

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133084.D
 Acq On : 27 Apr 2023 01:06
 Operator : CG\JU
 Sample : 02423-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPE-2WC-23-04-18

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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.922	478	482	489	rVB	103653	135371	2.86%	0.227%
2	5.345	549	554	557	rBV	3843229	3856404	81.34%	6.457%
3	6.263	707	710	717	rVB4	54541	76001	1.60%	0.127%
4	6.334	717	722	724	rBV2	88466	85512	1.80%	0.143%
5	6.375	724	729	732	rBV	3837727	3841104	81.02%	6.432%
6	6.734	786	790	793	rBV	1420516	1056943	22.29%	1.770%
7	7.298	879	886	889	rBV	2977899	2605765	54.96%	4.363%
8	8.016	1005	1008	1010	rBV	1739216	1453581	30.66%	2.434%
9	8.039	1010	1012	1015	rVB	754255	522925	11.03%	0.876%
10	8.357	1062	1066	1071	rBV4	33114	60275	1.27%	0.101%
11	8.728	1127	1129	1133	rVB	480545	352597	7.44%	0.590%
12	8.828	1143	1146	1149	rVB	460582	321912	6.79%	0.539%
13	9.092	1188	1191	1194	rVB	4404687	3863376	81.49%	6.469%
14	9.163	1198	1203	1205	rBV2	124204	124010	2.62%	0.208%
15	9.192	1205	1208	1211	rVB2	142538	147455	3.11%	0.247%
16	9.286	1222	1224	1229	rVB	81206	92081	1.94%	0.154%
17	9.357	1232	1236	1240	rBV	228545	300060	6.33%	0.502%
18	9.428	1245	1248	1251	rBV	482198	451751	9.53%	0.756%
19	9.457	1251	1253	1255	rVB	271895	193205	4.08%	0.324%
20	9.504	1255	1261	1263	rVB4	107323	132265	2.79%	0.221%
21	9.545	1263	1268	1270	rBV2	237773	223060	4.71%	0.373%
22	9.628	1279	1282	1284	rBV	440383	329676	6.95%	0.552%
23	9.686	1289	1292	1294	rVB2	79918	65798	1.39%	0.110%
24	9.710	1294	1296	1300	rVB	82131	62103	1.31%	0.104%
25	9.769	1300	1306	1309	rBV	1914505	1662891	35.08%	2.784%
26	9.798	1309	1311	1315	rVB	619503	530757	11.20%	0.889%
27	9.875	1321	1324	1329	rBV3	75294	133933	2.83%	0.224%
28	9.928	1329	1333	1335	rVV2	53601	81086	1.71%	0.136%
29	9.975	1337	1341	1344	rVB	622676	548810	11.58%	0.919%
30	10.010	1344	1347	1350	rBV	210794	175550	3.70%	0.294%
31	10.086	1355	1360	1363	rBV3	202402	253736	5.35%	0.425%
32	10.116	1363	1365	1367	rVB	149291	102109	2.15%	0.171%
33	10.175	1371	1375	1377	rVV2	137488	174418	3.68%	0.292%
34	10.216	1380	1382	1386	rVB2	56003	71212	1.50%	0.119%
35	10.316	1396	1399	1405	rVB	796807	736701	15.54%	1.234%
36	10.380	1405	1410	1412	rBV	152416	193966	4.09%	0.325%

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Peak Location: TOP

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37	10.404	1412	1414	1416	rVV2	121113	104716	2.21%	0.175%
38	10.427	1416	1418	1420	rVV2	131561	129810	2.74%	0.217%
39	10.480	1423	1427	1432	rVB2	660611	677250	14.29%	1.134%
40	10.557	1436	1440	1444	rBV	2660371	2360429	49.79%	3.952%
41	10.598	1444	1447	1451	rVV4	103905	122999	2.59%	0.206%
42	10.680	1458	1461	1468	rBV5	158404	233328	4.92%	0.391%
43	10.757	1472	1474	1476	rBV2	72257	79054	1.67%	0.132%
44	10.863	1488	1492	1494	rBV3	256676	272637	5.75%	0.457%
45	10.892	1494	1497	1499	rVB	159771	141613	2.99%	0.237%
46	10.992	1509	1514	1516	rBV3	146748	221342	4.67%	0.371%
47	11.057	1522	1525	1529	rVB	469083	427424	9.02%	0.716%
48	11.110	1530	1534	1537	rBV2	179869	256171	5.40%	0.429%
49	11.145	1537	1540	1543	rBV	394579	370410	7.81%	0.620%
50	11.251	1555	1558	1560	rBV	1368850	1326573	27.98%	2.221%
51	11.280	1560	1563	1566	rVV	5132057	4740894	100.00%	7.938%
52	11.327	1566	1571	1574	rVV	1148467	956808	20.18%	1.602%
53	11.363	1574	1577	1580	rVV3	160007	189152	3.99%	0.317%
54	11.480	1594	1597	1600	rBV	552667	413092	8.71%	0.692%
55	11.580	1612	1614	1617	rVB	270154	209271	4.41%	0.350%
56	11.757	1640	1644	1646	rBV	876367	870144	18.35%	1.457%
57	11.780	1646	1648	1654	rVV2	1186220	1735614	36.61%	2.906%
58	11.827	1654	1656	1658	rVV	321343	271864	5.73%	0.455%
59	11.863	1659	1662	1665	rVV	1136429	1315154	27.74%	2.202%
60	11.886	1665	1666	1669	rVB	647660	426954	9.01%	0.715%
61	12.051	1692	1694	1696	rBV	589126	554019	11.69%	0.928%
62	12.069	1696	1697	1702	rVB2	736771	692895	14.62%	1.160%
63	12.304	1735	1737	1740	rBV	465632	428948	9.05%	0.718%
64	12.386	1749	1751	1756	rBV2	447288	554527	11.70%	0.929%
65	12.474	1761	1766	1768	rBV	4303366	4586609	96.75%	7.680%
66	12.698	1799	1804	1807	rBV2	3810001	4304292	90.79%	7.207%
67	12.845	1825	1829	1835	rVB	2412881	2324035	49.02%	3.891%
68	13.892	2004	2007	2010	rBV2	1496479	1975802	41.68%	3.308%
69	13.927	2011	2013	2019	rVB	1682294	1430125	30.17%	2.395%

