

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
 Data File : BN025140.D
 Acq On : 26 Apr 2023 11:32
 Operator : CG/JU
 Sample : 02296-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBM6

Quant Time: Apr 27 00:12:54 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)

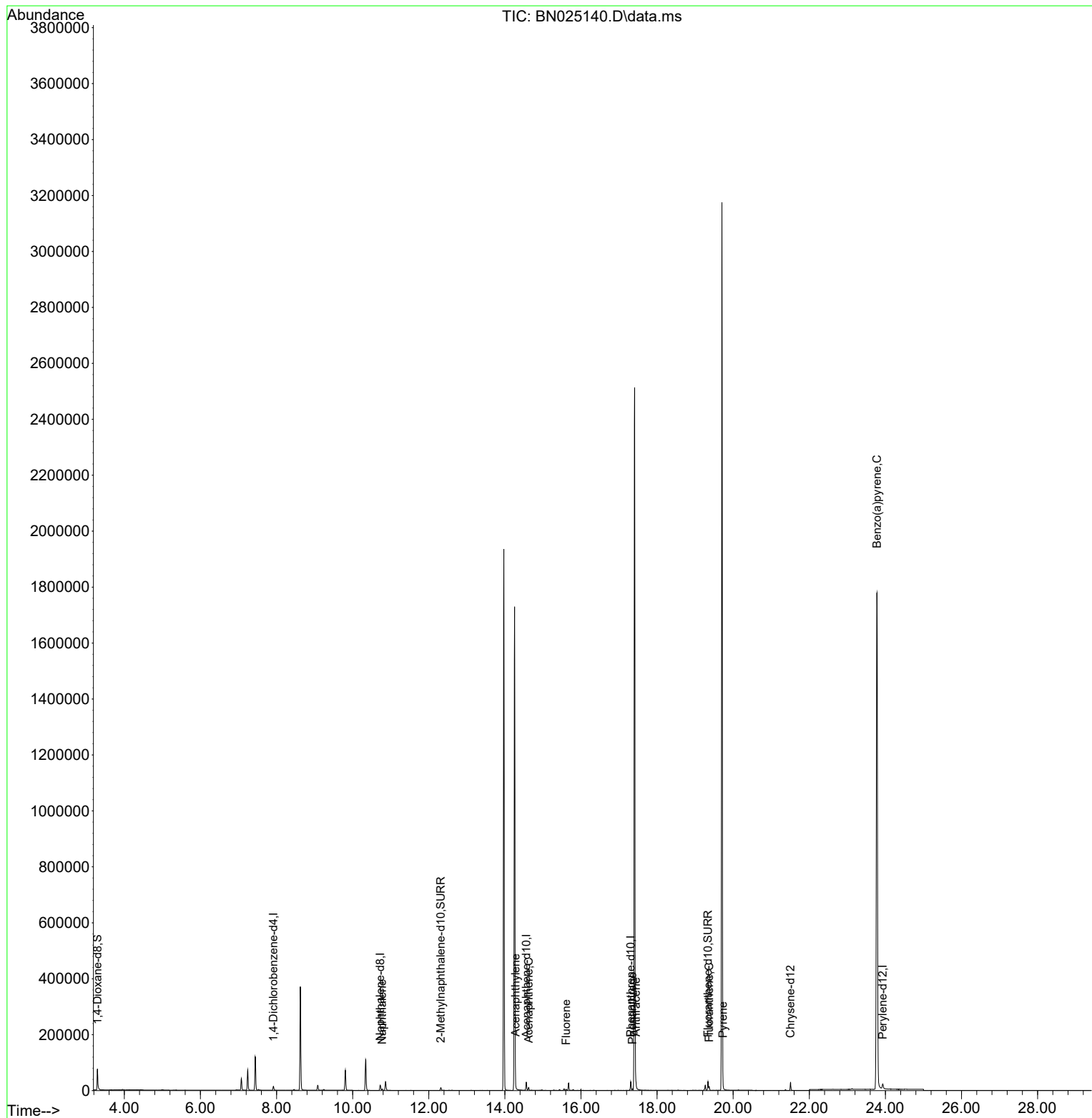
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	7419	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	24143	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.560	164	15128	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	34096	0.400	ng/ul	0.00
17) Chrysene-d12	21.508	240	26251	0.400	ng/ul	0.00
23) Perylene-d12	23.931	264	27008	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	43714	5.691	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	13405	0.432	ng/ul	0.00
18) Fluoranthene-d10	19.339	212	33250	0.480	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.775	128	7158	0.116	ng/ul	97
10) Acenaphthylene	14.283	152	3264	0.058	ng/ul#	85
11) Acenaphthene	14.625	153	5655	0.119	ng/ul	98
12) Fluorene	15.611	166	2412	0.045	ng/ul#	96
15) Phenanthrene	17.351	178	5626	0.058	ng/ul	94
16) Anthracene	17.443	178	17390	0.221	ng/ul	98
19) Fluoranthene	19.367	202	11251	0.119	ng/ul	96
20) Pyrene	19.734	202	7274	0.075	ng/ul#	93
26) Benzo(a)pyrene	23.779	252	9792	0.108	ng/ul#	67

