

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
 Data File : BF084841.D
 Acq On : 4 Feb 2016 21:08
 Operator : SJ/IZ
 Sample : H1320-11 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B013(6-8)

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-BF020116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.795	235	237	249	rVB	589761	746991	12.39%	1.012%
2	5.253	275	277	280	rBV	696716	642007	10.65%	0.870%
3	6.316	368	370	372	rBV	1323546	1114867	18.50%	1.511%
4	6.441	378	381	383	rBV	730863	938293	15.57%	1.272%
5	6.670	399	401	403	rBV	1176618	975610	16.19%	1.322%
6	6.830	412	415	417	rBV	760447	815159	13.52%	1.105%
7	7.241	448	451	453	rBV	695515	697489	11.57%	0.945%
8	7.961	511	514	515	rBV	1423947	1340503	22.24%	1.817%
9	9.036	606	608	610	rBV	1374114	1110477	18.42%	1.505%
10	9.299	628	631	634	rBV	104848	152610	2.53%	0.207%
11	9.367	635	637	639	rBV	209130	264431	4.39%	0.358%
12	9.436	641	643	645	rBV	189245	172803	2.87%	0.234%
13	9.482	645	647	650	rVB2	92591	171381	2.84%	0.232%
14	9.573	652	655	657	rVB	194706	223865	3.71%	0.303%
15	9.710	664	667	668	rBV	1573139	1403188	23.28%	1.902%
16	9.745	668	670	672	rVB	460287	492403	8.17%	0.667%
17	9.916	682	685	687	rVB	351452	369808	6.14%	0.501%
18	10.030	693	695	696	rBV	125755	133127	2.21%	0.180%
19	10.122	700	703	705	rBV2	94198	193575	3.21%	0.262%
20	10.247	713	714	717	rBV2	369988	517306	8.58%	0.701%
21	10.316	717	720	721	rVV	102183	139024	2.31%	0.188%
22	10.373	723	725	727	rVV3	88538	159566	2.65%	0.216%
23	10.407	727	728	731	rVB	195006	262973	4.36%	0.356%
24	10.487	733	735	738	rVB	365110	536622	8.90%	0.727%
25	10.625	745	747	751	rVB	246825	341902	5.67%	0.463%
26	10.796	759	762	764	rBV3	142384	280568	4.65%	0.380%
27	10.933	771	774	778	rBV4	217585	515453	8.55%	0.699%
28	11.002	778	780	782	rVB2	167405	215886	3.58%	0.293%
29	11.047	782	784	785	rBV	213607	266210	4.42%	0.361%
30	11.082	785	787	791	rVB2	369132	509971	8.46%	0.691%
31	11.219	794	799	801	rBV2	5017922	6027632	100.00%	8.169%
32	11.265	801	803	805	rVB	1412494	1141192	18.93%	1.547%
33	11.299	805	806	809	rBV	169638	145387	2.41%	0.197%
34	11.425	813	817	818	rBV2	317739	379872	6.30%	0.515%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.493	821	823	828	rVB5	175207	393304	6.53%	0.533%
36	11.688	838	840	841	rBV	628453	649198	10.77%	0.880%
37	11.722	841	843	845	rVB	874673	879245	14.59%	1.192%
38	11.768	845	847	848	rBV	394106	376649	6.25%	0.510%
