

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
 Data File : BN025787.D
 Acq On : 12 Jun 2023 18:22
 Operator : MA/JU
 Sample : 02960-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0FN5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 13 00:03:22 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	7814	0.400	ng/ul	0.00
4) Naphthalene-d8	10.824	136	23349	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	13387	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	26805	0.400	ng/ul	0.00
17) Chrysene-d12	21.566	240	14363	0.400	ng/ul	0.00
23) Perylene-d12	24.051	264	11881	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	12251	1.595	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.413	152	2718	0.092	ng/ul	0.00
18) Fluoranthene-d10	19.409	212	5676	0.125	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.427	178	18544	0.237	ng/ul	99
16) Anthracene	17.515	178	2607	0.039	ng/ul#	87
19) Fluoranthene	19.437	202	50500	0.769	ng/ul	98
20) Pyrene	19.799	202	49411	0.727	ng/ul	99
21) Benzo(a)anthracene	21.548	228	14721	0.321	ng/ul	98
22) Chrysene	21.604	228	20200	0.386	ng/ul	98
24) Benzo(b)fluoranthene	23.290	252	21991m	0.453	ng/ul	
25) Benzo(k)fluoranthene	23.328	252	8068m	0.166	ng/ul	
26) Benzo(a)pyrene	23.939	252	14072	0.342	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.654	276	10870	0.231	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.677	278	2343	0.066	ng/ul#	39
29) Benzo(g,h,i)perylene	27.459	276	11617	0.276	ng/ul	95

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

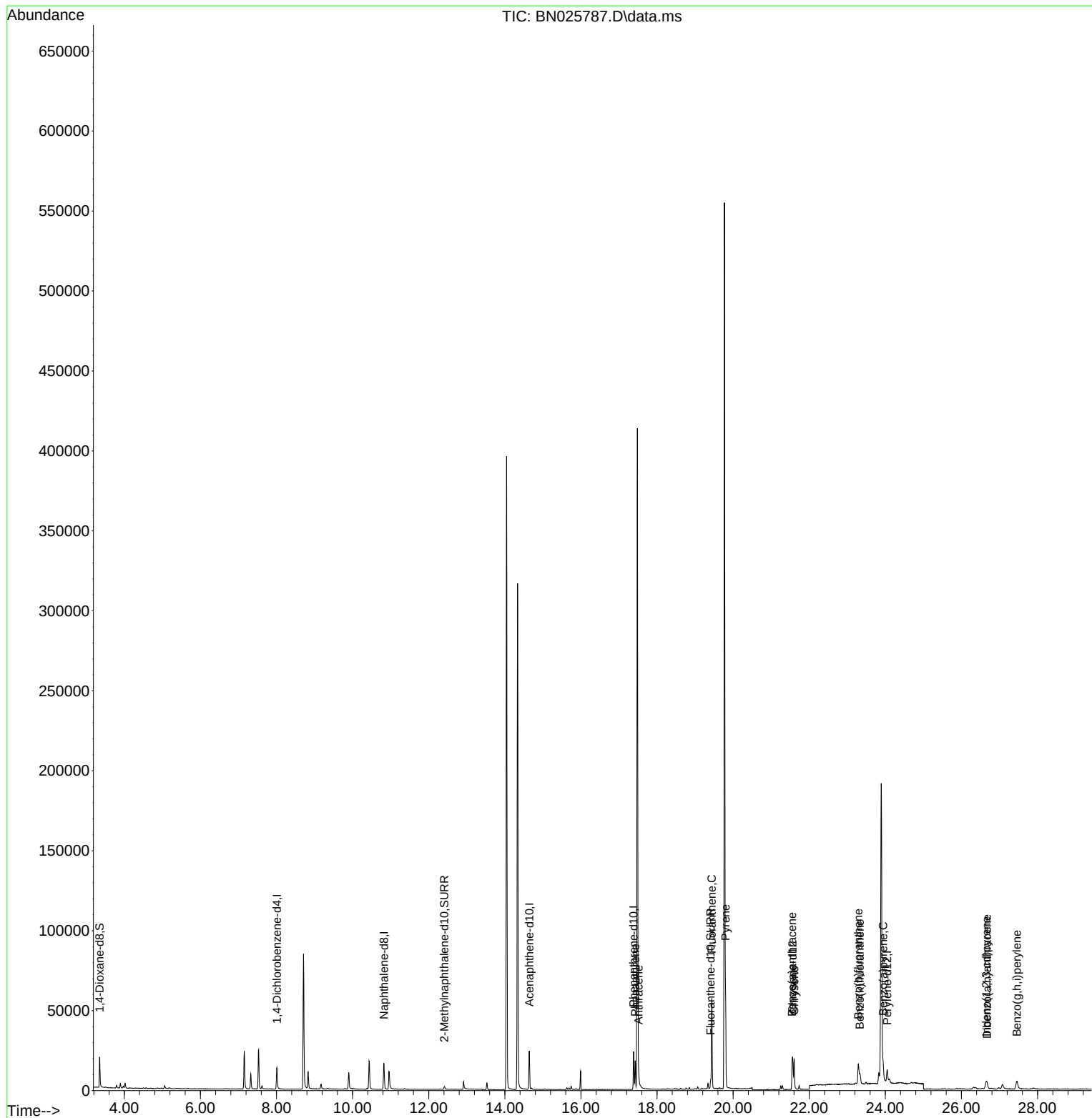
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
Data File : BN025787.D
Acq On : 12 Jun 2023 18:22
Operator : MA/JU
Sample : 02960-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

