

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028818.D
 Acq On : 21 Nov 2023 19:42
 Operator : MA/JU
 Sample : 05281-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Quant Time: Nov 21 23:52:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

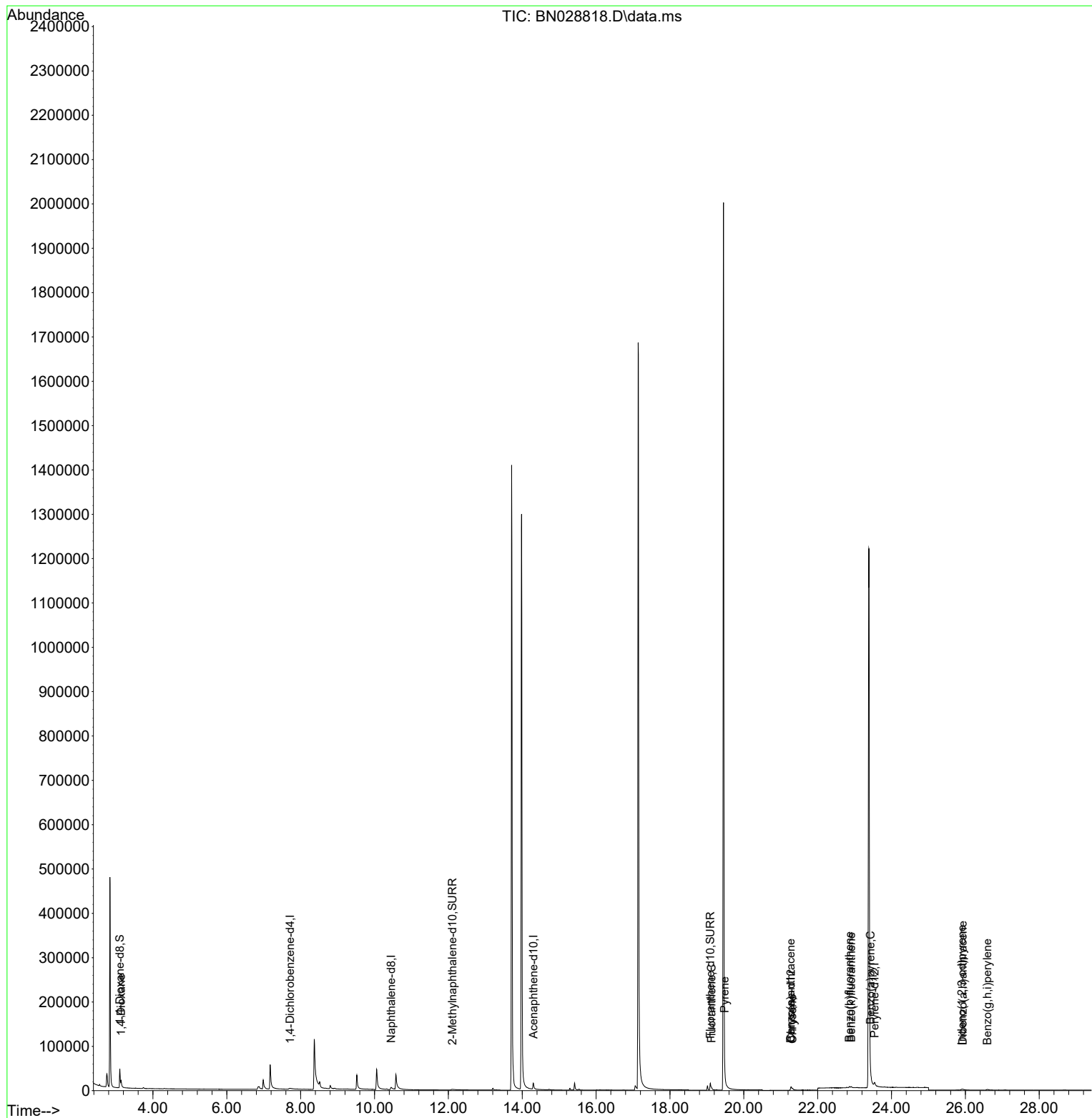
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	4525	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.451	136	14190	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.302	164	10454	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-17.06
17) Chrysene-d12	21.278	240	10758	0.400	ng/ul	# 0.00
23) Perylene-d12	23.540	264	14197	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.104	96	30589	6.116	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.107	152	4023	0.188	ng/ul	0.03
18) Fluoranthene-d10	19.094	212	22693	0.655	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.137	88	9920	1.795	ng/ul	92
19) Fluoranthene	19.127	202	5096	0.111	ng/ul#	91
20) Pyrene	19.480	202	6014	0.127	ng/ul#	66
21) Benzo(a)anthracene	21.269	228	3170	0.075	ng/ul#	90
22) Chrysene	21.316	228	4090	0.098	ng/ul#	92
24) Benzo(b)fluoranthene	22.859	252	3823	0.072	ng/ul#	19
25) Benzo(k)fluoranthene	22.909	252	4506	0.081	ng/ul#	27
26) Benzo(a)pyrene	23.432	252	4491	0.089	ng/ul#	28
27) Indeno(1,2,3-cd)pyrene	25.904	276	4926	0.088	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.927	278	3800	0.085	ng/ul#	33
29) Benzo(g,h,i)perylene	26.598	276	4412	0.096	ng/ul#	71

