

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025169.D
 Acq On : 27 Apr 2023 10:01
 Operator : CG/JU
 Sample : 02418-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z1

Quant Time: Apr 28 01:19:35 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

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

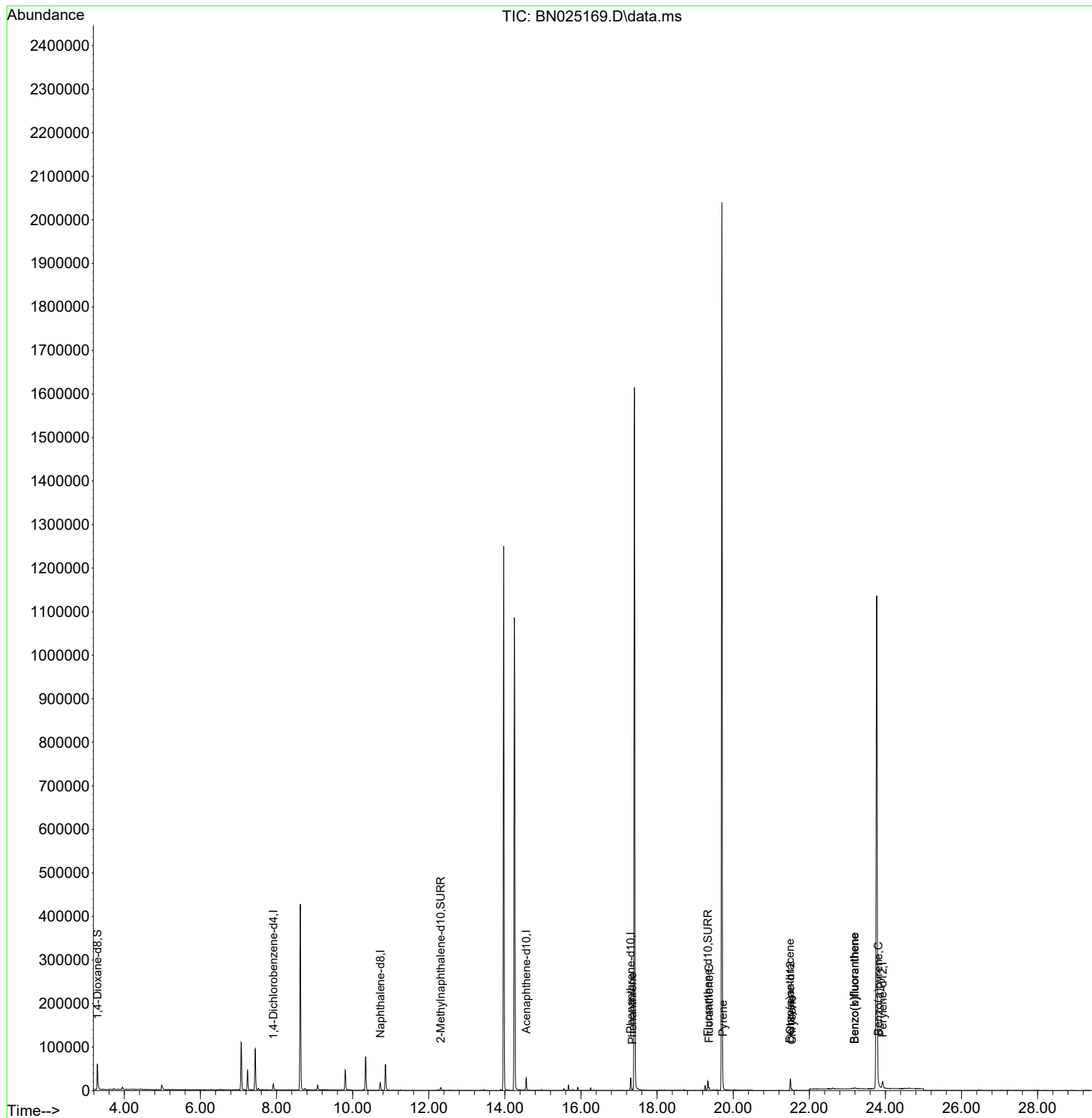
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7472	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	23649	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	14657	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	31814	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	25043	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	24405	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	34763	4.493	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	8674	0.286	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	21163	0.320	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.347	178	2652	0.030	ng/ul#	88
19) Fluoranthene	19.368	202	5431	0.060	ng/ul#	93
20) Pyrene	19.731	202	5297	0.057	ng/ul#	89
21) Benzo(a)anthracene	21.488	228	2470	0.033	ng/ul#	91
22) Chrysene	21.541	228	2883	0.035	ng/ul#	93
24) Benzo(b)fluoranthene	23.189	252	5150	0.052	ng/ul#	30
25) Benzo(k)fluoranthene	23.189	252	4035	0.042	ng/ul#	30
26) Benzo(a)pyrene	23.815	252	2308	0.028	ng/ul#	1