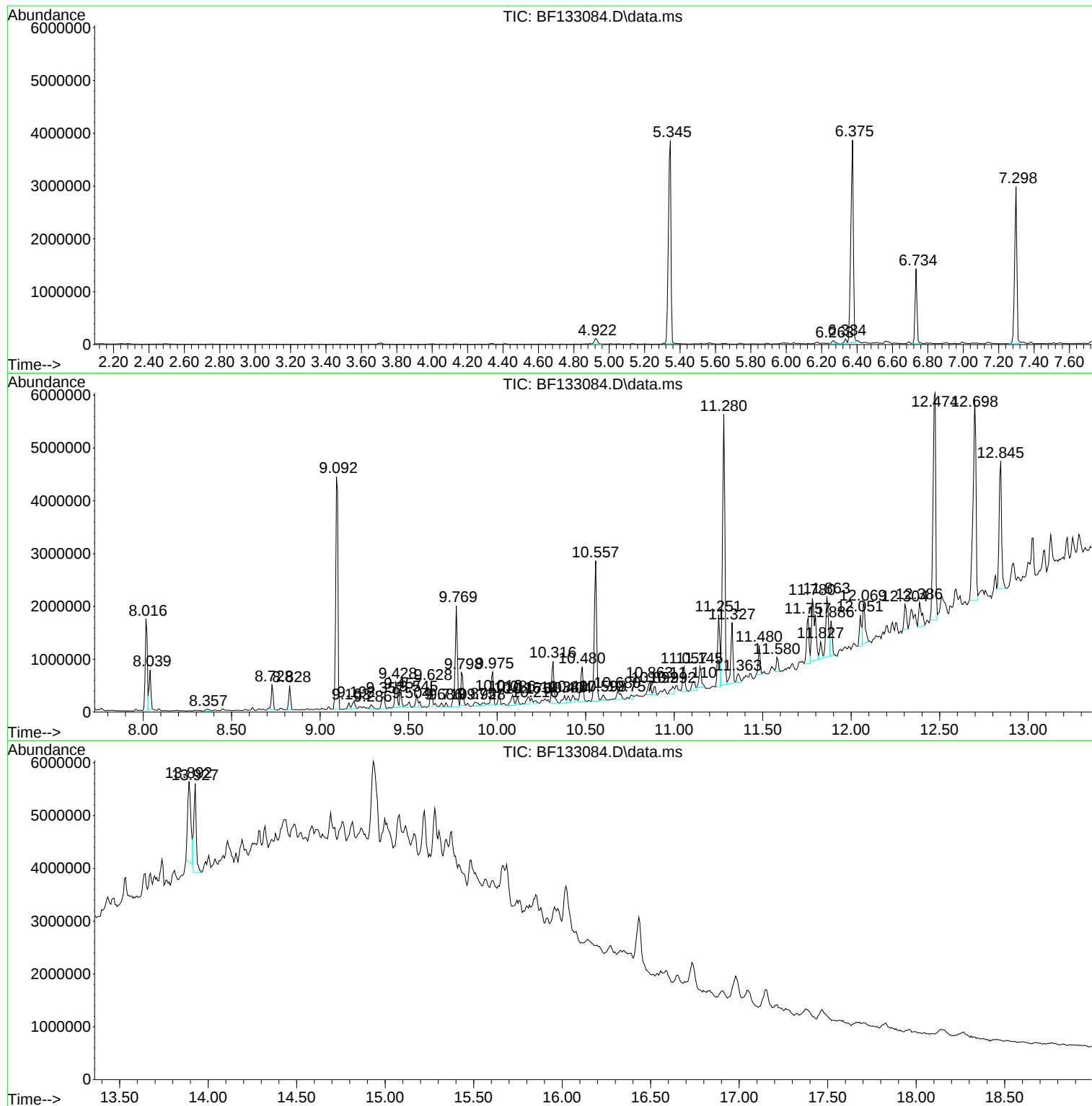
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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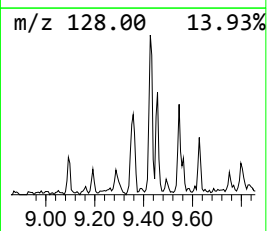
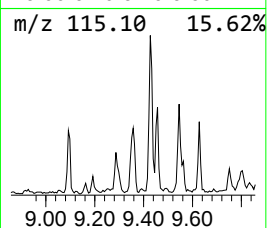
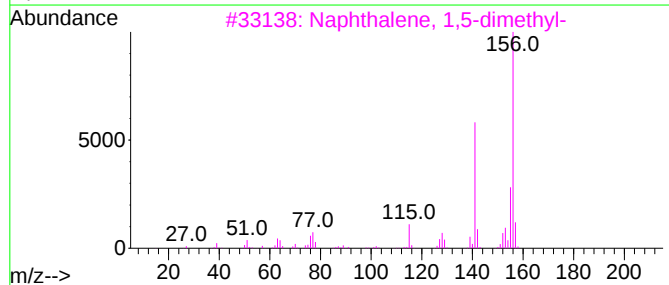
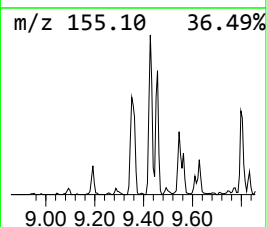
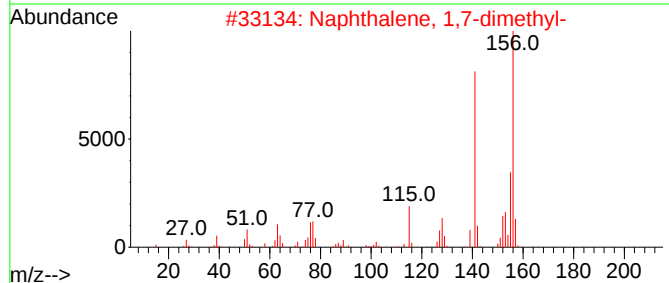
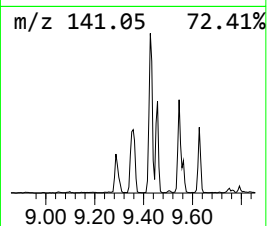
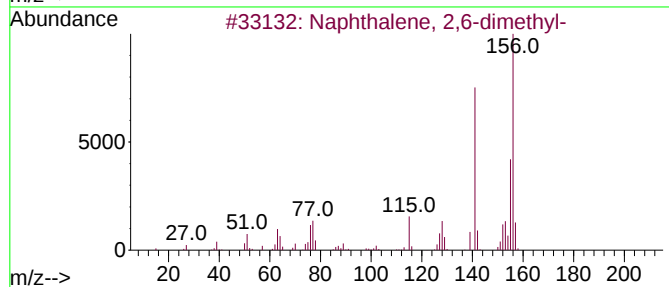
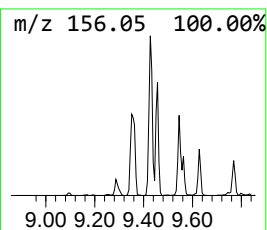
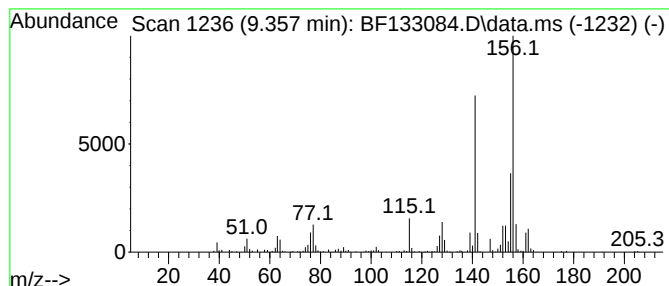
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.357	3.61 ng	300060	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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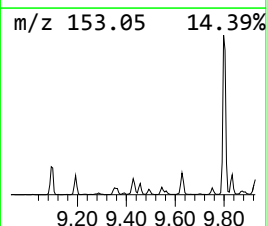
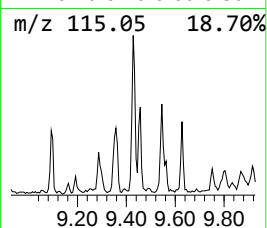
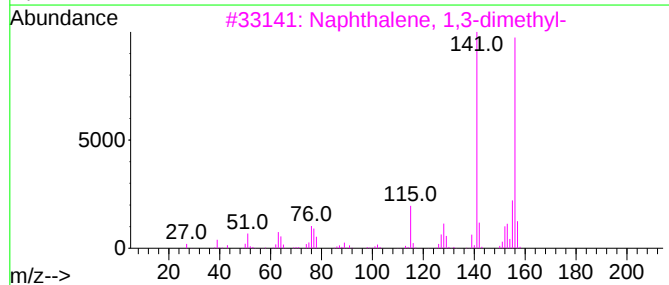
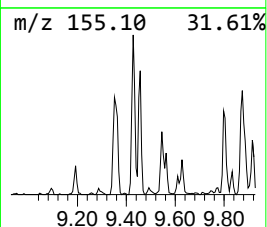
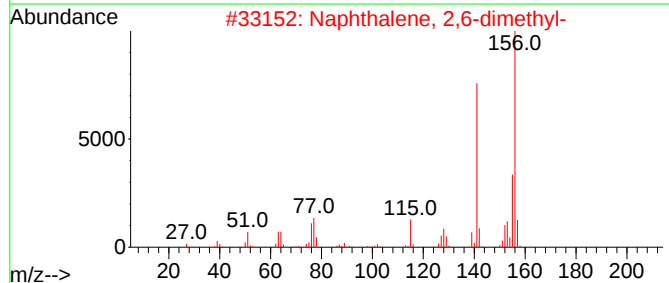
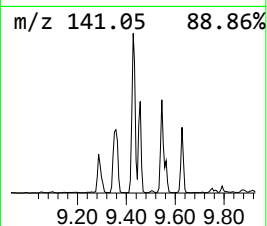
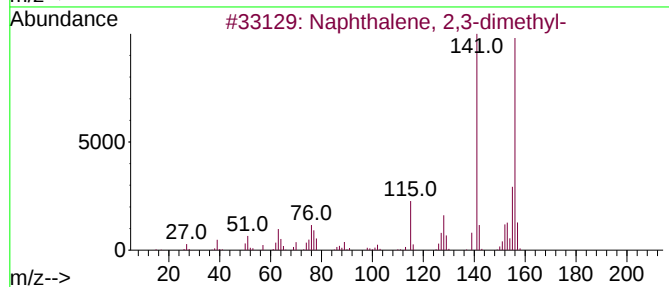
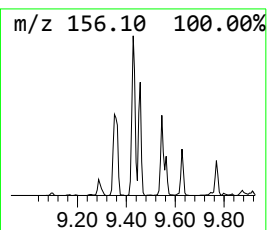
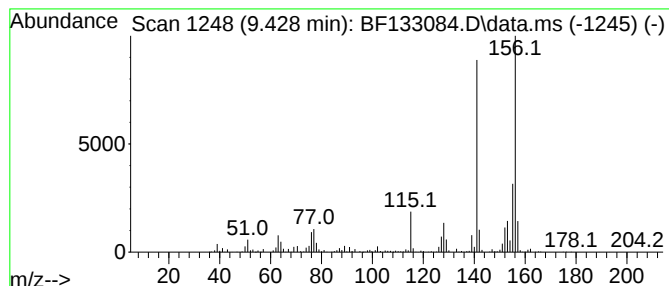
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.428	5.43 ng	451751	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



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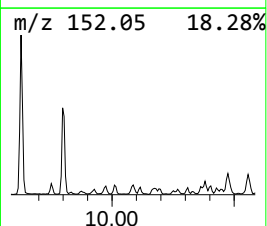
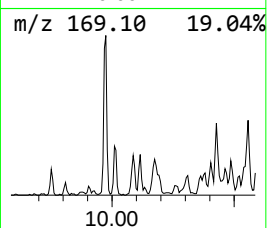
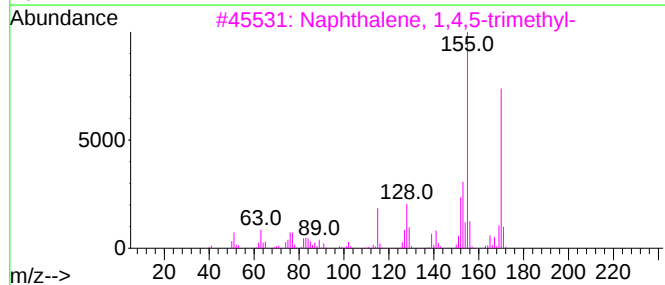
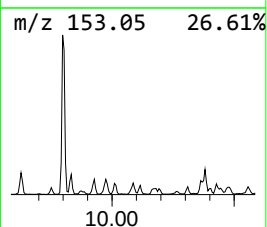
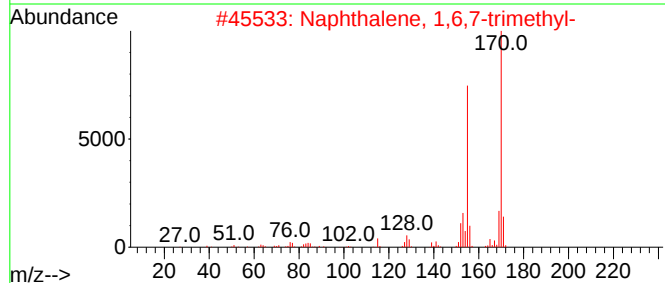
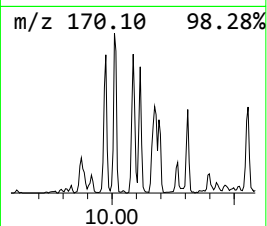
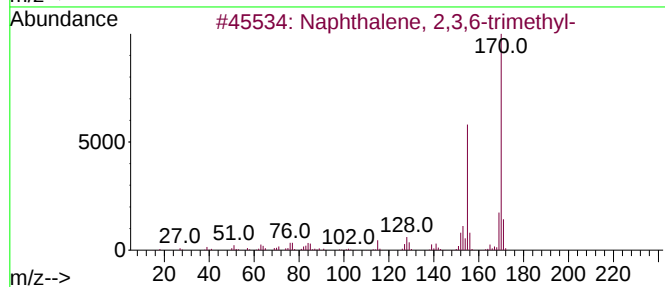
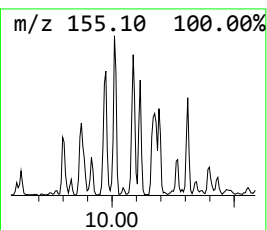
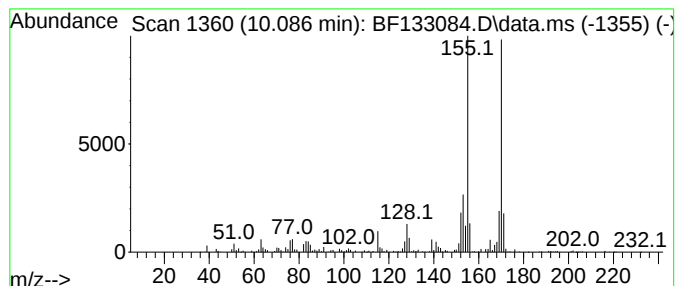
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.086	3.05 ng	253736	Acenaphthene-d10	9.769	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90



