

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092844.D
 Acq On : 7 Feb 2017 22:35
 Operator : SJ/MA
 Sample : I1728-01
 Misc :
 ALS Vial : 23 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	5.081	259	262	272	rBV	1065796	1545666	5.93%	0.362%
2	5.516	297	300	302	rBV	3134151	3443277	13.22%	0.806%
3	6.544	387	390	393	rVB	2747712	3445090	13.22%	0.806%
4	6.681	399	402	404	rBV	2848829	3620477	13.90%	0.847%
5	6.910	419	422	424	rBV	637493	869158	3.34%	0.203%
6	7.059	433	435	439	rVB2	2447571	2805008	10.77%	0.656%
7	7.470	468	471	473	rVB	2169894	2060555	7.91%	0.482%
8	8.224	532	537	539	rBV	4777253	7542579	28.95%	1.765%
9	8.270	539	541	543	rVV	952337	1101055	4.23%	0.258%
10	8.910	594	597	599	rVV	3831695	3893992	14.95%	0.911%
11	9.002	603	605	607	rVB	2458510	2898165	11.12%	0.678%
12	9.265	625	628	630	rVB	3209669	3306329	12.69%	0.774%
13	9.367	635	637	639	rVB	2363050	1940877	7.45%	0.454%
14	9.459	639	645	648	rVB2	674822	1116054	4.28%	0.261%
15	9.527	648	651	653	rBV	1375526	2042767	7.84%	0.478%
16	9.607	655	658	659	rBV	1978304	2055978	7.89%	0.481%
17	9.630	659	660	662	rVV	1235248	1029716	3.95%	0.241%
18	9.722	665	668	671	rBV	995548	1144619	4.39%	0.268%
19	9.813	673	676	678	rVB2	948566	1264696	4.85%	0.296%
20	9.939	683	687	689	rBV2	1272196	2371171	9.10%	0.555%
21	9.996	689	692	693	rVV	7087028	10423016	40.01%	2.439%
22	10.110	699	702	704	rBV	1020788	1323636	5.08%	0.310%
23	10.168	704	707	708	rVV	4399925	6781975	26.03%	1.587%
24	10.373	721	725	727	rBV3	483153	1025054	3.93%	0.240%
25	10.510	734	737	739	rVV	6478035	9935369	38.14%	2.325%
26	10.590	739	744	745	rVV3	2421094	6076410	23.32%	1.422%
27	10.659	745	750	752	rVV3	2663011	5061296	19.43%	1.184%
28	10.739	753	757	759	rVV	3342980	5290944	20.31%	1.238%
29	10.785	759	761	763	rVB2	827805	963240	3.70%	0.225%
30	10.865	764	768	771	rVB3	2341088	3952099	15.17%	0.925%
31	10.933	771	774	775	rBV3	734168	1171410	4.50%	0.274%
32	11.048	780	784	785	rVV	2735663	3769105	14.47%	0.882%
33	11.070	785	786	788	rVV2	1055379	1489381	5.72%	0.349%
34	11.128	788	791	792	rVV2	1357079	1737194	6.67%	0.406%

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

35	11.196	792	797	800	rVV3	1395547	3709013	14.24%	0.868%
36	11.299	803	806	807	rVV2	1312603	2130441	8.18%	0.499%
37	11.333	807	809	813	rVB	3103063	4489449	17.23%	1.051%
38	11.493	816	823	825	rBV	7126739	23155338	88.88%	5.418%
39	11.539	825	827	829	rVV	5743099	7629164	29.29%	1.785%
40	11.676	836	839	843	rVV2	2018328	3807881	14.62%	0.891%