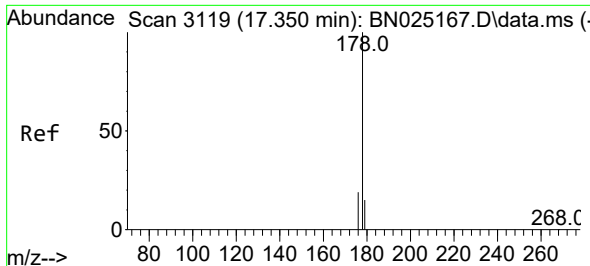
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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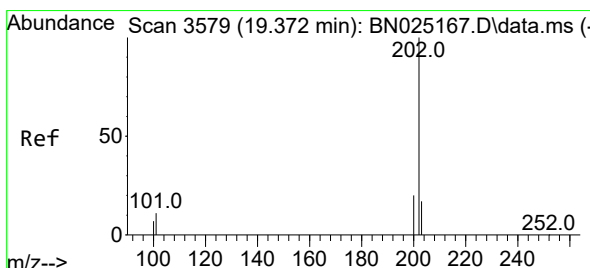
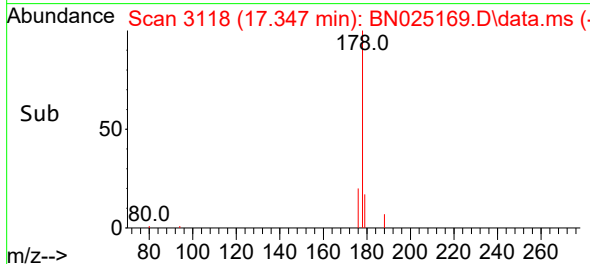
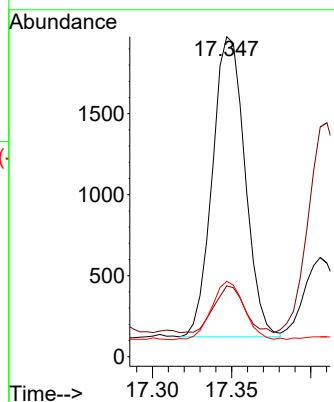
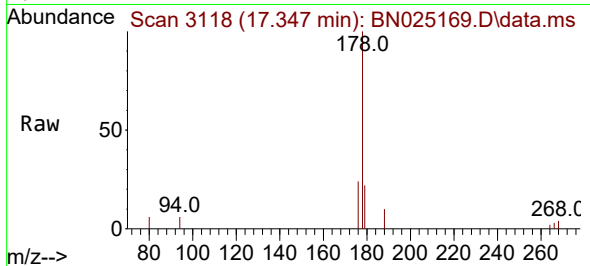




#15
Phenanthrene
Concen: 0.030 ng/ul
RT: 17.347 min Scan# 3118
Delta R.T. -0.004 min
Lab File: BN025169.D
Acq: 27 Apr 2023 10:01