39	11.802	848	850	854	rBV2	1033736	1567334	26.00%	2.124%
40	11.882	854	857	858	rBV3	79037	155589	2.58%	0.211%
41	11.905	858	859	862	rVB	198885	211323	3.51%	0.286%
42	11.985	865	866	867	rVV	539924	453411	7.52%	0.615%
43	12.008	867	868	870	rVB	293596	302993	5.03%	0.411%
44	12.133	876	879	881	rBV2	205736	302631	5.02%	0.410%
45	12.168	881	882	885	rVB	174198	253055	4.20%	0.343%
46	12.236	886	888	890	rBV	387047	528930	8.78%	0.717%
47	12.293	890	893	894	rVV2	361431	583825	9.69%	0.791%
48	12.328	894	896	900	rVB	448901	486855	8.08%	0.660%
49	12.408	900	903	905	rBV	4982177	5393647	89.48%	7.310%
50	12.465	905	908	909	rVV3	122310	191348	3.17%	0.259%
51	12.545	912	915	916	rBV2	320169	449647	7.46%	0.609%
52	12.636	919	923	925	rVV2	3720915	5832331	96.76%	7.905%
53	12.671	925	926	931	rVB2	335733	409534	6.79%	0.555%
54	12.751	931	933	934	rBV	235643	407682	6.76%	0.553%
55	12.773	934	935	938	rVB2	1059283	1076420	17.86%	1.459%
56	12.842	938	941	945	rBV4	355585	787601	13.07%	1.067%
57	12.956	945	951	952	rVB2	438644	1037894	17.22%	1.407%
58	13.025	952	957	958	rBV3	417400	691066	11.46%	0.937%
59	13.059	958	960	961	rVV	510161	621849	10.32%	0.843%
60	13.151	966	968	969	rVB	293298	290701	4.82%	0.394%
61	13.173	969	970	974	rBV2	253956	380373	6.31%	0.516%
62	13.253	976	977	980	rVB3	140252	188922	3.13%	0.256%
63	13.368	982	987	989	rBV5	270441	558684	9.27%	0.757%
64	13.459	992	995	997	rBV	406675	470898	7.81%	0.638%
65	13.562	1002	1004	1006	rBV2	280822	495791	8.23%	0.672%
66	13.596	1006	1007	1008	rVV	405619	371226	6.16%	0.503%
67	13.665	1012	1013	1018	rVB3	256130	507983	8.43%	0.688%
68	13.813	1023	1026	1028	rBV2	2253359	3623734	60.12%	4.911%
69	13.848	1028	1029	1033	rVB	1879912	1619871	26.87%	2.195%
70	13.928	1033	1036	1037	rVB2	257273	272180	4.52%	0.369%
71	14.008	1041	1043	1046	rVB3	223192	249355	4.14%	0.338%

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72	14.168	1056	1057	1058	rVV	132221	149009	2.47%	0.202%
73	14.202	1058	1060	1062	rVV	331971	560721	9.30%	0.760%
74	14.236	1062	1063	1065	rVV	187701	280064	4.65%	0.380%
75	14.305	1066	1069	1075	rVV3	240551	940526	15.60%	1.275%
76	14.408	1076	1078	1081	rVV2	149720	242308	4.02%	0.328%
77	14.511	1085	1087	1088	rVV	175295	214330	3.56%	0.290%
78	14.602	1092	1095	1098	rVV3	184550	401023	6.65%	0.544%
79	14.682	1099	1102	1105	rVV2	168054	369305	6.13%	0.501%
80	14.739	1105	1107	1109	rVV2	93505	162537	2.70%	0.220%
