

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111317\
 Data File : BF100508.D
 Acq On : 13 Nov 2017 18:13
 Operator : SJ/JU
 Sample : I6301-07 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-D

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-BF110817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF100509.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.498	406	410	414	rBB	15531	16338	1.57%	0.112%
2	5.110	510	514	522	rBV	163711	184151	17.73%	1.265%
3	5.504	575	581	584	rBV	1102471	982746	94.64%	6.750%
4	6.510	747	752	760	rBV	1009919	1032233	99.40%	7.090%
5	6.657	773	777	780	rBV	1220127	1038425	100.00%	7.133%
6	6.892	813	817	820	rVB	626987	493731	47.55%	3.391%
7	7.045	839	843	847	rBV	944482	777653	74.89%	5.342%
8	7.451	907	912	915	rBV	749935	597447	57.53%	4.104%
9	8.175	1031	1035	1037	rBV	758106	613122	59.04%	4.211%
10	8.192	1037	1038	1041	rVB	55117	34154	3.29%	0.235%
11	8.722	1125	1128	1132	rVB	83810	70428	6.78%	0.484%
12	8.886	1153	1156	1159	rBV	25019	20552	1.98%	0.141%
13	8.986	1169	1173	1176	rVB2	19497	19785	1.91%	0.136%
14	9.245	1213	1217	1220	rBV	1322160	1025728	98.78%	7.045%
15	9.322	1227	1230	1233	rBV2	18132	17901	1.72%	0.123%
16	9.504	1258	1261	1266	rBV2	10782	14709	1.42%	0.101%
17	9.580	1271	1274	1277	rVV	18564	17688	1.70%	0.121%
18	9.633	1281	1283	1287	rBV	160406	142454	13.72%	0.978%
19	9.786	1306	1309	1312	rBV	41827	35401	3.41%	0.243%
20	9.851	1312	1320	1322	rBV2	19726	27000	2.60%	0.185%
21	9.927	1329	1333	1336	rVV2	705820	577479	55.61%	3.967%
22	9.957	1336	1338	1342	rVB	47590	36858	3.55%	0.253%
23	10.127	1362	1367	1371	rVB2	38274	39014	3.76%	0.268%
24	10.169	1371	1374	1378	rBV	13499	14189	1.37%	0.097%
