

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093204.D
 Acq On : 27 Feb 2017 13:04
 Operator : SJ/MA
 Sample : I1973-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-GG9-BASE

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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	4.990	251	254	261	rBV	1096400	1593663	16.72%	1.011%
2	5.424	290	292	295	rBV	3240487	3187894	33.45%	2.022%
3	6.476	381	384	387	rBV	3210004	3473533	36.44%	2.203%
4	6.602	392	395	397	rBV	3295673	3586761	37.63%	2.275%
5	6.830	412	415	417	rBV	868682	935167	9.81%	0.593%
6	6.979	426	428	431	rBV	1979176	2635243	27.65%	1.672%
7	7.402	462	465	467	rBV	2457892	2376772	24.94%	1.508%
8	8.122	525	528	532	rBV2	1430252	1610137	16.89%	1.021%
9	8.842	588	591	593	rBV	248144	266252	2.79%	0.169%
10	8.933	597	599	601	rVB	362522	351373	3.69%	0.223%
11	9.208	620	623	625	rBV	3492463	3412038	35.80%	2.164%
12	9.299	628	631	635	rBV3	96946	298584	3.13%	0.189%
13	9.539	650	652	654	rBV	448042	545592	5.72%	0.346%
14	9.608	656	658	659	rBV	433925	451955	4.74%	0.287%
15	9.653	659	662	667	rVB2	178563	345986	3.63%	0.219%
16	9.745	667	670	672	rVB	586990	508662	5.34%	0.323%
17	9.882	678	682	684	rBV	1307941	1485411	15.58%	0.942%
18	9.916	684	685	687	rVB	1632694	1231757	12.92%	0.781%
19	10.088	698	700	702	rBV	672473	610059	6.40%	0.387%
20	10.293	716	718	719	rBV	217898	324673	3.41%	0.206%
21	10.431	728	730	733	rVB	1081903	1013185	10.63%	0.643%
22	10.499	733	736	739	rBV3	280417	724723	7.60%	0.460%
23	10.591	742	744	746	rVB	391055	374754	3.93%	0.238%
24	10.682	749	752	753	rVB2	1335784	1840249	19.31%	1.167%
25	10.796	759	762	765	rVB4	325797	579227	6.08%	0.367%
26	10.876	765	769	772	rBV4	85158	254996	2.68%	0.162%
27	10.979	775	778	779	rBV2	364533	536544	5.63%	0.340%
28	11.059	782	785	787	rVB4	152645	272254	2.86%	0.173%
29	11.128	787	791	794	rBV2	321414	743984	7.81%	0.472%
30	11.185	794	796	797	rVB	409424	470365	4.93%	0.298%
31	11.231	797	800	802	rBV2	366026	623853	6.55%	0.396%
32	11.265	802	803	806	rVB	712675	674589	7.08%	0.428%
33	11.402	810	815	817	rBV2	5070991	9531610	100.00%	6.046%
34	11.448	817	819	821	rVB	2036804	2010842	21.10%	1.276%

