

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109752.D
 Acq On : 10 Oct 2018 19:48
 Operator : JU/SJ
 Sample : J5366-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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	4.899	475	478	490	rBV	65568	104253	3.29%	0.275%
2	5.316	545	549	573	rBV	1632322	1986741	62.72%	5.240%
3	6.345	720	724	741	rBV	1735268	2268538	71.62%	5.983%
4	6.469	741	745	770	rVB	2082716	2358836	74.47%	6.221%
5	6.698	780	784	806	rVB	283833	470871	14.87%	1.242%
6	6.851	806	810	831	rBV	1684131	1786999	56.41%	4.713%
7	7.257	876	879	915	rBV	1095765	1514813	47.82%	3.995%
8	7.816	970	974	982	rBV	54217	53132	1.68%	0.140%
9	7.975	997	1001	1003	rBV	502887	481053	15.19%	1.269%
10	8.686	1119	1122	1135	rBV	267820	357416	11.28%	0.943%
11	8.781	1135	1138	1151	rVB	165098	196560	6.21%	0.518%
12	9.051	1179	1184	1198	rBV	2685585	2871167	90.64%	7.573%
13	9.151	1198	1201	1214	rVB	82374	155865	4.92%	0.411%
14	9.245	1214	1217	1225	rVB	26054	37421	1.18%	0.099%
15	9.322	1225	1230	1237	rBV	34173	60391	1.91%	0.159%
16	9.386	1237	1241	1243	rBV	61823	67375	2.13%	0.178%
17	9.439	1248	1250	1258	rVV	249064	268060	8.46%	0.707%
18	9.498	1258	1260	1267	rVB2	24500	38992	1.23%	0.103%
19	9.722	1293	1298	1301	rBV	751112	748262	23.62%	1.974%
20	9.751	1301	1303	1314	rVB	632797	642190	20.27%	1.694%
21	9.928	1330	1333	1348	rBV	366255	506166	15.98%	1.335%
22	10.269	1387	1391	1398	rBV	518109	599897	18.94%	1.582%
23	10.351	1403	1405	1408	rVB2	48241	46263	1.46%	0.122%
24	10.428	1415	1418	1428	rVB	64760	87737	2.77%	0.231%
25	10.510	1428	1432	1450	rBV	1619842	1966219	62.07%	5.186%
26	10.633	1450	1453	1461	rVB3	33246	55106	1.74%	0.145%
27	10.816	1477	1484	1487	rBV3	42173	73786	2.33%	0.195%
28	11.016	1515	1518	1522	rBV	57607	78035	2.46%	0.206%
29	11.098	1529	1532	1545	rVB	144333	208303	6.58%	0.549%
30	11.204	1546	1550	1551	rBV	716008	701300	22.14%	1.850%
31	11.227	1551	1554	1560	rVV	2518269	2717947	85.80%	7.168%
32	11.280	1560	1563	1575	rVB	163401	296773	9.37%	0.783%
33	11.416	1583	1586	1587	rBV	58652	49122	1.55%	0.130%
34	11.439	1587	1590	1597	rVV	177776	296227	9.35%	0.781%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.498	1597	1600	1603	rVB2	28757	34984	1.10%	0.092%
36	11.704	1631	1635	1637	rBV	127956	144398	4.56%	0.381%