25	10.239	1383	1386	1389	rBV2	11846	13407	1.29%	0.092%
26	10.351	1398	1405	1408	rVB2	23474	25715	2.48%	0.177%
27	10.474	1422	1426	1431	rVB	56558	48818	4.70%	0.335%
28	10.569	1439	1442	1447	rVB5	11040	20773	2.00%	0.143%
29	10.639	1450	1454	1457	rBV	224450	203408	19.59%	1.397%
30	10.716	1463	1467	1470	rVB	569950	519453	50.02%	3.568%
31	10.833	1482	1487	1491	rBV3	28931	43328	4.17%	0.298%
32	11.021	1516	1519	1521	rVB3	15399	13282	1.28%	0.091%
33	11.145	1536	1540	1542	rBV4	13227	15683	1.51%	0.108%
34	11.174	1542	1545	1549	rVB3	12837	15400	1.48%	0.106%

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35	11.269	1556	1561	1564	rBV3	24184	31681	3.05%	0.218%
36	11.310	1564	1568	1572	rVB2	22601	28843	2.78%	0.198%
37	11.416	1582	1586	1588	rBV	573190	495235	47.69%	3.402%
38	11.439	1588	1590	1593	rVV	327443	244976	23.59%	1.683%
39	11.486	1595	1598	1601	rVB	96831	74950	7.22%	0.515%
40	11.521	1601	1604	1607	rBV2	15235	17136	1.65%	0.118%
41	11.639	1622	1624	1628	rBV	14945	14496	1.40%	0.100%
42	11.698	1630	1634	1638	rBV4	14364	19356	1.86%	0.133%
43	11.916	1667	1671	1674	rBV2	47587	74537	7.18%	0.512%
44	11.939	1674	1675	1679	rVB	63551	50874	4.90%	0.349%
45	11.986	1679	1683	1686	rBV	28140	30419	2.93%	0.209%
46	12.027	1686	1690	1692	rVV2	86141	84977	8.18%	0.584%
47	12.051	1692	1694	1699	rVB2	30370	25094	2.42%	0.172%
48	12.104	1700	1703	1707	rVB3	22119	21385	2.06%	0.147%
49	12.151	1707	1711	1713	rBV4	12338	15929	1.53%	0.109%
50	12.210	1717	1721	1723	rBV	37274	36787	3.54%	0.253%
51	12.392	1749	1752	1754	rBV	14493	13137	1.27%	0.090%
52	12.463	1761	1764	1766	rBV	38707	36256	3.49%	0.249%
53	12.504	1766	1771	1773	rVV5	37197	61016	5.88%	0.419%
54	12.551	1776	1779	1783	rVB3	24909	29527	2.84%	0.203%