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Filtering: 5
 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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35	11.608	829	833	836	rBV2	1099925	1649580	17.31%	1.046%
36	11.665	836	838	840	rVB	544487	471669	4.95%	0.299%
37	11.711	840	842	844	rVB3	207670	306077	3.21%	0.194%
38	11.871	854	856	857	rBV	1304258	1310162	13.75%	0.831%
39	11.905	857	859	861	rVB	1802135	1668672	17.51%	1.059%
40	11.951	861	863	864	rBV	834228	726733	7.62%	0.461%
41	11.985	864	866	870	rVB2	2214312	3411157	35.79%	2.164%
42	12.065	870	873	876	rBV2	299191	719798	7.55%	0.457%
43	12.168	878	882	883	rBV	1066125	1046390	10.98%	0.664%
44	12.202	883	885	887	rVB	905609	811183	8.51%	0.515%
45	12.317	892	895	896	rBV	451606	543091	5.70%	0.345%
46	12.351	896	898	902	rVB	352608	586348	6.15%	0.372%
47	12.419	902	904	906	rBV	1564081	1959324	20.56%	1.243%
48	12.465	906	908	911	rVB3	637450	966846	10.14%	0.613%
49	12.522	911	913	916	rVB2	688290	888725	9.32%	0.564%
50	12.602	916	920	922	rBV	5630044	8526971	89.46%	5.409%
51	12.648	922	924	926	rVB2	278171	385789	4.05%	0.245%
52	12.739	929	932	933	rBV	633701	802700	8.42%	0.509%
53	12.831	936	940	942	rBV2	5493082	9319635	97.78%	5.912%
54	12.865	942	943	945	rVB2	631821	605622	6.35%	0.384%
55	12.957	947	951	955	rVB3	2073820	3340528	35.05%	2.119%
56	13.037	955	958	964	rBV3	828756	2083078	21.85%	1.321%
57	13.139	964	967	969	rVB	1136539	1980810	20.78%	1.257%
58	13.185	969	971	972	rBV	318013	526755	5.53%	0.334%
59	13.208	972	973	974	rBV	597224	415951	4.36%	0.264%
60	13.242	974	976	980	rVB2	1061624	1621012	17.01%	1.028%
61	13.334	983	984	986	rBV	595911	738311	7.75%	0.468%
62	13.368	986	987	989	rBV	774937	636664	6.68%	0.404%
63	13.528	999	1001	1003	rBV2	262443	542891	5.70%	0.344%
64	13.562	1003	1004	1008	rVB3	305445	406219	4.26%	0.258%
65	13.654	1008	1012	1016	rBV	972361	1329289	13.95%	0.843%
66	13.757	1019	1021	1022	rBV	828073	1056605	11.09%	0.670%
67	13.791	1022	1024	1025	rVV	737692	1160908	12.18%	0.736%
68	13.814	1025	1026	1028	rVV2	959215	1288180	13.51%	0.817%
69	13.860	1028	1030	1033	rVB2	735955	1366055	14.33%	0.867%
70	13.928	1034	1036	1039	rVB	200318	269797	2.83%	0.171%
