

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100323\
 Data File : BN028017.D
 Acq On : 03 Oct 2023 19:43
 Operator : MA/JU
 Sample : 04480-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJY3

Quant Time: Oct 04 04:08:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

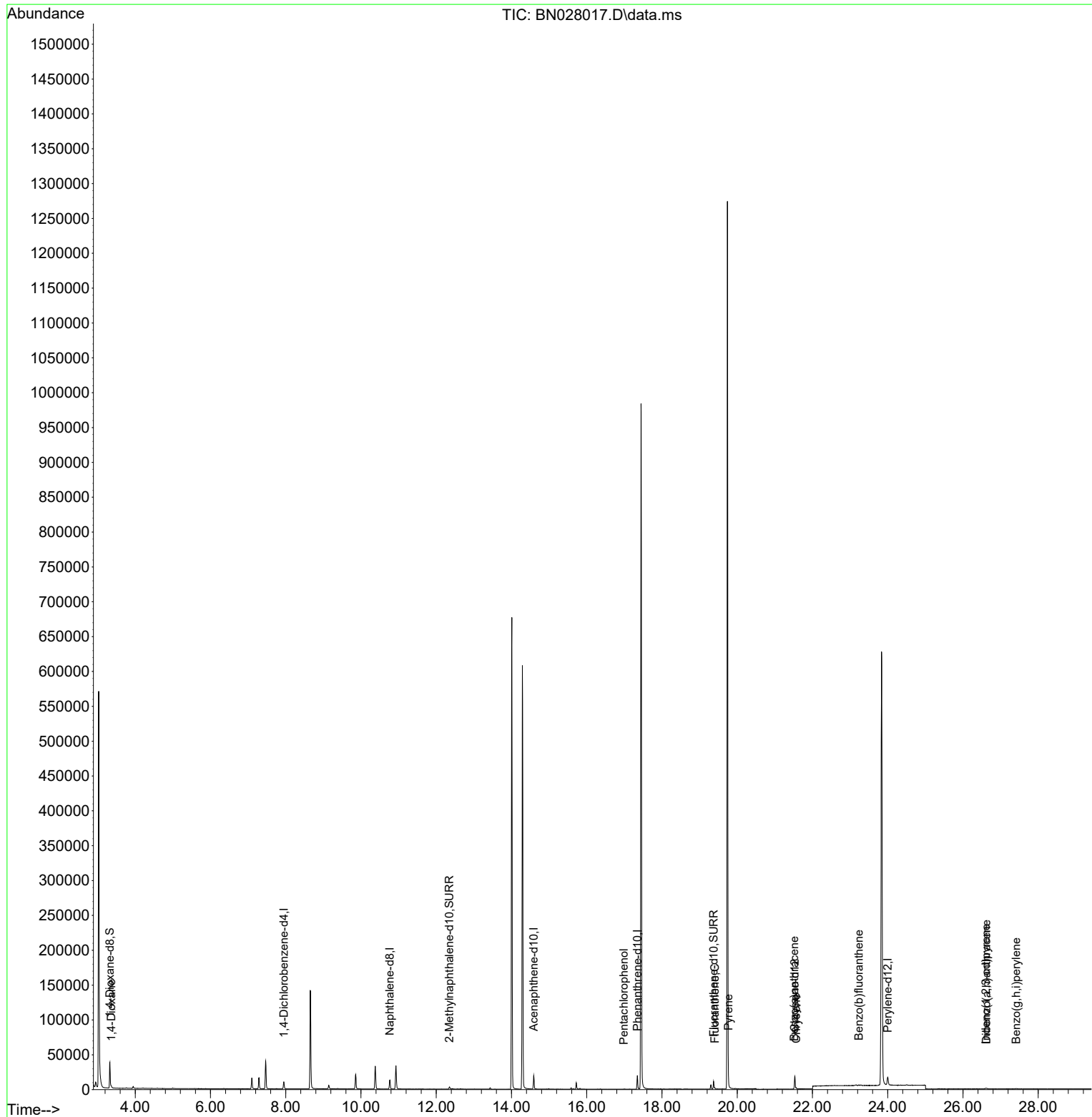
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	5170	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	17446	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.592	164	10562	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	22586	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	17925	0.400	ng/ul	0.00
23) Perylene-d12	24.000	264	16491	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	24437	3.763	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	4614	0.164	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	12067	0.212	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	1581	0.230	ng/ul#	87
14) Pentachlorophenol	16.983	266	172	0.036	ng/ul	97
19) Fluoranthene	19.404	202	1388	0.020	ng/ul#	87
20) Pyrene	19.766	202	1587	0.022	ng/ul#	68
21) Benzo(a)anthracene	21.516	228	1352	0.021	ng/ul#	87
22) Chrysene	21.568	228	1398	0.021	ng/ul#	86
24) Benzo(b)fluoranthene	23.231	252	1342	0.022	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.609	276	1306	0.021	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.619	278	1252	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	27.417	276	1130	0.022	ng/ul#	43