55	12.627	1788	1792	1795	rBV	535549	430589	41.47%	2.958%
56	12.663	1796	1798	1801	rBV2	46475	44773	4.31%	0.308%
57	12.721	1805	1808	1810	rBV	17501	20436	1.97%	0.140%
58	12.780	1816	1818	1820	rBV2	17833	15551	1.50%	0.107%
59	12.857	1825	1831	1836	rBV	467098	489117	47.10%	3.360%
60	12.910	1836	1840	1843	rVB2	26098	32055	3.09%	0.220%
61	12.992	1848	1854	1861	rBV	746515	769203	74.07%	5.283%
62	13.068	1863	1867	1871	rBV4	37080	60883	5.86%	0.418%
63	13.157	1880	1882	1883	rBV2	21414	18172	1.75%	0.125%
64	13.180	1883	1886	1889	rVB	84359	85586	8.24%	0.588%
65	13.221	1890	1893	1895	rBV3	19355	21714	2.09%	0.149%
66	13.251	1895	1898	1900	rVB	61808	50731	4.89%	0.348%
67	13.286	1900	1904	1906	rBV2	50112	52183	5.03%	0.358%
68	13.345	1911	1914	1918	rBV5	20110	30877	2.97%	0.212%
69	13.380	1918	1920	1923	rVB	24738	18796	1.81%	0.129%
70	13.410	1923	1925	1928	rBV	29272	28960	2.79%	0.199%
71	13.562	1948	1951	1953	rBV3	26882	28945	2.79%	0.199%

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72	13.804	1990	1992	1994	rVB	33865	24530	2.36%	0.168%
73	13.827	1994	1996	1998	rBV	35898	25015	2.41%	0.172%
74	13.851	1998	2000	2003	rVV	27940	36760	3.54%	0.252%
75	13.886	2003	2006	2012	rVB3	75545	109434	10.54%	0.752%
76	14.051	2027	2034	2037	rBV2	605374	806490	77.66%	5.540%
77	14.080	2037	2039	2044	rVB	203783	185755	17.89%	1.276%
78	15.098	2208	2212	2215	rBV	142940	215707	20.77%	1.482%
79	15.404	2262	2264	2270	rVB	85783	110365	10.63%	0.758%
80	15.468	2272	2275	2281	rVV	118793	160999	15.50%	1.106%
81	15.533	2282	2286	2298	rVB	286892	443434	42.70%	3.046%
82	17.021	2535	2539	2546	rVB2	43790	86532	8.33%	0.594%

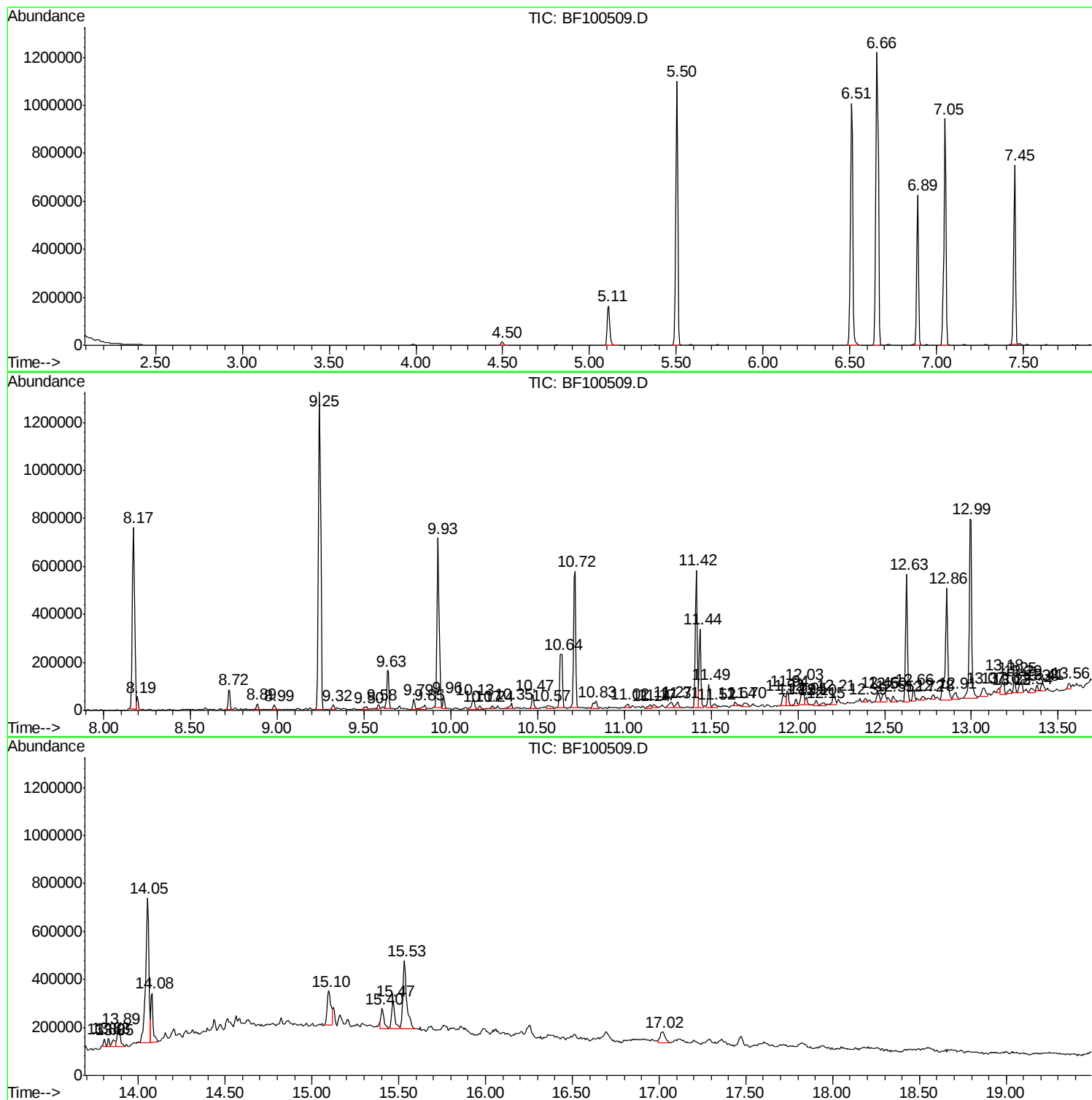