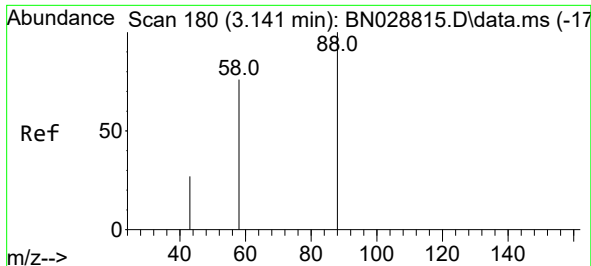
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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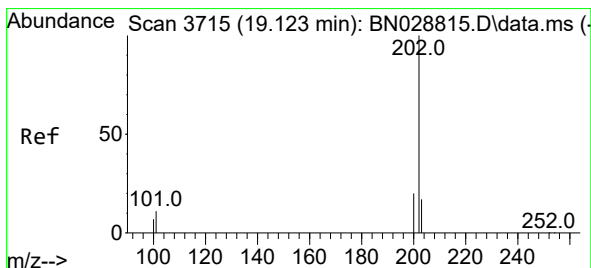
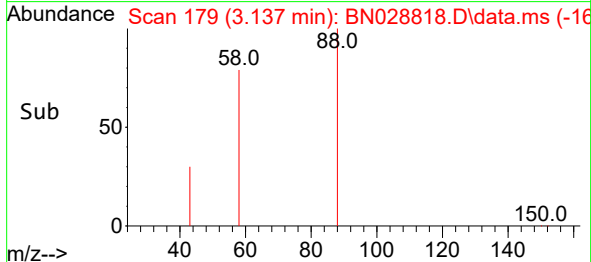
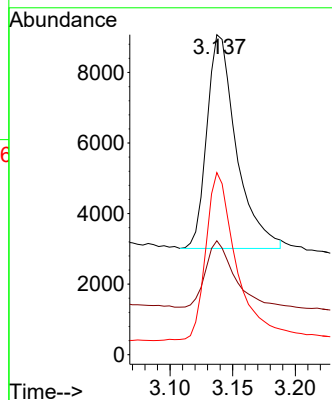
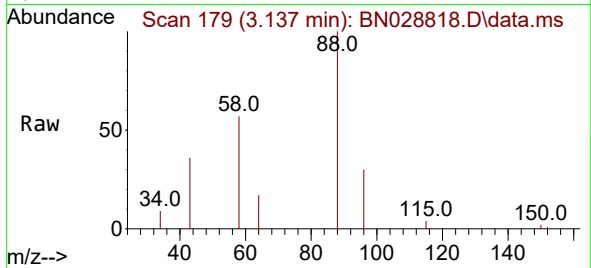




