

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
 Data File : BN025156.D
 Acq On : 26 Apr 2023 21:04
 Operator : CG/JU
 Sample : 02433-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHE41

Quant Time: Apr 27 00:29:31 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 : Wed Apr 26 15:32:47 2023
 Response via : Initial Calibration

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

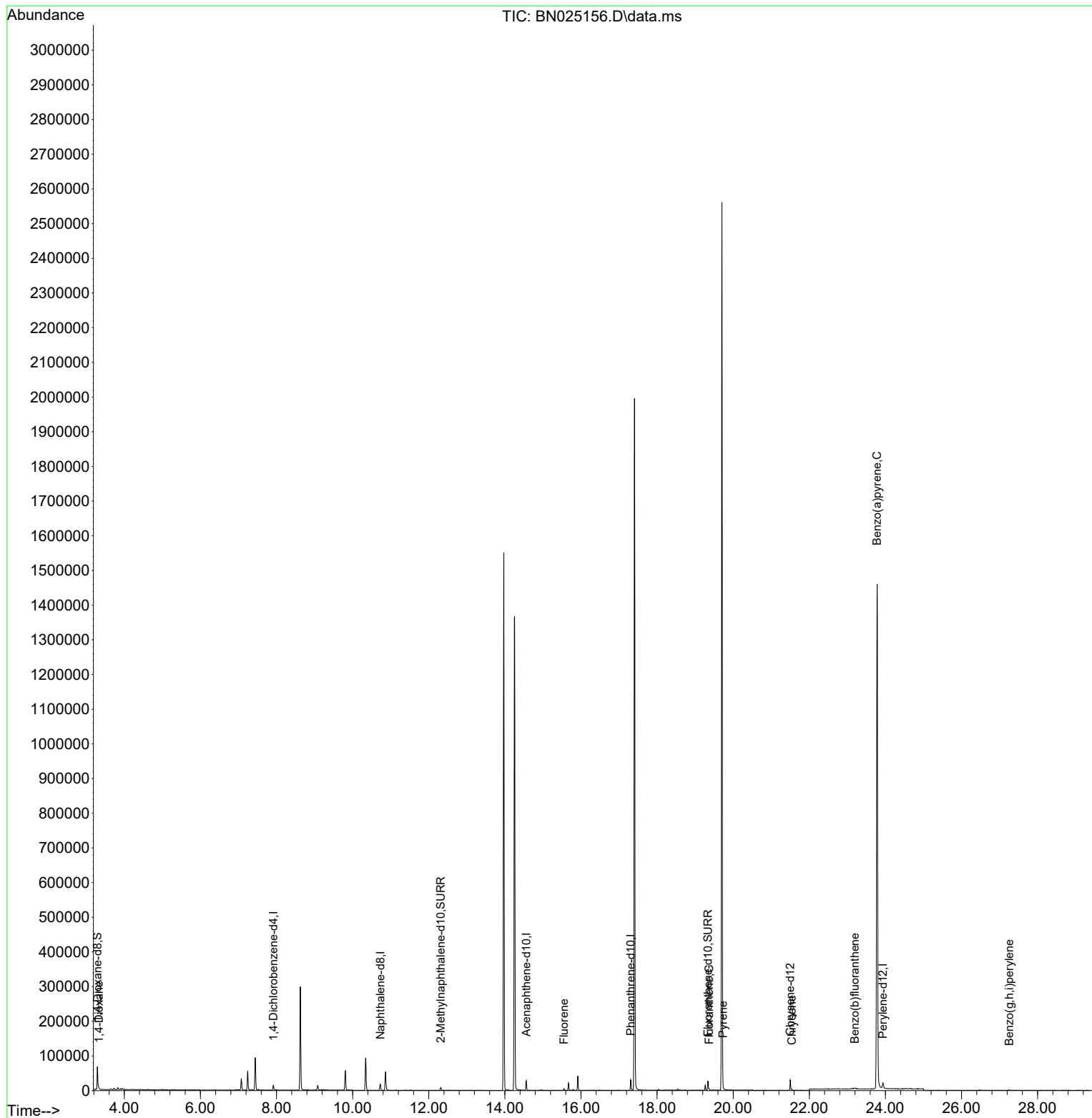
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7227	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	23515	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	14791	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	32652	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	26513	0.400	ng/ul	-0.01
23) Perylene-d12	23.935	264	25151	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	36119	4.827	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	10742	0.356	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	27852	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	1566	0.194	ng/ul#	80
12) Fluorene	15.556	166	4057	0.078	ng/ul#	15
19) Fluoranthene	19.368	202	3252	0.034	ng/ul#	80
20) Pyrene	19.730	202	3373	0.034	ng/ul#	84
22) Chrysene	21.538	228	3601	0.041	ng/ul#	88
24) Benzo(b)fluoranthene	23.192	252	4194	0.041	ng/ul#	26
26) Benzo(a)pyrene	23.780	252	5956	0.071	ng/ul#	57
29) Benzo(g,h,i)perylene	27.252	276	2138	0.026	ng/ul#	74