71	14.008	1039	1043	1045	rBV2	3481850	7214227	75.69%	4.576%

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72	14.054	1045	1047	1049	rVV	3401296	4493749	47.15%	2.851%
73	14.122	1051	1053	1055	rVV	1141731	998375	10.47%	0.633%
74	14.168	1055	1057	1059	rVV2	265806	536467	5.63%	0.340%
75	14.237	1061	1063	1065	rVB2	387504	695261	7.29%	0.441%
76	14.328	1070	1071	1073	rVV2	261986	343637	3.61%	0.218%
77	14.362	1073	1074	1075	rVV	496274	481982	5.06%	0.306%
78	14.397	1075	1077	1079	rVV	1090698	1500782	15.75%	0.952%
79	14.431	1079	1080	1082	rVV	669995	763434	8.01%	0.484%
80	14.477	1082	1084	1087	rVV3	567010	1250465	13.12%	0.793%
81	14.522	1087	1088	1091	rVV2	674725	1164436	12.22%	0.739%
82	14.591	1091	1094	1097	rVB3	409227	663731	6.96%	0.421%
83	14.717	1102	1105	1109	rBV4	399071	794723	8.34%	0.504%
84	14.888	1118	1120	1122	rVV	560915	646716	6.78%	0.410%
85	15.060	1131	1135	1139	rBV	3155803	8613329	90.37%	5.464%
86	15.151	1141	1143	1145	rVV	940311	1008658	10.58%	0.640%
87	15.243	1148	1151	1152	rBV2	251477	570544	5.99%	0.362%
88	15.345	1156	1160	1163	rVV	2156791	3873781	40.64%	2.457%
89	15.414	1163	1166	1168	rVV	3061990	4686234	49.17%	2.973%
90	15.460	1168	1170	1171	rVV	588043	779532	8.18%	0.494%
91	15.494	1171	1173	1176	rVB2	1210933	1713476	17.98%	1.087%
92	15.871	1203	1206	1208	rBV2	178059	352066	3.69%	0.223%
93	16.671	1274	1276	1278	rBV2	162376	323144	3.39%	0.205%
94	16.888	1290	1295	1297	rBV	1435582	3204457	33.62%	2.033%
95	16.934	1297	1299	1304	rVB	142746	306434	3.21%	0.194%
96	17.026	1304	1307	1310	rBV	325161	717123	7.52%	0.455%
97	17.083	1310	1312	1316	rVB2	238392	467530	4.91%	0.297%
98	17.311	1327	1332	1336	rBV	1158079	2970562	31.17%	1.884%
99	17.528	1347	1351	1357	rVB	431553	1069656	11.22%	0.679%
100	19.460	1515	1520	1527	rVB2	294161	1087190	11.41%	0.690%

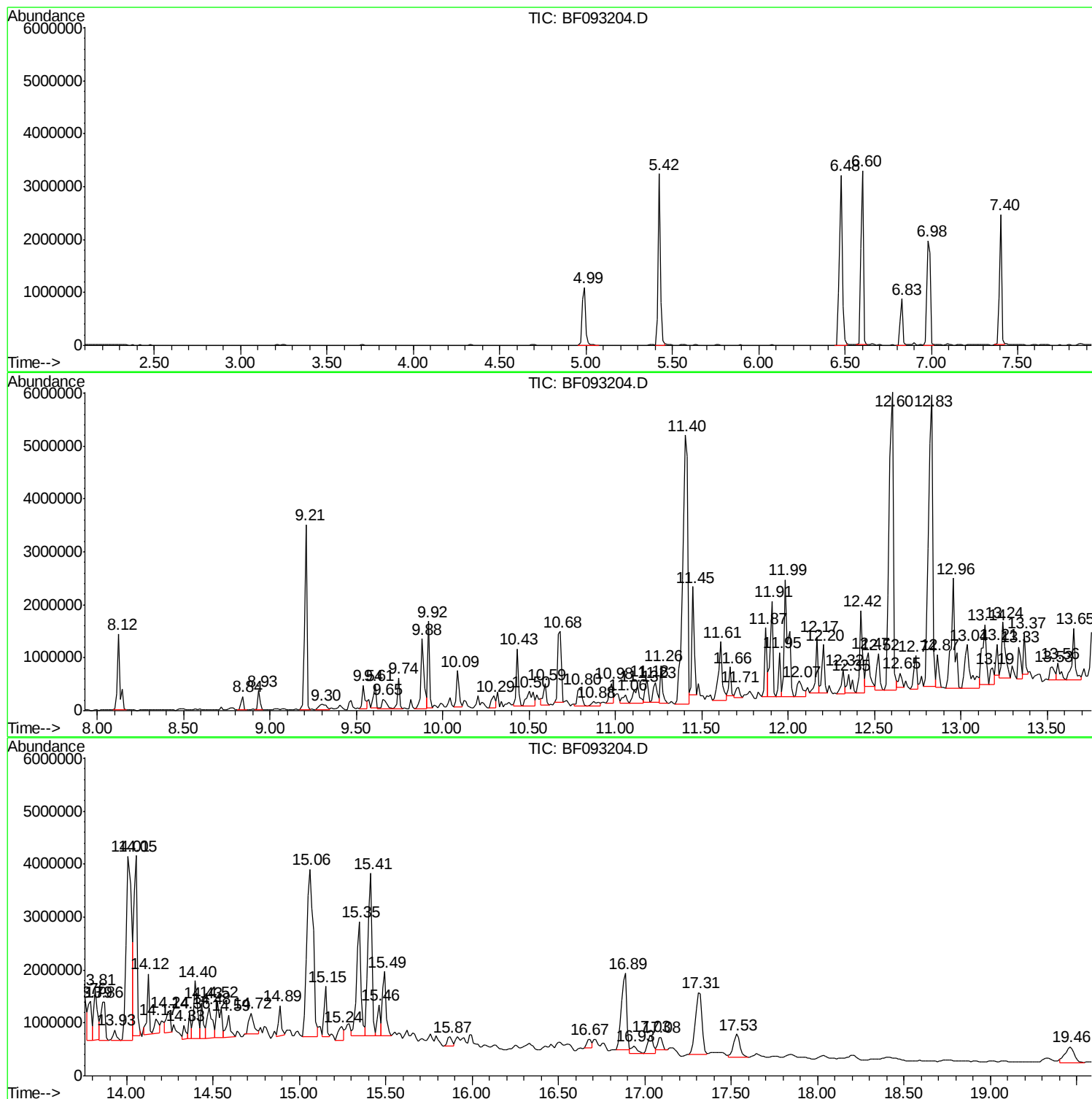
Sum of corrected areas: 157643913

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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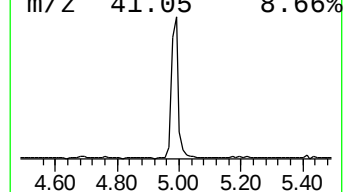
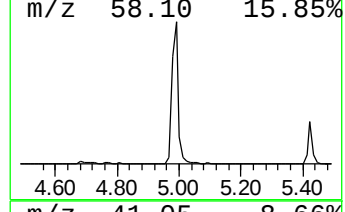
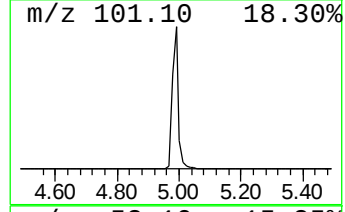
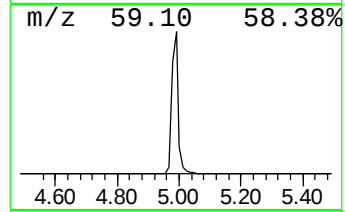
