

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085607.D
 Acq On : 20 Mar 2016 9:26
 Operator : UM/SJ
 Sample : H1815-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-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-BF031816.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	5.042	238	241	249	rVB	183972	278129	3.20%	0.227%
2	5.453	274	277	279	rBV	2412110	2388665	27.50%	1.951%
3	6.482	364	367	370	rBV	2083251	2304935	26.54%	1.883%
4	6.619	377	379	381	rBV	2677406	2492757	28.70%	2.036%
5	6.847	397	399	402	rBV	689977	725168	8.35%	0.592%
6	7.007	410	413	416	rBV	2326717	2060701	23.73%	1.683%
7	7.419	446	449	451	rBV	1886875	1895847	21.83%	1.548%
8	8.139	509	512	516	rBV2	1065590	1340325	15.43%	1.095%
9	8.848	572	574	577	rBV	270575	223807	2.58%	0.183%
10	8.950	580	583	585	rVV	286879	260145	3.00%	0.212%
11	9.213	603	606	608	rBV	2986379	2609092	30.04%	2.131%
12	9.545	633	635	637	rBV	283541	365335	4.21%	0.298%
13	9.602	639	640	642	rVB	280364	328525	3.78%	0.268%
14	9.751	648	653	655	rVB	287786	257557	2.97%	0.210%
15	9.888	661	665	667	rBV	1097229	1240918	14.29%	1.014%
16	9.922	667	668	670	rVB	1477286	1126979	12.98%	0.920%
17	10.093	681	683	685	rBV	754789	669691	7.71%	0.547%
18	10.436	711	713	715	rBV	996143	897794	10.34%	0.733%
19	10.505	716	719	722	rBV3	185672	522805	6.02%	0.427%
20	10.596	724	727	729	rVB2	383136	450910	5.19%	0.368%
21	10.676	731	734	736	rBV	1812581	1926983	22.19%	1.574%
22	10.802	742	745	748	rVB2	285468	383626	4.42%	0.313%
23	10.985	757	761	762	rBV2	273390	421418	4.85%	0.344%
24	11.134	769	774	777	rBV2	253888	572740	6.59%	0.468%
25	11.179	777	778	780	rVB	600962	534888	6.16%	0.437%
26	11.225	780	782	785	rBV3	266975	568084	6.54%	0.464%
27	11.271	785	786	789	rVB	697547	609672	7.02%	0.498%
28	11.408	793	798	800	rBV2	4593717	8685466	100.00%	7.094%
29	11.454	800	802	804	rVV	2047587	1710334	19.69%	1.397%
30	11.602	812	815	819	rBV2	706156	978722	11.27%	0.799%
31	11.671	819	821	823	rVB2	436435	335173	3.86%	0.274%
32	11.876	836	839	840	rBV	1242934	1164782	13.41%	0.951%
33	11.911	840	842	844	rVB	1292229	1499225	17.26%	1.225%
34	11.956	844	846	847	rBV	501708	537741	6.19%	0.439%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.991	847	849	853	rVB2	1618849	2551735	29.38%	2.084%
36	12.082	853	857	858	rBV4	219893	401764	4.63%	0.328%
37	12.174	862	865	866	rBV	815378	806778	9.29%	0.659%
38	12.196	866	867	869	rVB	744092	698037	8.04%	0.570%
39	12.322	875	878	879	rBV	399731	505277	5.82%	0.413%
40	12.425	884	887	888	rBV	655884	747101	8.60%	0.610%
41	12.482	888	892	894	rVV3	309000	687698	7.92%	0.562%
42	12.517	894	895	898	rVB	606279	602054	6.93%	0.492%
