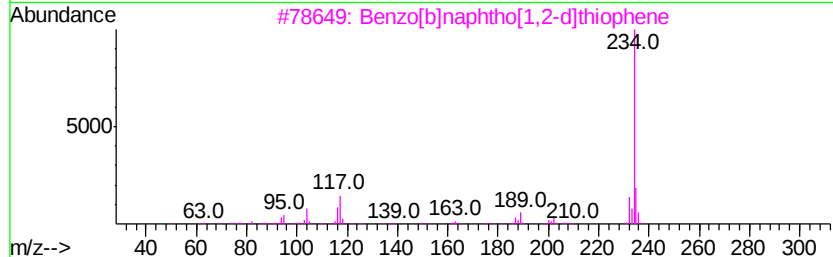
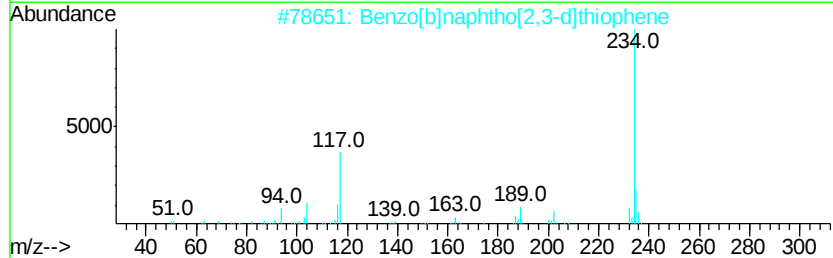
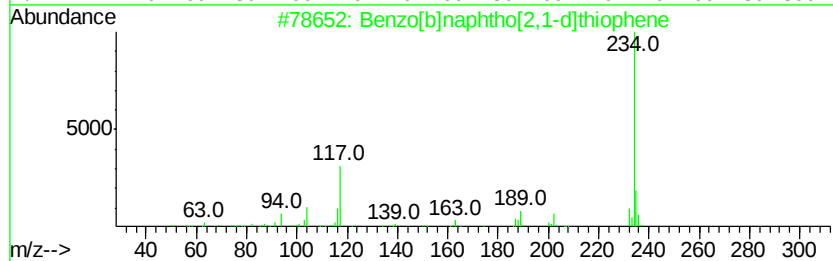
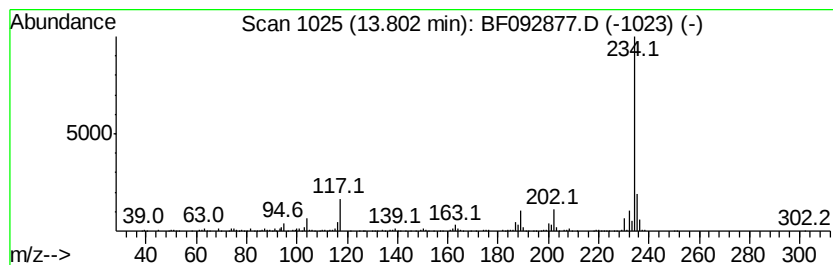
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.08 ng	631057	Chrysene-d12	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	96
3			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	87
4			Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	59
5			Anthra[1,9a,9-cd;5,10a,10-c'd']d...	234	C14H6N2O2	000201-91-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092877.D
Acq On : 9 Feb 2017 2:14
Operator : SJ/MA
Sample : I1728-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROLL-OFF-R2-COMP

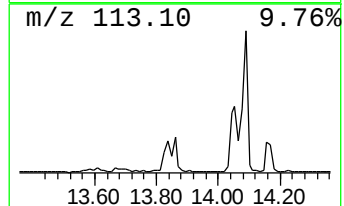
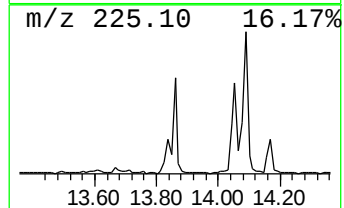
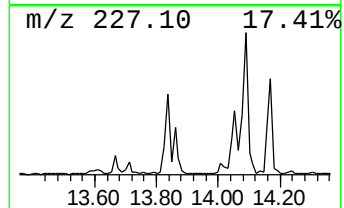
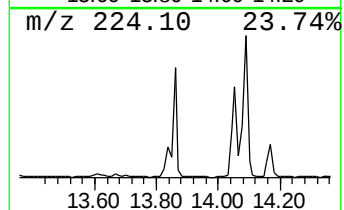
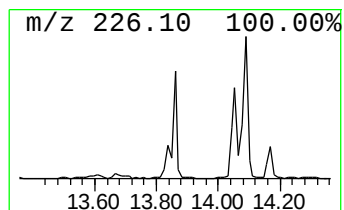
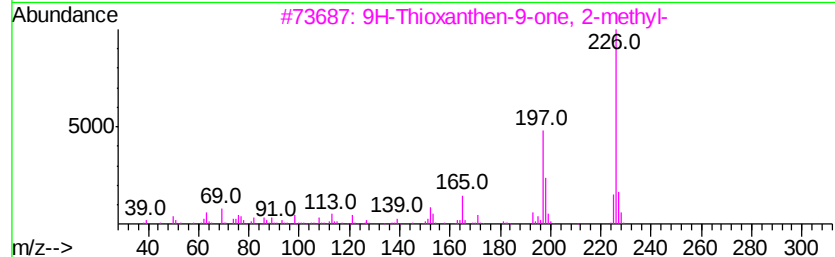
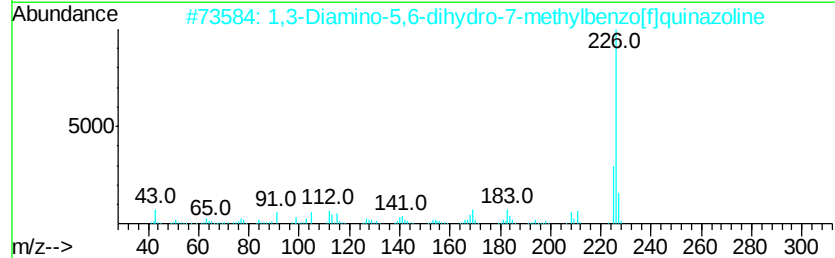
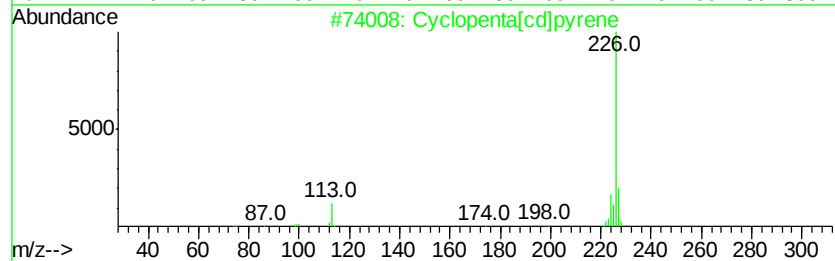
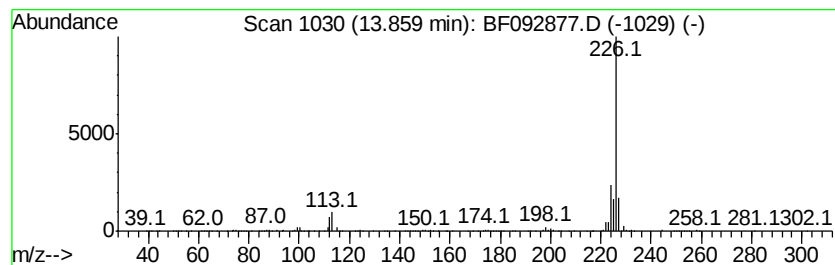