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Sample : I6301-07 2X
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Instrument :
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JC-02-110917-D

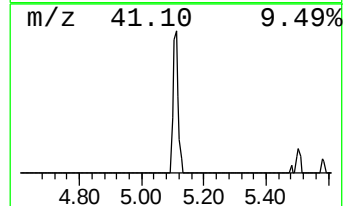
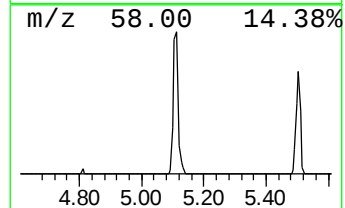
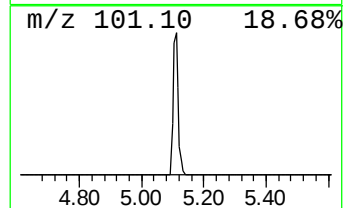
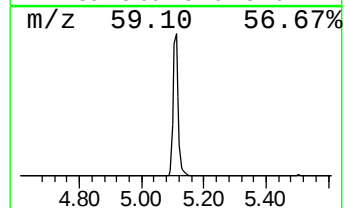
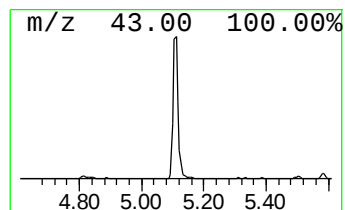
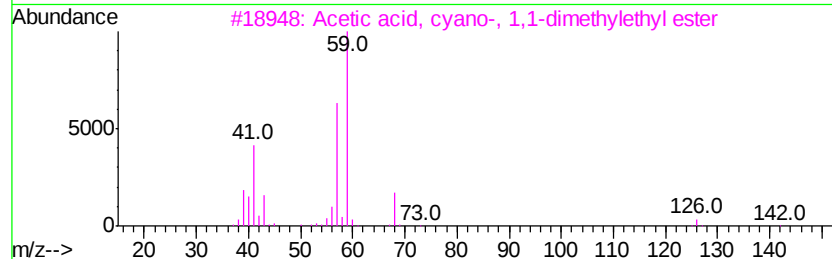
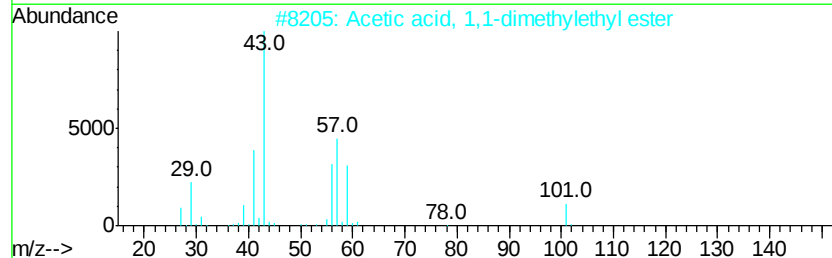
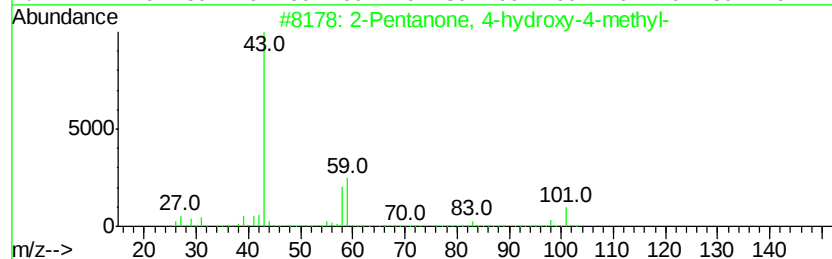
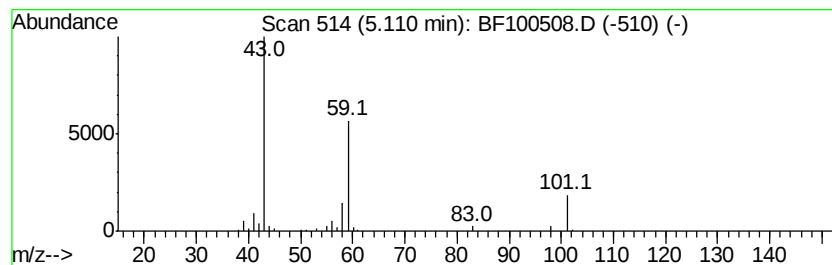
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	7.46 ng	184151	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9



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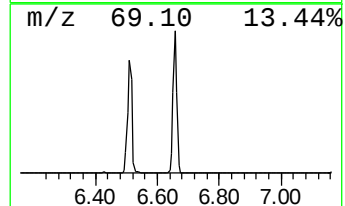
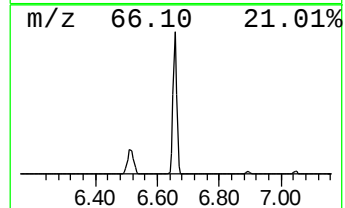
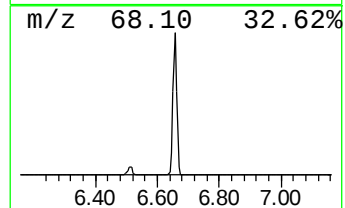
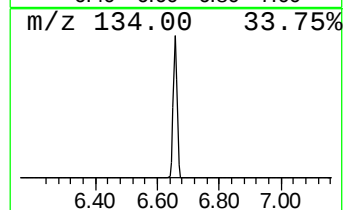
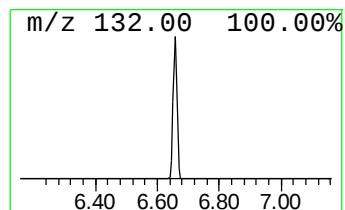
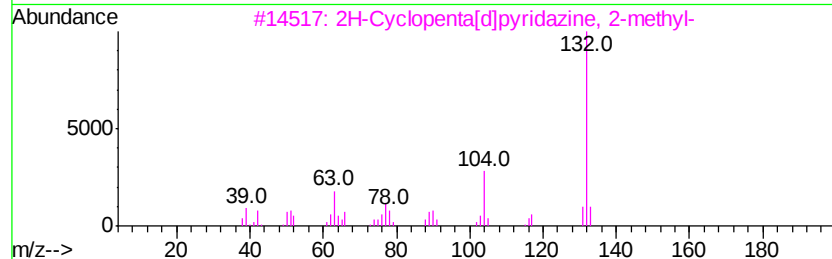
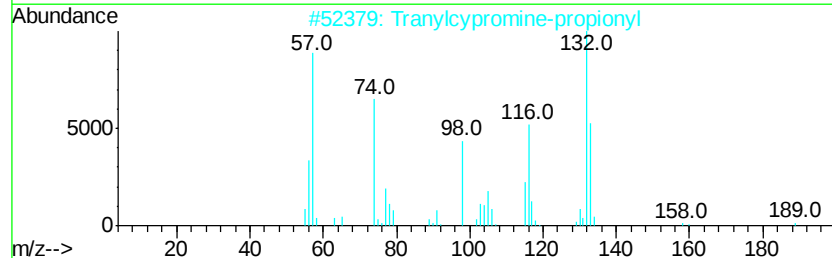
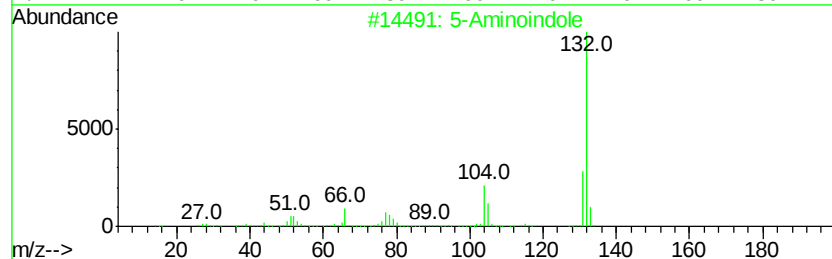
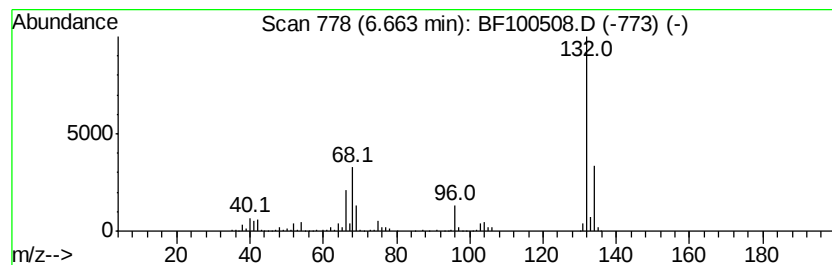
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	42.06 ng	1038430	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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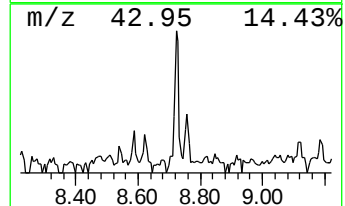
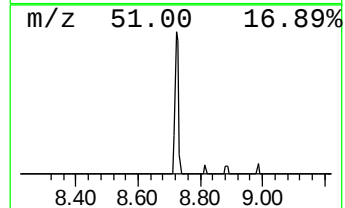
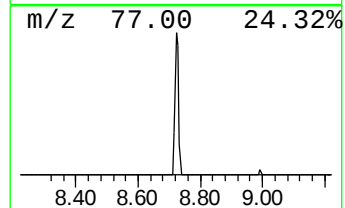
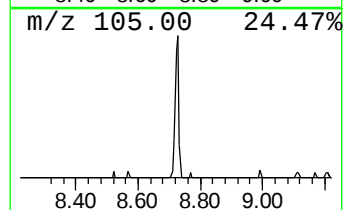
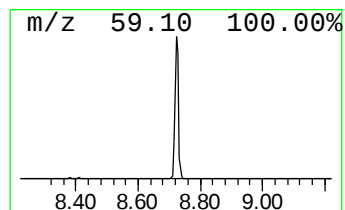
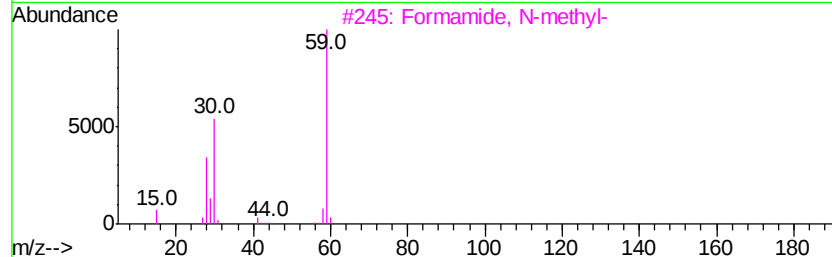
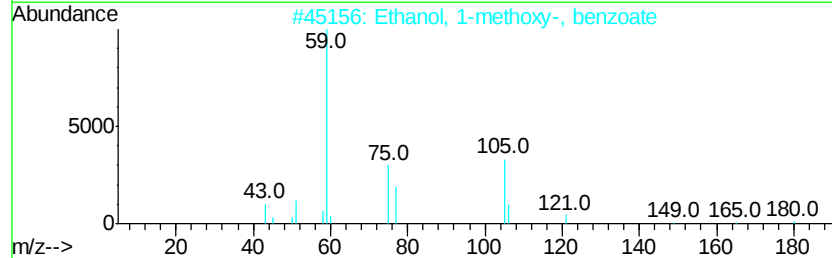
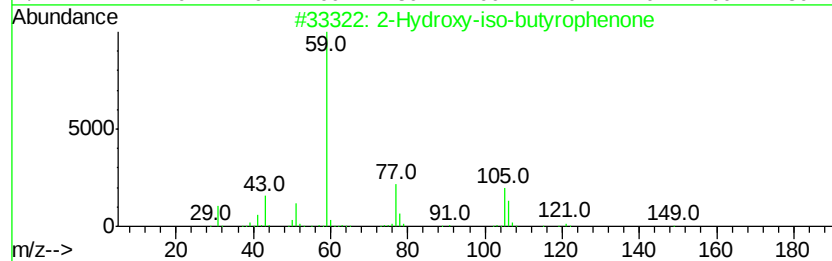
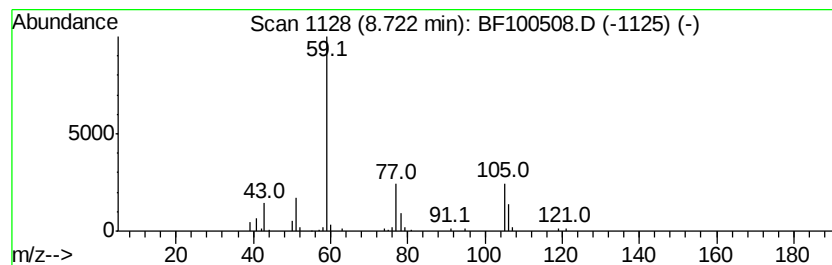
