

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030139.D
 Acq On : 28 Feb 2024 20:49
 Operator : MA/JU
 Sample : P1498-17
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB7

Quant Time: Feb 28 23:07:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 23:49:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

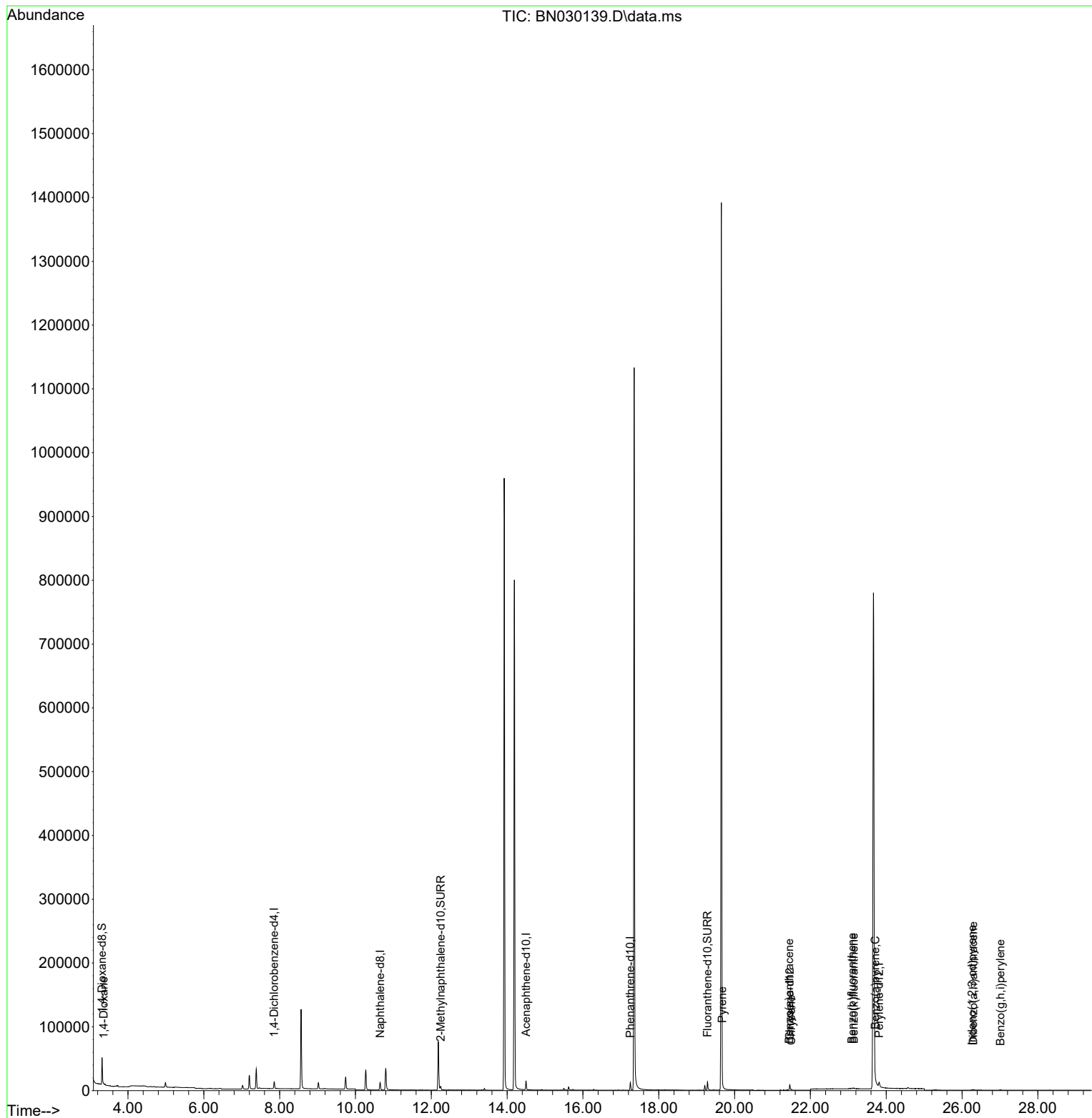
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	5455	0.400	ng/ul	0.00
4) Naphthalene-d8	10.650	136	15614	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	7510	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.251	188	13520	0.400	ng/ul	-0.01
17) Chrysene-d12	21.455	240	9334	0.400	ng/ul	-0.01
23) Perylene-d12	23.814	264	12398	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	23357	3.434	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	6928	0.349	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	13816	0.450	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.357	88	332	0.045	ng/ul#	1
20) Pyrene	19.676	202	1383	0.031	ng/ul#	46
21) Benzo(a)anthracene	21.443	228	811	0.024	ng/ul#	80
22) Chrysene	21.493	228	863	0.023	ng/ul#	80
24) Benzo(b)fluoranthene	23.098	252	1696	0.036	ng/ul#	27
25) Benzo(k)fluoranthene	23.144	252	1696	0.033	ng/ul#	19
26) Benzo(a)pyrene	23.709	252	1064	0.024	ng/ul#	20
27) Indeno(1,2,3-cd)pyrene	26.265	276	2076	0.039	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.295	278	1315	0.031	ng/ul#	13
29) Benzo(g,h,i)perylene	27.013	276	1507	0.031	ng/ul#	72