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Instrument :
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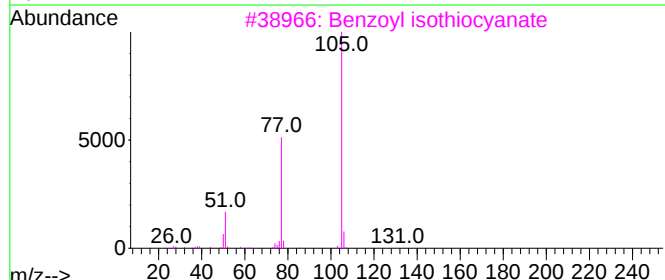
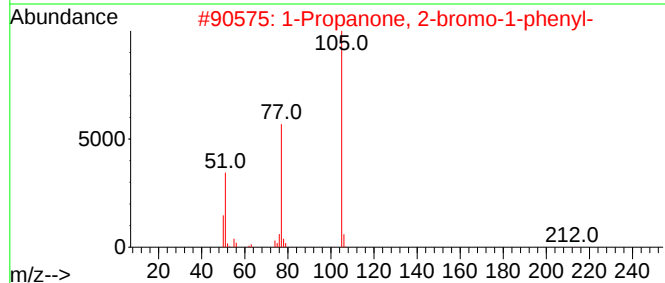
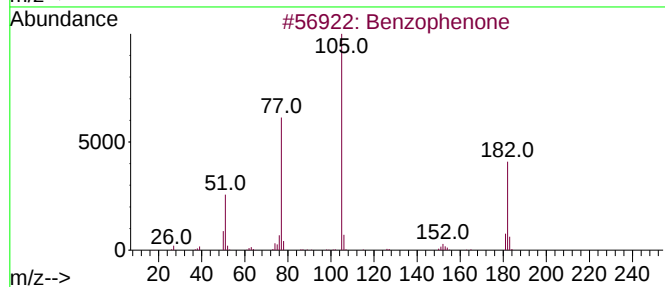
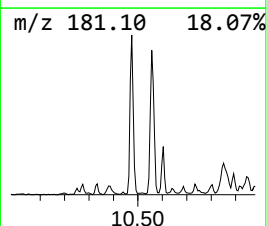
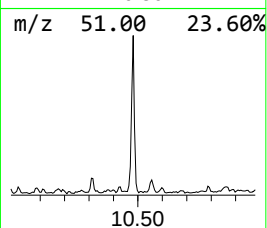
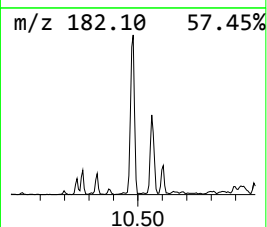
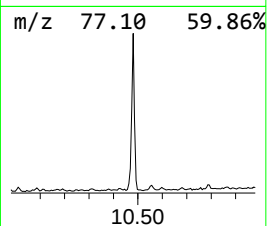
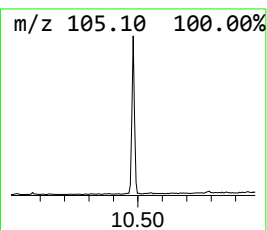
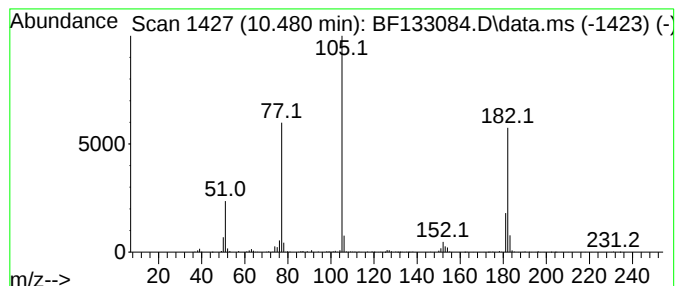
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.480	8.15 ng	677250	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
3			Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47
4			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5			Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47



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Data File : BF133084.D
Acq On : 27 Apr 2023 01:06
Operator : CG\JU
Sample : 02423-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SPE-2WC-23-04-18

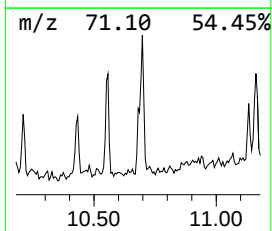
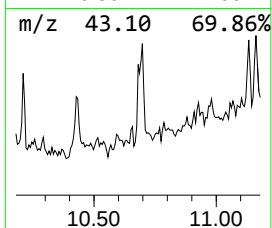
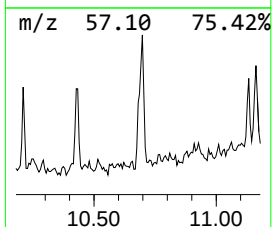
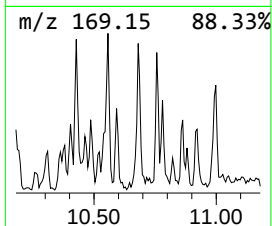
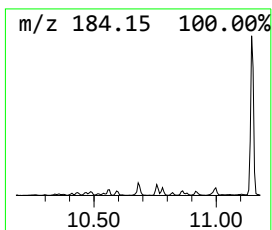
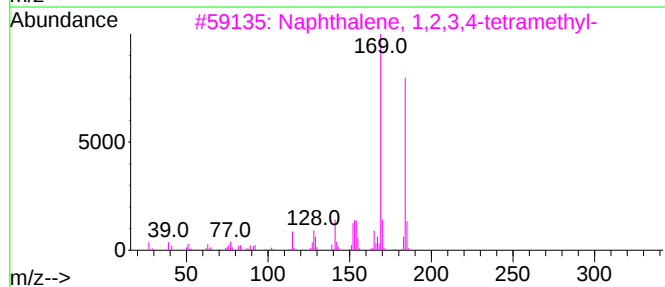
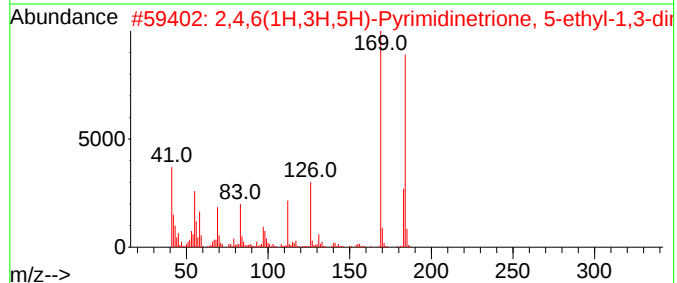
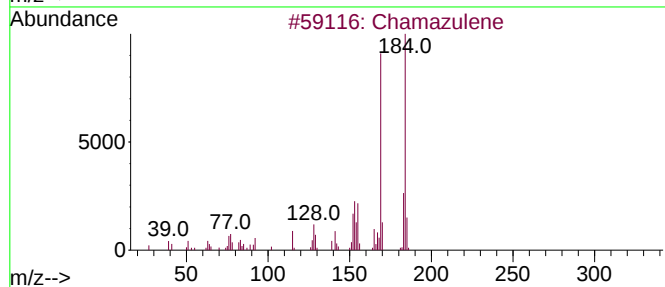
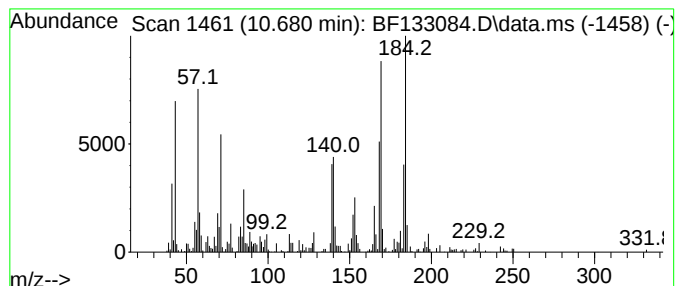
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Chamazulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	3.52 ng	233328	Phenanthrene-d10	11.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chamazulene	184	C14H16	000529-05-5	55
2			2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	50
3			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	46
4			1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	45
5			2,3-Dimethoxy-5-methylhydroquinone	184	C9H12O4	003066-90-8	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
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Sample : 02423-15
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Instrument :
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ClientSampleId :
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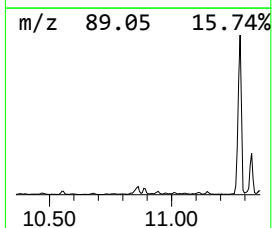
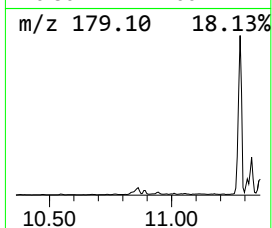
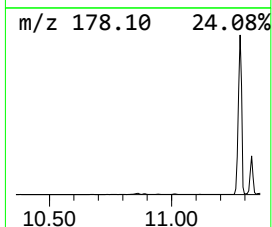
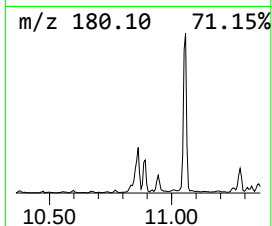
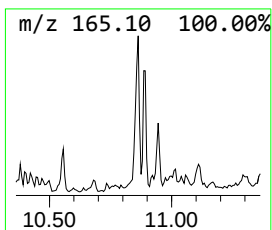
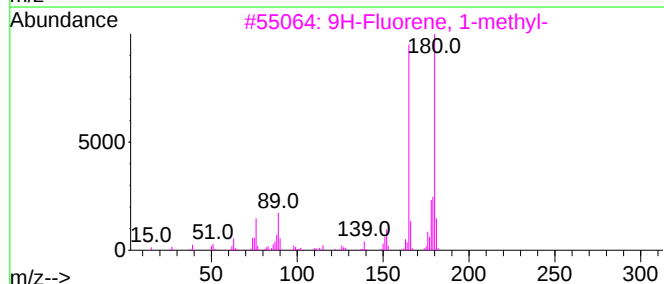
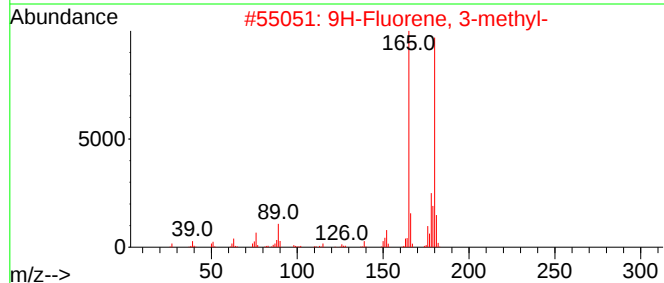
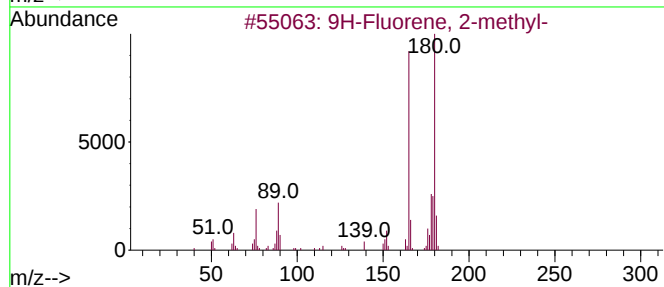
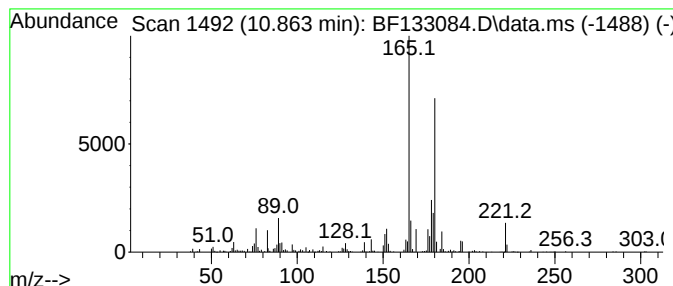
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.863	4.11 ng	272637	Phenanthrene-d10	11.251