43	12.608	899	903	904	rVB	4656281	7500214	86.35%	6.126%
44	12.654	904	907	909	rBV2	203663	287757	3.31%	0.235%
45	12.734	911	914	917	rBV3	441364	661314	7.61%	0.540%
46	12.779	917	918	919	rBV	250175	218977	2.52%	0.179%
47	12.837	919	923	924	rVB	4636827	7852194	90.41%	6.413%
48	12.871	924	926	928	rVB2	451012	642473	7.40%	0.525%
49	12.962	929	934	937	rVB3	1813003	2784351	32.06%	2.274%
50	13.042	937	941	944	rBV4	604943	1295910	14.92%	1.058%
51	13.099	944	946	947	rBV	394482	546341	6.29%	0.446%
52	13.145	947	950	952	rVB	805962	1217890	14.02%	0.995%
53	13.214	952	956	957	rBV2	449054	696060	8.01%	0.569%
54	13.248	957	959	963	rBV3	924896	1208761	13.92%	0.987%
55	13.339	965	967	968	rBV	492372	377252	4.34%	0.308%
56	13.374	968	970	973	rVB2	458182	541279	6.23%	0.442%
57	13.534	981	984	986	rBV3	278548	485215	5.59%	0.396%
58	13.648	991	994	997	rVV	715287	1039236	11.97%	0.849%
59	13.762	1001	1004	1005	rVV	721108	1003361	11.55%	0.820%
60	13.785	1005	1006	1007	rVV	685359	754428	8.69%	0.616%
61	13.820	1007	1009	1011	rVV2	508931	1072305	12.35%	0.876%
62	13.865	1011	1013	1016	rVV	913151	1195364	13.76%	0.976%
63	13.934	1016	1019	1022	rVV2	162750	469661	5.41%	0.384%
64	14.014	1022	1026	1027	rVV	3131925	5020618	57.80%	4.101%
65	14.048	1027	1029	1032	rVV	3170125	3793779	43.68%	3.099%
66	14.117	1033	1035	1038	rVV2	476976	830697	9.56%	0.678%
67	14.174	1038	1040	1044	rVV5	401338	1079351	12.43%	0.882%
68	14.242	1044	1046	1047	rVV2	351794	532675	6.13%	0.435%
69	14.277	1047	1049	1052	rVV3	194113	437191	5.03%	0.357%
70	14.334	1052	1054	1055	rVV2	165009	261111	3.01%	0.213%
71	14.357	1055	1056	1058	rVV2	233048	426460	4.91%	0.348%

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72	14.402	1058	1060	1061	rVV	830018	966861	11.13%	0.790%
73	14.437	1061	1063	1065	rVV2	454617	680717	7.84%	0.556%
74	14.482	1065	1067	1069	rVV2	486357	818222	9.42%	0.668%
75	14.528	1069	1071	1074	rVV3	362097	844587	9.72%	0.690%
76	14.597	1074	1077	1080	rVV2	261614	461739	5.32%	0.377%
77	14.700	1084	1086	1091	rBV3	222126	609174	7.01%	0.498%
78	14.780	1091	1093	1095	rVV2	281974	400723	4.61%	0.327%
79	14.882	1099	1102	1106	rVV2	318807	559943	6.45%	0.457%
80	15.054	1113	1117	1120	rBV	2501858	5910835	68.05%	4.828%
81	15.111	1120	1122	1123	rVV2	193665	275968	3.18%	0.225%
82	15.145	1123	1125	1127	rVV	537924	587418	6.76%	0.480%
83	15.225	1130	1132	1135	rBV2	161669	460797	5.31%	0.376%
84	15.283	1135	1137	1139	rVV	164478	280788	3.23%	0.229%
85	15.340	1139	1142	1144	rVV	1573036	2461979	28.35%	2.011%
86	15.397	1144	1147	1149	rVV	2007563	3376126	38.87%	2.758%
87	15.454	1149	1152	1153	rVV	505186	761925	8.77%	0.622%
88	15.488	1153	1155	1159	rVB2	680985	1064424	12.26%	0.869%