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	2.30 ng	70428	Napthalene-d8	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2			Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	45
3			Formamide, N-methyl-	59	C2H5NO	000123-39-7	7
4			Guanidine	59	CH5N3	000113-00-8	7
5			Acetamide	59	C2H5NO	000060-35-5	5



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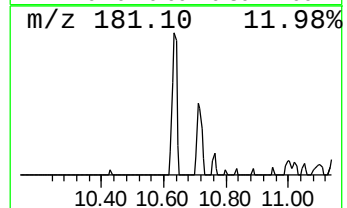
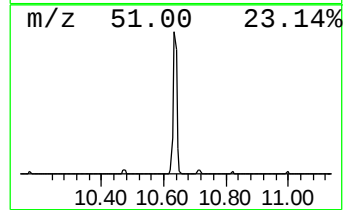
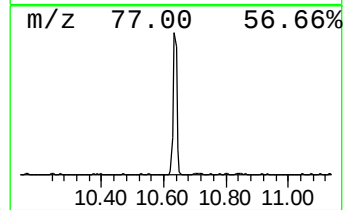
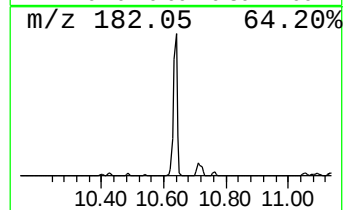
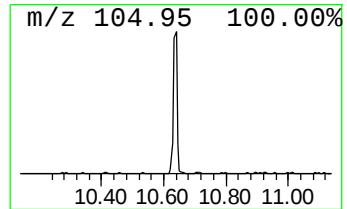
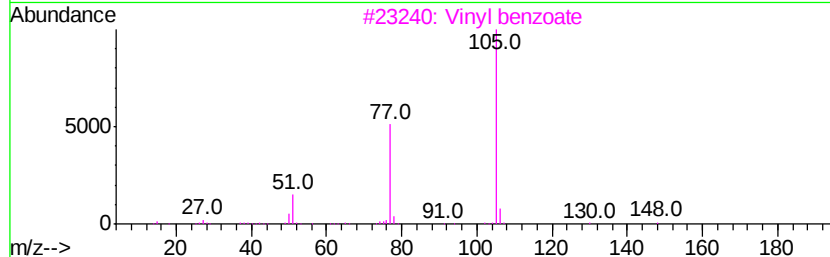
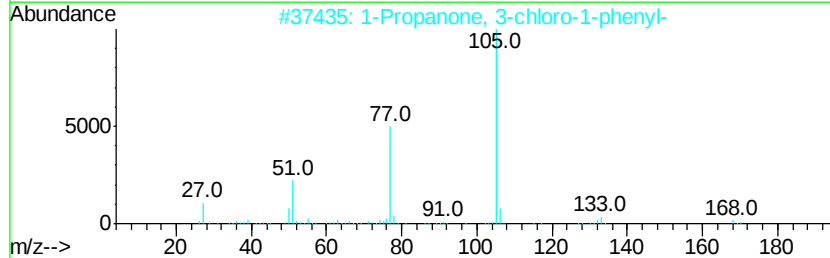
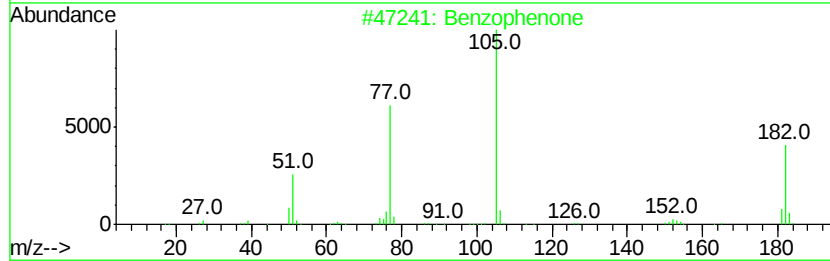
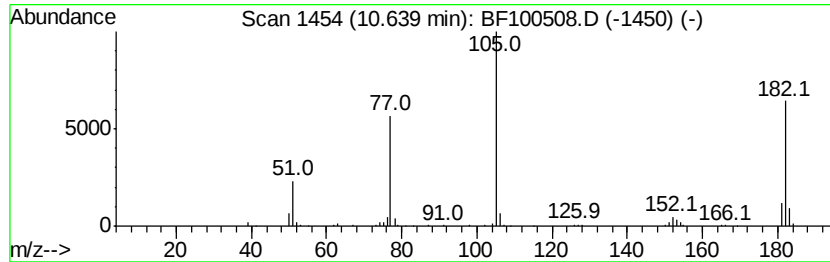
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	7.04 ng	203408	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	95
2		1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43
3		Vinyl benzoate	148	C9H8O2	000769-78-8	43
4		Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	43
5		Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100508.D
Acq On : 13 Nov 2017 18:13
Operator : SJ/JU
Sample : I6301-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-02-110917-D

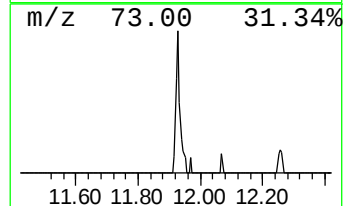
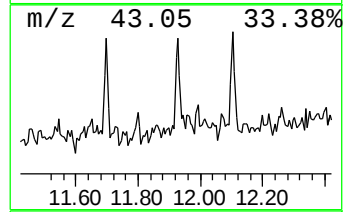
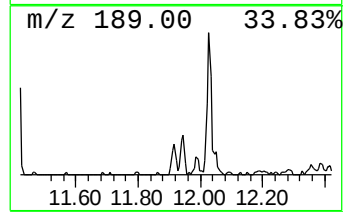
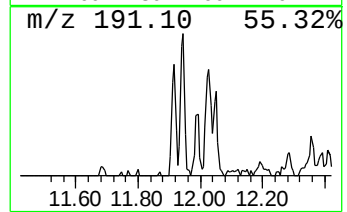
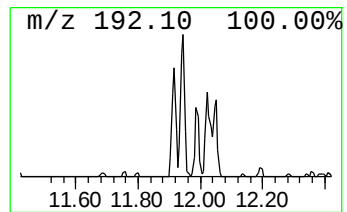
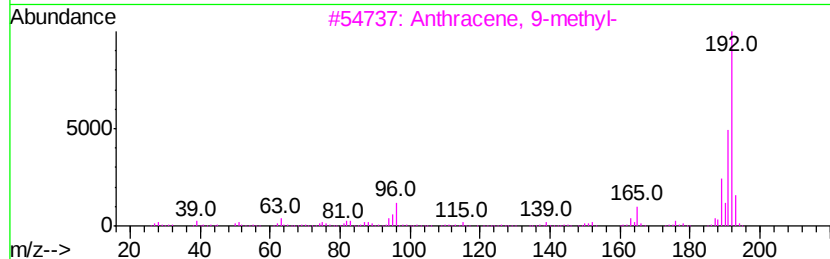
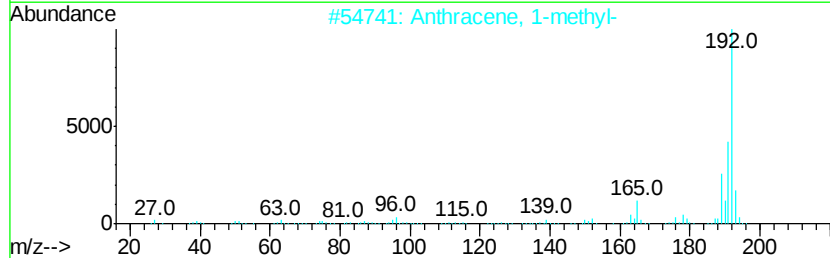
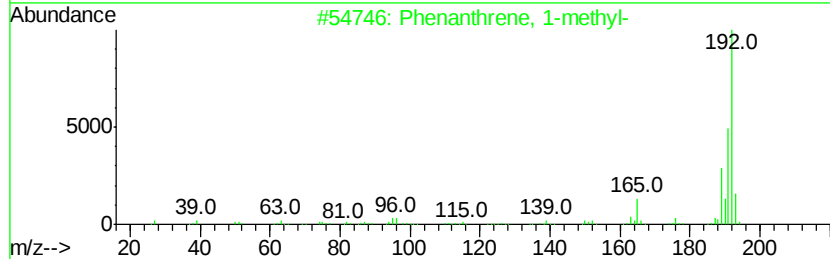
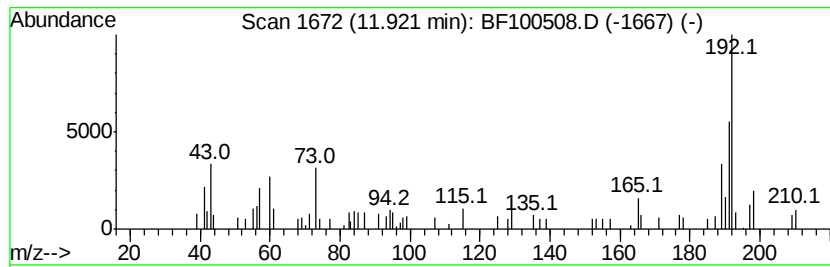
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.01 ng	74537	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