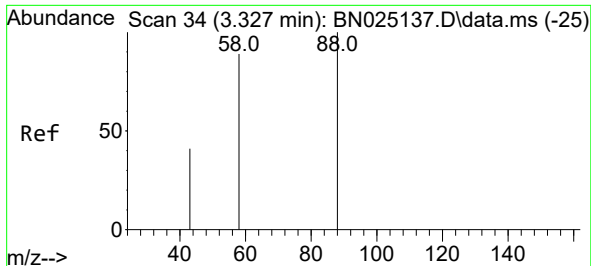
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.194 ng/ul

RT: 3.331 min Scan# 3

Delta R.T. 0.004 min

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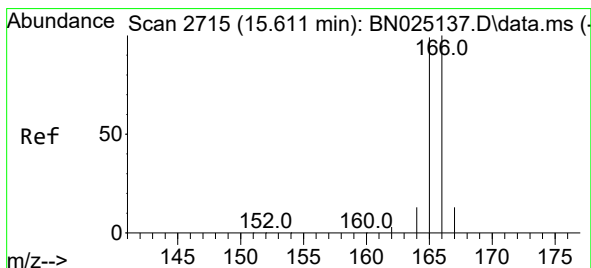
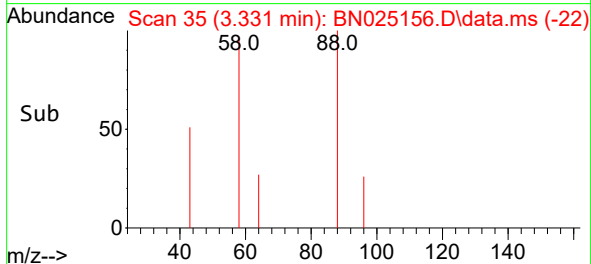
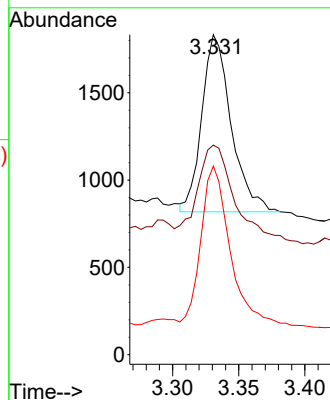
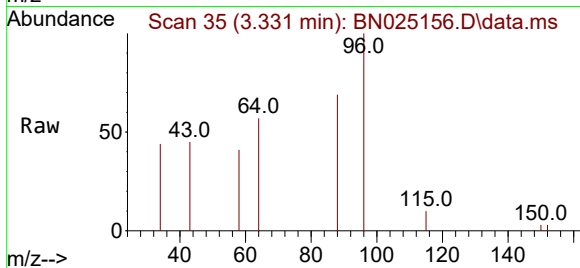
Tgt Ion: 88 Resp: 1566

