

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032051.D
 Acq On : 18 Jun 2024 19:06
 Operator : MA/JU
 Sample : P2696-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BN9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 22:55:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 14:06:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	11266	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	40737	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	26783	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.041	188	61409	0.400	ng/ul	0.00
17) Chrysene-d12	21.235	240	47412	0.400	ng/ul	0.00
23) Perylene-d12	23.459	264	37375m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	33229	2.751	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.026	152	11360	0.172	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	29371	0.205	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.079	178	27594	0.159	ng/ul	99
16) Anthracene	17.172	178	4201	0.027	ng/ul#	91
19) Fluoranthene	19.101	202	60983	0.349	ng/ul	98
20) Pyrene	19.468	202	50036m	0.274	ng/ul	
21) Benzo(a)anthracene	21.220	228	24503	0.135	ng/ul	96
22) Chrysene	21.273	228	27999	0.154	ng/ul	96
24) Benzo(b)fluoranthene	22.792	252	36610m	0.223	ng/ul	
25) Benzo(k)fluoranthene	22.830	252	15387m	0.098	ng/ul	
26) Benzo(a)pyrene	23.362	252	19395	0.166	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.703	276	16554	0.105	ng/ul	96
28) Dibenzo(a,h)anthracene	25.713	278	4762	0.039	ng/ul#	55
29) Benzo(g,h,i)perylene	26.394	276	15566	0.124	ng/ul	91

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

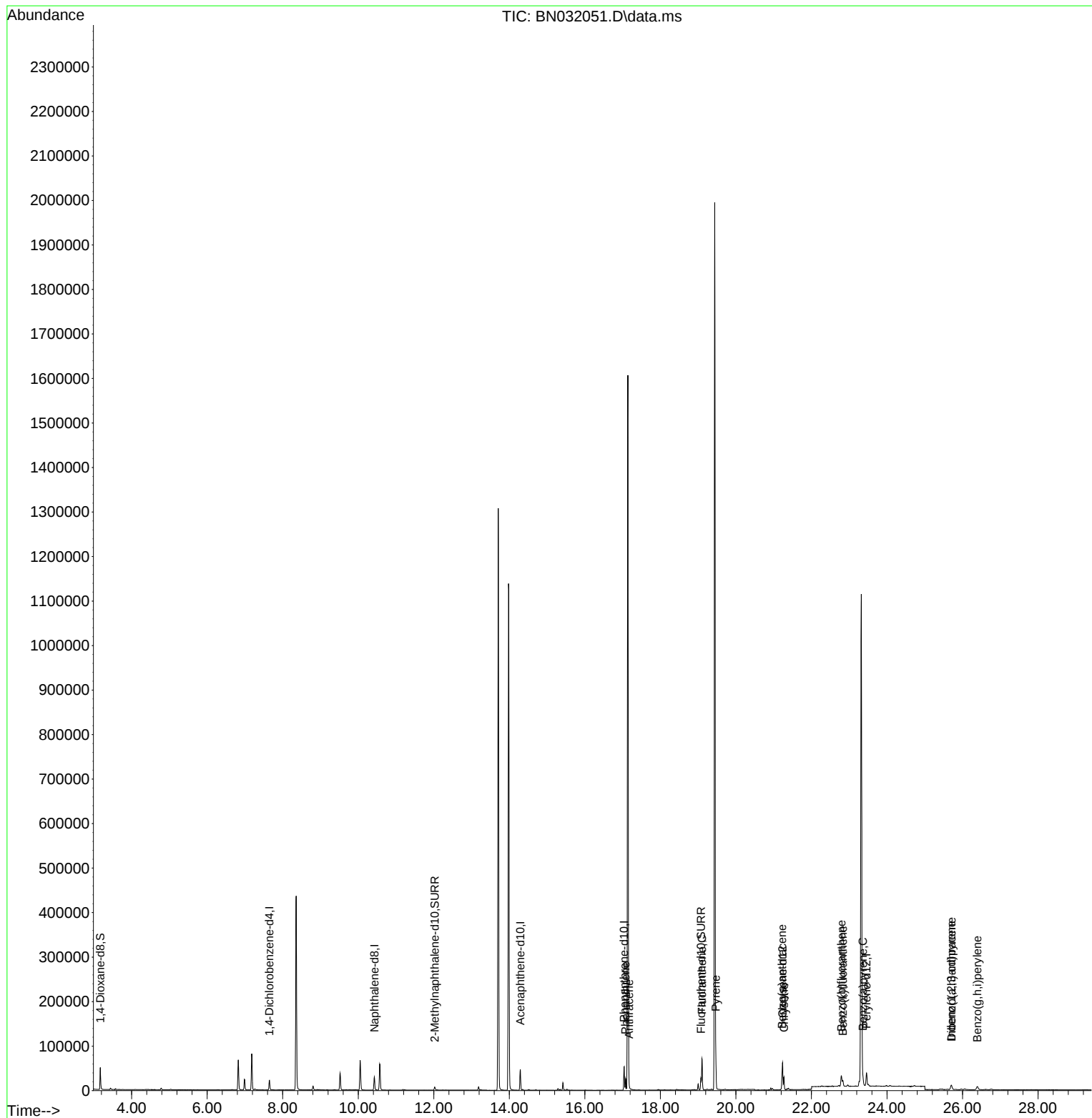
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032051.D
Acq On : 18 Jun 2024 19:06
Operator : MA/JU
Sample : P2696-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