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
4		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
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Acq On : 27 Apr 2023 01:06
Operator : CG\JU
Sample : 02423-15
Misc :
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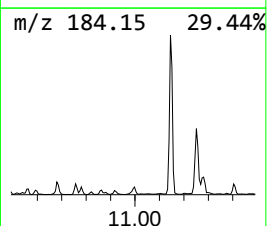
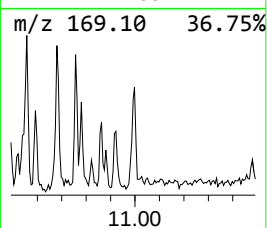
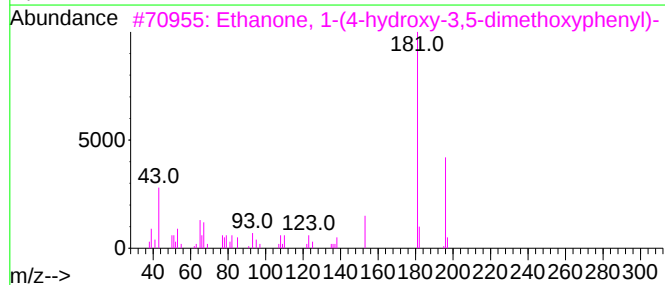
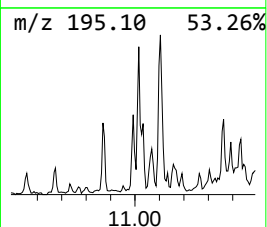
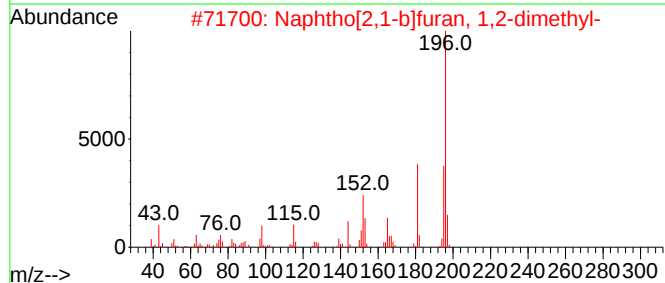
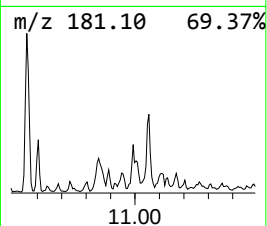
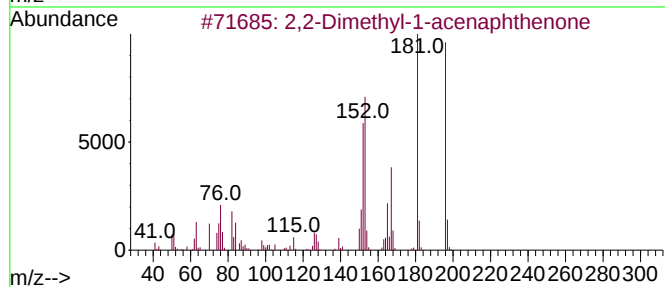
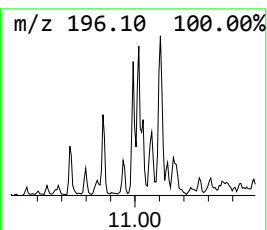
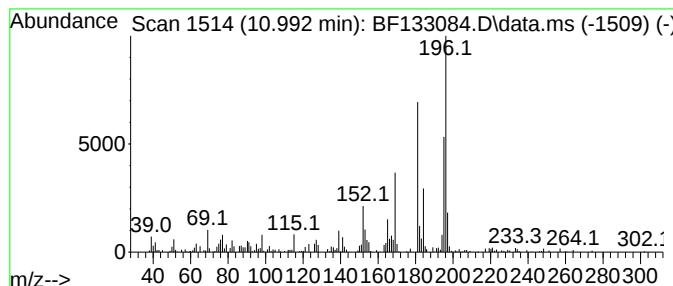
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2,2-Dimethyl-1-acenaphthenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.992	3.34 ng	221342	Phenanthrene-d10	11.251	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	60
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	60
3	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	46
4	Benzaldehyde, 3,4,5-trimethoxy-	196	C10H12O4	000086-81-7	43
5	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133084.D
Acq On : 27 Apr 2023 01:06
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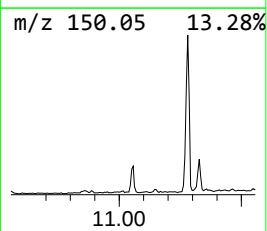
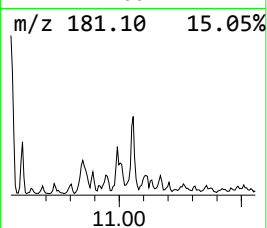
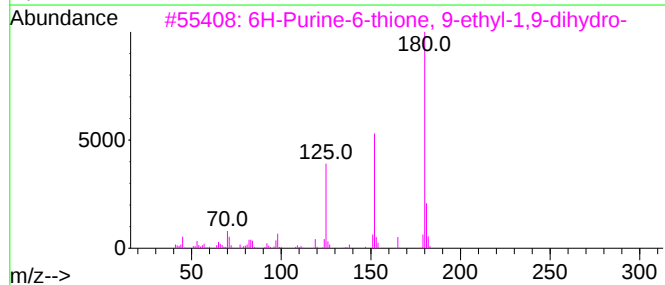
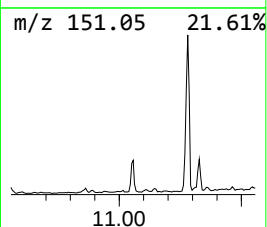
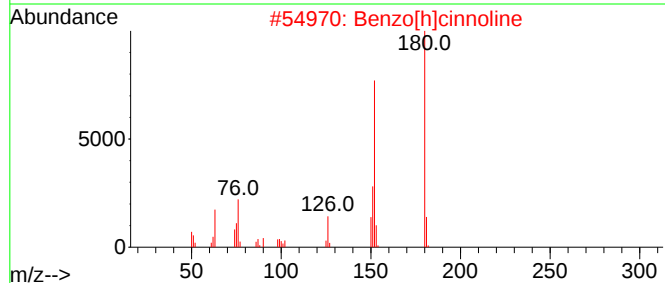
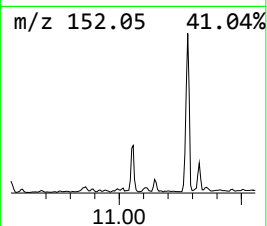
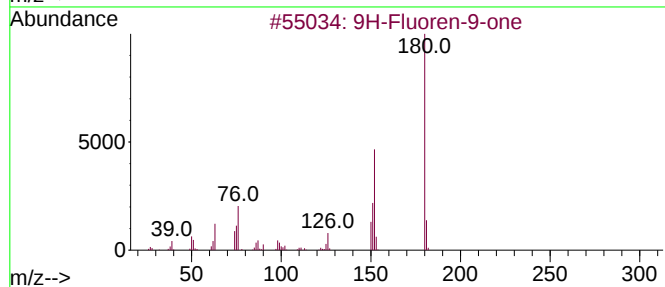
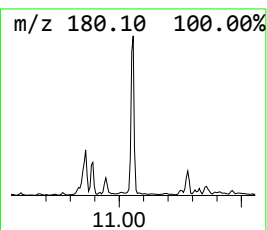
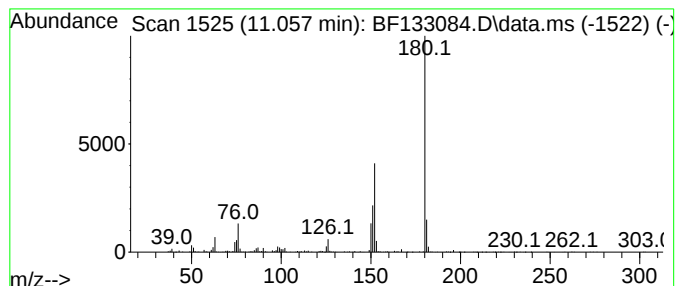
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.057	6.44 ng	427424	Phenanthrene-d10	11.251

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	86
3			6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	59
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
5			2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
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Instrument :
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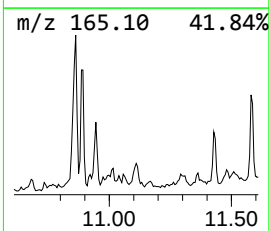
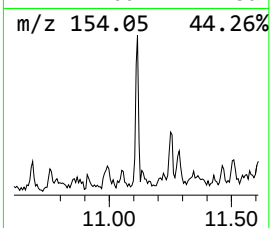
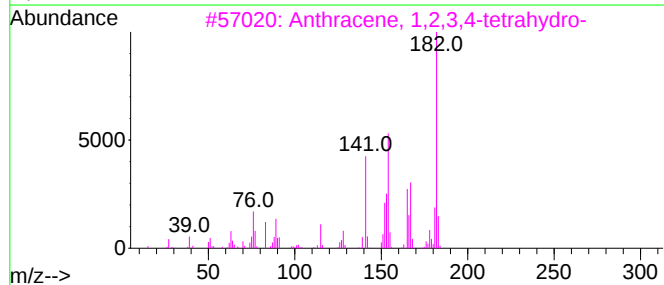
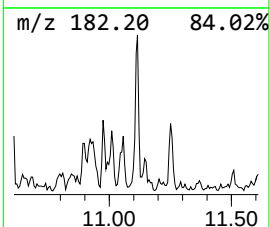
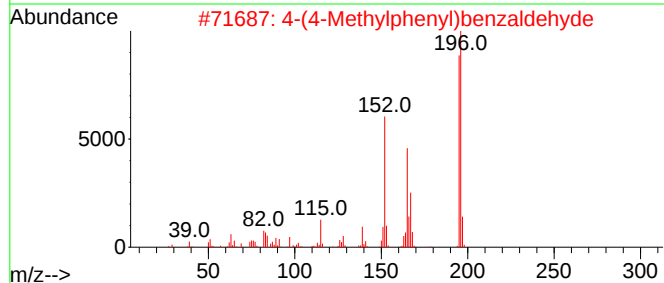
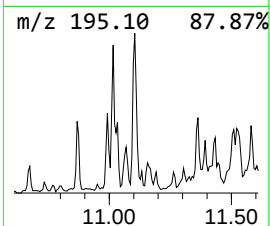
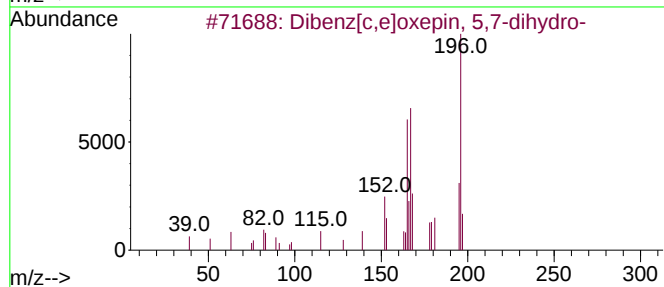
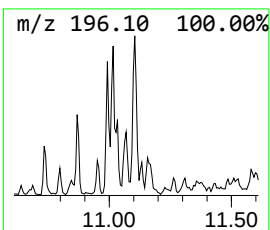
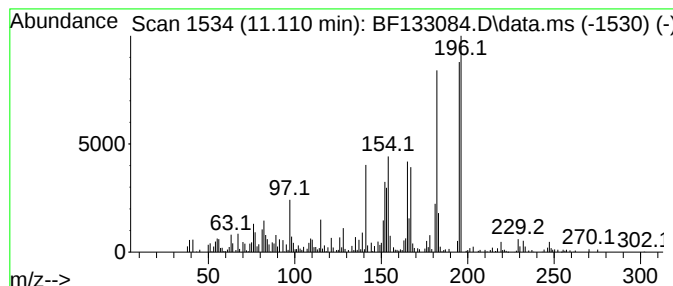
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown11.110 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	3.86 ng	256171	Phenanthrene-d10	11.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	46
2			4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	45
3			Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	45
4			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	41
5			Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
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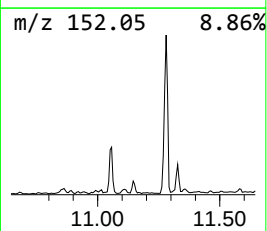
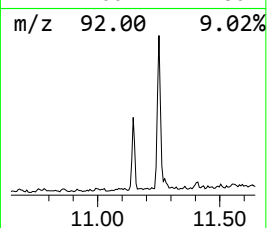
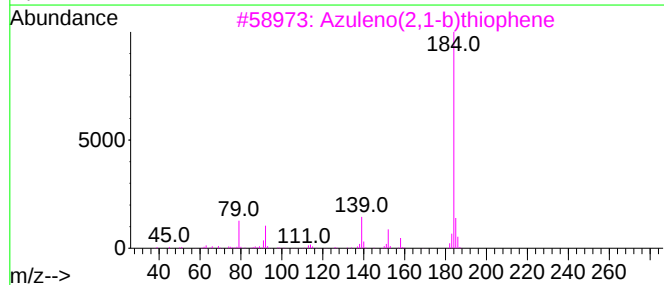
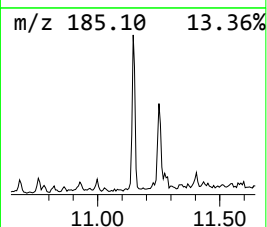
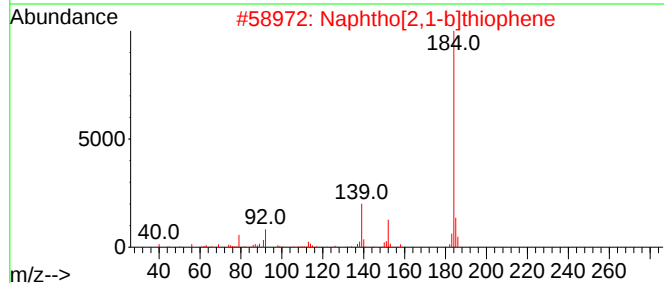
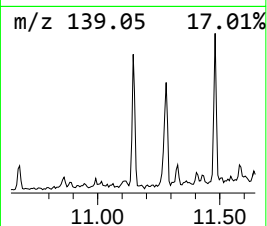
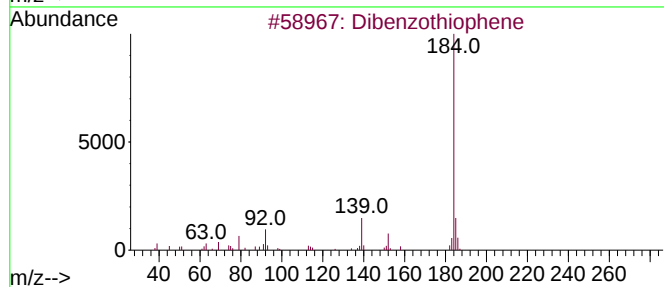
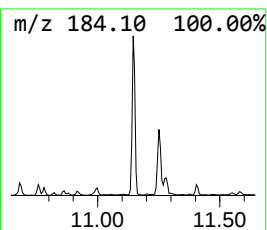
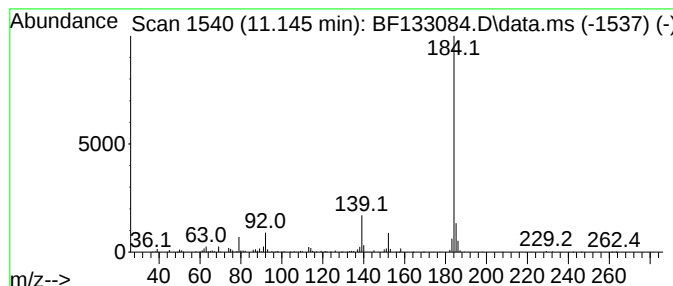
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.145	5.58 ng	370410	Phenanthrene-d10	11.251