41	11.733	843	844	846	rVV	1808905	1669375	6.41%	0.391%
42	11.768	846	847	850	rVV2	624338	890958	3.42%	0.208%
43	11.939	859	862	864	rBV	2343831	4079363	15.66%	0.955%
44	11.973	864	865	867	rVB	3569288	3203136	12.30%	0.750%
45	12.031	867	870	871	rBV	1647408	2527235	9.70%	0.591%
46	12.065	871	873	876	rVB2	5503560	10086560	38.72%	2.360%
47	12.179	881	883	886	rVV3	569496	1241187	4.76%	0.290%
48	12.236	886	888	890	rVV	2400245	2179898	8.37%	0.510%
49	12.385	898	901	902	rVV2	1470981	2501504	9.60%	0.585%
50	12.419	902	904	905	rVV	1051335	1746527	6.70%	0.409%
51	12.488	908	910	912	rVV	1584009	2999898	11.52%	0.702%
52	12.533	912	914	917	rVV2	1582424	3532016	13.56%	0.826%
53	12.613	917	921	923	rVV2	1508010	3918852	15.04%	0.917%
54	12.693	923	928	930	rVV	7340900	24580206	94.35%	5.752%
55	12.728	930	931	934	rVV2	1377615	2337365	8.97%	0.547%
56	12.819	937	939	941	rVV	2320052	3250345	12.48%	0.761%
57	12.922	941	948	953	rVV3	7384299	26051401	100.00%	6.096%
58	13.014	953	956	961	rVV3	2940861	7323877	28.11%	1.714%
59	13.116	961	965	966	rVV2	2645019	5118221	19.65%	1.198%
60	13.231	970	975	976	rVV	4793066	10254193	39.36%	2.399%
61	13.299	976	981	982	rVV	4451552	8495206	32.61%	1.988%
62	13.334	982	984	987	rVV3	3220581	7280683	27.95%	1.704%
63	13.425	990	992	993	rVV	2028337	3528358	13.54%	0.826%
64	13.448	993	994	998	rVV2	2424322	4057027	15.57%	0.949%
65	13.505	998	999	1003	rVV2	959263	2621812	10.06%	0.613%
66	13.562	1003	1004	1005	rVV	849297	1011092	3.88%	0.237%
67	13.596	1005	1007	1008	rVV	1056063	1968850	7.56%	0.461%
68	13.642	1010	1011	1014	rVV3	1567587	2908855	11.17%	0.681%
69	13.699	1014	1016	1017	rVV	1613565	2641165	10.14%	0.618%
70	13.734	1017	1019	1022	rVV2	1584530	3731186	14.32%	0.873%
71	13.836	1025	1028	1030	rVV	2571973	5994395	23.01%	1.403%

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72	13.871	1030	1031	1032	rVV	2830330	3013156	11.57%	0.705%
73	13.894	1032	1033	1038	rVV3	2918132	6899799	26.49%	1.615%
74	14.008	1041	1043	1045	rVV	1216378	2449373	9.40%	0.573%
75	14.099	1045	1051	1052	rVV	5165131	14105750	54.15%	3.301%
76	14.145	1052	1055	1057	rVV	6234321	13317786	51.12%	3.116%
77	14.214	1057	1061	1063	rVV2	2953648	6406819	24.59%	1.499%
78	14.282	1065	1067	1068	rVV2	1188577	1997950	7.67%	0.468%
79	14.305	1068	1069	1072	rVV3	1647427	3206719	12.31%	0.750%
80	14.351	1072	1073	1074	rVV	1142406	1152235	4.42%	0.270%
81	14.408	1076	1078	1079	rVV	857183	1385639	5.32%	0.324%
82	14.442	1079	1081	1082	rVV	1328764	2186231	8.39%	0.512%