37	11.733	1637	1640	1646	rVV	183088	288385	9.10%	0.761%
38	11.810	1650	1653	1664	rVB2	317706	459491	14.51%	1.212%
39	11.998	1682	1685	1694	rVB	106240	144873	4.57%	0.382%
40	12.251	1724	1728	1731	rBV	38709	45919	1.45%	0.121%
41	12.292	1731	1735	1740	rVB4	33923	52844	1.67%	0.139%
42	12.339	1740	1743	1751	rVB2	57935	87071	2.75%	0.230%
43	12.410	1751	1755	1765	rBV	2200163	2389818	75.44%	6.303%
44	12.557	1774	1780	1787	rVB	64586	92676	2.93%	0.244%
45	12.633	1787	1793	1800	rBV2	1497892	1951673	61.61%	5.147%
46	12.686	1800	1802	1811	rVB	86249	117647	3.71%	0.310%
47	12.780	1811	1818	1826	rBV	2723336	3167645	100.00%	8.355%
48	12.857	1826	1831	1835	rVB2	55300	86122	2.72%	0.227%
49	12.945	1842	1846	1847	rBV2	51901	62601	1.98%	0.165%
50	12.969	1847	1850	1856	rVV	152451	186586	5.89%	0.492%
51	13.033	1856	1861	1864	rVV	134421	180413	5.70%	0.476%
52	13.063	1864	1866	1874	rVB2	80674	140002	4.42%	0.369%
53	13.186	1885	1887	1896	rVB4	25588	43024	1.36%	0.113%
54	13.357	1912	1916	1919	rBV5	39428	41146	1.30%	0.109%
55	13.474	1933	1936	1943	rVB	68749	99489	3.14%	0.262%
56	13.580	1950	1954	1956	rBV	91120	94959	3.00%	0.250%
57	13.604	1956	1958	1960	rVV	44748	41419	1.31%	0.109%
58	13.680	1968	1971	1981	rVB2	172396	266397	8.41%	0.703%
59	13.827	1988	1996	1999	rBV2	892708	1255623	39.64%	3.312%
60	13.851	1999	2000	2009	rVV	465496	467452	14.76%	1.233%
61	13.933	2010	2014	2017	rVV	38562	49475	1.56%	0.130%
62	13.998	2020	2025	2030	rVB3	61127	66780	2.11%	0.176%
63	14.216	2053	2062	2065	rBV	36051	81434	2.57%	0.215%
64	14.298	2074	2076	2079	rBV	54641	51458	1.62%	0.136%
65	14.457	2099	2103	2107	rBV3	74651	117271	3.70%	0.309%
66	14.574	2120	2123	2124	rBV	35790	36003	1.14%	0.095%
67	14.592	2124	2126	2129	rVB	93558	77025	2.43%	0.203%
68	14.621	2129	2131	2135	rBV	39373	37738	1.19%	0.100%
69	14.757	2152	2154	2158	rVB2	34251	33697	1.06%	0.089%
70	14.833	2163	2167	2176	rVV	140922	265384	8.38%	0.700%
71	14.904	2176	2179	2182	rVB2	60009	59257	1.87%	0.156%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
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72	15.110	2210	2214	2220	rBV	51659	70065	2.21%	0.185%
73	15.174	2220	2225	2229	rVV2	47057	71586	2.26%	0.189%
74	15.227	2229	2234	2248	rVB	381954	663347	20.94%	1.750%
