

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093182.D
 Acq On : 25 Feb 2017 10:16
 Operator : SJ/MA
 Sample : I1972-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2B21-BASE-3

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	5.001	252	255	269	rVB	1440349	2151203	26.73%	1.609%
2	5.436	290	293	295	rBV	4130869	4750750	59.04%	3.553%
3	6.476	381	384	387	rBV	3425233	4729164	58.77%	3.537%
4	6.602	393	395	398	rBV	4127681	4121746	51.22%	3.083%
5	6.830	413	415	418	rBV	1098849	922616	11.47%	0.690%
6	6.990	426	429	431	rBV	3834224	3469022	43.11%	2.594%
7	7.402	462	465	468	rBV	2624628	2793027	34.71%	2.089%
8	8.122	525	528	532	rBV2	1259238	1619783	20.13%	1.211%
9	8.830	588	590	592	rBV	331488	266486	3.31%	0.199%
10	8.933	597	599	601	rVB	305793	281930	3.50%	0.211%
11	9.196	619	622	625	rBV	3640808	3901776	48.49%	2.918%
12	9.539	649	652	655	rVV2	236776	511539	6.36%	0.383%
13	9.596	655	657	659	rVV	483754	399179	4.96%	0.299%
14	9.653	659	662	666	rVV2	174040	250138	3.11%	0.187%
15	9.733	668	669	671	rVB	372977	307423	3.82%	0.230%
16	9.870	677	681	683	rBV2	893256	1257304	15.62%	0.940%
17	9.905	683	684	686	rVV	1213712	1123317	13.96%	0.840%
18	10.030	693	695	697	rBV2	256439	275825	3.43%	0.206%
19	10.076	697	699	701	rVV	544756	610011	7.58%	0.456%
20	10.282	715	717	720	rBV2	235608	400075	4.97%	0.299%
21	10.419	727	729	732	rVB	923589	1035179	12.86%	0.774%
22	10.488	732	735	736	rBV	333854	500395	6.22%	0.374%
23	10.579	742	743	745	rVB	360190	324870	4.04%	0.243%
24	10.671	748	751	753	rVV	2075002	2271107	28.22%	1.699%
25	10.785	756	761	765	rVB3	227547	408023	5.07%	0.305%
26	10.968	774	777	779	rBV3	345368	656801	8.16%	0.491%
27	11.059	781	785	786	rVB2	178141	350320	4.35%	0.262%
28	11.116	786	790	793	rBV4	202794	629156	7.82%	0.471%
29	11.173	793	795	797	rVB	336764	299140	3.72%	0.224%
30	11.219	797	799	801	rBV2	323148	511336	6.35%	0.382%
31	11.253	801	802	806	rVB	409436	604570	7.51%	0.452%
32	11.402	809	815	816	rBV2	5002975	8047128	100.00%	6.018%
33	11.448	816	819	820	rVV	1311902	1814271	22.55%	1.357%
34	11.471	820	821	823	rVV	263913	273867	3.40%	0.205%

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

35	11.596	828	832	836	rBV2	775044	962812	11.96%	0.720%
36	11.653	836	837	839	rBV2	298480	311868	3.88%	0.233%
37	11.699	839	841	843	rVB2	221535	299942	3.73%	0.224%
38	11.871	853	856	857	rBV	1435406	1562182	19.41%	1.168%
39	11.894	857	858	860	rVB	1684902	1585937	19.71%	1.186%
40	11.939	860	862	864	rBV	635565	803095	9.98%	0.601%
41	11.985	864	866	870	rVB	1711750	3347574	41.60%	2.504%
42	12.065	870	873	875	rBV4	208386	469180	5.83%	0.351%
43	12.156	877	881	883	rBV2	617285	958434	11.91%	0.717%
44	12.191	883	884	886	rVB	518937	519490	6.46%	0.389%
45	12.305	892	894	896	rBV2	341947	519332	6.45%	0.388%
46	12.339	896	897	898	rVV	329664	289039	3.59%	0.216%
47	12.419	901	904	905	rBV	982530	1176340	14.62%	0.880%
48	12.454	905	907	910	rVV2	727571	1085767	13.49%	0.812%
49	12.511	910	912	916	rVB3	536575	748381	9.30%	0.560%
50	12.591	916	919	921	rBV	5073500	5991501	74.46%	4.481%
51	12.648	921	924	925	rVV2	276891	400926	4.98%	0.300%
52	12.728	928	931	933	rBV	436259	596913	7.42%	0.446%
53	12.819	936	939	941	rBV	4705187	7091124	88.12%	5.303%
54	12.865	941	943	945	rVB2	426934	620724	7.71%	0.464%
55	12.956	945	951	954	rVB3	2489780	3840651	47.73%	2.872%
56	13.025	954	957	961	rBV4	689733	1426376	17.73%	1.067%
57	13.139	963	967	969	rVB	1405380	1951228	24.25%	1.459%
58	13.208	969	973	974	rBV	975453	1147158	14.26%	0.858%
59	13.242	974	976	978	rVV	1091159	1401119	17.41%	1.048%
60	13.334	982	984	985	rVV	731997	656844	8.16%	0.491%
61	13.368	985	987	988	rVV	722654	733909	9.12%	0.549%
62	13.539	998	1002	1003	rBV3	261203	606077	7.53%	0.453%
63	13.562	1003	1004	1007	rVB	376909	389138	4.84%	0.291%
64	13.654	1007	1012	1014	rBV2	497754	997707	12.40%	0.746%
65	13.757	1018	1021	1022	rBV	729187	900015	11.18%	0.673%
66	13.814	1025	1026	1028	rVV2	433806	662135	8.23%	0.495%
67	13.859	1028	1030	1033	rVB2	573886	751390	9.34%	0.562%
68	13.928	1033	1036	1039	rBV	186913	366066	4.55%	0.274%
69	14.008	1039	1043	1045	rBV2	3222145	6367987	79.13%	4.763%
70	14.042	1045	1046	1048	rVV	3295409	2655591	33.00%	1.986%
71	14.111	1049	1052	1055	rVV2	516404	869876	10.81%	0.651%

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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

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72	14.168	1055	1057	1059	rVV3	203635	479646	5.96%	0.359%
73	14.202	1059	1060	1061	rVV	312964	271265	3.37%	0.203%
74	14.237	1061	1063	1065	rVV2	440849	599734	7.45%	0.449%
75	14.362	1072	1074	1075	rBV2	244309	382660	4.76%	0.286%
76	14.397	1075	1077	1079	rVV	1048043	1202285	14.94%	0.899%
77	14.431	1079	1080	1082	rVV	577093	499290	6.20%	0.373%
78	14.477	1082	1084	1087	rVV3	364155	900226	11.19%	0.673%
79	14.522	1087	1088	1091	rVV2	467088	752458	9.35%	0.563%
80	14.591	1091	1094	1097	rVB2	346841	552461	6.87%	0.413%
81	14.705	1102	1104	1109	rBV4	283773	555372	6.90%	0.415%
82	14.877	1118	1119	1123	rBV2	261057	373251	4.64%	0.279%
83	15.048	1130	1134	1138	rBV	2258034	5438966	67.59%	4.068%
84	15.140	1140	1142	1144	rVV	581075	572142	7.11%	0.428%
85	15.242	1147	1151	1152	rBV3	145190	362508	4.50%	0.271%
86	15.277	1152	1154	1156	rVV2	201305	357389	4.44%	0.267%
87	15.334	1156	1159	1162	rVV	1459031	2331206	28.97%	1.743%
88	15.391	1162	1164	1167	rVV	1930853	2959874	36.78%	2.214%
89	15.448	1167	1169	1170	rVV	654119	787105	9.78%	0.589%
90	15.482	1170	1172	1175	rVV2	698897	1093125	13.58%	0.818%
91	15.620	1181	1184	1185	rVV2	125201	245529	3.05%	0.184%
92	15.654	1185	1187	1190	rVV3	160313	343281	4.27%	0.257%
93	15.860	1202	1205	1207	rBV	134903	267460	3.32%	0.200%
94	16.511	1258	1262	1269	rVB4	78699	358012	4.45%	0.268%
95	16.660	1272	1275	1277	rBV2	122159	273232	3.40%	0.204%
96	16.865	1289	1293	1296	rVV	796362	1720252	21.38%	1.287%
97	17.014	1303	1306	1309	rBV	194659	438805	5.45%	0.328%
98	17.288	1326	1330	1335	rVB	677920	1469585	18.26%	1.099%
99	17.517	1346	1350	1356	rVB	220059	627594	7.80%	0.469%
100	19.449	1513	1519	1525	rVB	159093	562770	6.99%	0.421%

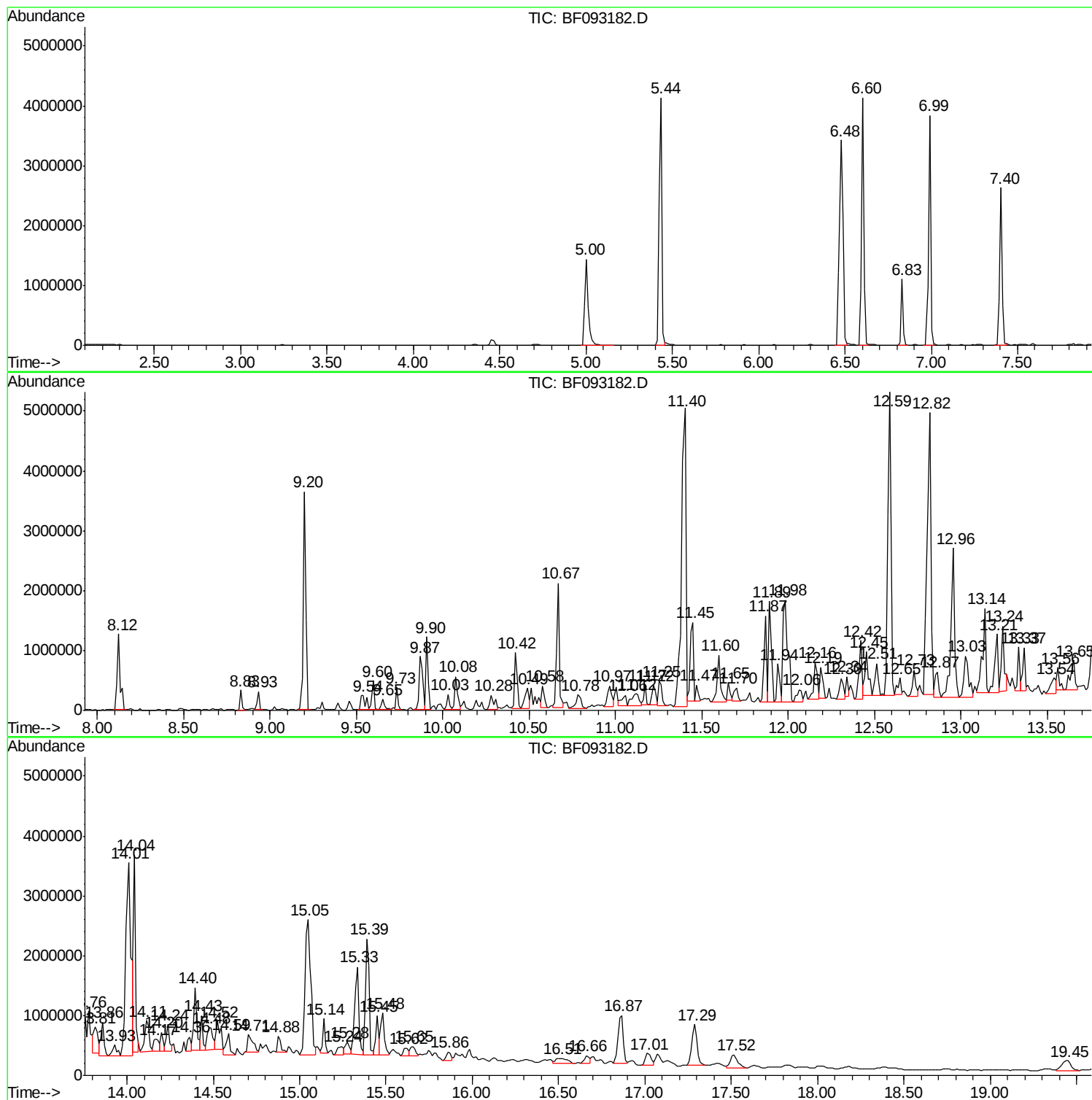
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Instrument :
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ClientSampled :
E2B21-BASE-3