81	14.831	1112	1115	1119	rVV	1465798	3200176	53.09%	4.337%
82	14.911	1119	1122	1124	rVV3	372866	529549	8.79%	0.718%
83	15.014	1127	1131	1132	rBV2	101685	220966	3.67%	0.299%
84	15.094	1135	1138	1140	rVV	867943	1370381	22.73%	1.857%
85	15.151	1140	1143	1145	rVB	1351922	1865014	30.94%	2.528%
86	15.196	1145	1147	1148	rBV	693845	820723	13.62%	1.112%
87	15.219	1148	1149	1154	rVB2	399998	679908	11.28%	0.922%
88	15.619	1182	1184	1186	rBV	92546	131534	2.18%	0.178%
89	15.688	1188	1190	1195	rVV4	78635	152796	2.53%	0.207%
90	15.802	1198	1200	1205	rVB4	96305	194237	3.22%	0.263%
91	16.179	1231	1233	1241	rVB6	127172	354191	5.88%	0.480%
92	16.317	1242	1245	1246	rBV2	95070	191383	3.18%	0.259%
93	16.488	1256	1260	1263	rVB	638288	1288069	21.37%	1.746%
94	16.637	1270	1273	1275	rBV	134949	266616	4.42%	0.361%
95	16.682	1275	1277	1279	rBV2	118687	172504	2.86%	0.234%
96	16.865	1290	1293	1299	rVB	561663	1121520	18.61%	1.520%
97	17.071	1308	1311	1317	rVB	180395	403414	6.69%	0.547%
98	17.871	1378	1381	1394	rVB4	58625	290831	4.82%	0.394%
99	18.820	1459	1464	1470	rVB	139967	466212	7.73%	0.632%
100	18.980	1473	1478	1481	rBV	84712	271497	4.50%	0.368%

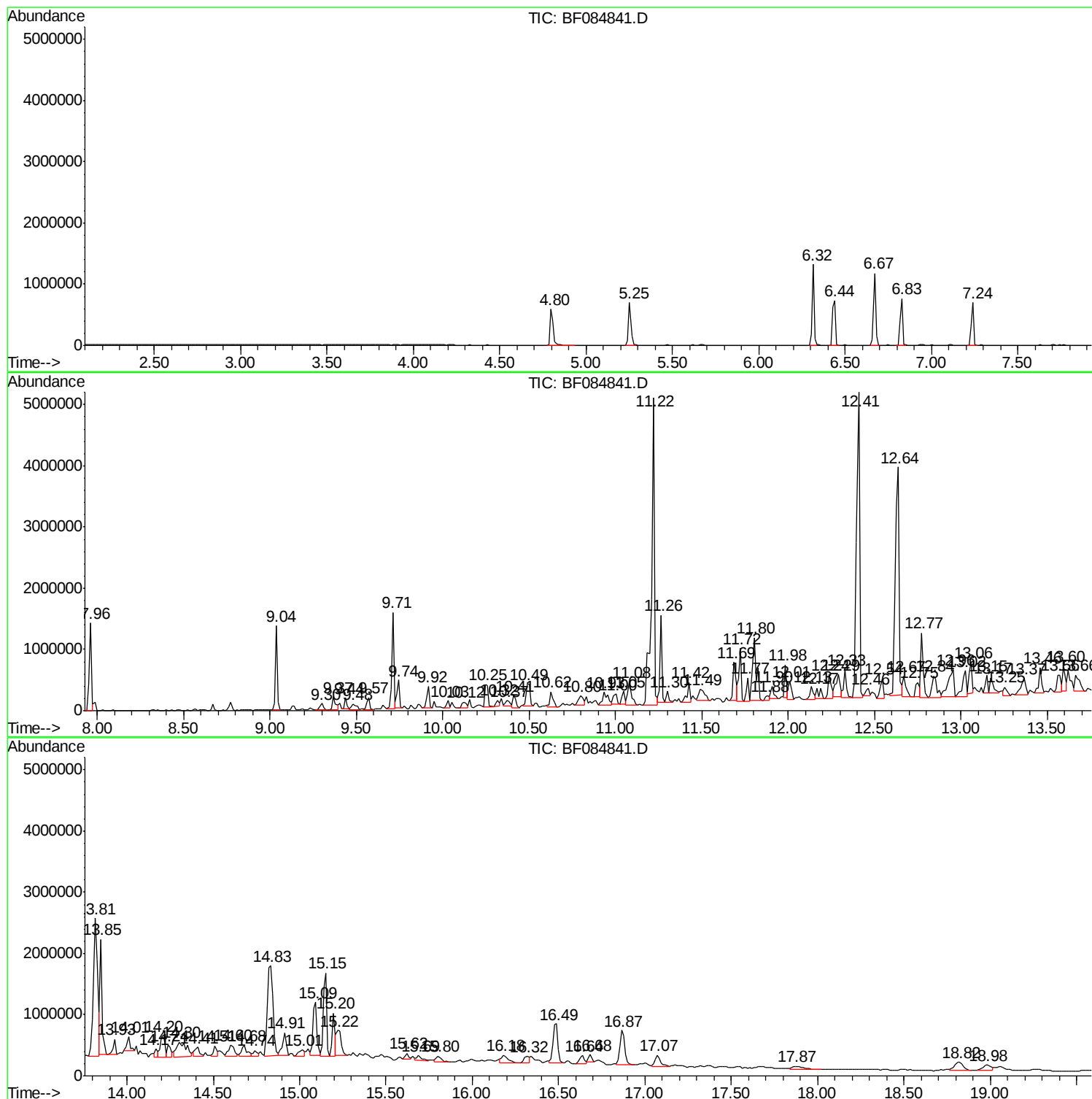
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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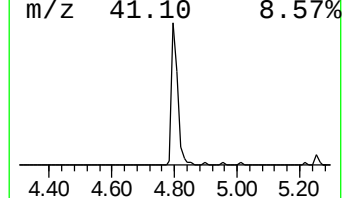
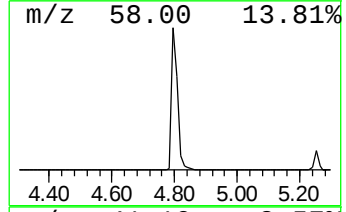
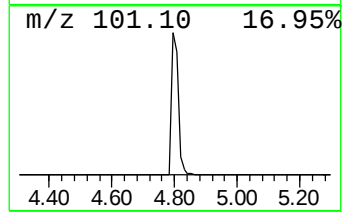
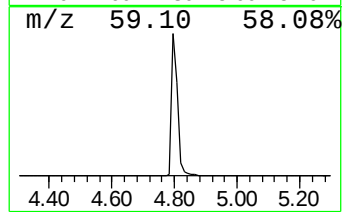
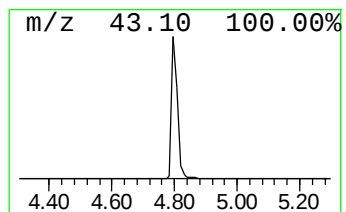
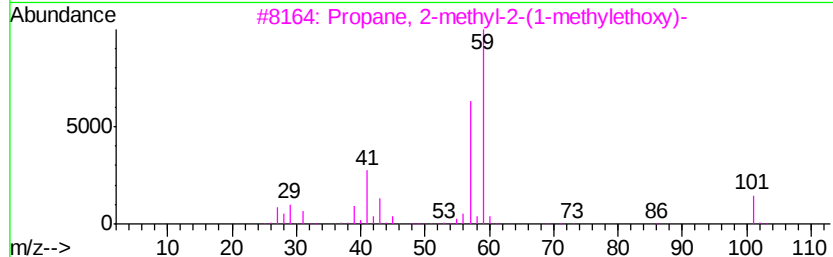
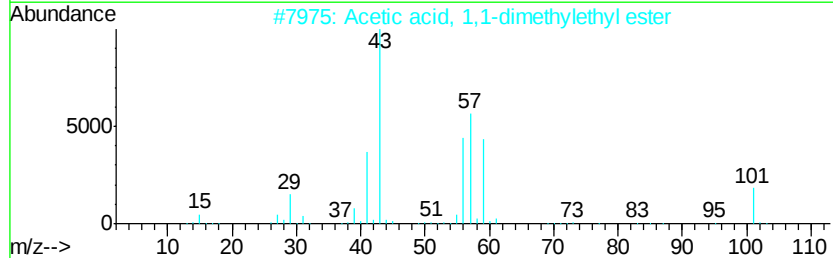
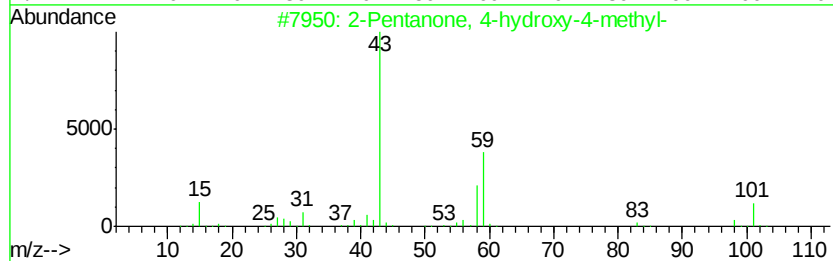
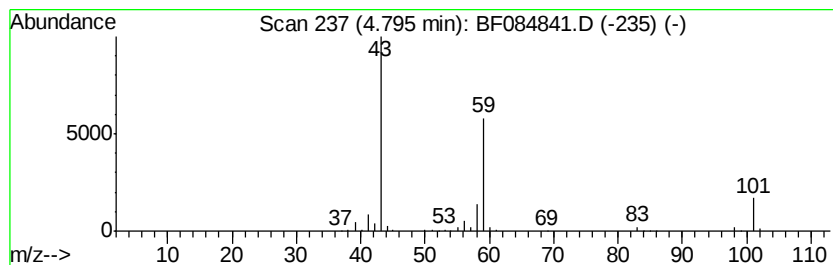
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	15.31 ng	746991	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
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	36
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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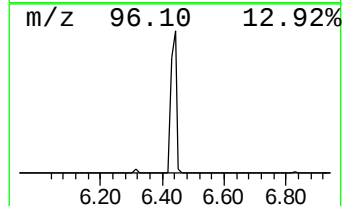
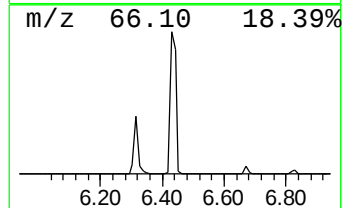
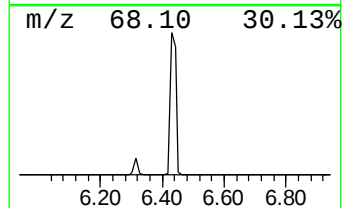
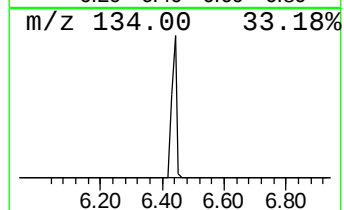
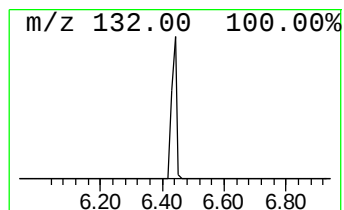
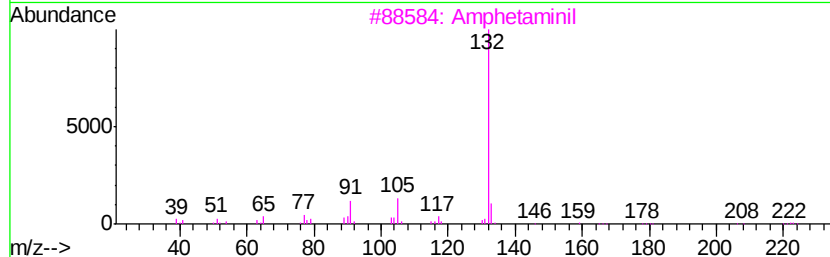
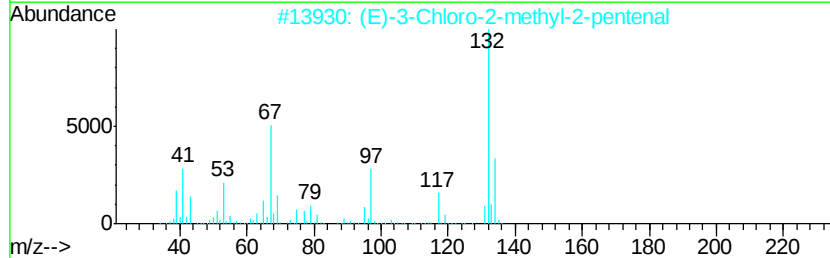
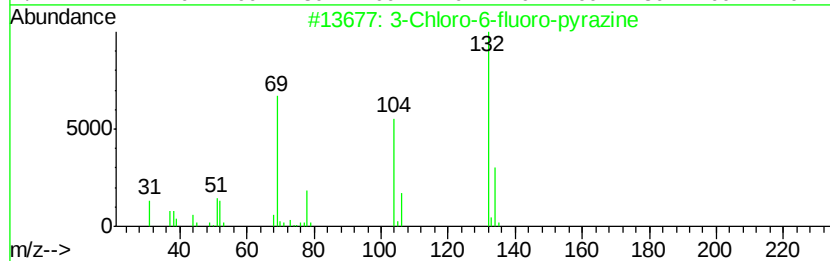
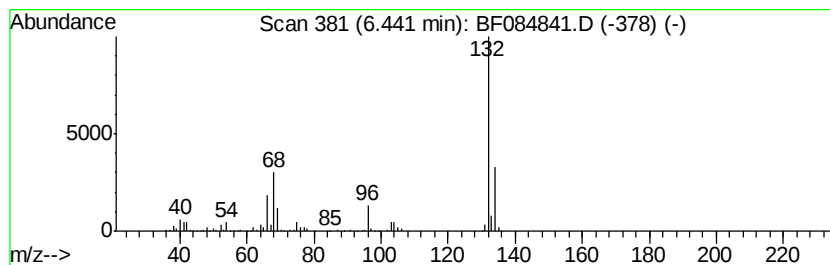