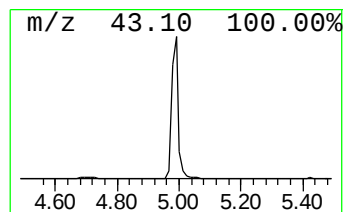
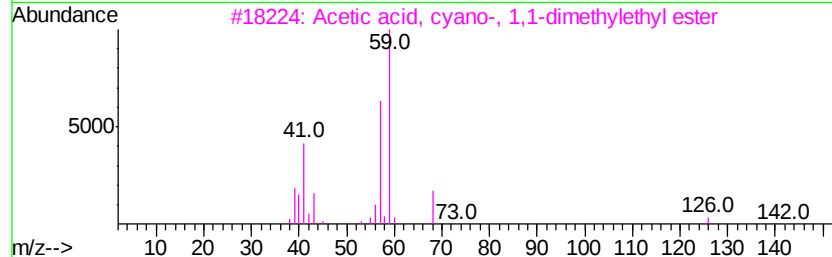
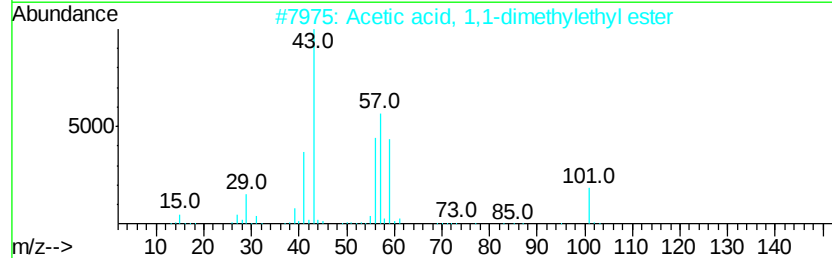
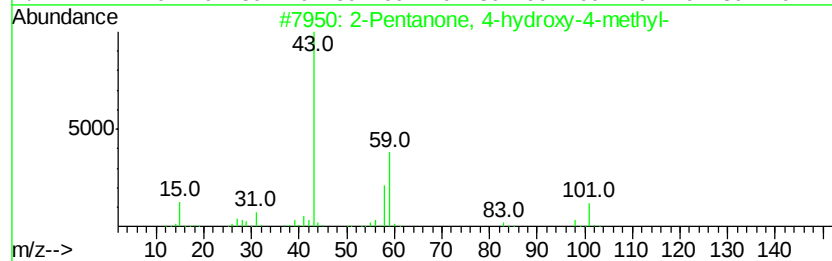
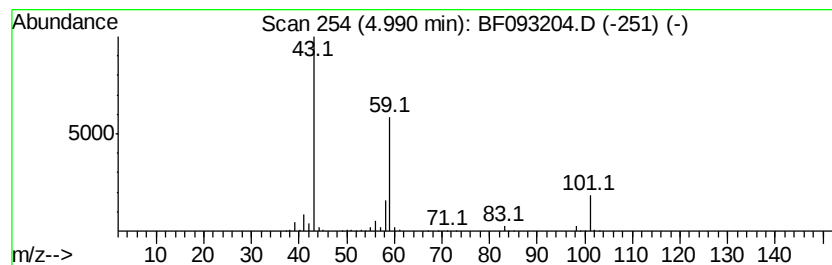
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	34.08 ng	1593660	1,4-Dichlorobenzene-d4	6.83

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			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9



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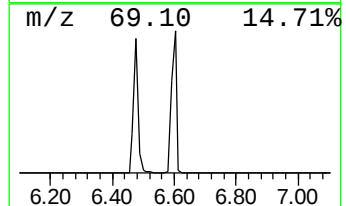
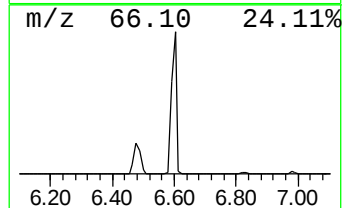
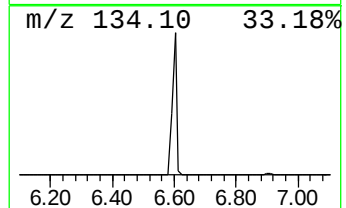
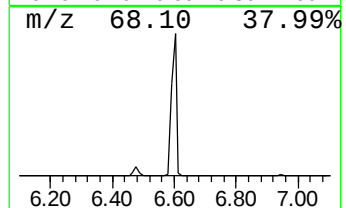
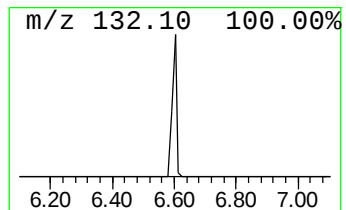
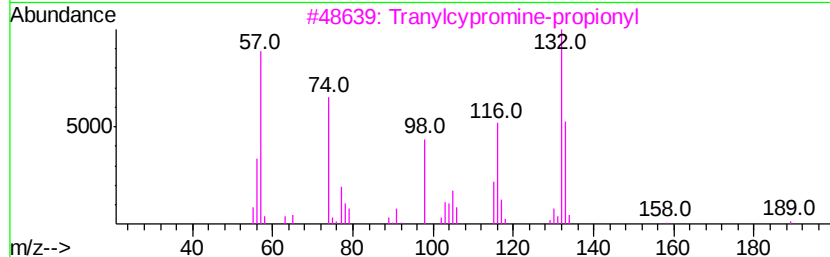
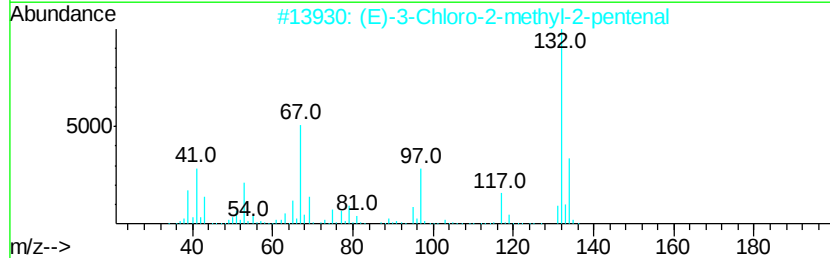
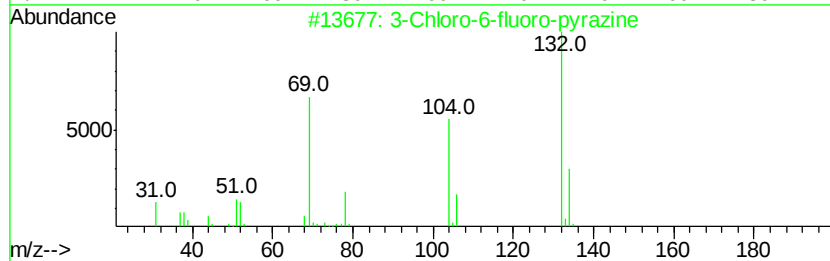
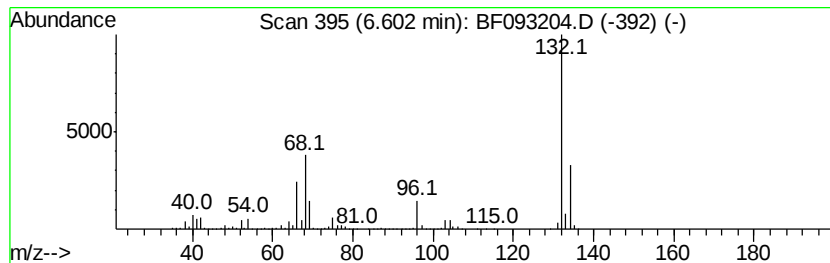
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	76.71 ng	3586760	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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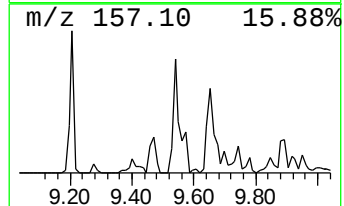
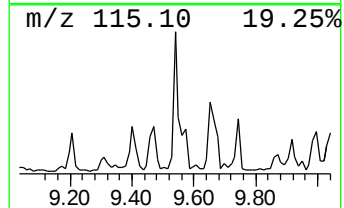
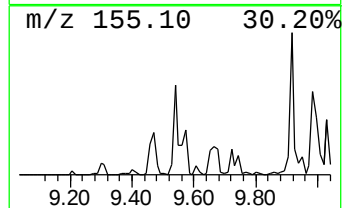
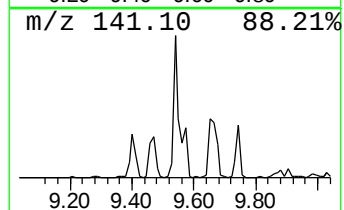
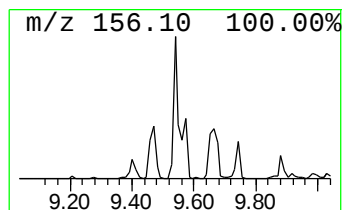
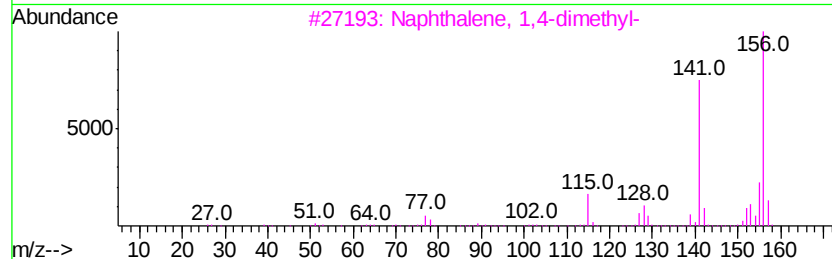
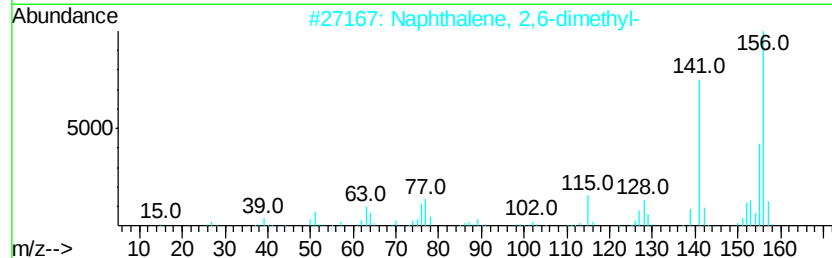
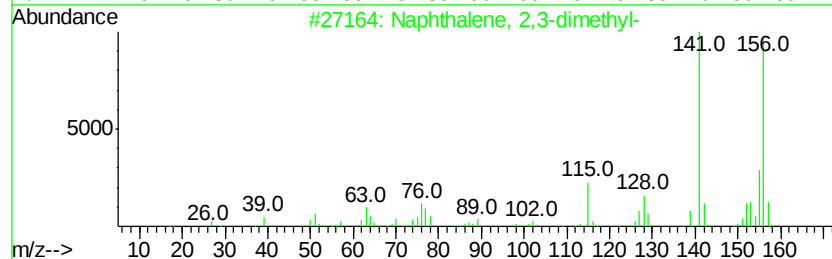
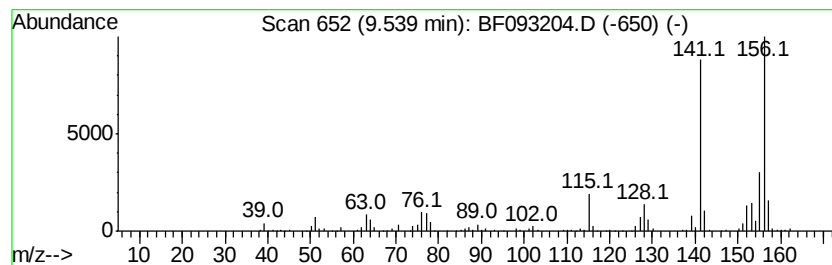
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	7.35 ng	545592	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093204.D
Acq On : 27 Feb 2017 13:04
Operator : SJ/MA
Sample : I1973-10
Misc :
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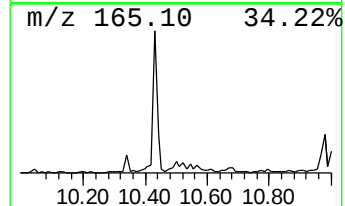
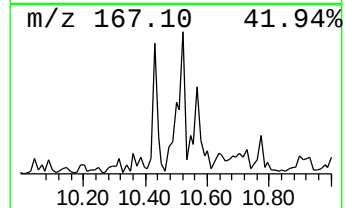
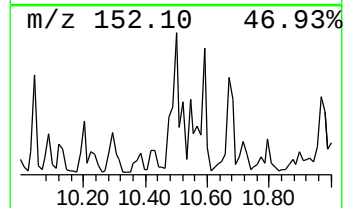
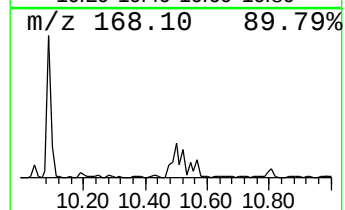
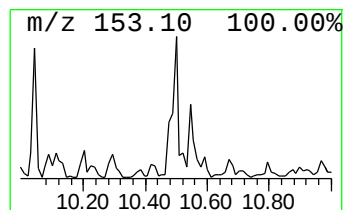
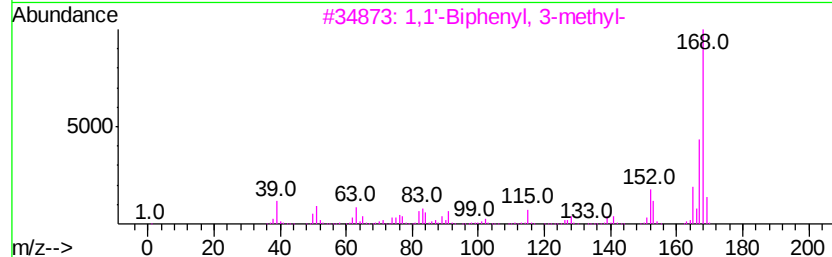
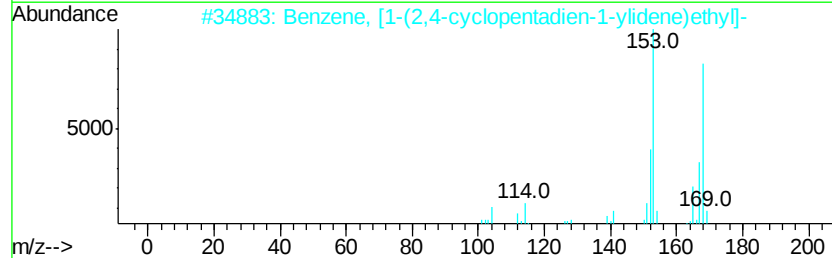
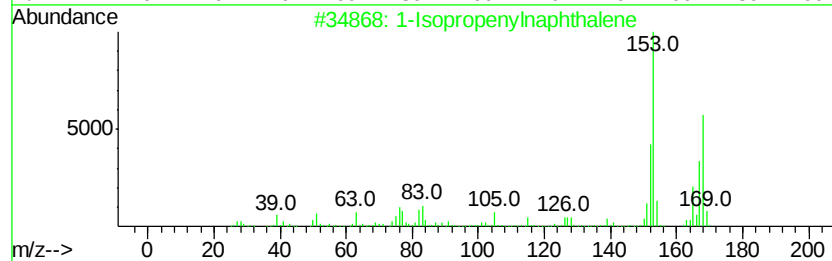
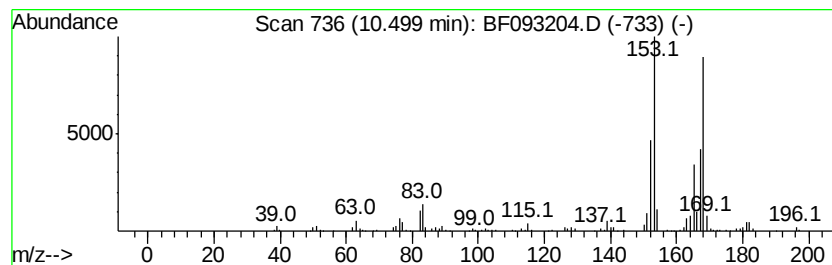
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.50	9.76 ng	724723	Acenaphthene-d10		9.88	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	47