#2
1,4-Dioxane
Concen: 1.795 ng/ul
RT: 3.137 min Scan# 179
Delta R.T. -0.004 min
Lab File: BN028818.D
Acq: 21 Nov 2023 19:42

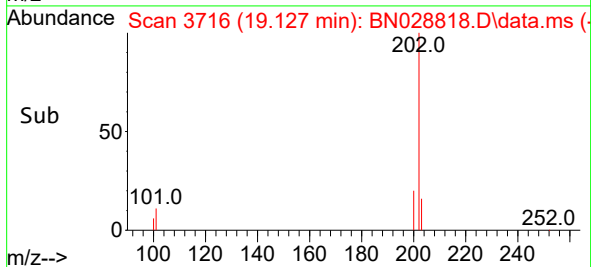
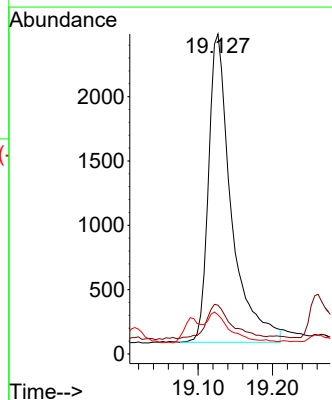
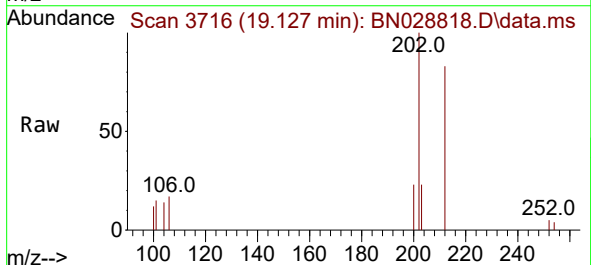
Instrument :
BNA_N
ClientSampleId :
C0AC2

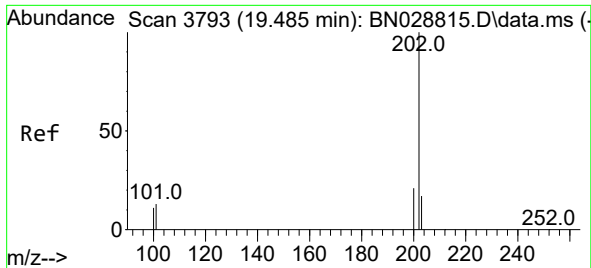
Tgt Ion: 88 Resp: 9920
Ion Ratio Lower Upper
88 100
43 35.6 32.9 49.3
58 56.9 41.8 62.8



#19
Fluoranthene
Concen: 0.111 ng/ul
RT: 19.127 min Scan# 3716
Delta R.T. 0.004 min
Lab File: BN028818.D
Acq: 21 Nov 2023 19:42

Tgt Ion: 202 Resp: 5096
Ion Ratio Lower Upper
202 100
101 15.2 9.5 14.3#
100 12.2 7.2 10.8#