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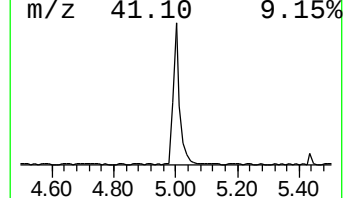
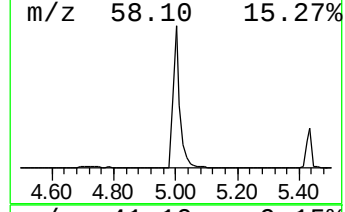
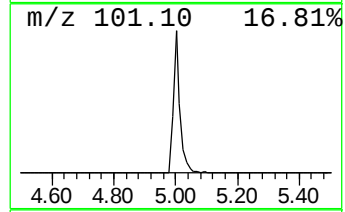
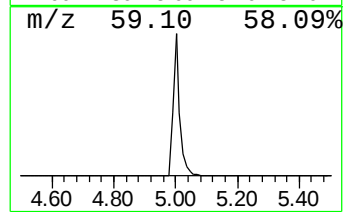
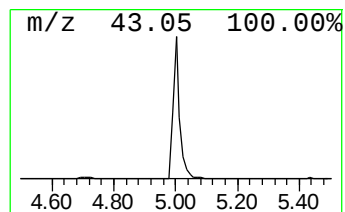
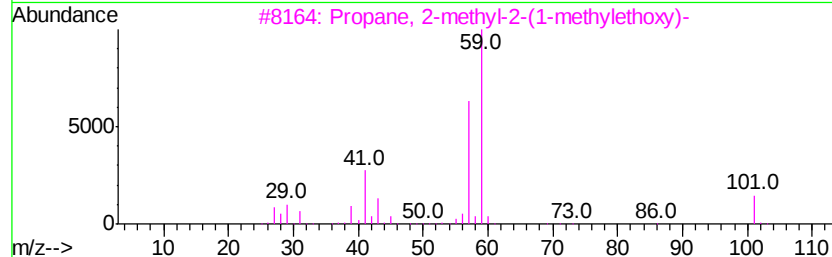
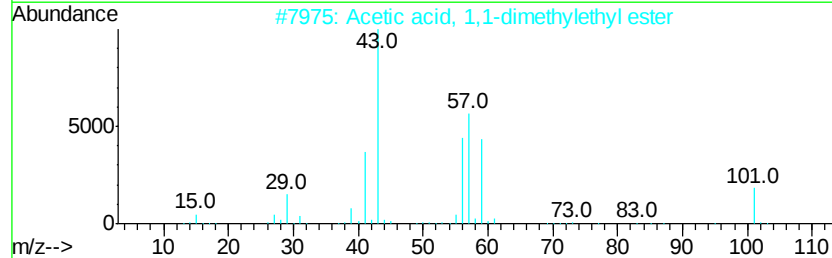
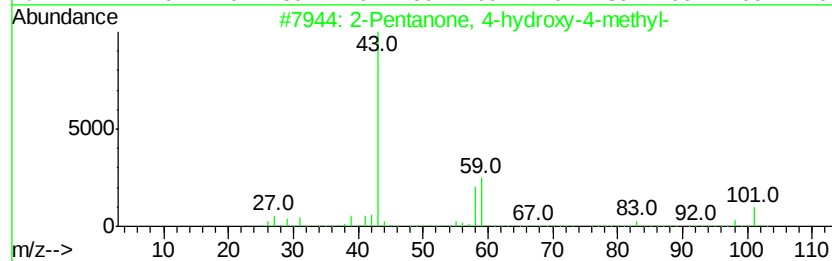
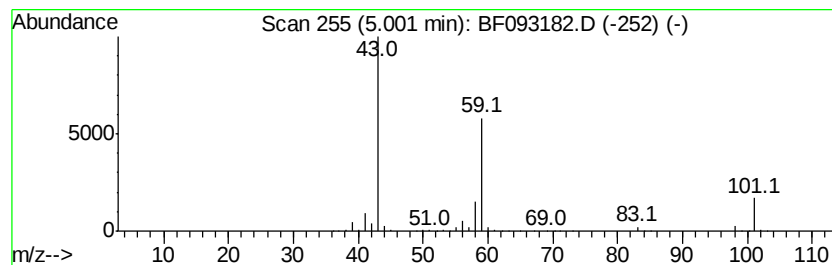
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	46.63 ng	2151200	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	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33	
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33	
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	



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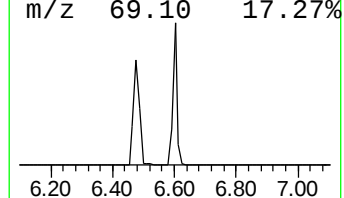
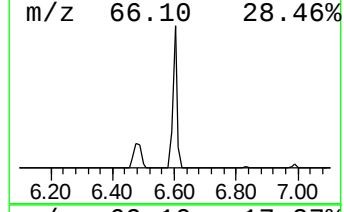
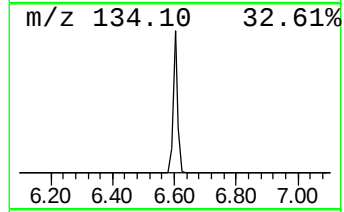
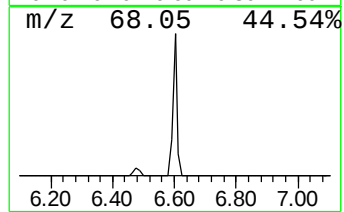
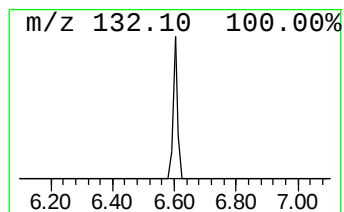
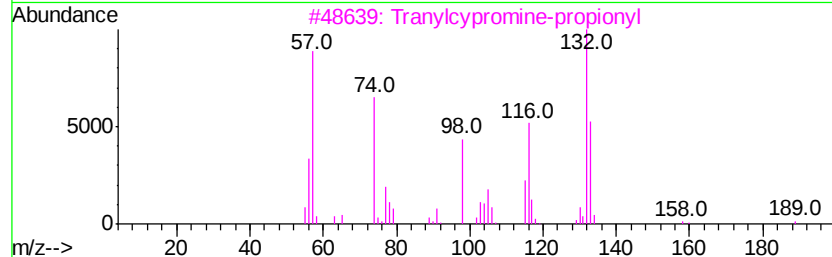
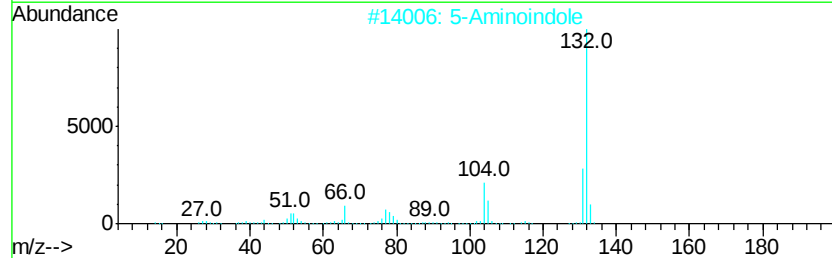
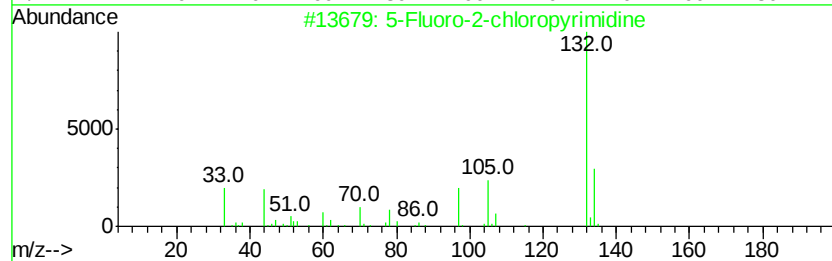
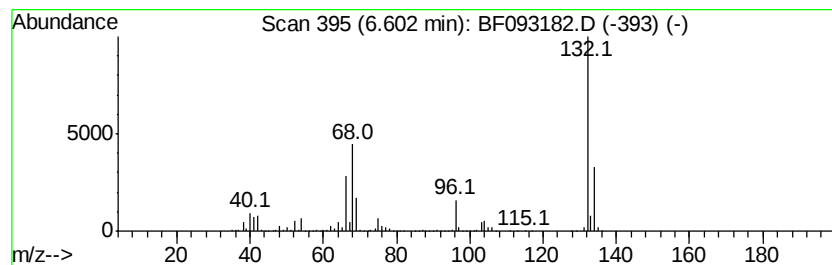
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	89.35 ng	4121750	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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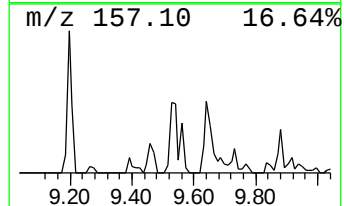
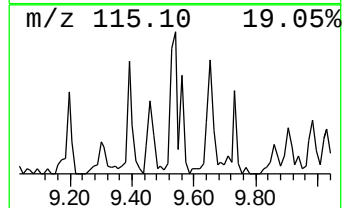
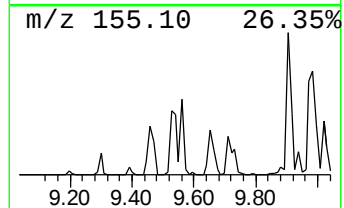
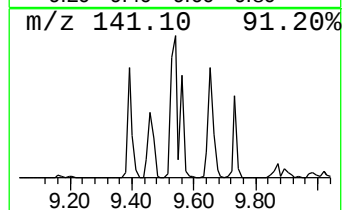
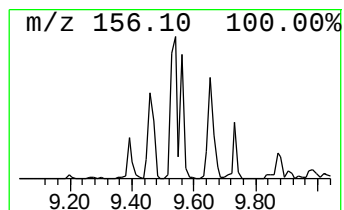
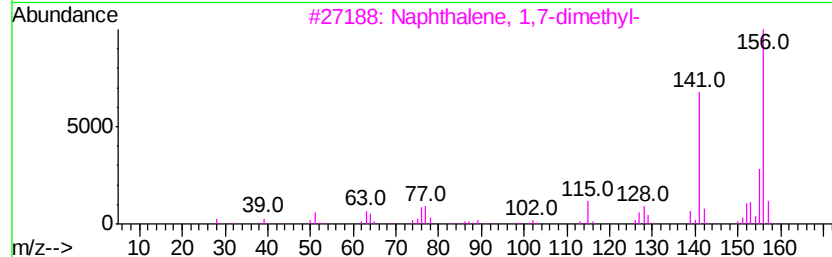
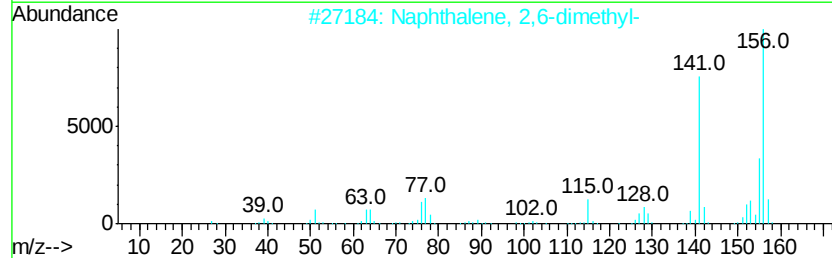
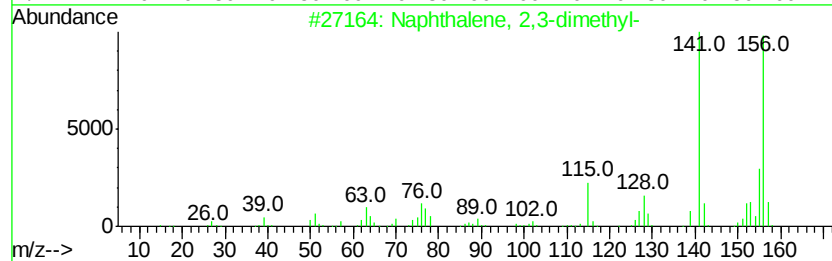
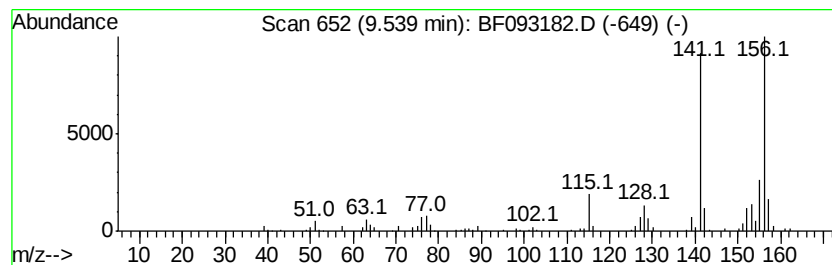
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	8.14 ng	511539	Acenaphthene-d10	9.87