4		(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	45
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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Acq On : 27 Feb 2017 13:04
Operator : SJ/MA
Sample : I1973-10
Misc :
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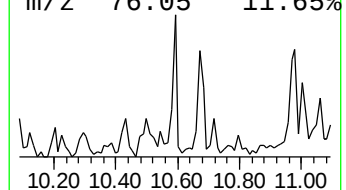
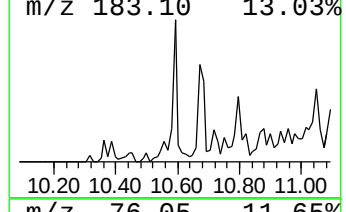
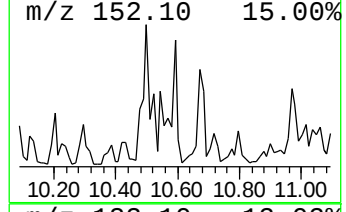
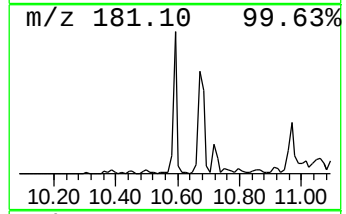
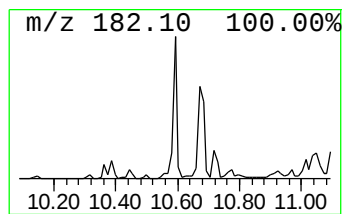
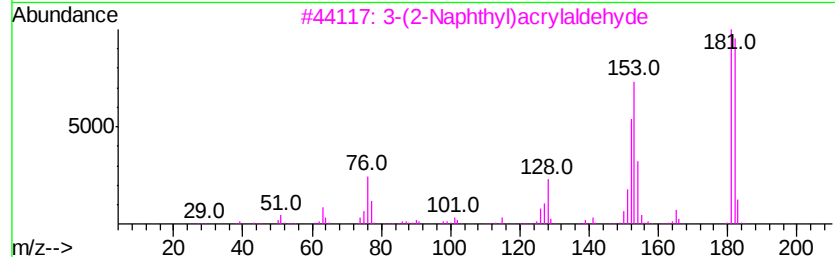
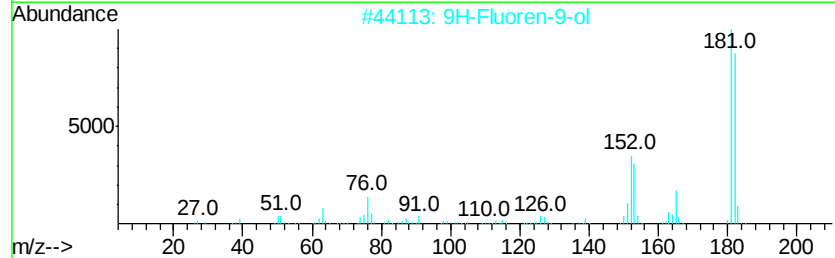
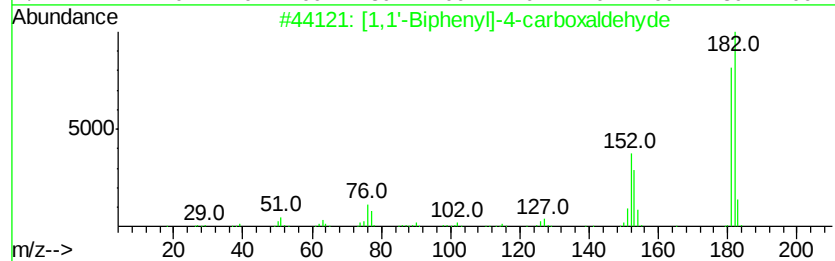
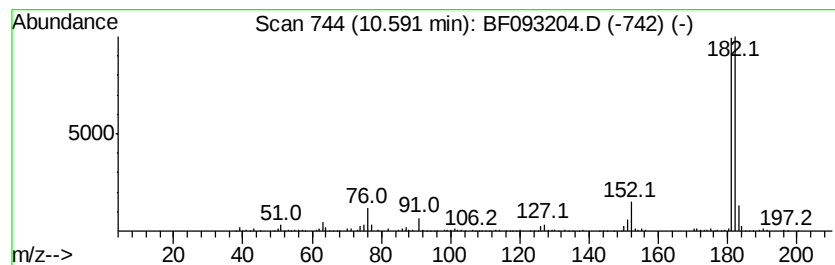
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.59	5.05 ng	374754	Acenaphthene-d10	9.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093204.D
Acq On : 27 Feb 2017 13:04
Operator : SJ/MA
Sample : I1973-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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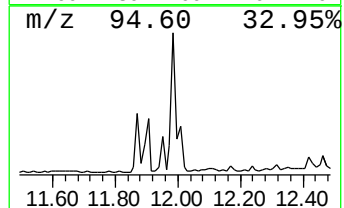
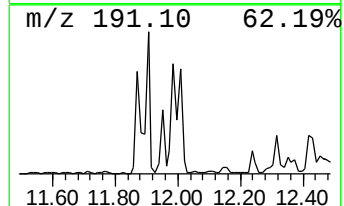
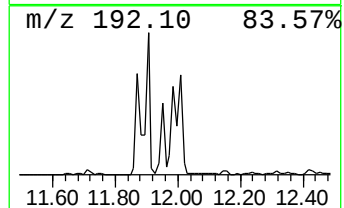
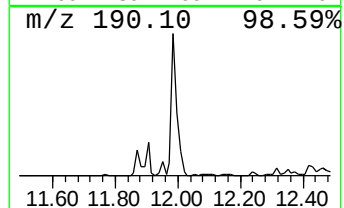
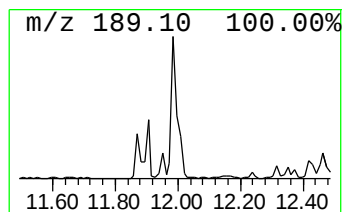
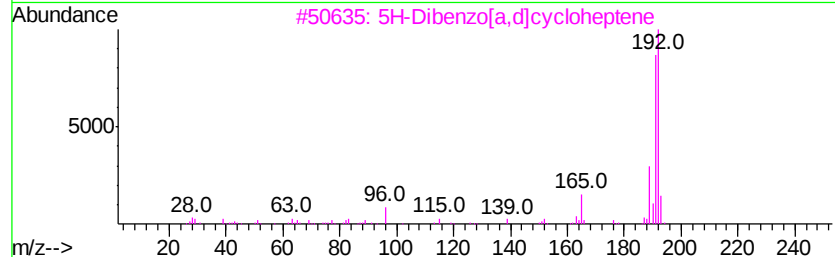
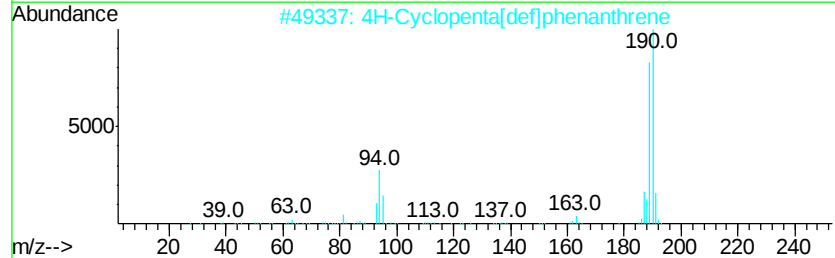
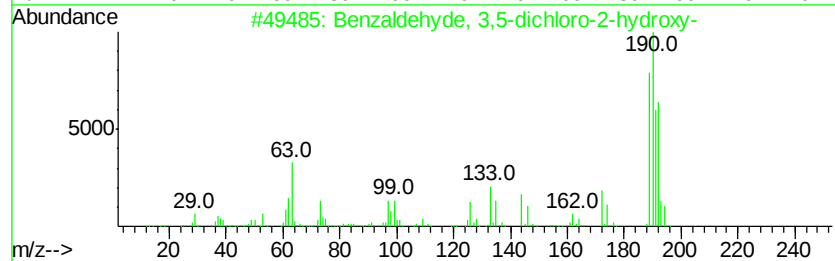
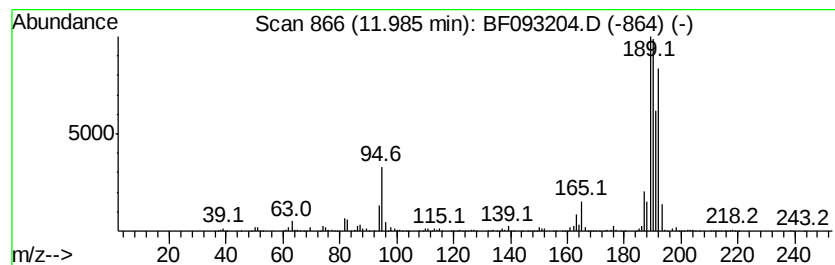
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	7.16 ng	3411160	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	64
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093204.D
Acq On : 27 Feb 2017 13:04
Operator : SJ/MA
Sample : I1973-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

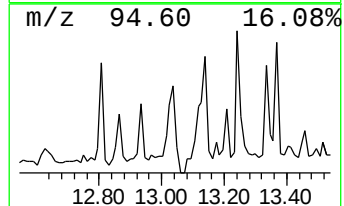
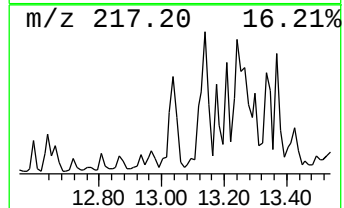
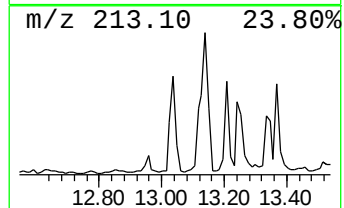
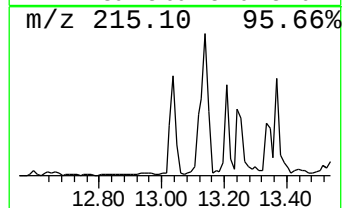
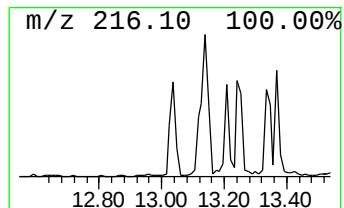
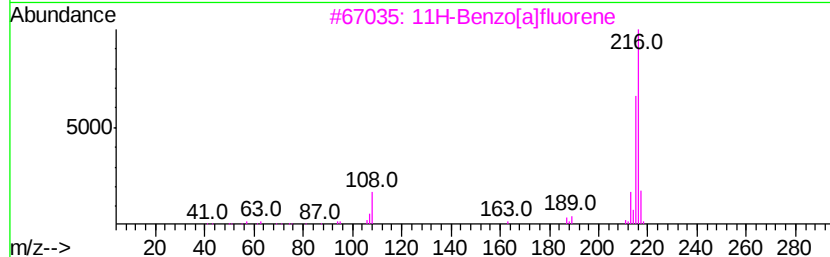
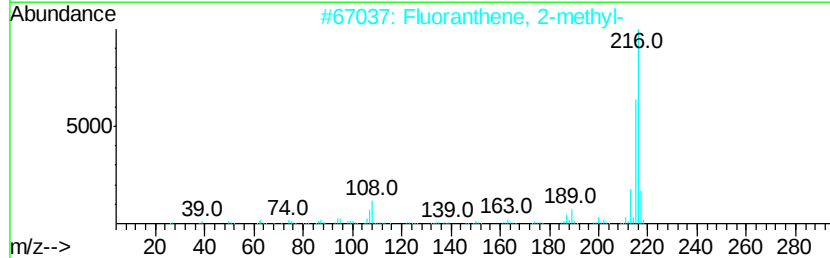
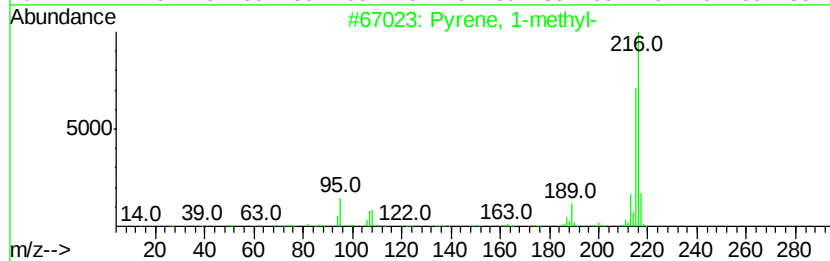
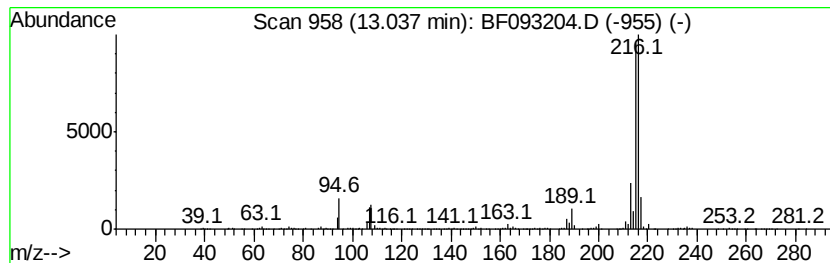
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	5.77 ng	2083080	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 93