Ion Ratio Lower Upper

88 100

43 65.5 37.0 55.4#

58 59.0 56.9 85.3



#12

Fluorene

Concen: 0.078 ng/ul

RT: 15.556 min Scan# 2703

Delta R.T. -0.055 min

Lab File: BN025156.D

Acq: 26 Apr 2023 21:04

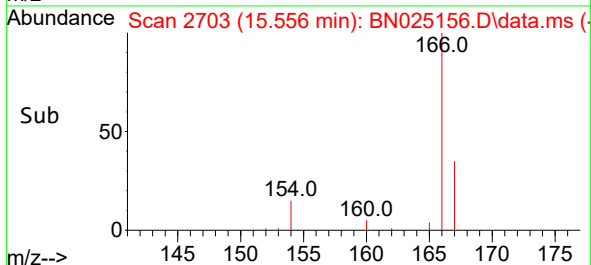
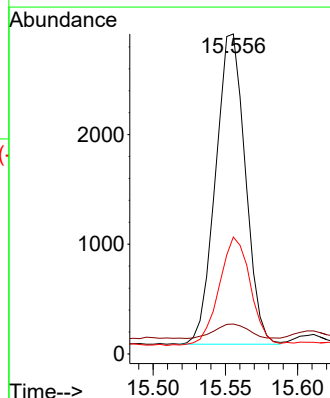
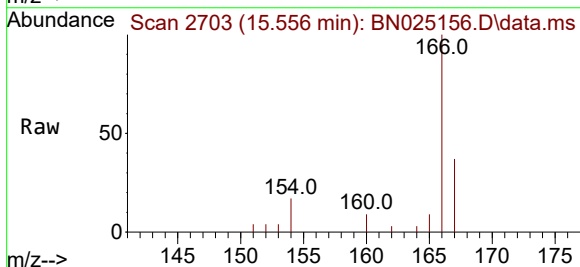
Tgt Ion:166 Resp: 4057

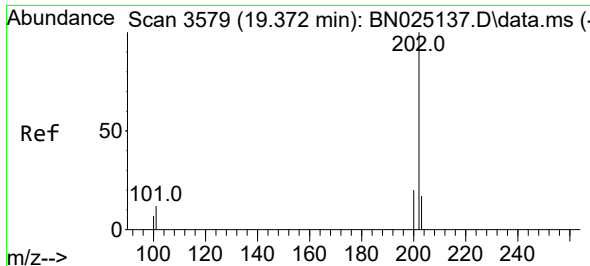
Ion Ratio Lower Upper

166 100

165 9.3 78.1 117.1#

167 36.6 11.0 16.6#

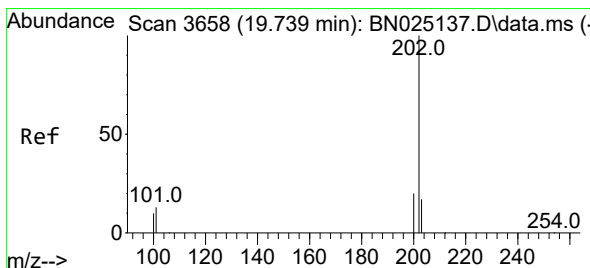
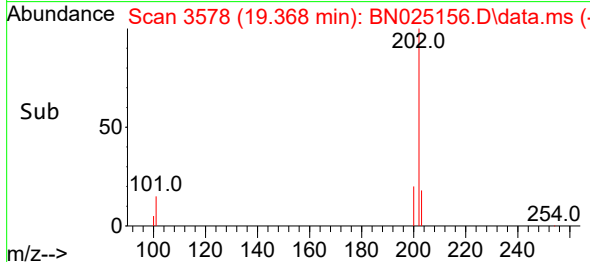
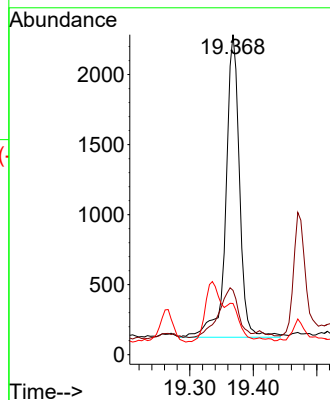
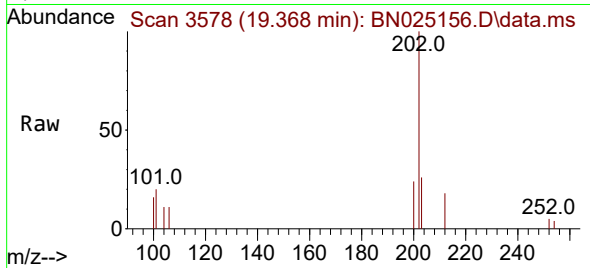