83	14.477	1082	1084	1085	rVV	2308646	3207280	12.31%	0.750%
84	14.511	1085	1087	1089	rVV3	1620285	2872456	11.03%	0.672%
85	14.568	1089	1092	1094	rVV3	1320498	3598633	13.81%	0.842%
86	14.625	1094	1097	1098	rVV2	1944683	4026928	15.46%	0.942%
87	14.659	1098	1100	1103	rVV2	1045486	2239547	8.60%	0.524%
88	14.785	1108	1111	1116	rVV3	1107219	2946821	11.31%	0.690%
89	14.968	1124	1127	1130	rVV2	766869	1605287	6.16%	0.376%
90	15.151	1138	1143	1146	rVV2	4074374	13174766	50.57%	3.083%
91	15.242	1149	1151	1153	rVV	1124346	1331395	5.11%	0.312%
92	15.322	1156	1158	1161	rBV	440019	897341	3.44%	0.210%
93	15.437	1165	1168	1171	rVB	2456879	4612884	17.71%	1.079%
94	15.505	1171	1174	1176	rBV	3283054	5417959	20.80%	1.268%
95	15.585	1180	1181	1184	rVB2	1052584	1463083	5.62%	0.342%
96	15.688	1188	1190	1194	rBV2	445605	918943	3.53%	0.215%
97	16.671	1272	1276	1282	rVB4	280405	838047	3.22%	0.196%
98	17.002	1301	1305	1313	rVB	978871	2534221	9.73%	0.593%
99	17.437	1338	1343	1348	rVB	589788	1285782	4.94%	0.301%
100	17.540	1348	1352	1359	rVV5	324772	1115428	4.28%	0.261%

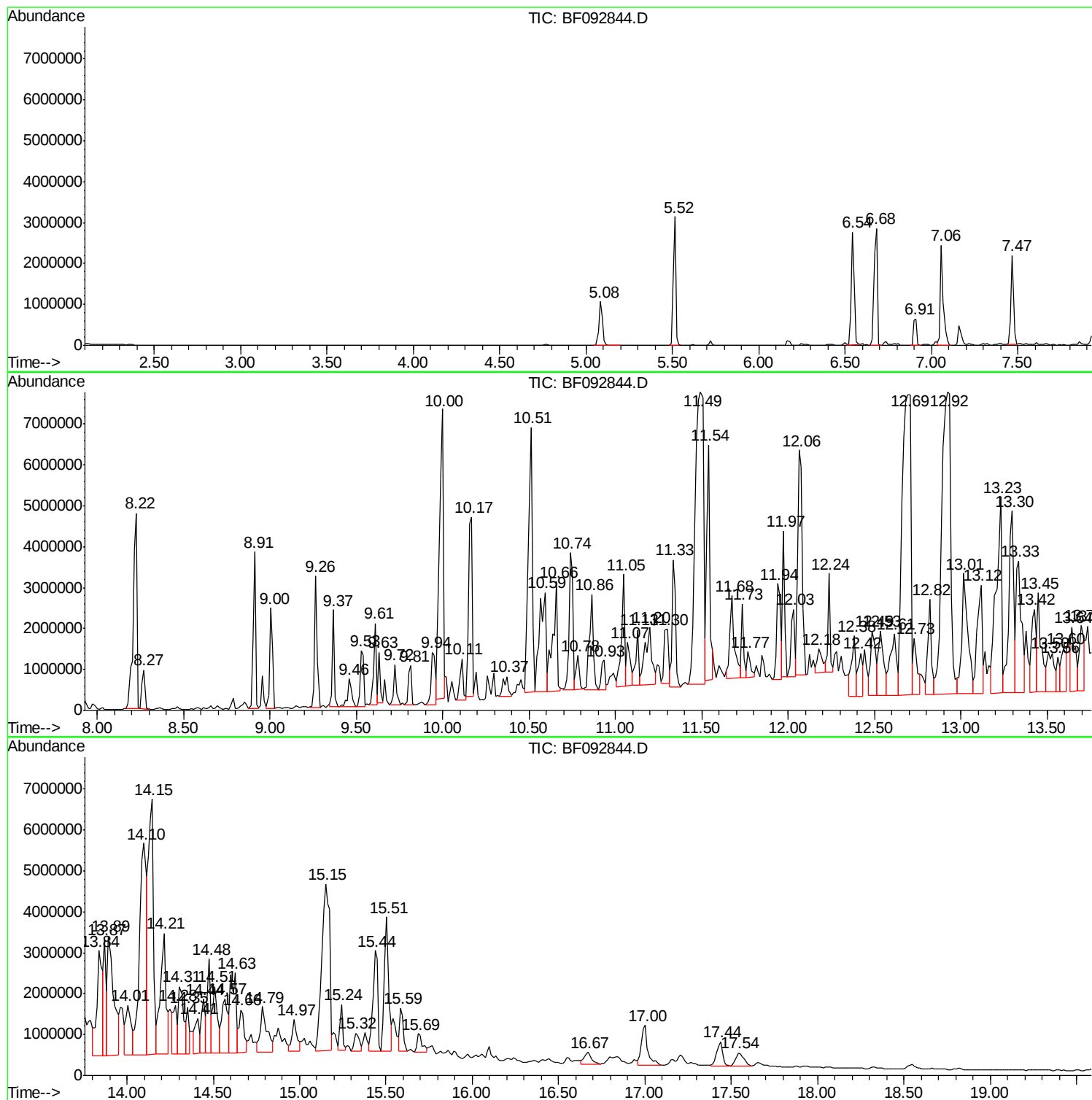
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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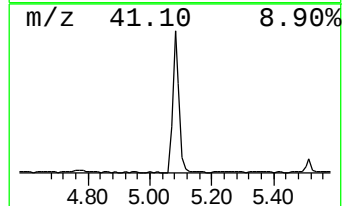
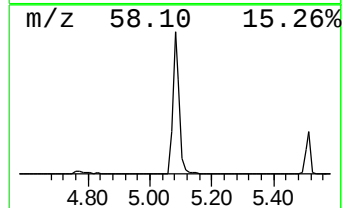
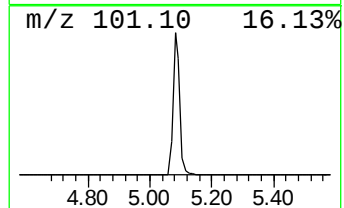
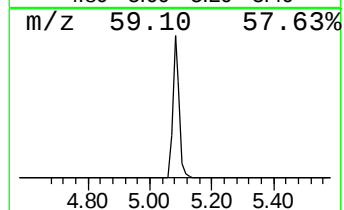
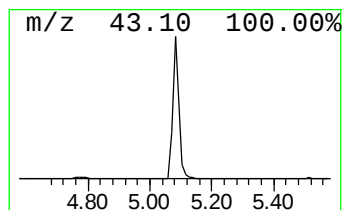
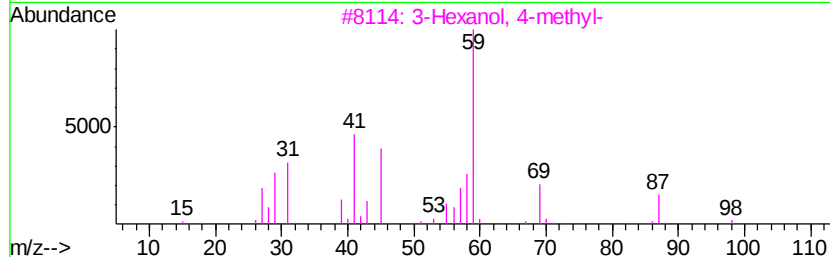
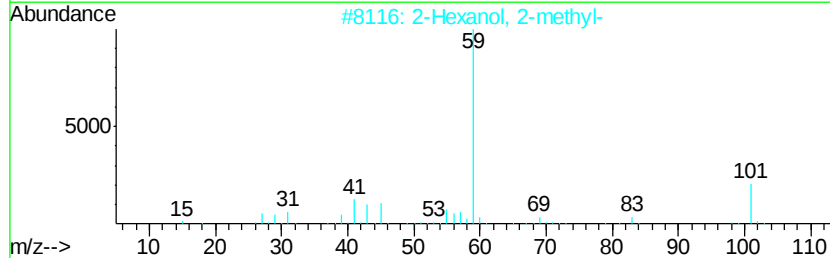
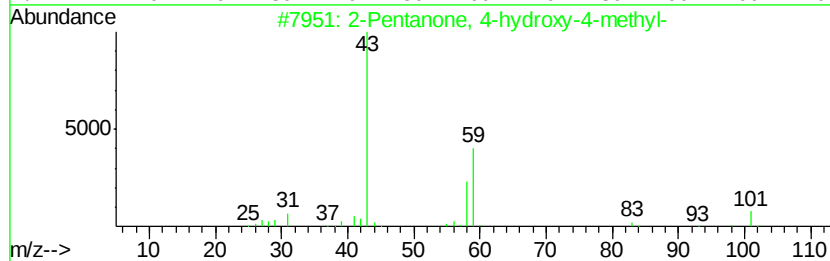
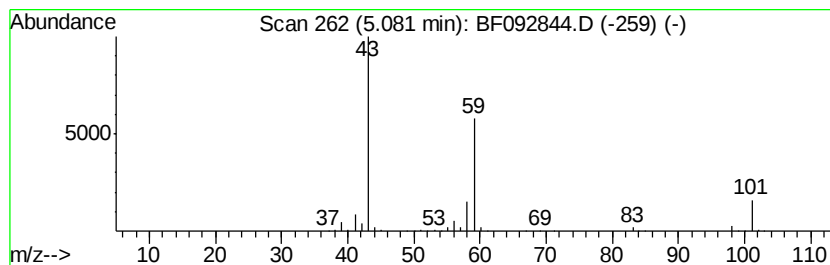
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	35.57 ng	1545670	1,4-Dichlorobenzene-d4	6.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5			Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9



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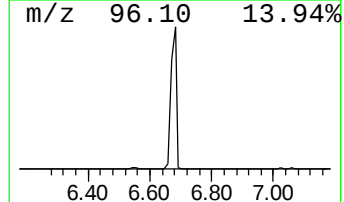
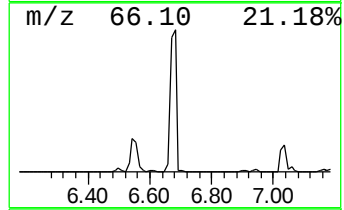
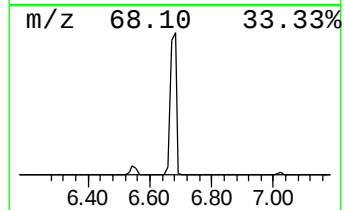
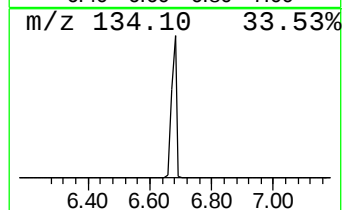
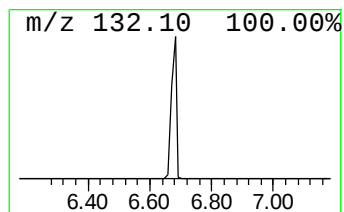
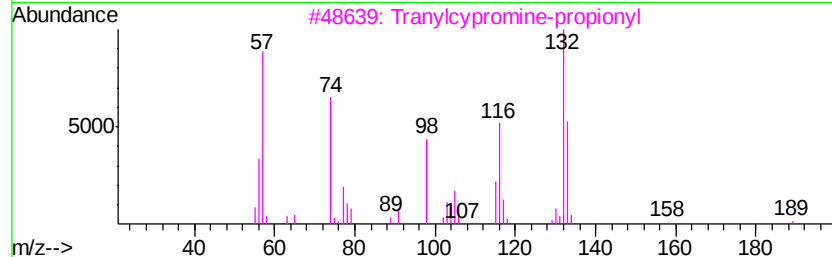
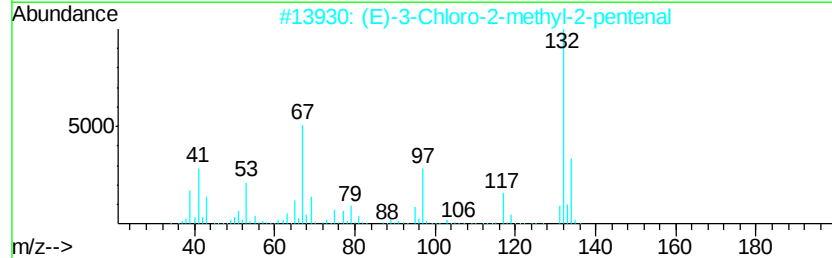
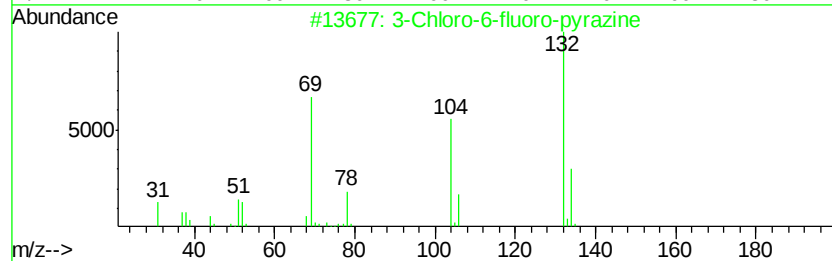
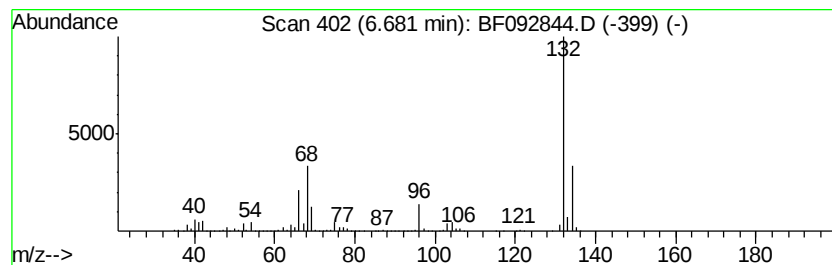
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	83.31 ng	3620480	1,4-Dichlorobenzene-d4	6.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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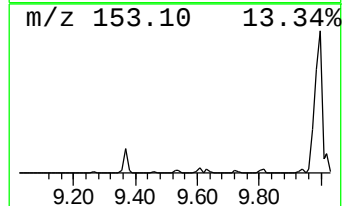