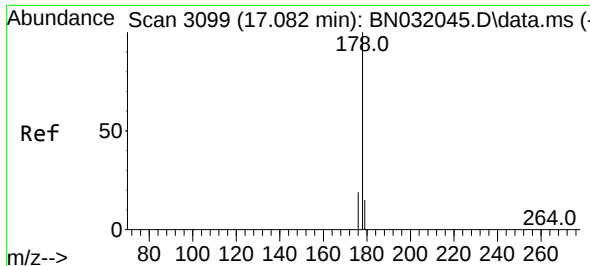
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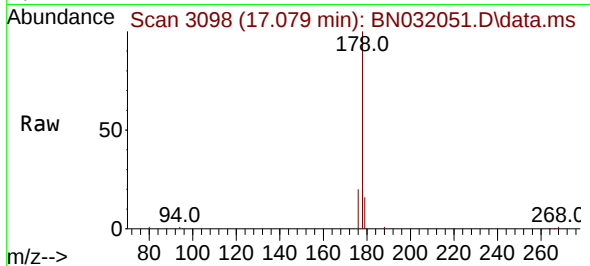
Quant Time: Jun 18 22:55:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 14:06:13 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.159 ng/u1
RT: 17.079 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BN032051.D
Acq: 18 Jun 2024 19:06

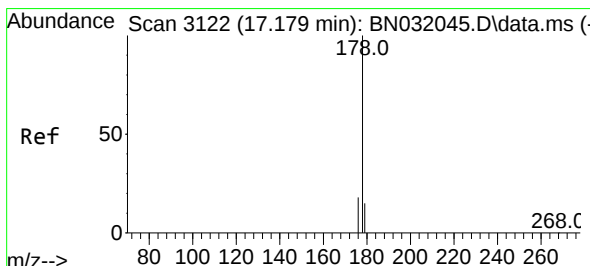
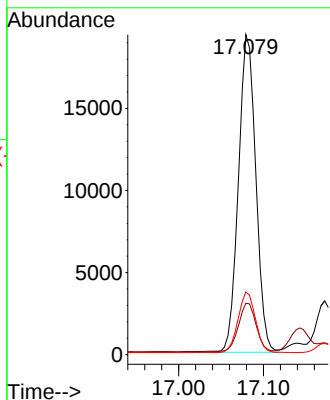
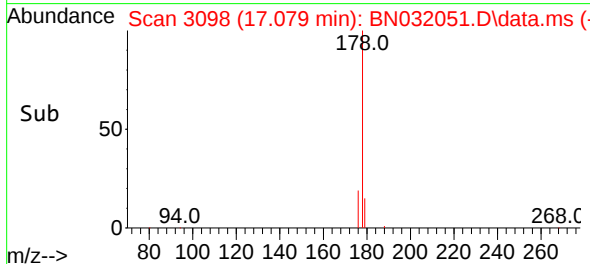
Instrument :
BNA_N
ClientSampleId :
A4BN9



Tgt Ion:178 Resp: 27594
Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 19.6 15.3 22.9