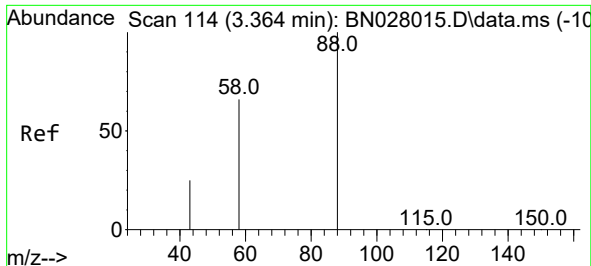
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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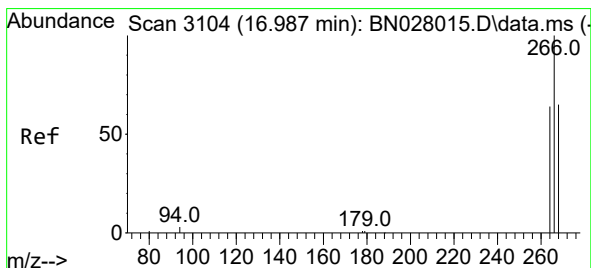
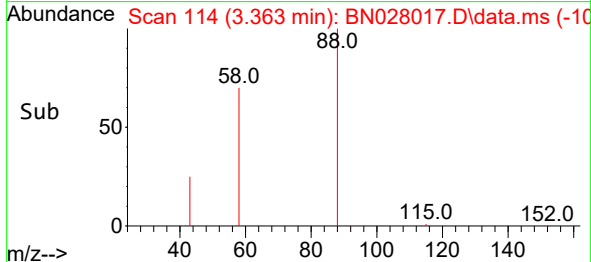
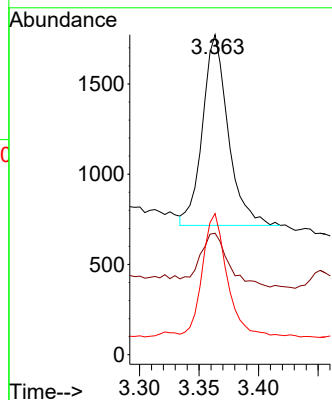
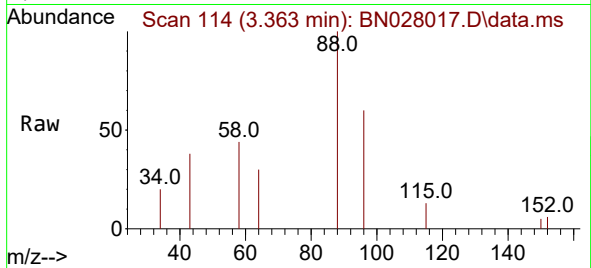




#2
1,4-Dioxane
Concen: 0.230 ng/ul
RT: 3.363 min Scan# 114
Delta R.T. -0.000 min
Lab File: BN028017.D
Acq: 03 Oct 2023 19:43