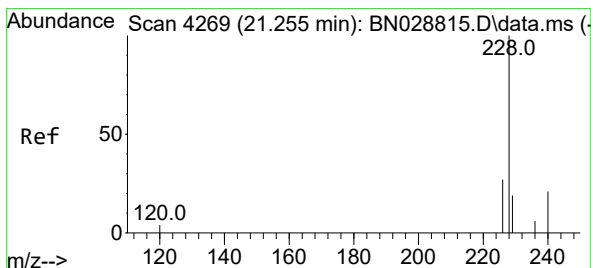
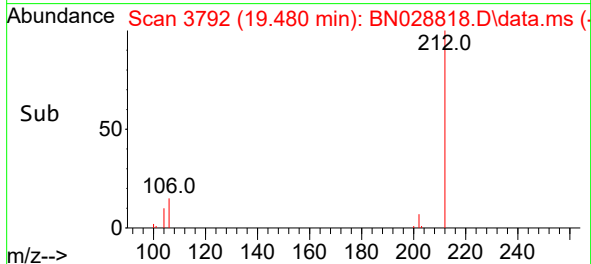
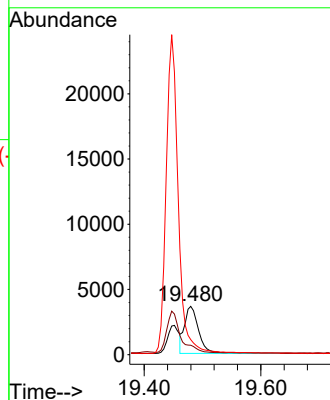
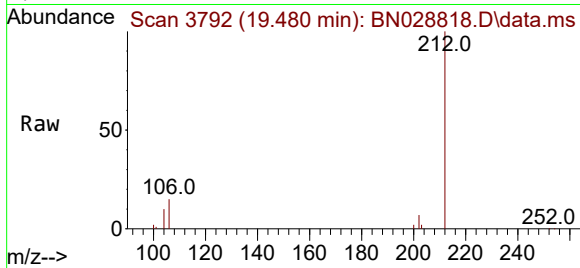




#20
Pyrene
Concen: 0.127 ng/ul
RT: 19.480 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN028818.D
Acq: 21 Nov 2023 19:42

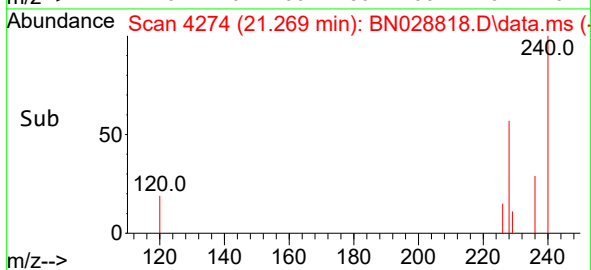
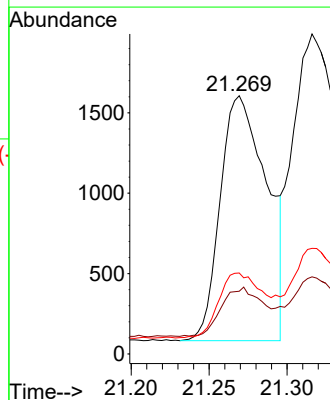
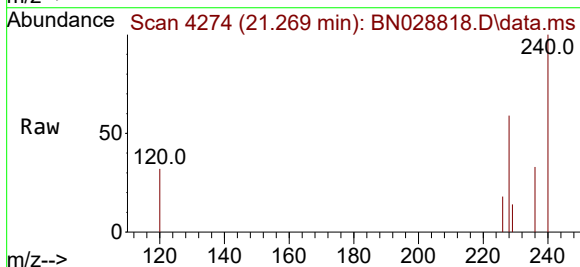
Instrument :
BNA_N
ClientSampleId :
C0AC2

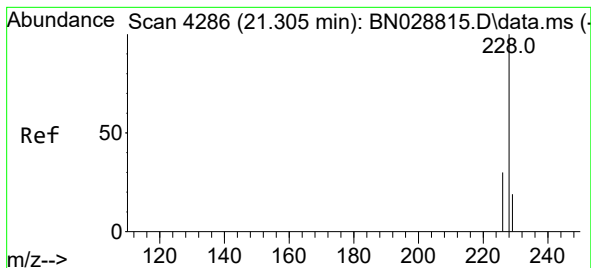
Tgt Ion:202 Resp: 6014
Ion Ratio Lower Upper
202 100
101 19.6 10.3 15.5#
100 31.1 8.2 12.2#



#21
Benzo(a)anthracene
Concen: 0.075 ng/ul
RT: 21.269 min Scan# 4274
Delta R.T. 0.014 min
Lab File: BN028818.D
Acq: 21 Nov 2023 19:42

Tgt Ion:228 Resp: 3170
Ion Ratio Lower Upper
228 100
229 24.3 15.7 23.5#
226 31.4 21.4 32.0