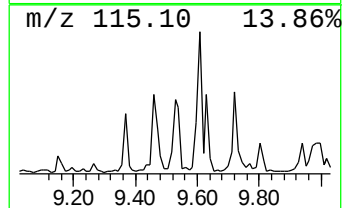
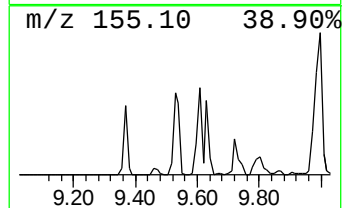
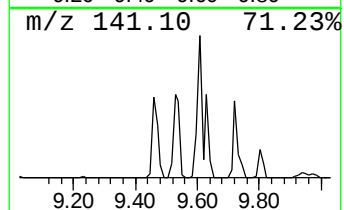
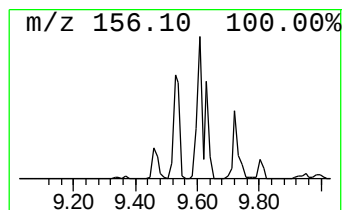
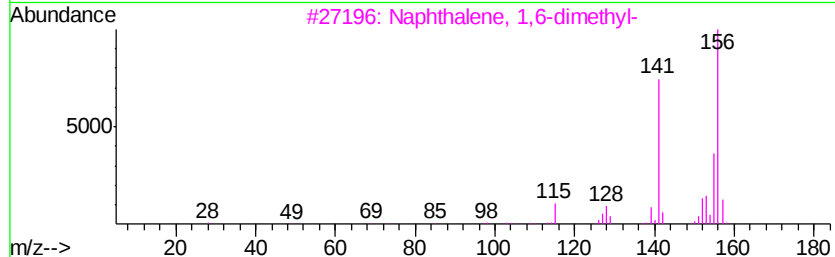
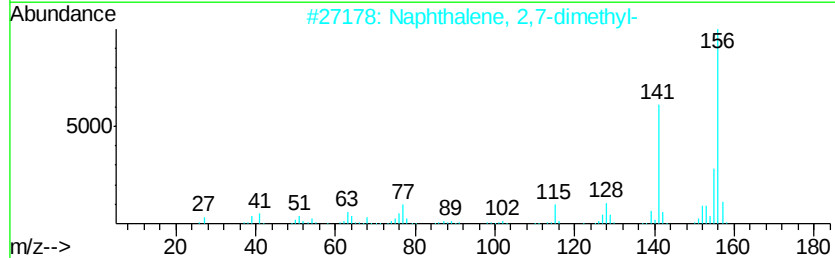
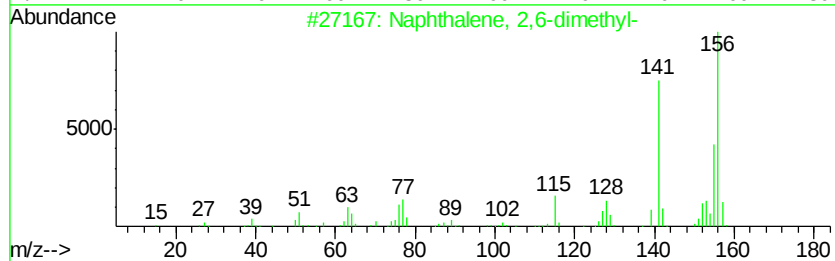
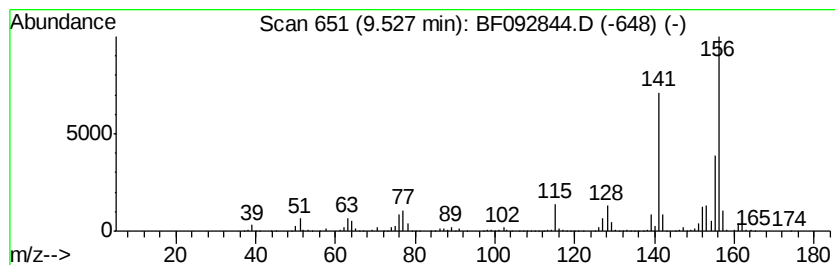
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	17.23 ng	2042770	Acenaphthene-d10	9.95

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	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092844.D
Acq On : 7 Feb 2017 22:35
Operator : SJ/MA
Sample : I1728-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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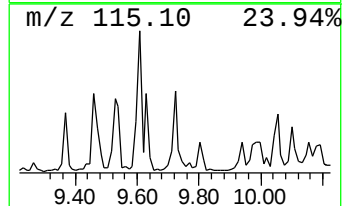
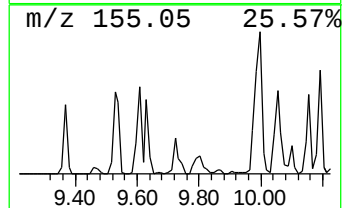
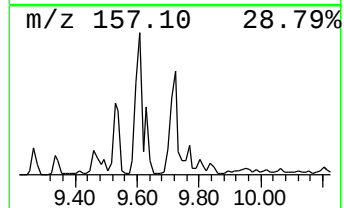
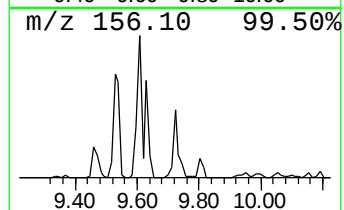
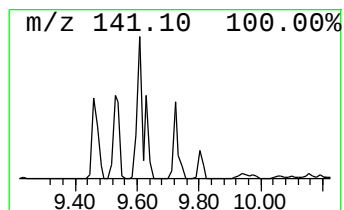
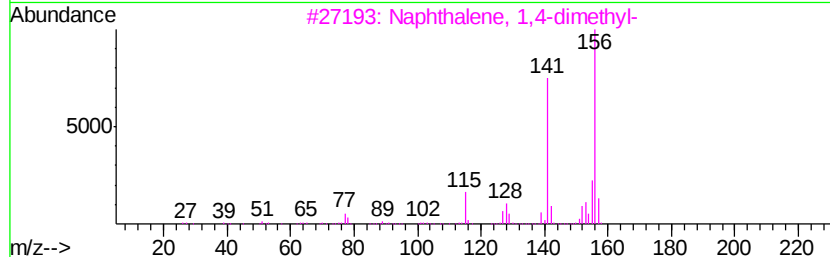
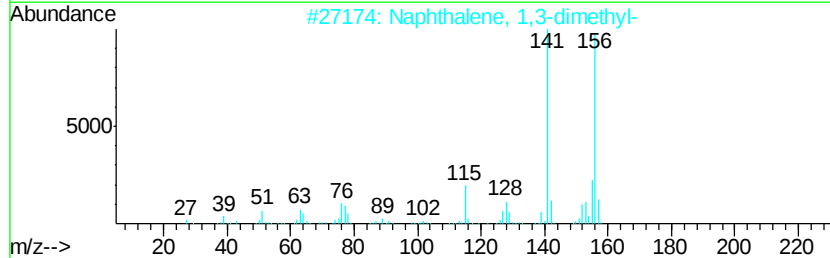
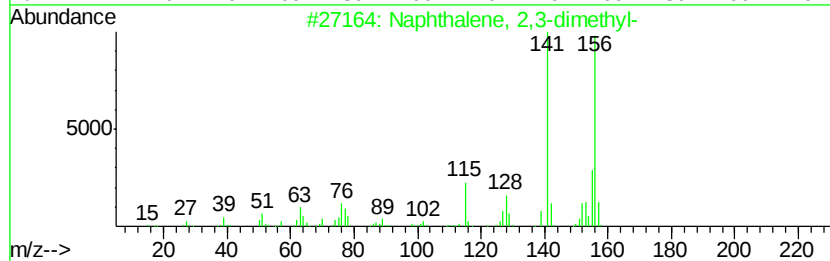
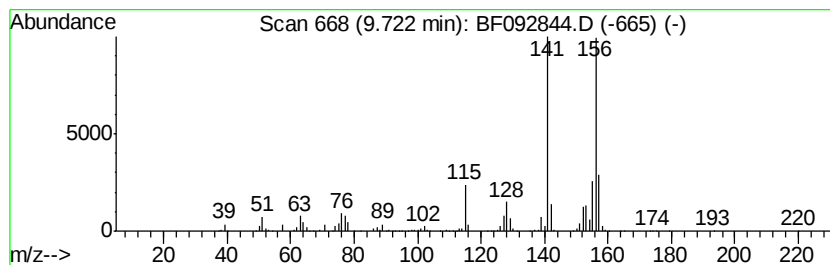
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	9.65 ng	1144620	Acenaphthene-d10	9.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
Data File : BF092844.D
Acq On : 7 Feb 2017 22:35
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ClientSampleId :
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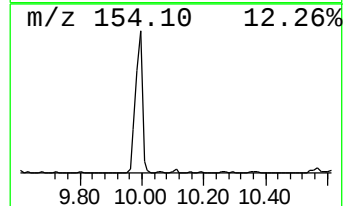
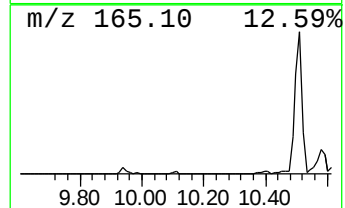
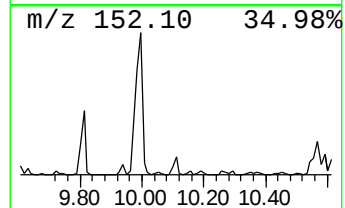
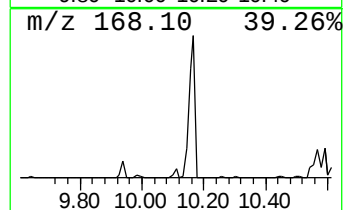
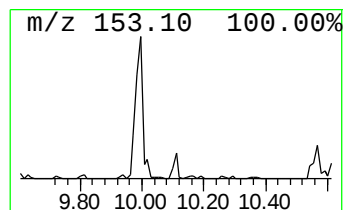
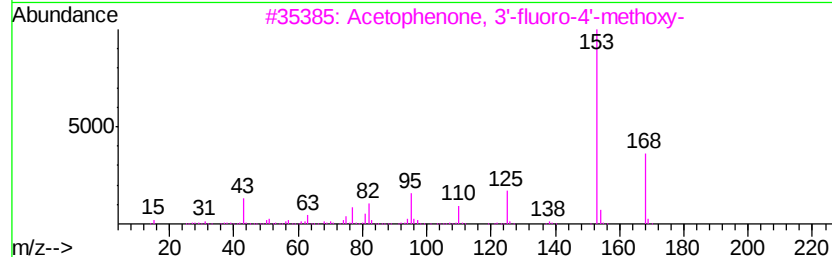
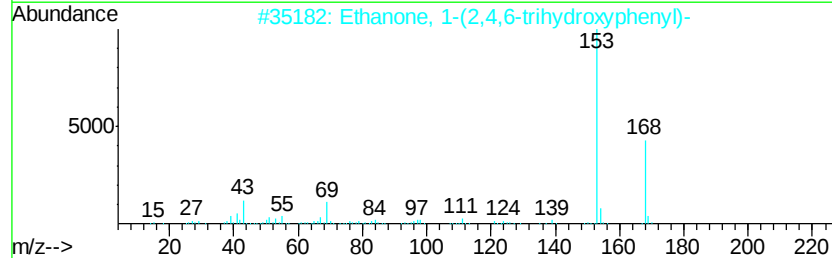
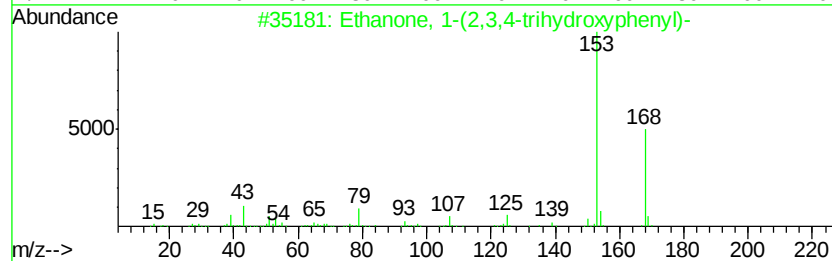
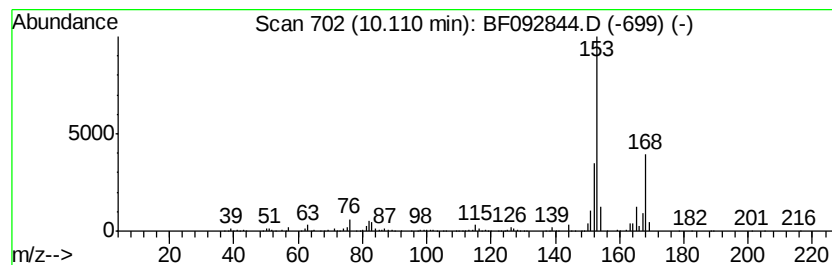
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethanone, 1-(2,3,4-trihydro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	11.16 ng	1323640	Acenaphthene-d10	9.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53
2			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	53
3			Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	53
4			2,4(1H,3H)-Pyrimidinedione, 5-(1...	168	C8H12N2O2	017432-97-2	53
5			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092844.D
Acq On : 7 Feb 2017 22:35
Operator : SJ/MA
Sample : I1728-01
Misc :
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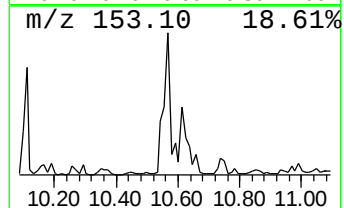
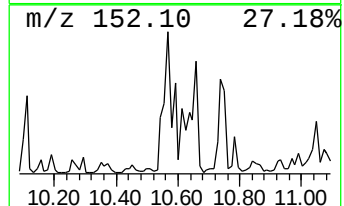