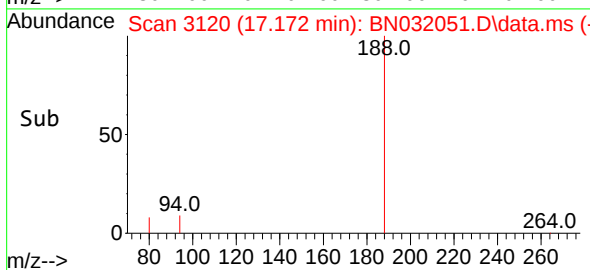
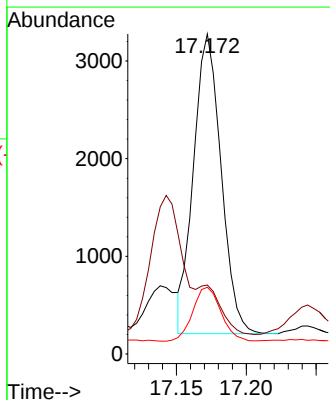
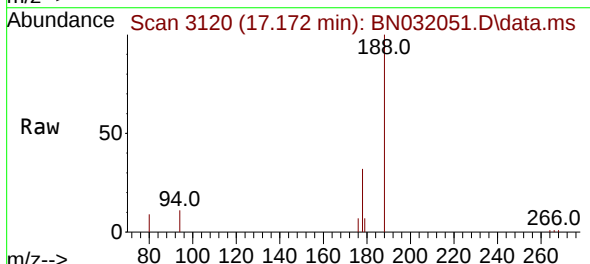
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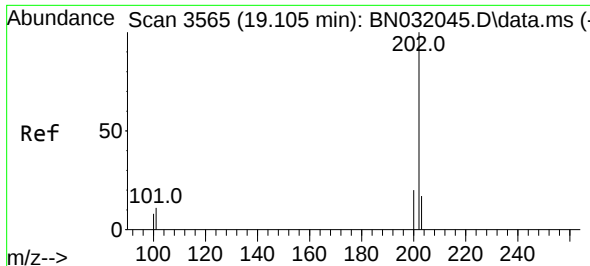
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 0.027 ng/u1
RT: 17.172 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN032051.D
Acq: 18 Jun 2024 19:06

Tgt Ion:178 Resp: 4201
Ion Ratio Lower Upper
178 100
179 21.6 12.7 19.1#
176 20.9 14.8 22.2





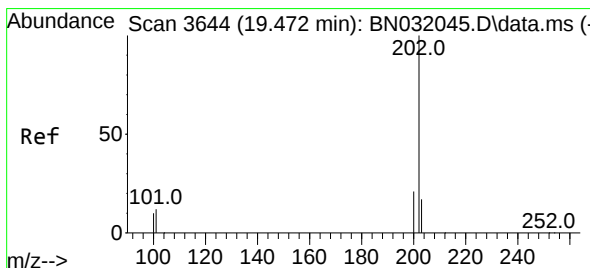
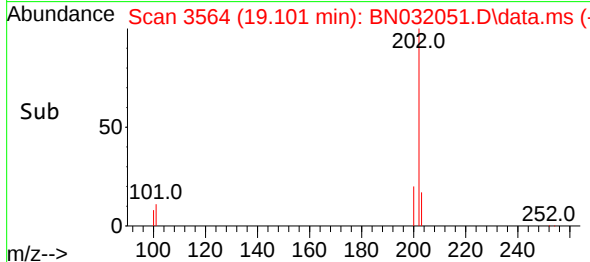
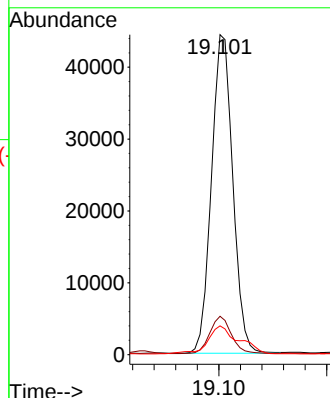
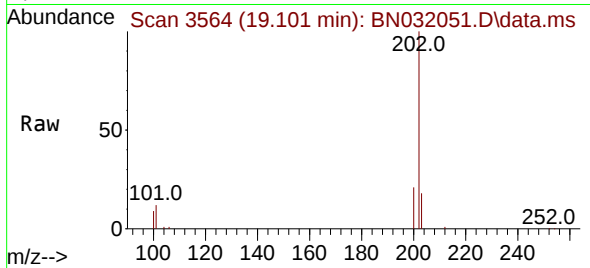
#19
Fluoranthene
Concen: 0.349 ng/ul
RT: 19.101 min Scan# 3564
Delta R.T. -0.005 min
Lab File: BN032051.D
Acq: 18 Jun 2024 19:06