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 91
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093204.D
Acq On : 27 Feb 2017 13:04
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Sample : I1973-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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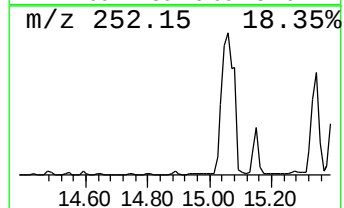
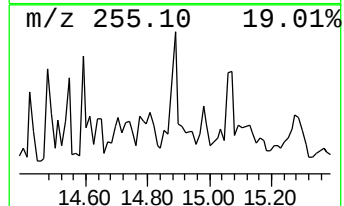
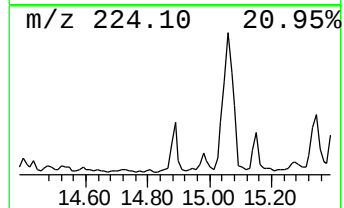
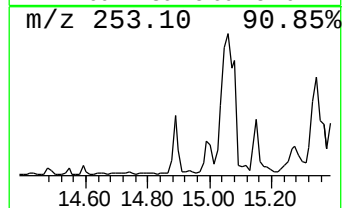
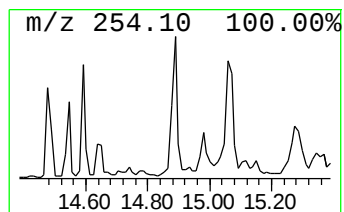
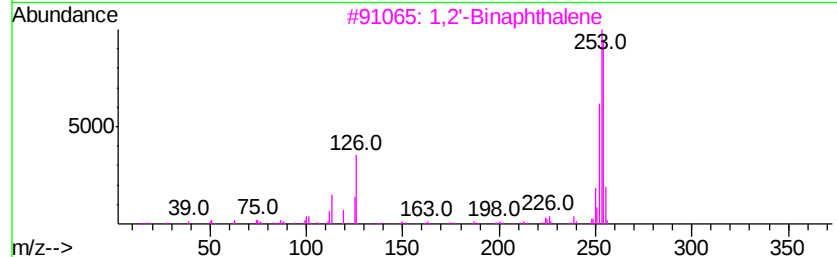
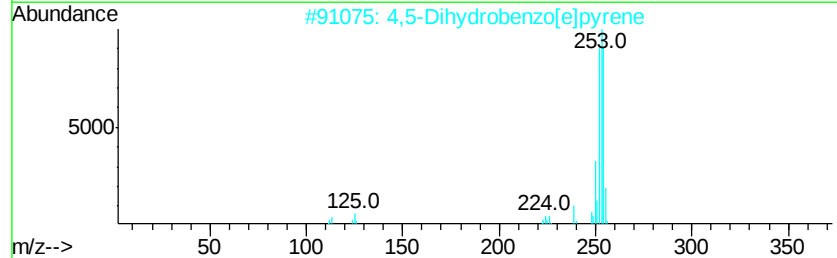
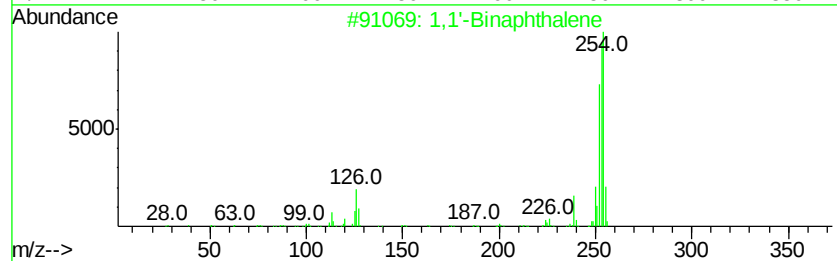
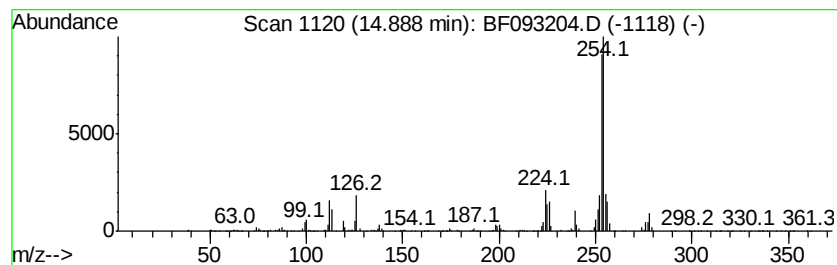
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1'-Binaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	16.59 ng	646716	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Binaphthalene	254	C20H14	000604-53-5	76
2			4,5-Dihydrobenzo[el]pyrene	254	C20H14	095676-42-9	68
3			1,2'-Binaphthalene	254	C20H14	004325-74-0	64
4			9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
5			9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
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Acq On : 27 Feb 2017 13:04
Operator : SJ/MA
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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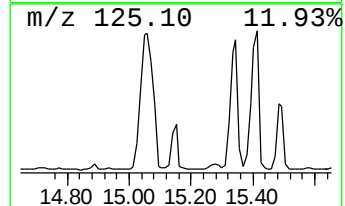
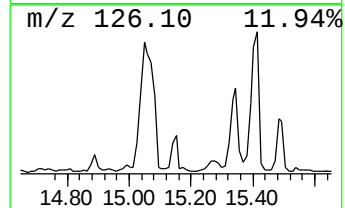
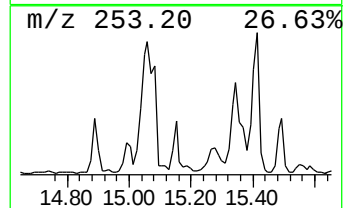
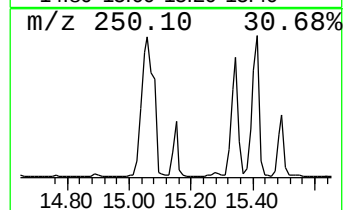
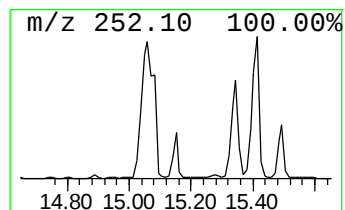
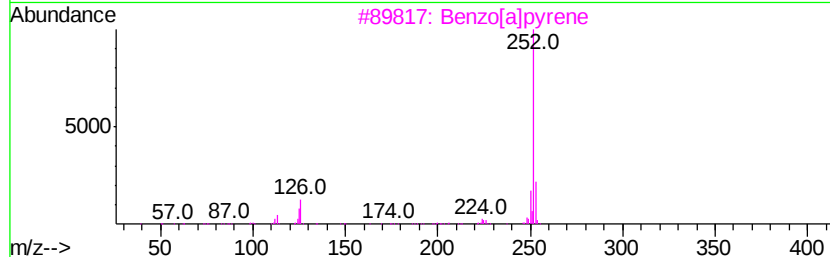
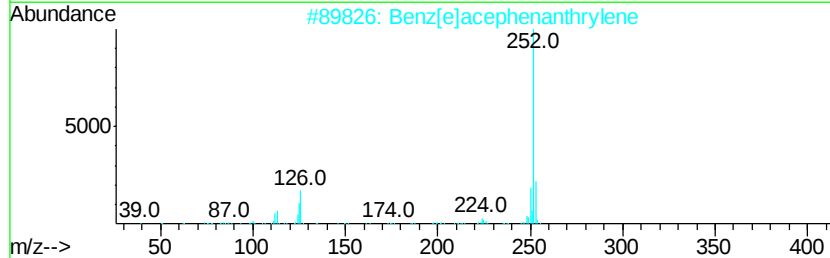
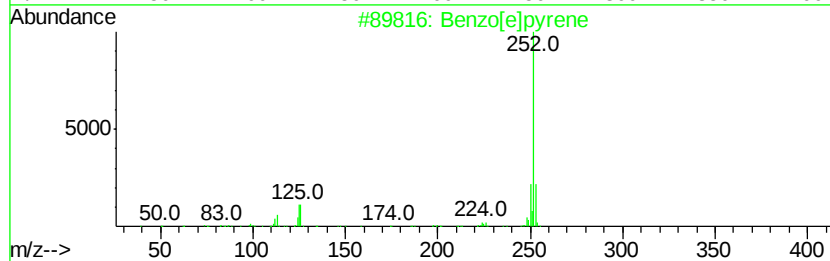
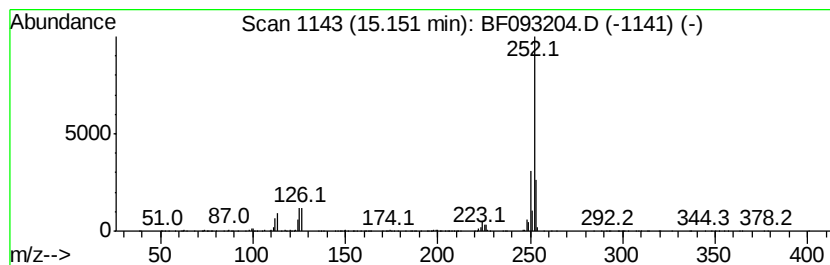
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	25.88 ng	1008660	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]bpvrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Benzo[a]bpvrene	252	C20H12	000050-32-8	91
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093204.D
Acq On : 27 Feb 2017 13:04
Operator : SJ/MA
Sample : I1973-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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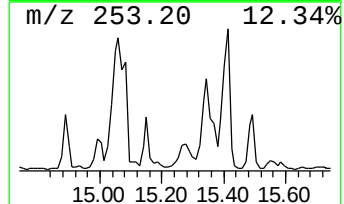