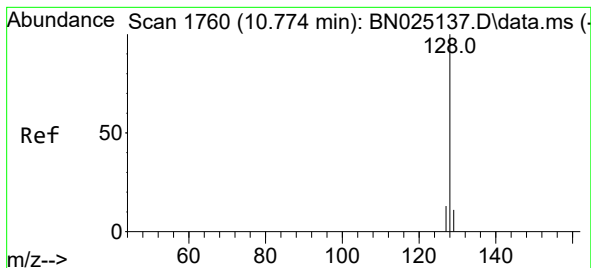
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.116 ng/ul

RT: 10.775 min Scan# 1760

Delta R.T. 0.001 min

Lab File: BN025140.D

Acq: 26 Apr 2023 11:32

Instrument :

BNA_N

ClientSampleId :

DCBM6

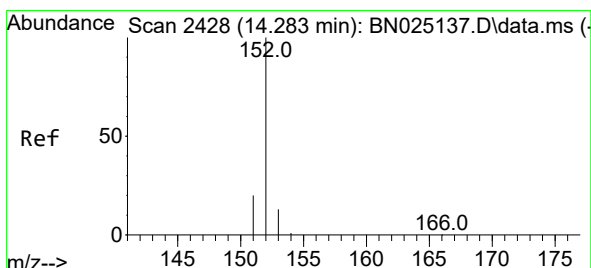
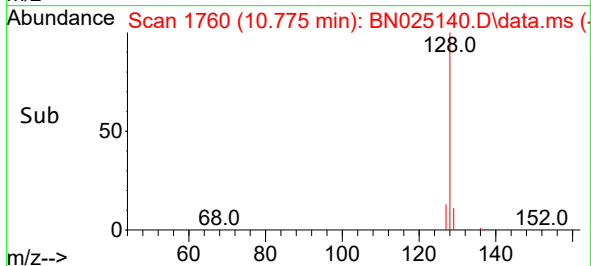
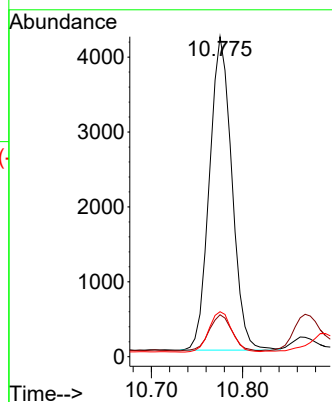
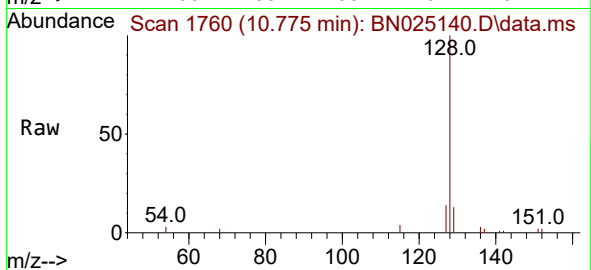
Tgt Ion:128 Resp: 7158