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 3-Chloro-6-fluoro-pyrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	19.24 ng	938293	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	52
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	33
3		Amphetaminil	250	C17H18N2	017590-01-1	25
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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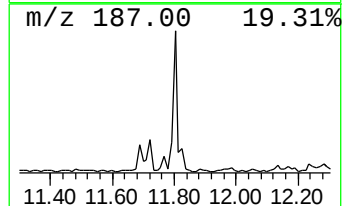
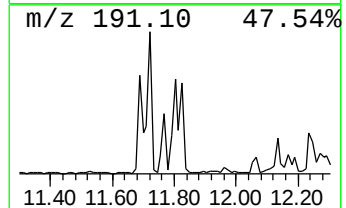
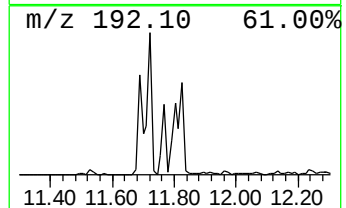
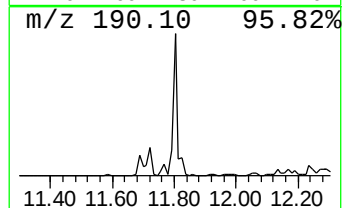
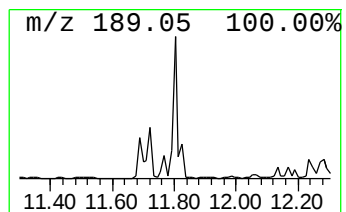
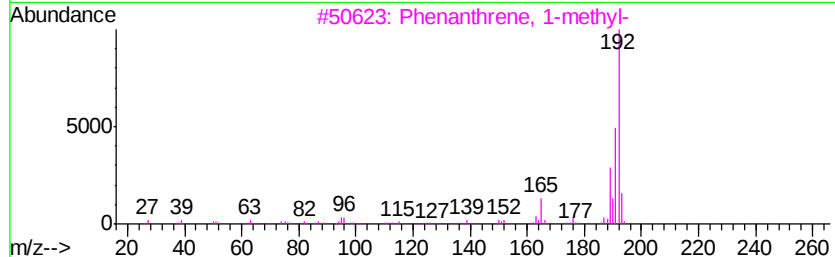
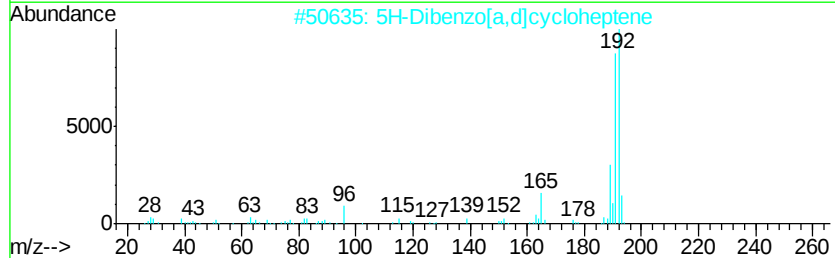
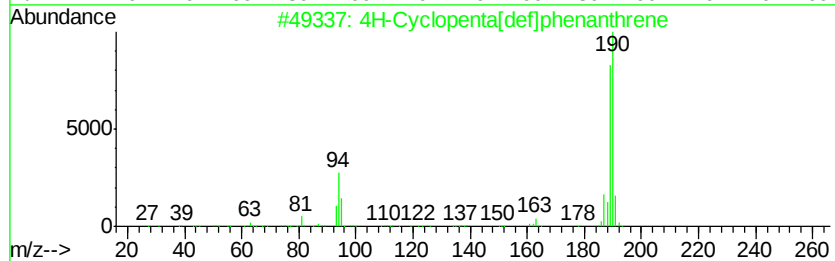
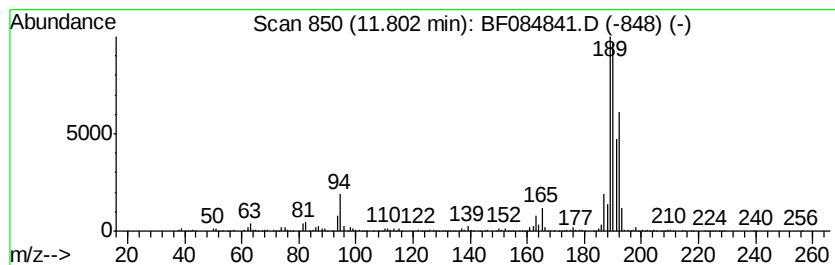
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.20 ng	1567330	Phenanthrene-d10	11.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
4		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	25
5		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25



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Data File : BF084841.D
Acq On : 4 Feb 2016 21:08
Operator : SJ/IZ
Sample : H1320-11 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B013(6-8)

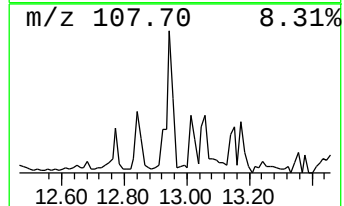
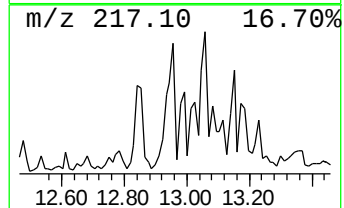
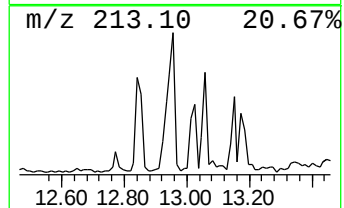
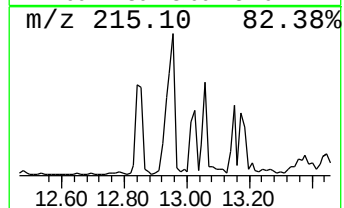
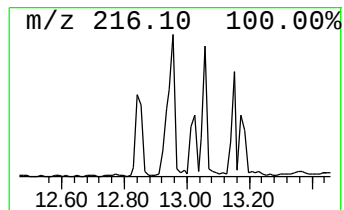
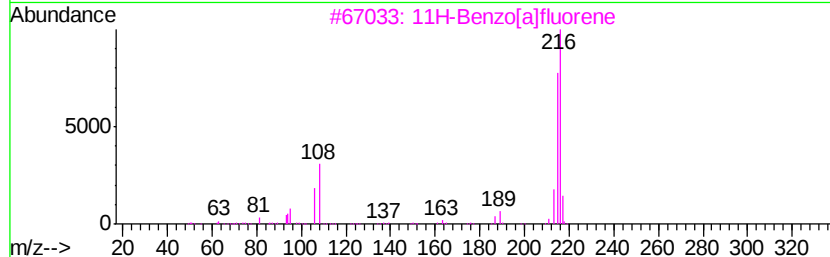
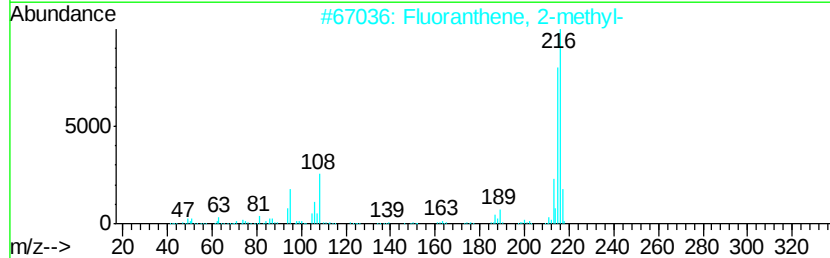
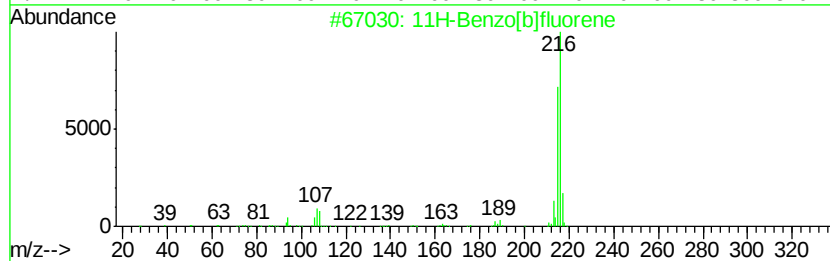
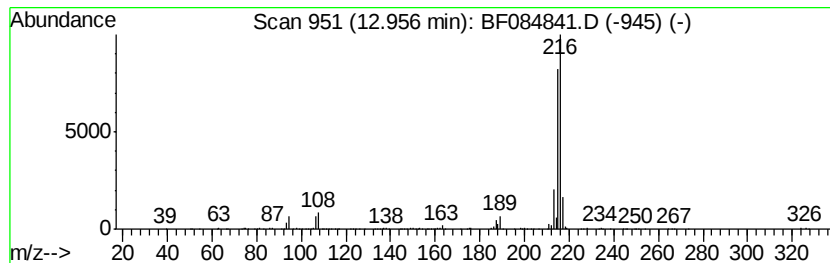
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	5.73 ng	1037890	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
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Acq On : 4 Feb 2016 21:08
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ClientSampleId :
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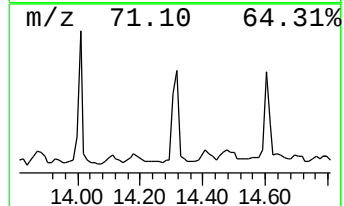
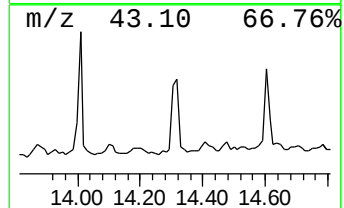
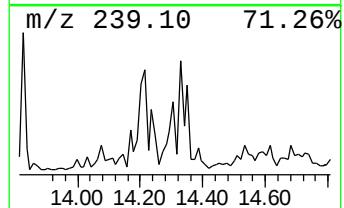
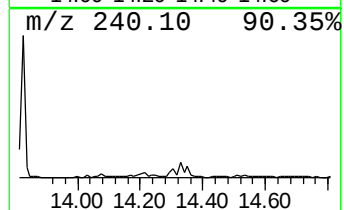
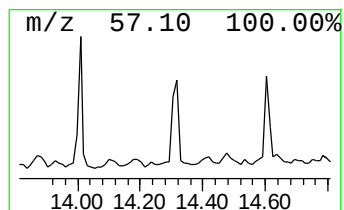
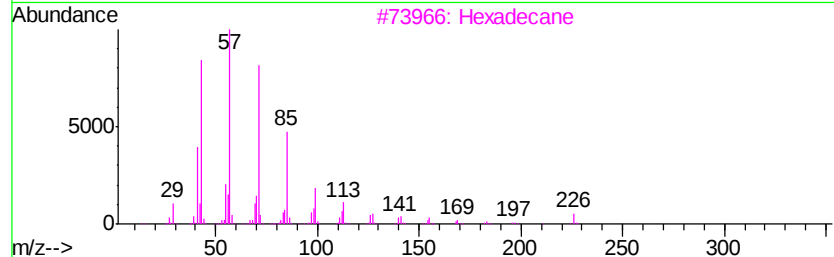
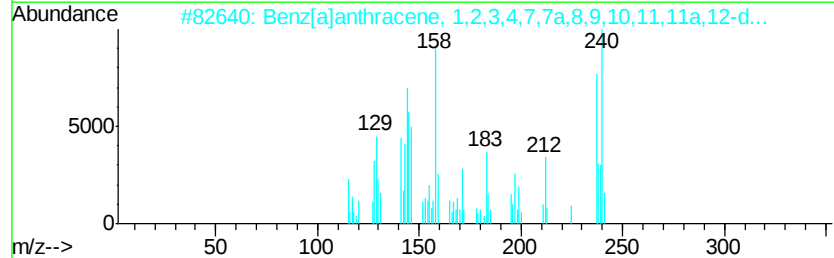
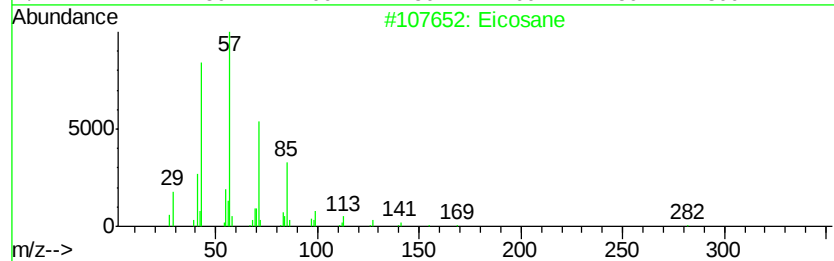
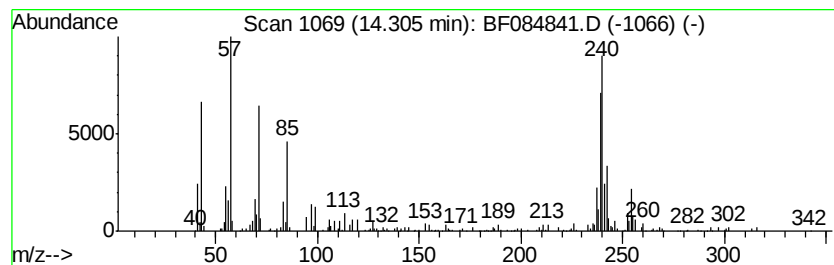
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown14.31 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	5.19 ng	940526	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	44