75	15.645	2300	2305	2310	rVB	44725	60408	1.91%	0.159%
76	16.098	2377	2382	2389	rVB4	29462	47839	1.51%	0.126%
77	16.633	2469	2473	2481	rVB3	17080	32066	1.01%	0.085%

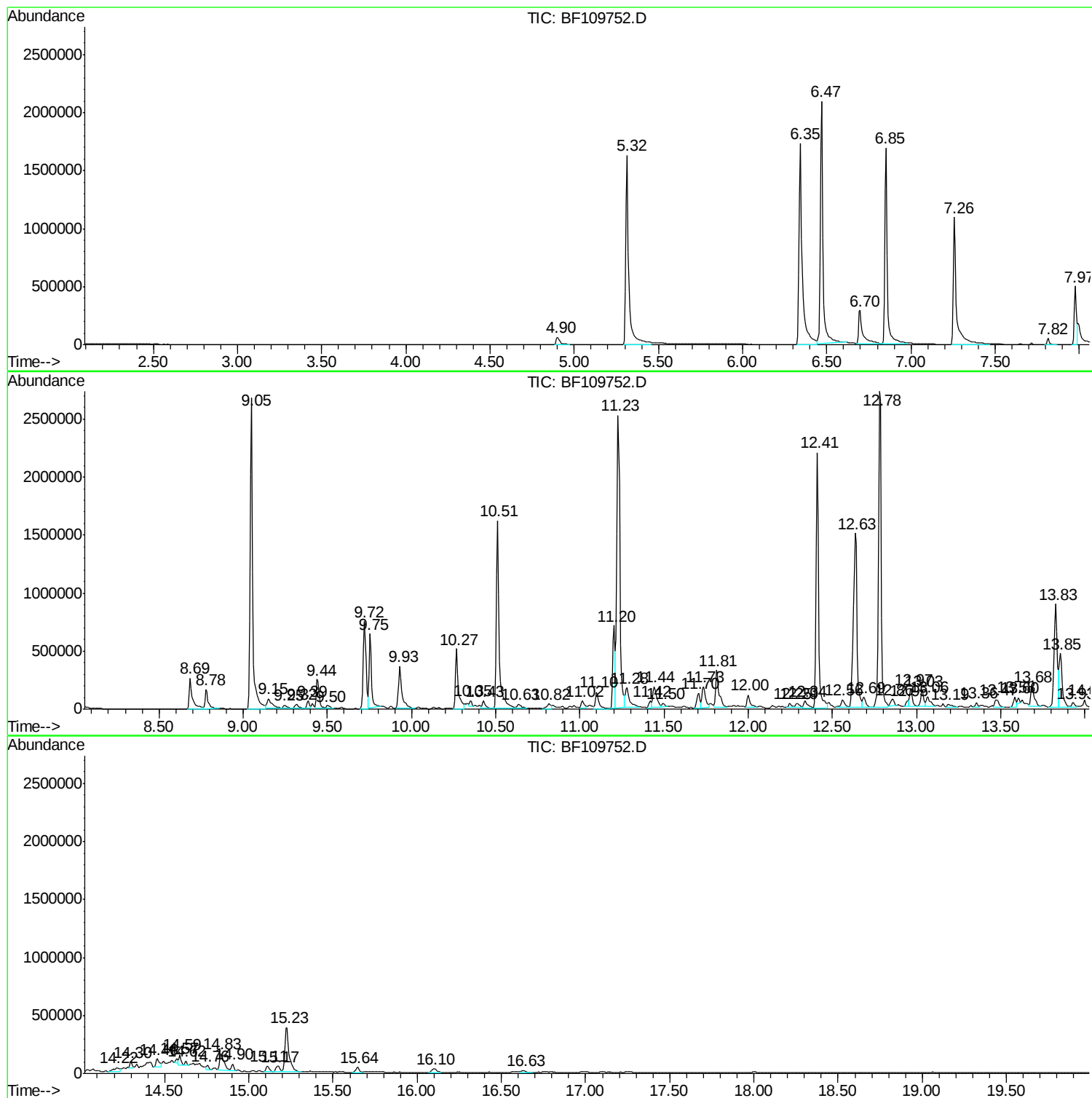
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
RBR200035

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.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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Instrument :
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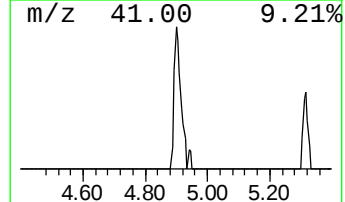
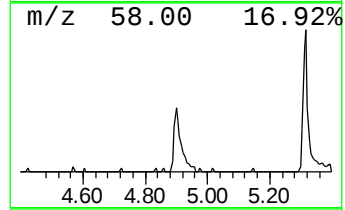
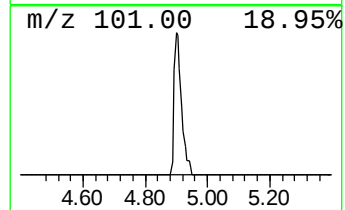
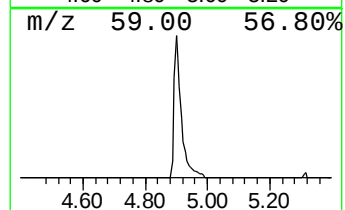
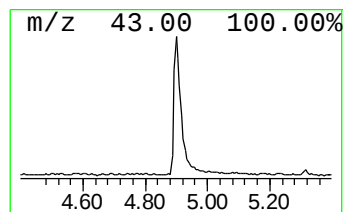
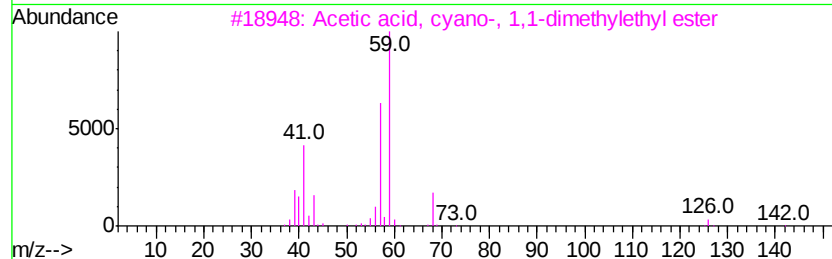
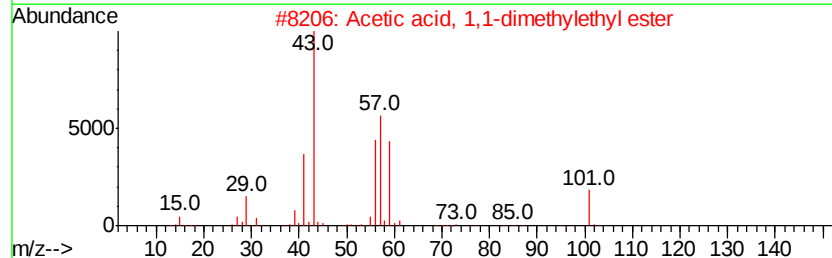
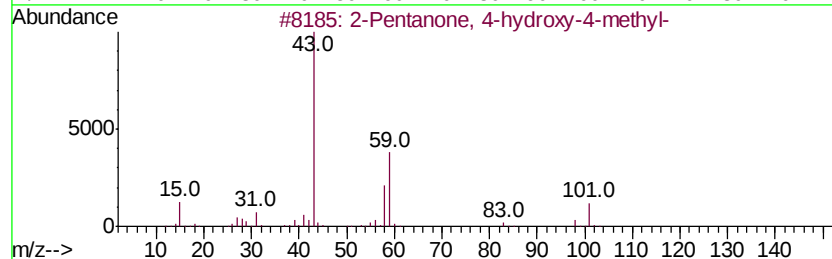
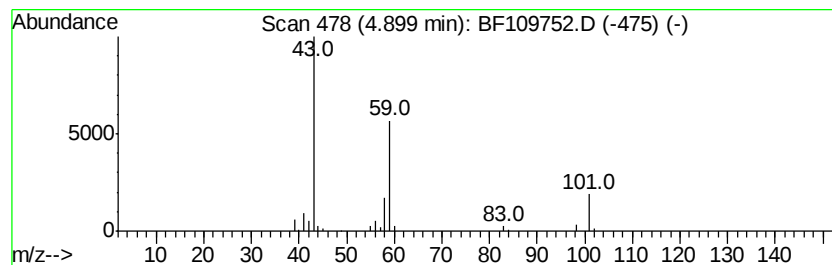
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	4.43 ng	104253	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38		
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23		
4	Acetone	58	C3H6O	000067-64-1	12		
5	Guanidine	59	CH5N3	000113-00-8	9		



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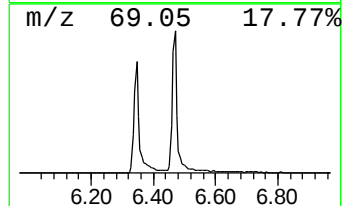
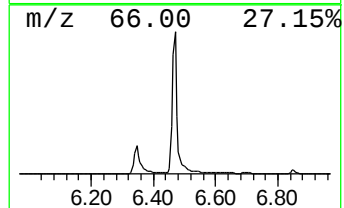
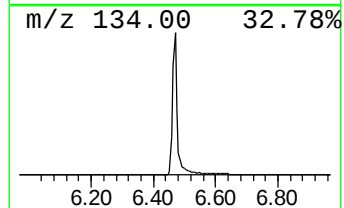
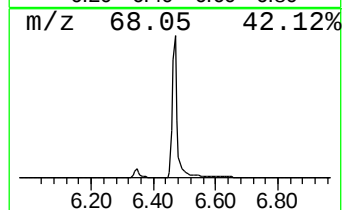
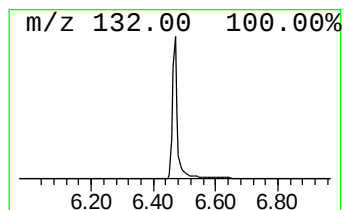
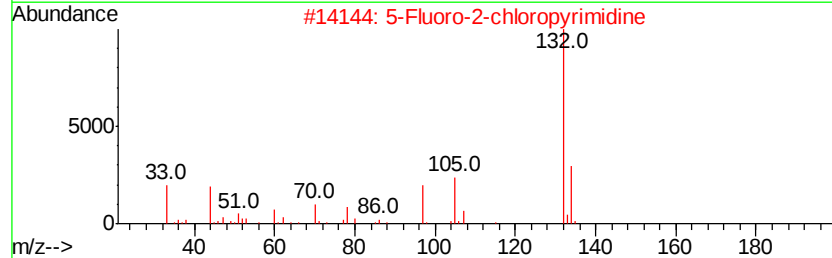
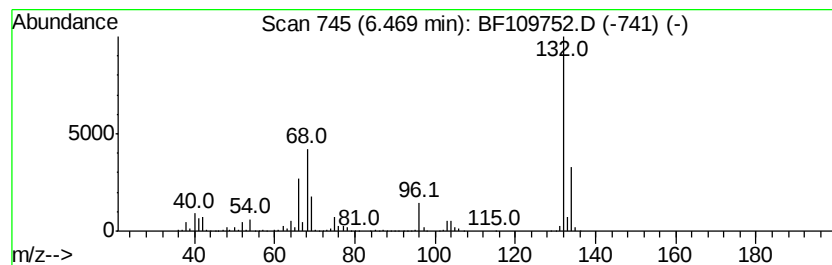
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	100.19 ng	2358840	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16	
3	Tranvlcypramine-propionyl	189	C12H15NO	1000123-86-3	10	
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9	



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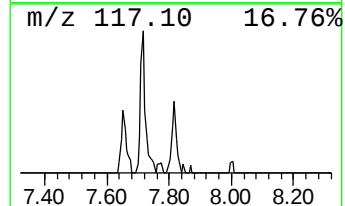
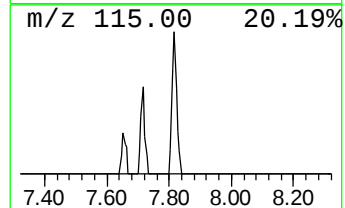
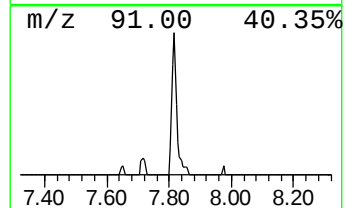
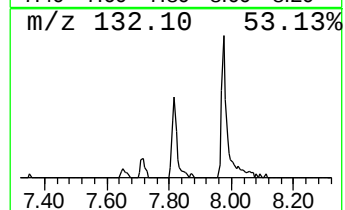
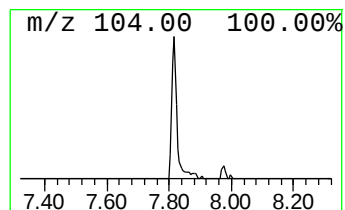
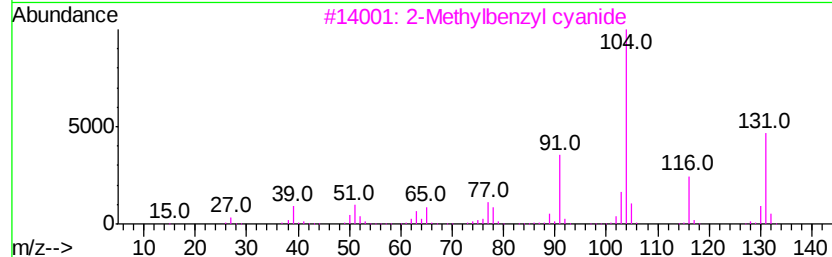
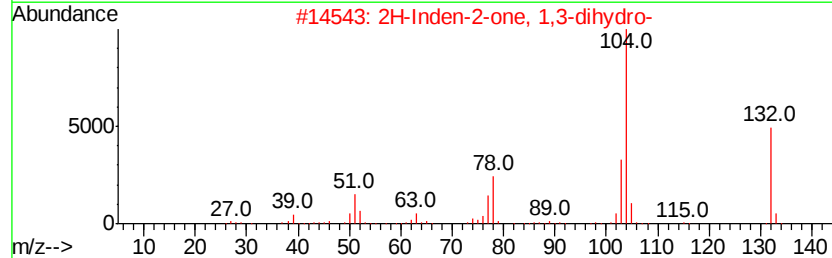
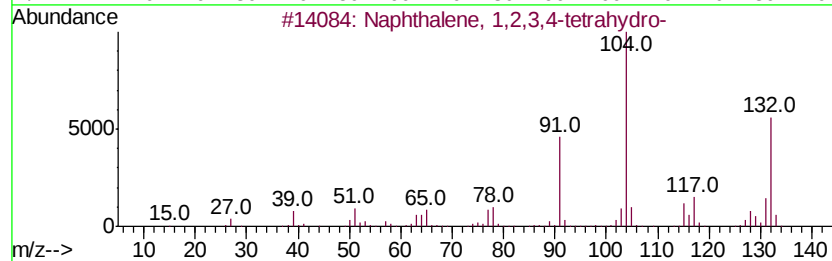
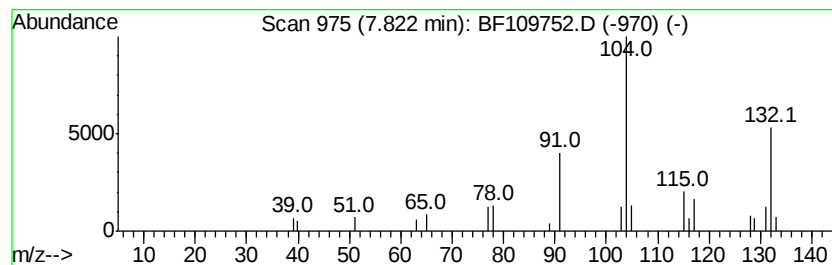
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	2.21 ng	53132	Naphthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