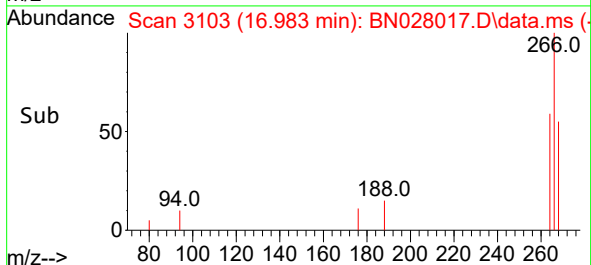
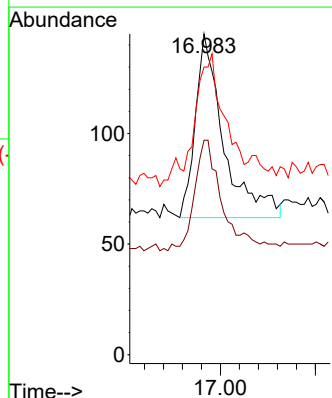
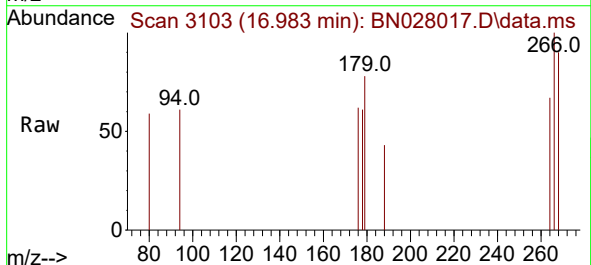
Instrument :
BNA_N
ClientSampleId :
BBJY3

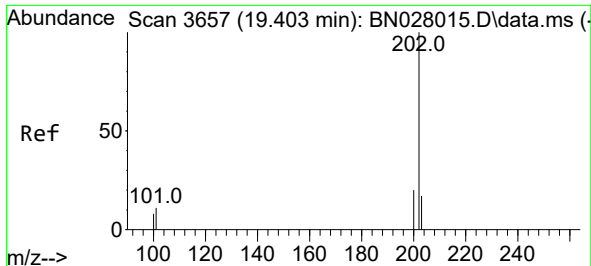
Tgt Ion: 88 Resp: 1581
Ion Ratio Lower Upper
88 100
43 38.0 33.4 50.2
58 44.1 45.7 68.5#



#14
Pentachlorophenol
Concen: 0.036 ng/ul
RT: 16.983 min Scan# 3103
Delta R.T. -0.004 min
Lab File: BN028017.D
Acq: 03 Oct 2023 19:43

Tgt Ion: 266 Resp: 172
Ion Ratio Lower Upper
266 100
264 59.9 49.6 74.4
268 62.8 52.2 78.4

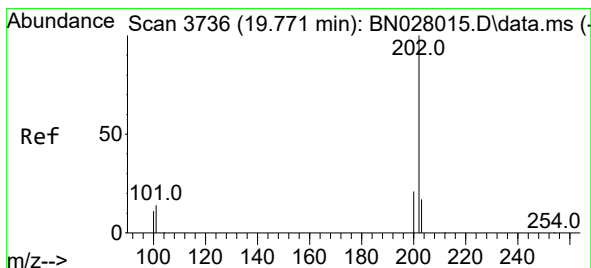
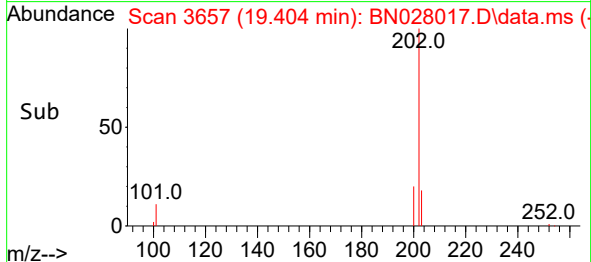
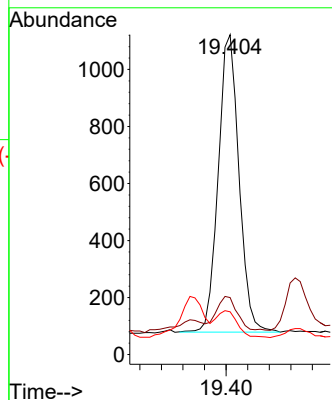
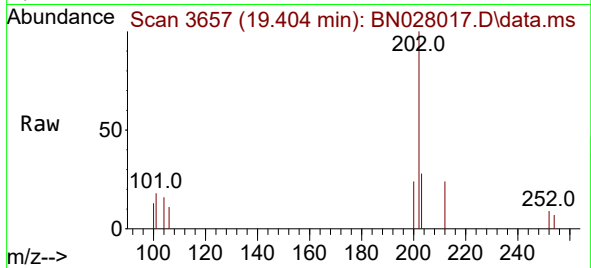