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093182.D
Acq On : 25 Feb 2017 10:16
Operator : SJ/MA
Sample : I1972-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2B21-BASE-3

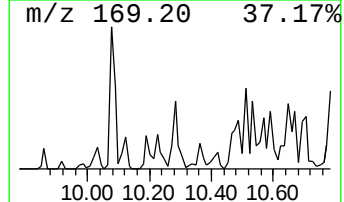
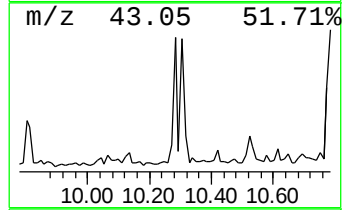
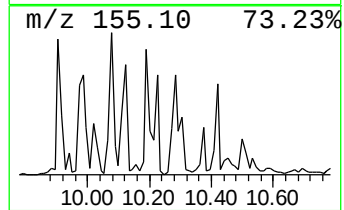
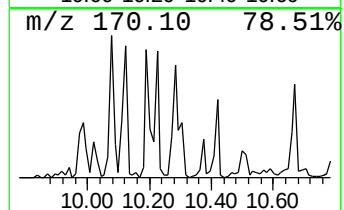
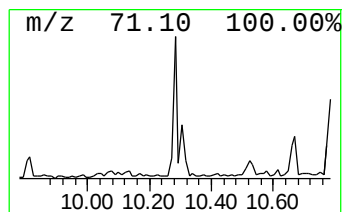
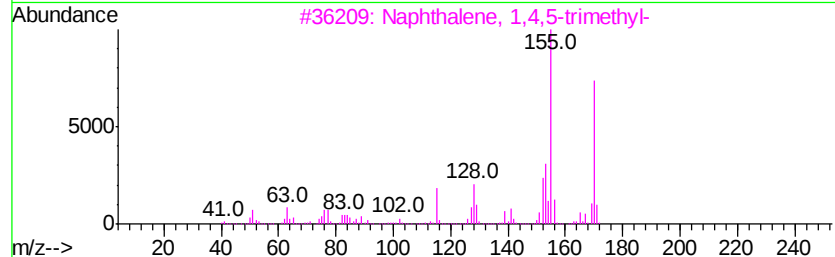
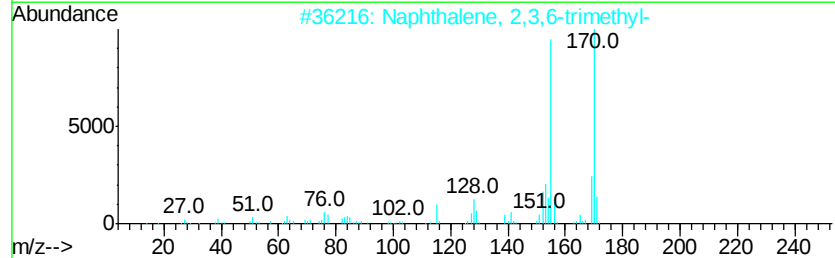
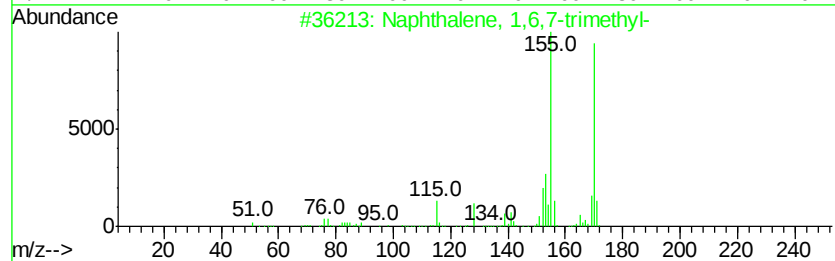
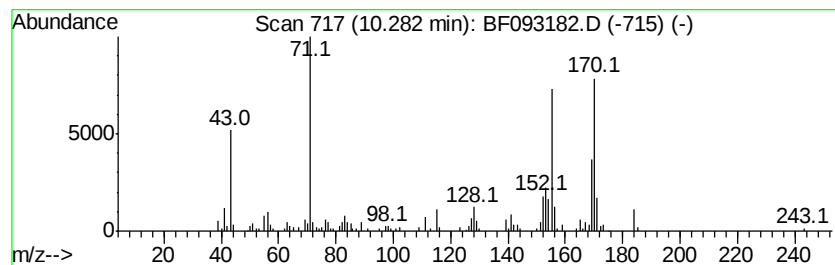
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	6.36 ng	400075	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	86
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093182.D
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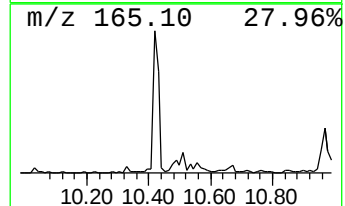
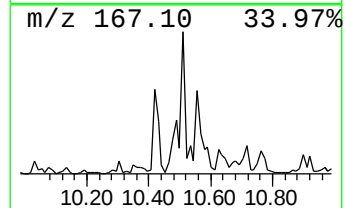
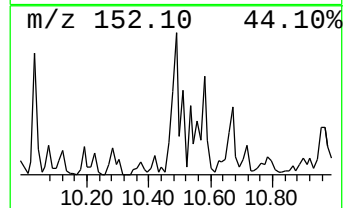
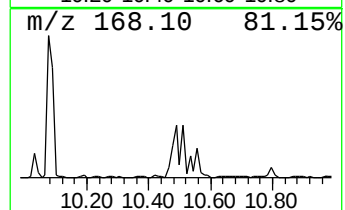
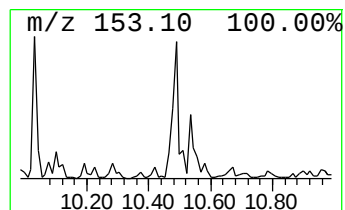
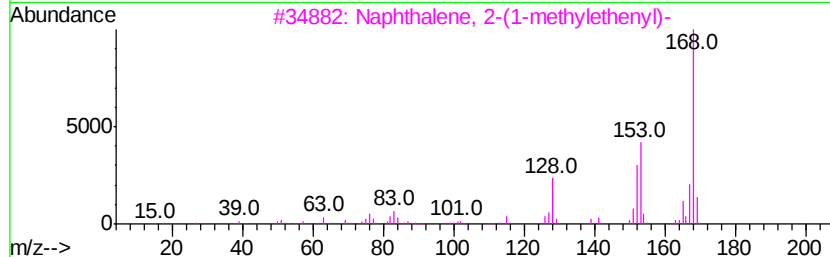
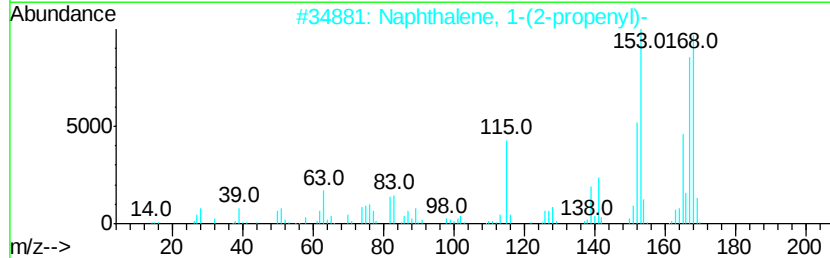
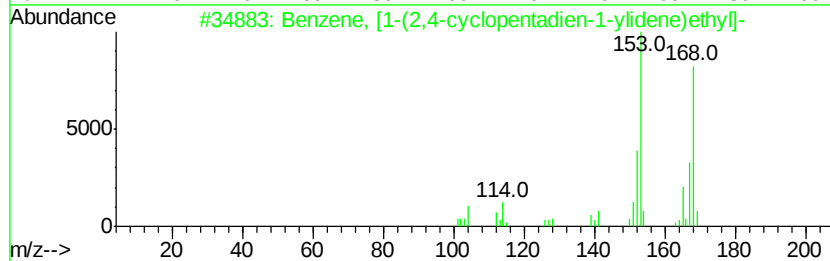
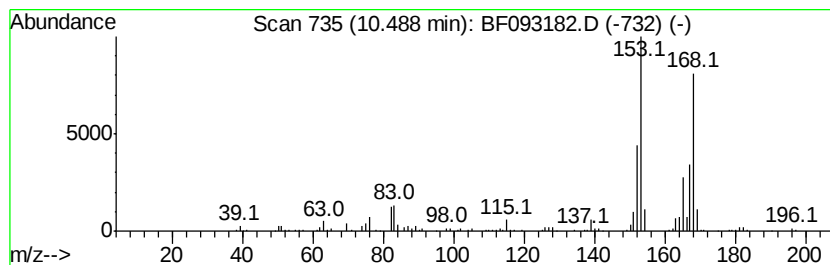
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, [1-(2,4-cyclopenta... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	7.96 ng	500395	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
3		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
5		5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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Acq On : 25 Feb 2017 10:16
Operator : SJ/MA
Sample : I1972-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