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta[cd]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.89 ng	593407	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
3		9H-Thioxanthen-9-one, 2-methyl-	226	C14H10O	015774-82-0	53
4		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	45
5		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092877.D
Acq On : 9 Feb 2017 2:14
Operator : SJ/MA
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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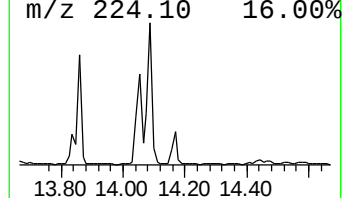
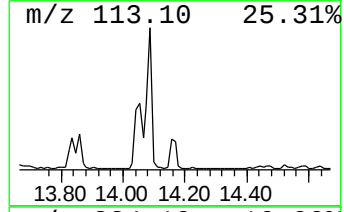
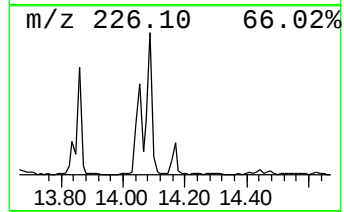
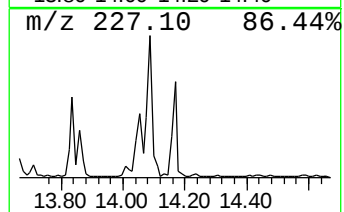
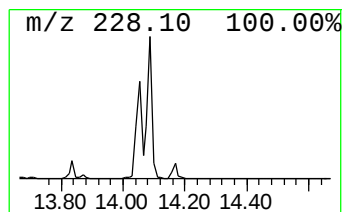
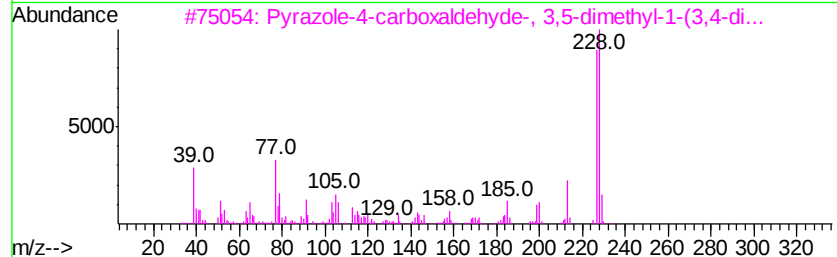
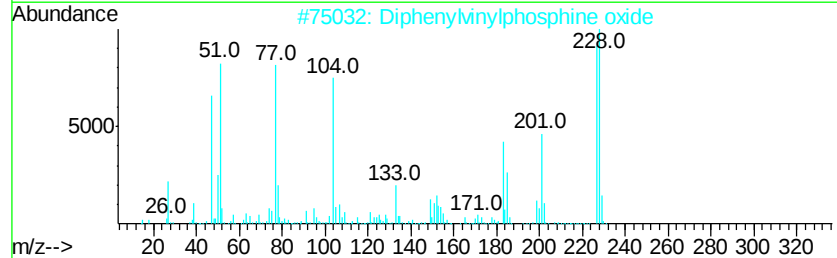
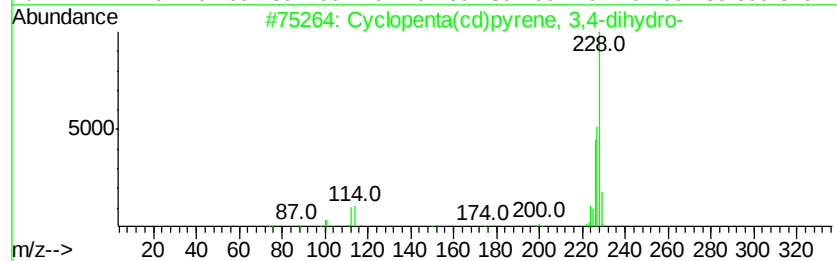
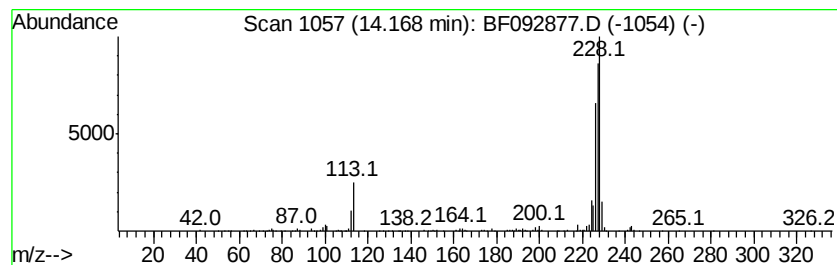
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.43 ng	497584	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	89
2		Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