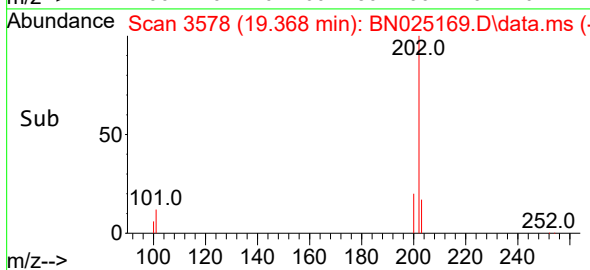
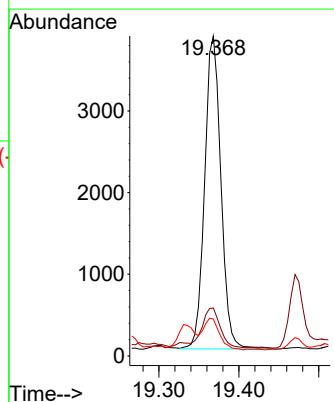
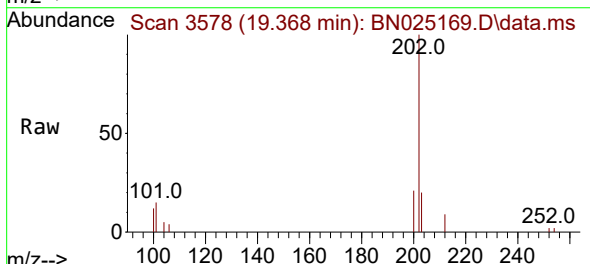
Instrument :
BNA_N
ClientSampleId :
EW8Z1

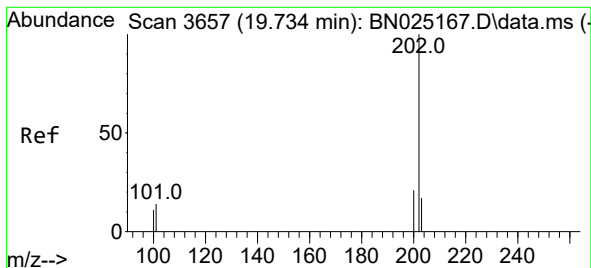
Tgt Ion:178 Resp: 2652
Ion Ratio Lower Upper
178 100
179 22.2 12.5 18.7#
176 23.5 15.6 23.4#



#19
Fluoranthene
Concen: 0.060 ng/ul
RT: 19.368 min Scan# 3578
Delta R.T. -0.004 min
Lab File: BN025169.D
Acq: 27 Apr 2023 10:01

Tgt Ion:202 Resp: 5431
Ion Ratio Lower Upper
202 100
101 15.0 9.7 14.5#
100 11.6 7.3 10.9#





#20

Pyrene

Concen: 0.057 ng/ul

RT: 19.731 min Scan# 3657

Delta R.T. -0.004 min

Lab File: BN025169.D

Acq: 27 Apr 2023 10:01

Instrument :

BNA_N

ClientSampleId :