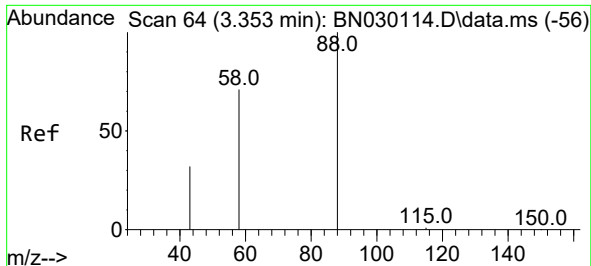
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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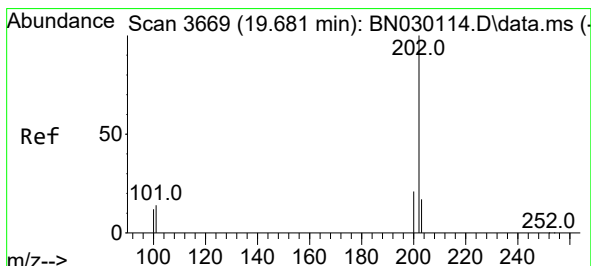
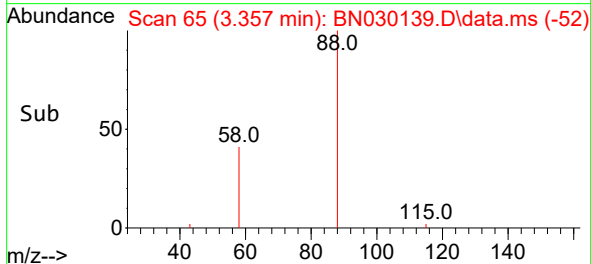
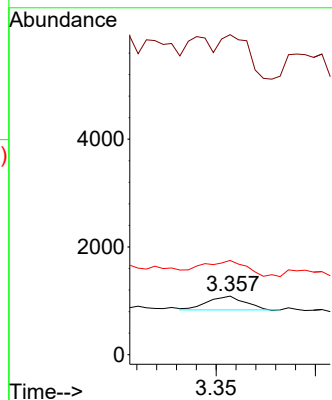
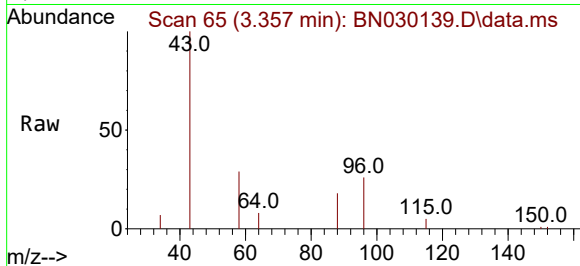




#2
1,4-Dioxane
Concen: 0.045 ng/ul
RT: 3.357 min Scan# 64
Delta R.T. 0.004 min
Lab File: BN030139.D
Acq: 28 Feb 2024 20:49