Instrument :
BNA_N
ClientSampleId :
A4BN9

Tgt Ion:202 Resp: 6098
Ion Ratio Lower Upper
202 100
101 12.0 8.8 13.2
100 9.0 6.6 9.8

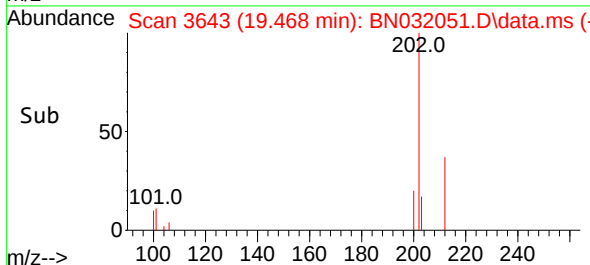
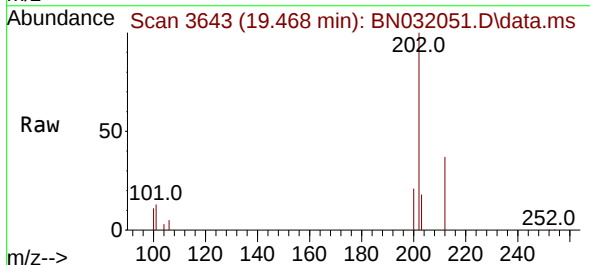
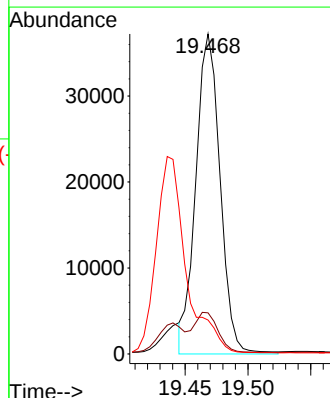
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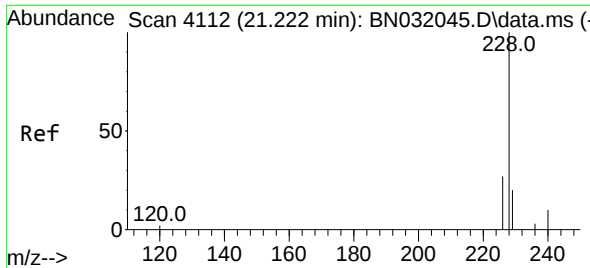
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#20
Pyrene
Concen: 0.274 ng/ul m
RT: 19.468 min Scan# 3643
Delta R.T. 0.000 min
Lab File: BN032051.D
Acq: 18 Jun 2024 19:06

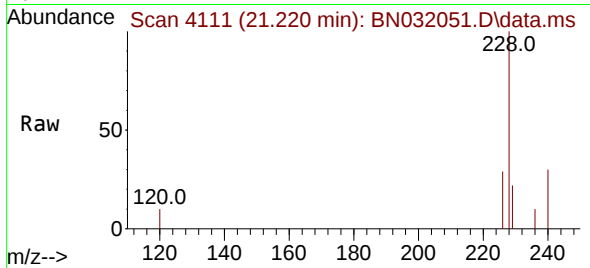
Tgt Ion:202 Resp: 50036
Ion Ratio Lower Upper
202 100
101 12.9 10.5 15.7
100 10.6 8.6 12.8





#21
Benzo(a)anthracene
Concen: 0.135 ng/ul
RT: 21.220 min Scan# 4112
Delta R.T. -0.003 min
Lab File: BN032051.D
Acq: 18 Jun 2024 19:06