#22

Chrysene

Concen: 0.098 ng/ul

RT: 21.316 min Scan# 41

Delta R.T. 0.011 min

Lab File: BN028818.D

Acq: 21 Nov 2023 19:42

Instrument :

BNA_N

ClientSampleId :

C0AC2

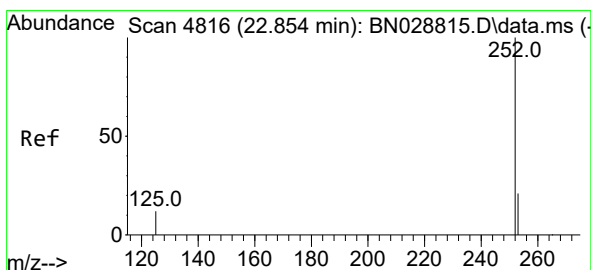
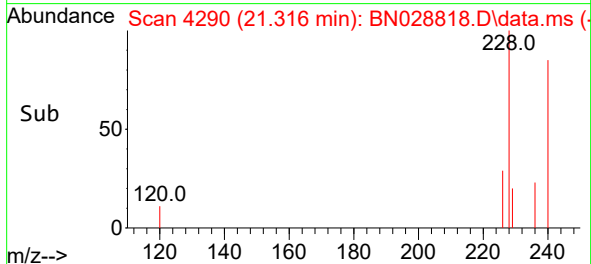
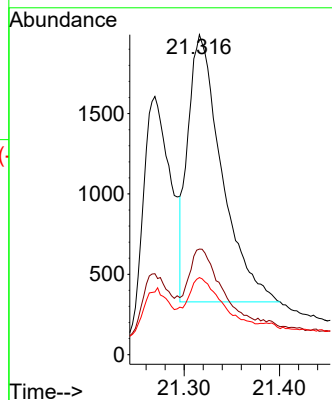
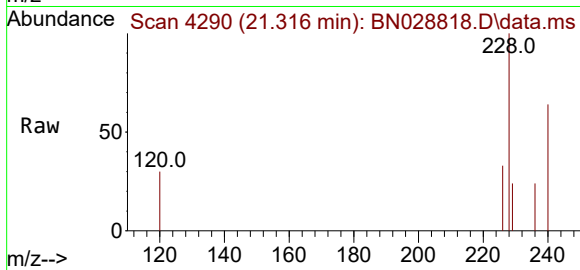
Tgt Ion:228 Resp: 4090

Ion Ratio Lower Upper

228 100

226 33.0 23.8 35.8

229 24.1 15.4 23.2#



#24

Benzo(b)fluoranthene

Concen: 0.072 ng/ul

RT: 22.859 min Scan# 4818

Delta R.T. 0.005 min

Lab File: BN028818.D

Acq: 21 Nov 2023 19:42

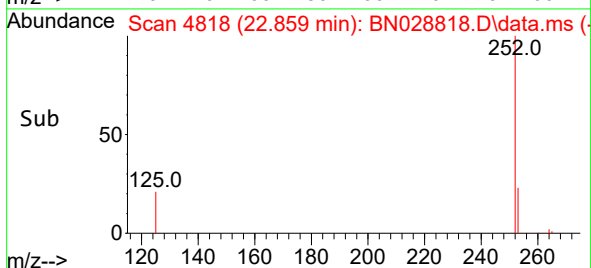
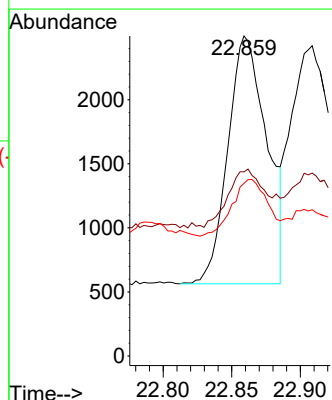
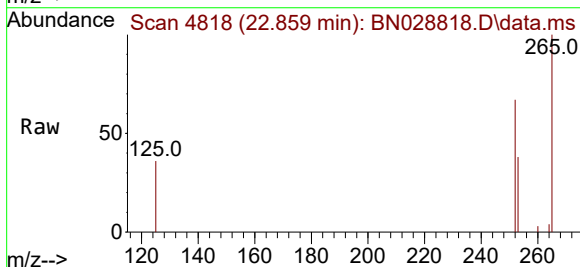
Tgt Ion:252 Resp: 3823