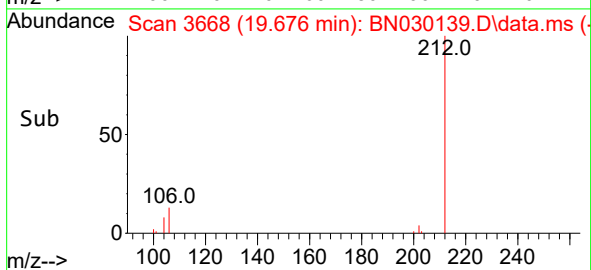
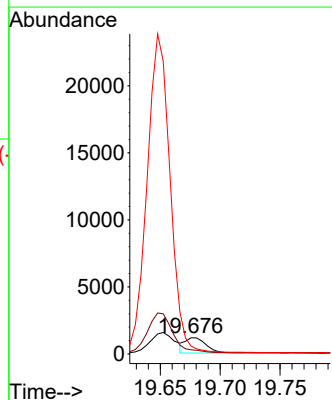
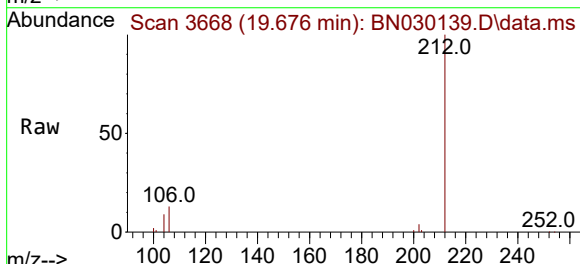
Instrument :
BNA_N
ClientSampleId :
C0AB7

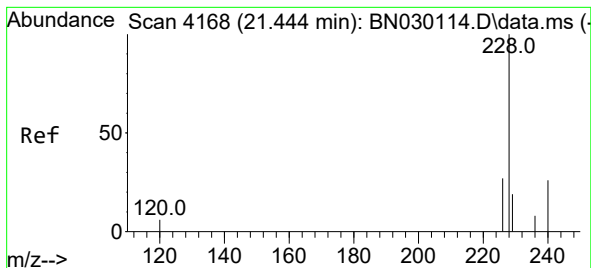
Tgt Ion: 88 Resp: 332
Ion Ratio Lower Upper
88 100
43 547.1 21.8 32.6#
58 161.0 39.3 58.9#



#20
Pyrene
Concen: 0.031 ng/ul
RT: 19.676 min Scan# 3668
Delta R.T. -0.009 min
Lab File: BN030139.D
Acq: 28 Feb 2024 20:49

Tgt Ion: 202 Resp: 1383
Ion Ratio Lower Upper
202 100
101 26.0 12.5 18.7#
100 48.4 10.0 15.0#





#21

Benzo(a)anthracene

Concen: 0.024 ng/ul

RT: 21.443 min Scan# 4168

Delta R.T. -0.007 min

Lab File: BN030139.D

Acq: 28 Feb 2024 20:49

Instrument :

BNA_N

ClientSampleId :

C0AB7

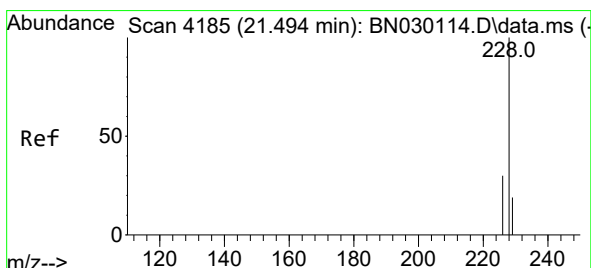
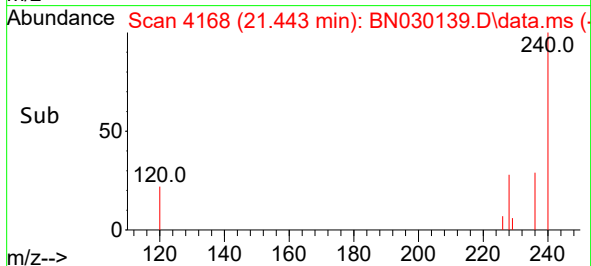
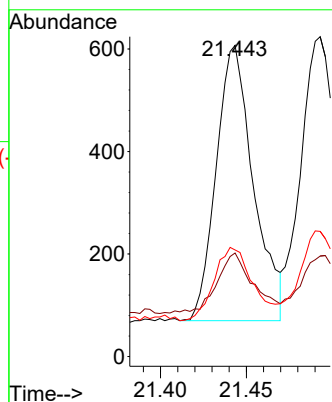
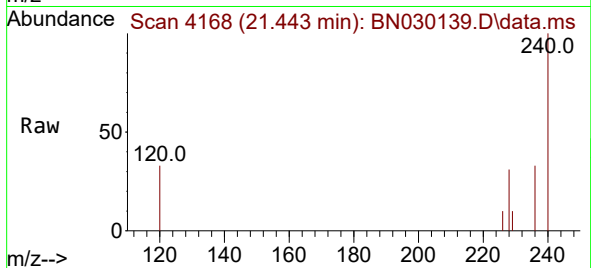
Tgt Ion:228 Resp: 811