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ALS Vial : 14 Sample Multiplier: 1

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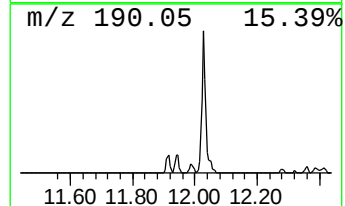
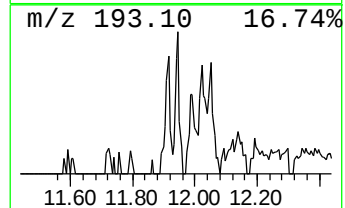
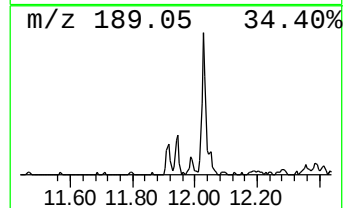
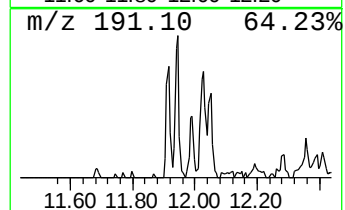
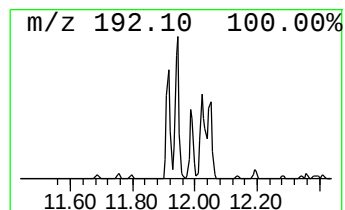
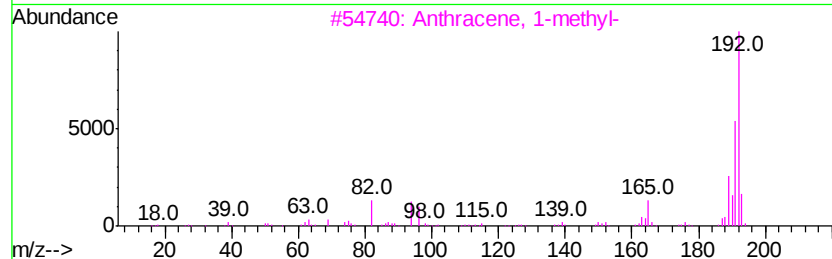
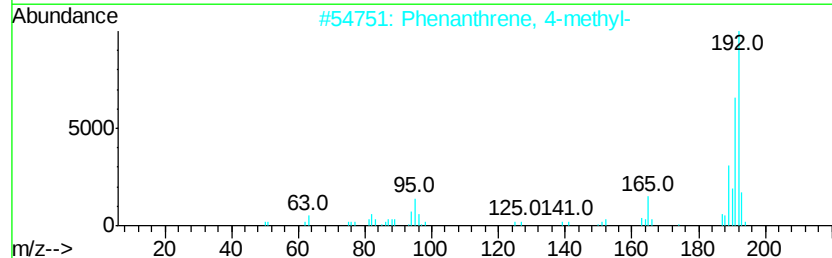
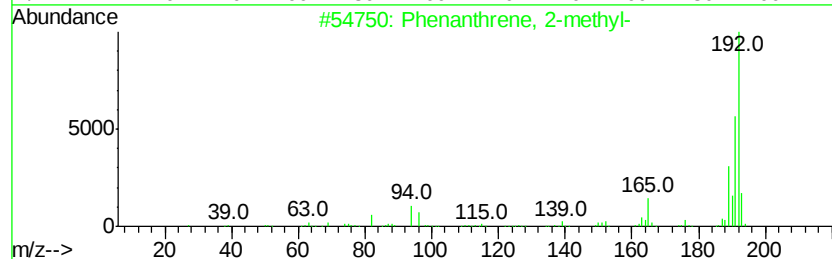
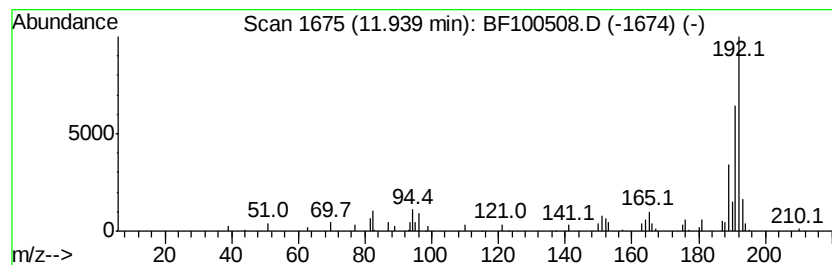
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.05 ng	50874	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	74



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
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Sample : I6301-07 2X
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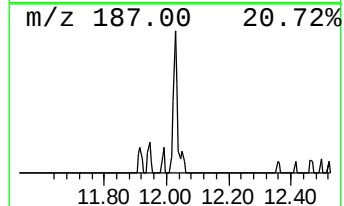
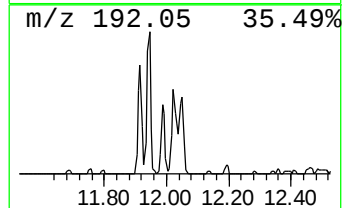
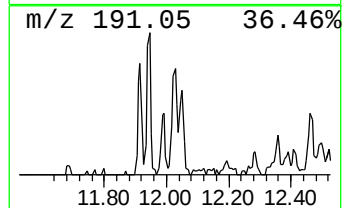
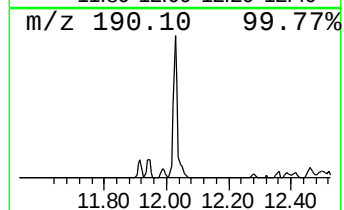
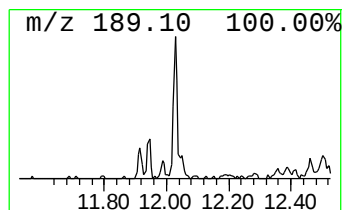
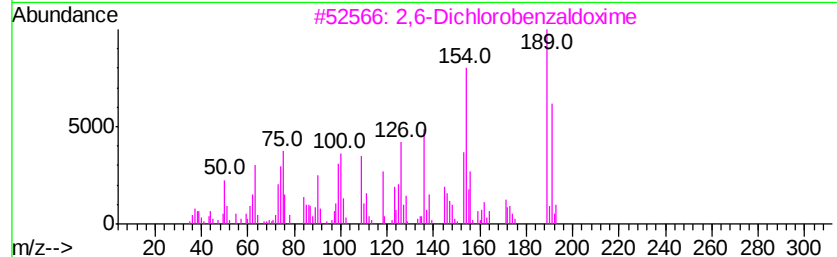
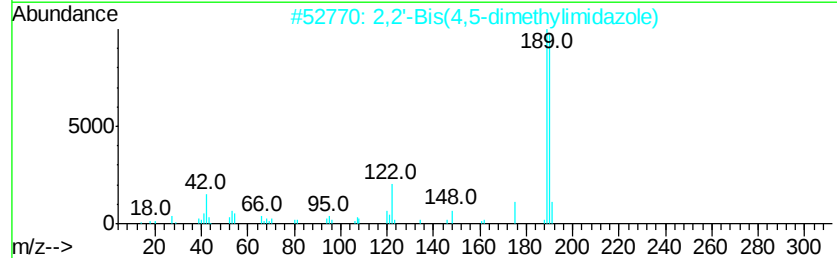
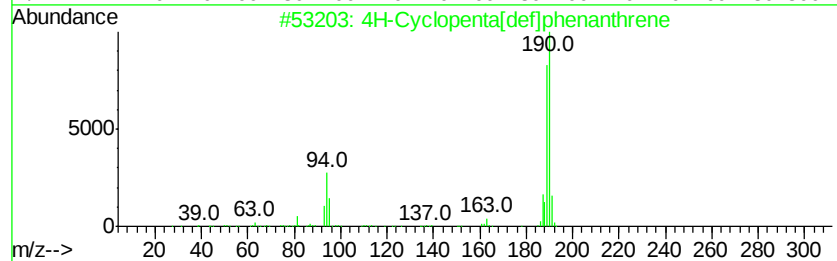
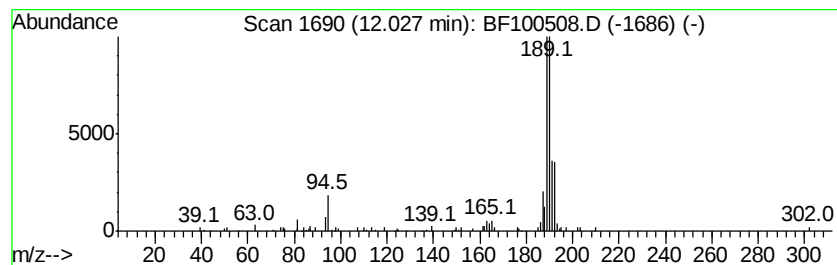
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.03	3.43 ng	84977	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
3	2,6-Dichlorobenzaloxime	189	C7H5Cl2NO	025185-95-9	30
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	4-Fluoro-2-(trifluoromethyl)benz...	189	C8H3F4N	194853-86-6	22



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
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Sample : I6301-07 2X
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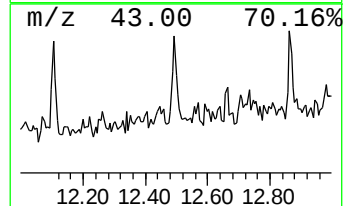