89	15.865	1185	1188	1190	rBV2	124499	273695	3.15%	0.224%
90	16.528	1243	1246	1254	rVB5	177010	554081	6.38%	0.453%
91	16.666	1254	1258	1260	rBV2	193937	483563	5.57%	0.395%
92	16.860	1268	1275	1278	rBV	1001825	2201682	25.35%	1.798%
93	16.917	1278	1280	1285	rVB	104754	229504	2.64%	0.187%
94	17.020	1285	1289	1291	rBV	211813	470111	5.41%	0.384%
95	17.077	1291	1294	1296	rVV2	200870	440197	5.07%	0.360%
96	17.123	1296	1298	1306	rVB3	96896	282638	3.25%	0.231%
97	17.283	1307	1312	1319	rVB	752765	1813945	20.88%	1.482%
98	17.500	1327	1331	1338	rVB	224575	518005	5.96%	0.423%
99	18.380	1403	1408	1420	rVB6	73175	356481	4.10%	0.291%
100	19.420	1491	1499	1506	rVB2	166014	685323	7.89%	0.560%

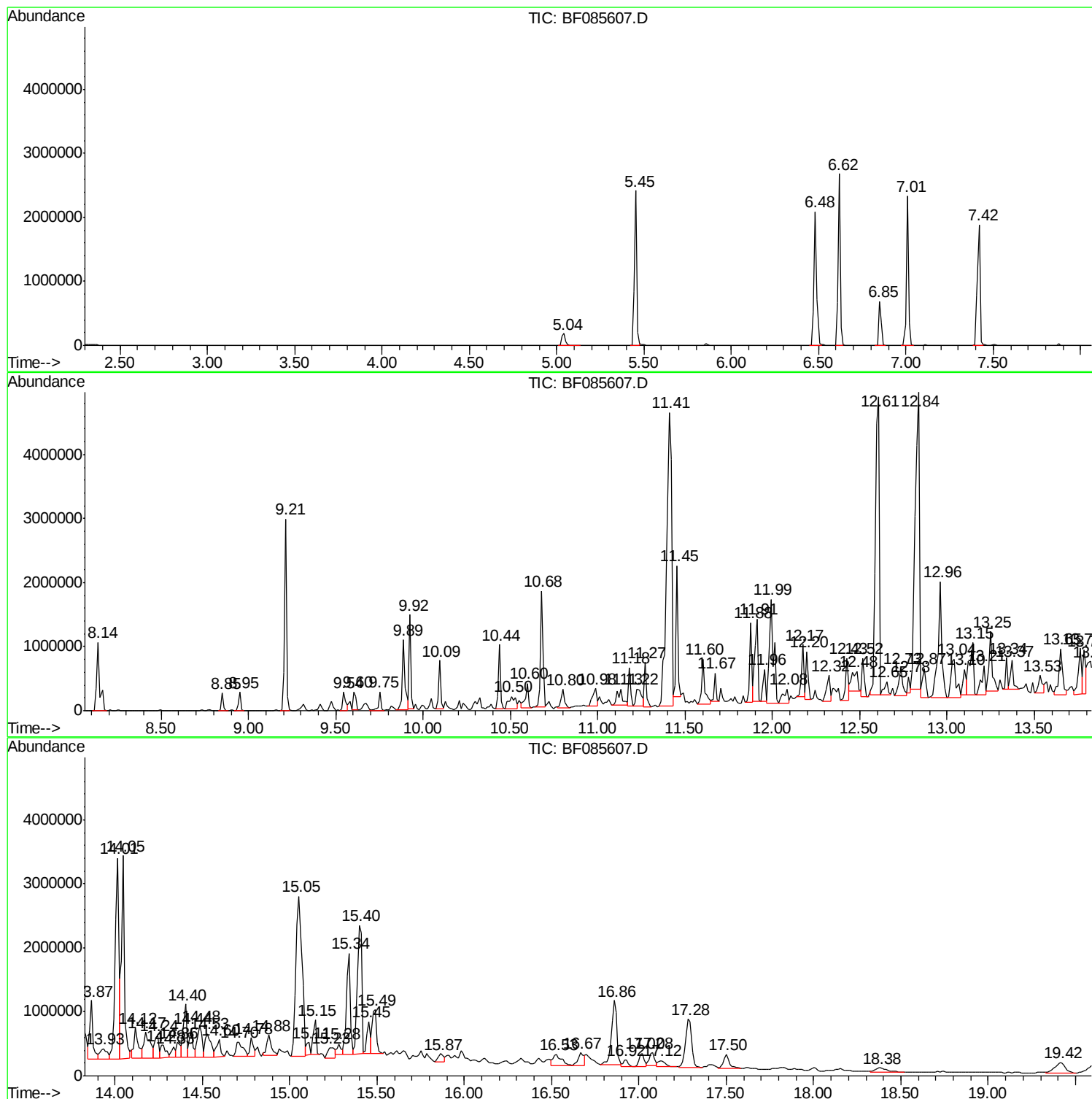
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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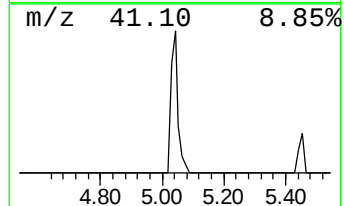
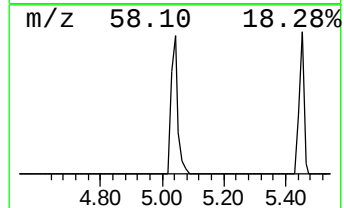
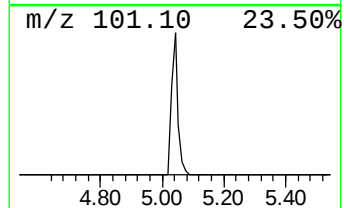
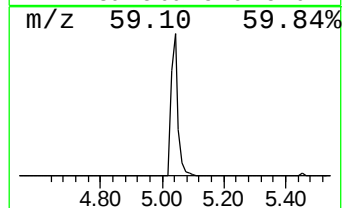
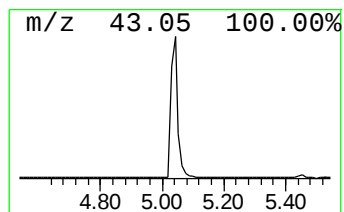
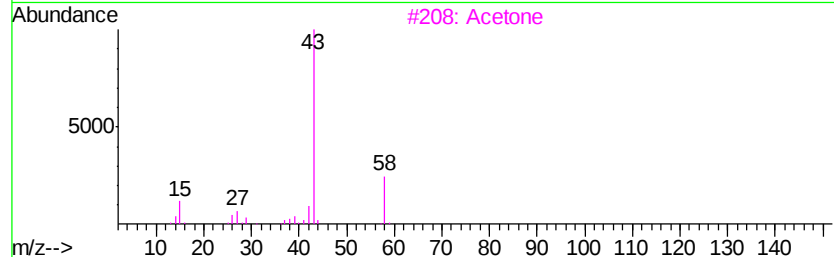
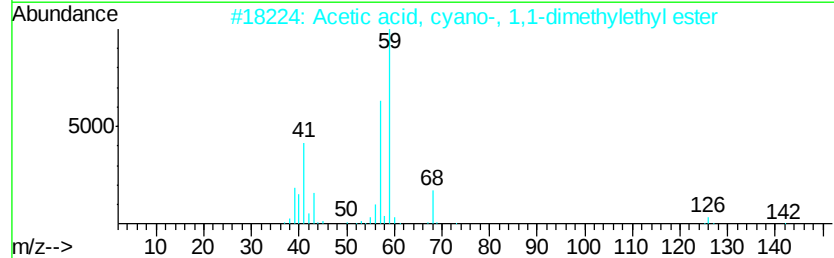
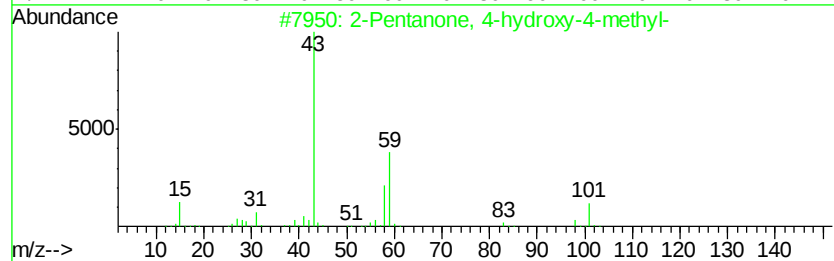
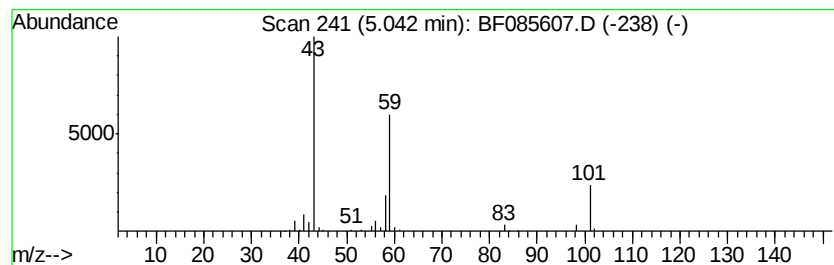
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	7.67 ng	278129	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3		Acetone	58	C3H6O	000067-64-1	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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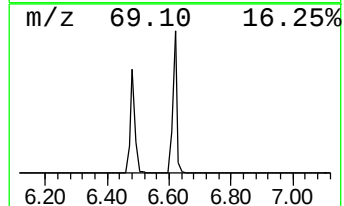
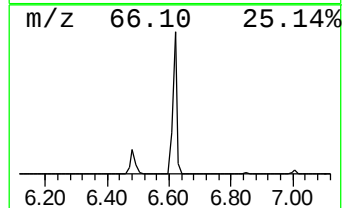
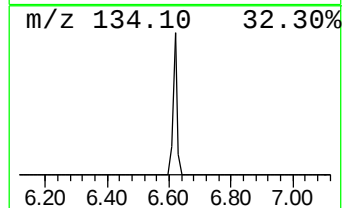
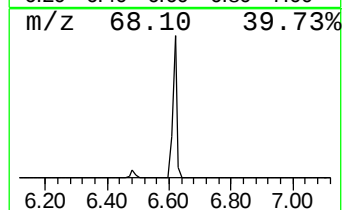
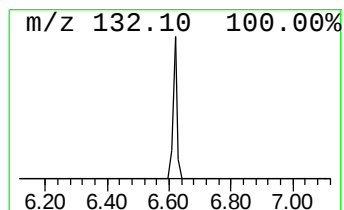
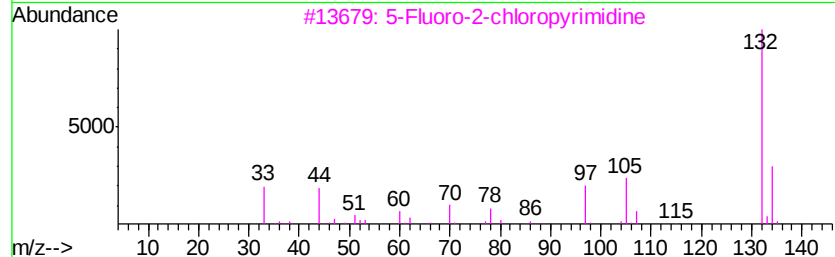
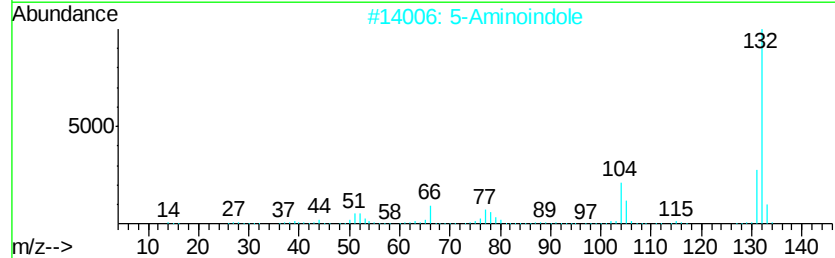
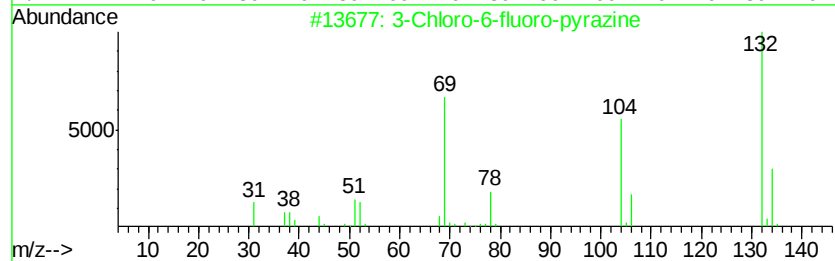
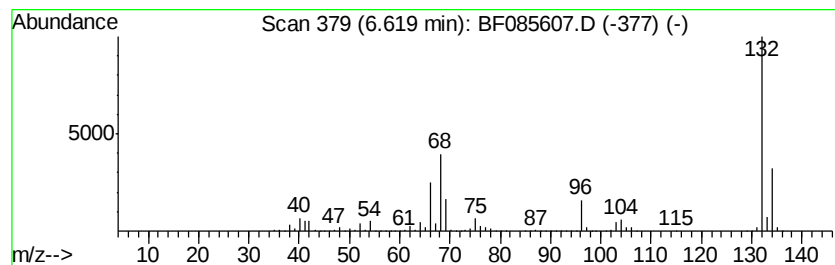
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	68.75 ng	2492760	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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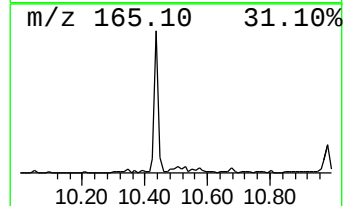
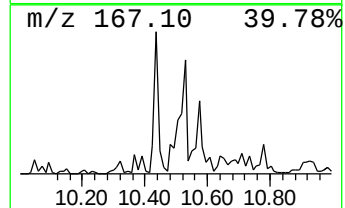
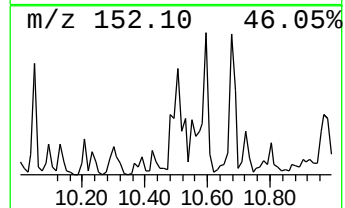
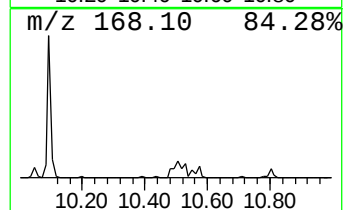
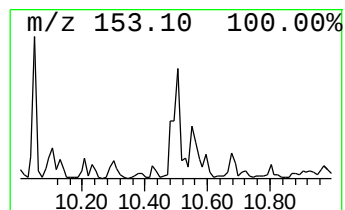
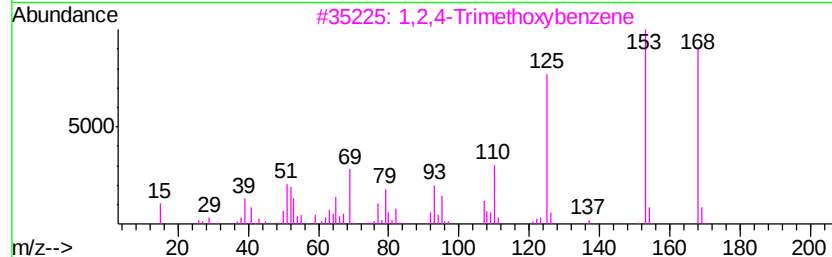
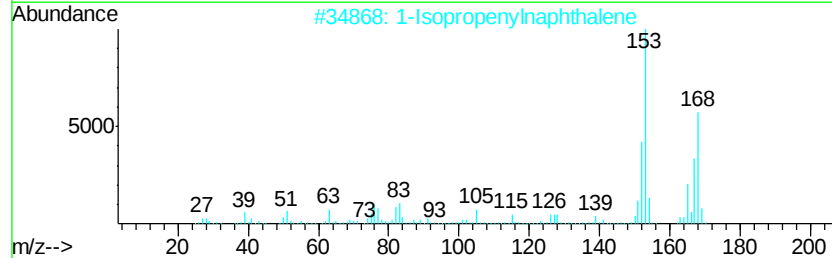
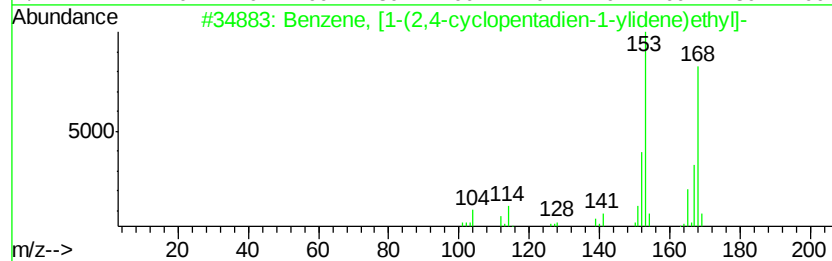
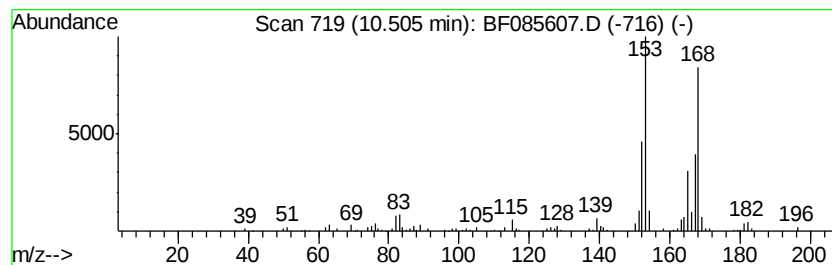
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, [1-(2,4-cyclopenta... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	8.43 ng	522805	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, [1-(2,4-cyclopentadien-...	168 C13H12	002320-32-3 90