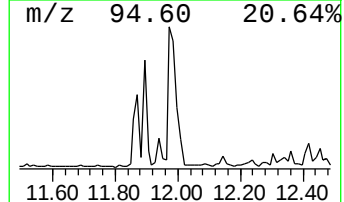
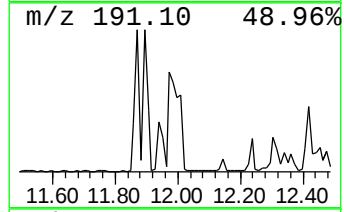
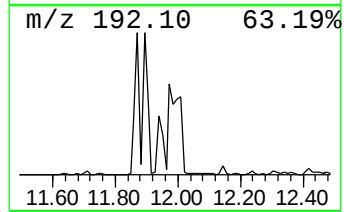
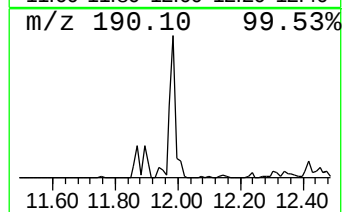
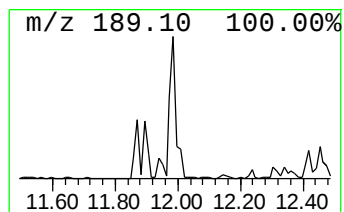
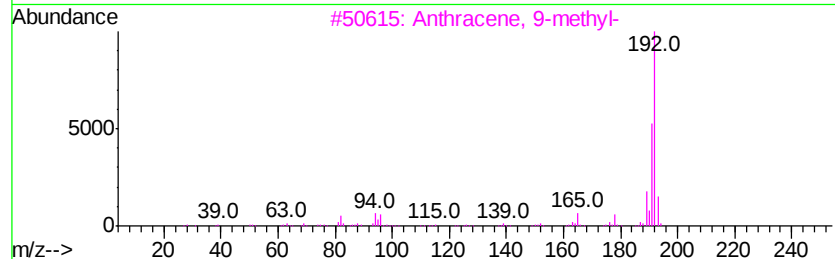
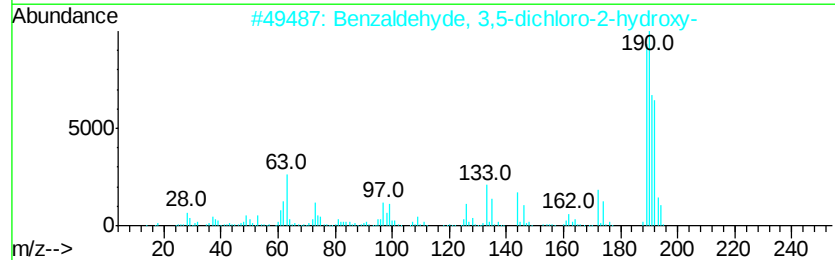
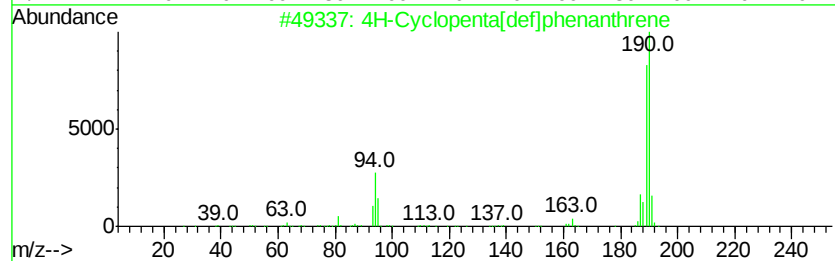
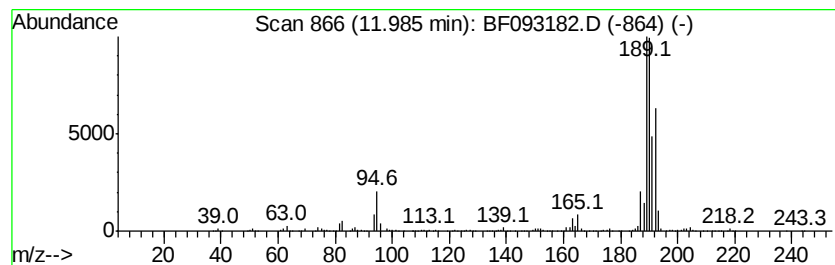
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.99	8.32 ng	3347570	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	30
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093182.D
Acq On : 25 Feb 2017 10:16
Operator : SJ/MA
Sample : I1972-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