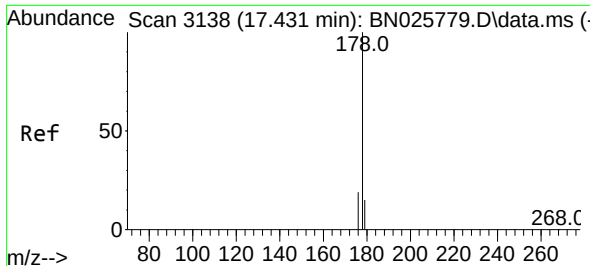
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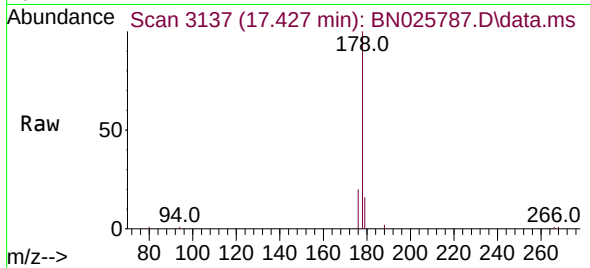
Quant Time: Jun 13 00:03:22 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.237 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BN025787.D
Acq: 12 Jun 2023 18:22

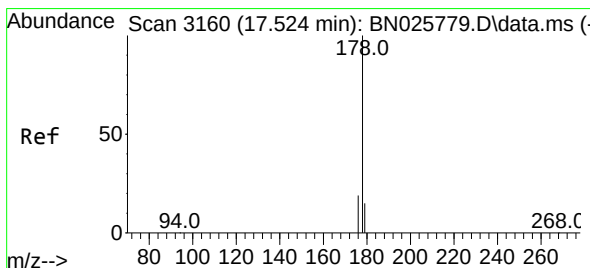
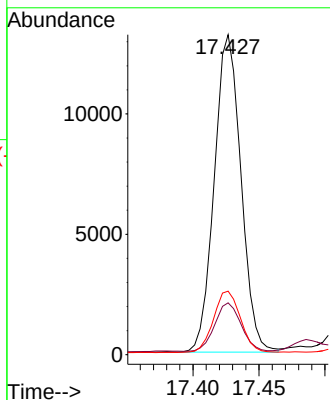
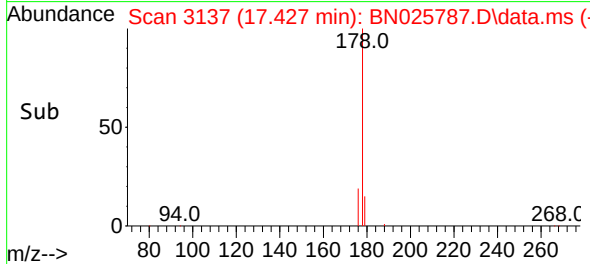
Instrument :
BNA_N
ClientSampleId :
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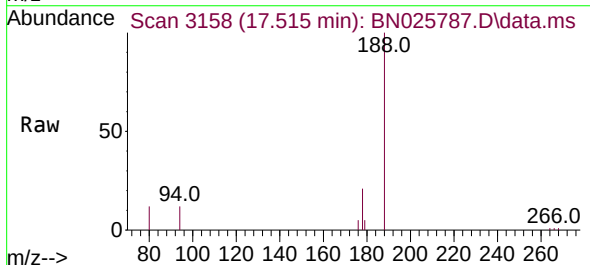
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Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.9 15.8 23.8