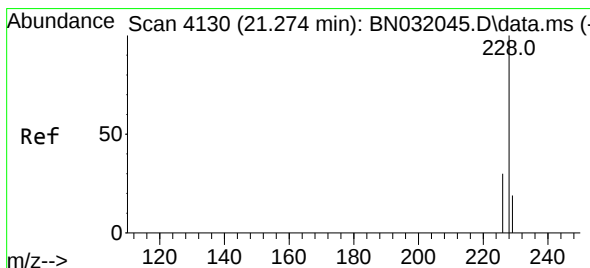
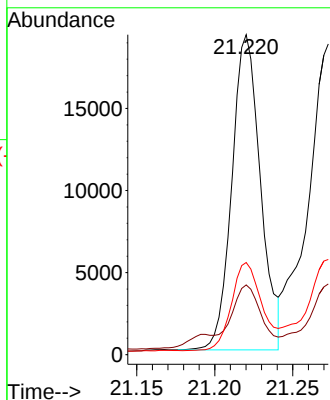
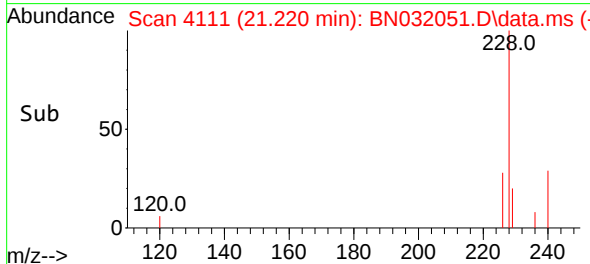
Instrument :
BNA_N
ClientSampleId :
A4BN9



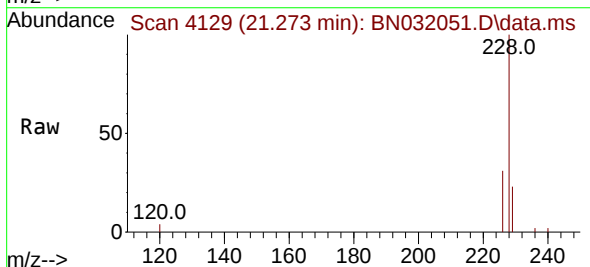
Tgt Ion:228 Resp: 2450
Ion Ratio Lower Upper
228 100
229 21.8 15.7 23.5
226 28.8 21.7 32.5

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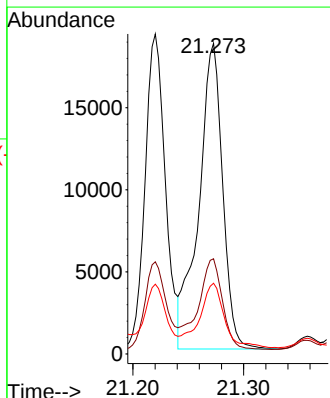
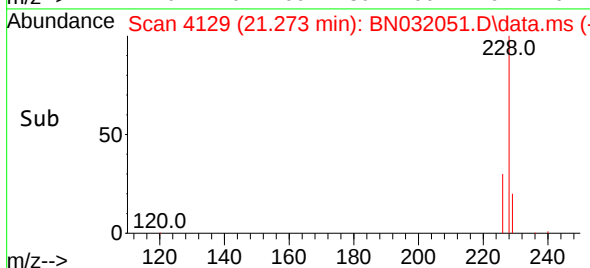
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

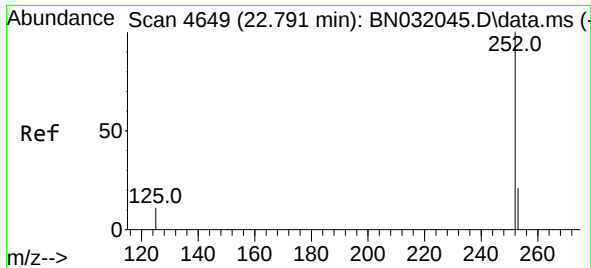


#22
Chrysene
Concen: 0.154 ng/ul
RT: 21.273 min Scan# 4129
Delta R.T. -0.003 min
Lab File: BN032051.D
Acq: 18 Jun 2024 19:06



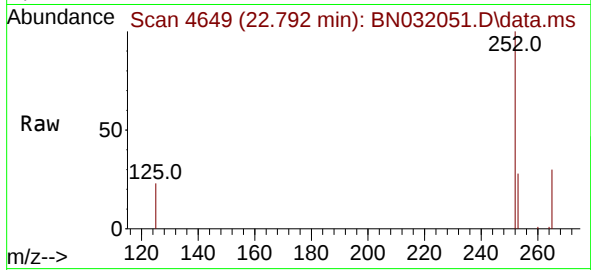
Tgt Ion:228 Resp: 27999
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 22.8 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.223 ng/ul m
RT: 22.792 min Scan# 4649
Delta R.T. 0.000 min
Lab File: BN032051.D
Acq: 18 Jun 2024 19:06