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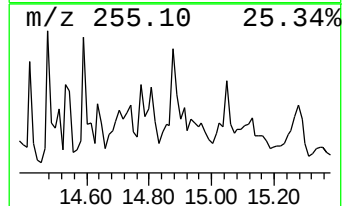
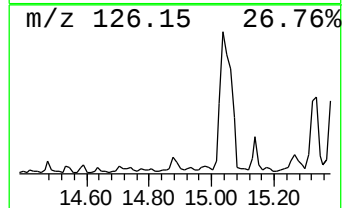
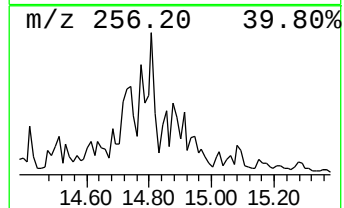
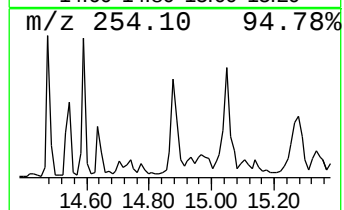
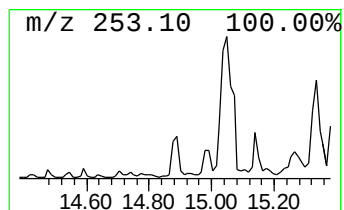
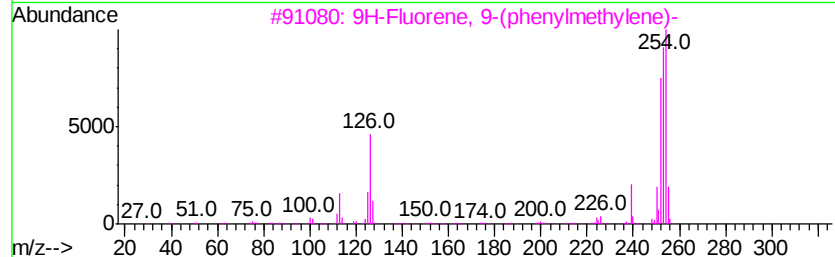
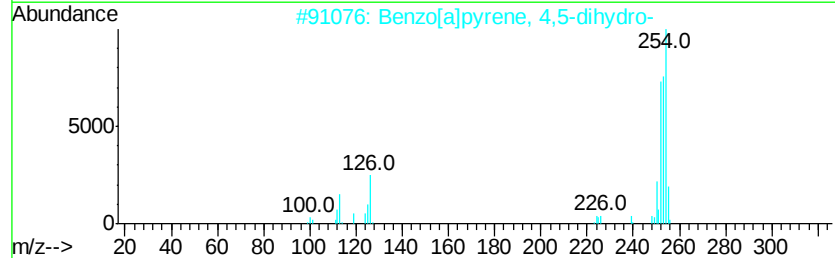
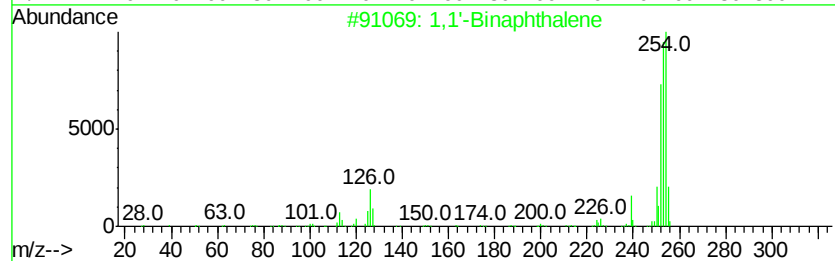
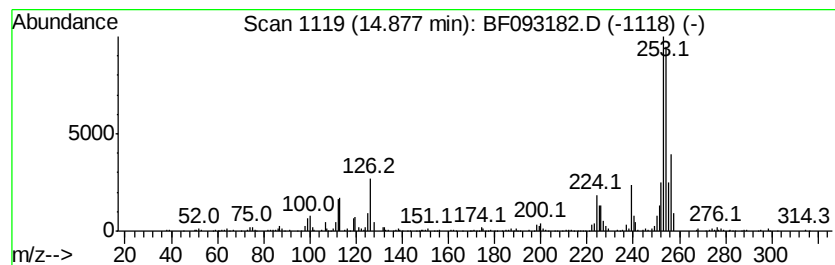
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,1'-Binaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	9.48 ng	373251	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	89
2		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	70
3		9H-Fluorene, 9-(phenylmethyl)-	254	C20H14	001836-87-9	68
4		1,2'-Binaphthalene	254	C20H14	004325-74-0	62
5		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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Operator : SJ/MA
Sample : I1972-06
Misc :
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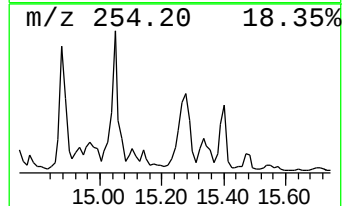
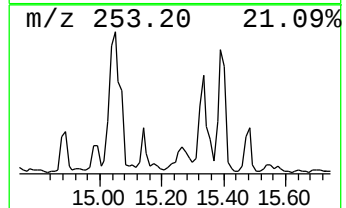
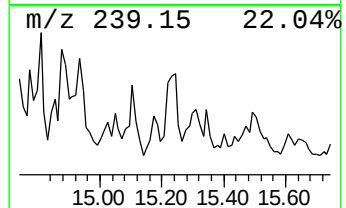
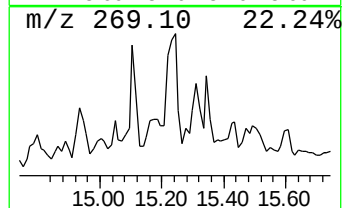
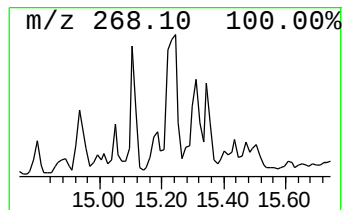
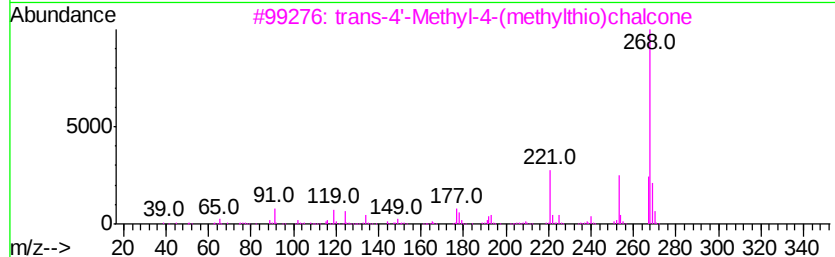
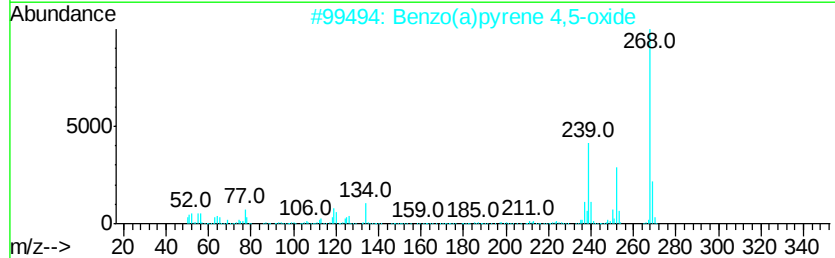
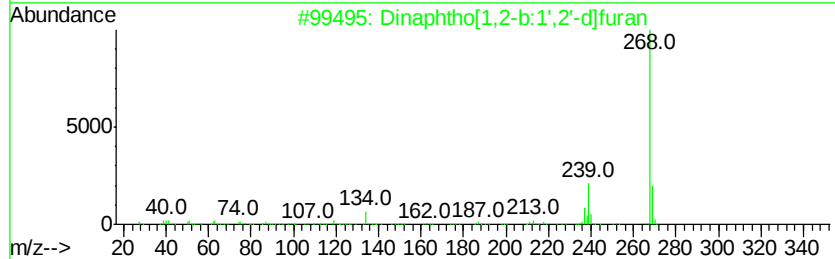
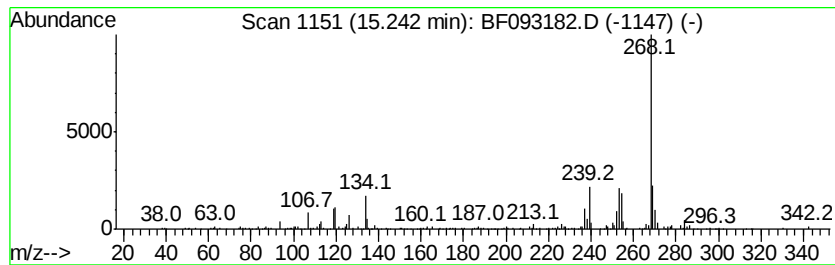
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	9.21 ng	362508	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dinaphtho[1,2-b:1',2'-d]furan	268 C20H12O	000207-93-2 70
2		Benzo(a)pyrene 4,5-oxide	268 C20H12O	037574-47-3 68
3		trans-4'-Methyl-4-(methylthio)ch...	268 C17H16OS	126443-27-4 58
4		trans-4,4'-Dimethoxychalcone	268 C17H16O3	041564-67-4 53
5		trans-3'-Methyl-4-(methylthio)ch...	268 C17H16OS	131316-14-8 53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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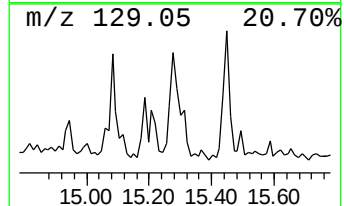
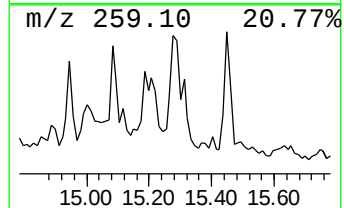
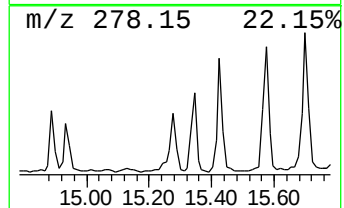
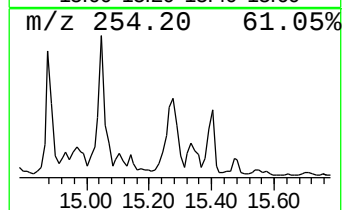
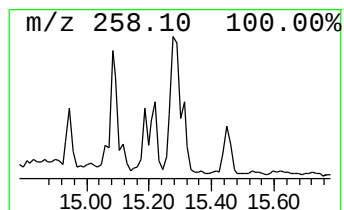
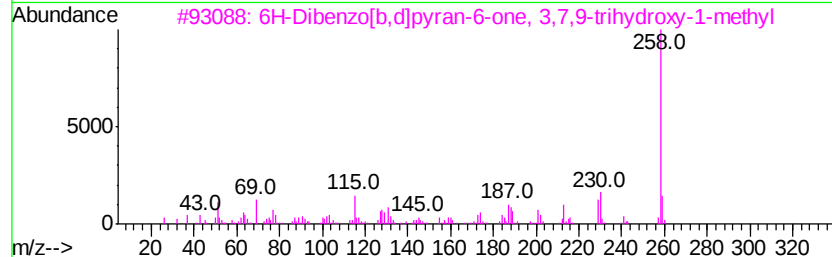
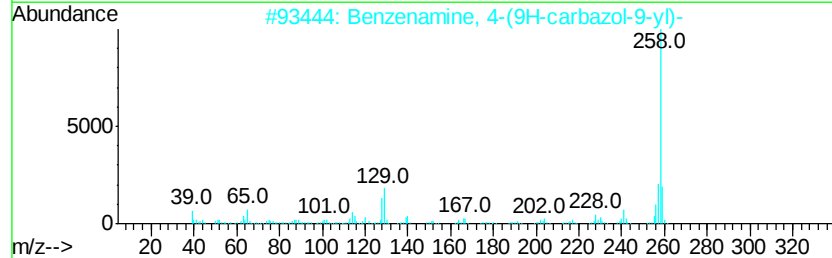
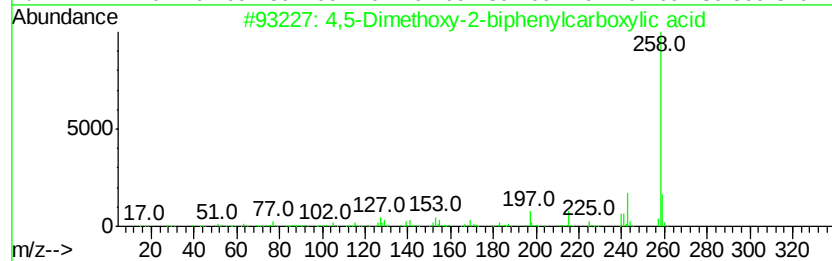
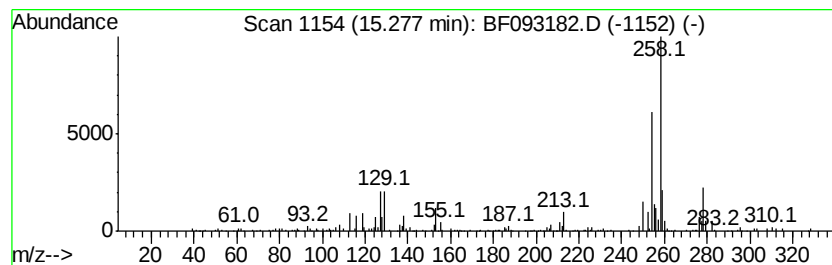
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown15.28 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.28	9.08 ng	357389	Perylene-d12	15.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dimethoxy-2-biphenylcarboxyl...	258	C15H14O4	162137-38-4	38	
2	Benzenamine, 4-(9H-carbazol-9-yl)-	258	C18H14N2	052708-37-9	32	
3	6H-Dibenzo[b,d]pyran-6-one, 3,7,...	258	C14H10O5	000641-38-3	27	
4	4-Guanidino-3-nitrophenyl methyl...	258	C8H10N4O4S	1000214-45-0	27	
5	2-p-Chlorostyryl isonicotinamide	258	C14H11ClN2O	1000251-47-9	22	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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Acq On : 25 Feb 2017 10:16
Operator : SJ/MA
Sample : I1972-06
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ALS Vial : 35 Sample Multiplier: 1