Ion Ratio Lower Upper

128 100

129 13.1 9.0 13.6

127 14.1 10.7 16.1



#10

Acenaphthylene

Concen: 0.058 ng/ul

RT: 14.283 min Scan# 2428

Delta R.T. -0.000 min

Lab File: BN025140.D

Acq: 26 Apr 2023 11:32

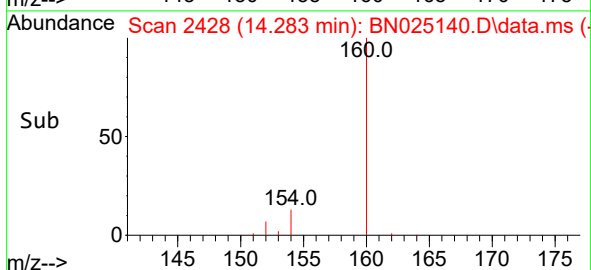
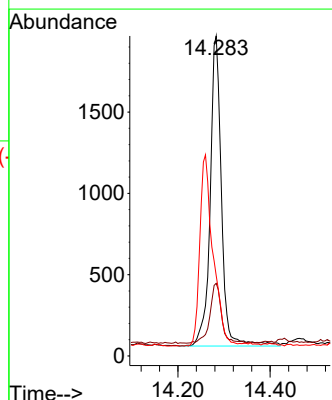
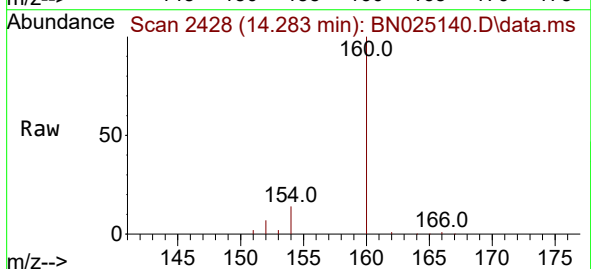
Tgt Ion:152 Resp: 3264

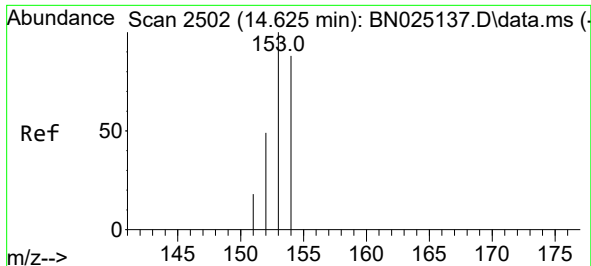
Ion Ratio Lower Upper

152 100

151 22.7 16.0 24.0

153 25.1 10.8 16.2#

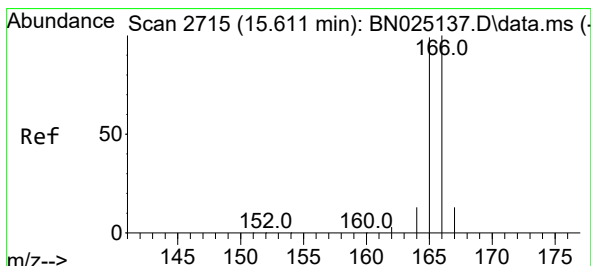
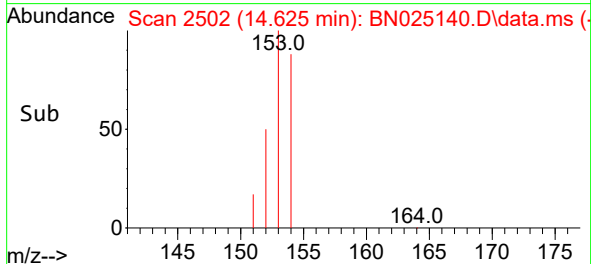
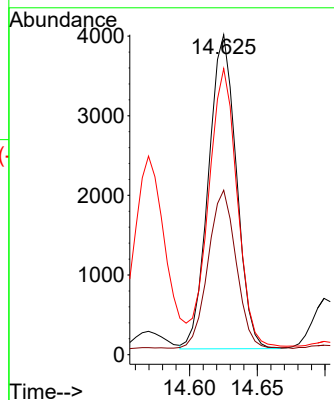
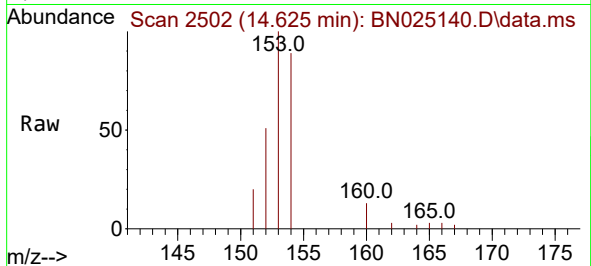




#11
Acenaphthene
Concen: 0.119 ng/ul
RT: 14.625 min Scan# 2502
Delta R.T. -0.000 min
Lab File: BN025140.D
Acq: 26 Apr 2023 11:32