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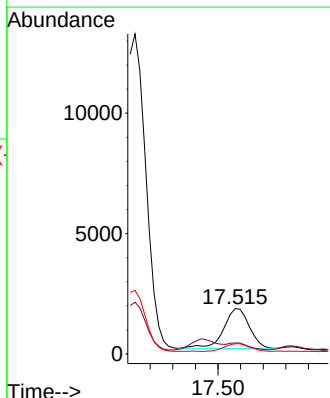
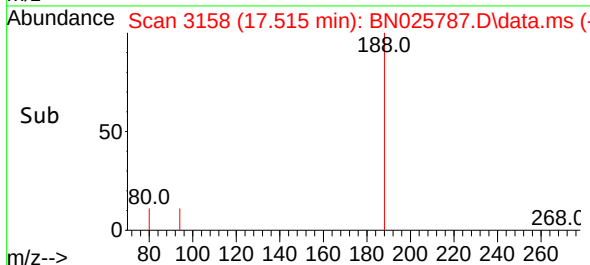
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

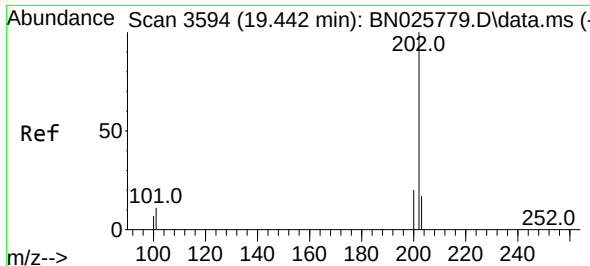


#16
Anthracene
Concen: 0.039 ng/ul
RT: 17.515 min Scan# 3158
Delta R.T. -0.009 min
Lab File: BN025787.D
Acq: 12 Jun 2023 18:22



Tgt Ion:178 Resp: 2607
Ion Ratio Lower Upper
178 100
179 24.5 12.6 19.0#
176 22.7 15.4 23.2





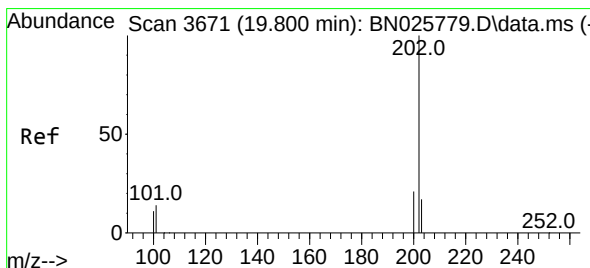
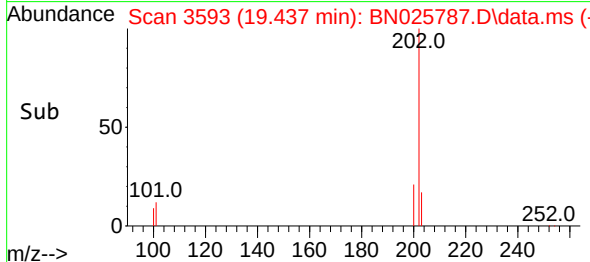
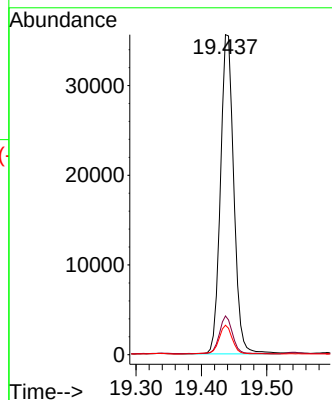
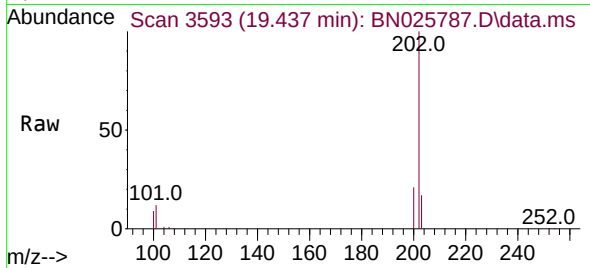
#19
Fluoranthene
Concen: 0.769 ng/u1
RT: 19.437 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BN025787.D
Acq: 12 Jun 2023 18:22