2		1-Isopropenylnaphthalene	168 C13H12	001855-47-6 83
3		1,2,4-Trimethoxybenzene	168 C9H12O3	000135-77-3 43
4		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 38
5		Diphenylmethane	168 C13H12	000101-81-5 38



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Data File : BF085607.D
Acq On : 20 Mar 2016 9:26
Operator : UM/SJ
Sample : H1815-02
Misc :
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ClientSampleId :
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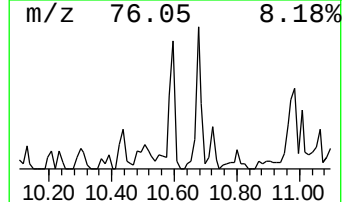
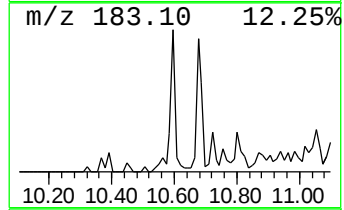
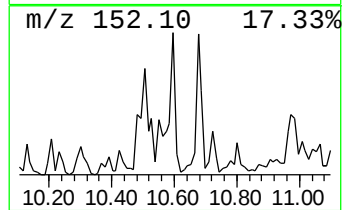
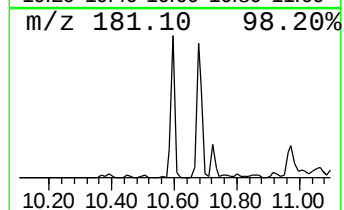
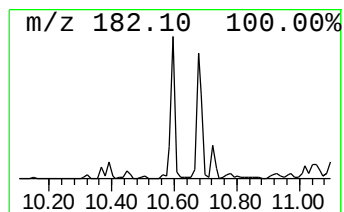
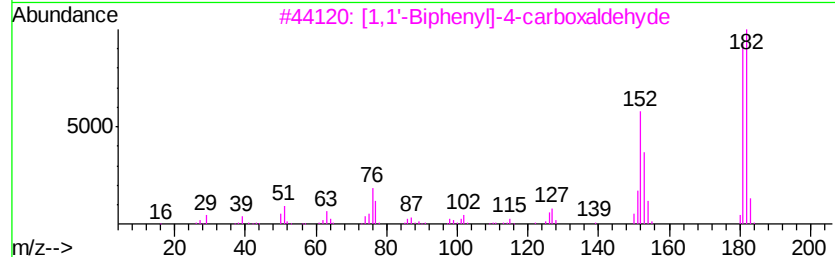
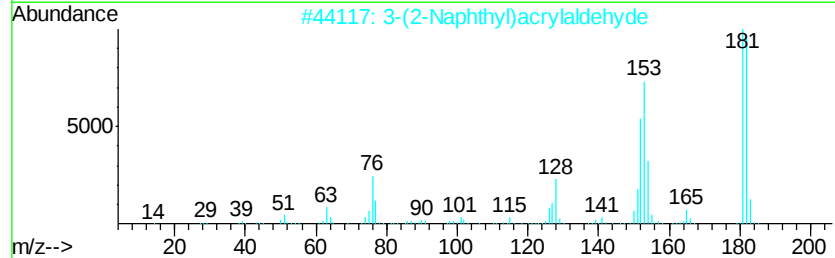
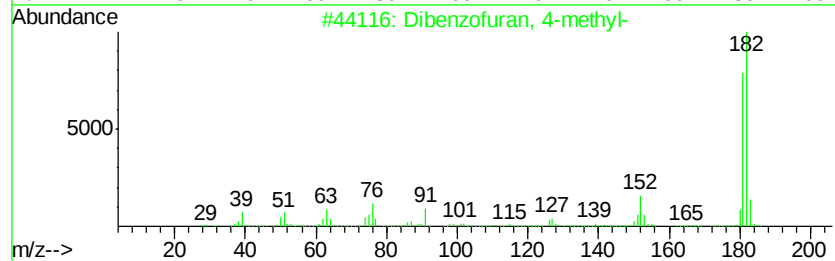
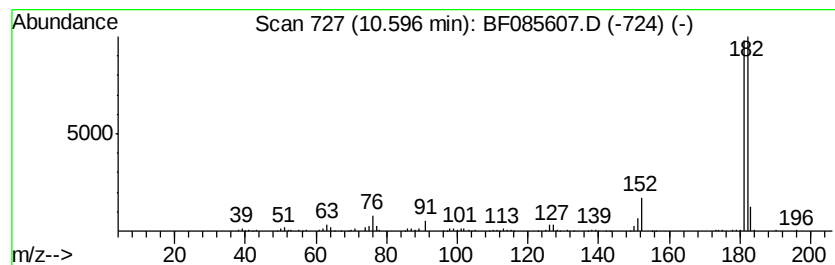
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	7.27 ng	450910	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	86
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5		Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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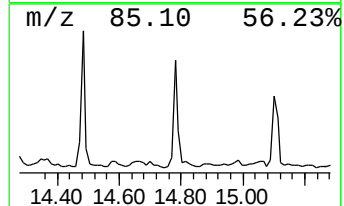
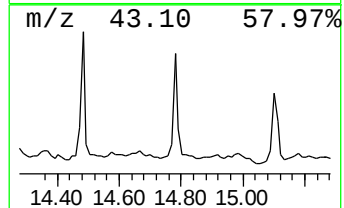
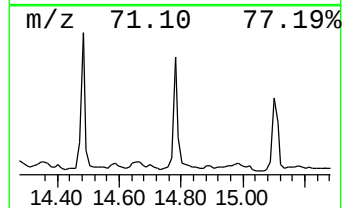
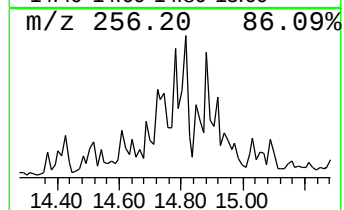
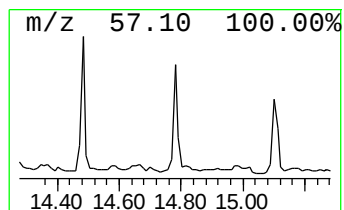
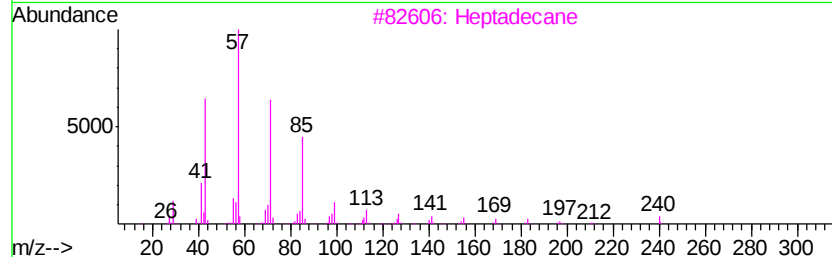
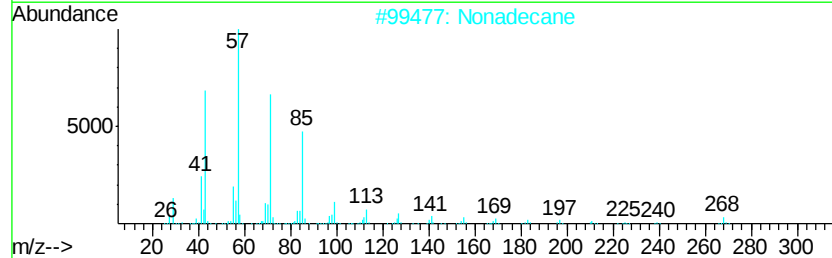
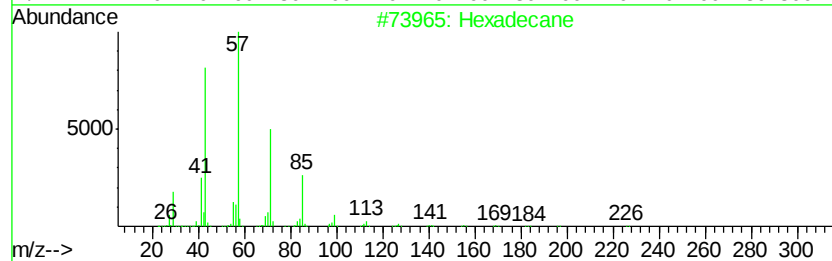
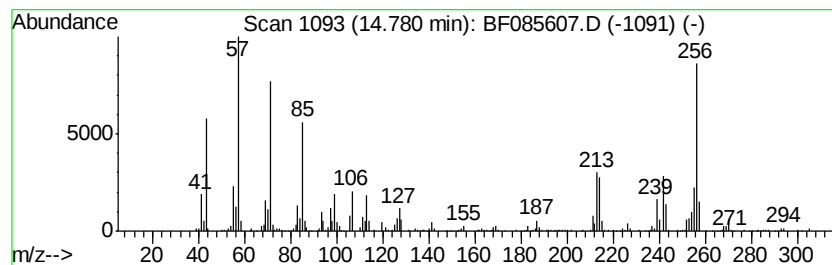
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.78	10.52 ng	400723	Perylene-d12	15.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	76
2	Nonadecane	268	C19H40	000629-92-5	70
3	Heptadecane	240	C17H36	000629-78-7	51
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	48
5	Octadecane	254	C18H38	000593-45-3	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085607.D
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Sample : H1815-02
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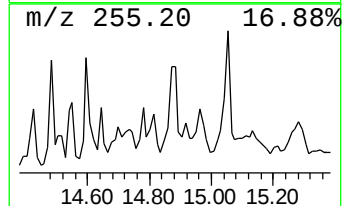
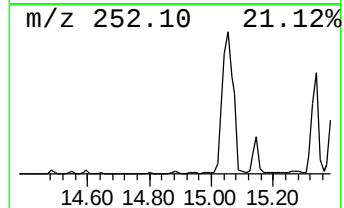
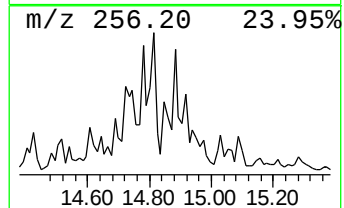
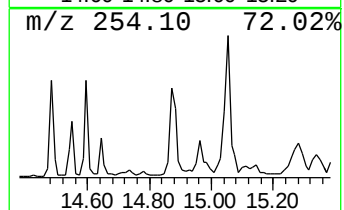
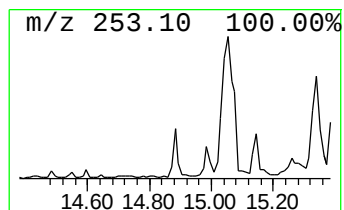
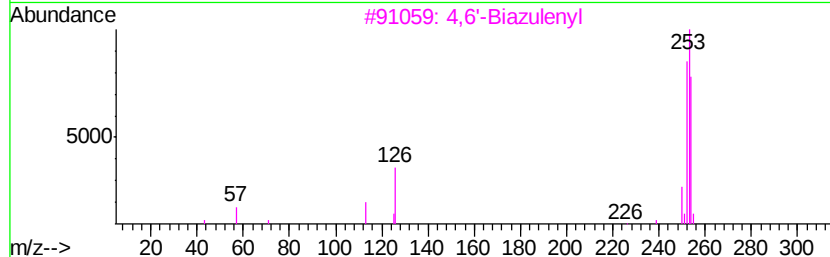
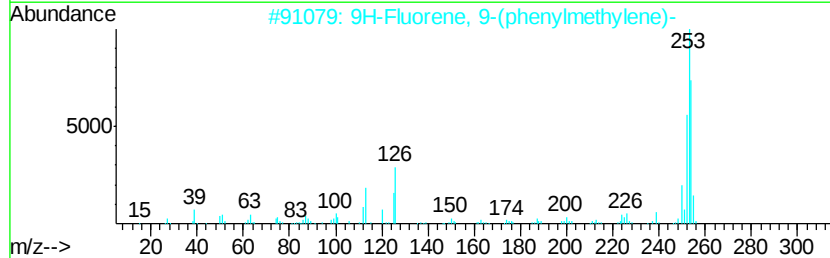
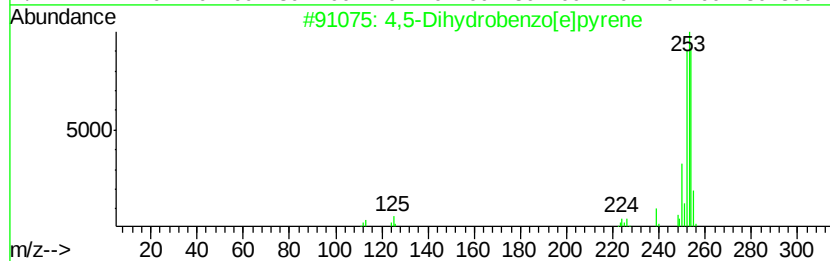
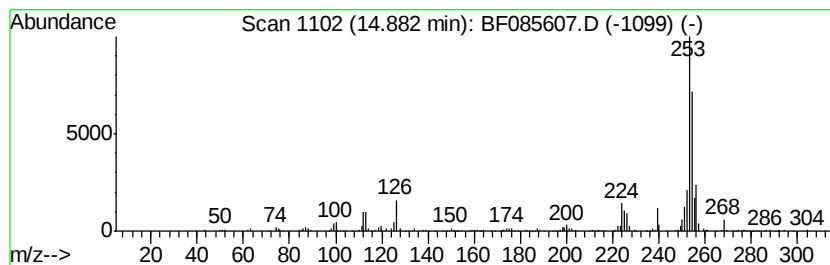
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4,5-Dihydrobenzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	14.70 ng	559943	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	89