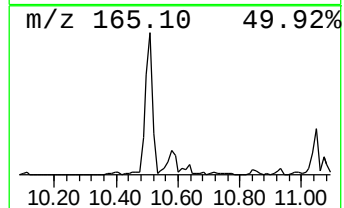
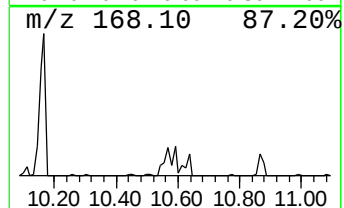
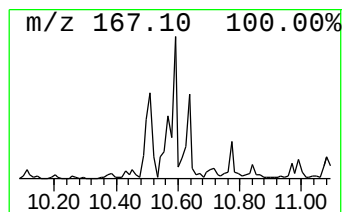
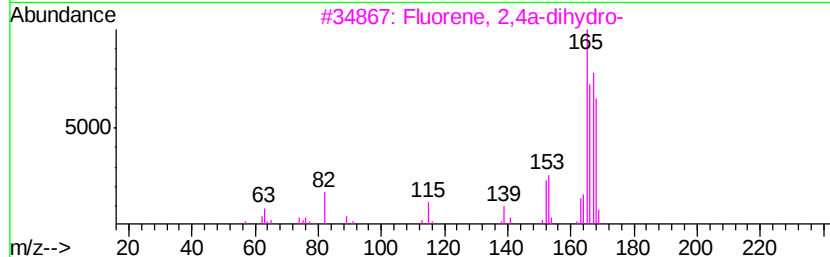
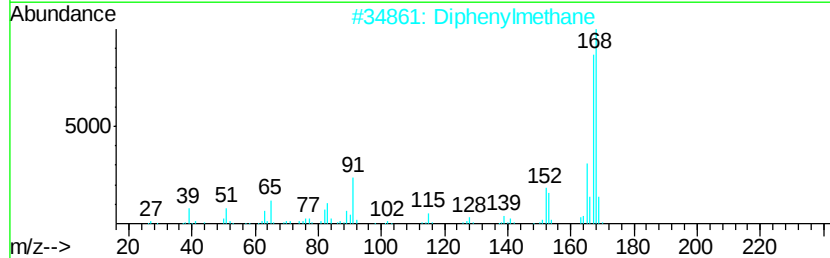
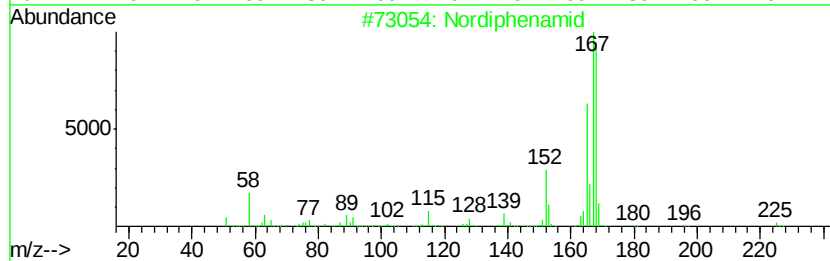
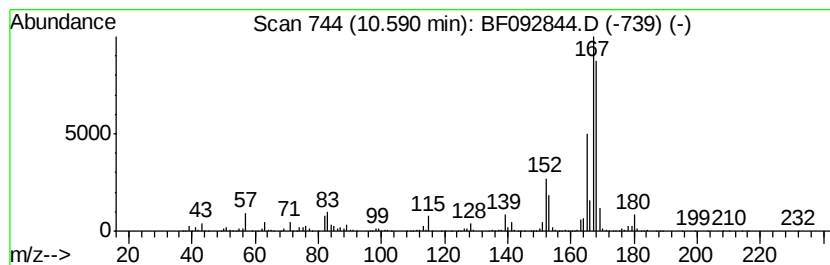
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nordiphenamid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	51.25 ng	6076410	Acenaphthene-d10	9.95
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		Fluorene, 2,4a-dihydro-	168 C13H12	059247-36-8 70
4		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 64
5		Fluorene, 1,4-dihydro-	168 C13H12	041593-21-9 58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
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Acq On : 7 Feb 2017 22:35
Operator : SJ/MA
Sample : I1728-01
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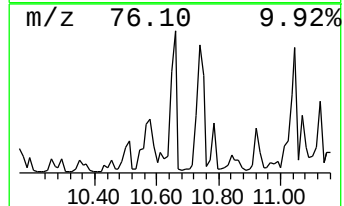
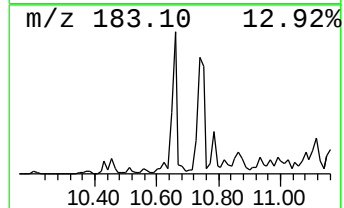
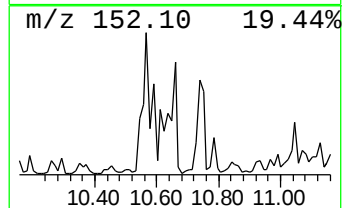
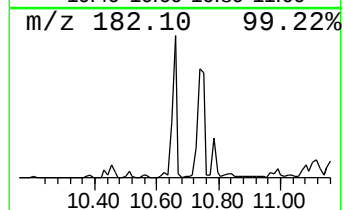
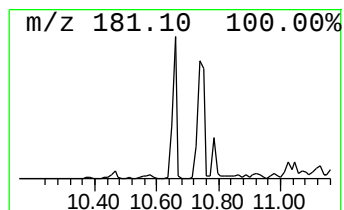
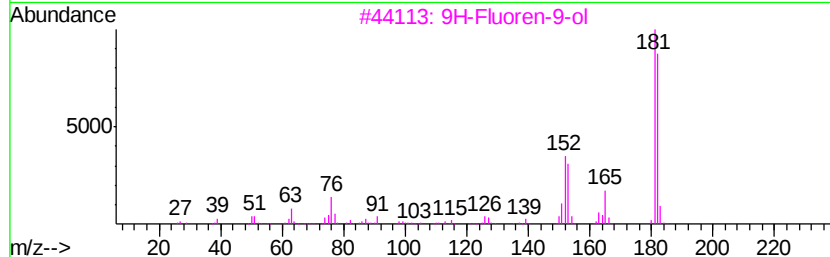
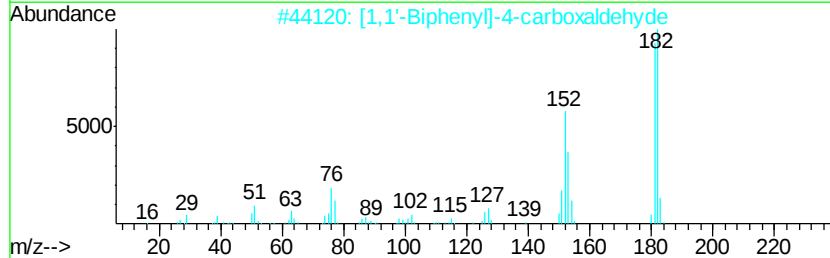
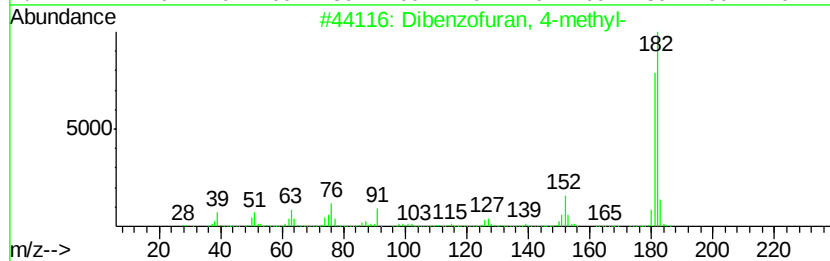
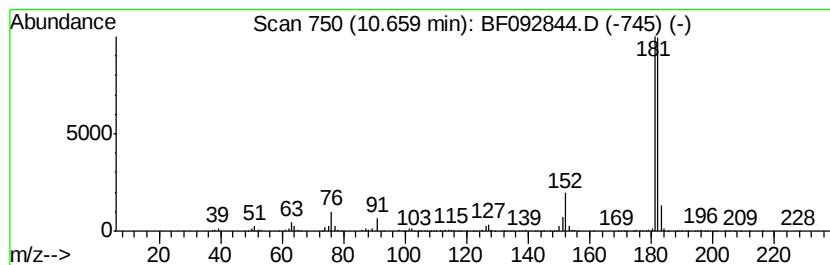
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	42.69 ng	5061300	Acenaphthene-d10	9.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
5	Pyridine, 4,4'-(1,2-ethenediyl)b...	182	C12H10N2	013362-78-2	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
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Instrument :
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ClientSampleId :
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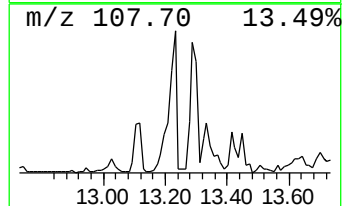
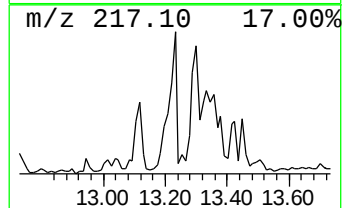
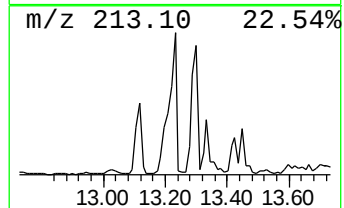
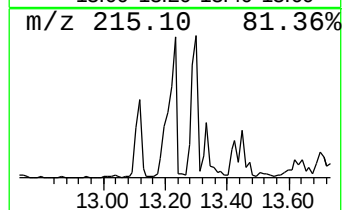
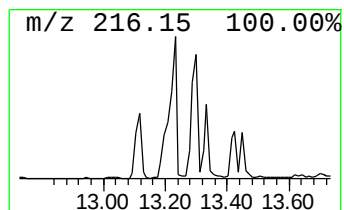
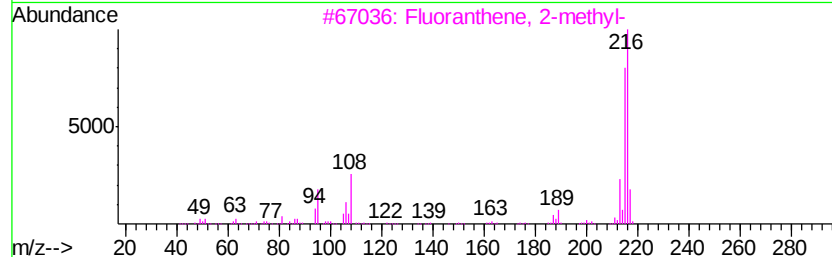
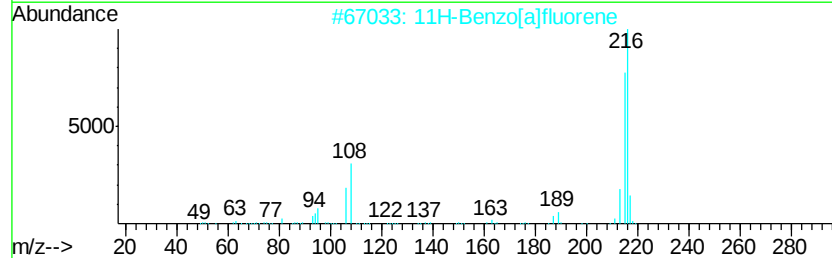
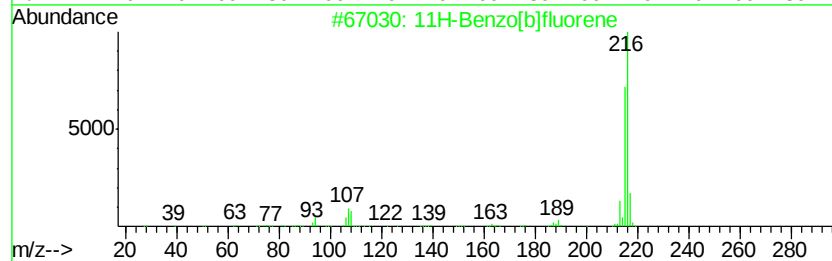
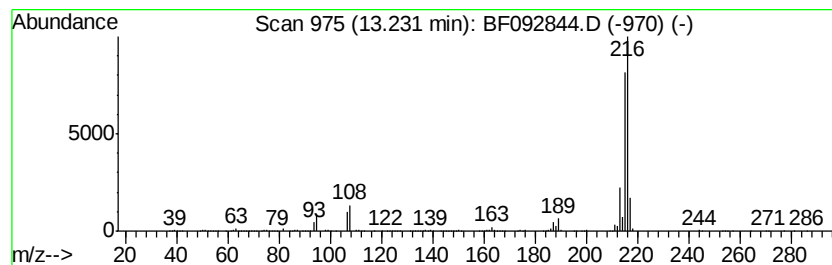
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	14.54 ng	10254200	Chrysene-d12	14.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	93
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
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ClientSampleId :
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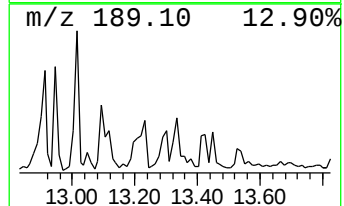