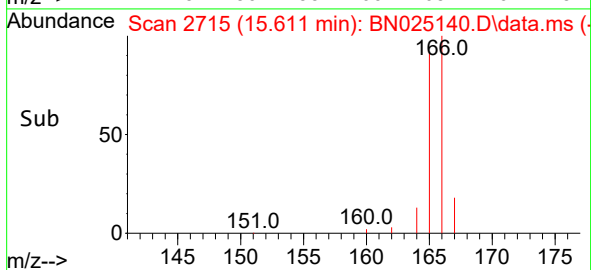
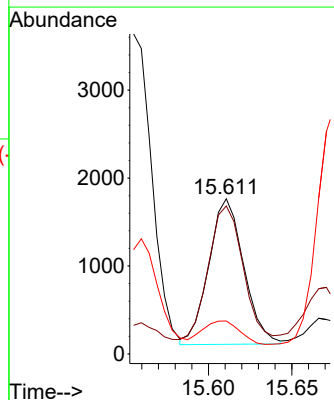
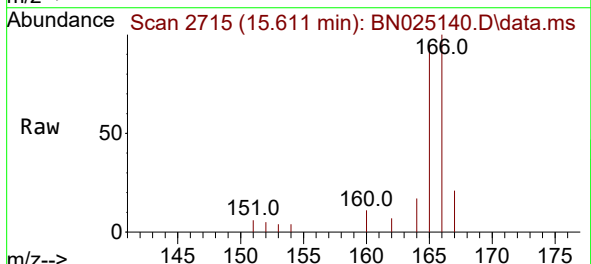
Instrument :
BNA_N
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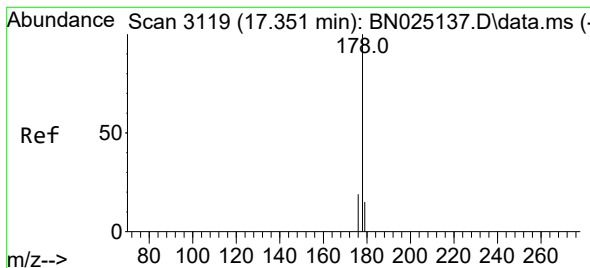
Tgt Ion:153 Resp: 5655
Ion Ratio Lower Upper
153 100
152 51.4 40.2 60.4
154 89.4 69.4 104.2



#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. -0.000 min
Lab File: BN025140.D
Acq: 26 Apr 2023 11:32

Tgt Ion:166 Resp: 2412
Ion Ratio Lower Upper
166 100
165 95.4 78.1 117.1
167 21.3 11.0 16.6#





#15

Phenanthrene

Concen: 0.058 ng/ul

RT: 17.351 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BN025140.D

Acq: 26 Apr 2023 11:32

Instrument :

BNA_N

ClientSampleId :

DCBM6

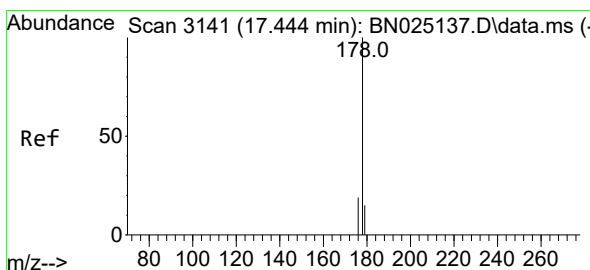
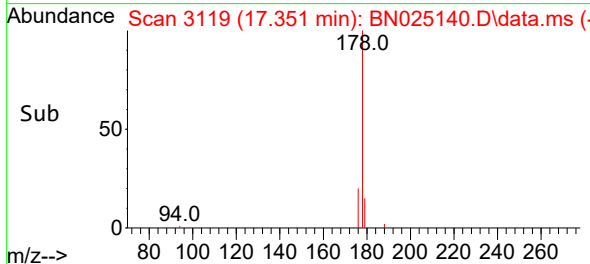
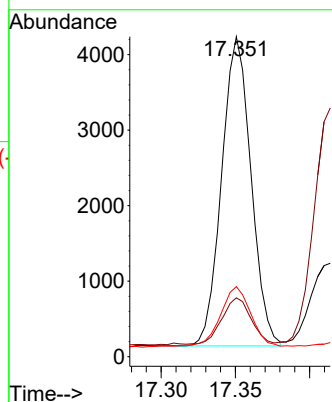
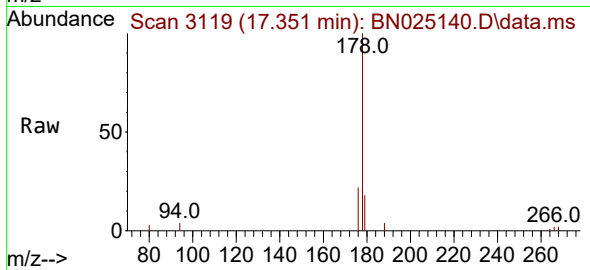
Tgt Ion:178 Resp: 5626