3		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
4		Benzene, cyclobutyl-	132	C10H12	004392-30-7	42
5		Acetic acid, trifluoro-, 2-phenyl...	218	C10H9F3O2	055419-66-4	38



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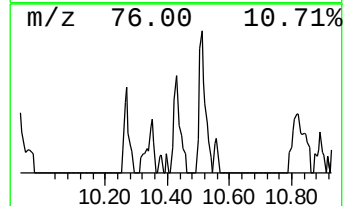
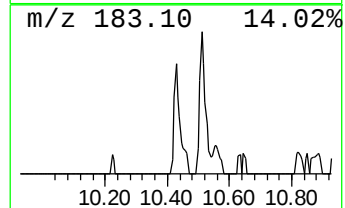
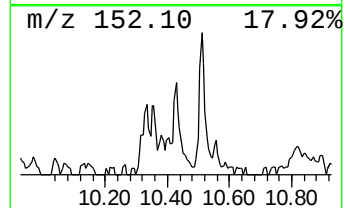
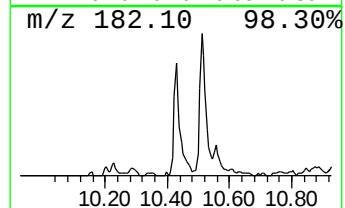
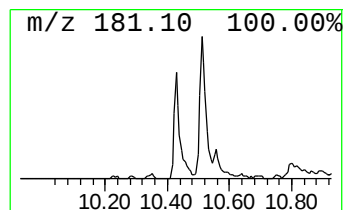
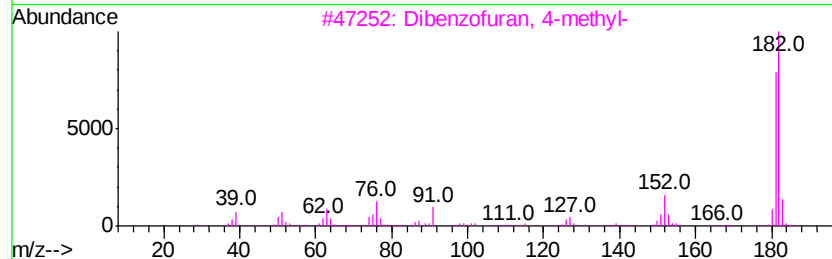
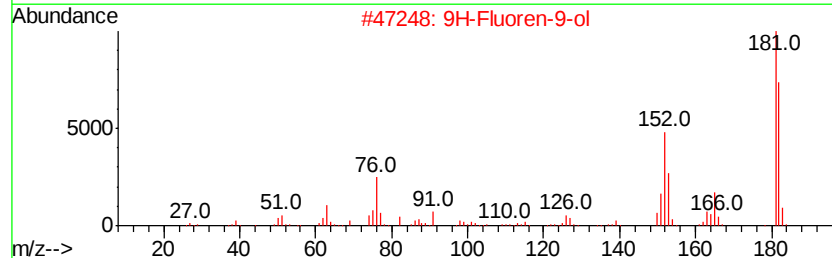
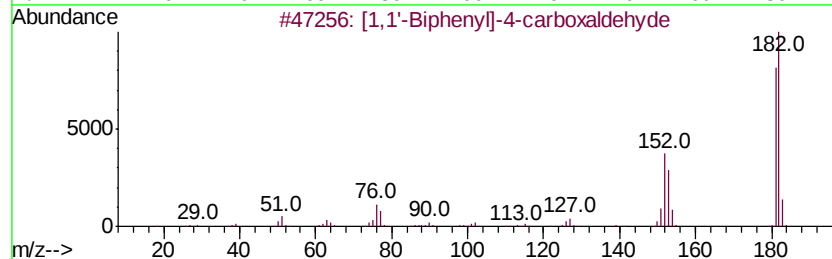
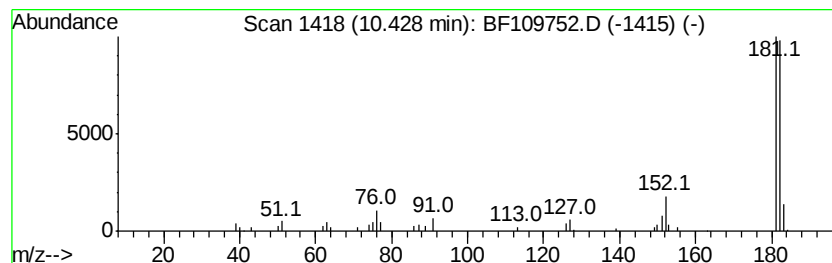
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.43	2.35 ng	87737	Acenaphthene-d10	9.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	64
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109752.D
Acq On : 10 Oct 2018 19:48
Operator : JU/SJ
Sample : J5366-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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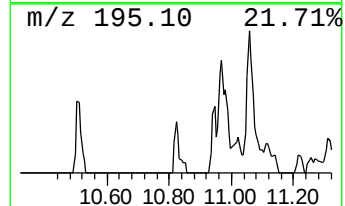
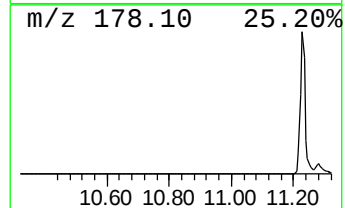
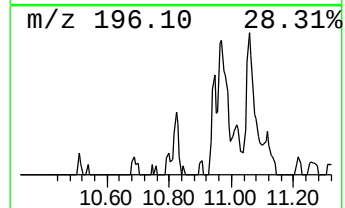
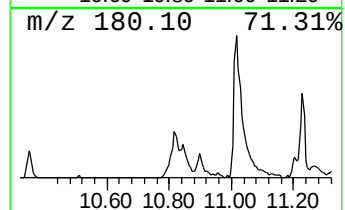
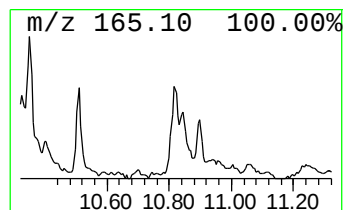
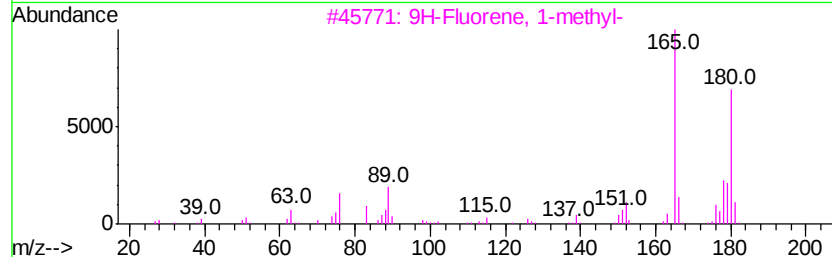
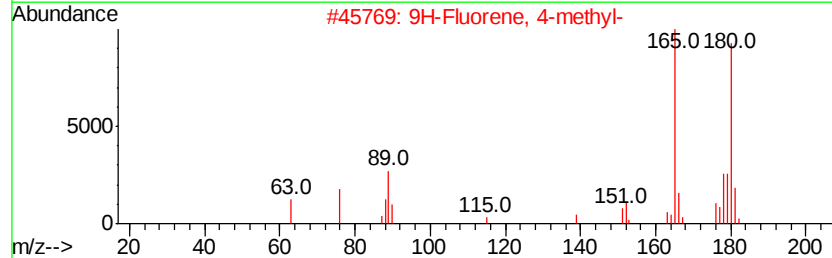
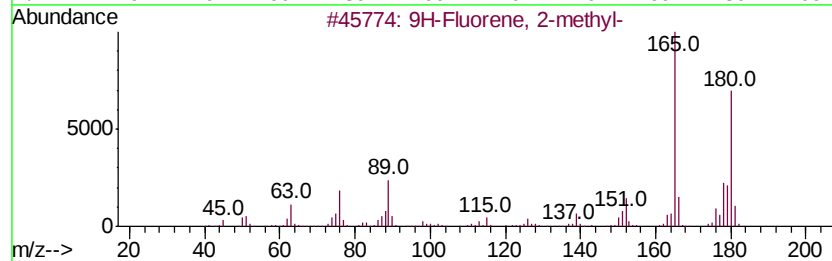
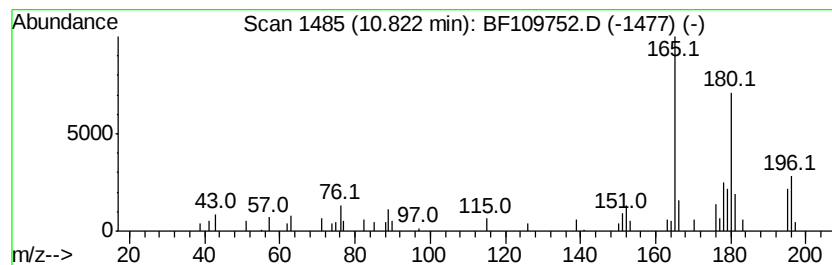
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.10 ng	73786	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
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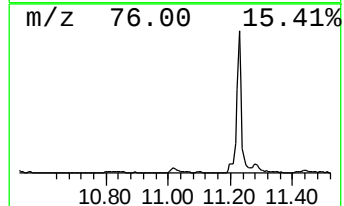
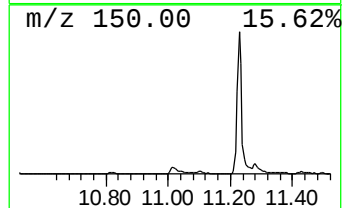
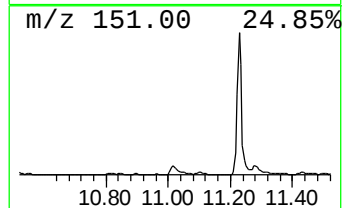
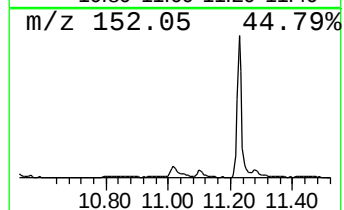
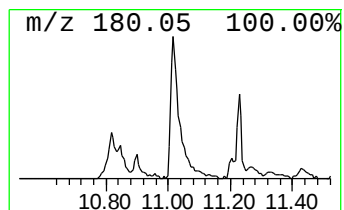
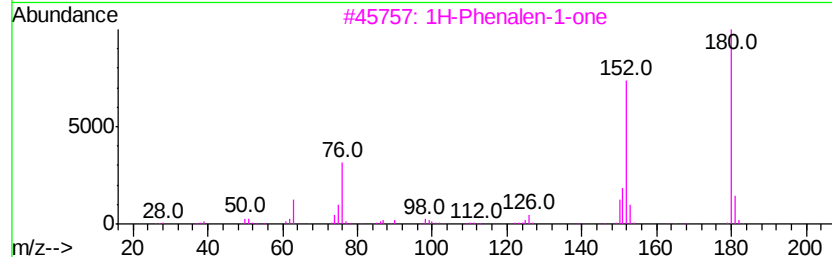
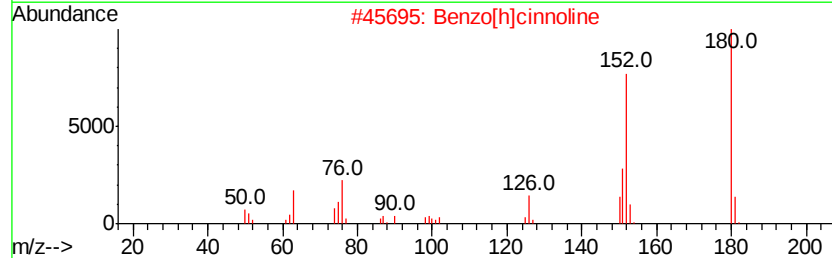
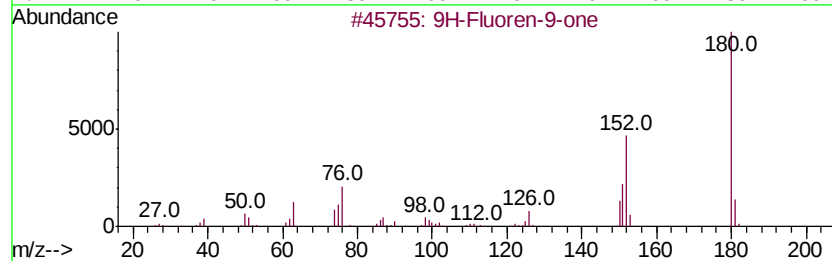
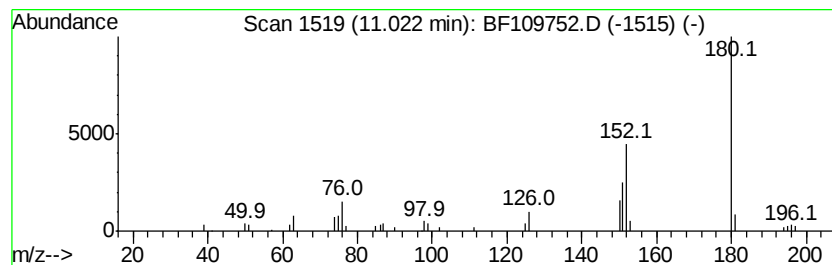
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	2.23 ng	78035	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
4		Benzaldehyde, m-nitro-, O-methyl...	180	C8H8N2O3	033499-33-1	43
5		Benzaldehyde, 4-nitro-, O-methyl...	180	C8H8N2O3	033499-32-0	43



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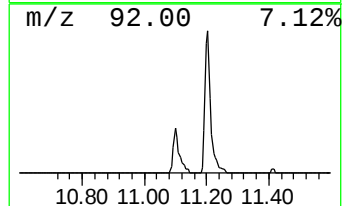