Ion Ratio Lower Upper

228 100

229 33.3 15.7 23.5#

226 34.3 22.2 33.4#



#22

Chrysene

Concen: 0.023 ng/ul

RT: 21.493 min Scan# 4185

Delta R.T. -0.007 min

Lab File: BN030139.D

Acq: 28 Feb 2024 20:49

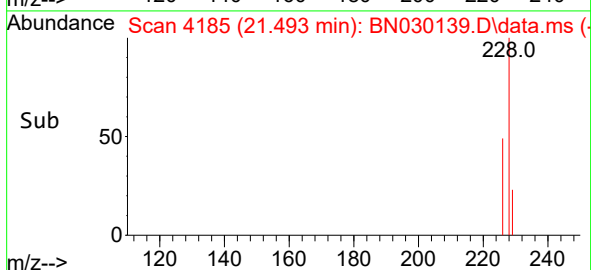
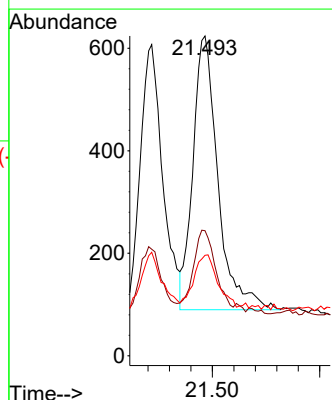
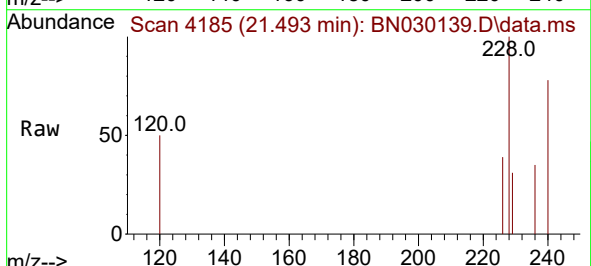
Tgt Ion:228 Resp: 863

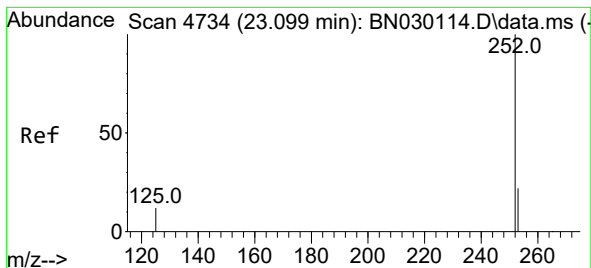
Ion Ratio Lower Upper

228 100

226 39.1 24.2 36.2#

229 31.4 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.036 ng/ul

RT: 23.098 min Scan# 41

Delta R.T. -0.010 min

Lab File: BN030139.D

Acq: 28 Feb 2024 20:49

Instrument :

BNA_N

ClientSampleId :