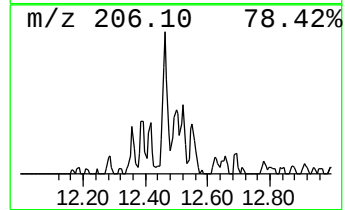
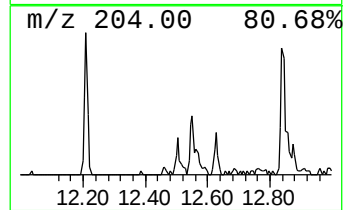
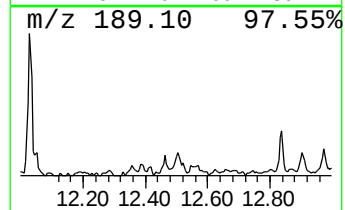
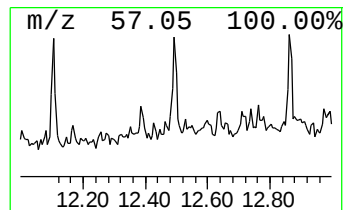
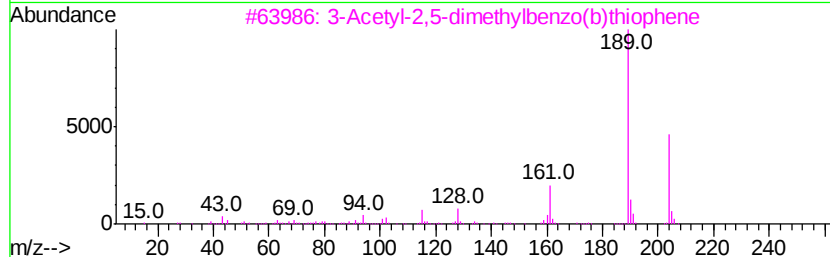
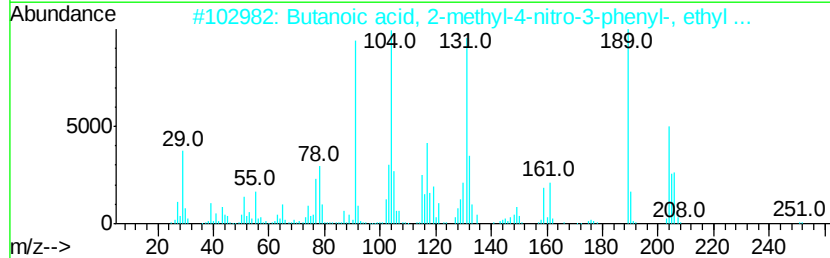
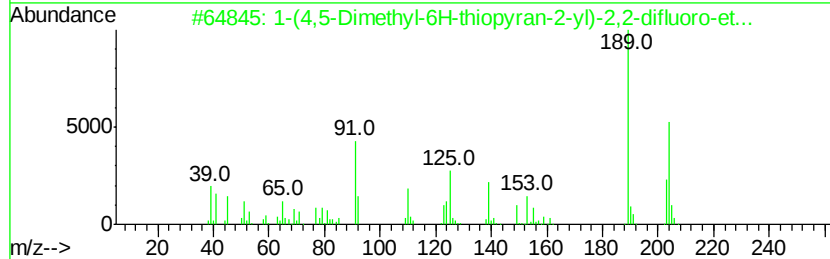
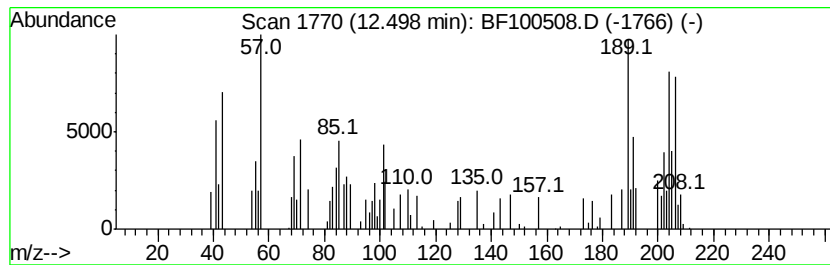
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown12.50 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.50	2.46 ng	61016	Phenanthrene-d10	11.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-(4,5-Dimethyl-6H-thiopyran-2-v...	204	C9H10F2OS	1000318-25-0	47
2		Butanoic acid, 2-methyl-4-nitro-...	251	C13H17N04	1000196-62-4	38
3		3-Acetyl-2,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-04-0	38
4		Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	35
5		2H-1,3-Oxazine, 2-[(2,6-dimethyl...	204	C12H16N2O	054708-09-7	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
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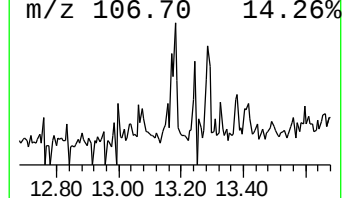
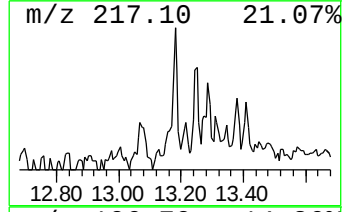
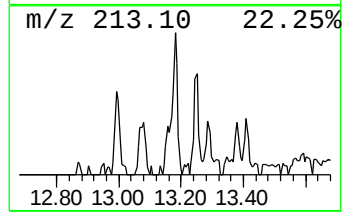
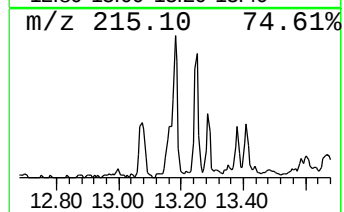
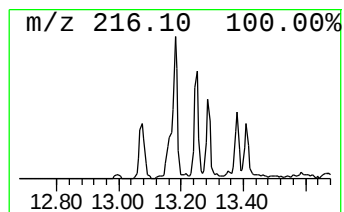
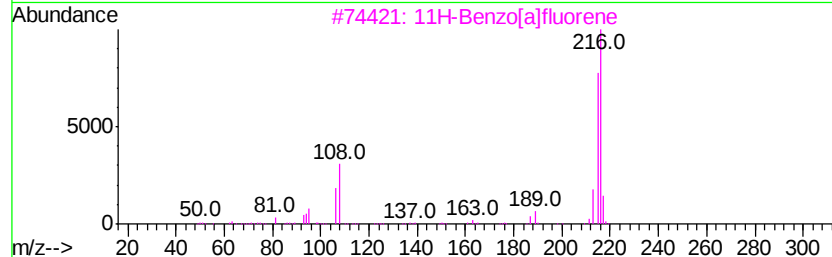
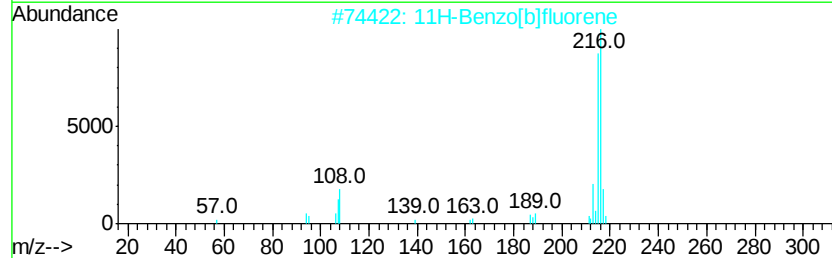
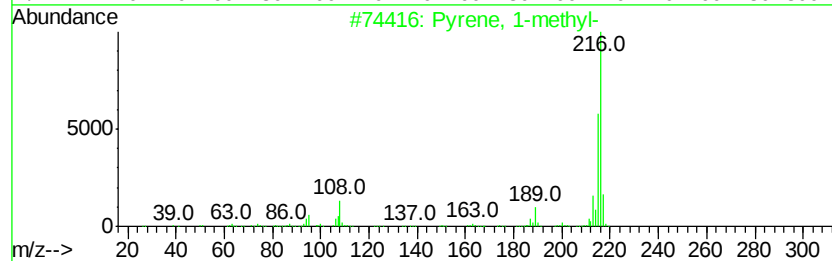
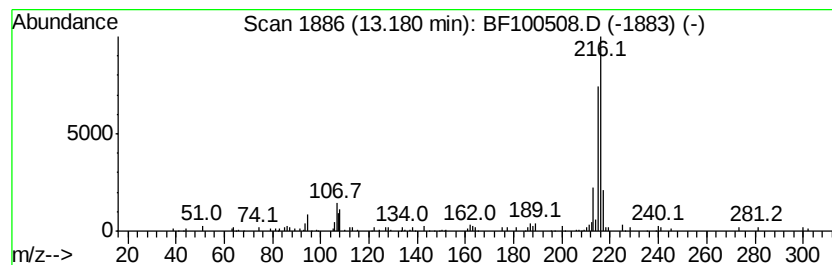
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.12 ng	85586	Chrysene-d12	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 91
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 83
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 68
5		1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216 C12H12N2S	080276-22-8 64