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	96
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
5		Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
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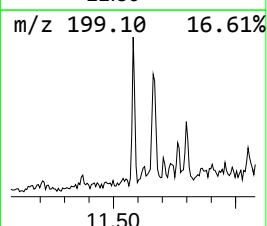
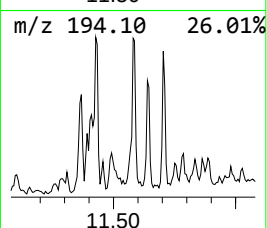
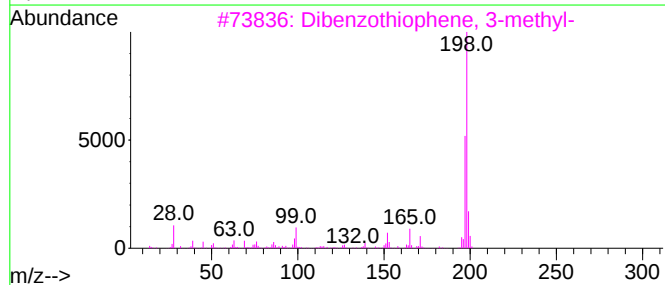
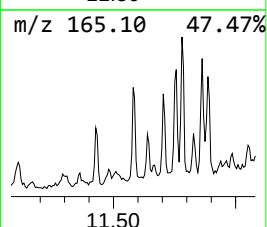
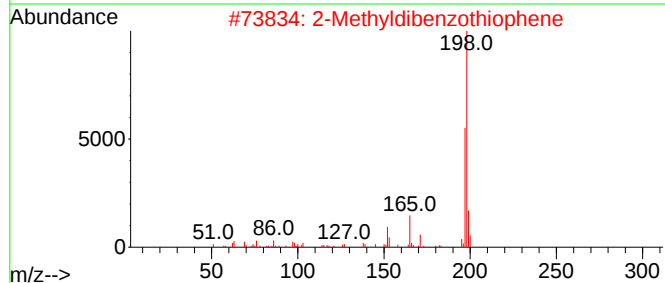
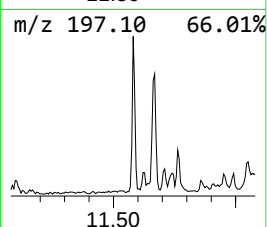
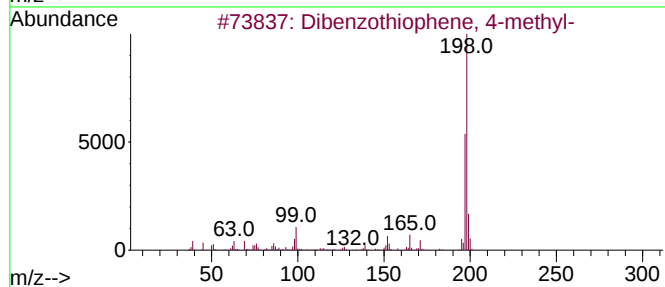
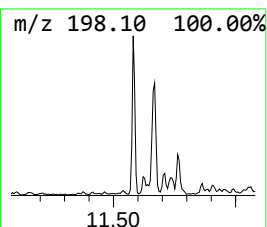
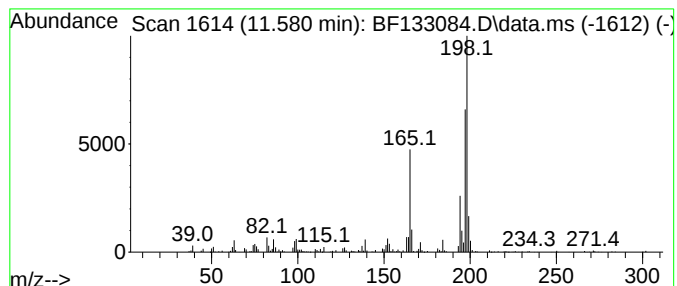
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ClientSampleId :
SPE-2WC-23-04-18

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dibenzothiophene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.580	3.16 ng	209271	Phenanthrene-d10		11.251	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-		198	C13H10S	007372-88-5	86
2	2-Methyldibenzothiophene		198	C13H10S	1000383-55-1	80
3	Dibenzothiophene, 3-methyl-		198	C13H10S	016587-52-3	68
4	Thioxanthene		198	C13H10S	000261-31-4	53
5	Tacrine		198	C13H14N2	000321-64-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133084.D
Acq On : 27 Apr 2023 01:06
Operator : CG\JU
Sample : 02423-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPE-2WC-23-04-18

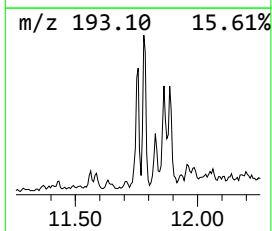
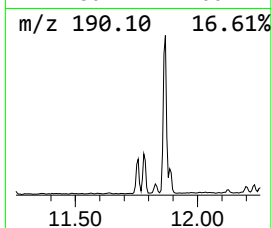
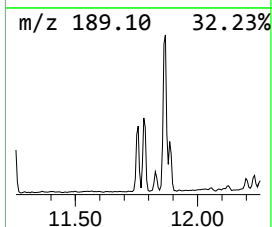
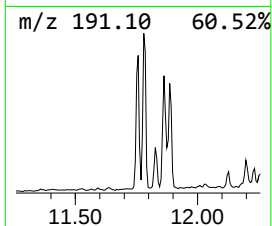
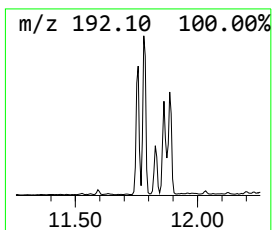
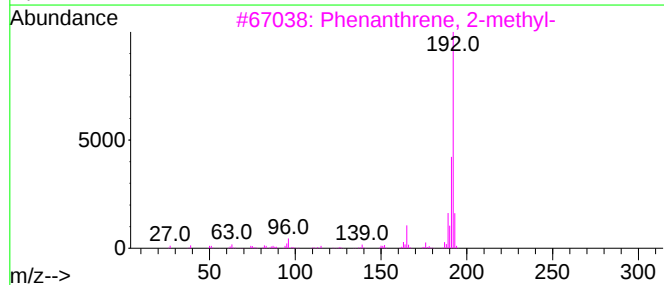
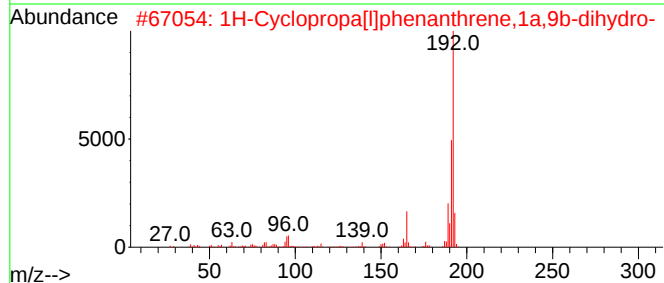
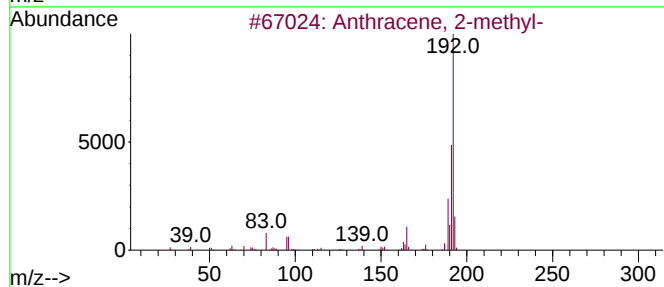
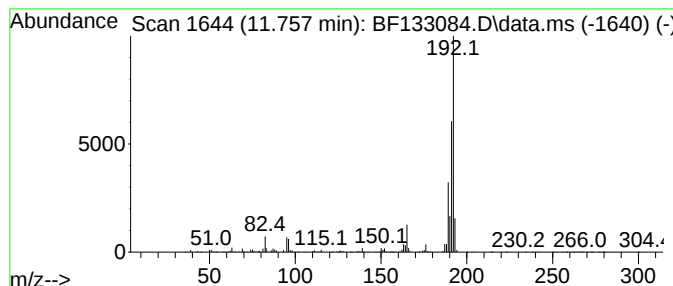
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	13.12 ng	870144	Phenanthrene-d10	11.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133084.D
Acq On : 27 Apr 2023 01:06
Operator : CG\JU
Sample : 02423-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