Instrument :
BNA_N
ClientSampleId :
H0FN5

Tgt Ion:202 Resp: 50500
Ion Ratio Lower Upper
202 100
101 12.1 9.1 13.7
100 9.2 7.0 10.6

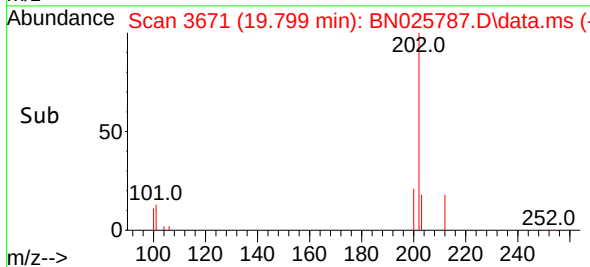
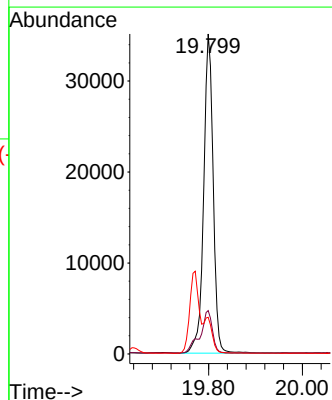
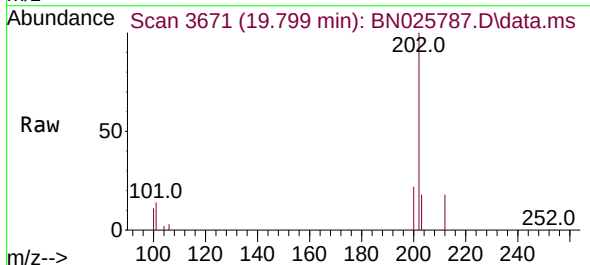
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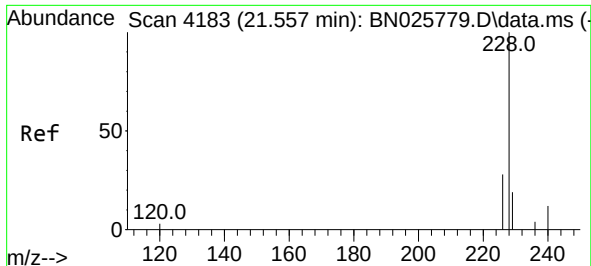
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#20
Pyrene
Concen: 0.727 ng/u1
RT: 19.799 min Scan# 3671
Delta R.T. -0.006 min
Lab File: BN025787.D
Acq: 12 Jun 2023 18:22

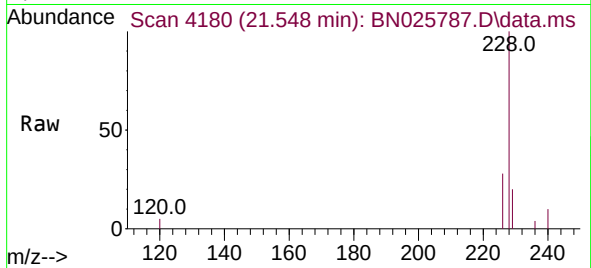
Tgt Ion:202 Resp: 49411
Ion Ratio Lower Upper
202 100
101 13.5 10.4 15.6
100 11.5 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.004 min
Lab File: BN025787.D
Acq: 12 Jun 2023 18:22