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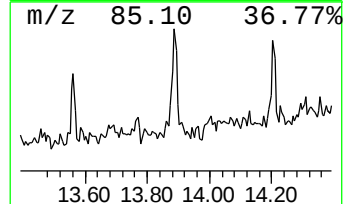
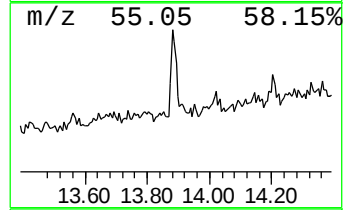
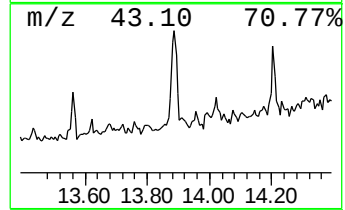
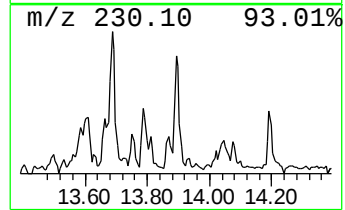
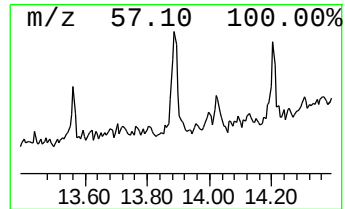
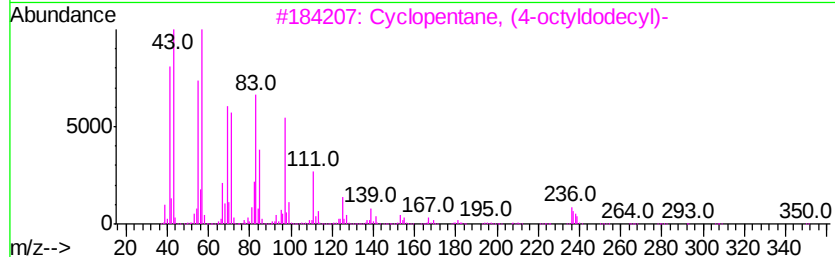
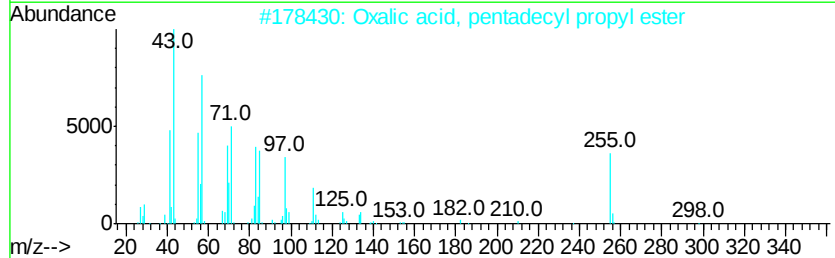
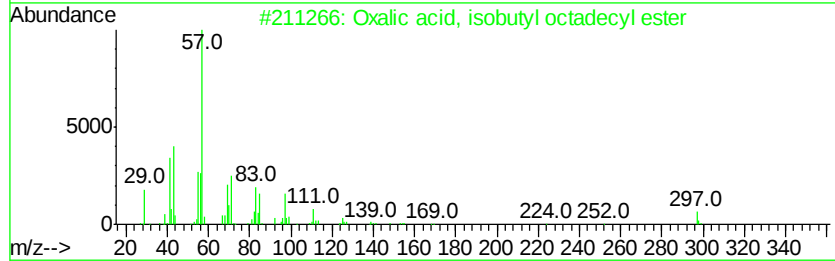
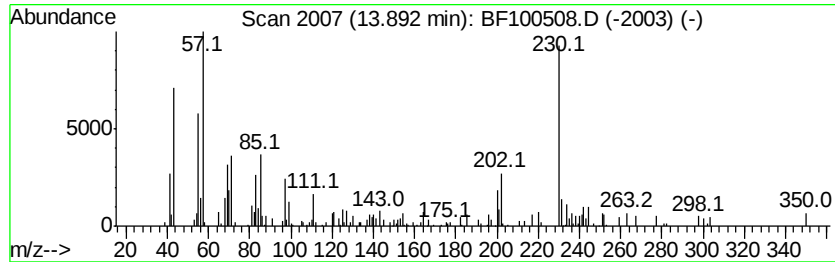
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Oxalic acid, isobutyl octadecyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.89	2.71 ng	109434	Chrysene-d12		14.06	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	58	
2	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	58	
3	Cyclopentane, (4-octylidodecyl)-	350	C25H50	005638-09-5	58	
4	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	52	
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	43	



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111317\
Data File : BF100508.D
Acq On : 13 Nov 2017 18:13
Operator : SJ/JU
Sample : I6301-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.11	7.5	ng	184151	1	6.89	493731	20.0
unknown6.66	6.66	42.1	ng	1038430	1	6.89	493731	20.0
2-Hydroxy-iso-but...	8.72	2.3	ng	70428	2	8.17	613122	20.0
Benzophenone	10.64	7.0	ng	203408	3	9.93	577479	20.0
Phenanthrene, 1-m...	11.92	3.0	ng	74537	4	11.42	495235	20.0
Phenanthrene, 2-m...	11.94	2.0	ng	50874	4	11.42	495235	20.0
4H-Cyclopenta[def...	12.03	3.4	ng	84977	4	11.42	495235	20.0
unknown12.50	12.50	2.5	ng	61016	4	11.42	495235	20.0
Pyrene, 1-methyl-	13.18	2.1	ng	85586	5	14.06	806490	20.0
Oxalic acid, isob...	13.89	2.7	ng	109434	5	14.06	806490	20.0