2		Benz[a]anthracene, 1,2,3,4,7,7a,...	240	C18H24	016452-37-2	35
3		Hexadecane	226	C16H34	000544-76-3	25
4		Cyclohexane, hexaethylidene-	240	C18H24	001482-93-5	18
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084841.D
Acq On : 4 Feb 2016 21:08
Operator : SJ/IZ
Sample : H1320-11 5X
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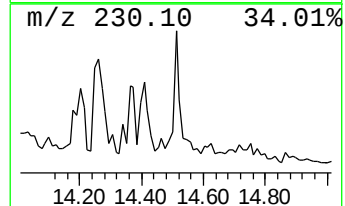
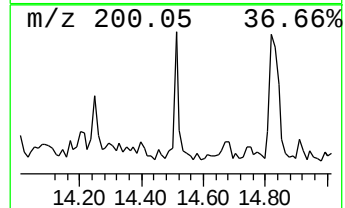
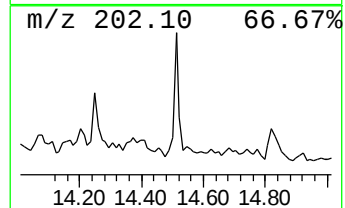
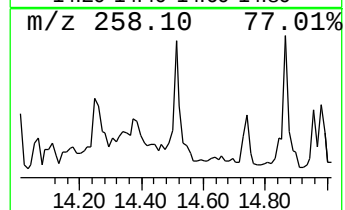
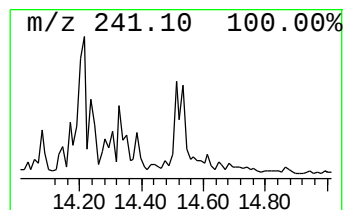
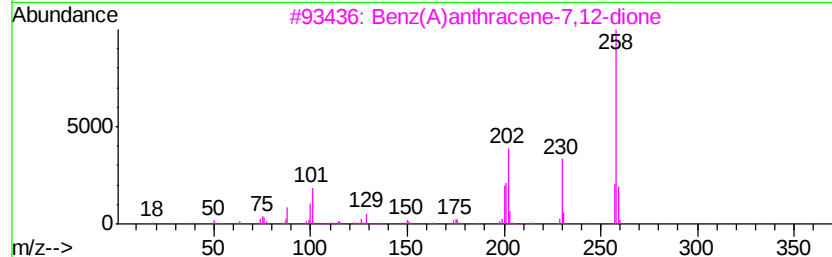
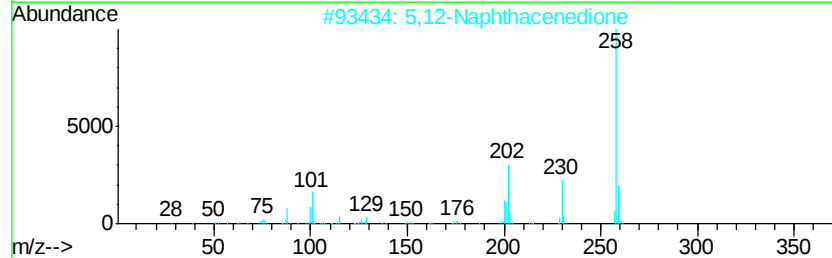
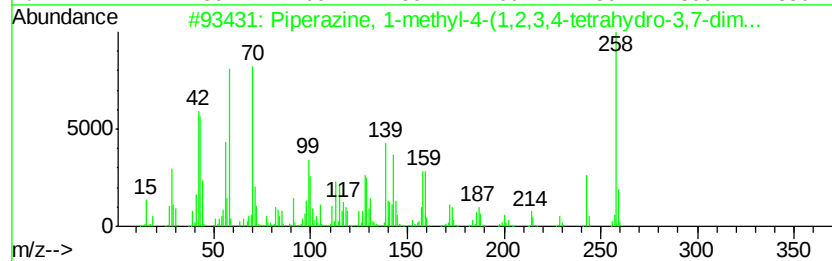
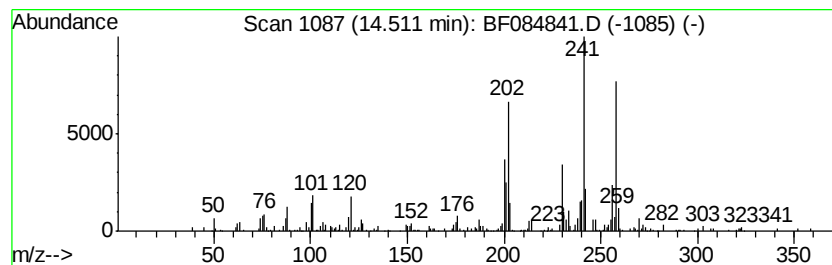
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Piperazine, 1-methyl-4-(1,2... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.51	5.22 ng	214330	Perylene-d12	15.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	90	
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	70	
3	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	55	
4	3,5-Bis(trifluoromethyl)benzoic ...	258	C9H4F6O2	000725-89-3	38	
5	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	38	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
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Acq On : 4 Feb 2016 21:08
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Sample : H1320-11 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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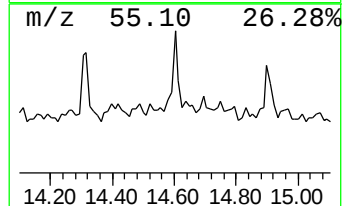
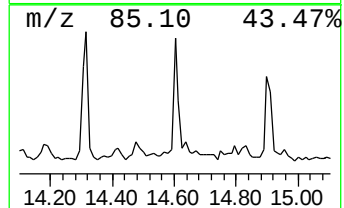
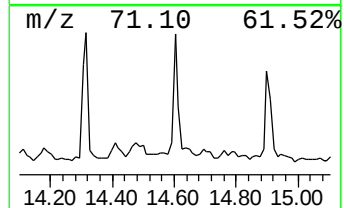
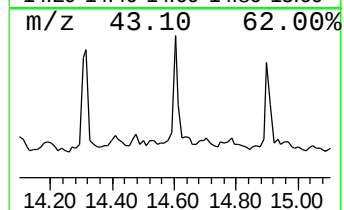
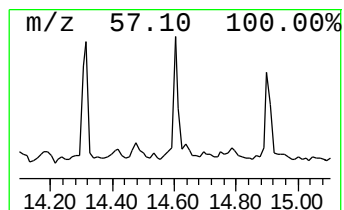
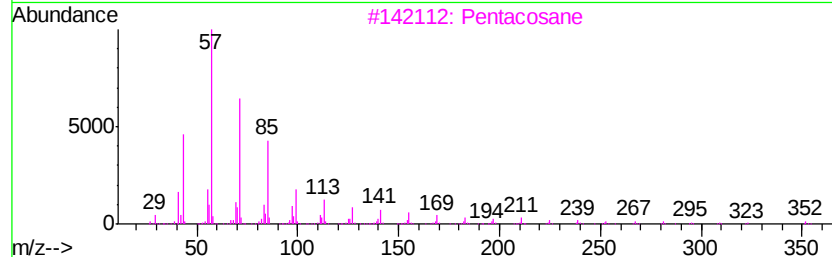
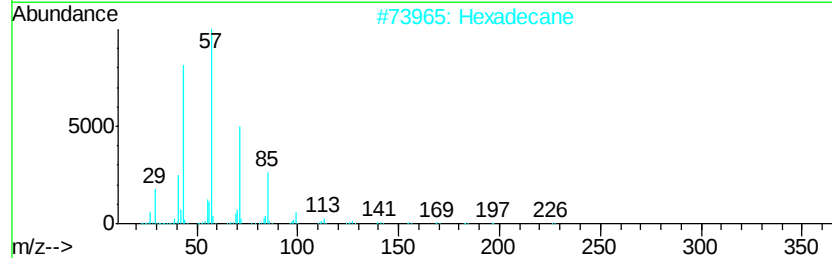
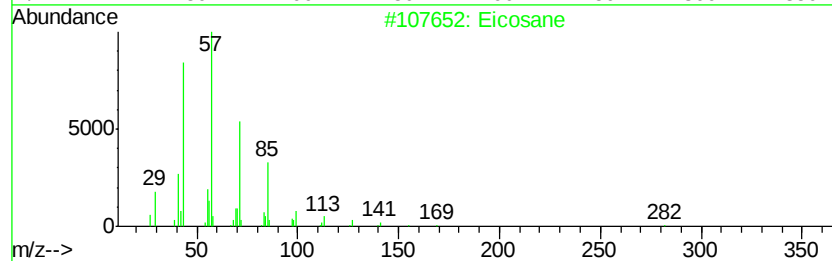
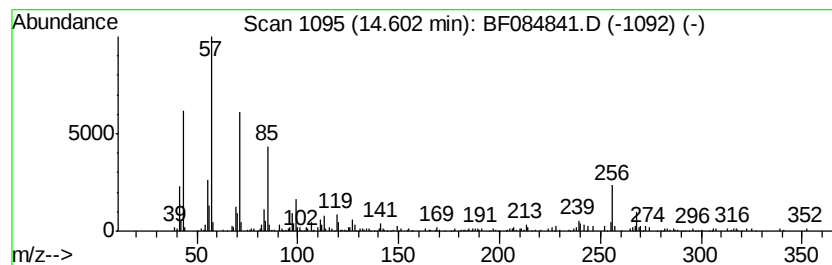
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	9.77 ng	401023	Perylene-d12	15.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	97
2	Hexadecane		226	C16H34	000544-76-3	93
3	Pentacosane		352	C25H52	000629-99-2	93
4	Heneicosane		296	C21H44	000629-94-7	92
5	Nonadecane		268	C19H40	000629-92-5	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084841.D
Acq On : 4 Feb 2016 21:08
Operator : SJ/IZ