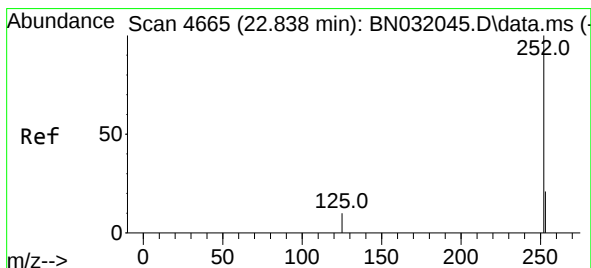
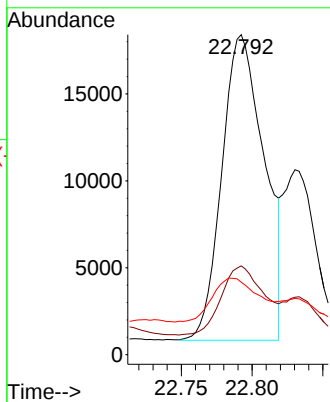
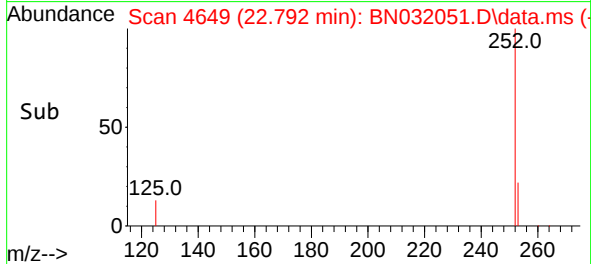
Instrument :
BNA_N
ClientSampleId :
A4BN9



Tgt Ion:252 Resp: 36610
Ion Ratio Lower Upper
252 100
253 27.8 0.0 47.4
125 22.6 0.0 28.8

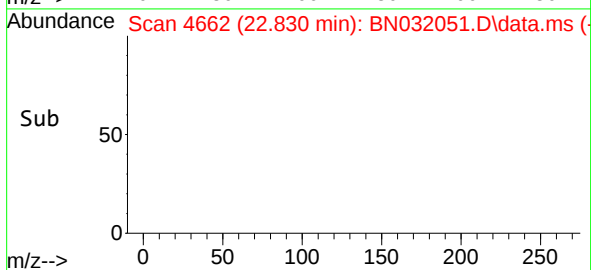
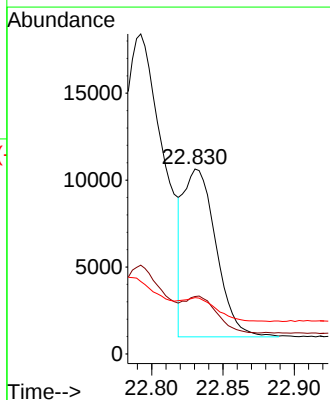
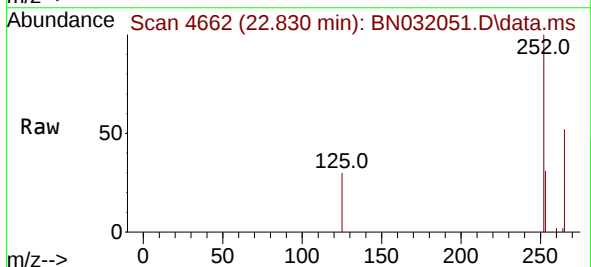
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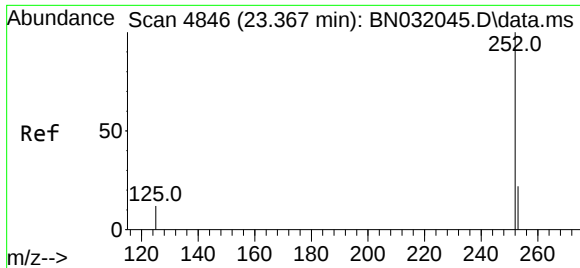
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 22.830 min Scan# 4662
Delta R.T. -0.006 min
Lab File: BN032051.D
Acq: 18 Jun 2024 19:06