#19
Fluoranthene
Concen: 0.034 ng/ul
RT: 19.368 min Scan# 3578
Delta R.T. -0.004 min
Lab File: BN025156.D
Acq: 26 Apr 2023 21:04

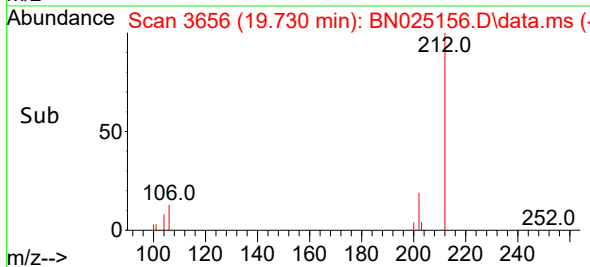
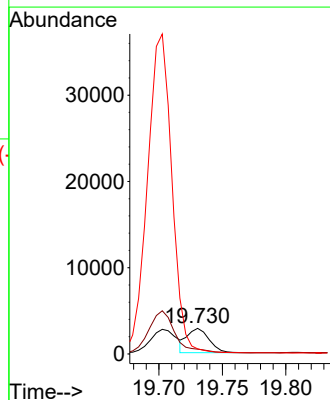
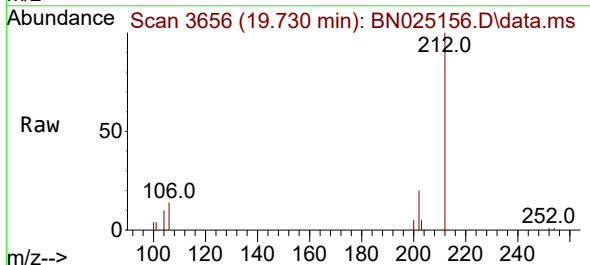
Instrument :
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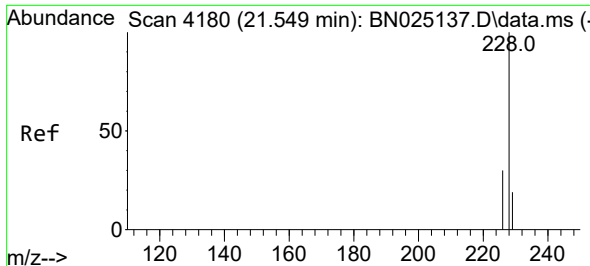
Tgt Ion:202 Resp: 3252
Ion Ratio Lower Upper
202 100
101 20.1 9.7 14.5#
100 16.0 7.3 10.9#



#20
Pyrene
Concen: 0.034 ng/ul
RT: 19.730 min Scan# 3656
Delta R.T. -0.009 min
Lab File: BN025156.D
Acq: 26 Apr 2023 21:04

Tgt Ion:202 Resp: 3373
Ion Ratio Lower Upper
202 100
101 18.9 11.3 16.9#
100 19.7 9.2 13.8#





#22

Chrysene

Concen: 0.041 ng/ul

RT: 21.538 min Scan# 4176

Delta R.T. -0.011 min

Lab File: BN025156.D

Acq: 26 Apr 2023 21:04

Instrument :