#19
Fluoranthene
Concen: 0.020 ng/ul
RT: 19.404 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN028017.D
Acq: 03 Oct 2023 19:43

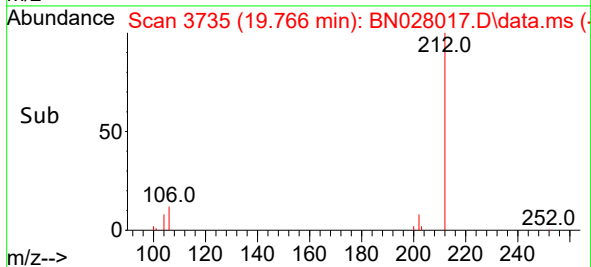
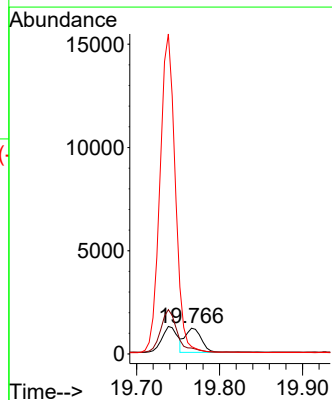
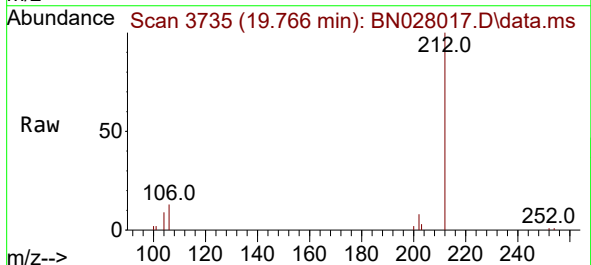
Instrument :
BNA_N
ClientSampleId :
BBJY3

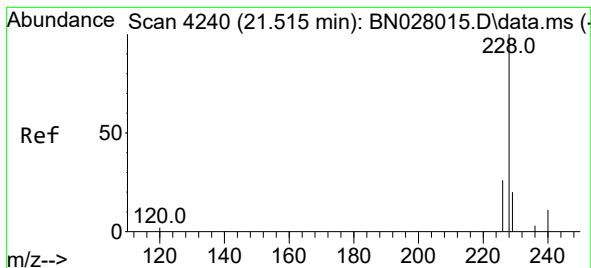
Tgt Ion:202 Resp: 1388
Ion Ratio Lower Upper
202 100
101 17.8 9.6 14.4#
100 13.4 7.4 11.0#



#20
Pyrene
Concen: 0.022 ng/ul
RT: 19.766 min Scan# 3735
Delta R.T. -0.005 min
Lab File: BN028017.D
Acq: 03 Oct 2023 19:43

Tgt Ion:202 Resp: 1587
Ion Ratio Lower Upper
202 100
101 23.2 11.2 16.8#
100 28.4 9.1 13.7#





#21

Benzo(a)anthracene

Concen: 0.021 ng/ul

RT: 21.516 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN028017.D

Acq: 03 Oct 2023 19:43

Instrument :

BNA_N

ClientSampleId :