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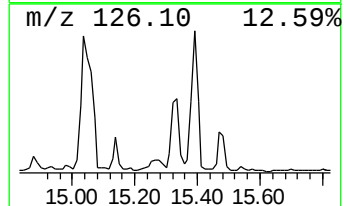
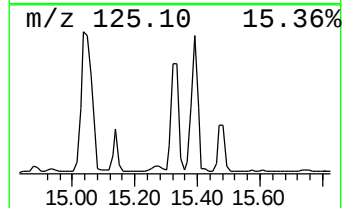
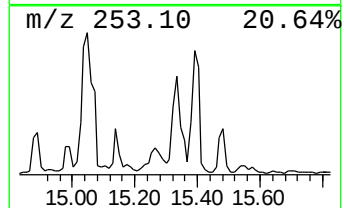
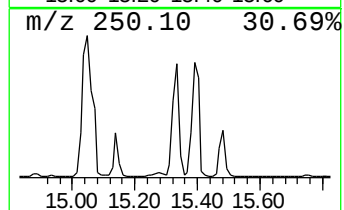
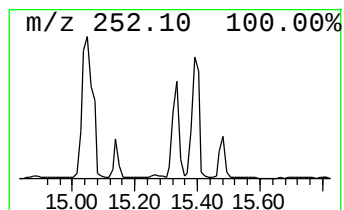
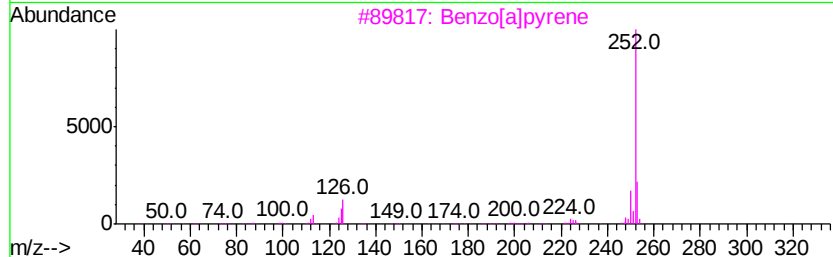
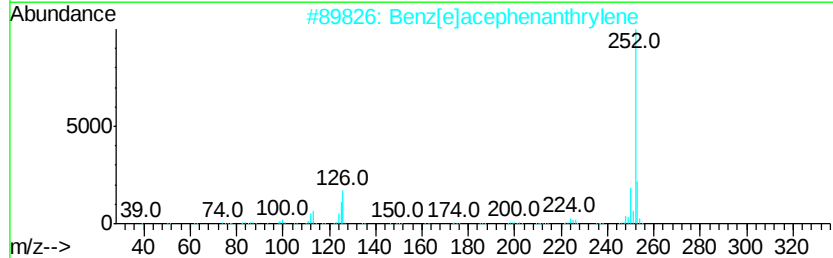
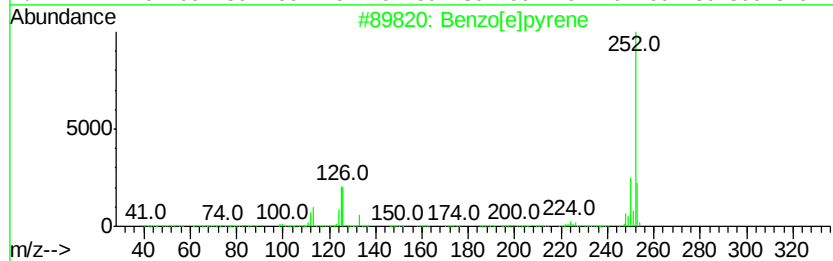
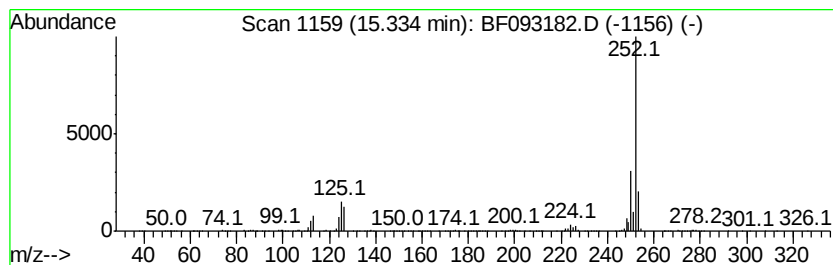
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	59.23 ng	2331210	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]bpvrene	252	C20H12	000192-97-2	94
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Benzo[a]bpvrene	252	C20H12	000050-32-8	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093182.D
Acq On : 25 Feb 2017 10:16
Operator : SJ/MA
Sample : I1972-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