2		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	70
3		4,6'-Biazulenyl	254	C20H14	094154-49-1	58
4		1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	50
5		1,1'-Binaphthalene	254	C20H14	000604-53-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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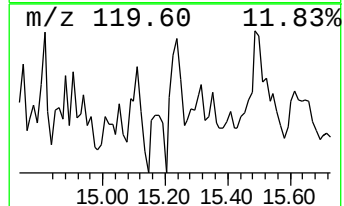
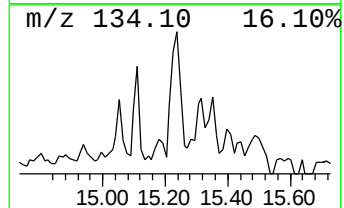
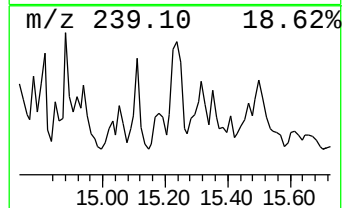
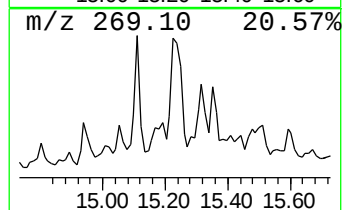
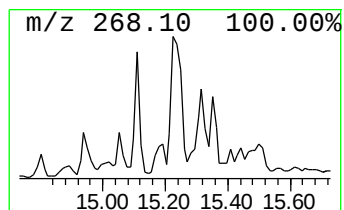
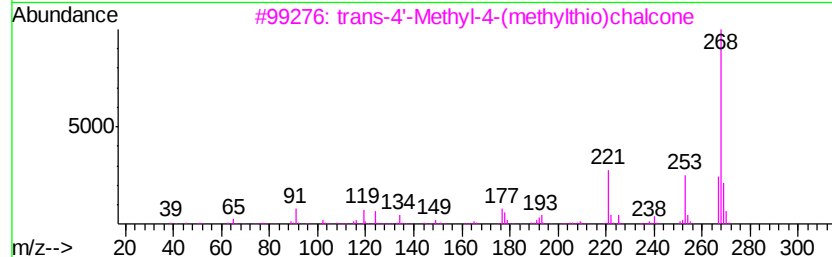
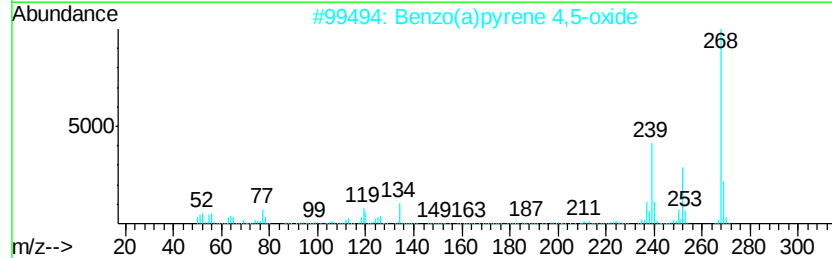
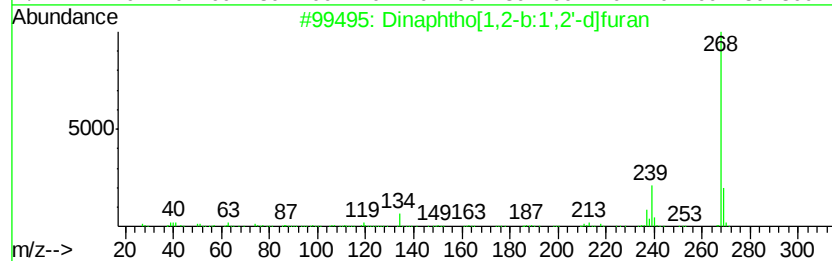
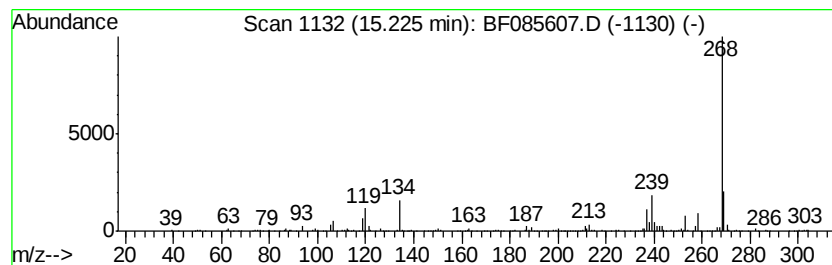
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	12.10 ng	460797	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	94
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	83
3		trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	59
4		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	59
5		Methanone, bis[4-(dimethylamino)...	268	C17H20N2O	000090-94-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085607.D
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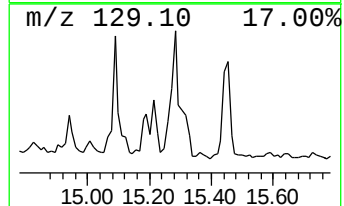
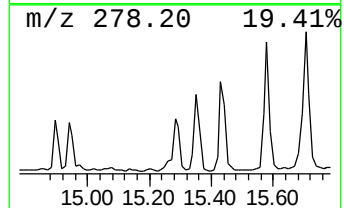
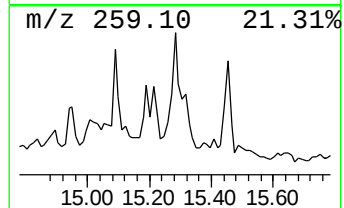
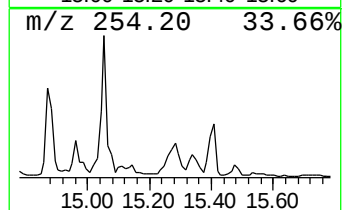
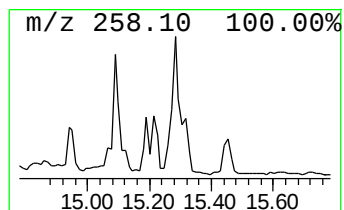
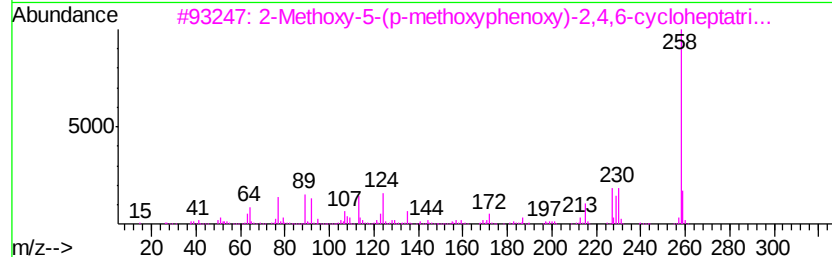
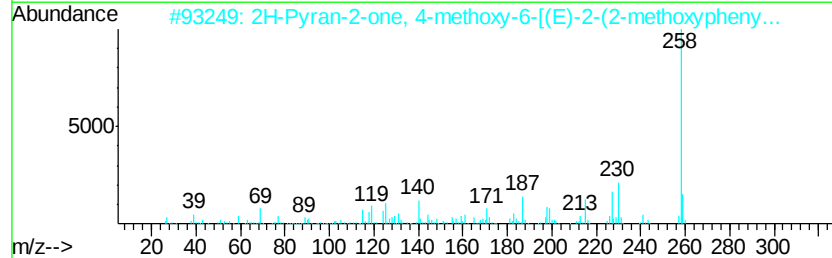
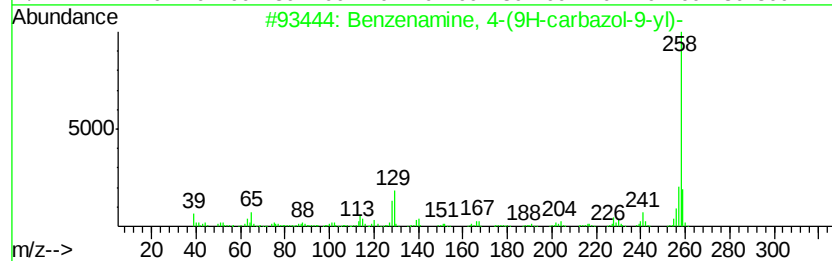
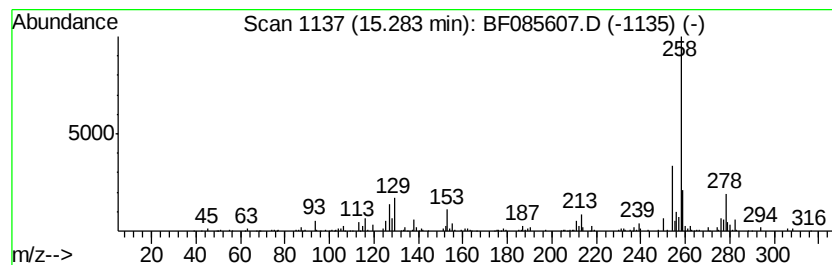
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown15.28 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	7.37 ng	280788	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 4-(9H-carbazol-9-yl)-	258	C18H14N2	052708-37-9	47
2		2H-Pyran-2-one, 4-methoxy-6-[(E)...	258	C15H14O4	013709-16-5	43
3		2-Methoxy-5-(p-methoxyphenoxy)-2...	258	C15H14O4	003525-14-2	43
4		2',5'-Dimethoxy-2-biphenylcarbox...	258	C15H14O4	003525-23-3	43
5		4,5-Dimethoxy-2-biphenylcarboxyl...	258	C15H14O4	162137-38-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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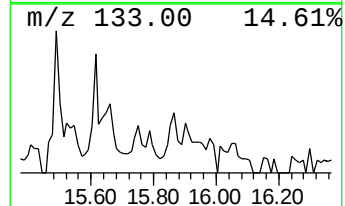
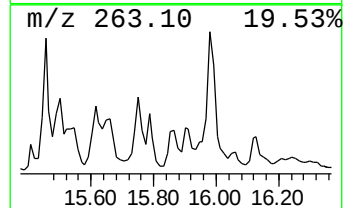
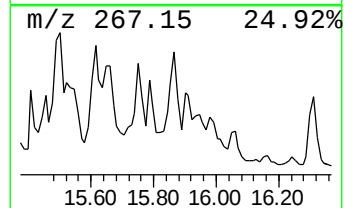
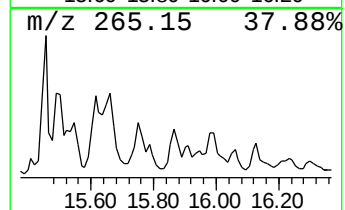
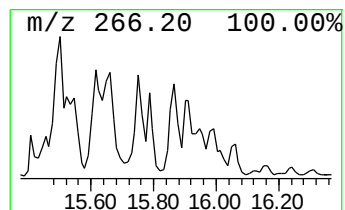
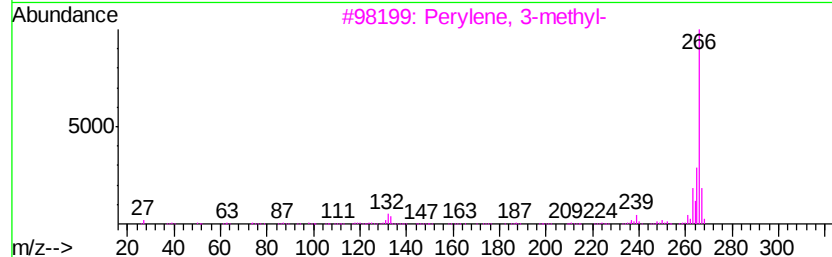
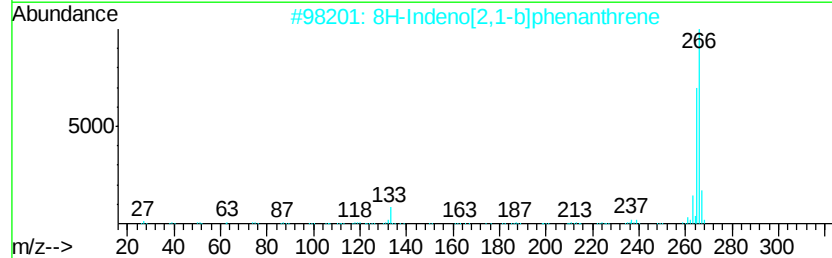
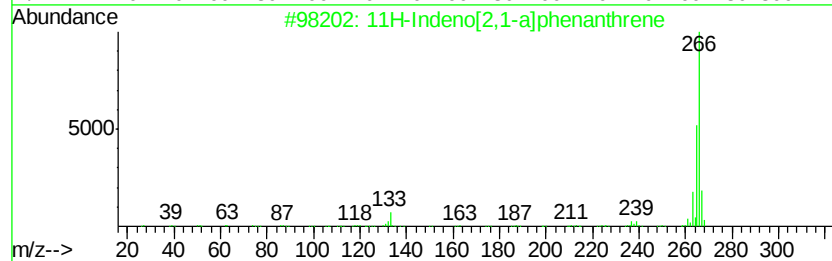
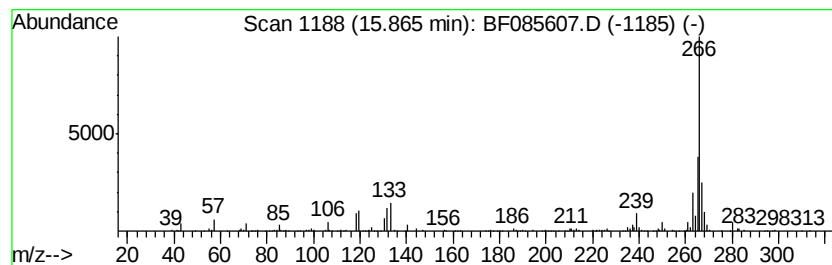
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Indeno[2,1-a]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	7.18 ng	273695	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	83