C0AB7

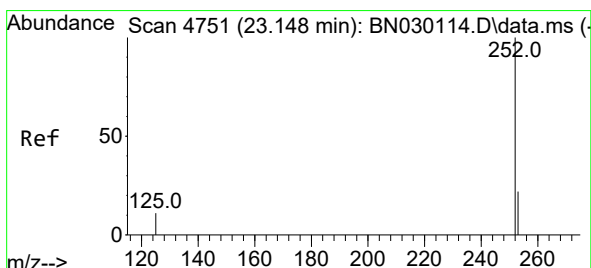
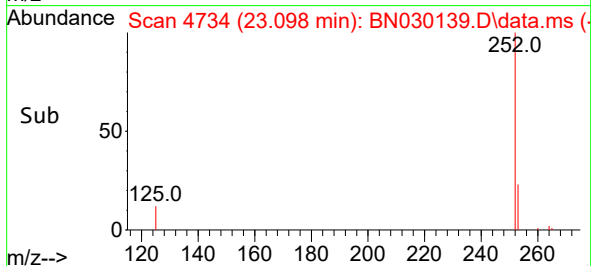
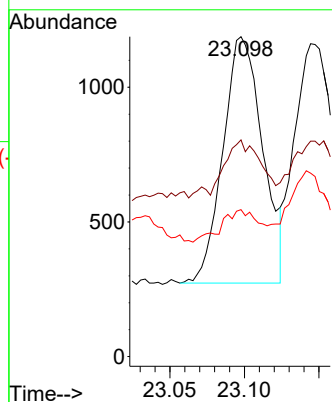
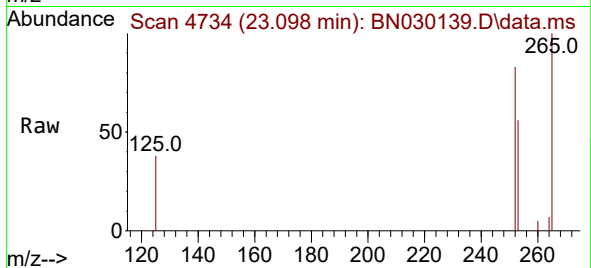
Tgt Ion:252 Resp: 1696

Ion Ratio Lower Upper

252 100

253 67.8 0.0 56.8#

125 46.0 0.0 32.4#



#25

Benzo(k)fluoranthene

Concen: 0.033 ng/ul

RT: 23.144 min Scan# 4750

Delta R.T. -0.010 min

Lab File: BN030139.D

Acq: 28 Feb 2024 20:49

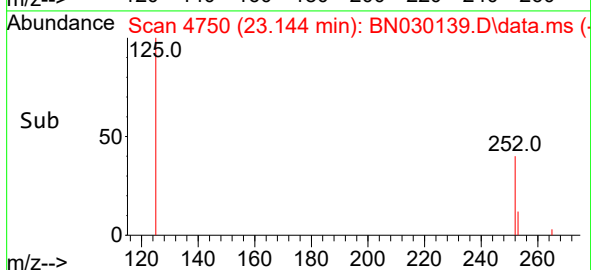
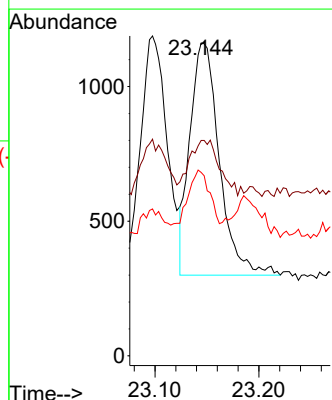
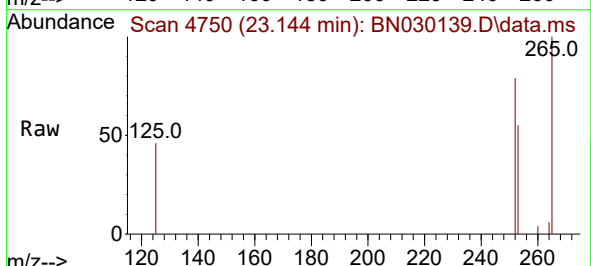
Tgt Ion:252 Resp: 1696