Sample : H1320-11 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B013(6-8)

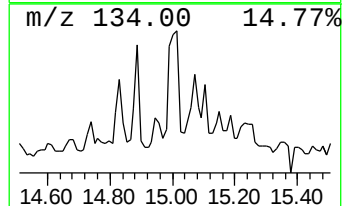
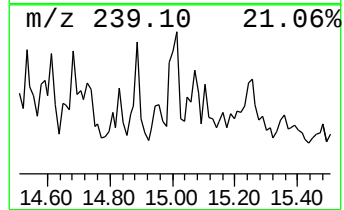
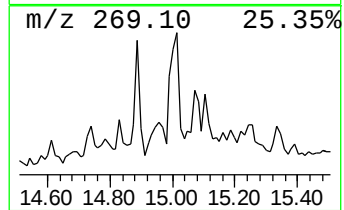
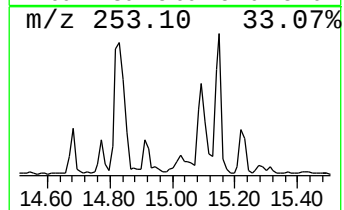
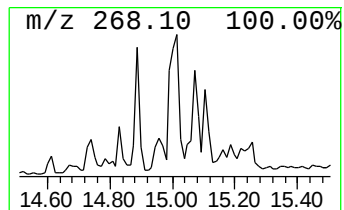
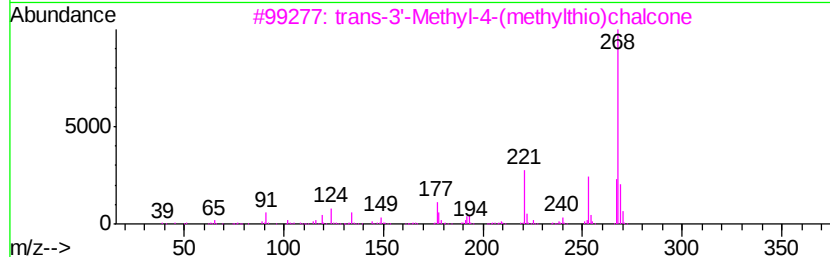
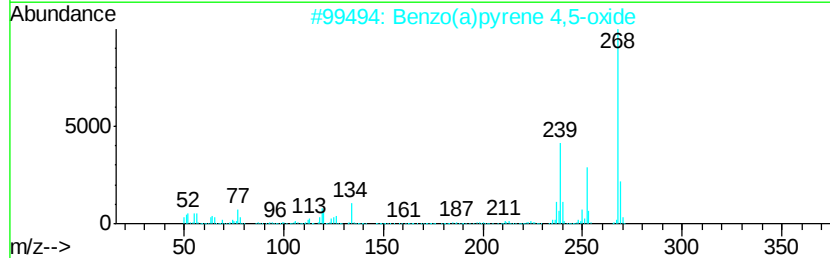
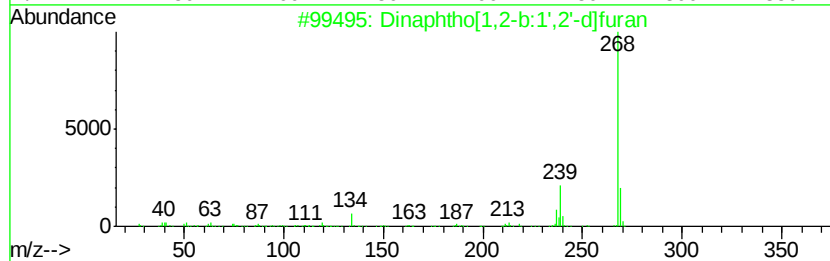
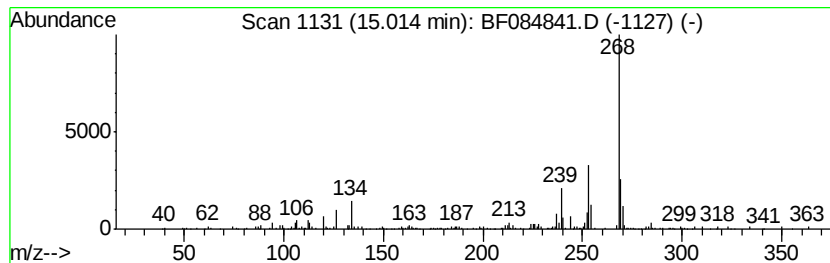
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	5.38 ng	220966	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	64
4		trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	64
5		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
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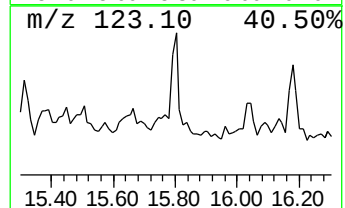
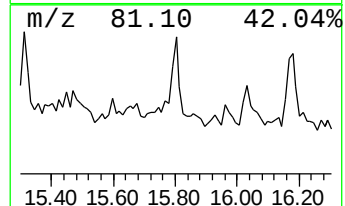
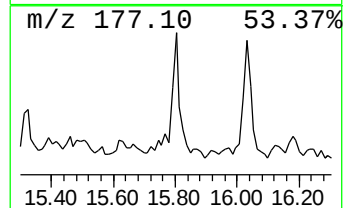
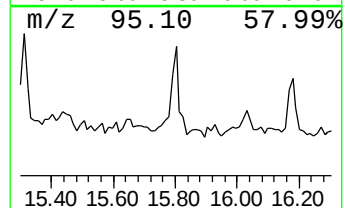
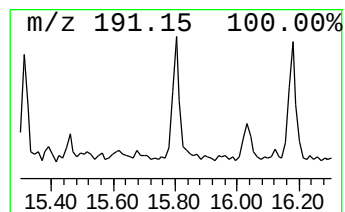
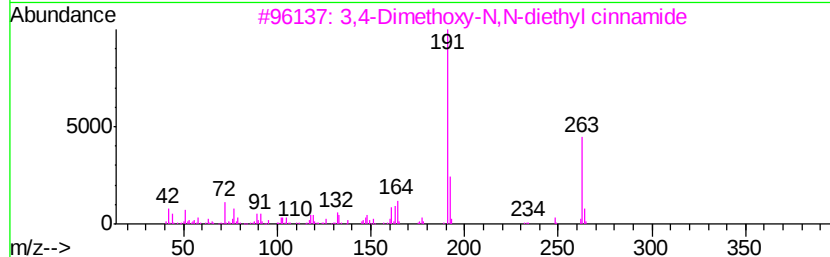
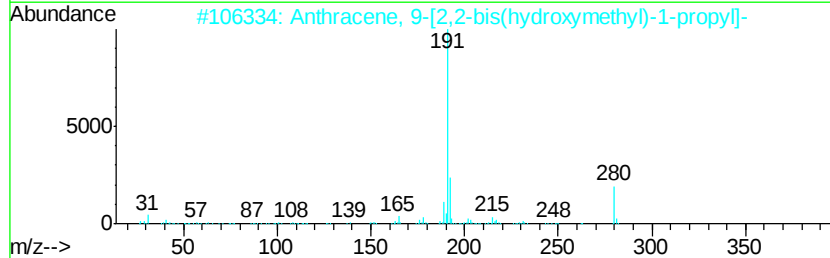
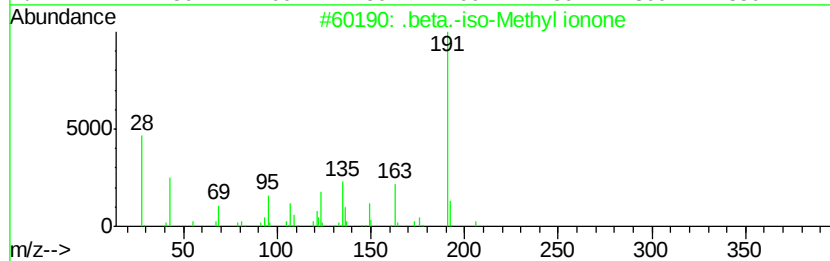
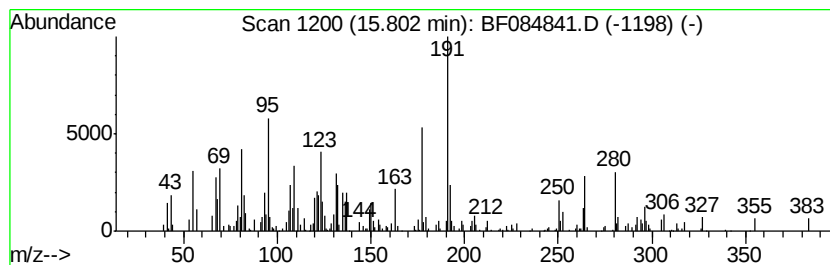
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown15.80 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	4.73 ng	194237	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	25
2		Anthracene, 9-[2,2-bis(hydroxyme...	280	C19H20O2	144000-85-1	22
3		3,4-Dimethoxy-N,N-diethyl cinnamide	263	C15H21NO3	185410-48-4	22
4		Benzene, 1,4-bis(1-methoxycarbon...	250	C14H18O4	1000162-72-7	18
5		(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	16



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
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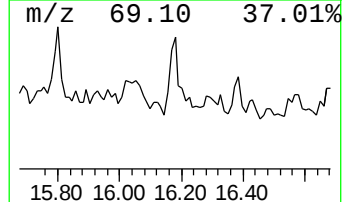
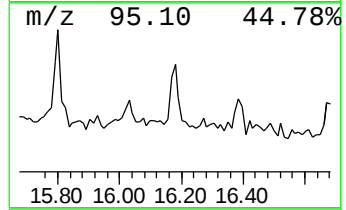
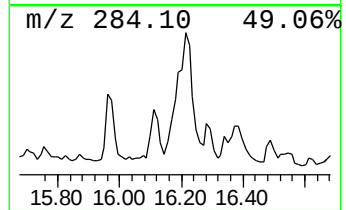
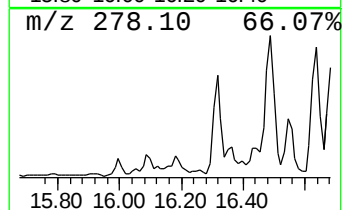
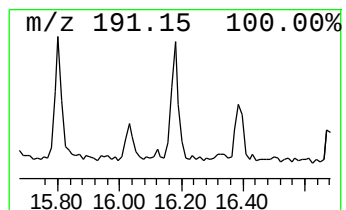
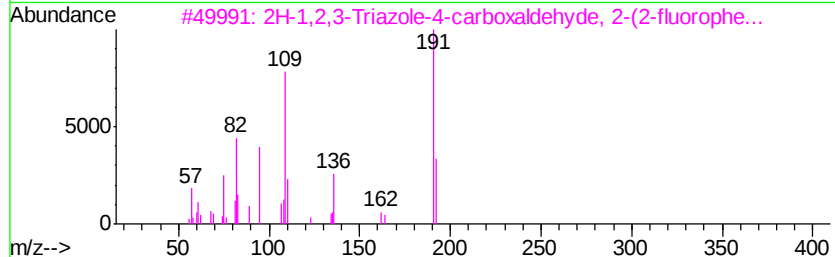
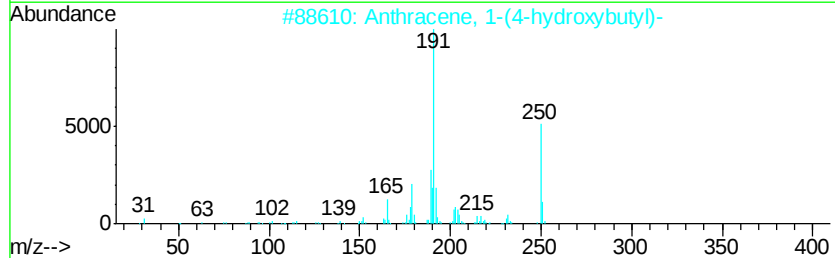
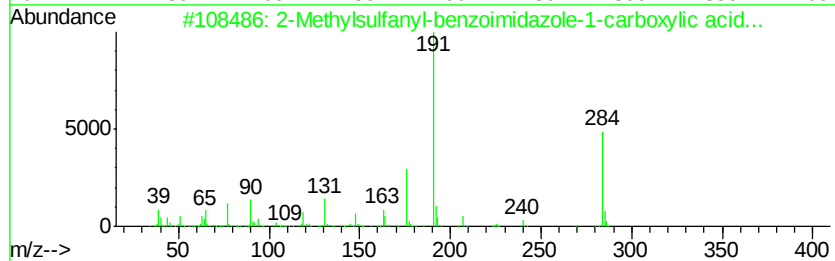
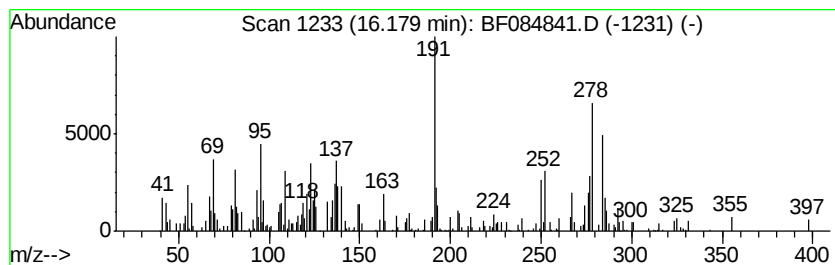
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.18 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	8.63 ng	354191	Perylene-d12	15.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylsulfanyl-benzimidazole-...	284	C15H12N2O2S	1000294-32-8	27
2			Anthracene, 1-(4-hydroxybutyl)-	250	C18H18O	1000156-00-8	25
3			2H-1,2,3-Triazole-4-carboxaldehv...	191	C9H6FN3O	051306-43-5	22