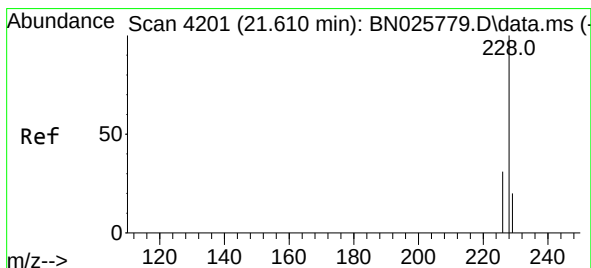
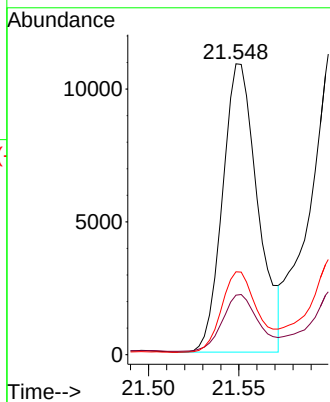
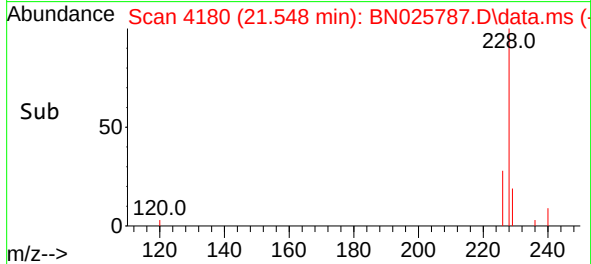
Instrument :
BNA_N
ClientSampleId :
H0FN5



Tgt Ion:228 Resp: 1472
Ion Ratio Lower Upper
228 100
229 20.5 15.5 23.3
226 28.5 22.0 33.0

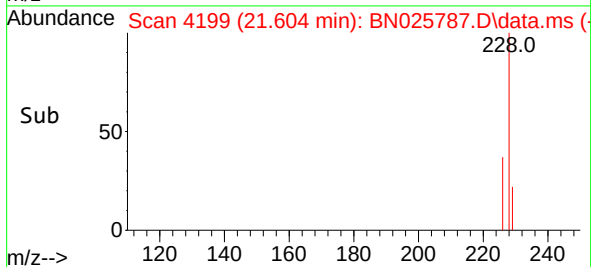
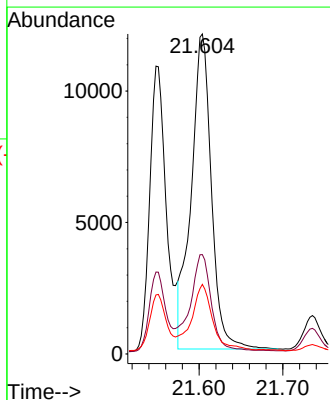
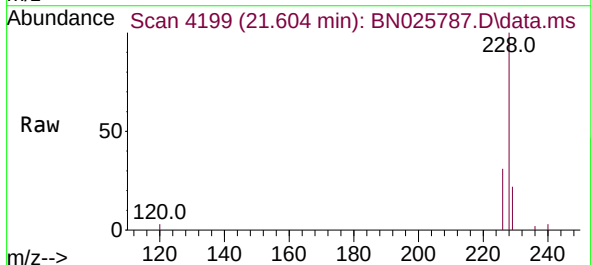
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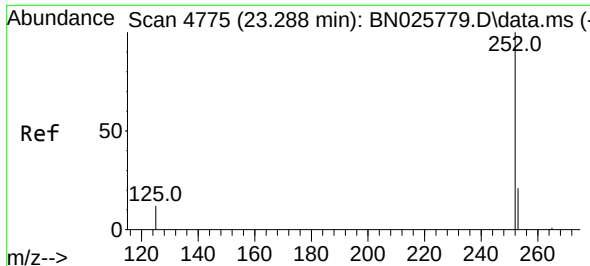
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.604 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BN025787.D
Acq: 12 Jun 2023 18:22

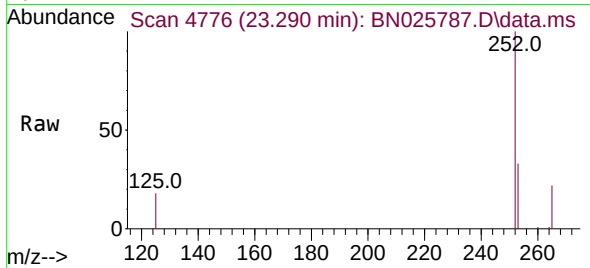
Tgt Ion:228 Resp: 20200
Ion Ratio Lower Upper
228 100
226 31.1 24.7 37.1
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.453 ng/ul m
RT: 23.290 min Scan# 4776
Delta R.T. -0.001 min
Lab File: BN025787.D
Acq: 12 Jun 2023 18:22