Ion Ratio Lower Upper

178 100

179 18.4 12.5 18.7

176 21.9 15.6 23.4



#16

Anthracene

Concen: 0.221 ng/ul

RT: 17.443 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BN025140.D

Acq: 26 Apr 2023 11:32

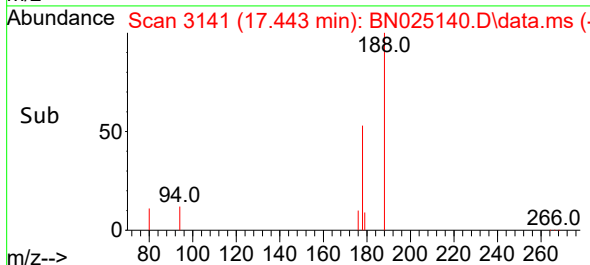
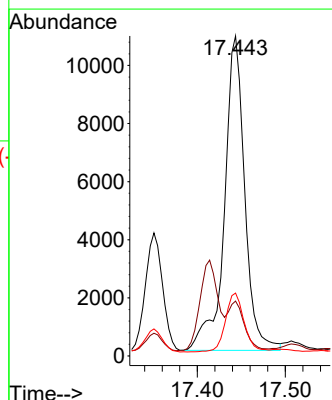
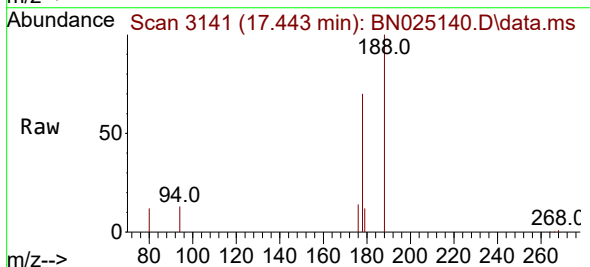
Tgt Ion:178 Resp: 17390

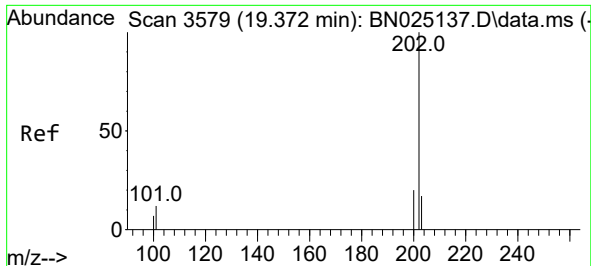
Ion Ratio Lower Upper

178 100

179 17.2 12.7 19.1

176 19.7 15.3 22.9

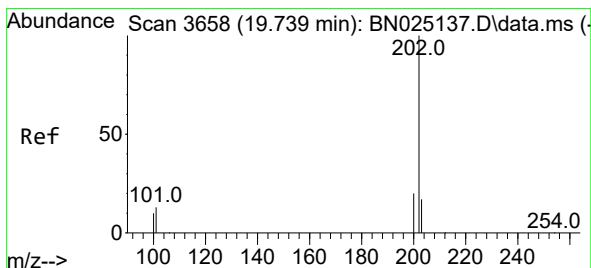
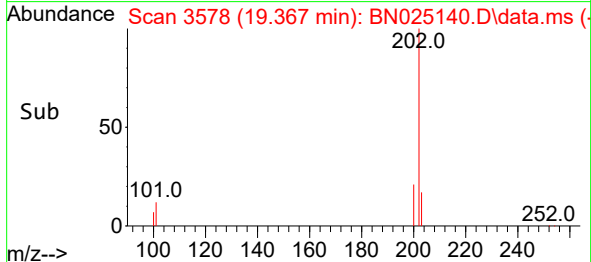
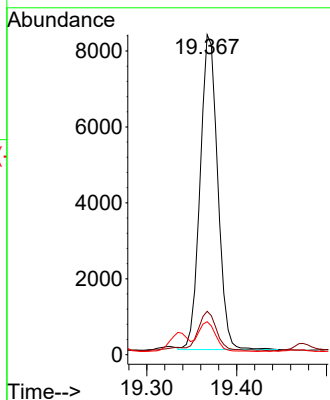
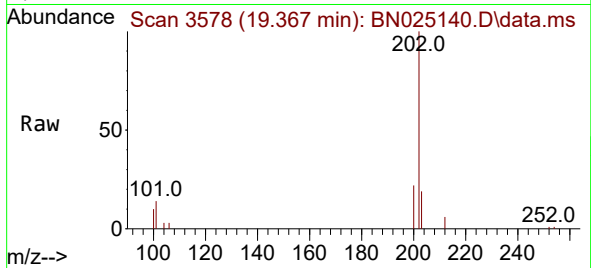