4			.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	18
5			Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084841.D
Acq On : 4 Feb 2016 21:08
Operator : SJ/IZ
Sample : H1320-11 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B013(6-8)

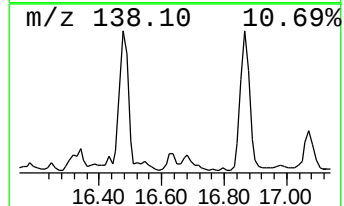
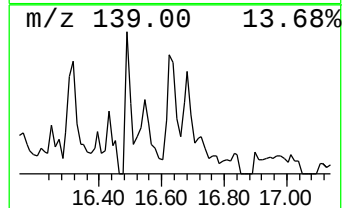
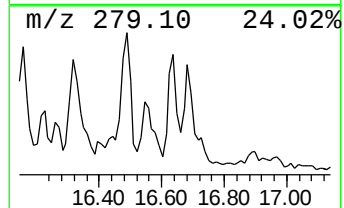
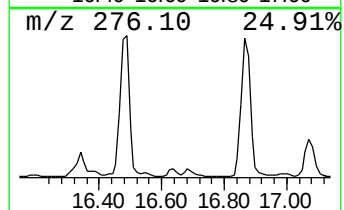
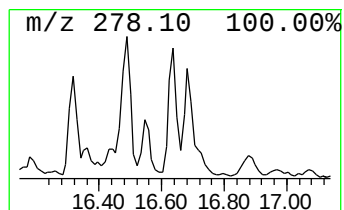
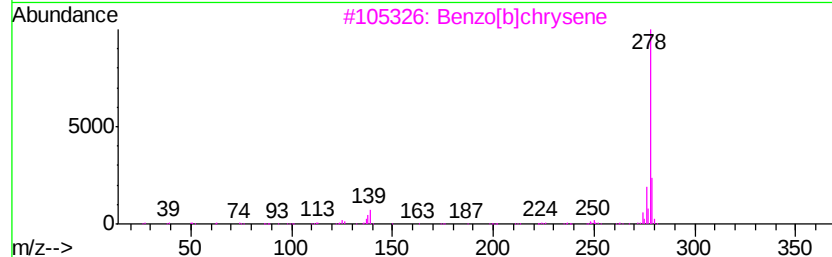
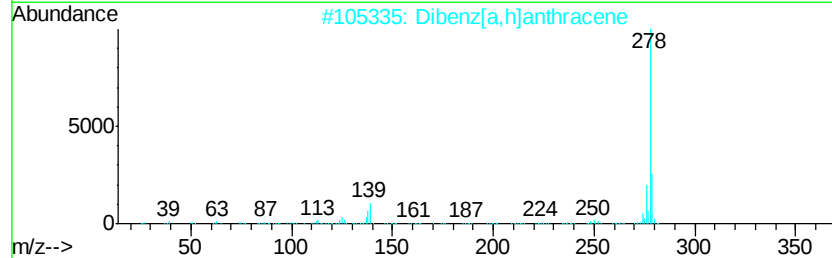
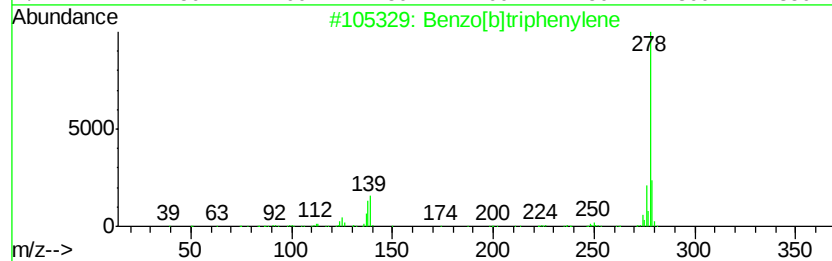
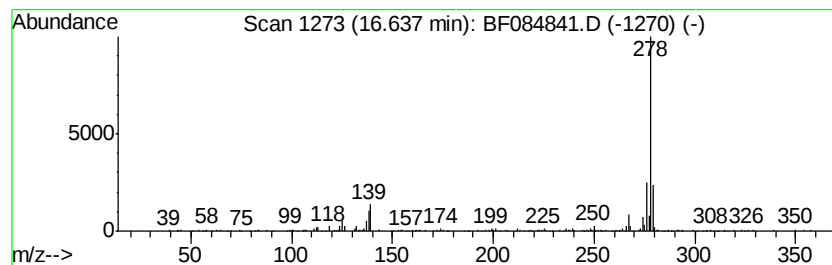
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[b]triphenylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	6.50 ng	266616	Perylene-d12	15.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3			Benzo[b]chrysene	278	C22H14	000214-17-5	98
4			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	94
5			Pentacene	278	C22H14	000135-48-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084841.D
Acq On : 4 Feb 2016 21:08
Operator : SJ/IZ
Sample : H1320-11 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B013(6-8)

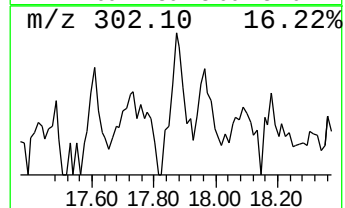
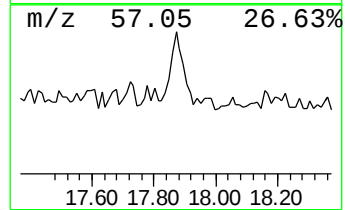
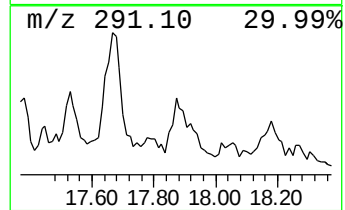
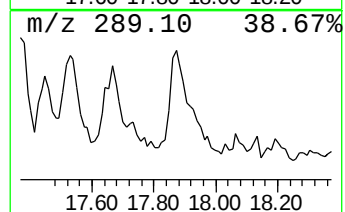
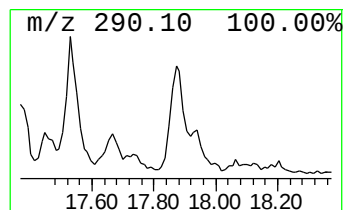
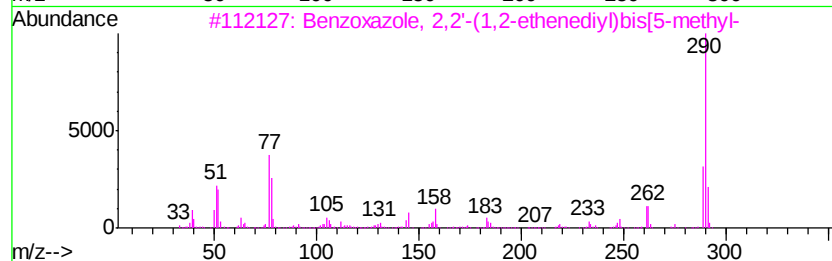
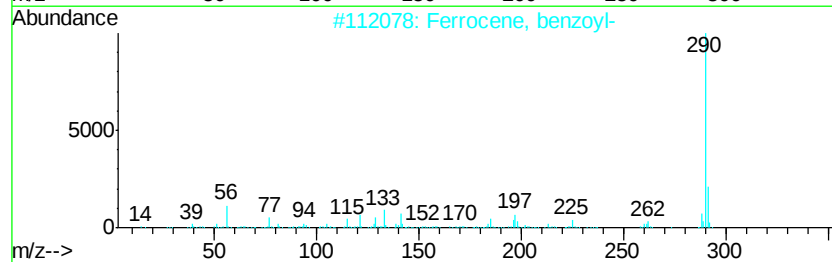
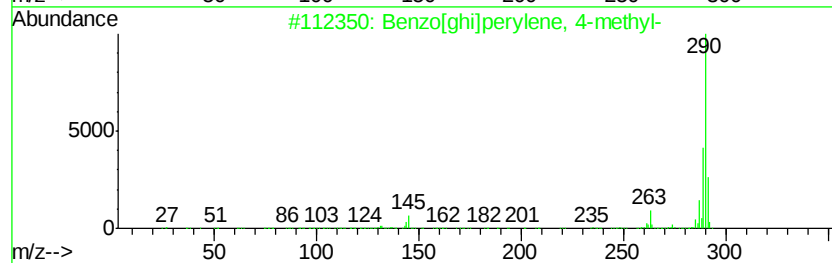
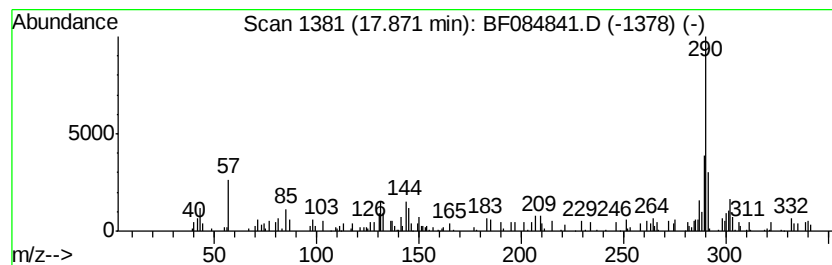
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[ghi]perylene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	7.09 ng	290831	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[ghi]perylene, 4-methyl-	290	C23H14	019224-38-5	64
2		Ferrocene, benzoyl-	290	C17H14FeO	001272-44-2	43
3		Benzoxazole, 2,2'-(1,2-ethenediyl)bis[5-methyl-	290	C18H14N2O2	001041-00-5	42
4		2,3,4,4a,7,9,10,11-Octahydro-1H,...	290	C15H18N2S2	1000148-63-3	38
5		1,2,3,4,7b,8,9,10,11,11a,12,13-D...	290	C22H26	000153-29-7	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
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Operator : SJ/IZ
Sample : H1320-11 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B013(6-8)

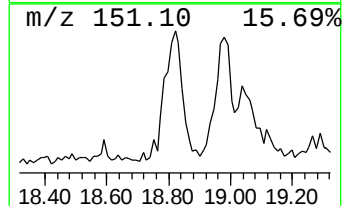
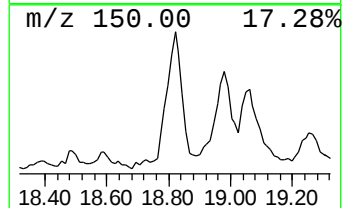
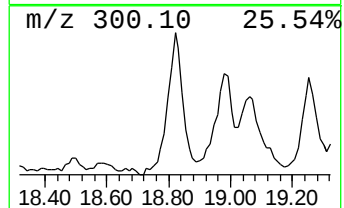