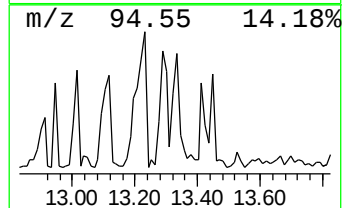
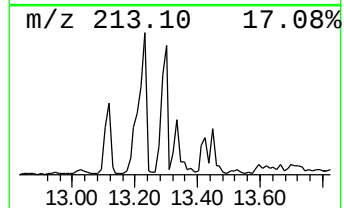
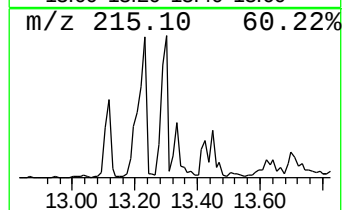
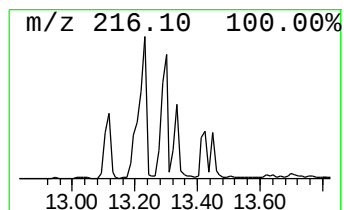
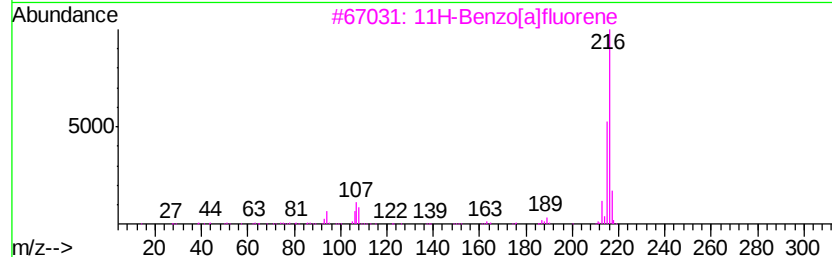
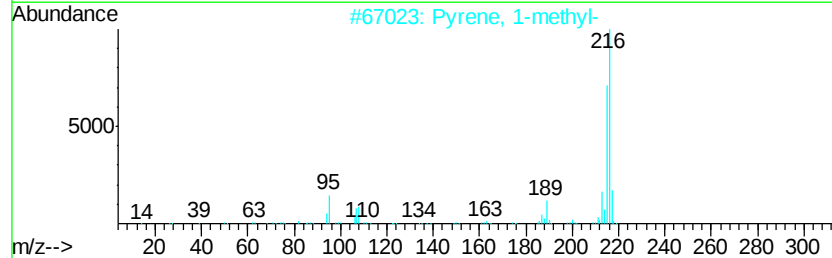
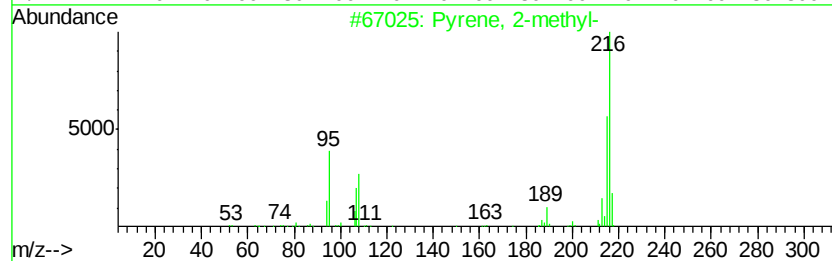
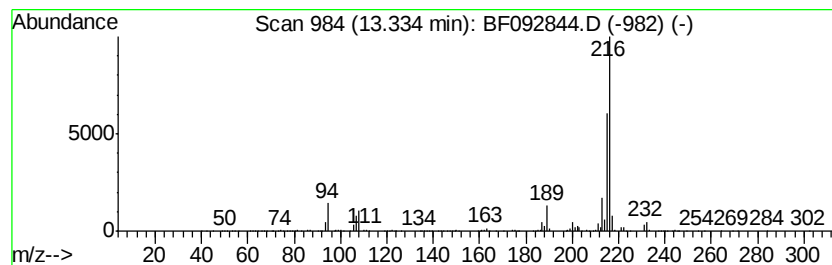
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	10.32 ng	7280680	Chrysene-d12	14.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092844.D
Acq On : 7 Feb 2017 22:35
Operator : SJ/MA
Sample : I1728-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

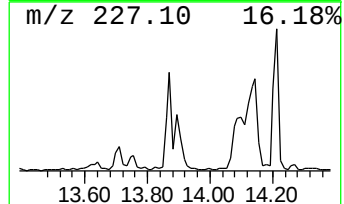
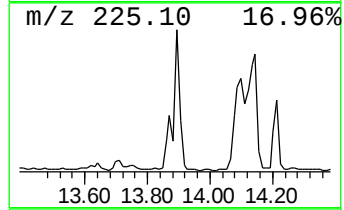
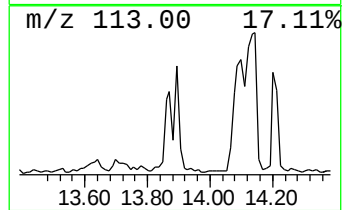
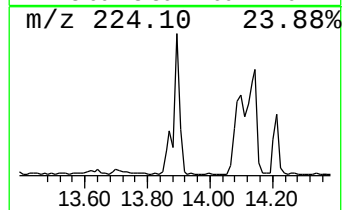
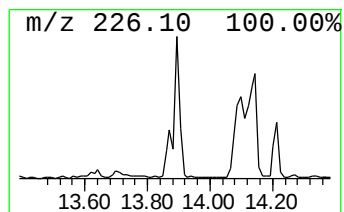
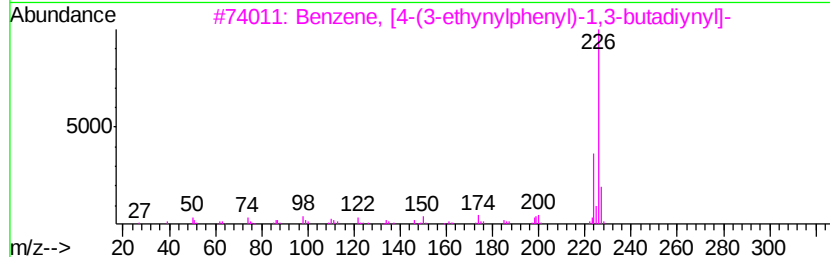
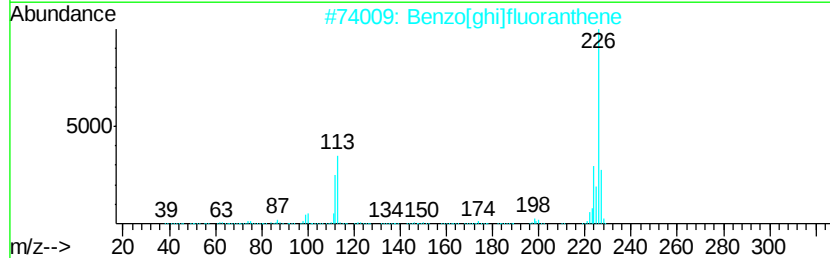
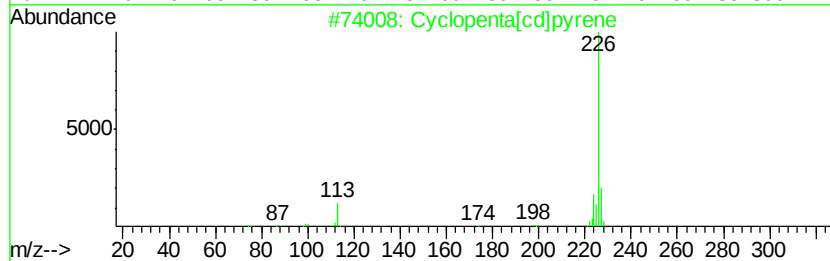
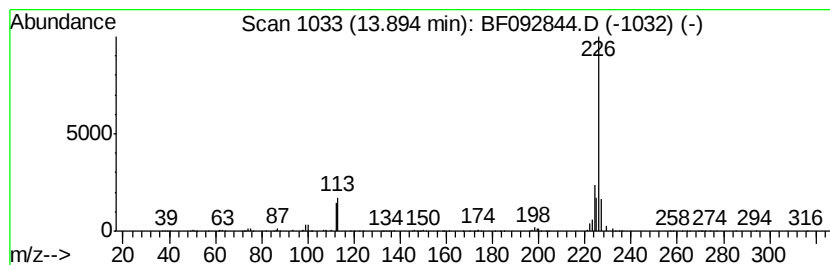
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.89	9.78 ng	6899800	Chrysene-d12	14.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	42
4	2-Thiazolamine, 4-(1-naphthalenyl)-	226	C13H10N2S	056503-96-9	40
5	1-Bromo-2,4-dichlorobenzene	224	C6H3BrCl2	001193-72-2	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092844.D
Acq On : 7 Feb 2017 22:35
Operator : SJ/MA
Sample : I1728-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROLL-OFF-R2-COMP

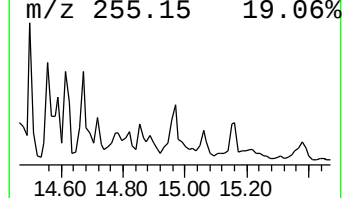
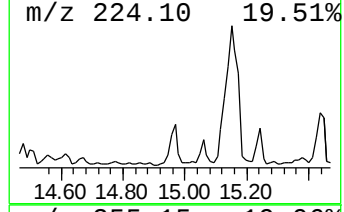
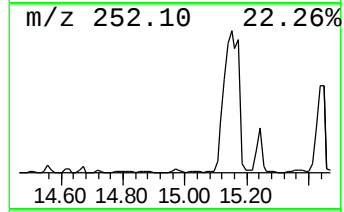
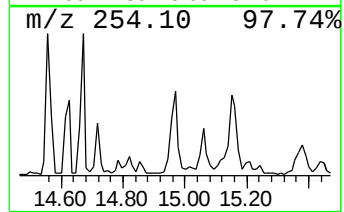
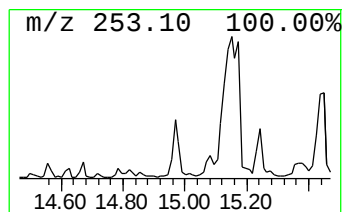
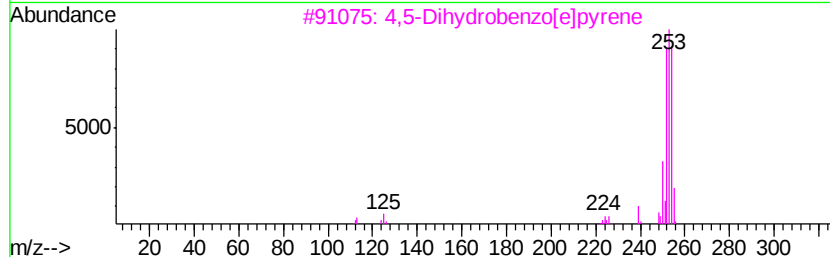
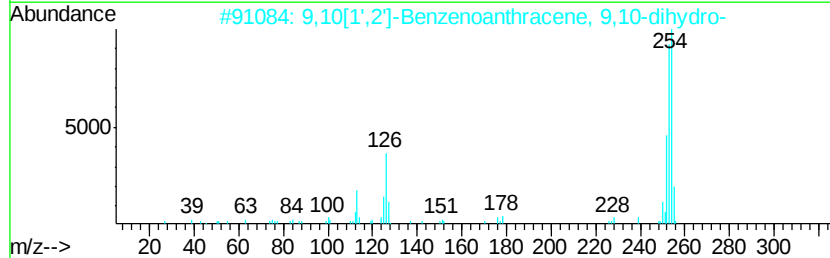
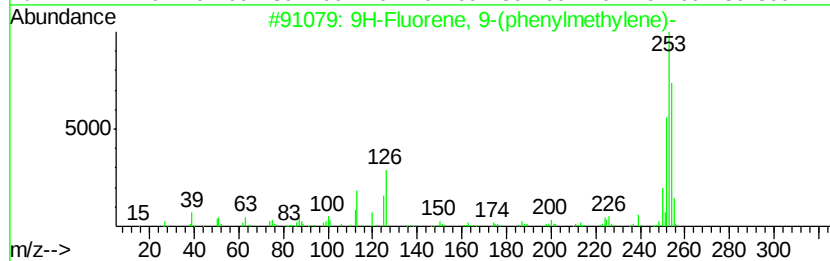
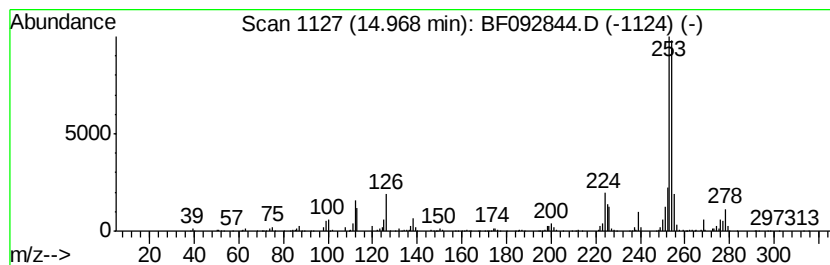
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9H-Fluorene, 9-(phenylmethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	21.94 ng	1605290	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-(phenylmethylenyl)-	254	C20H14	001836-87-9	76
2		9,10[1',2']-Benzenoanthracene, 9,10-dihydro-	254	C20H14	000477-75-8	76
3		4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	76
4		1H-Indene, 1,1'-(1,2-ethanedivylidene)-	254	C20H14	072088-04-1	68
5		1,2'-Binaphthalene	254	C20H14	004325-74-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
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Sample : I1728-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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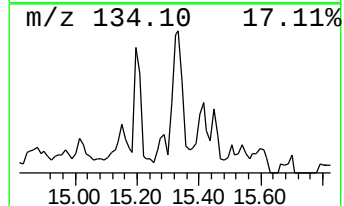