EW8Z1

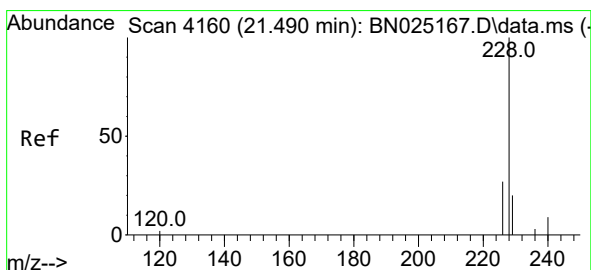
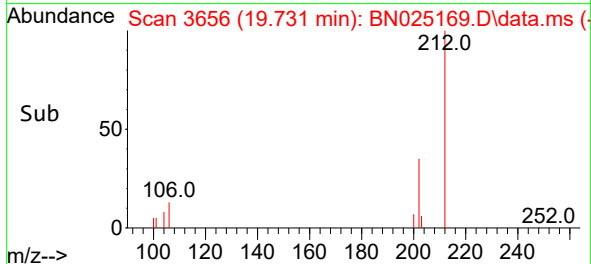
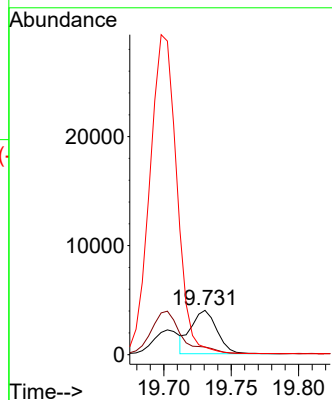
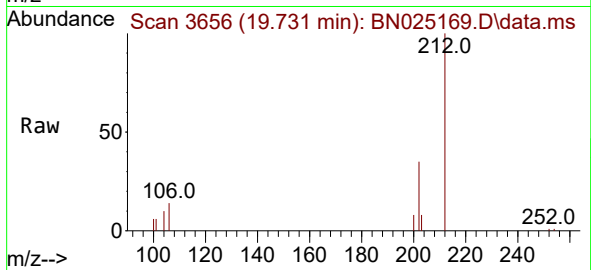
Tgt Ion:202 Resp: 5297

Ion Ratio Lower Upper

202 100

101 17.5 11.3 16.9#

100 16.9 9.2 13.8#



#21

Benzo(a)anthracene

Concen: 0.033 ng/ul

RT: 21.488 min Scan# 4159

Delta R.T. -0.002 min

Lab File: BN025169.D

Acq: 27 Apr 2023 10:01

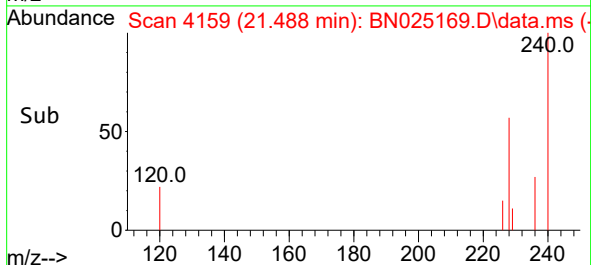
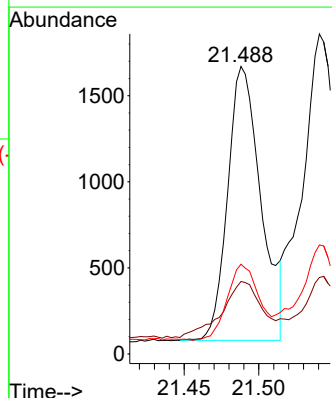
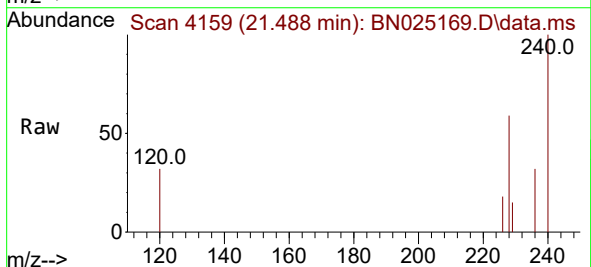
Tgt Ion:228 Resp: 2470

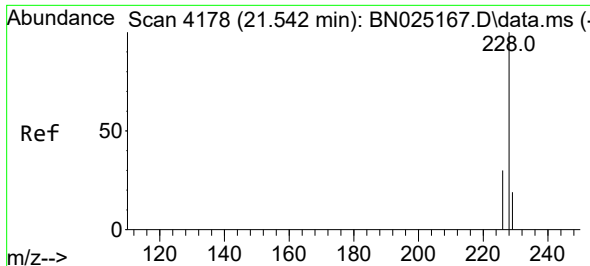
Ion Ratio Lower Upper

228 100

229 25.2 15.6 23.4#

226 31.2 22.1 33.1





#22

Chrysene

Concen: 0.035 ng/ul

RT: 21.541 min Scan# 4178

Delta R.T. -0.002 min

Lab File: BN025169.D

Acq: 27 Apr 2023 10:01

Instrument :