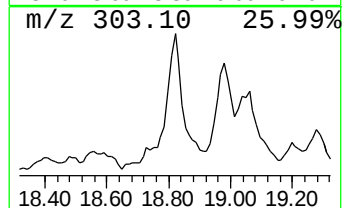
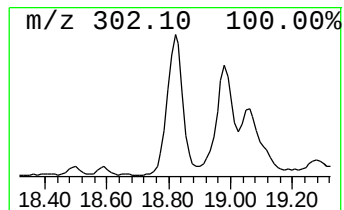
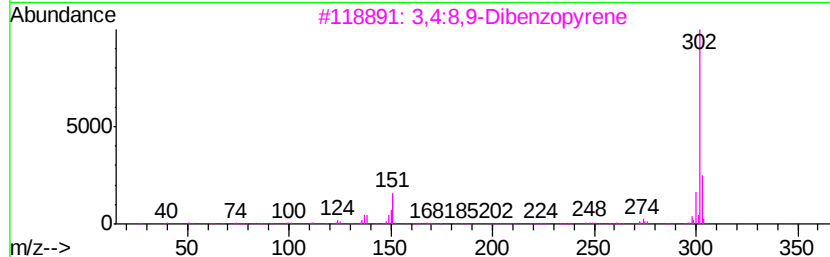
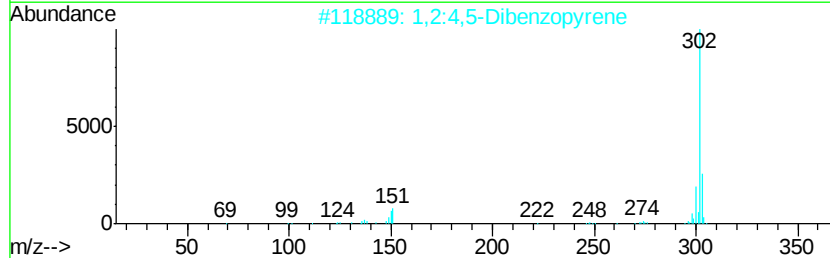
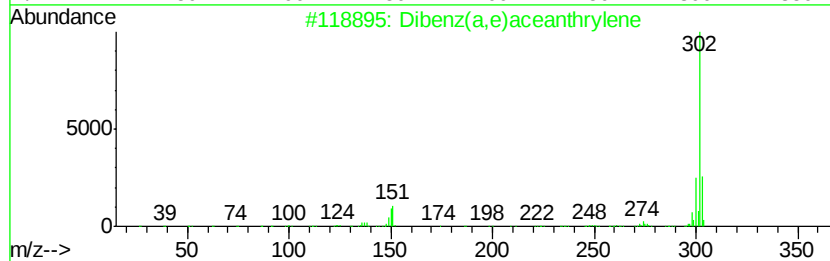
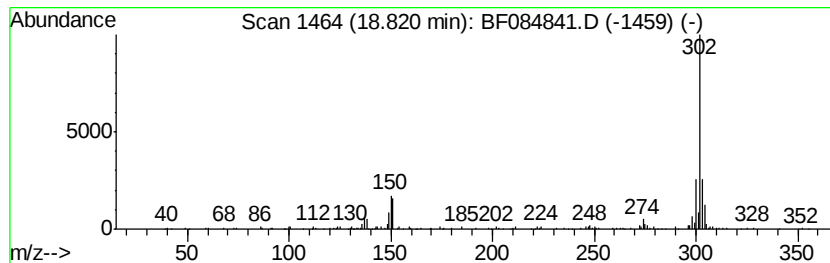
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenz(a,e)aceanthrylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	11.36 ng	466212	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	94
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
4		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084841.D
Acq On : 4 Feb 2016 21:08
Operator : SJ/IZ
Sample : H1320-11 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B013(6-8)

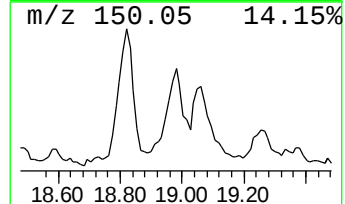
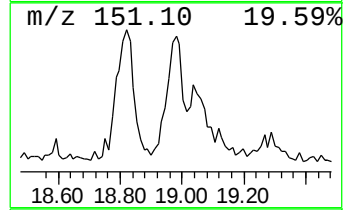
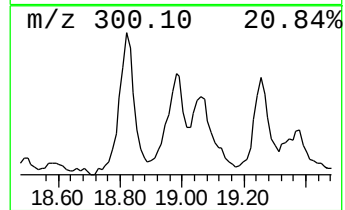
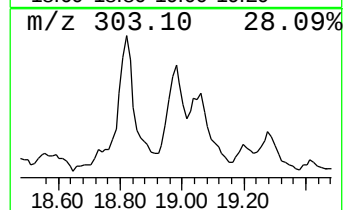
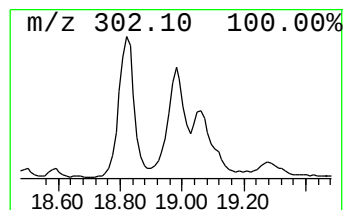
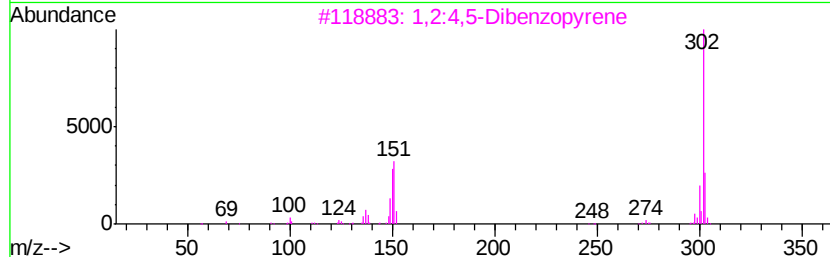
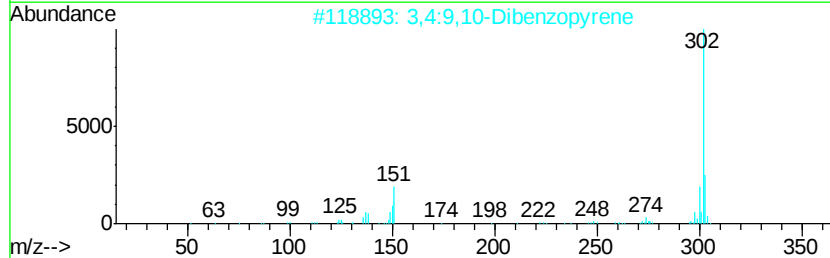
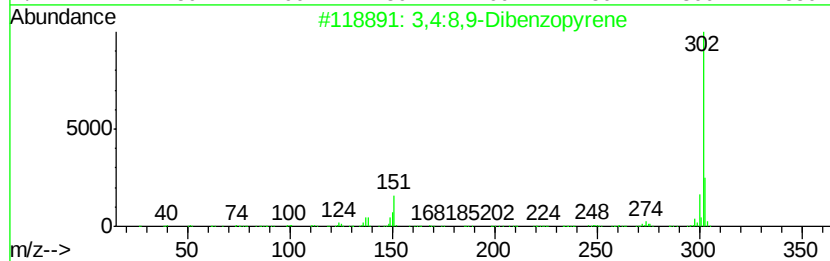
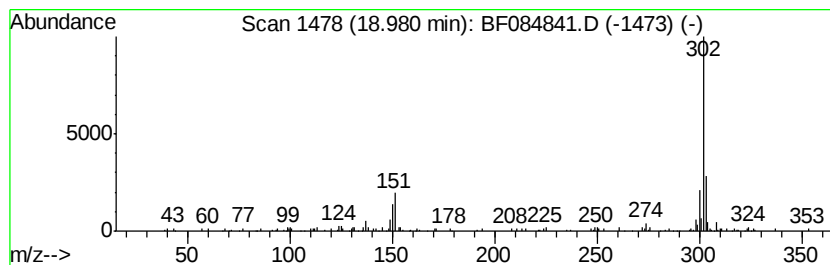
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	6.62 ng	271497	Perylene-d12	15.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
2			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
3			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	91
4			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	86
5			Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084841.D
 Acq On : 4 Feb 2016 21:08
 Operator : SJ/IZ
 Sample : H1320-11 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.80	15.3	ng	746991	1	6.67	975610	20.0
3-Chloro-6-fluoro...	6.44	19.2	ng	938293	1	6.67	975610	20.0
4H-Cyclopenta[def...	11.80	5.2	ng	1567330	4	11.18	6027630	20.0
11H-Benzo[b]fluorene	12.96	5.7	ng	1037890	5	13.82	3623730	20.0
unknown14.31	14.31	5.2	ng	940526	5	13.82	3623730	20.0
Piperazine, 1-met...	14.51	5.2	ng	214330	6	15.20	820723	20.0
Eicosane	14.60	9.8	ng	401023	6	15.20	820723	20.0
Dinaphtho[1,2-b:1...	15.01	5.4	ng	220966	6	15.20	820723	20.0
unknown15.80	15.80	4.7	ng	194237	6	15.20	820723	20.0
unknown16.18	16.18	8.6	ng	354191	6	15.20	820723	20.0
Benzo[b]triphenylene	16.64	6.5	ng	266616	6	15.20	820723	20.0
Benzo[ghi]perylene...	17.87	7.1	ng	290831	6	15.20	820723	20.0
Dibenz(a,e)aceant...	18.82	11.4	ng	466212	6	15.20	820723	20.0
3,4:8,9-Dibenzopy...	18.98	6.6	ng	271497	6	15.20	820723	20.0