3		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4		Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
5		Benz[a]anthracene	228	C18H12	000056-55-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092877.D
Acq On : 9 Feb 2017 2:14
Operator : SJ/MA
Sample : I1728-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROLL-OFF-R2-COMP

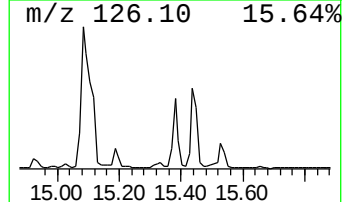
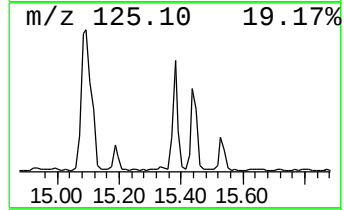
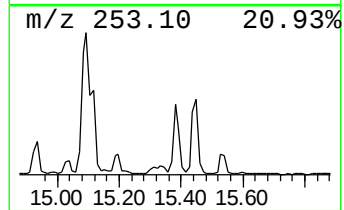
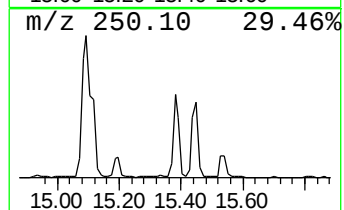
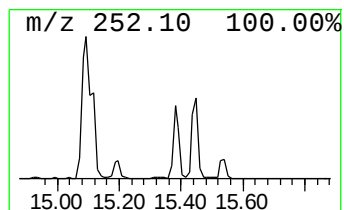
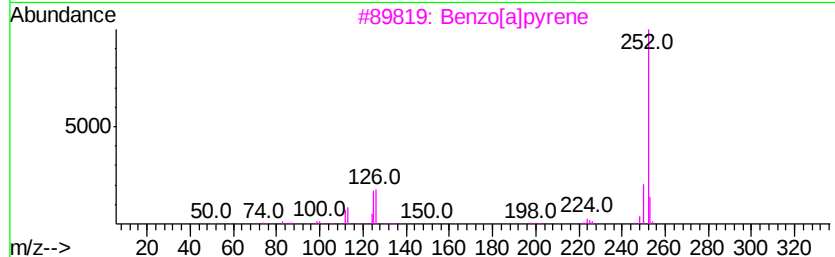
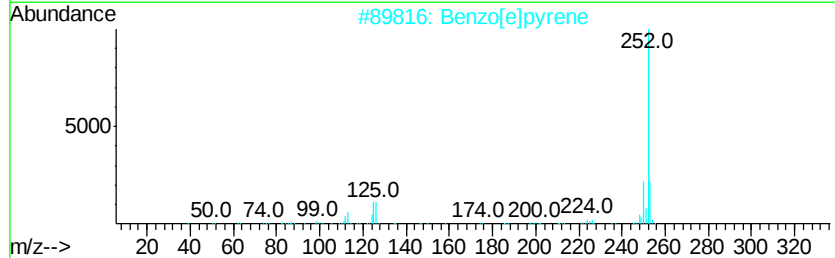
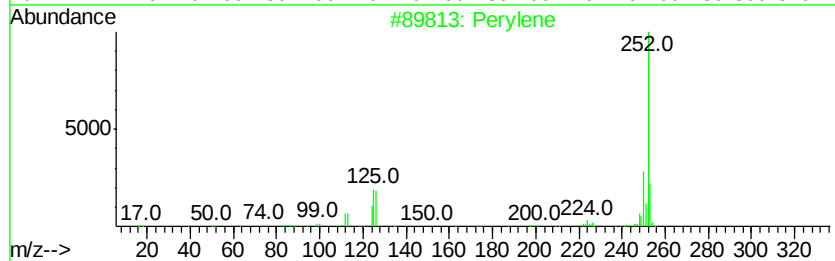
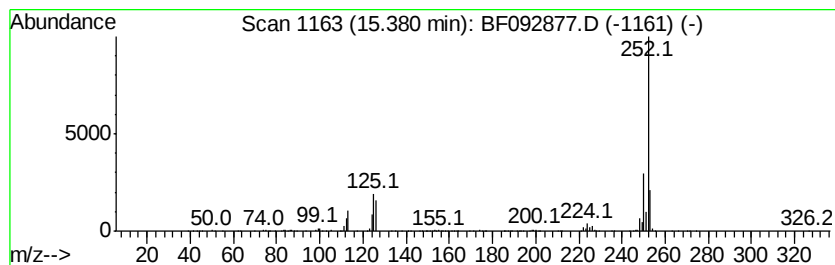
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	11.21 ng	742045	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	89
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092877.D
 Acq On : 9 Feb 2017 2:14
 Operator : SJ/MA