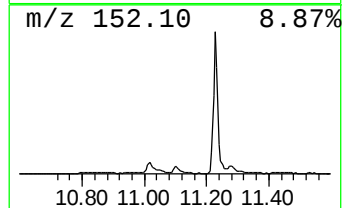
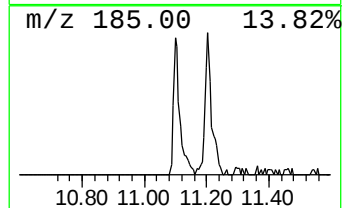
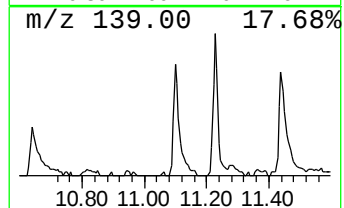
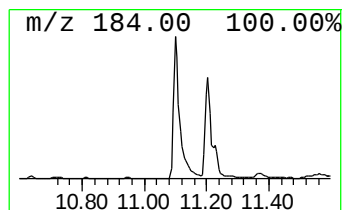
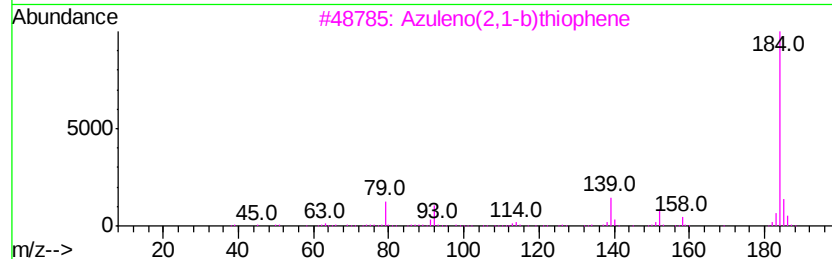
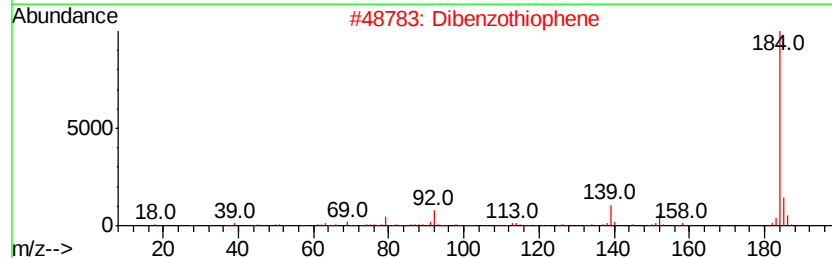
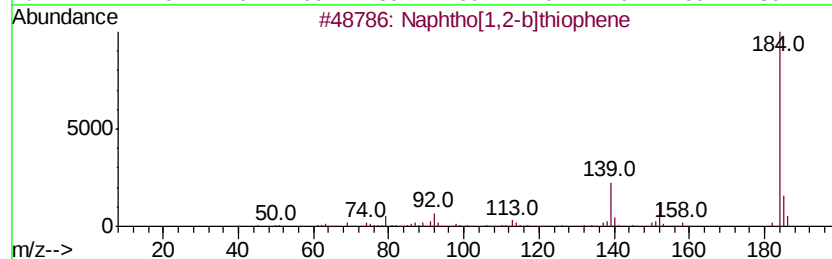
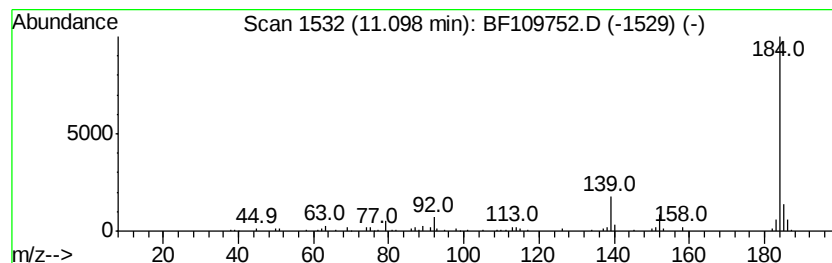
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphtho[1,2-b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	5.94 ng	208303	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2		Dibenzothiophene	184	C12H8S	000132-65-0	95
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91



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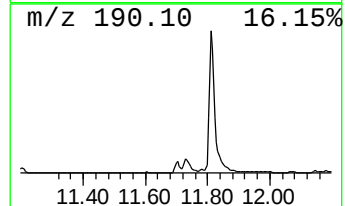
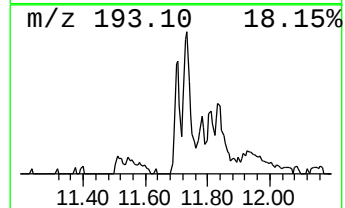
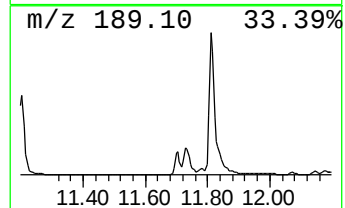
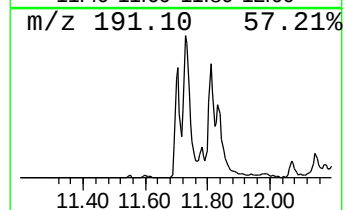
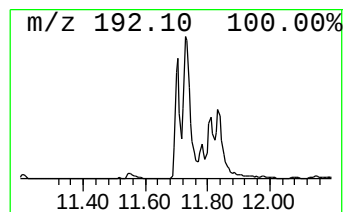
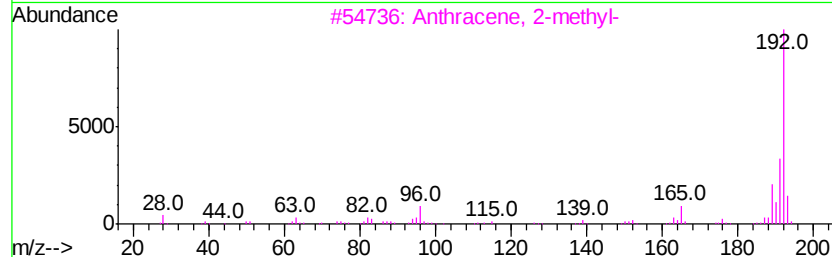
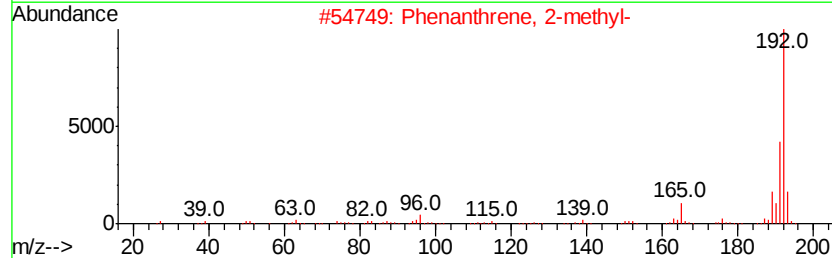
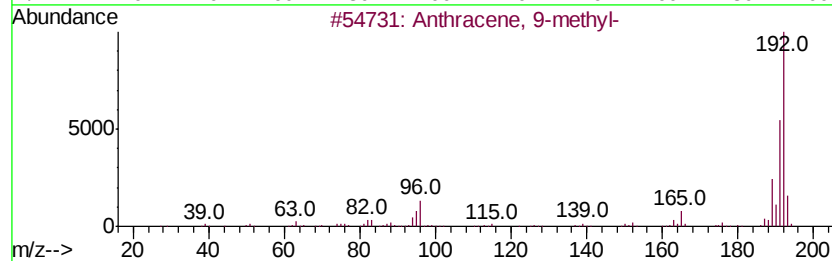
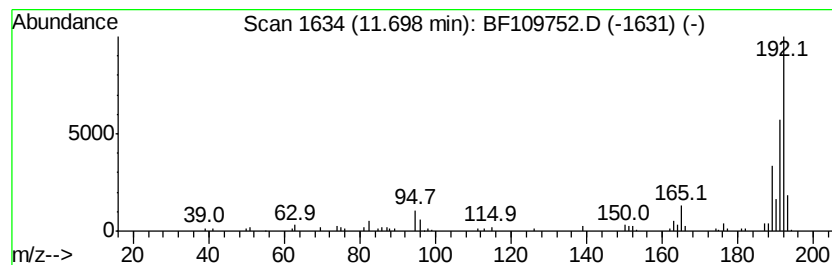
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	4.12 ng	144398	Phenanthrene-d10	11.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



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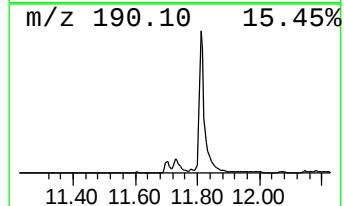
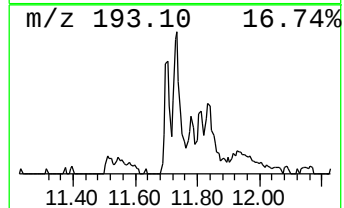
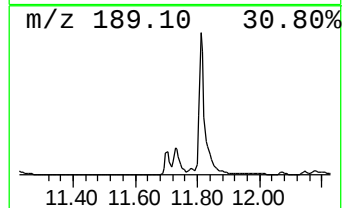
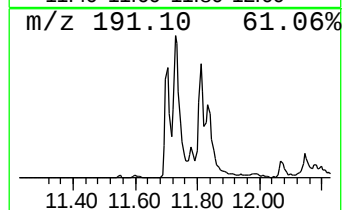
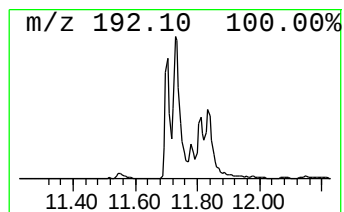
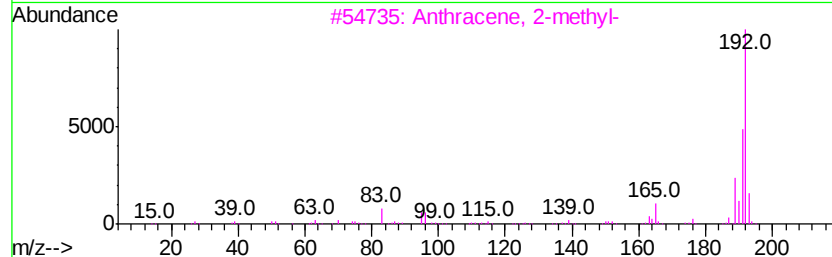
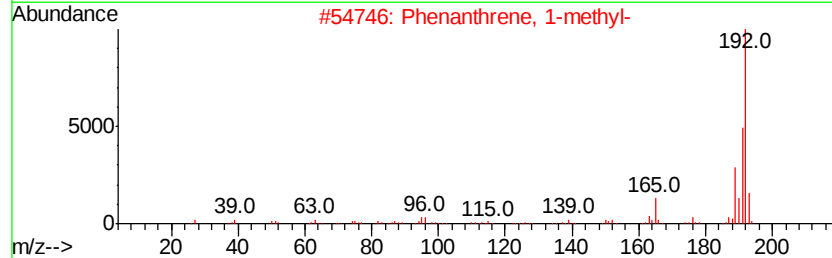
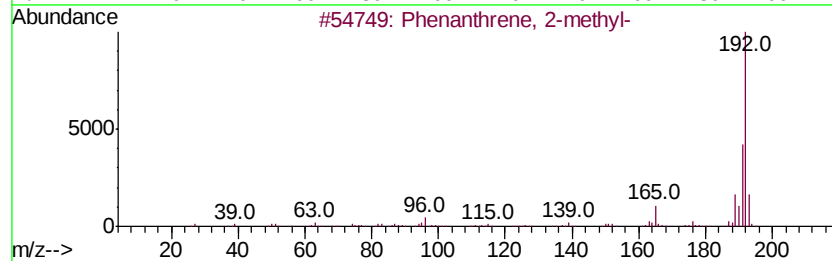
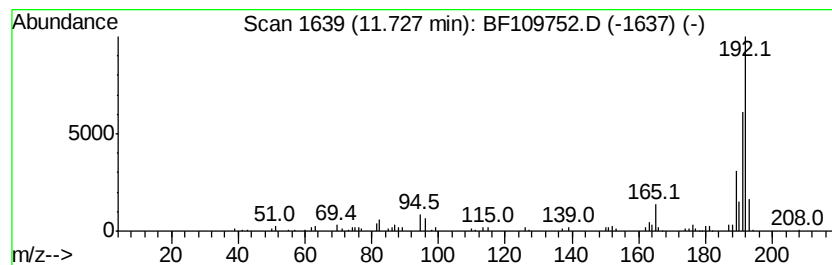
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	8.22 ng	288385	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



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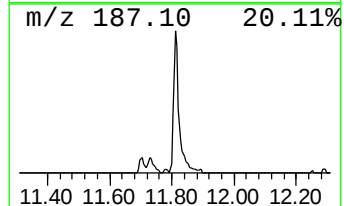
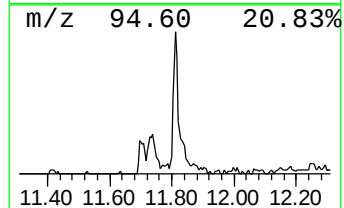
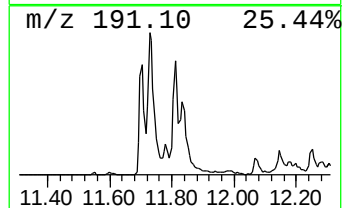
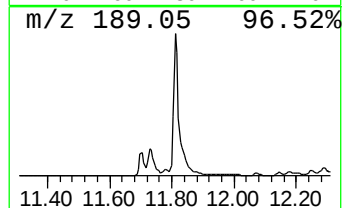
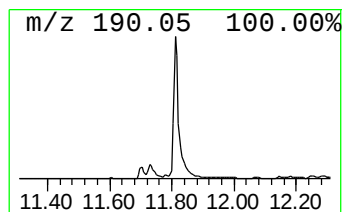
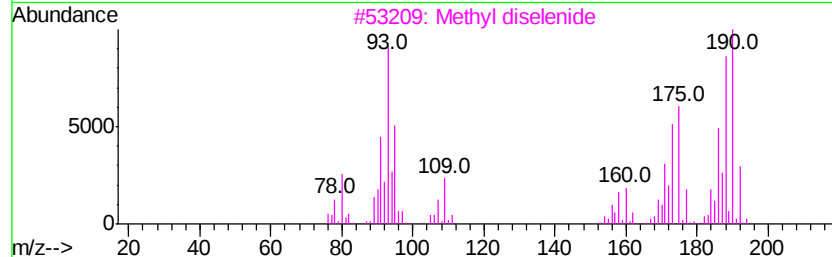
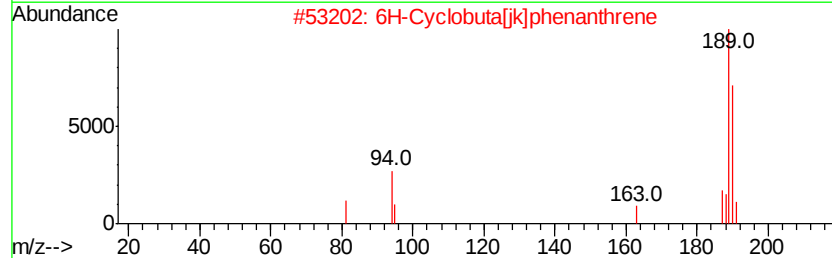
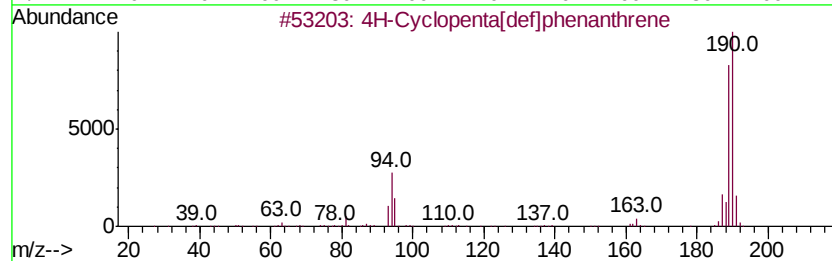
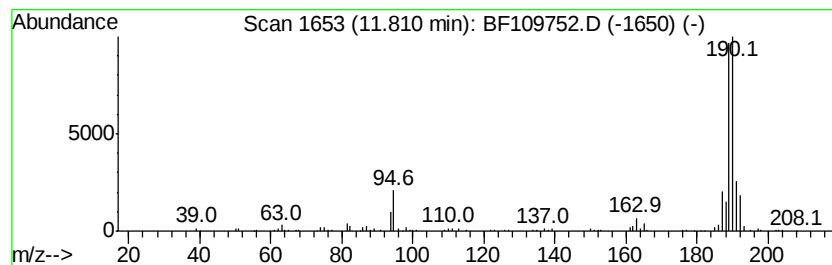