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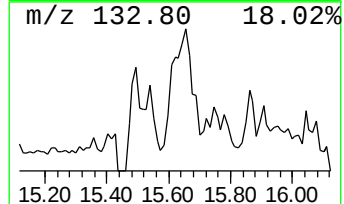
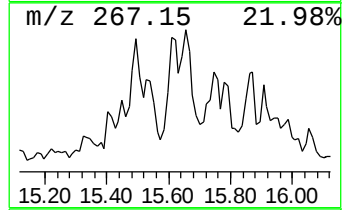
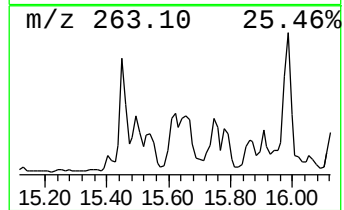
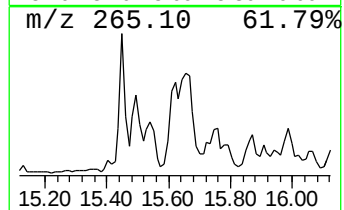
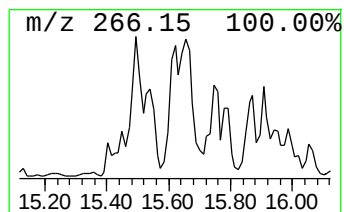
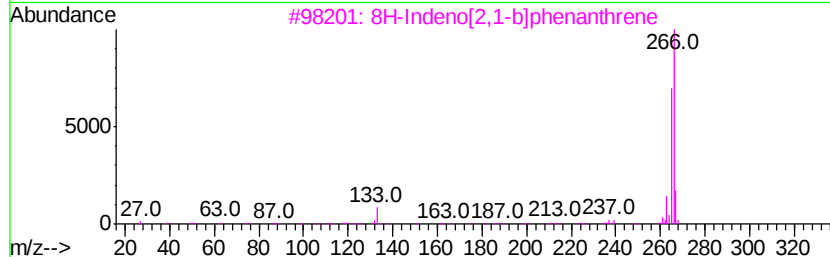
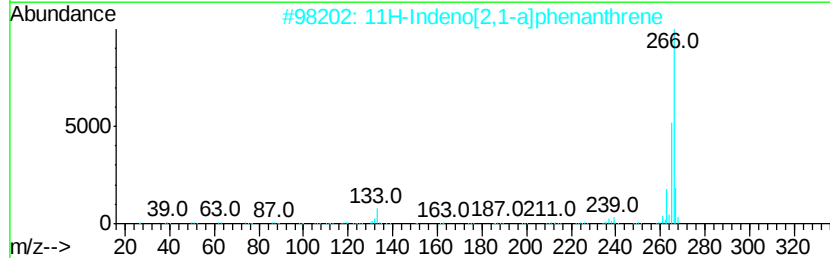
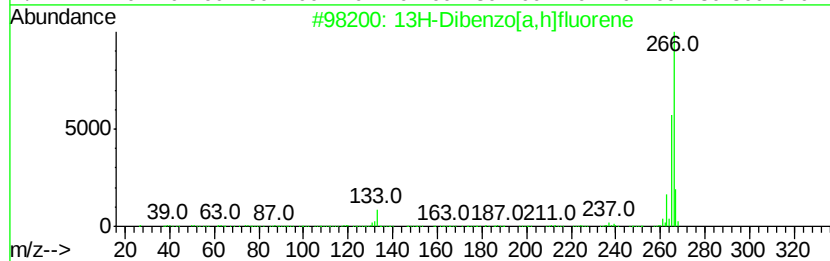
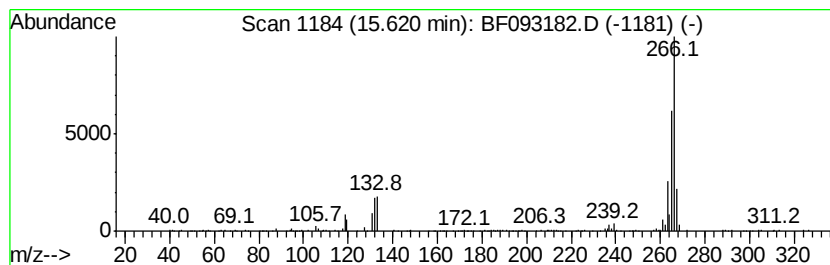
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 13H-Dibenzo[a,h]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	6.24 ng	245529	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	95
2		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	93
3		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	87
4		Benz[il]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	64
5		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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Acq On : 25 Feb 2017 10:16
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Sample : I1972-06
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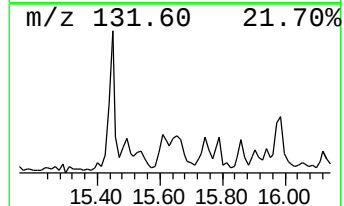
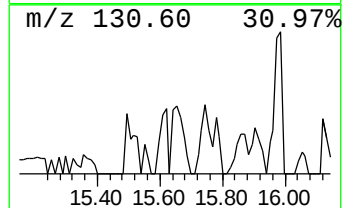
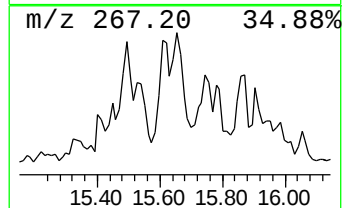
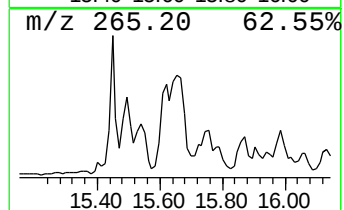
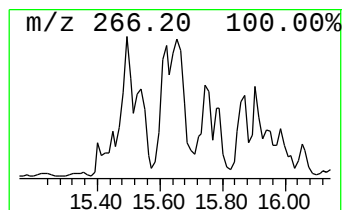
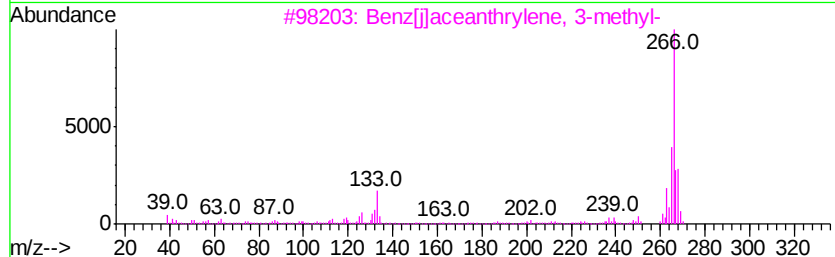
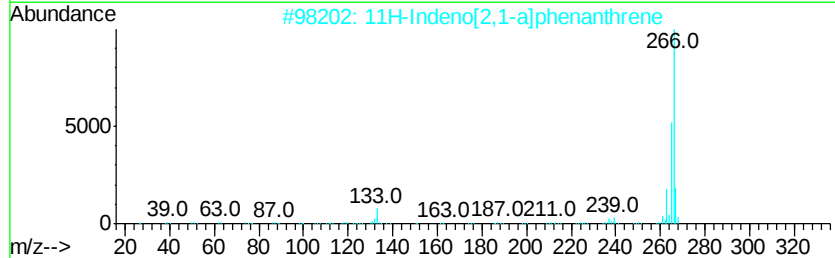
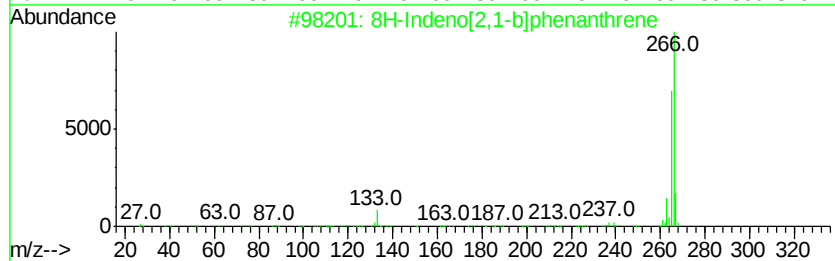
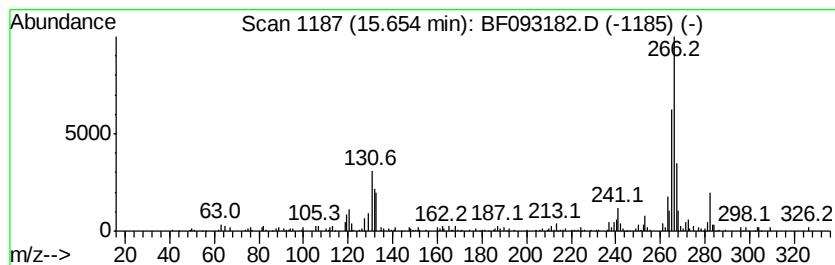
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 8H-Indeno[2,1-b]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.65	8.72 ng	343281	Perylene-d12	15.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	64	
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	60	
3	Benz[ilaceanthrylene, 3-methyl-	266	C21H14	003343-10-0	58	
4	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	52	
5	1-Benzothieno[3,2-f]quinazoline-...	266	C14H10N4S	065642-92-4	47	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093182.D
Acq On : 25 Feb 2017 10:16
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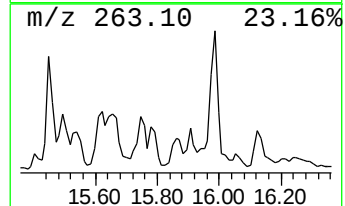
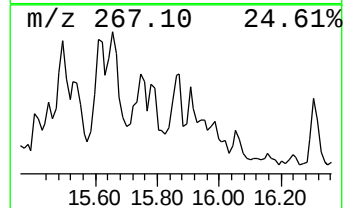
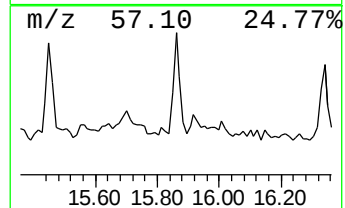
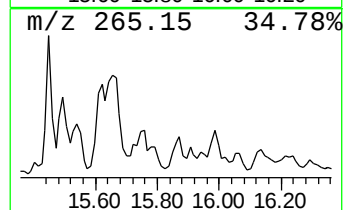
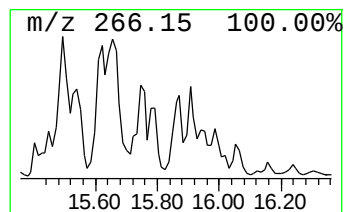
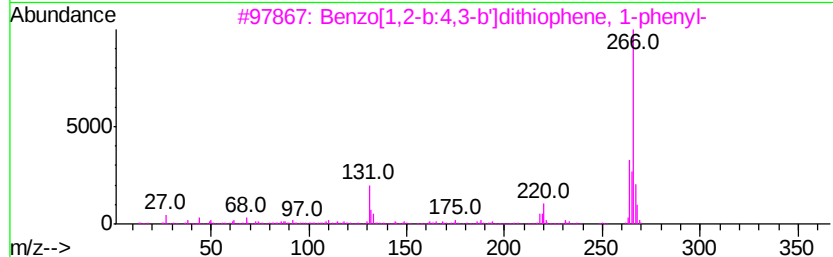
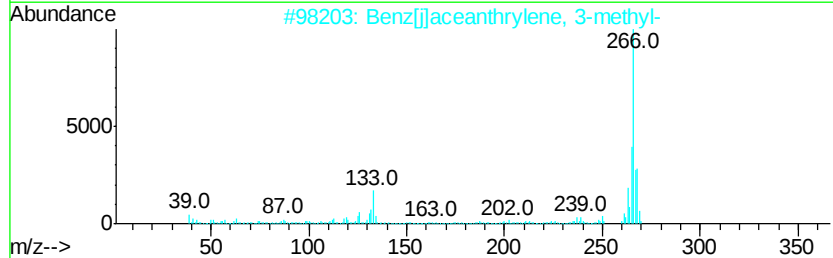
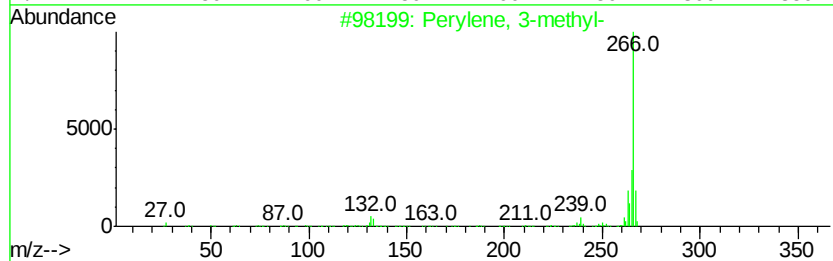
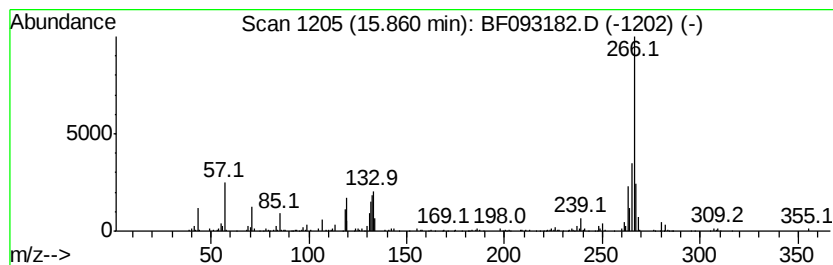
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Perylene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	6.80 ng	267460	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene, 3-methyl-	266	C21H14	024471-47-4	86
2		Benz[ilaceanthrylene, 3-methyl-	266	C21H14	003343-10-0	83
3		Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	50
4		Thiazole, 4-(4-methylphenyl)-2-p...	266	C16H14N2S	093020-56-5	46
5		2-Isoxazoline-3-carboxamide, N,5...	266	C16H14N2O2	1000294-15-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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Acq On : 25 Feb 2017 10:16
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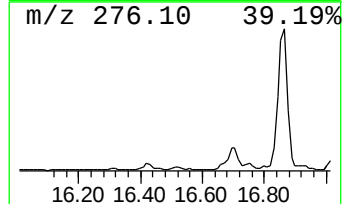
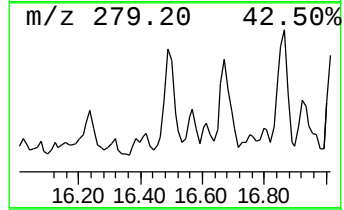
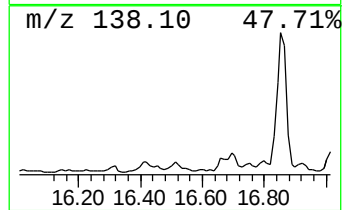
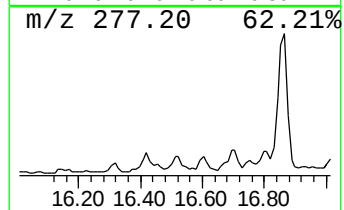
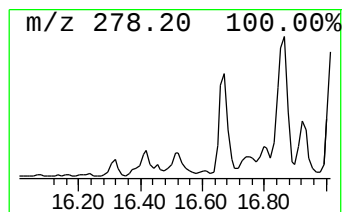