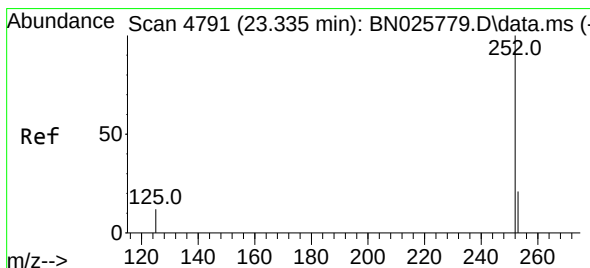
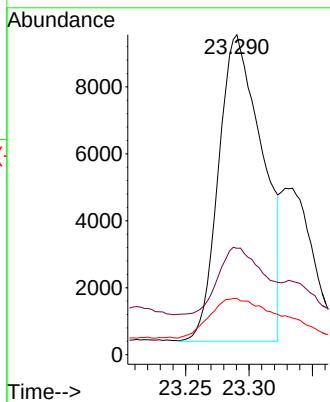
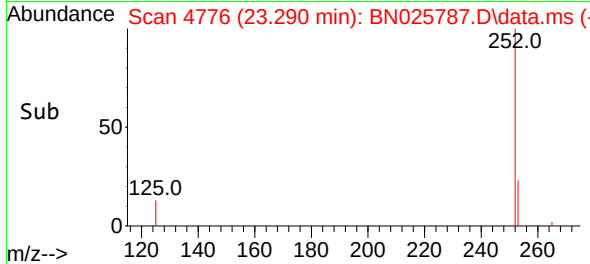
Instrument :
BNA_N
ClientSampleId :
H0FN5



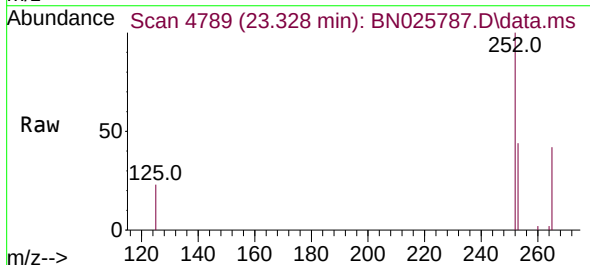
Tgt Ion:252 Resp: 2199
Ion Ratio Lower Upper
252 100
253 33.2 0.0 56.0
125 17.6 0.0 28.0

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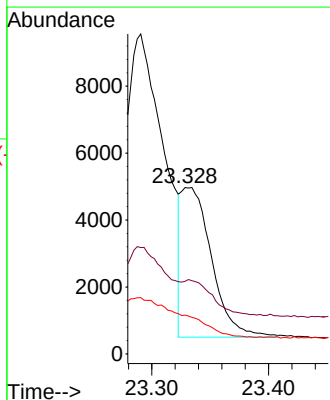
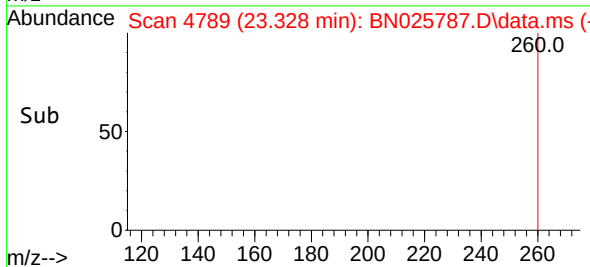
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

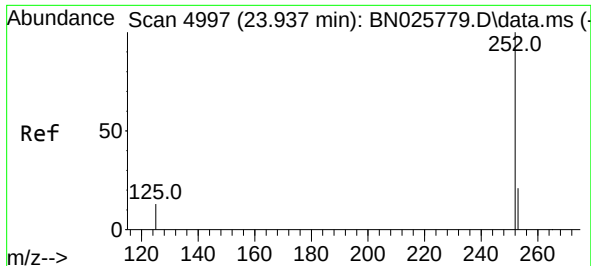


#25
Benzo(k)fluoranthene
Concen: 0.166 ng/ul m
RT: 23.328 min Scan# 4789
Delta R.T. -0.013 min
Lab File: BN025787.D
Acq: 12 Jun 2023 18:22