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.81	13.10 ng	459491	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40



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ALS Vial : 16 Sample Multiplier: 1

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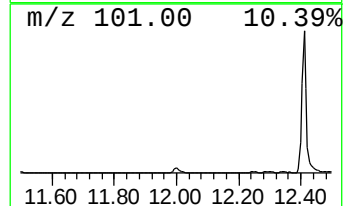
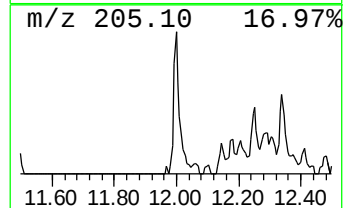
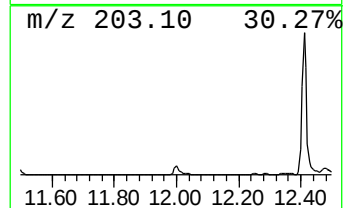
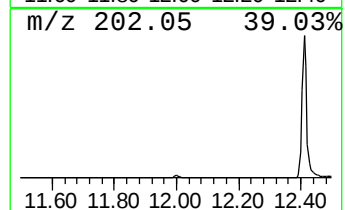
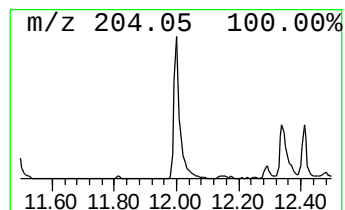
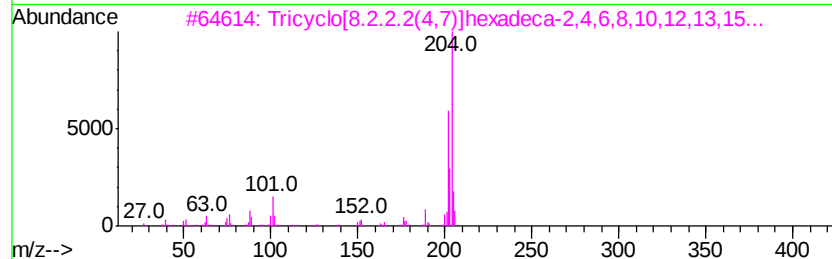
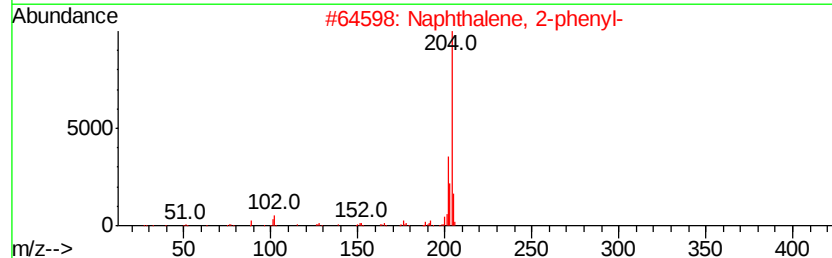
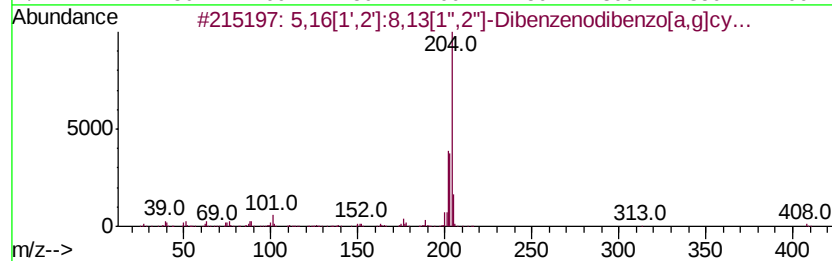
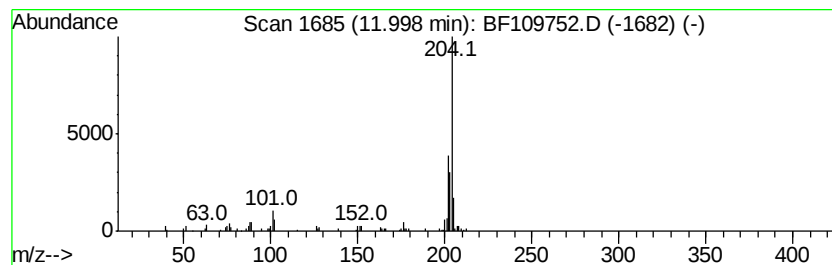
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.13 ng	144873	Phenanthrene-d10	11.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...			408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-			204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...			204	C16H12	006572-60-7	70
4	9,10-Bis(bromomethyl)anthracene			362	C16H12Br2	034373-96-1	68
5	6-Cyanophenanthridine			204	C14H8N2	002176-28-5	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109752.D
Acq On : 10 Oct 2018 19:48
Operator : JU/SJ
Sample : J5366-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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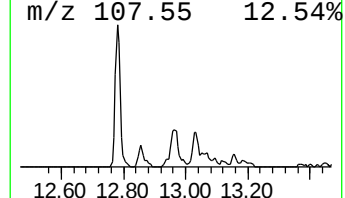
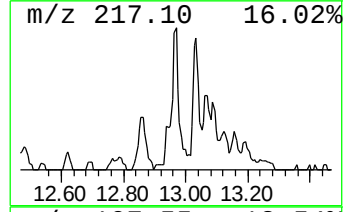
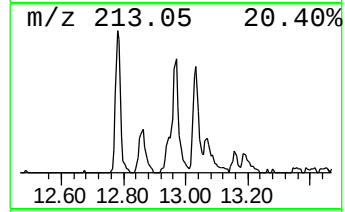
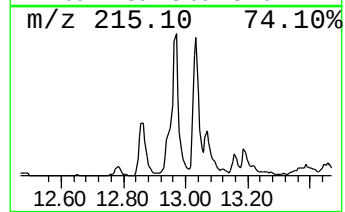
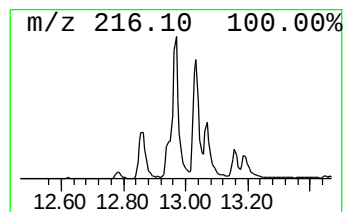
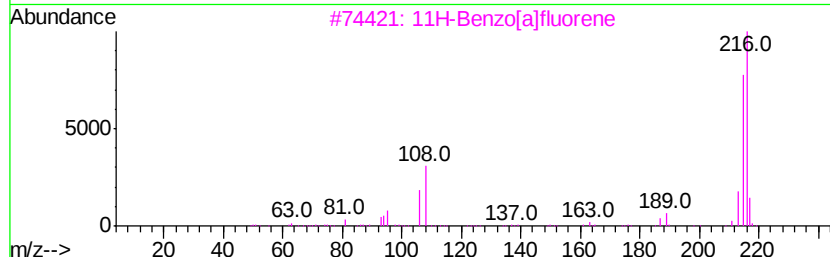
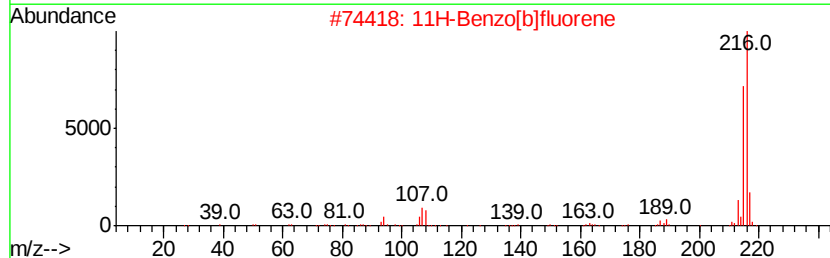
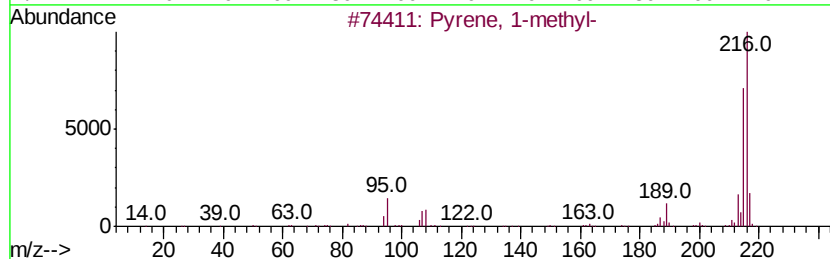
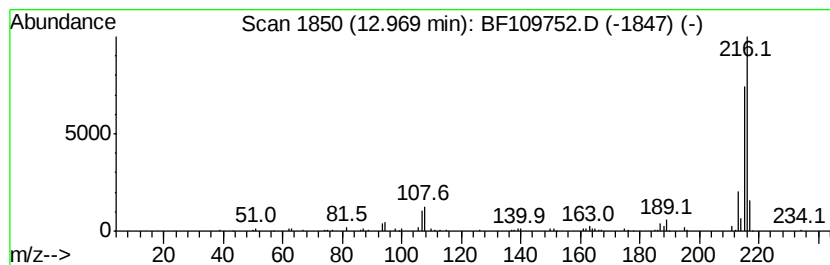
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.97 ng	186586	Chrysene-d12	13.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109752.D
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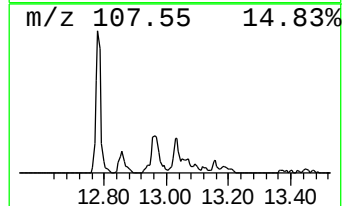
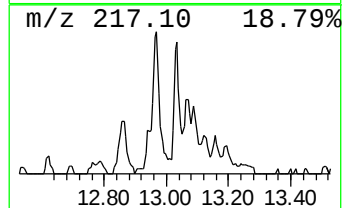
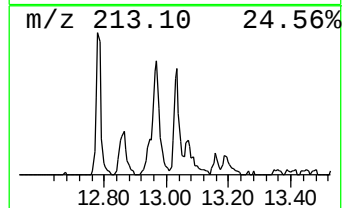
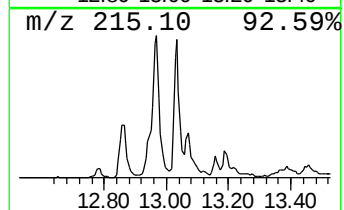
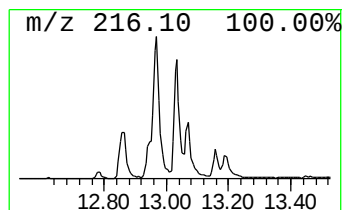
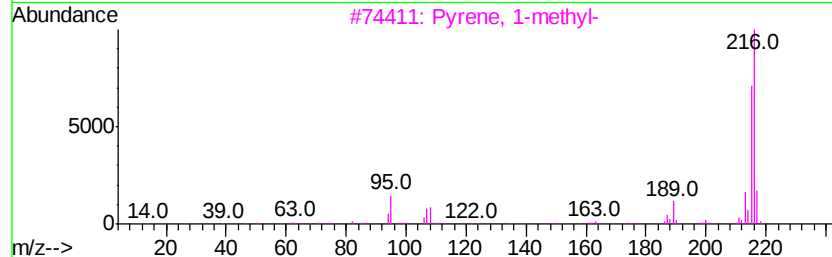
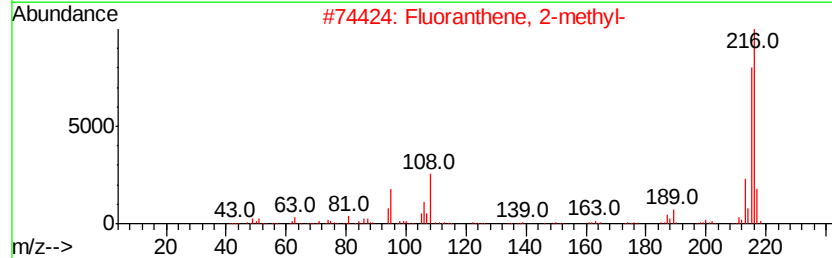
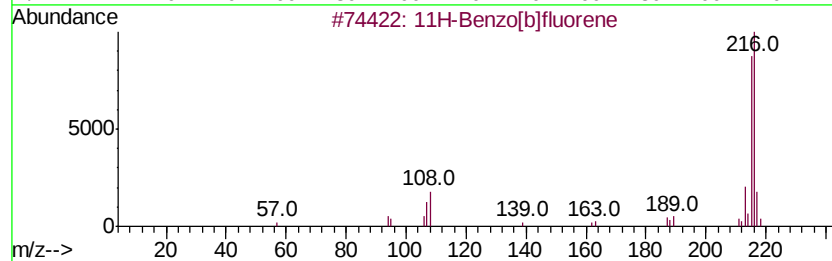
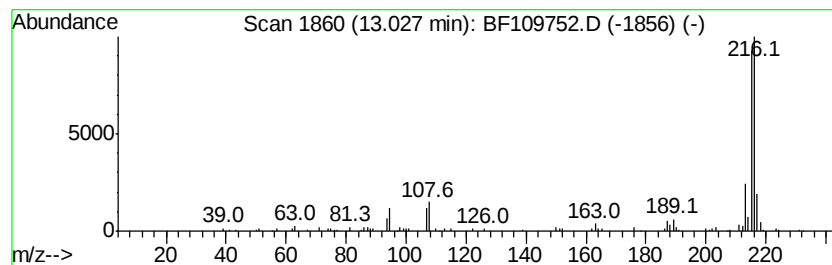
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.87 ng	180413	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