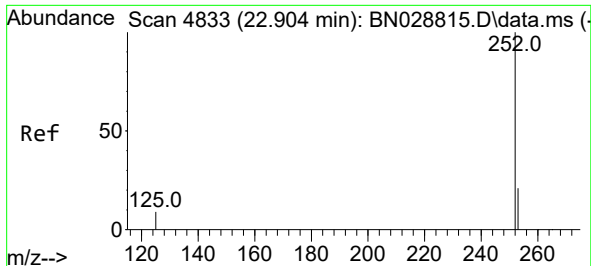
Ion Ratio Lower Upper

252 100

253 57.5 0.0 46.6#

125 54.0 0.0 27.6#

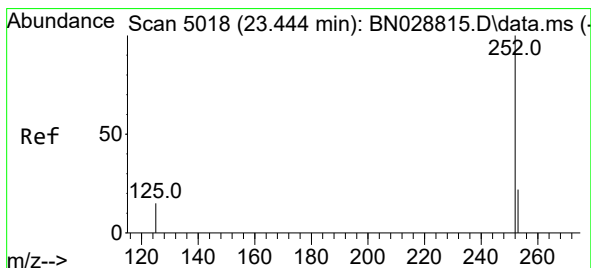
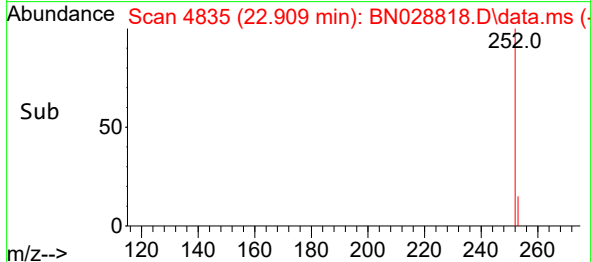
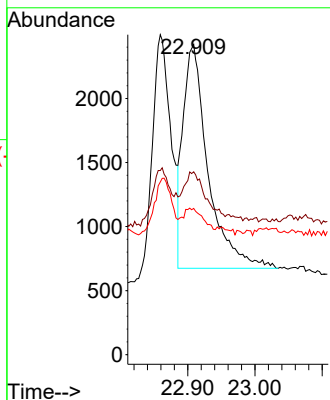
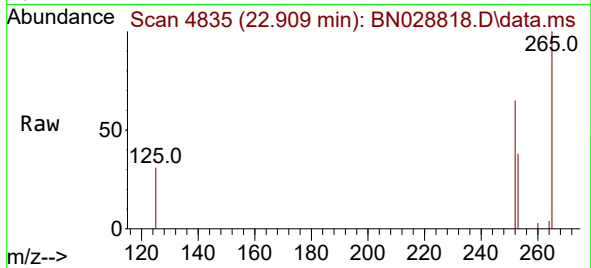




#25
Benzo(k)fluoranthene
Concen: 0.081 ng/ul
RT: 22.909 min Scan# 4833
Delta R.T. 0.005 min
Lab File: BN028818.D
Acq: 21 Nov 2023 19:42