BNA_N

ClientSampleId :

EW8Z1

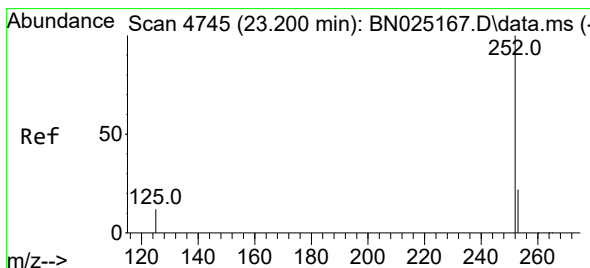
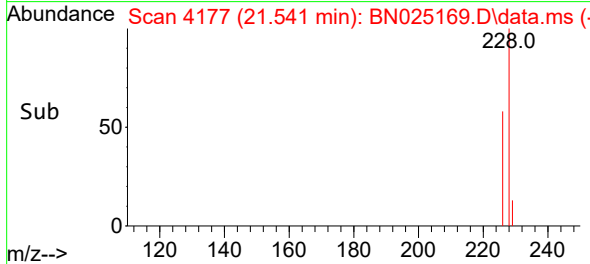
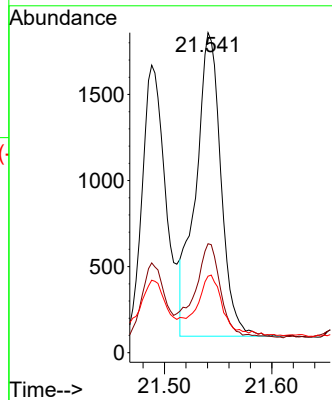
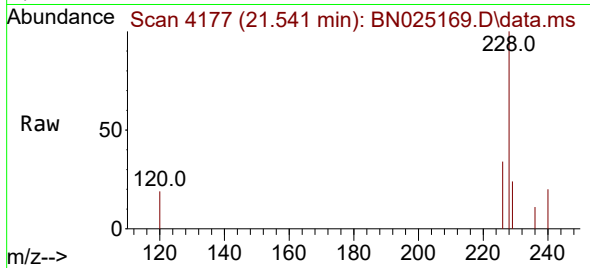
Tgt Ion:228 Resp: 2883

Ion Ratio Lower Upper

228 100

226 34.1 24.5 36.7

229 23.9 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.052 ng/ul

RT: 23.189 min Scan# 4741

Delta R.T. -0.011 min

Lab File: BN025169.D

Acq: 27 Apr 2023 10:01

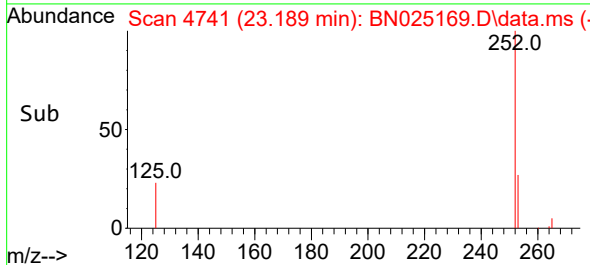
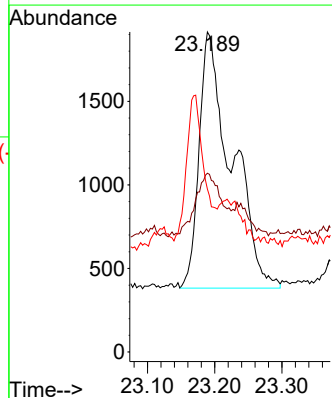
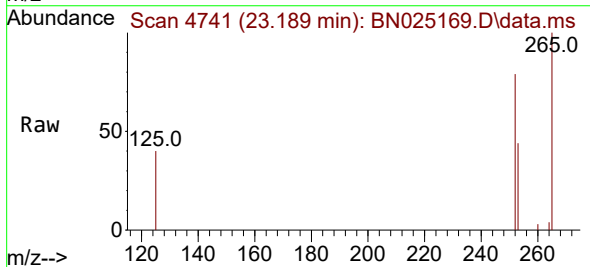
Tgt Ion:252 Resp: 5150