BNA_N

ClientSampleId :

BHE41

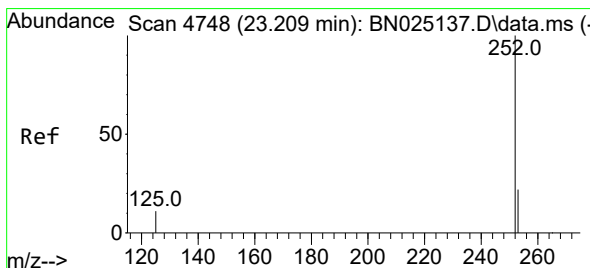
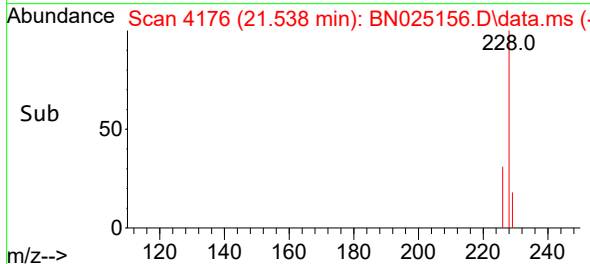
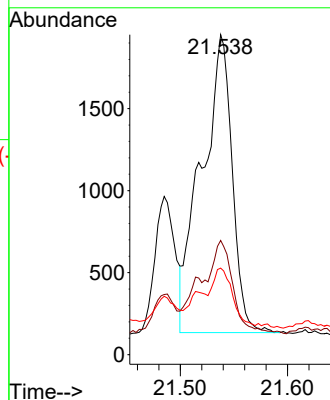
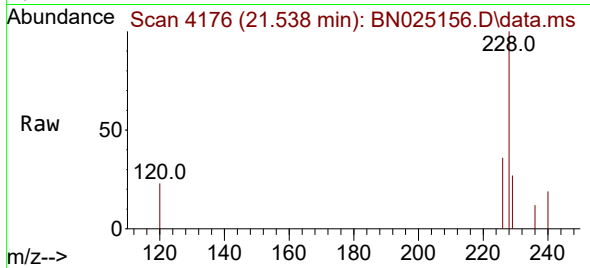
Tgt Ion:228 Resp: 3601

Ion Ratio Lower Upper

228 100

226 35.7 24.5 36.7

229 27.0 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.041 ng/ul

RT: 23.192 min Scan# 4742

Delta R.T. -0.017 min

Lab File: BN025156.D

Acq: 26 Apr 2023 21:04

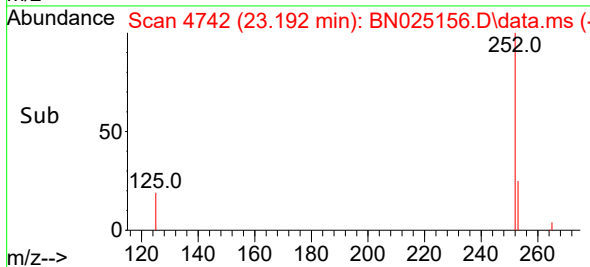
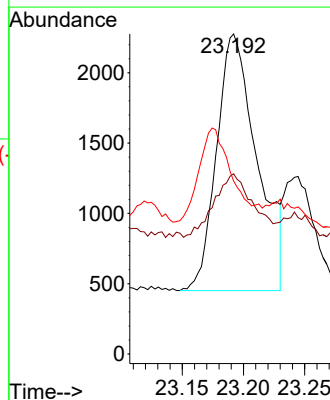
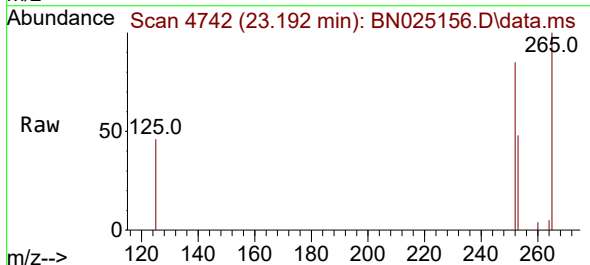
Tgt Ion:252 Resp: 4194