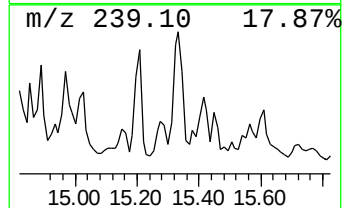
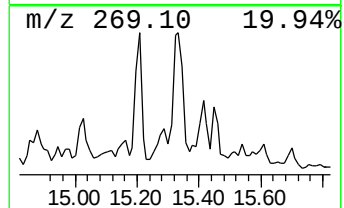
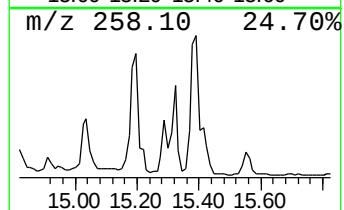
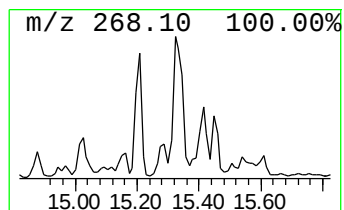
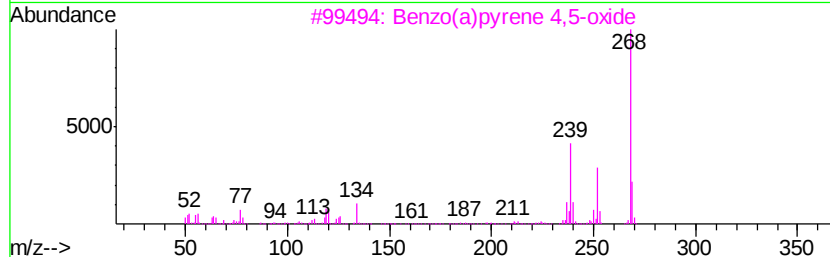
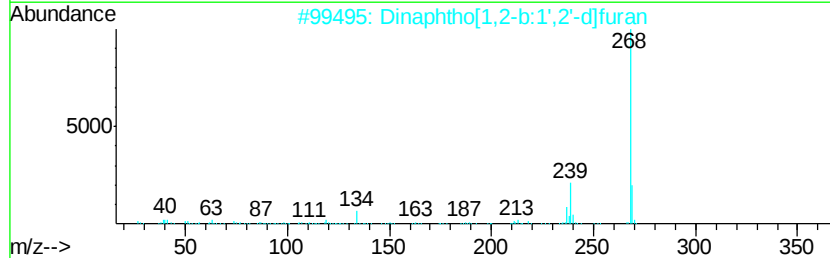
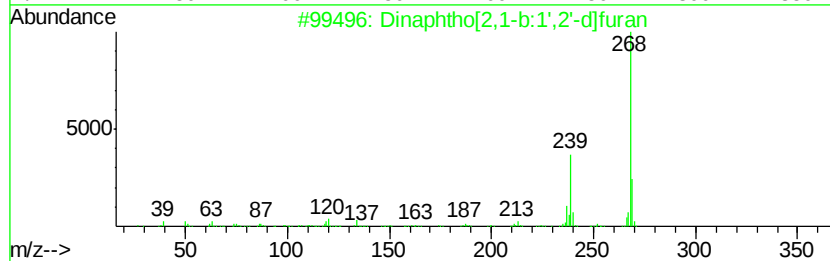
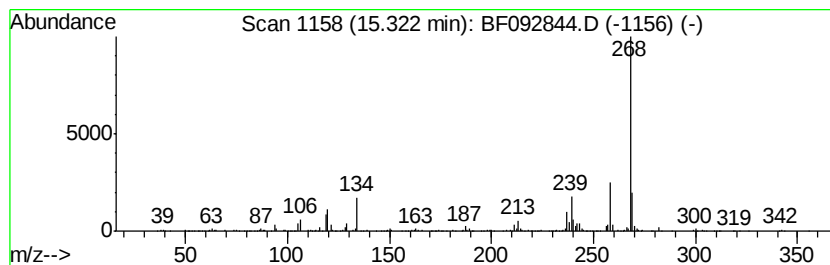
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dinaphtho[2,1-b:1',2'-d]furan Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	12.27 ng	897341	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	83
2		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	68
4		4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	53
5		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092844.D
Acq On : 7 Feb 2017 22:35
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ALS Vial : 23 Sample Multiplier: 1

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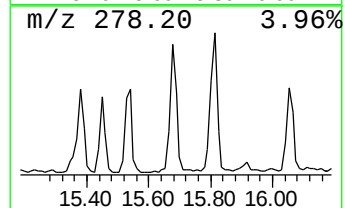
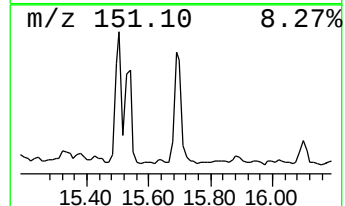
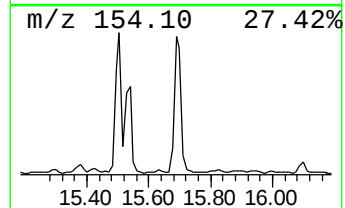
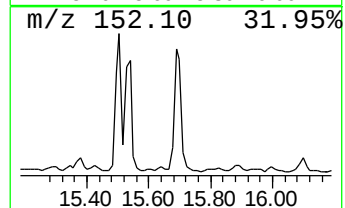
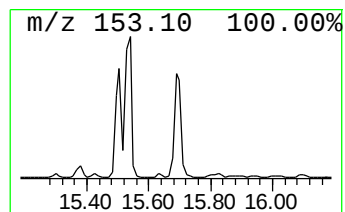
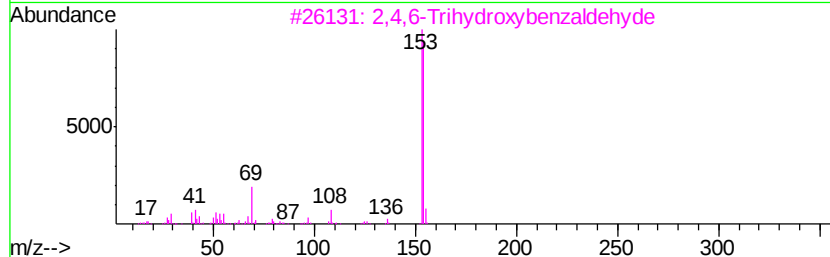
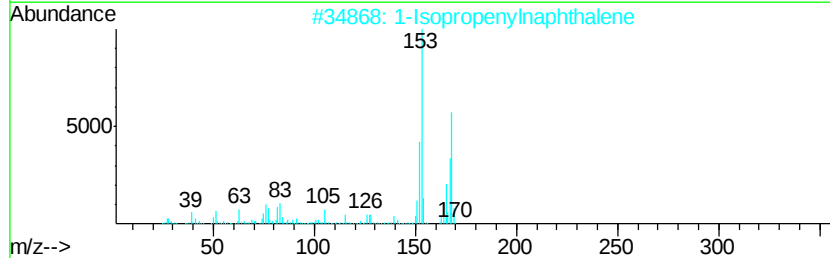
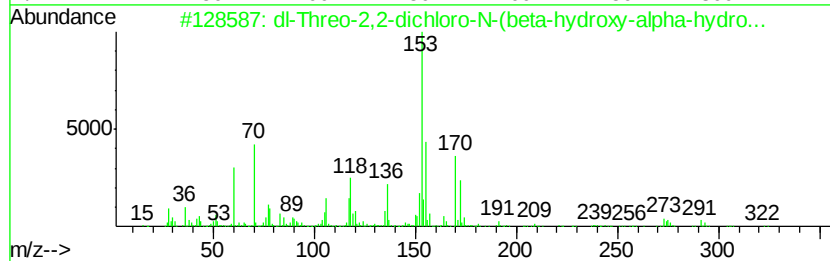
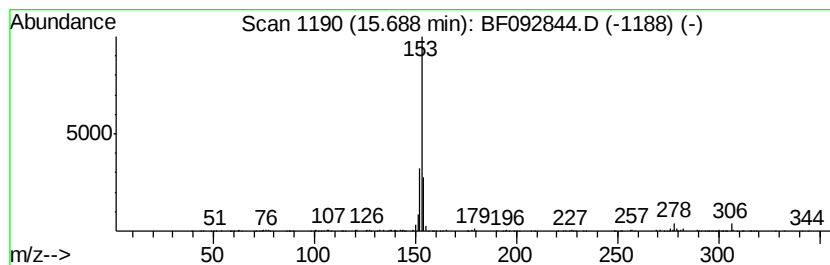
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown15.69 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	12.56 ng	918943	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	d1-Threo-2,2-dichloro-N-(beta-hv...	322	C11H12Cl2N2O5	002787-09-9	33
2		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	9
3		2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	7
4		Acenaphthene	154	C12H10	000083-32-9	7
5		2-Cyclohexen-3-ol-1-one, 2-[1-im...	153	C8H11NO2	1000131-52-4	5



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092844.D
Acq On : 7 Feb 2017 22:35
Operator : SJ/MA
Sample : I1728-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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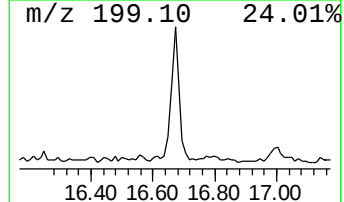
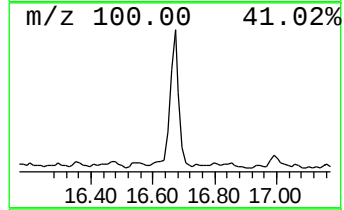
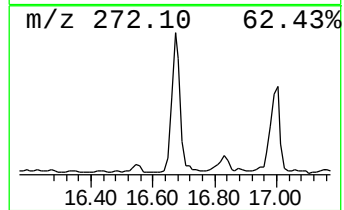
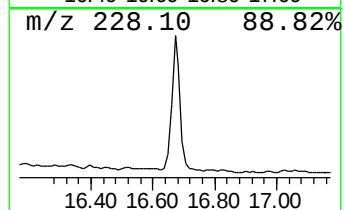
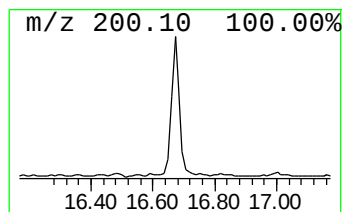
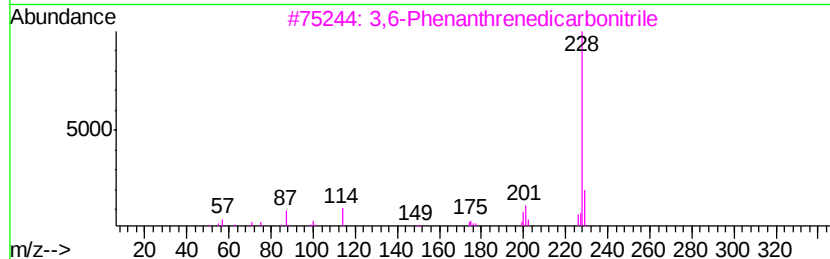
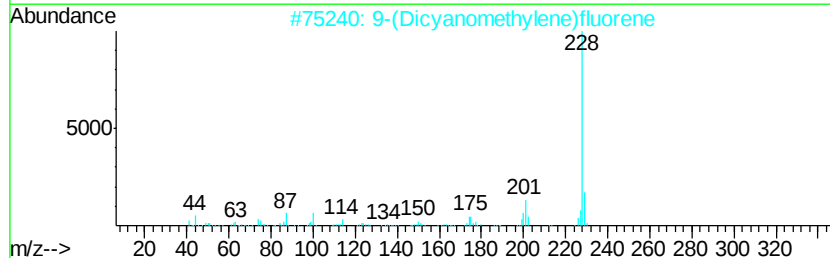
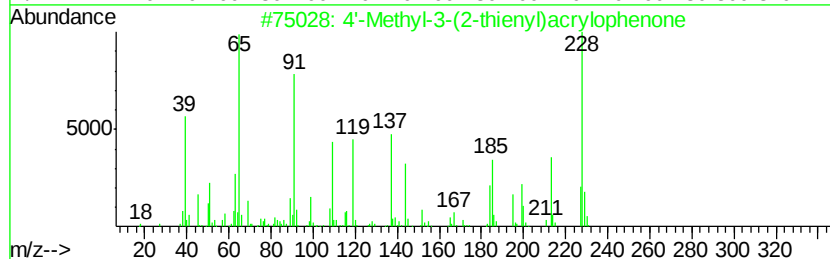
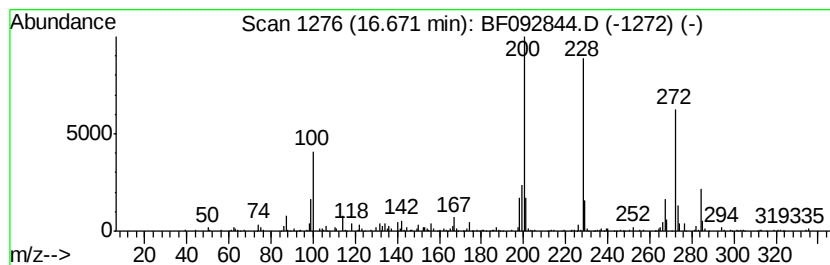