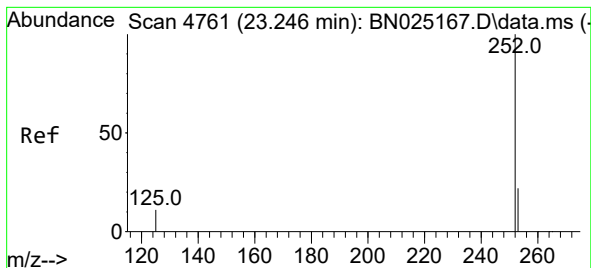
Ion Ratio Lower Upper

252 100

253 55.9 0.0 50.2#

125 50.9 0.0 30.4#





#25

Benzo(k)fluoranthene

Concen: 0.042 ng/ul

RT: 23.189 min Scan# 41

Delta R.T. -0.057 min

Lab File: BN025169.D

Acq: 27 Apr 2023 10:01

Instrument :

BNA_N

ClientSampleId :

EW8Z1

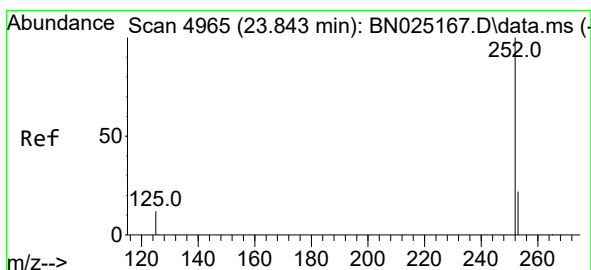
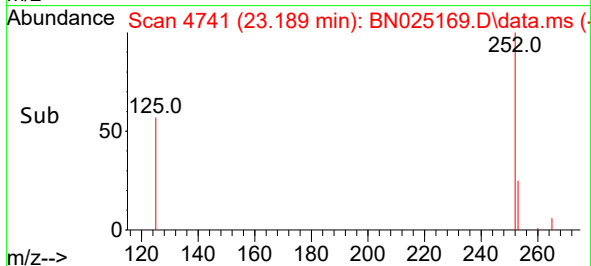
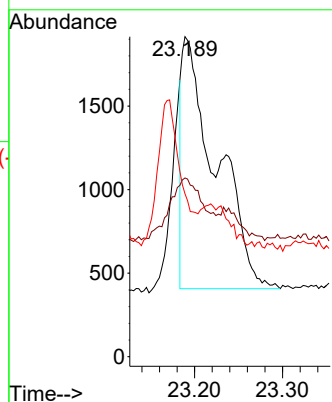
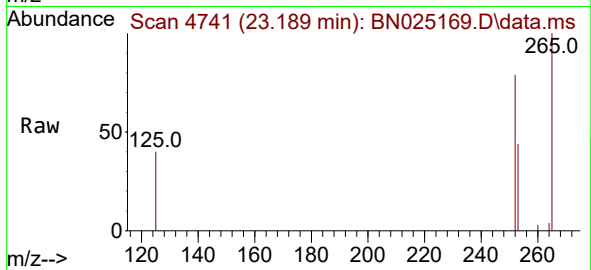
Tgt Ion:252 Resp: 4035

Ion Ratio Lower Upper

252 100

253 55.9 20.2 30.4#

125 50.9 11.8 17.8#



#26

Benzo(a)pyrene

Concen: 0.028 ng/ul

RT: 23.815 min Scan# 4955

Delta R.T. -0.028 min

Lab File: BN025169.D

Acq: 27 Apr 2023 10:01

Tgt Ion:252 Resp: 2308

Ion Ratio Lower Upper

252 100

253 67.1 21.4 32.2#

125 76.5 14.6 22.0#