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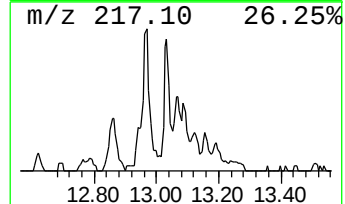
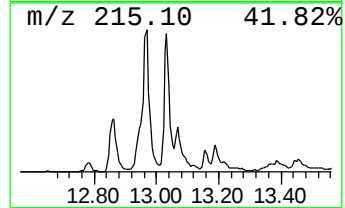
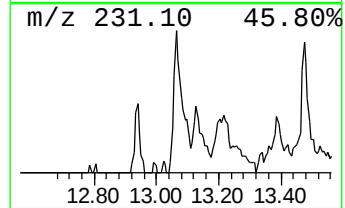
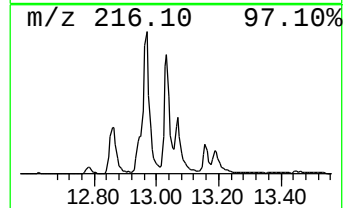
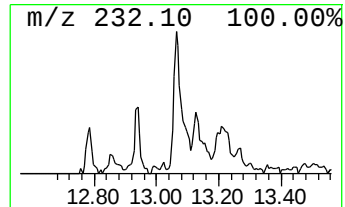
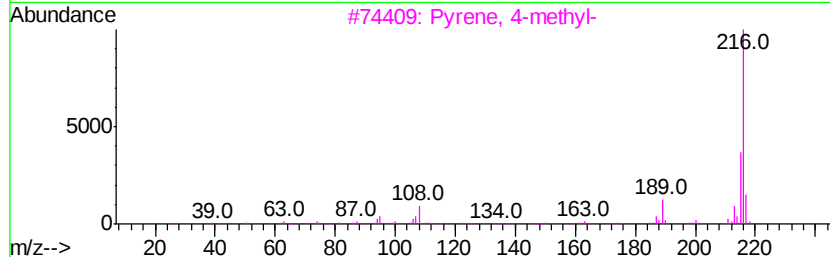
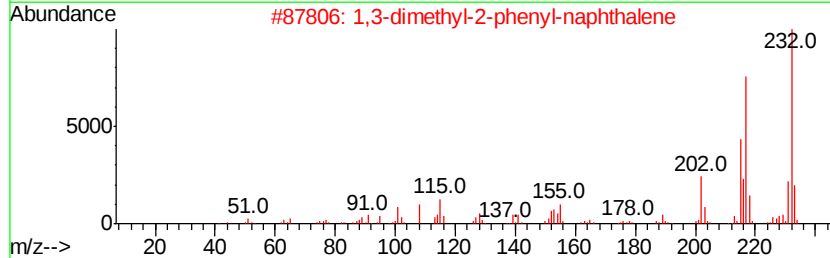
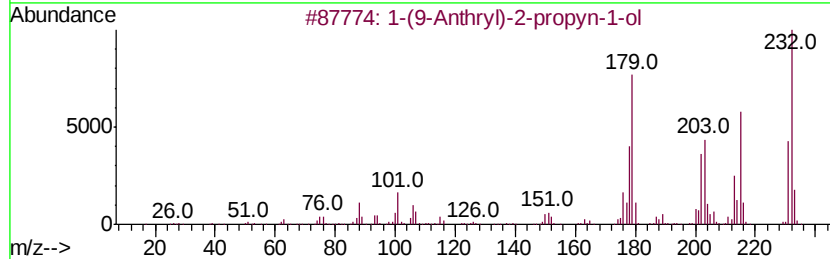
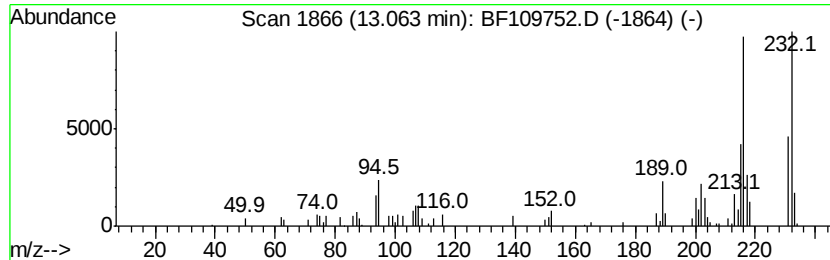
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-(9-Anthryl)-2-propyn-1-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.06	2.23 ng	140002	Chrysene-d12	13.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(9-Anthryl)-2-propyn-1-ol	232	C17H12O	031067-61-5	50
2	1,3-dimethyl-2-phenyl-naphthalene	232	C18H16	1000379-93-4	45
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	38
4	1-Methyl-4-p-tolyl-naphthalene	232	C18H16	093870-57-6	27
5	Phenol, 3,5-bis(1-pyrrolidinyl)-	232	C14H20N2O	016857-92-4	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
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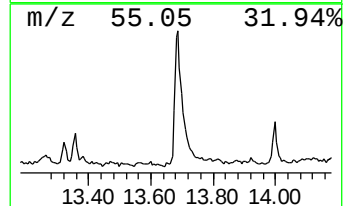
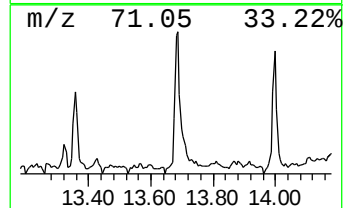
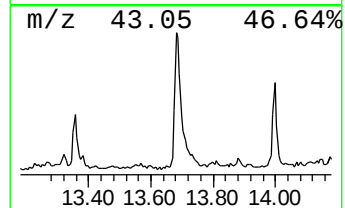
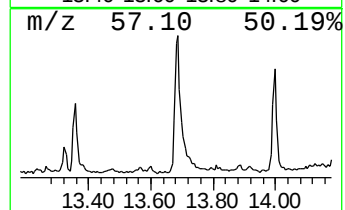
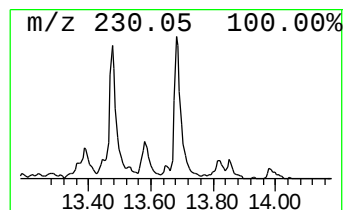
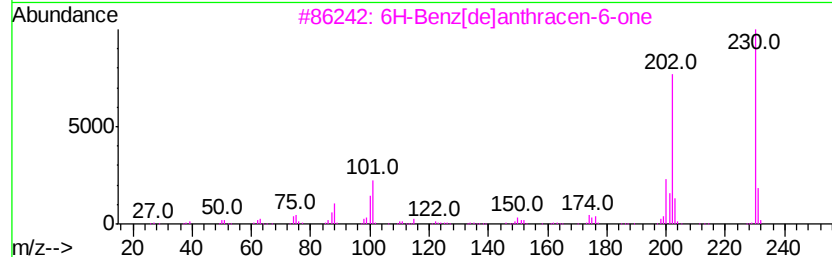
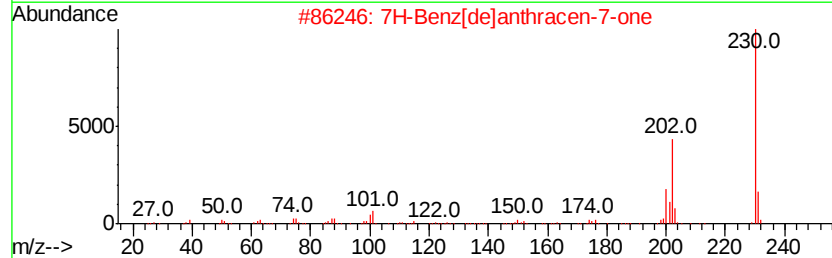
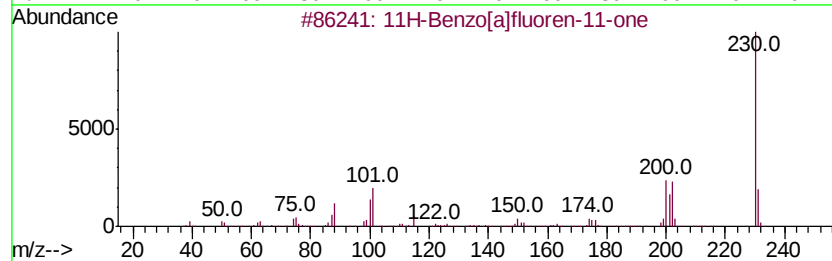
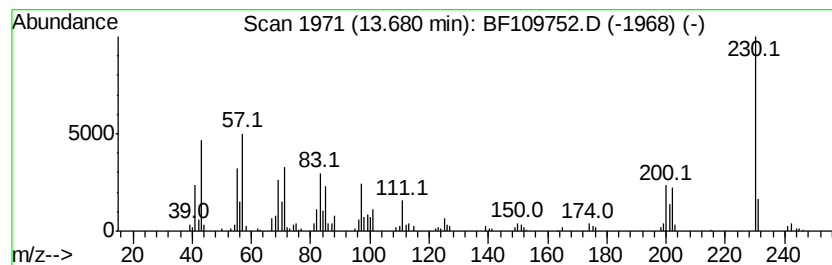
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.68	4.24 ng	266397	Chrysene-d12	13.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	46
4		m-Terphenyl	230	C18H14	000092-06-8	38
5		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	15



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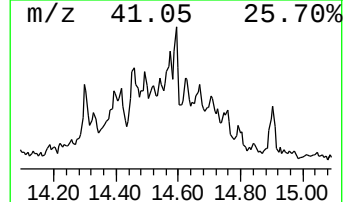
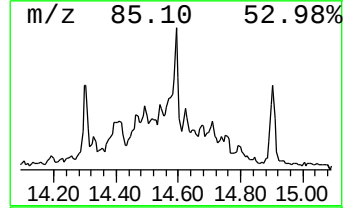
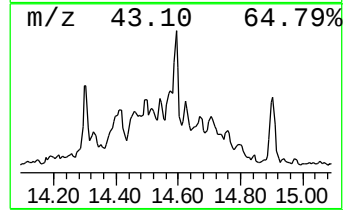
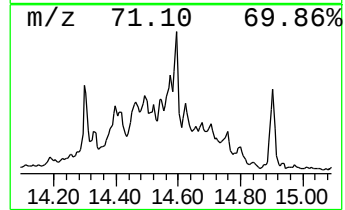
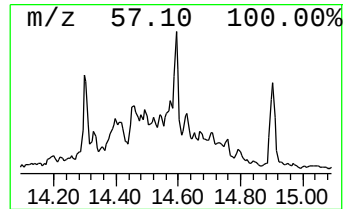
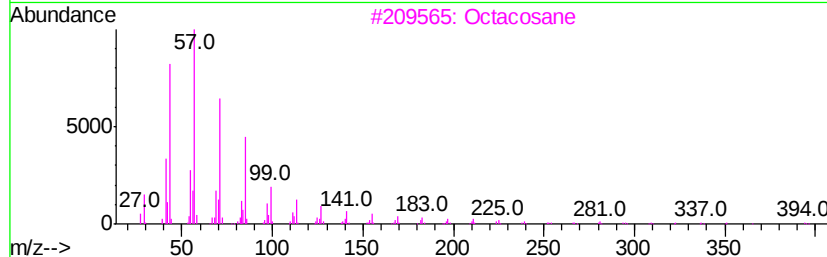
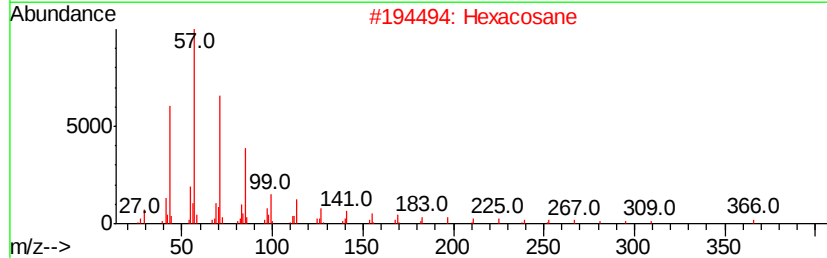
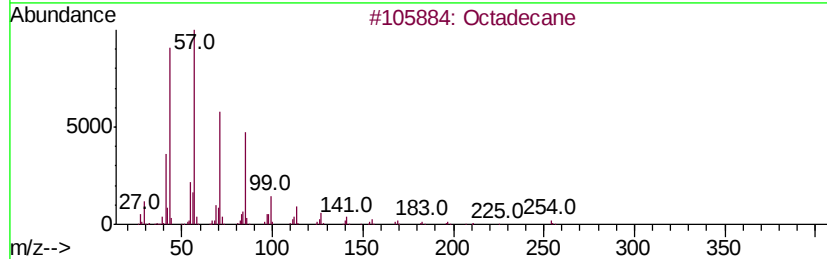
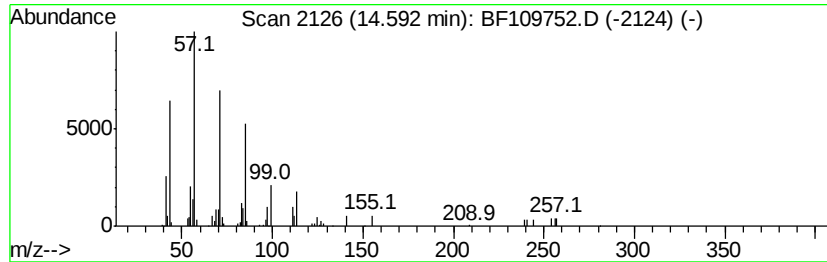
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.32 ng	77025	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	90