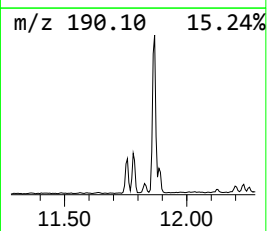
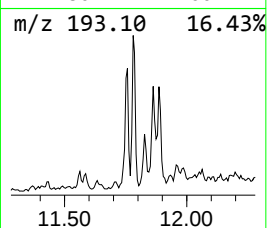
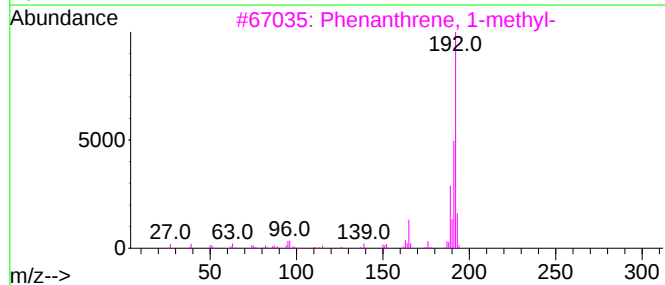
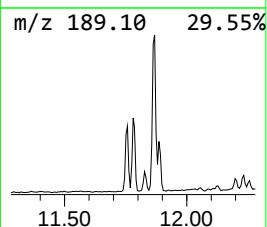
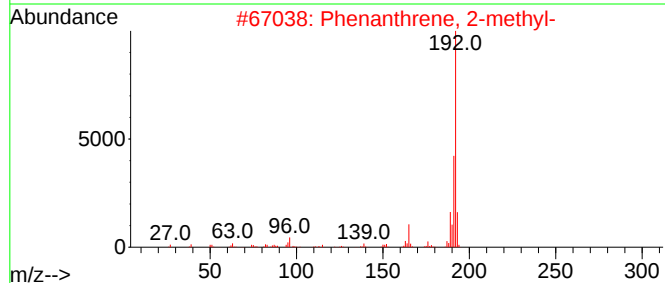
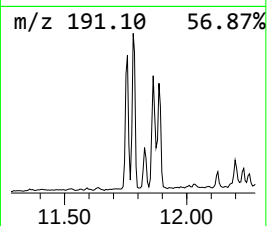
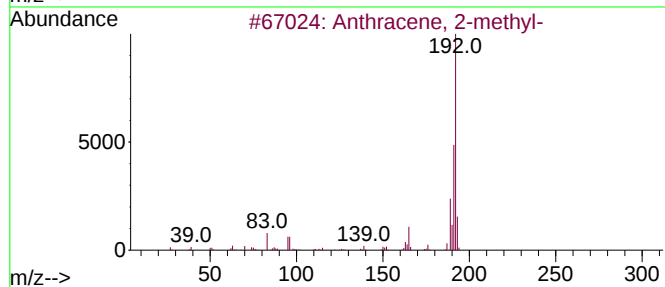
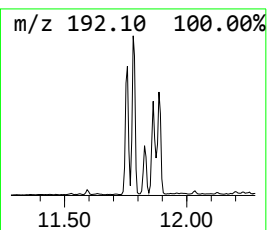
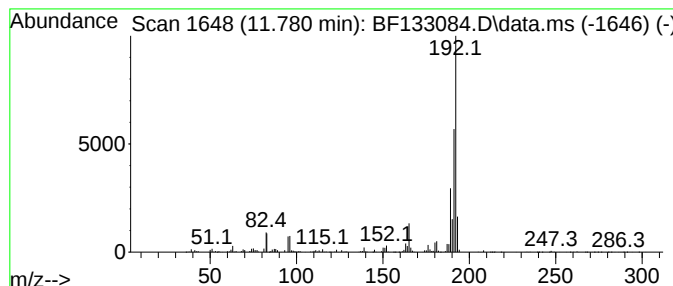
Instrument :
BNA_F
ClientSampleId :
SPE-2WC-23-04-18

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.780	26.17 ng	1735610	Phenanthrene-d10			11.251
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-		192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	96
4	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133084.D
Acq On : 27 Apr 2023 01:06
Operator : CG\JU
Sample : 02423-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

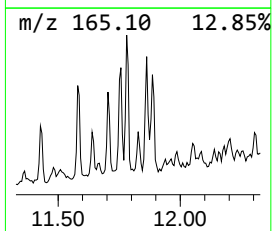
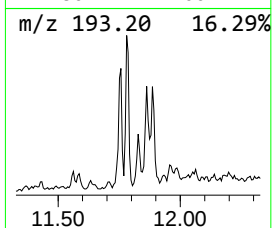
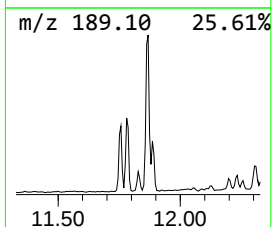
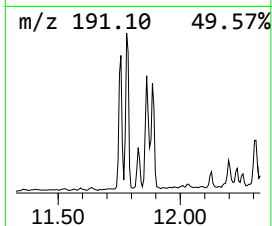
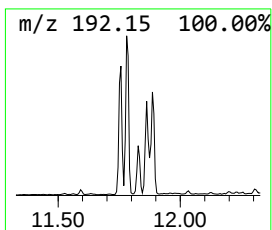
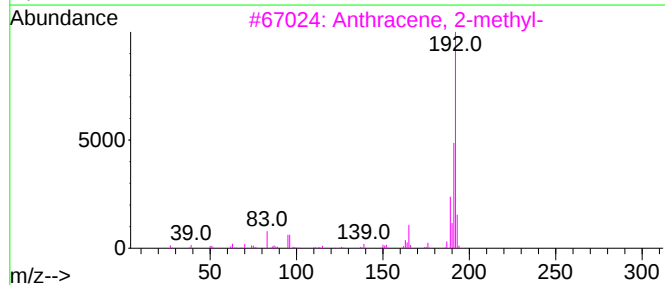
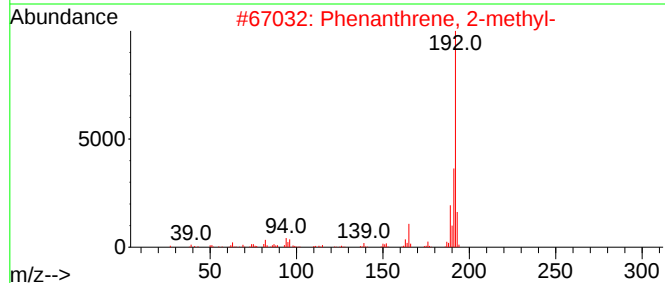
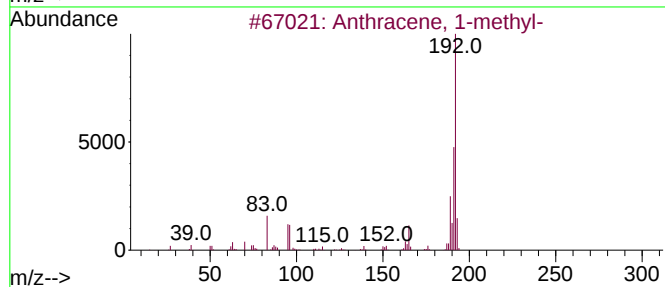
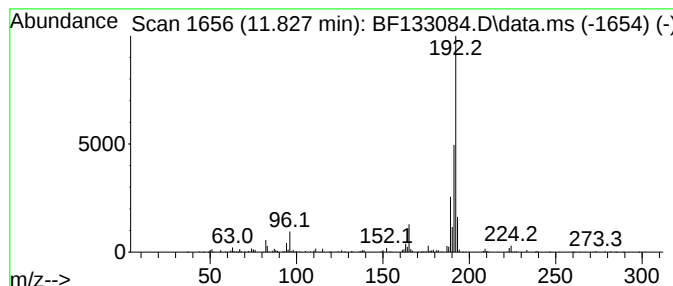
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ClientSampleId :
SPE-2WC-23-04-18

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.827	4.10 ng	271864	Phenanthrene-d10			11.251
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-		192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	92
3	Anthracene, 2-methyl-		192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-		192	C15H12	000779-02-2	91
5	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133084.D
Acq On : 27 Apr 2023 01:06
Operator : CG\JU
Sample : 02423-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

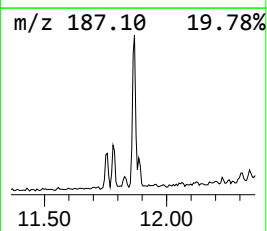
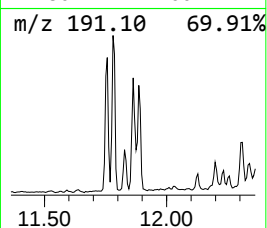
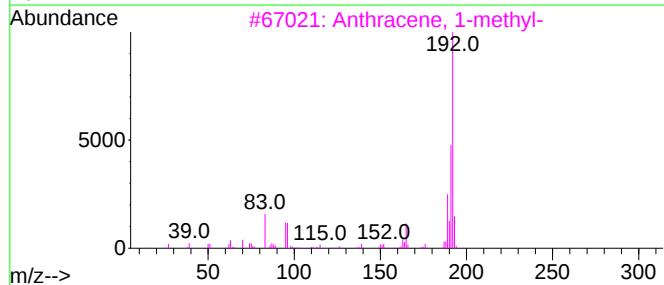
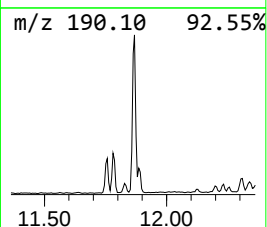
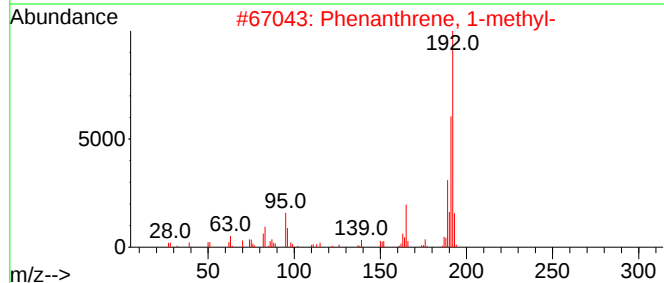
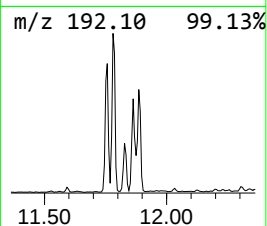
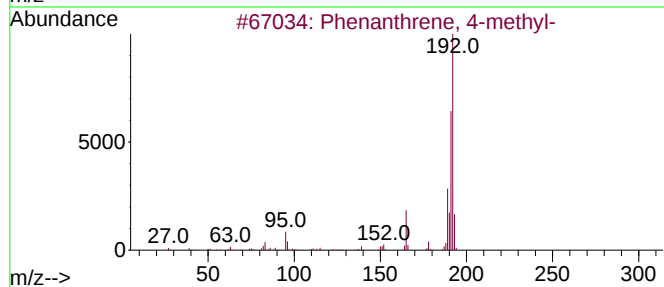
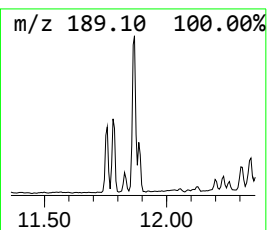
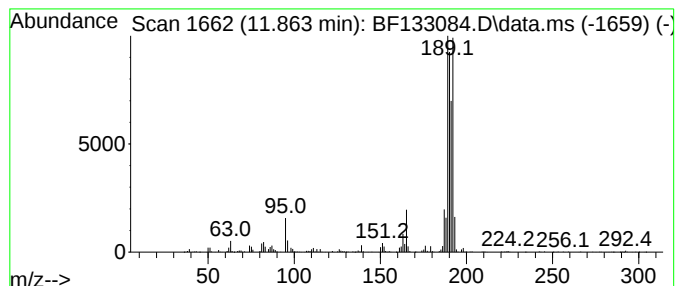
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ClientSampleId :
SPE-2WC-23-04-18