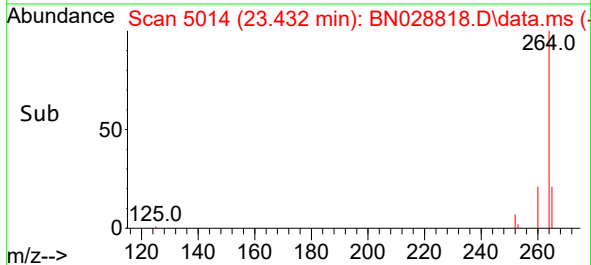
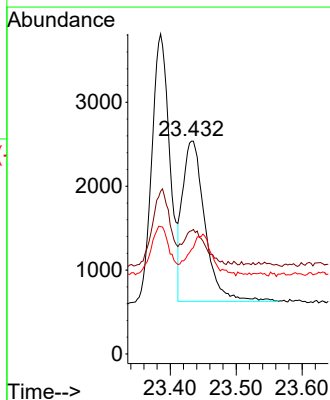
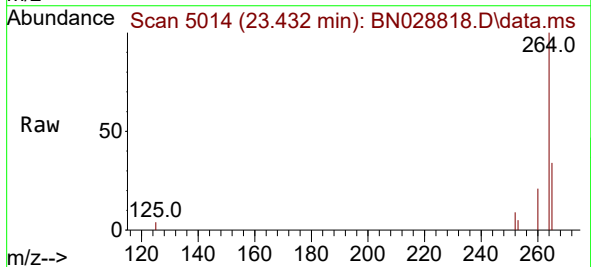
Instrument :
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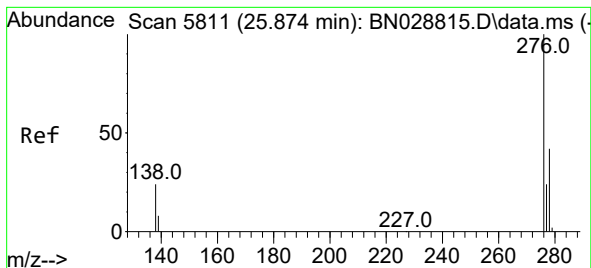
Tgt Ion:252 Resp: 4506
Ion Ratio Lower Upper
252 100
253 58.9 18.6 28.0#
125 47.2 12.7 19.1#



#26
Benzo(a)pyrene
Concen: 0.089 ng/ul
RT: 23.432 min Scan# 5014
Delta R.T. -0.012 min
Lab File: BN028818.D
Acq: 21 Nov 2023 19:42

Tgt Ion:252 Resp: 4491
Ion Ratio Lower Upper
252 100
253 57.9 19.0 28.6#
125 49.2 13.2 19.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.088 ng/ul

RT: 25.904 min Scan# 5820

Delta R.T. 0.029 min

Lab File: BN028818.D

Acq: 21 Nov 2023 19:42

Instrument :

BNA_N

ClientSampleId :

C0AC2

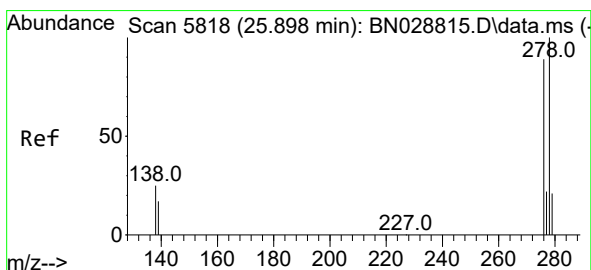
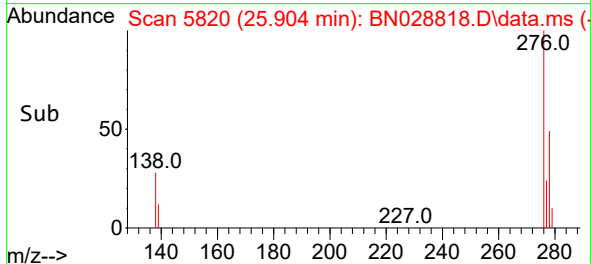
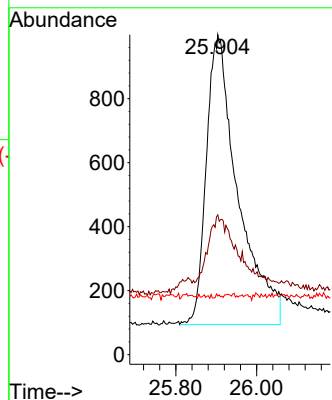
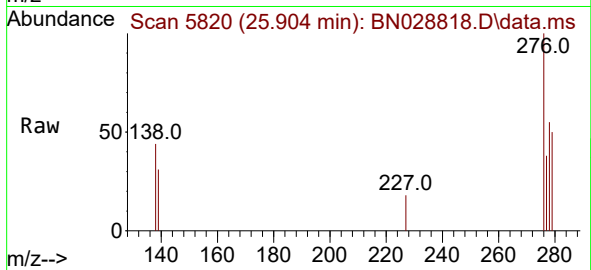
Tgt Ion:276 Resp: 4926