BBJY3

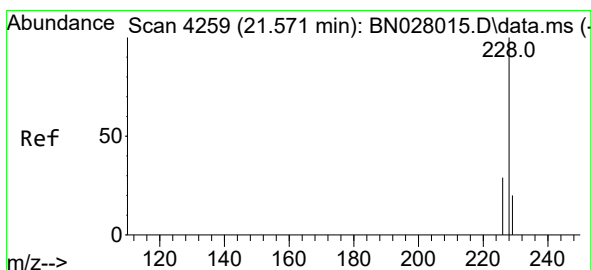
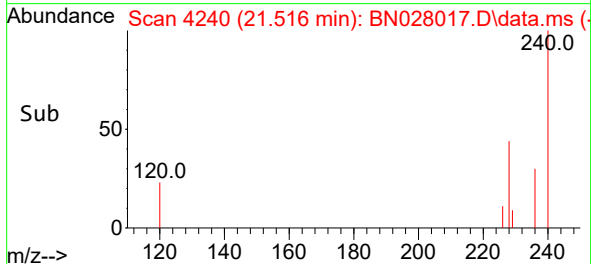
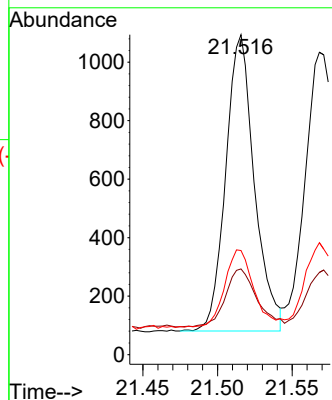
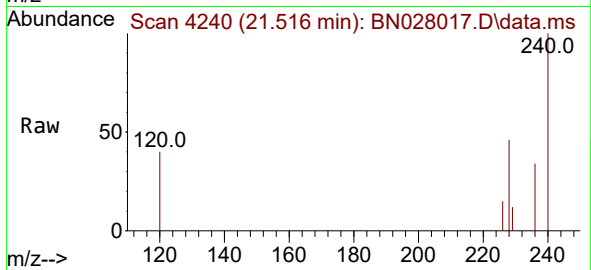
Tgt Ion:228 Resp: 1352

Ion Ratio Lower Upper

228 100

229 26.8 16.0 24.0#

226 32.5 21.5 32.3#



#22

Chrysene

Concen: 0.021 ng/ul

RT: 21.568 min Scan# 4258

Delta R.T. -0.006 min

Lab File: BN028017.D

Acq: 03 Oct 2023 19:43

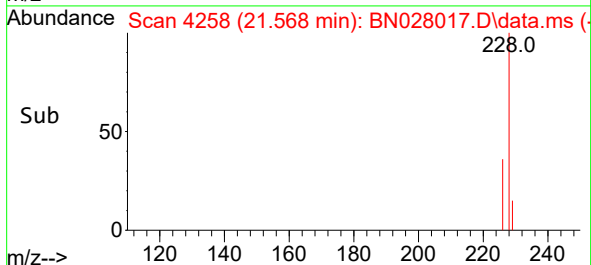
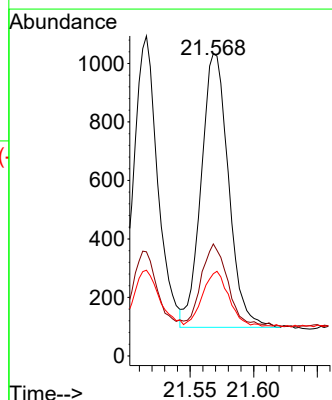
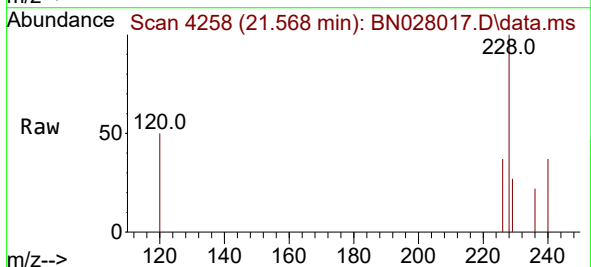
Tgt Ion:228 Resp: 1398

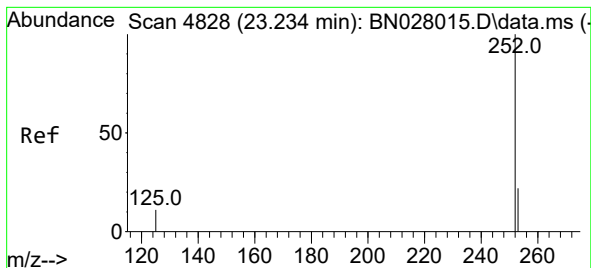
Ion Ratio Lower Upper

228 100

226 37.0 23.8 35.8#

229 27.2 16.0 24.0#





#24

Benzo(b)fluoranthene

Concen: 0.022 ng/ul

RT: 23.231 min Scan# 4828

Delta R.T. -0.009 min

Lab File: BN028017.D

Acq: 03 Oct 2023 19:43

Instrument :