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Phenanthrene, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.863	19.83 ng	1315150	Phenanthrene-d10	11.251	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133084.D
Acq On : 27 Apr 2023 01:06
Operator : CG\JU
Sample : 02423-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

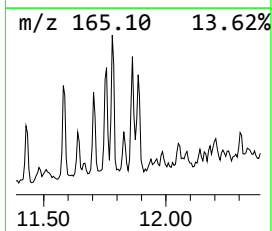
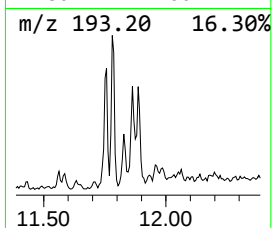
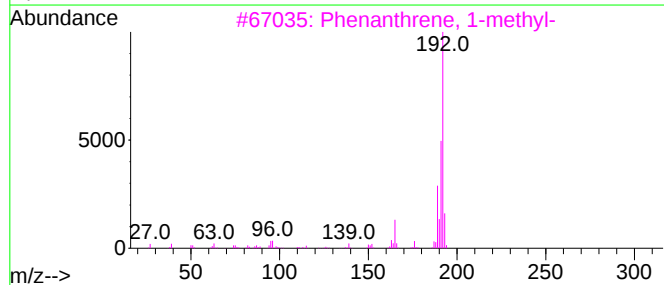
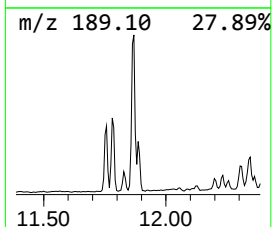
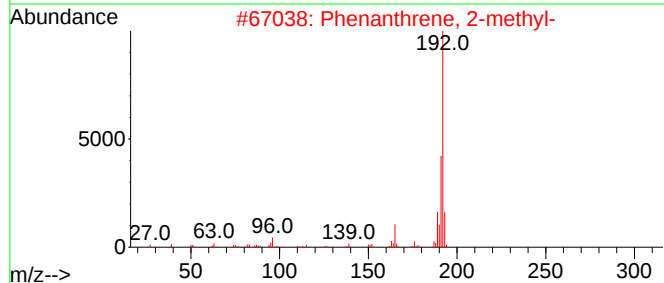
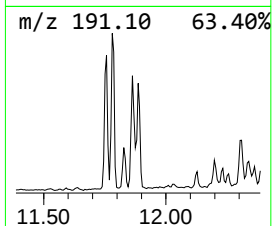
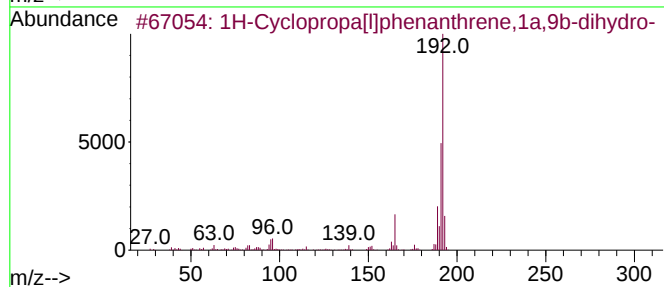
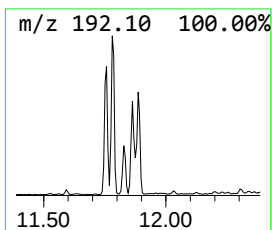
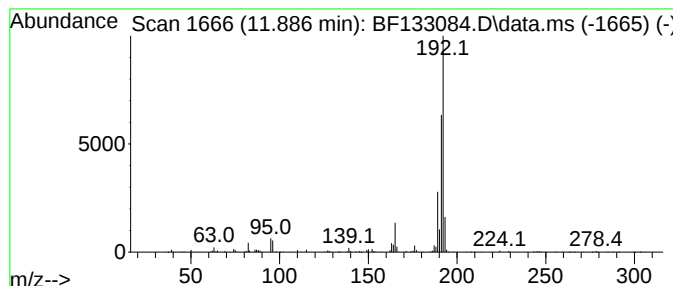
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.886	6.44 ng	426954	Phenanthrene-d10		11.251	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	95
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-		192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133084.D
Acq On : 27 Apr 2023 01:06
Operator : CG\JU
Sample : 02423-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SPE-2WC-23-04-18

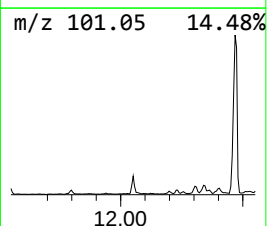
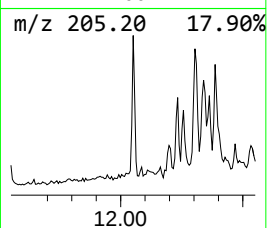
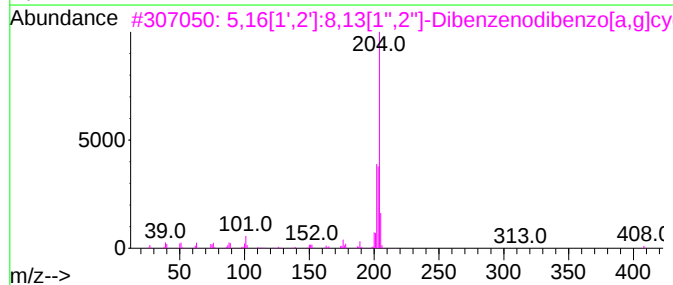
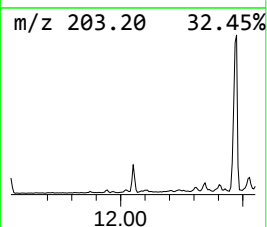
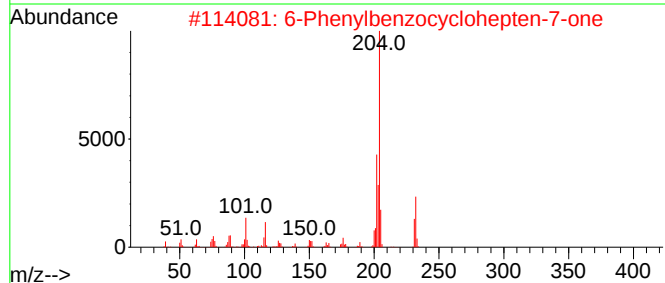
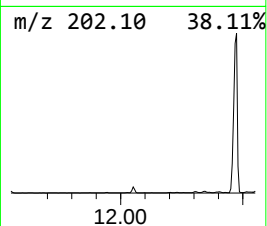
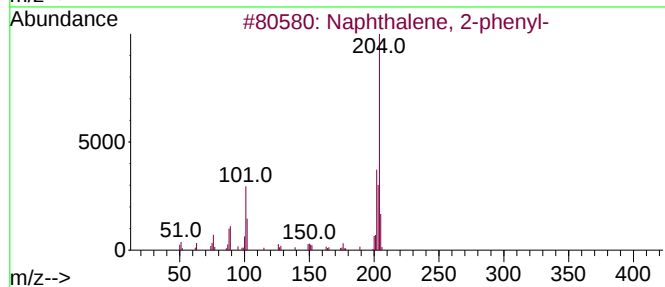
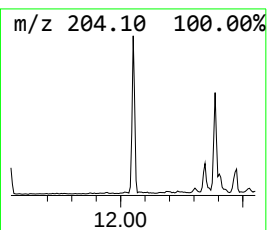
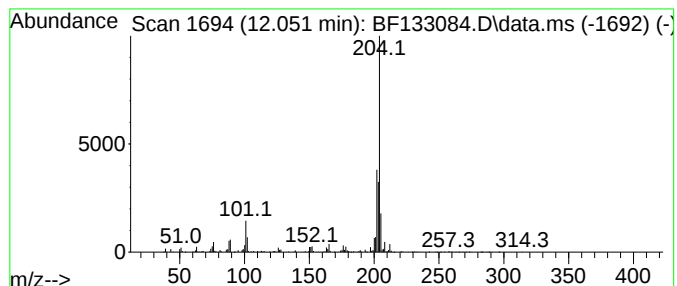
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	8.35 ng	554019	Phenanthrene-d10	11.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133084.D
Acq On : 27 Apr 2023 01:06
Operator : CG\JU
Sample : 02423-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPE-2WC-23-04-18

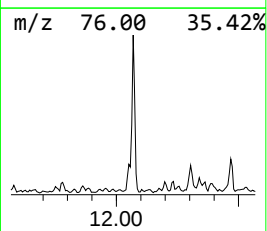
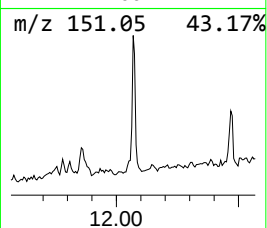
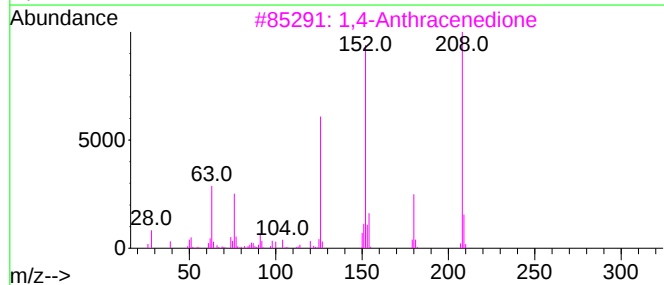
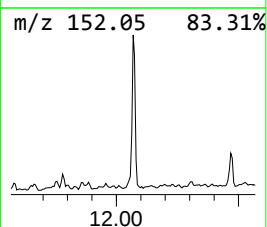
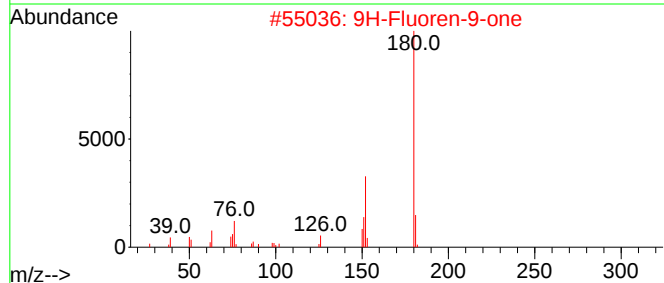
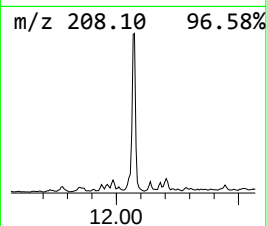
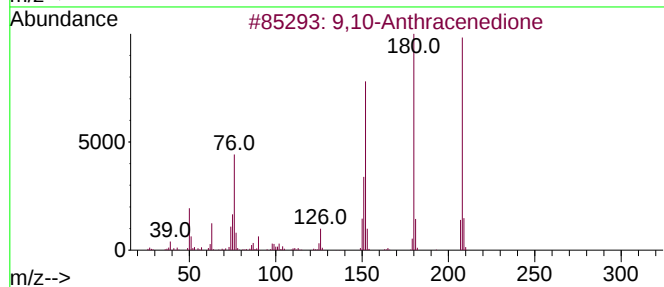
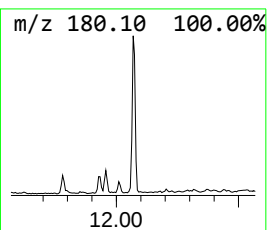
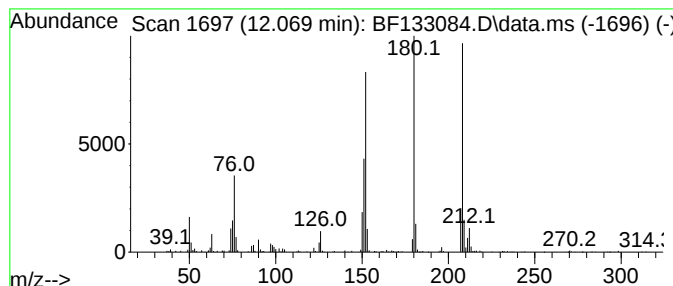
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	10.45 ng	692895	Phenanthrene-d10	11.251