2		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	76
3		Perylene, 3-methyl-	266	C21H14	024471-47-4	76
4		4,5-Dihydro-3H-dinaphtho[2,1-c:1...	295	C22H17N	1000297-99-2	64
5		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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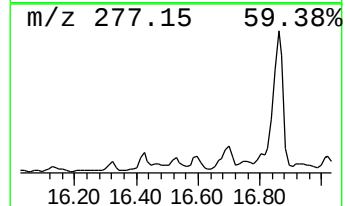
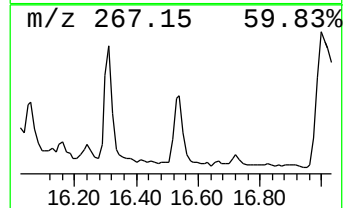
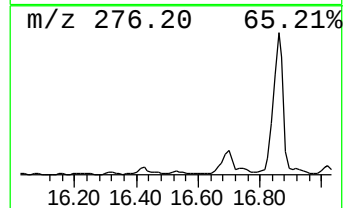
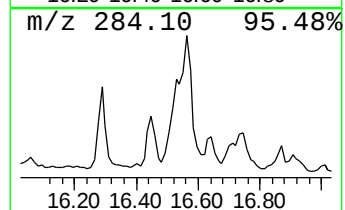
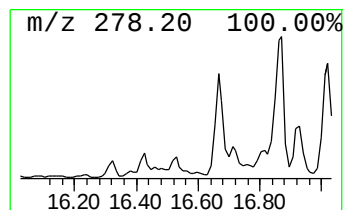
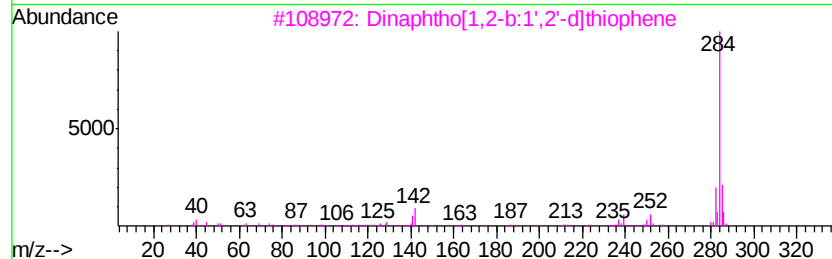
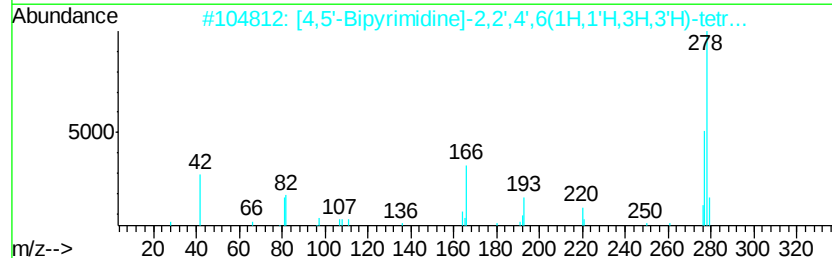
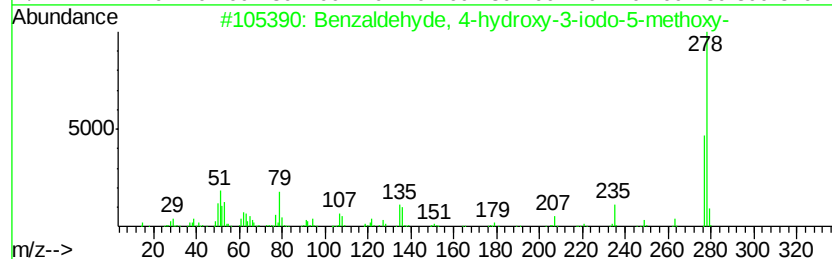
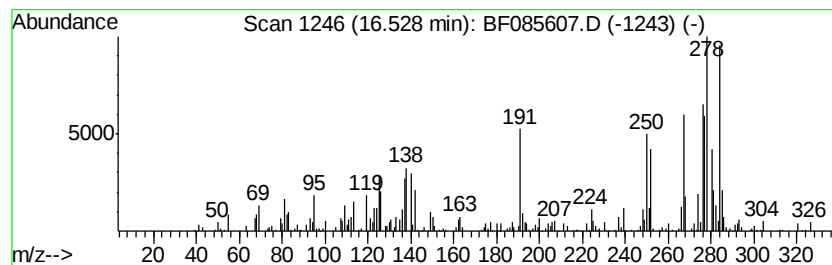
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ClientSampleId :
SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown16.53 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	14.54 ng	554081	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzaldehyde, 4-hydroxy-3-iodo-5...	278 C8H7IO3	005438-36-8 25
2		[4,5'-Bipyrimidine]-2,2',4',6(1H...	278 C12H14N4O4	062880-87-9 18
3		Dinaphtho[1,2-b:1',2'-d]thiophene	284 C20H12S	000207-94-3 15
4		Nickel, dicarbonyl[N,N'-1,2-etha...	334 C16H24N2NiO2	119679-76-4 12
5		6-[(6-Methoxysalicylidene)amino]...	267 C15H13N3O2	1000225-65-5 11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085607.D
Acq On : 20 Mar 2016 9:26
Operator : UM/SJ
Sample : H1815-02
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-08-COMP

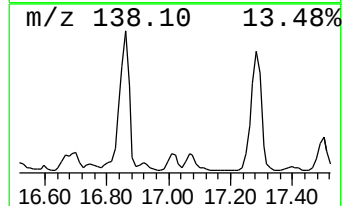
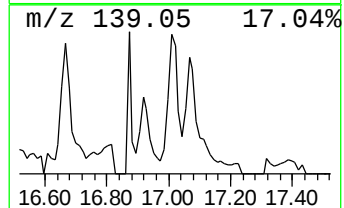
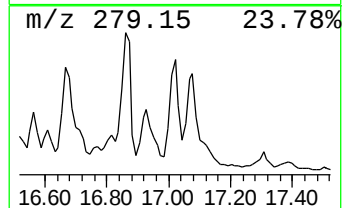
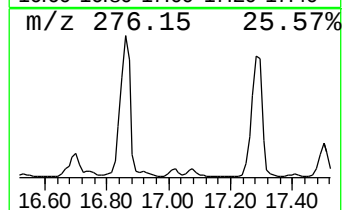
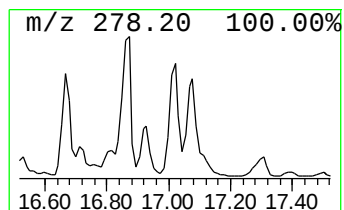
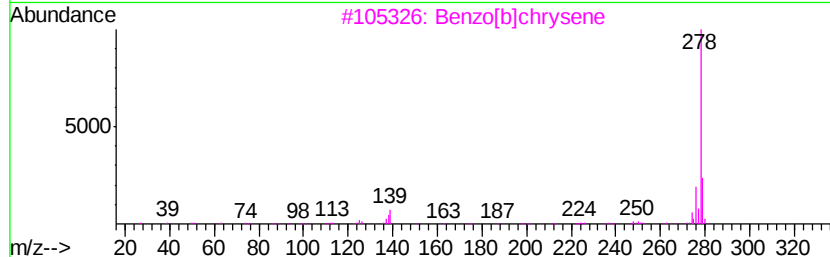
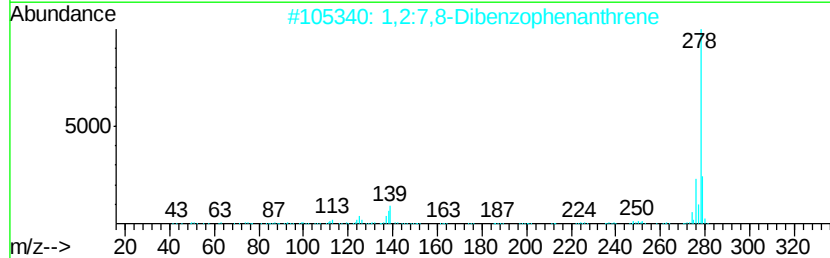
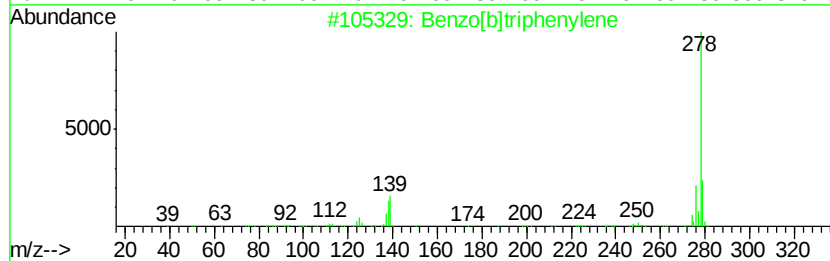
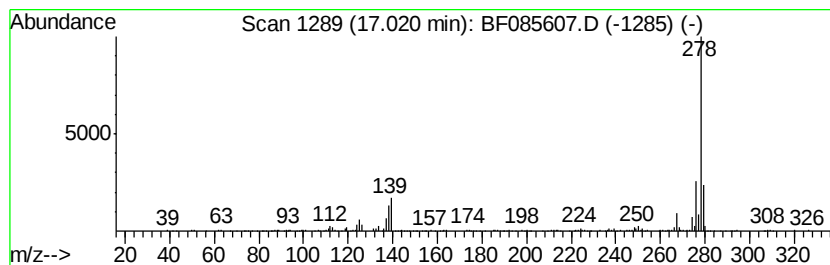
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	12.34 ng	470111	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	99
3		Benzo[b]chrysene	278	C22H14	000214-17-5	98
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
5		Pentacene	278	C22H14	000135-48-8	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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Acq On : 20 Mar 2016 9:26
Operator : UM/SJ
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ClientSampleId :
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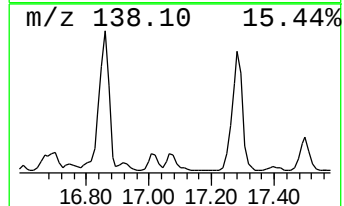
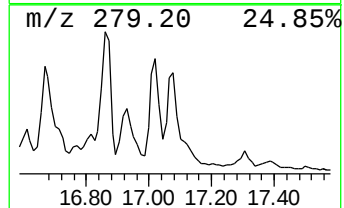
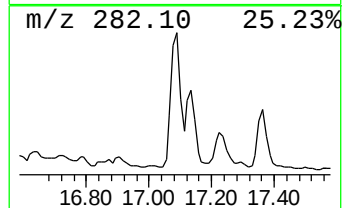
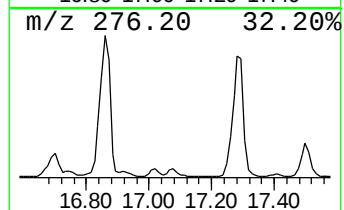
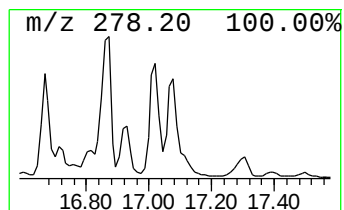