#19
Fluoranthene
Concen: 0.119 ng/ul
RT: 19.367 min Scan# 3578
Delta R.T. -0.005 min
Lab File: BN025140.D
Acq: 26 Apr 2023 11:32

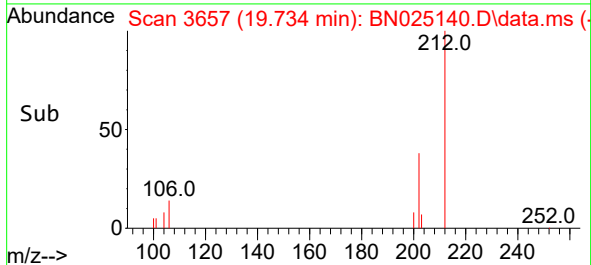
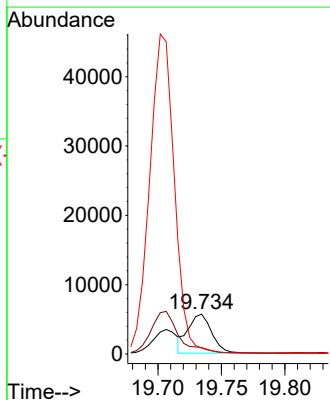
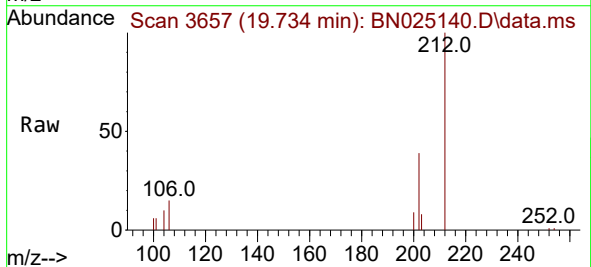
Instrument :
BNA_N
ClientSampleId :
DCBM6

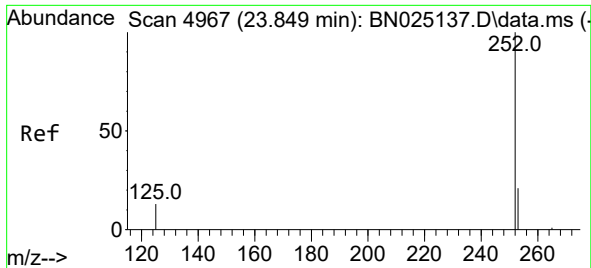
Tgt Ion:202 Resp: 11251
Ion Ratio Lower Upper
202 100
101 13.5 9.7 14.5
100 10.3 7.3 10.9



#20
Pyrene
Concen: 0.075 ng/ul
RT: 19.734 min Scan# 3657
Delta R.T. -0.005 min
Lab File: BN025140.D
Acq: 26 Apr 2023 11:32

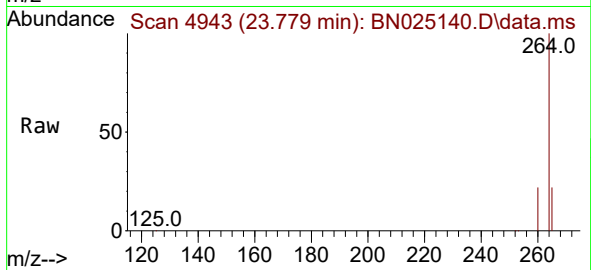
Tgt Ion:202 Resp: 7274
Ion Ratio Lower Upper
202 100
101 15.9 11.3 16.9
100 15.0 9.2 13.8#





#26
Benzo(a)pyrene
Concen: 0.108 ng/ul
RT: 23.779 min Scan# 4967
Delta R.T. -0.070 min
Lab File: BN025140.D
Acq: 26 Apr 2023 11:32

Instrument :
BNA_N
ClientSampleId :
DCBM6



Tgt Ion:252 Resp: 9792
Ion Ratio Lower Upper
252 100
253 43.1 21.4 32.2#
125 34.2 14.6 22.0#