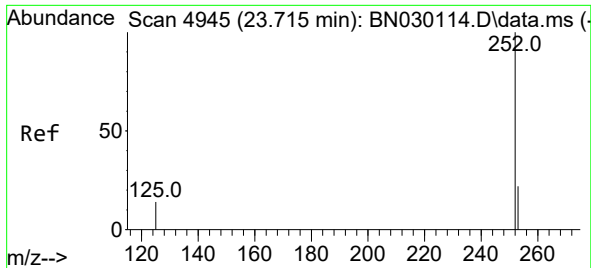
Ion Ratio Lower Upper

252 100

253 68.8 22.6 33.8#

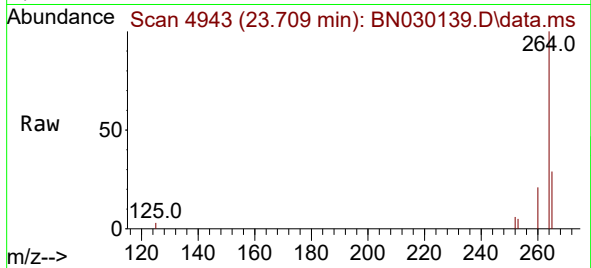
125 58.6 15.3 22.9#



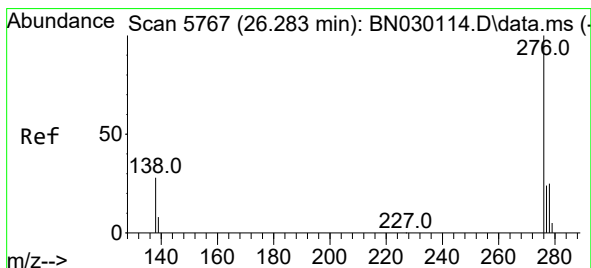
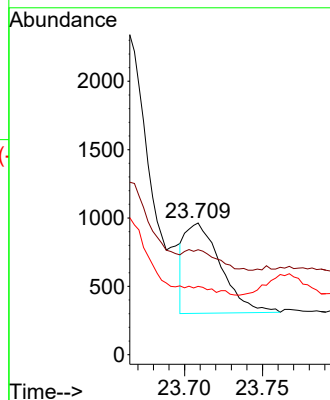
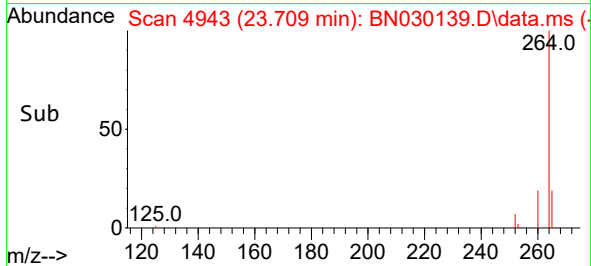


#26
Benzo(a)pyrene
Concen: 0.024 ng/ul
RT: 23.709 min Scan# 4945
Delta R.T. -0.016 min
Lab File: BN030139.D
Acq: 28 Feb 2024 20:49

Instrument :
BNA_N
ClientSampleId :
C0AB7

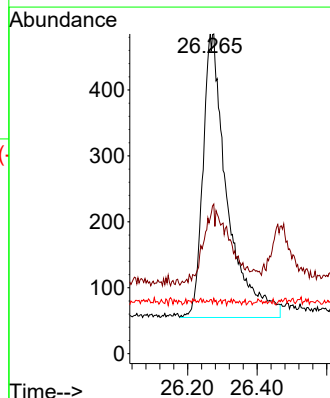
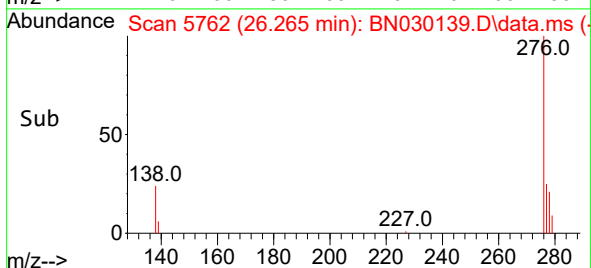
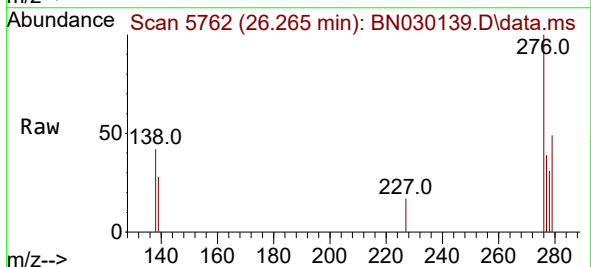