Tgt Ion:252 Resp: 8068
Ion Ratio Lower Upper
252 100
253 43.7 23.3 34.9#
125 23.4 11.6 17.4#





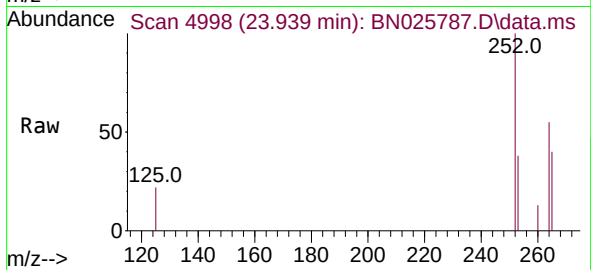
#26
Benzo(a)pyrene
Concen: 0.342 ng/ul
RT: 23.939 min Scan# 4997
Delta R.T. -0.004 min
Lab File: BN025787.D
Acq: 12 Jun 2023 18:22

Instrument :

BNA_N

ClientSampleId :

H0FN5

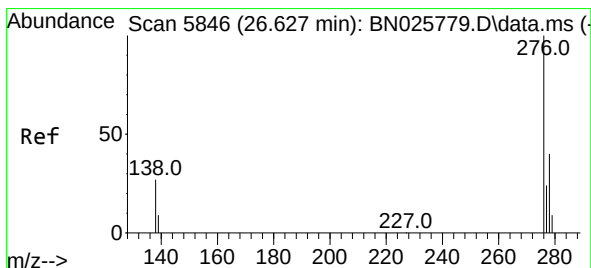
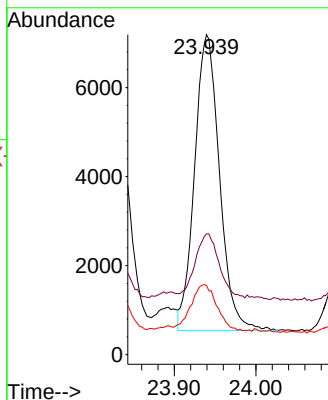
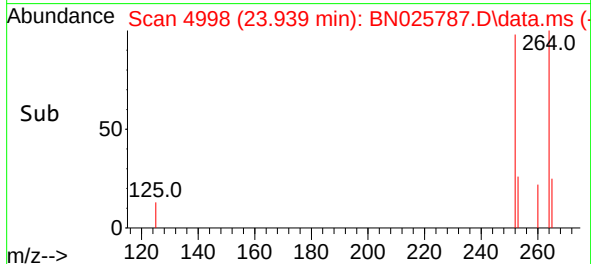


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Ion Ratio Lower Upper
252 100
253 37.8 25.8 38.8
125 21.7 13.5 20.3

Manual Integrations

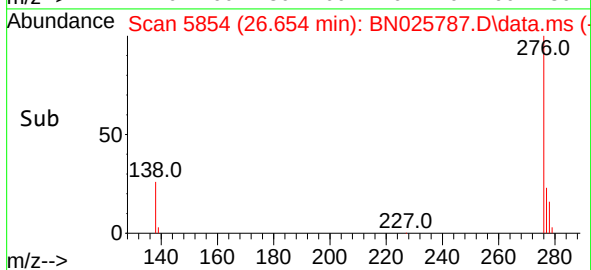
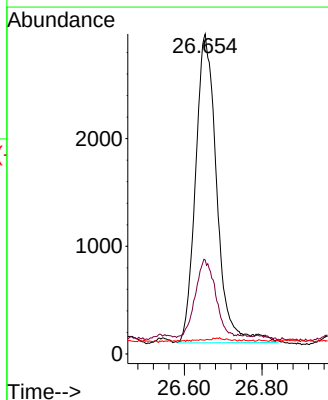
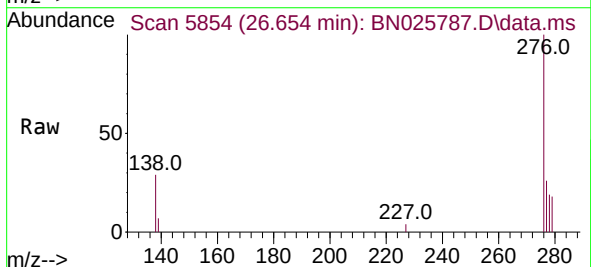
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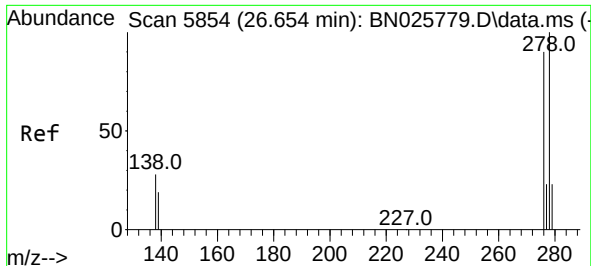
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.231 ng/ul
RT: 26.654 min Scan# 5854
Delta R.T. -0.004 min
Lab File: BN025787.D
Acq: 12 Jun 2023 18:22