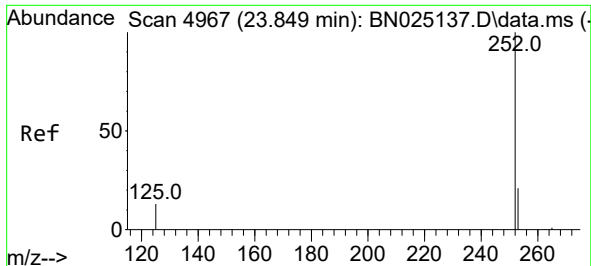
Ion Ratio Lower Upper

252 100

253 56.3 0.0 50.2#

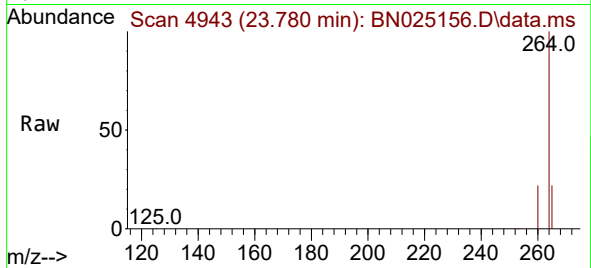
125 54.0 0.0 30.4#



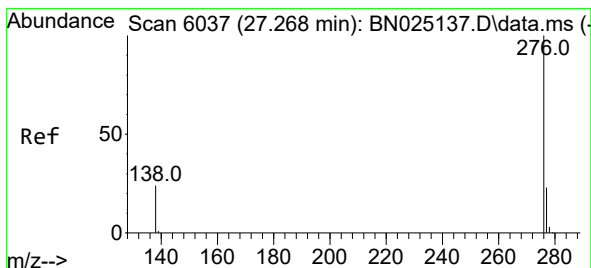
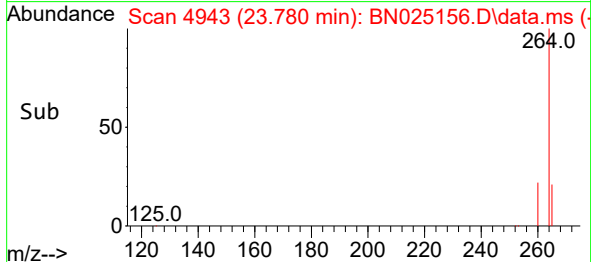
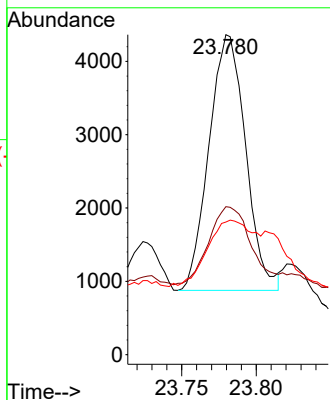


#26
Benzo(a)pyrene
Concen: 0.071 ng/ul
RT: 23.780 min Scan# 4943
Delta R.T. -0.069 min
Lab File: BN025156.D
Acq: 26 Apr 2023 21:04

Instrument :
BNA_N
ClientSampleId :
BHE41



Tgt Ion:252 Resp: 5956
Ion Ratio Lower Upper
252 100
253 46.2 21.4 32.2#
125 41.5 14.6 22.0#



#29
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 27.252 min Scan# 6032
Delta R.T. -0.016 min
Lab File: BN025156.D
Acq: 26 Apr 2023 21:04

Tgt Ion:276 Resp: 2138
Ion Ratio Lower Upper
276 100
138 41.0 20.3 30.5#
277 34.7 19.8 29.6#