BNA_N

ClientSampleId :

BBJY3

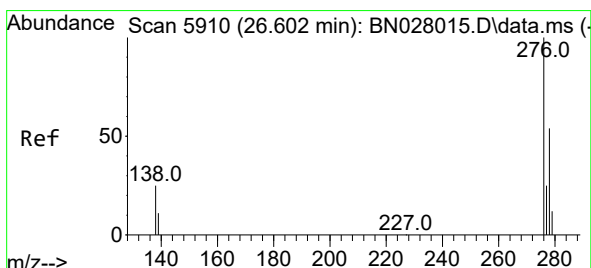
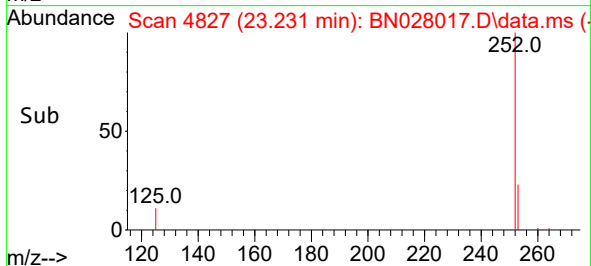
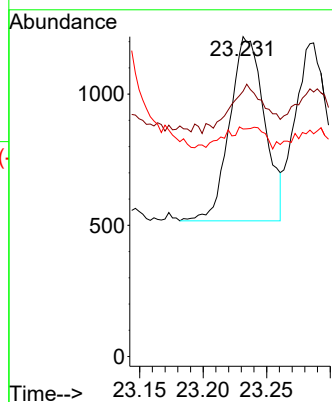
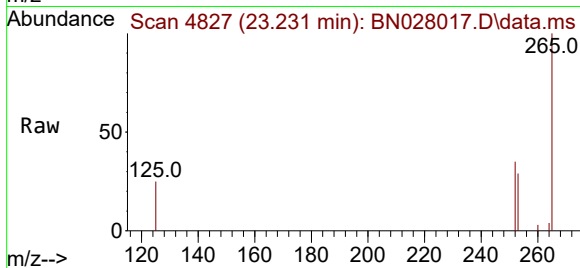
Tgt Ion:252 Resp: 1342

Ion Ratio Lower Upper

252 100

253 82.9 0.0 54.0#

125 71.1 0.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.021 ng/ul

RT: 26.609 min Scan# 5912

Delta R.T. 0.007 min

Lab File: BN028017.D

Acq: 03 Oct 2023 19:43

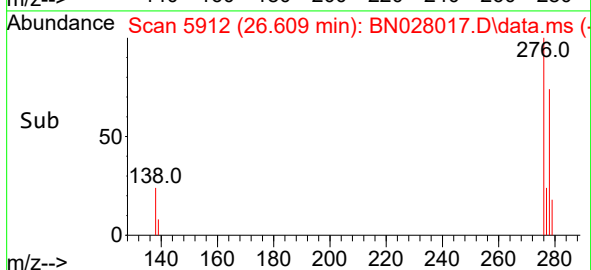
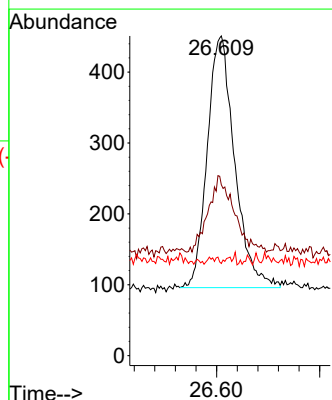
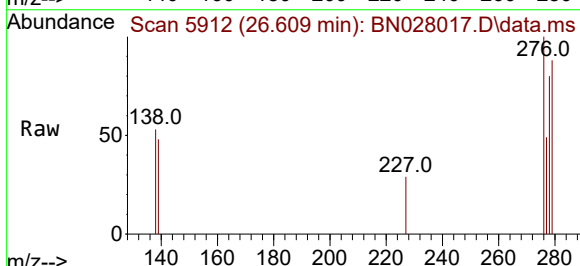
Tgt Ion:276 Resp: 1306