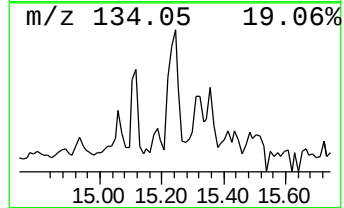
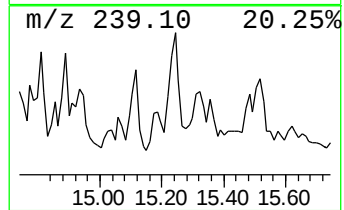
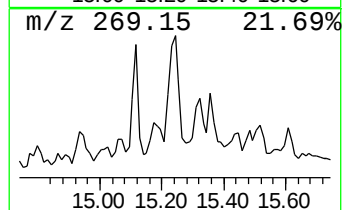
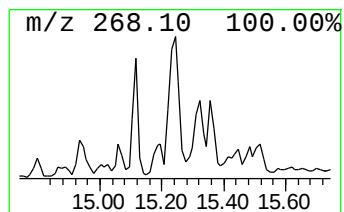
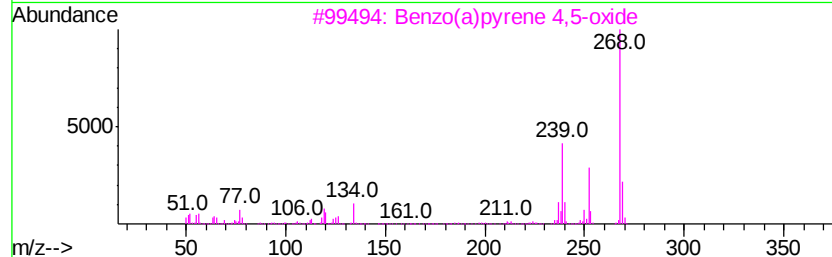
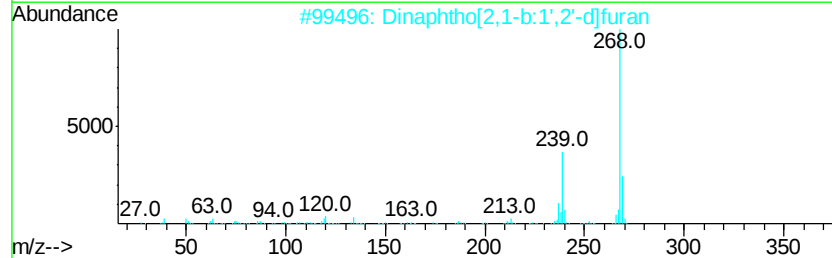
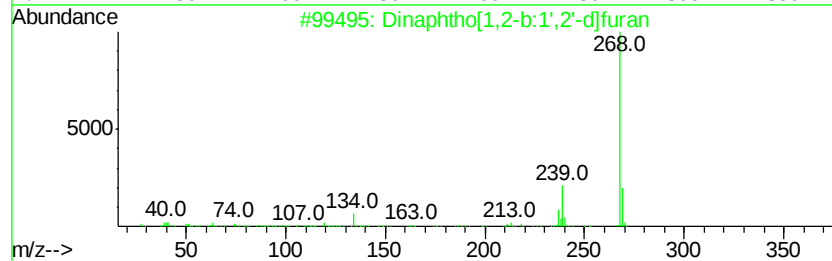
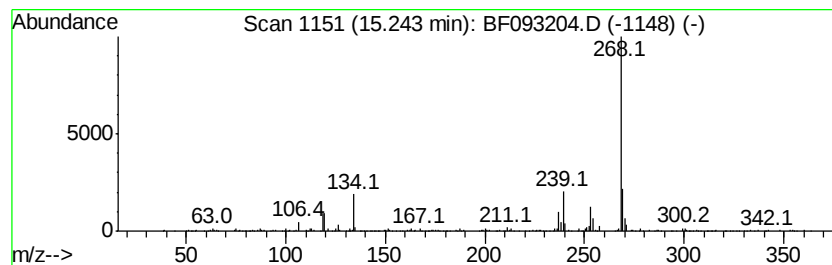
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	14.64 ng	570544	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	83
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	81
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	74
4		Phenol, 2,2'-[1,2-ethanediv]bis(...	268	C16H16N2O2	000094-93-9	64
5		3,4-Epoxy-4a-ethyl-2,3,4,4a,5,6-...	268	C17H20N2O	080249-75-8	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093204.D
Acq On : 27 Feb 2017 13:04
Operator : SJ/MA
Sample : I1973-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-GG9-BASE

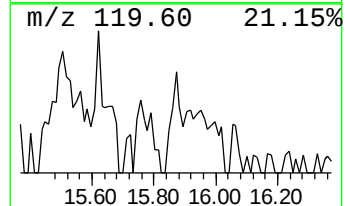
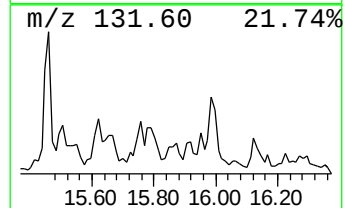
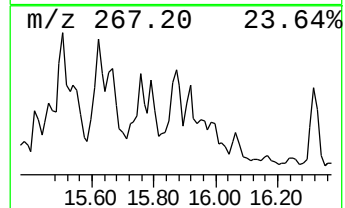
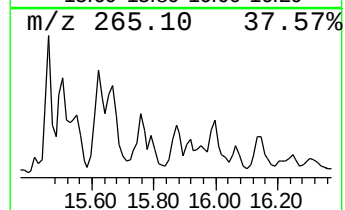
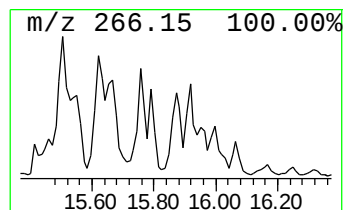
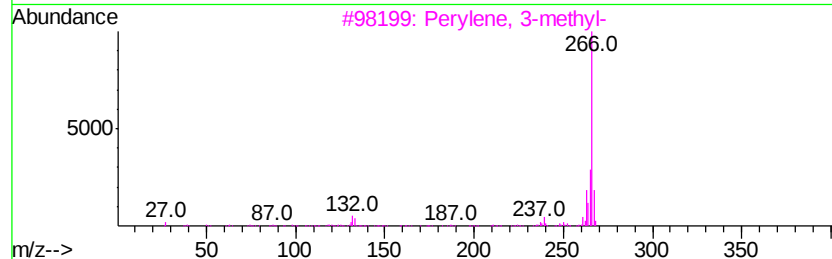
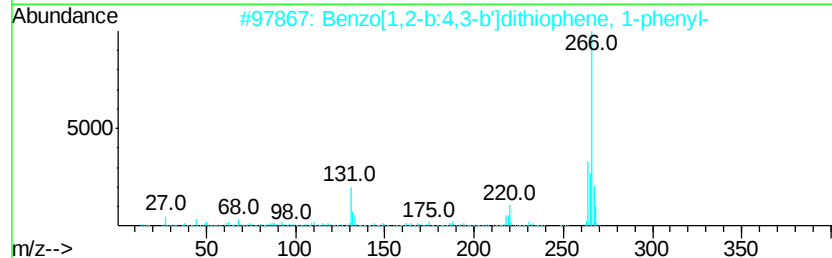
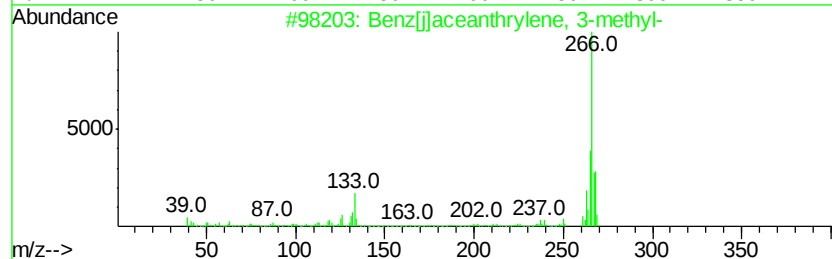
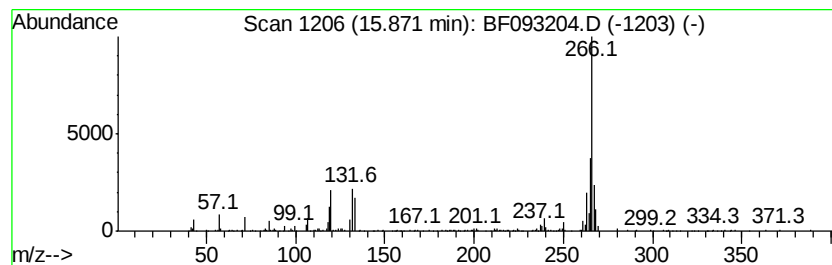
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benz[j]aceanthrylene, 3-met... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	9.03 ng	352066	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[il]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	70
2		Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	70
3		Perylene, 3-methyl-	266	C21H14	024471-47-4	60
4		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	52
5		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093204.D
Acq On : 27 Feb 2017 13:04
Operator : SJ/MA
Sample : I1973-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-GG9-BASE

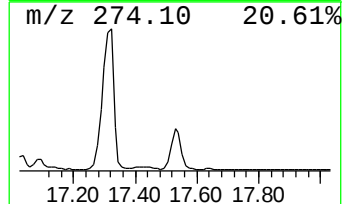
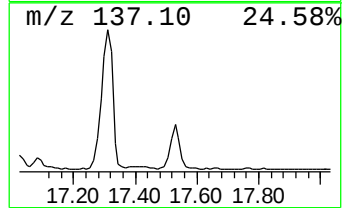
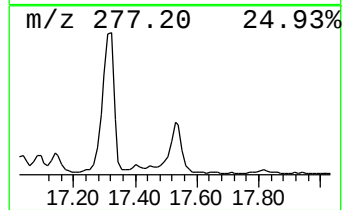
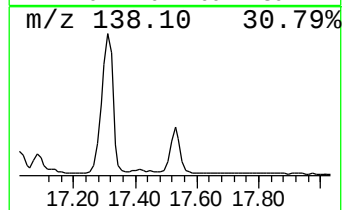
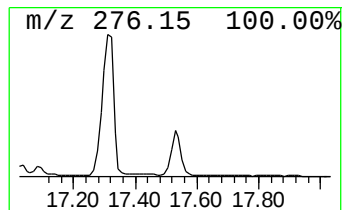