2			Hexacosane	366	C26H54	000630-01-3	86
3			Octacosane	394	C28H58	000630-02-4	83
4			Heneicosane	296	C21H44	000629-94-7	72
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
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ALS Vial : 16 Sample Multiplier: 1

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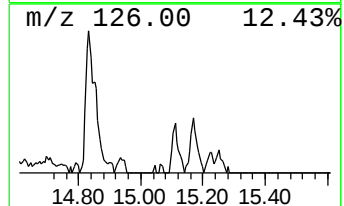
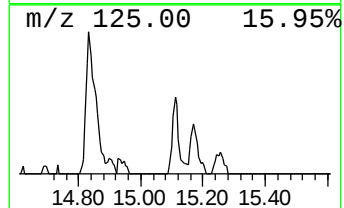
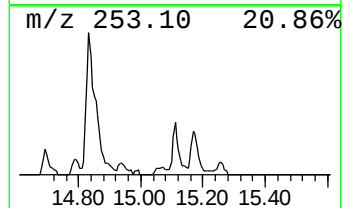
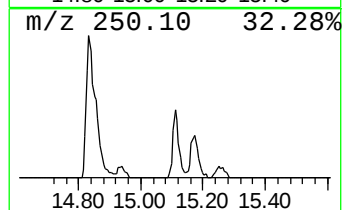
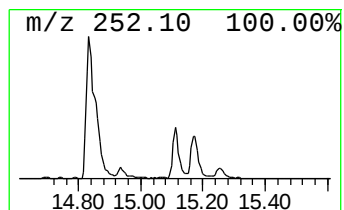
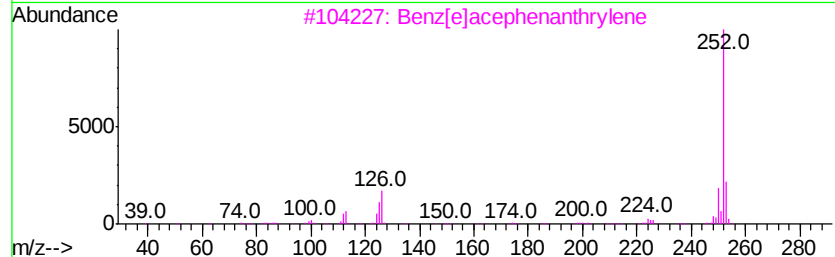
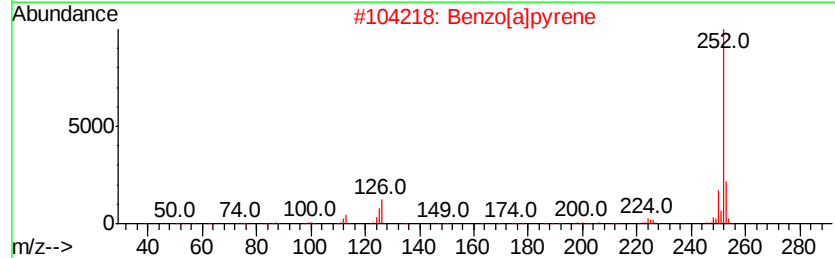
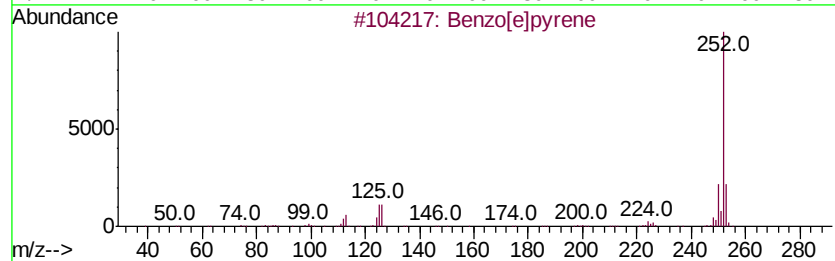
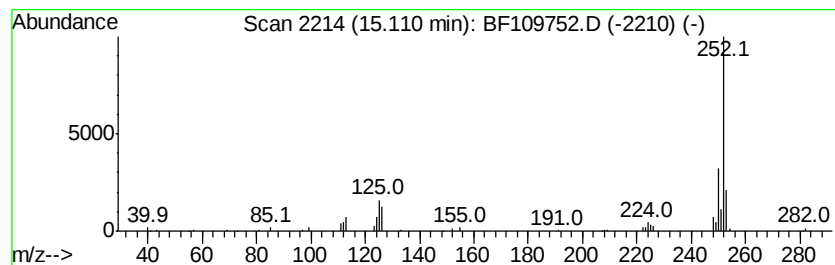
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.11 ng	70065	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[a]pyrene	252	C20H12	000050-32-8	91
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4			Perylene	252	C20H12	000198-55-0	89
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109752.D
 Acq On : 10 Oct 2018 19:48
 Operator : JU/SJ
 Sample : J5366-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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...	4.90	4.4 ng		104253	1	6.70	470871	20.0
unknown6.47	6.47	100.2 ng		2358840	1	6.70	470871	20.0
Naphthalene, 1,2,...	7.82	2.2 ng		53132	2	7.97	481053	20.0
[1,1'-Biphenyl]-4...	10.43	2.4 ng		87737	3	9.72	748262	20.0
9H-Fluorene, 2-me...	10.82	2.1 ng		73786	4	11.20	701300	20.0
9H-Fluoren-9-one	11.02	2.2 ng		78035	4	11.20	701300	20.0
Naphtho[1,2-b]thi...	11.10	5.9 ng		208303	4	11.20	701300	20.0
Anthracene, 9-met...	11.70	4.1 ng		144398	4	11.20	701300	20.0
Phenanthrene, 2-m...	11.73	8.2 ng		288385	4	11.20	701300	20.0
4H-Cyclopenta[def...	11.81	13.1 ng		459491	4	11.20	701300	20.0
5,16[1',2']:8,13[...	12.00	4.1 ng		144873	4	11.20	701300	20.0
Cyclopenta(def)ph...	12.34	2.5 ng		87071	4	11.20	701300	20.0
Pyrene, 1-methyl-	12.97	3.0 ng		186586	5	13.83	1255620	20.0
11H-Benzo[b]fluorene	13.03	2.9 ng		180413	5	13.83	1255620	20.0
1-(9-Anthryl)-2-p...	13.06	2.2 ng		140002	5	13.83	1255620	20.0
11H-Benzo[a]fluor...	13.68	4.2 ng		266397	5	13.83	1255620	20.0
Octadecane	14.59	2.3 ng		77025	6	15.23	663347	20.0
Benzo[e]pyrene	15.11	2.1 ng		70065	6	15.23	663347	20.0