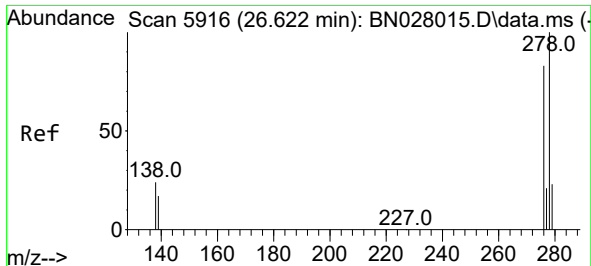
Ion Ratio Lower Upper

276 100

138 28.9 21.6 32.4

227 0.0 0.2 0.2#

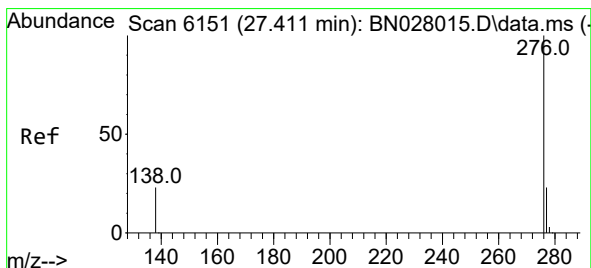
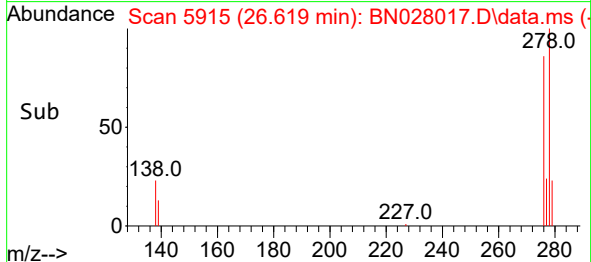
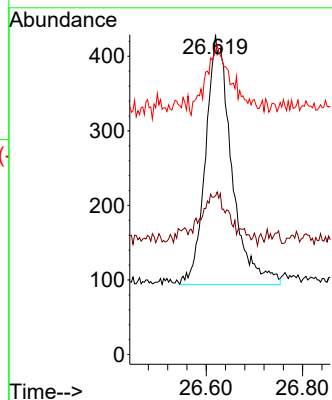
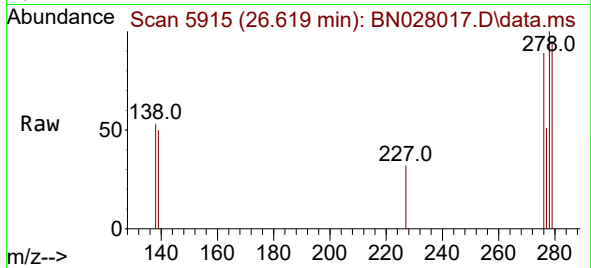




#28
 Dibenzo(a,h)anthracene
 Concen: 0.024 ng/ul
 RT: 26.619 min Scan# 5915
 Delta R.T. 0.000 min
 Lab File: BN028017.D
 Acq: 03 Oct 2023 19:43

Instrument :
 BNA_N
 ClientSampleId :
 BBJY3

Tgt Ion:278 Resp: 1252
 Ion Ratio Lower Upper
 278 100
 139 49.7 15.9 23.9#
 279 94.9 22.8 34.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.022 ng/ul
 RT: 27.417 min Scan# 6153
 Delta R.T. -0.003 min
 Lab File: BN028017.D
 Acq: 03 Oct 2023 19:43

Tgt Ion:276 Resp: 1130
 Ion Ratio Lower Upper
 276 100
 138 56.7 19.8 29.6#
 277 51.2 20.6 31.0#