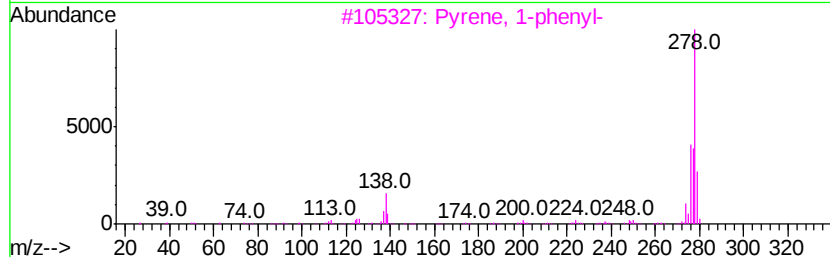
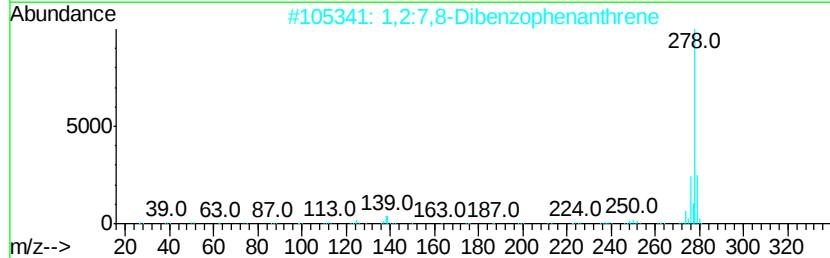
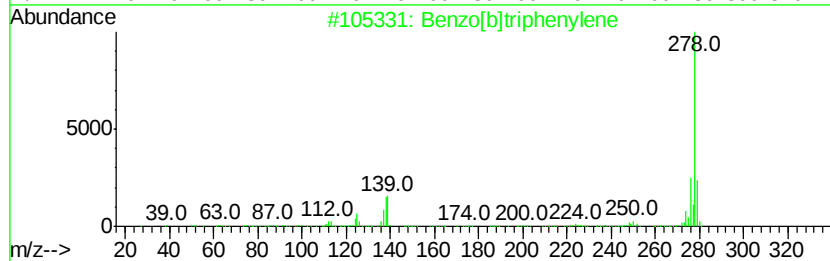
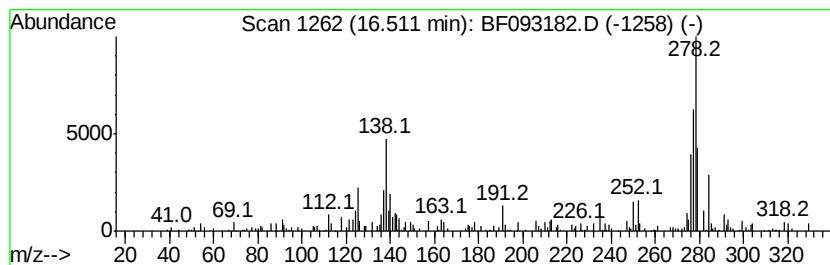
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.51 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.51	9.10 ng	358012	Perylene-d12	15.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	41
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	38
3	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	35
4	4-Phosphaspiro[2.4]hept-5-ene, 4...	278	C19H19P	1000161-67-8	35
5	2-Methyl-4,6-di(2-hydroxyphenyl)...	278	C17H14N2O2	1000070-55-8	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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Acq On : 25 Feb 2017 10:16
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Misc :
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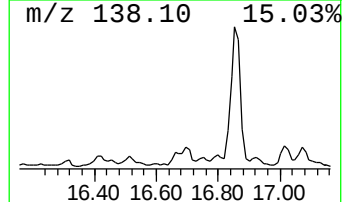
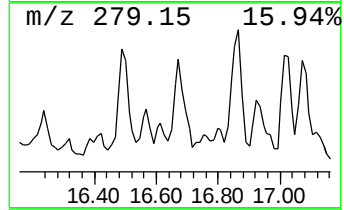
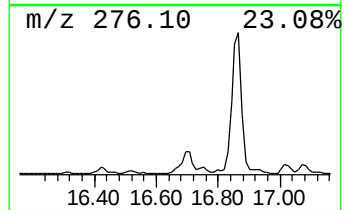
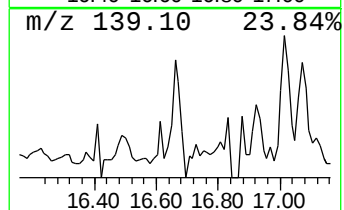
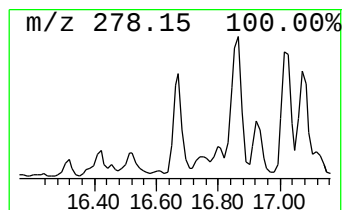
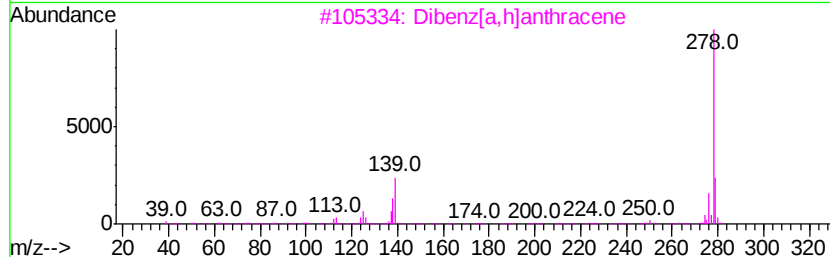
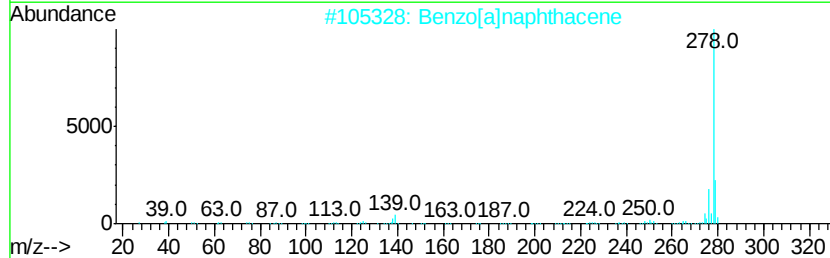
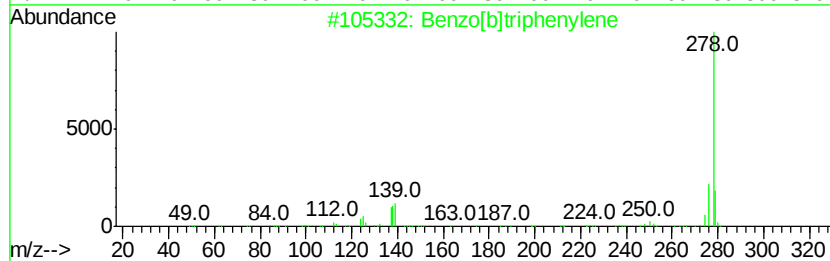
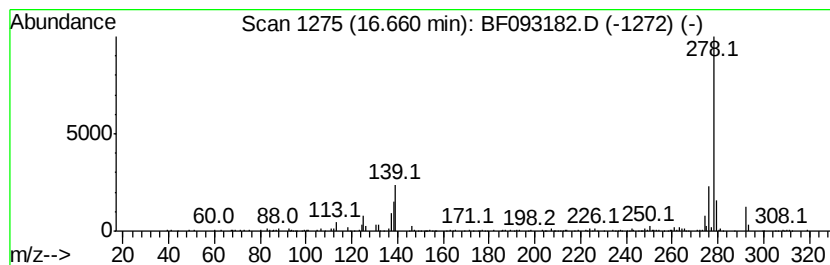
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	6.94 ng	273232	Perylene-d12	15.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	70
2			Benzo[a]naphthacene	278	C22H14	000226-88-0	70
3			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	62
4			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	58
5			Pentacene	278	C22H14	000135-48-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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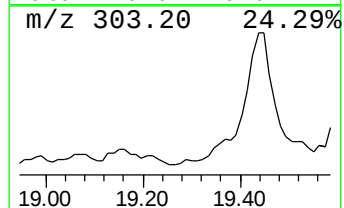
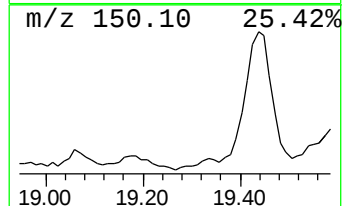
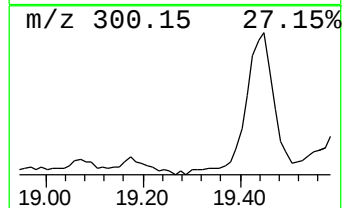
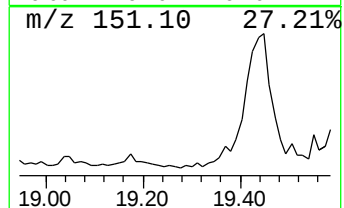
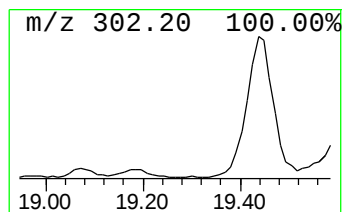
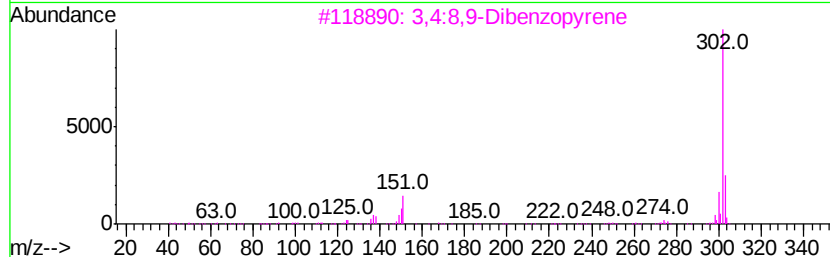
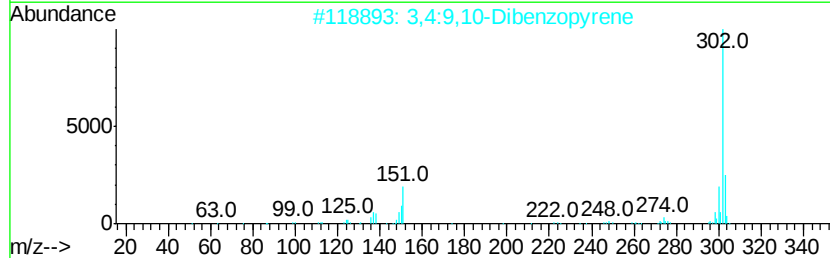
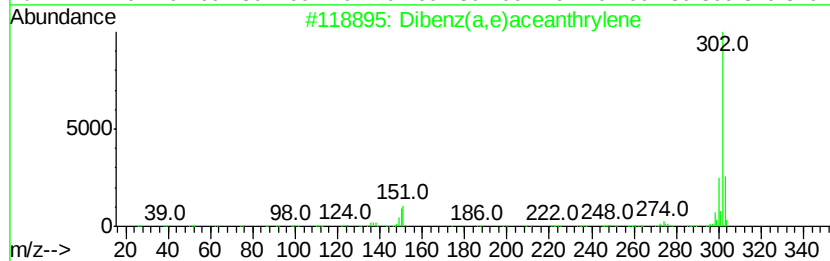
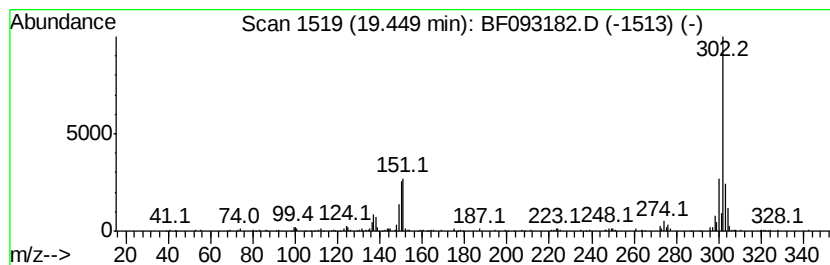
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	14.30 ng	562770	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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 Acq On : 25 Feb 2017 10:16
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 Sample : I1972-06
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	46.6	ng	2151200	1	6.83	922616	20.0
unknown6.60	6.60	89.3	ng	4121750	1	6.83	922616	20.0
Naphthalene, 2,3-...	9.54	8.1	ng	511539	3	9.87	1257300	20.0
Naphthalene, 1,6,...	10.28	6.4	ng	400075	3	9.87	1257300	20.0
Benzene, [1-(2,4-...	10.49	8.0	ng	500395	3	9.87	1257300	20.0
4H-Cyclopenta[def...	11.99	8.3	ng	3347570	4	11.37	8047130	20.0
1,1'-Binaphthalene	14.88	9.5	ng	373251	6	15.45	787105	20.0
Dinaphtho[1,2-b:1...	15.24	9.2	ng	362508	6	15.45	787105	20.0
unknown15.28	15.28	9.1	ng	357389	6	15.45	787105	20.0
Benzo[e]pyrene	15.33	59.2	ng	2331210	6	15.45	787105	20.0
13H-Dibenzo[a,h]f...	15.62	6.2	ng	245529	6	15.45	787105	20.0
8H-Indeno[2,1-b]p...	15.65	8.7	ng	343281	6	15.45	787105	20.0
Perylene, 3-methyl-	15.86	6.8	ng	267460	6	15.45	787105	20.0
unknown16.51	16.51	9.1	ng	358012	6	15.45	787105	20.0
Benzo[b]triphenylene	16.66	6.9	ng	273232	6	15.45	787105	20.0
Dibenz(a,e)aceant...	19.45	14.3	ng	562770	6	15.45	787105	20.0