 Sample : I1728-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-R2-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	5.06	3.7	ng	153470	1	6.90	835347	20.0
unknown6.66	6.66	9.9	ng	413395	1	6.90	835347	20.0
Naphthalene, 1-me...	8.99	3.7	ng	367310	2	8.18	1968310	20.0
Naphthalene, 2,6-...	9.52	3.0	ng	215669	3	9.94	1460990	20.0
Naphthalene, 1,7-...	9.60	3.6	ng	266262	3	9.94	1460990	20.0
1-Isopropenyl naph...	10.54	5.8	ng	421913	3	9.94	1460990	20.0
Nordiphenamid	10.57	3.8	ng	275299	3	9.94	1460990	20.0
1,1'-Biphenyl, 2-...	10.61	3.8	ng	275105	3	9.94	1460990	20.0
Dibenzofuran, 4-m...	10.64	4.5	ng	325973	3	9.94	1460990	20.0
4H-Cyclopenta[def...	12.03	6.3	ng	2160910	4	11.43	6884290	20.0
1,8-Anthracenedia...	12.79	2.7	ng	557532	5	14.07	4103740	20.0
Pyrene, 1-methyl-	13.08	4.2	ng	866123	5	14.07	4103740	20.0
Fluoranthene, 2-m...	13.19	8.7	ng	1777940	5	14.07	4103740	20.0
Benzo[b]naphtho[2...	13.80	3.1	ng	631057	5	14.07	4103740	20.0
Cyclopenta[cd]pyrene	13.86	2.9	ng	593407	5	14.07	4103740	20.0
Cyclopenta(cd)pyr...	14.17	2.4	ng	497584	5	14.07	4103740	20.0
Perylene	15.38	11.2	ng	742045	6	15.51	1324010	20.0