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
3		1,4-Anthracenedione	208	C14H8O2	000635-12-1	58
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133084.D
Acq On : 27 Apr 2023 01:06
Operator : CG\JU
Sample : 02423-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPE-2WC-23-04-18

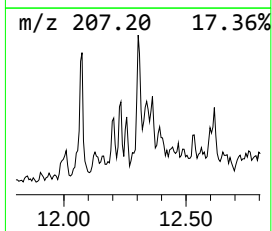
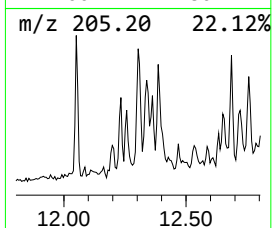
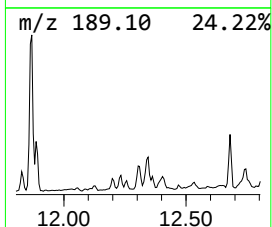
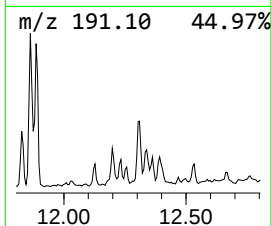
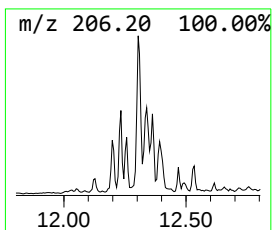
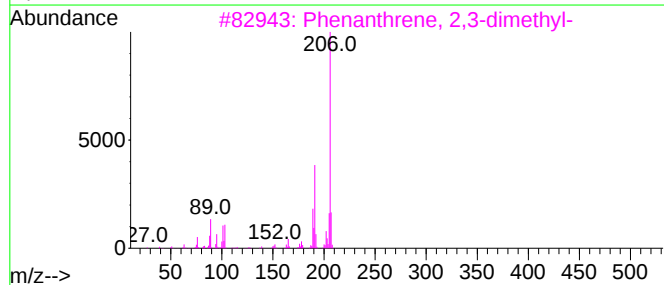
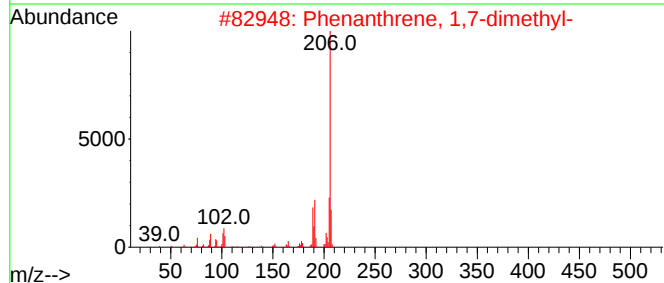
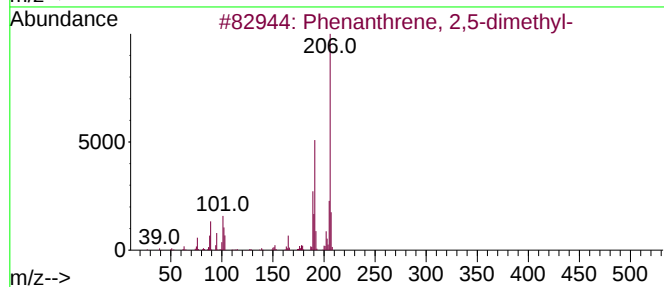
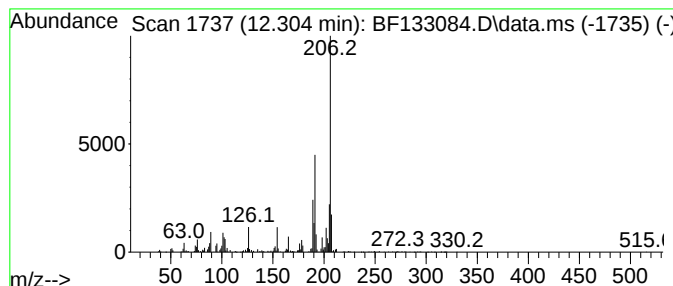
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	6.47 ng	428948	Phenanthrene-d10	11.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4			9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133084.D
Acq On : 27 Apr 2023 01:06
Operator : CG\JU
Sample : 02423-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPE-2WC-23-04-18

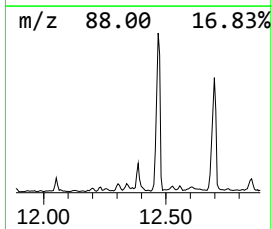
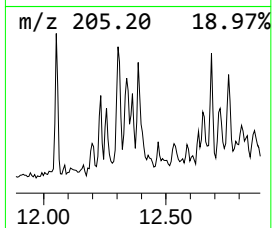
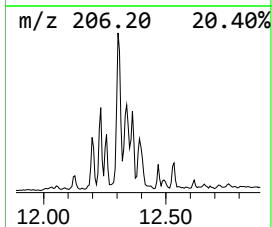
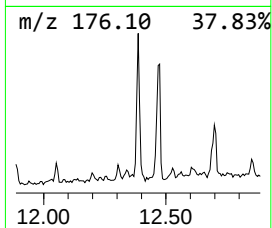
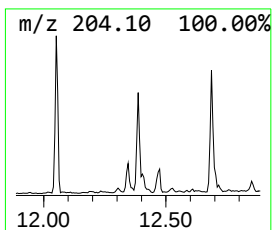
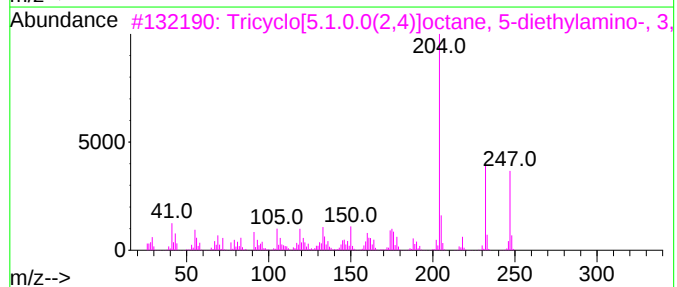
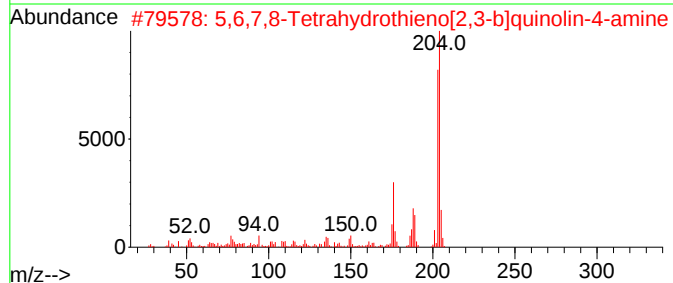
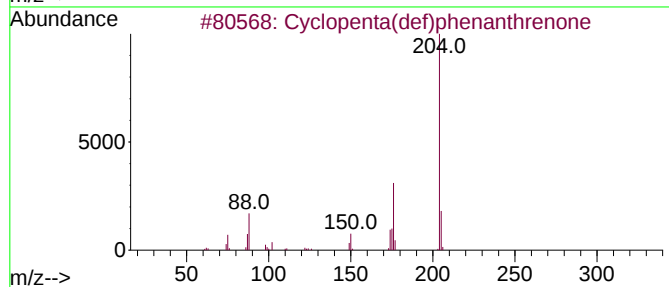
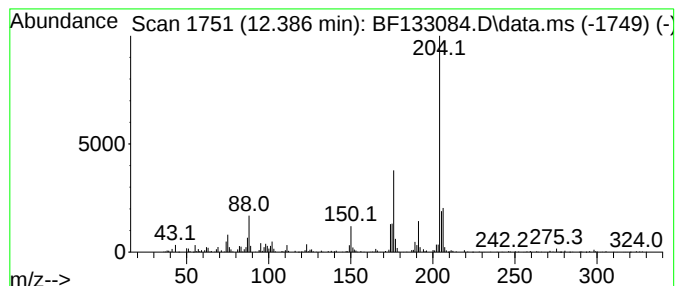
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	8.36 ng	554527	Phenanthrene-d10	11.251

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3		Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133084.D
 Acq On : 27 Apr 2023 01:06
 Operator : CG\JU
 Sample : 02423-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPE-2WC-23-04-18

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	9.357	3.6	ng	300060	3	9.769	1662890	20.0
Naphthalene, 2,...	9.428	5.4	ng	451751	3	9.769	1662890	20.0
Naphthalene, 2,...	10.086	3.0	ng	253736	3	9.769	1662890	20.0
Benzophenone	10.480	8.2	ng	677250	3	9.769	1662890	20.0
Chamazulene	10.680	3.5	ng	233328	4	11.251	1326570	20.0
9H-Fluorene, 2-...	10.863	4.1	ng	272637	4	11.251	1326570	20.0
2,2-Dimethyl-1-...	10.992	3.3	ng	221342	4	11.251	1326570	20.0
9H-Fluoren-9-one	11.057	6.4	ng	427424	4	11.251	1326570	20.0
unknown11.110	11.110	3.9	ng	256171	4	11.251	1326570	20.0
Dibenzothiophene	11.145	5.6	ng	370410	4	11.251	1326570	20.0
Dibenzothiophen...	11.580	3.2	ng	209271	4	11.251	1326570	20.0
Anthracene, 2-m...	11.757	13.1	ng	870144	4	11.251	1326570	20.0
Phenanthrene, 2...	11.780	26.2	ng	1735610	4	11.251	1326570	20.0
Anthracene, 1-m...	11.827	4.1	ng	271864	4	11.251	1326570	20.0
Phenanthrene, 4...	11.863	19.8	ng	1315150	4	11.251	1326570	20.0
1H-Cyclopropa[1...	11.886	6.4	ng	426954	4	11.251	1326570	20.0
Naphthalene, 2-...	12.051	8.3	ng	554019	4	11.251	1326570	20.0
9,10-Anthracene...	12.069	10.4	ng	692895	4	11.251	1326570	20.0
Phenanthrene, 2...	12.304	6.5	ng	428948	4	11.251	1326570	20.0
Cyclopenta(def)...	12.386	8.4	ng	554527	4	11.251	1326570	20.0