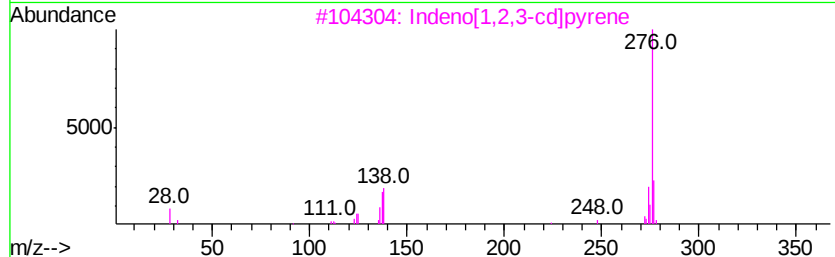
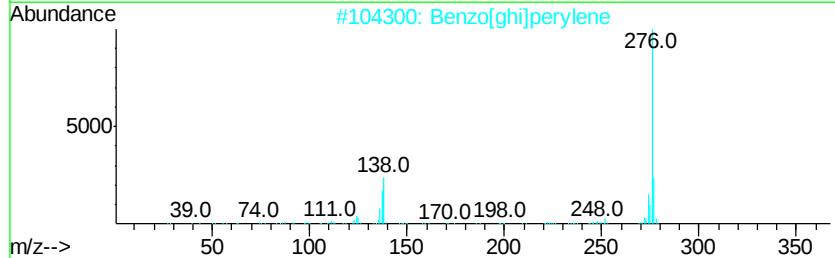
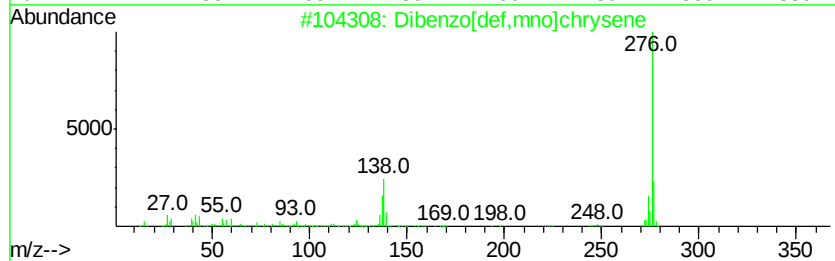
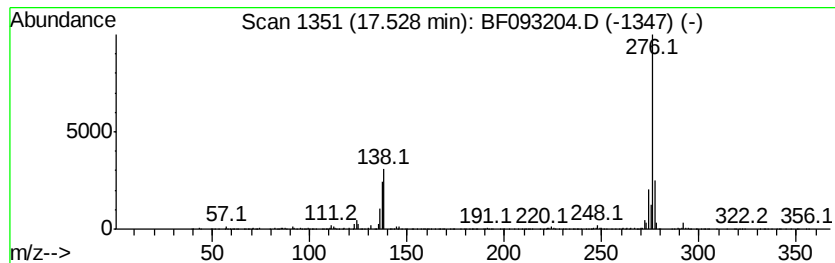
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	27.44 ng	1069660	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	83
5		6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093204.D
Acq On : 27 Feb 2017 13:04
Operator : SJ/MA
Sample : I1973-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-GG9-BASE

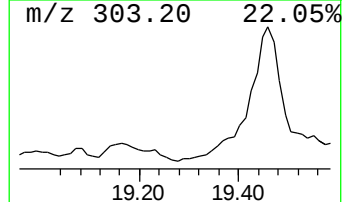
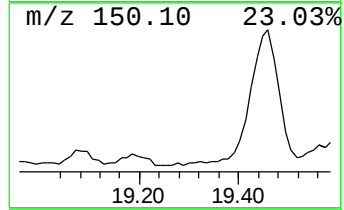
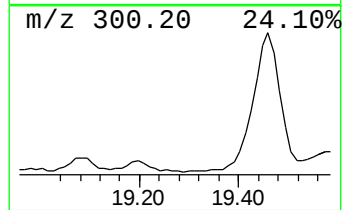
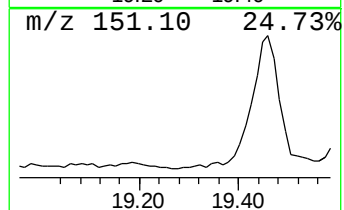
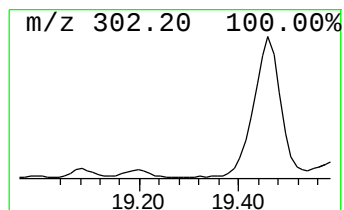
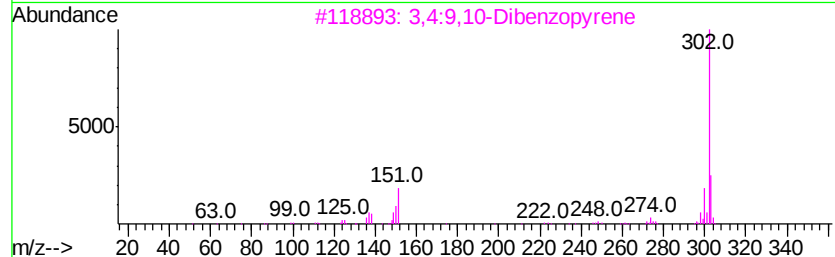
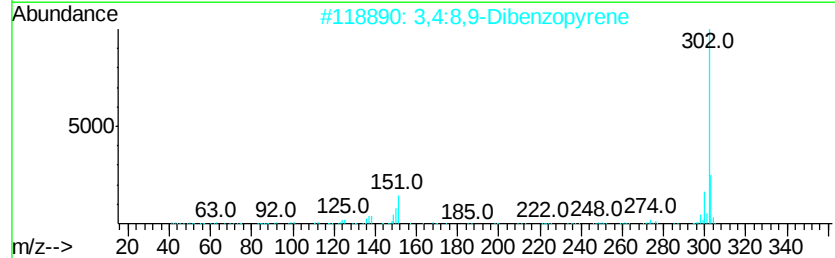
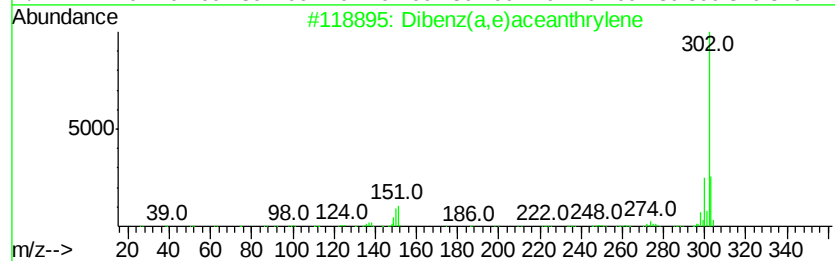
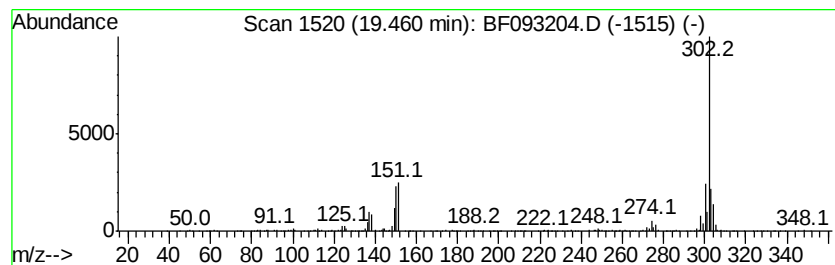
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	27.89 ng	1087190	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	97
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	97
4		Pregnan-20-one, (5.alpha.)-	302	C21H34O	000848-62-4	95
5		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
 Data File : BF093204.D
 Acq On : 27 Feb 2017 13:04
 Operator : SJ/MA
 Sample : I1973-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-GG9-BASE

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...	4.99	34.1 ng		1593660	1	6.83	935167	20.0
unknown6.60	6.60	76.7 ng		3586760	1	6.83	935167	20.0
Naphthalene, 2,3-...	9.54	7.3 ng		545592	3	9.88	1485410	20.0
1-Isopropenyl naph...	10.50	9.8 ng		724723	3	9.88	1485410	20.0
[1,1'-Biphenyl]-4...	10.59	5.0 ng		374754	3	9.88	1485410	20.0
Benzaldehyde, 3,5...	11.99	7.2 ng		3411160	4	11.38	9531610	20.0
Pyrene, 1-methyl-	13.04	5.8 ng		2083080	5	14.02	7214230	20.0
1,1'-Binaphthalene	14.89	16.6 ng		646716	6	15.46	779532	20.0
Benzo[e]pyrene	15.15	25.9 ng		1008660	6	15.46	779532	20.0
Dinaphtho[1,2-b:1...	15.24	14.6 ng		570544	6	15.46	779532	20.0
Benz[j]aceanthryl...	15.87	9.0 ng		352066	6	15.46	779532	20.0
Dibenzo[def,mno]c...	17.53	27.4 ng		1069660	6	15.46	779532	20.0
Dibenz(a,e)aceant...	19.46	27.9 ng		1087190	6	15.46	779532	20.0