Ion Ratio Lower Upper

276 100

138 23.5 23.8 35.6#

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.085 ng/ul

RT: 25.927 min Scan# 5827

Delta R.T. 0.029 min

Lab File: BN028818.D

Acq: 21 Nov 2023 19:42

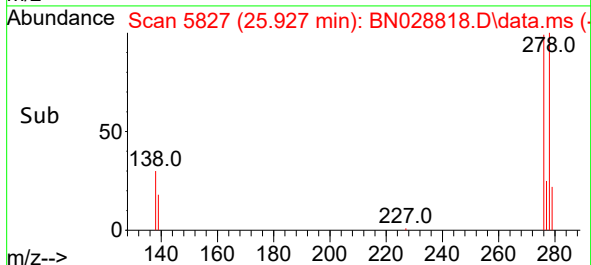
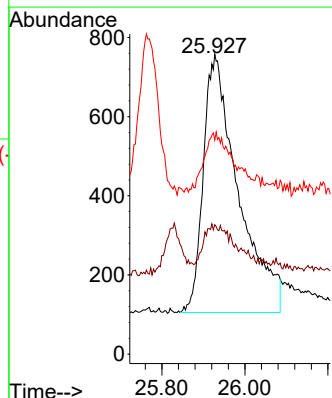
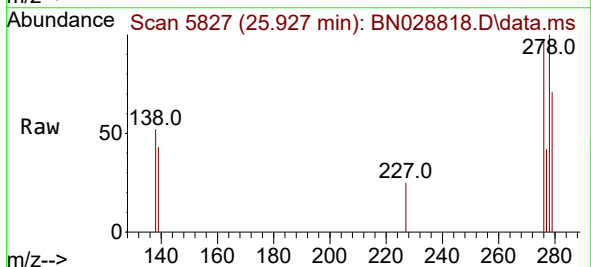
Tgt Ion:278 Resp: 3800

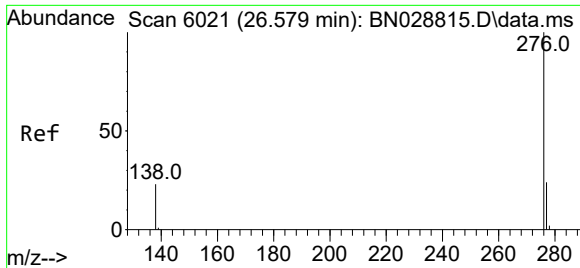
Ion Ratio Lower Upper

278 100

139 43.1 18.2 27.4#

279 71.4 20.7 31.1#





#29

Benzo(g,h,i)perylene

Concen: 0.096 ng/ul

RT: 26.598 min Scan# 6027

Delta R.T. 0.019 min

Lab File: BN028818.D

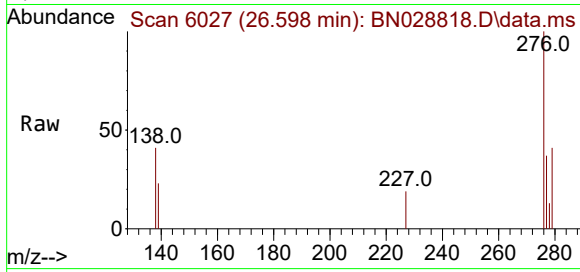
Acq: 21 Nov 2023 19:42

Instrument :

BNA_N

ClientSampleId :

C0AC2



Tgt Ion:276 Resp: 4412

Ion Ratio Lower Upper

276 100

138 41.4 20.5 30.7#

277 37.0 19.4 29.0#