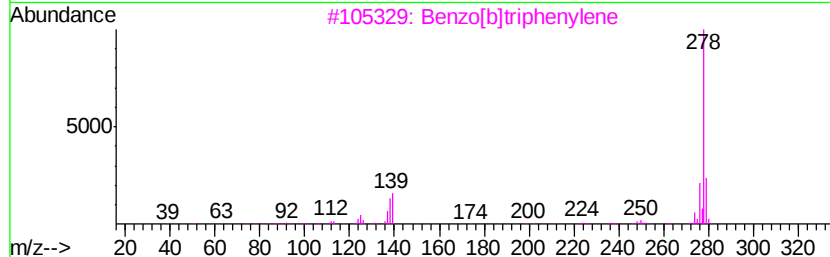
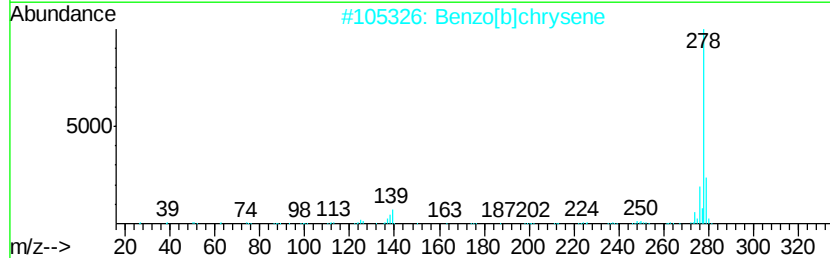
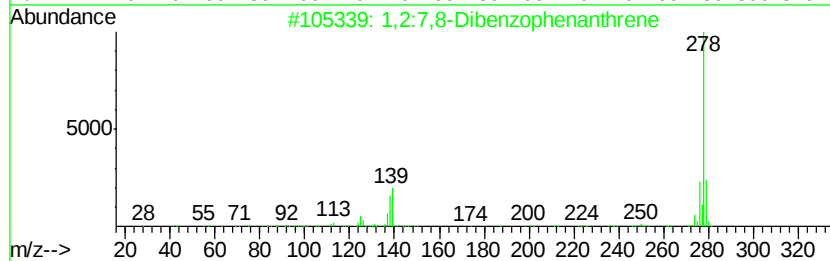
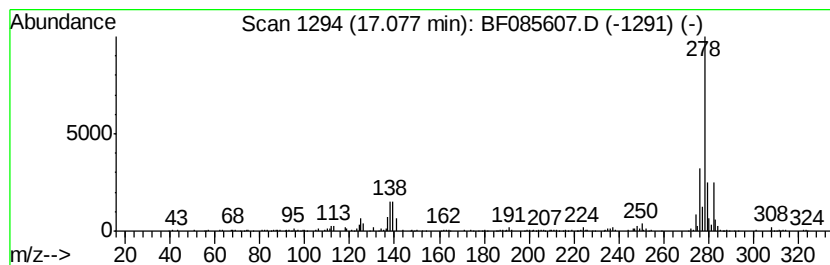
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,2:7,8-Dibenzophenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	11.55 ng	440197	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2		Benzo[b]chrysene	278	C22H14	000214-17-5	95
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	95
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
5		Pentaphene	278	C22H14	000222-93-5	93



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Acq On : 20 Mar 2016 9:26
Operator : UM/SJ
Sample : H1815-02
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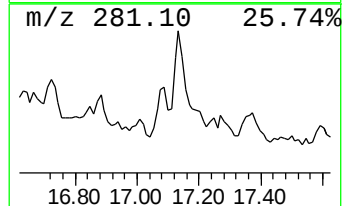
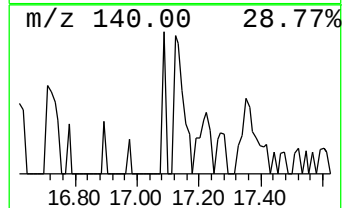
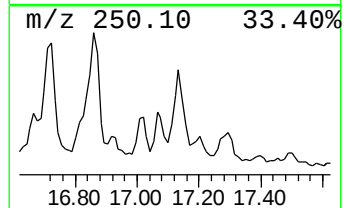
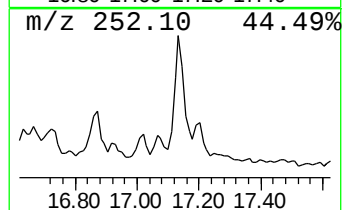
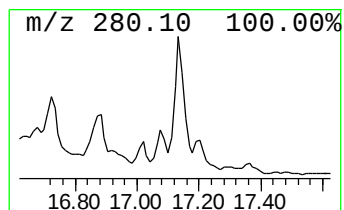
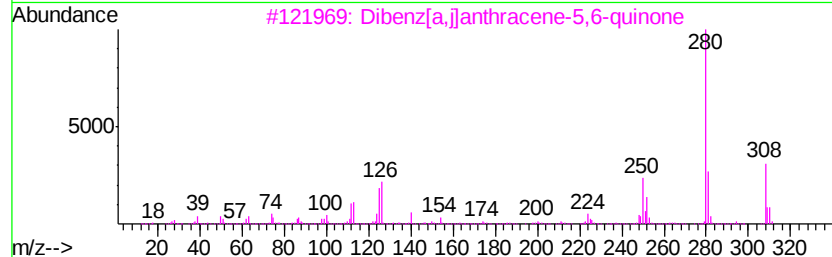
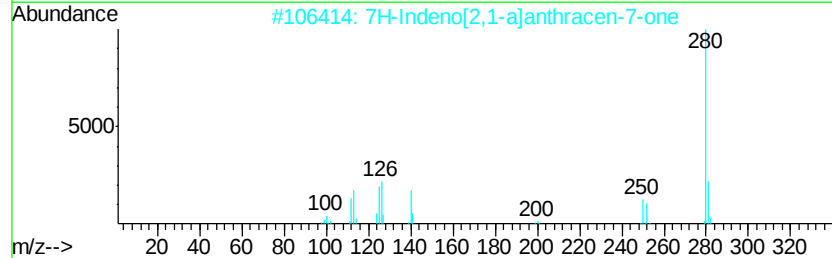
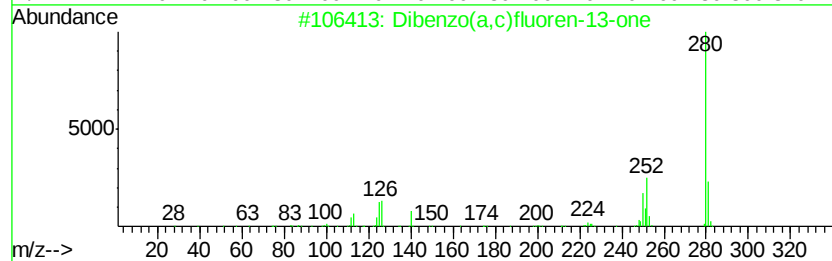
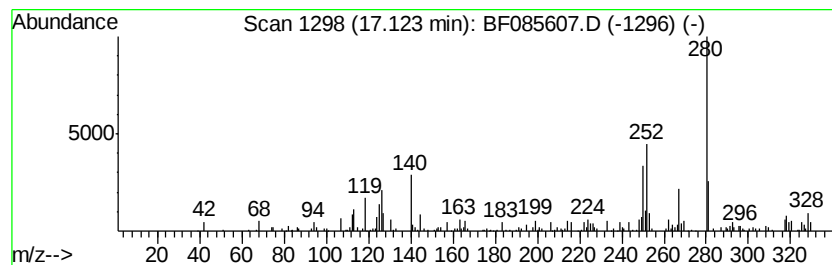
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenzo(a,c)fluoren-13-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	7.42 ng	282638	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	89
2		7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	76
3		Dibenz[a,j]anthracene-5,6-quinone	308	C22H12O2	052755-66-5	47
4		Benzoxazole, 2-[2-(4-piperidyl)p...	280	C16H16N4O	1000294-14-8	42
5		Benzo[a]phenazine-9,10-dicarboni...	280	C18H8N4	1000276-19-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085607.D
Acq On : 20 Mar 2016 9:26
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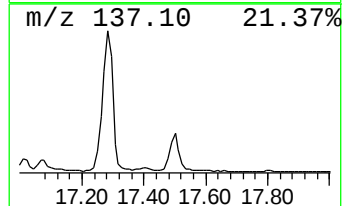
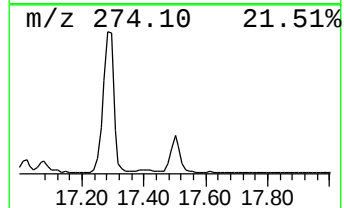
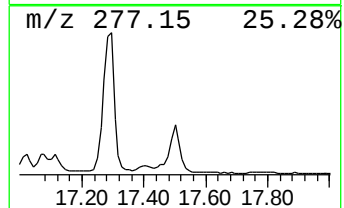
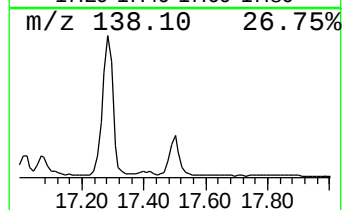
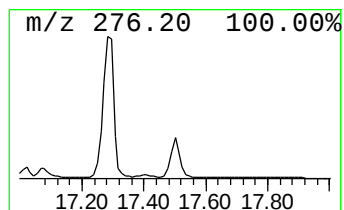
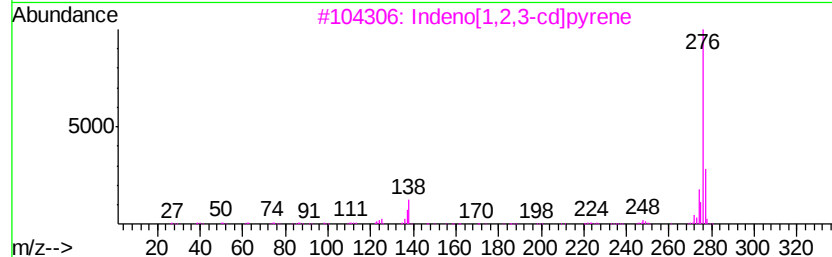
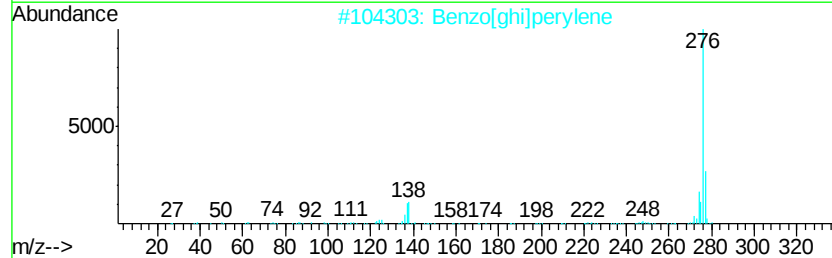
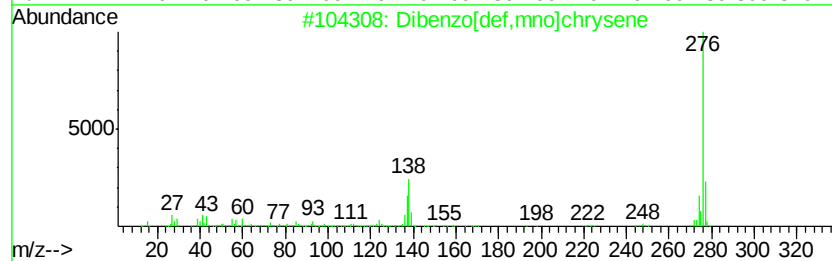
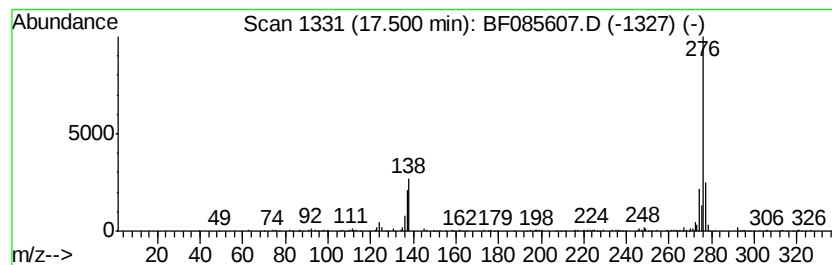
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	13.60 ng	518005	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	95
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5		Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085607.D
Acq On : 20 Mar 2016 9:26
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Misc :
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ClientSampleId :
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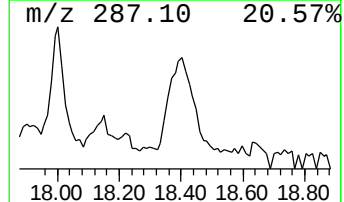
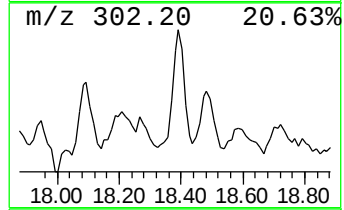