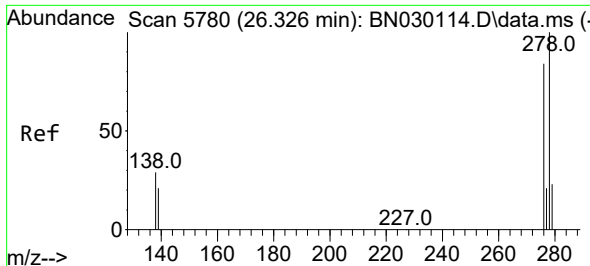
Tgt Ion:252 Resp: 1064
Ion Ratio Lower Upper
252 100
253 79.7 25.4 38.0#
125 51.9 16.0 24.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.039 ng/ul
RT: 26.265 min Scan# 5762
Delta R.T. -0.028 min
Lab File: BN030139.D
Acq: 28 Feb 2024 20:49

Tgt Ion:276 Resp: 2076
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.1 0.0 0.0#

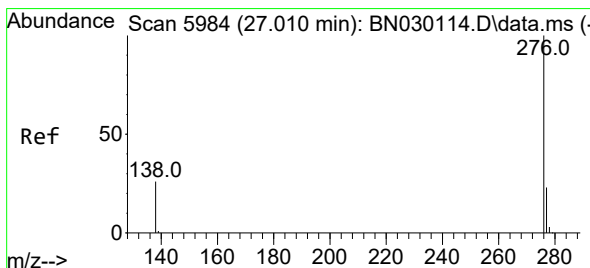
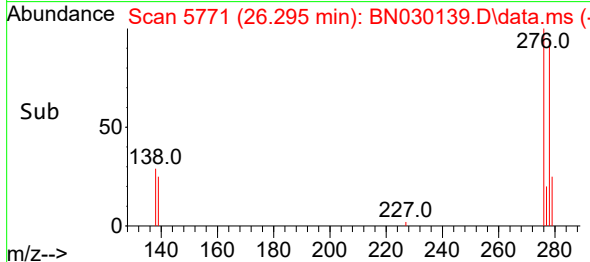
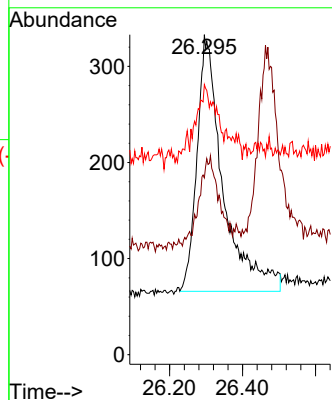
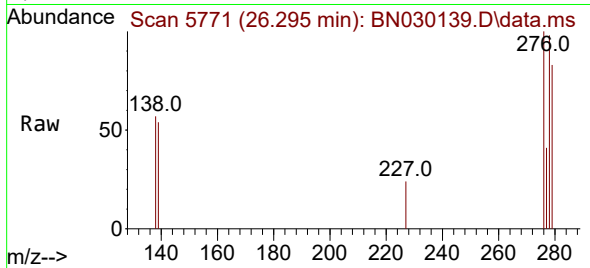




#28
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 26.295 min Scan# 51
Delta R.T. -0.035 min
Lab File: BN030139.D
Acq: 28 Feb 2024 20:49

Instrument :
BNA_N
ClientSampleId :
C0AB7

Tgt Ion:278 Resp: 1315
Ion Ratio Lower Upper
278 100
139 55.3 19.0 28.4#
279 84.4 22.6 34.0#



#29
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 27.013 min Scan# 5985
Delta R.T. -0.005 min
Lab File: BN030139.D
Acq: 28 Feb 2024 20:49

Tgt Ion:276 Resp: 1507
Ion Ratio Lower Upper
276 100
138 46.8 24.6 37.0#
277 38.0 19.7 29.5#