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.67 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	11.46 ng	838047	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4'-Methyl-3-(2-thienyl)acrylophenone...	228	C14H12OS	006028-89-3	22
2		9-(Dicyanomethylene)fluorene	228	C16H8N2	001989-32-8	18
3		3,6-Phenanthrenedicarbonitrile	228	C16H8N2	018930-78-4	18
4		9,10-Anthracenedicarbonitrile	228	C16H8N2	001217-45-4	18
5		Nitroscanate	272	C13H8N2O3S	019881-18-6	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
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Acq On : 7 Feb 2017 22:35
Operator : SJ/MA
Sample : I1728-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

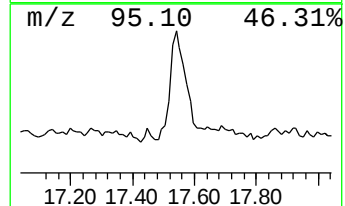
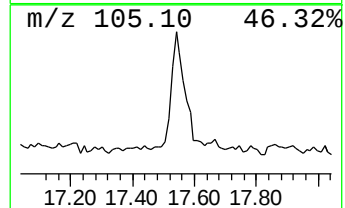
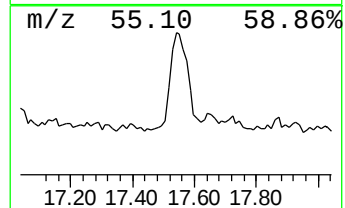
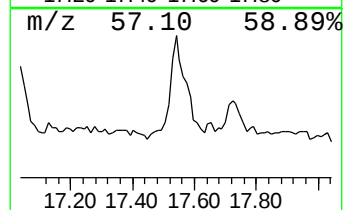
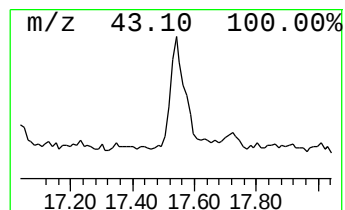
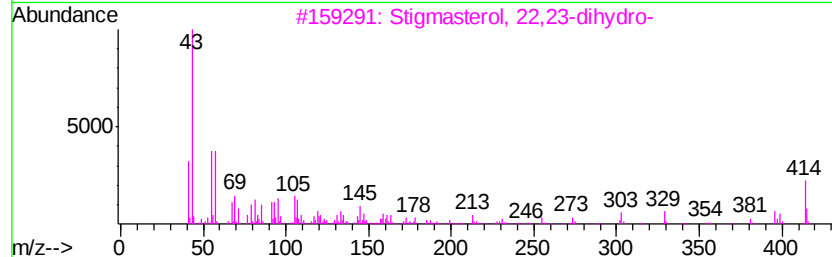
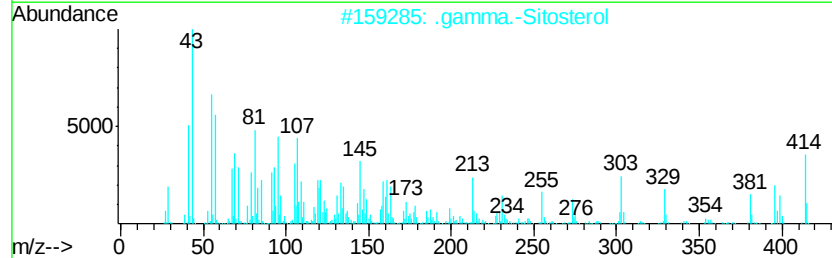
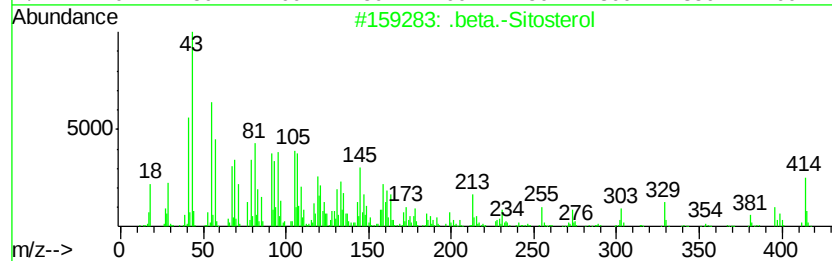
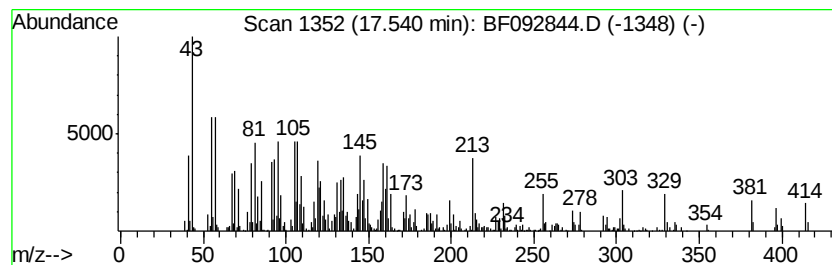
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .beta.-Sitosterol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.54	15.25 ng	1115430	Perylene-d12	15.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
3		Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	90
4		Stigmastan-3,5-diene	396	C29H48	1000214-16-4	47
5		5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
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 Sample : I1728-01
 Misc :
 ALS Vial : 23 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.08	35.6	ng	1545670	1	6.91	869158	20.0
unknown6.68	6.68	83.3	ng	3620480	1	6.91	869158	20.0
Naphthalene, 2,6-...	9.53	17.2	ng	2042770	3	9.95	2371170	20.0
Naphthalene, 2,3-...	9.72	9.7	ng	1144620	3	9.95	2371170	20.0
Ethanone, 1-(2,3,...	10.11	11.2	ng	1323640	3	9.95	2371170	20.0
Nordiphenamid	10.59	51.3	ng	6076410	3	9.95	2371170	20.0
Dibenzofuran, 4-m...	10.66	42.7	ng	5061300	3	9.95	2371170	20.0
11H-Benzo[b]fluorene	13.23	14.5	ng	10254200	5	14.11	14105800	20.0
Pyrene, 2-methyl-	13.33	10.3	ng	7280680	5	14.11	14105800	20.0
Cyclopenta[cd]pyrene	13.89	9.8	ng	6899800	5	14.11	14105800	20.0
9H-Fluorene, 9-(p...	14.97	21.9	ng	1605290	6	15.55	1463080	20.0
Dinaphtho[2,1-b:1...	15.32	12.3	ng	897341	6	15.55	1463080	20.0
unknown15.69	15.69	12.6	ng	918943	6	15.55	1463080	20.0
unknown16.67	16.67	11.5	ng	838047	6	15.55	1463080	20.0
.beta.-Sitosterol	17.54	15.3	ng	1115430	6	15.55	1463080	20.0