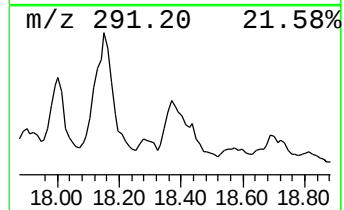
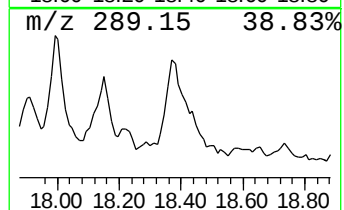
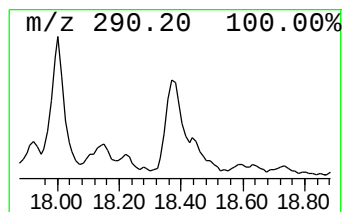
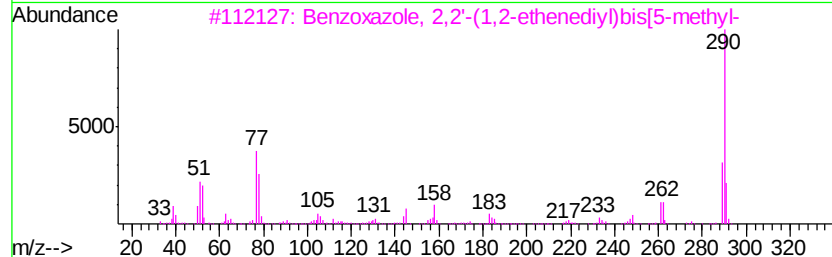
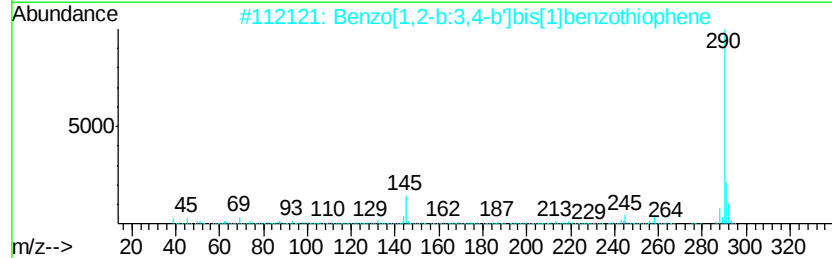
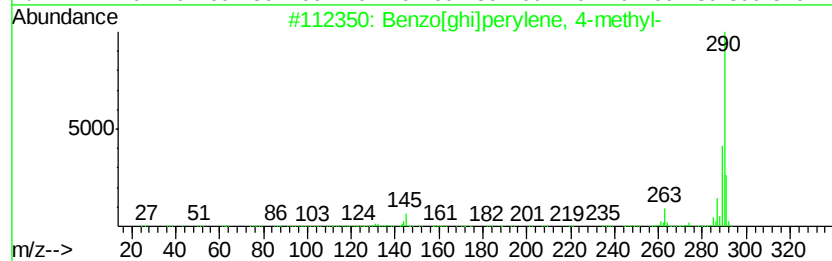
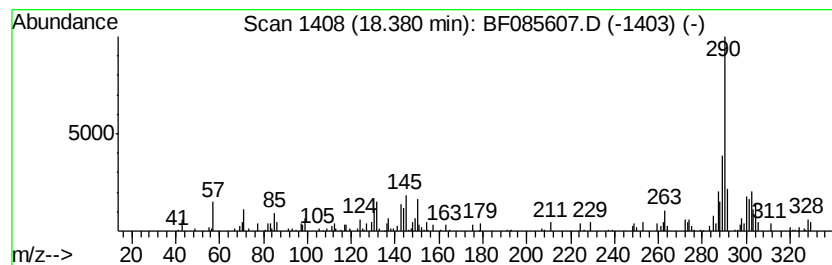
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[ghi]perylene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	9.36 ng	356481	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[ghi]perylene, 4-methyl-	290	C23H14	019224-38-5	49
2		Benzo[1,2-b:3,4-b']bis[1]benzoth...	290	C18H10S2	000198-89-0	43
3		Benzoxazole, 2,2'-(1,2-ethenediy...	290	C18H14N2O2	001041-00-5	38
4		10-Cyclohexyl-2,3-dihydro-1H-pyr...	290	C20H22N2	157056-89-8	38
5		(4-Nitrophenyl)diphenylamine	290	C18H14N2O2	004316-57-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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ClientSampleId :
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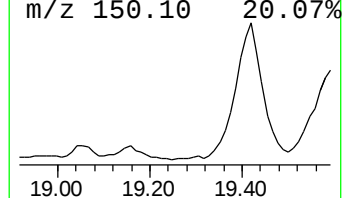
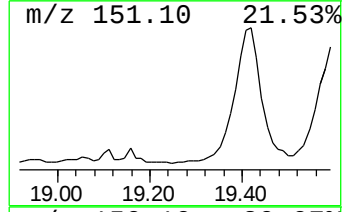
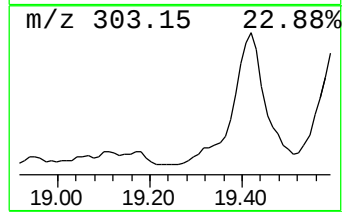
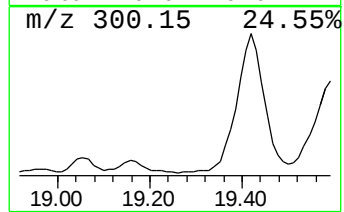
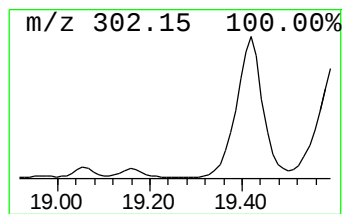
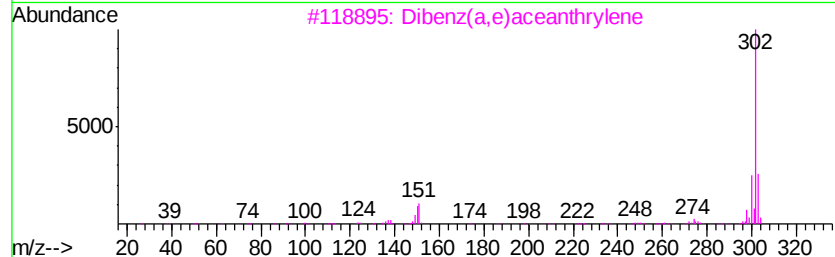
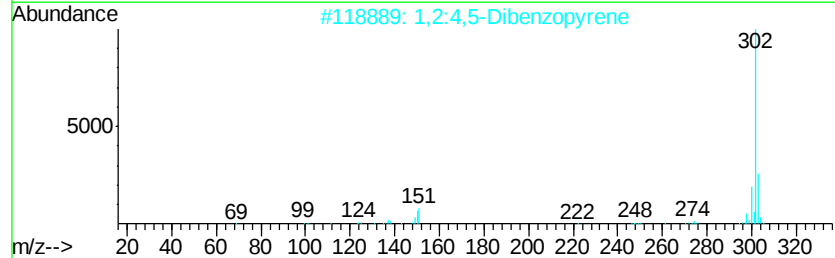
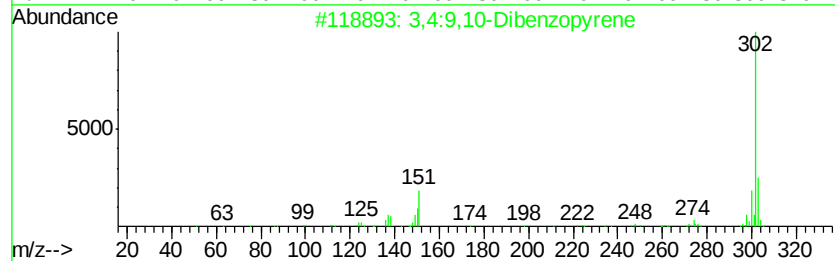
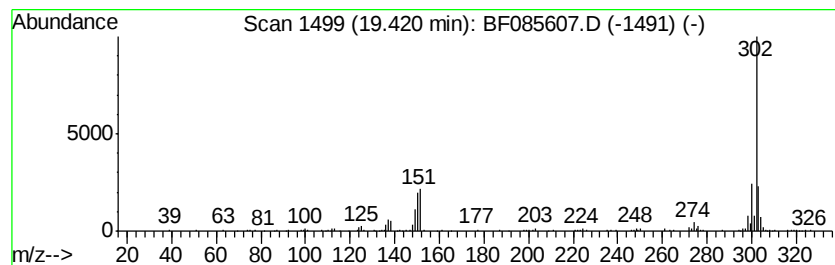
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:9,10-Dibenzopyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	17.99 ng	685323	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	99
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	97
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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...	5.04	7.7	ng	278129	1	6.85	725168	20.0
unknown6.62	6.62	68.8	ng	2492760	1	6.85	725168	20.0
Benzene, [1-(2,4-...	10.50	8.4	ng	522805	3	9.89	1240920	20.0
Dibenzofuran, 4-m...	10.60	7.3	ng	450910	3	9.89	1240920	20.0
Hexadecane	14.78	10.5	ng	400723	6	15.45	761925	20.0
4,5-Dihydrobenzo[...	14.88	14.7	ng	559943	6	15.45	761925	20.0
Dinaphtho[1,2-b:1...	15.23	12.1	ng	460797	6	15.45	761925	20.0
unknown15.28	15.28	7.4	ng	280788	6	15.45	761925	20.0
11H-Indeno[2,1-a]...	15.87	7.2	ng	273695	6	15.45	761925	20.0
unknown16.53	16.53	14.5	ng	554081	6	15.45	761925	20.0
Benzo[b]triphenylene	17.02	12.3	ng	470111	6	15.45	761925	20.0
1,2:7,8-Dibenzoph...	17.08	11.6	ng	440197	6	15.45	761925	20.0
Dibenzo(a,c)fluor...	17.12	7.4	ng	282638	6	15.45	761925	20.0
Dibenzo[def,mno]c...	17.50	13.6	ng	518005	6	15.45	761925	20.0
Benzo[ghi]perylene...	18.38	9.4	ng	356481	6	15.45	761925	20.0
3,4:9,10-Dibenzop...	19.42	18.0	ng	685323	6	15.45	761925	20.0