Tgt Ion:276 Resp: 10870
Ion Ratio Lower Upper
276 100
138 26.5 24.6 36.8
227 0.1 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.066 ng/ul

RT: 26.677 min Scan# 5861

Delta R.T. -0.008 min

Lab File: BN025787.D

Acq: 12 Jun 2023 18:22

Instrument :

BNA_N

ClientSampleId :

H0FN5

Tgt Ion:278 Resp: 234

Ion Ratio Lower Upper

278 100

139 33.3 17.9 26.9

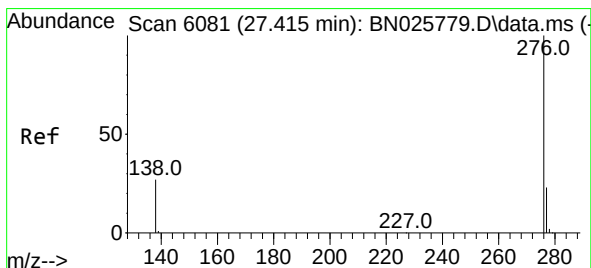
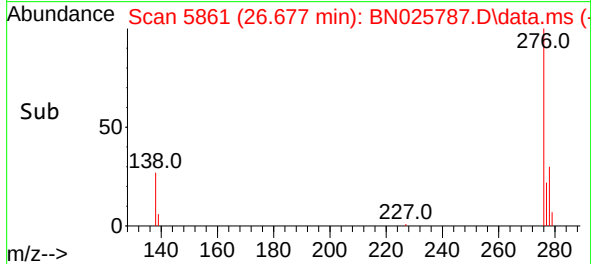
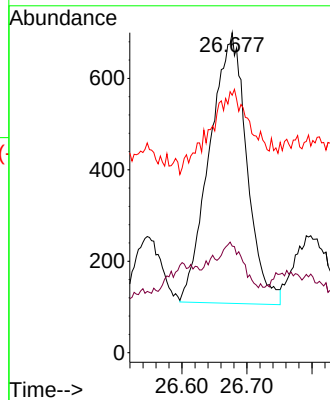
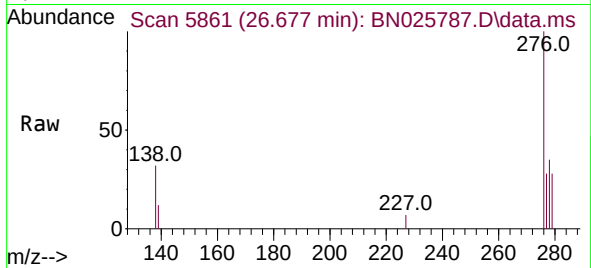
279 80.4 25.3 37.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#29

Benzo(g,h,i)perylene

Concen: 0.276 ng/ul

RT: 27.459 min Scan# 6094

Delta R.T. 0.010 min

Lab File: BN025787.D

Acq: 12 Jun 2023 18:22

Tgt Ion:276 Resp: 11617

Ion Ratio Lower Upper

276 100

138 30.3 21.8 32.8

277 26.5 19.4 29.2