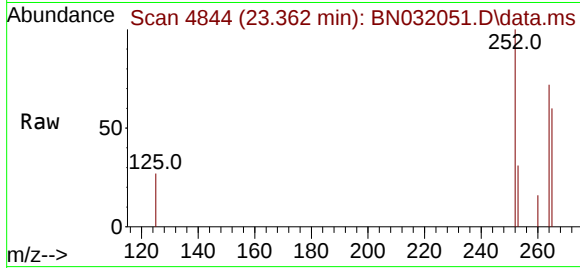
Tgt Ion:252 Resp: 15387
Ion Ratio Lower Upper
252 100
253 31.1 18.8 28.2#
125 30.4 11.1 16.7#





#26
Benzo(a)pyrene
Concen: 0.166 ng/ul
RT: 23.362 min Scan# 4846
Delta R.T. -0.003 min
Lab File: BN032051.D
Acq: 18 Jun 2024 19:06

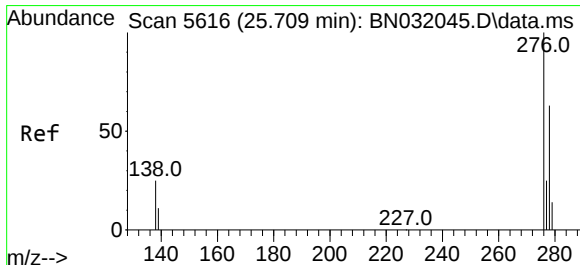
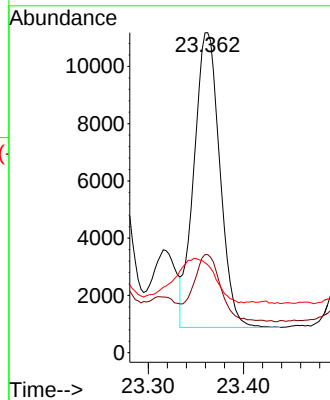
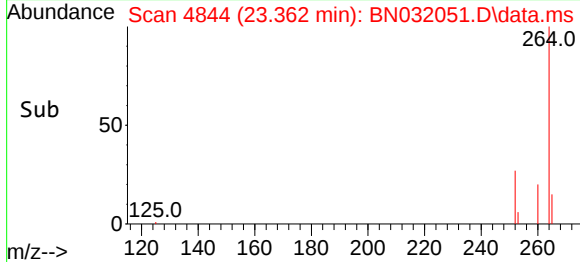
Instrument :
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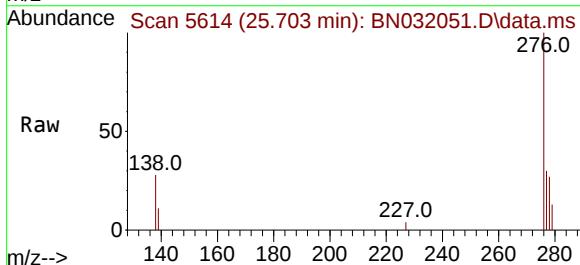
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Ion Ratio Lower Upper
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253 30.7 19.9 29.9
125 27.5 13.5 20.3

Manual Integrations
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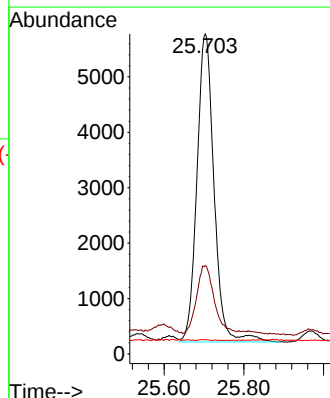
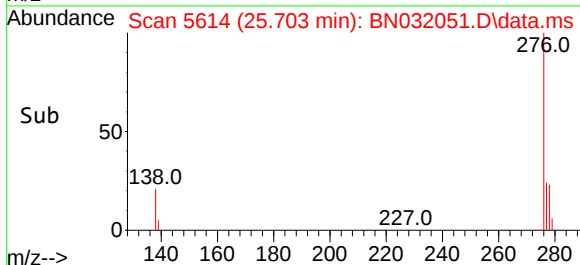
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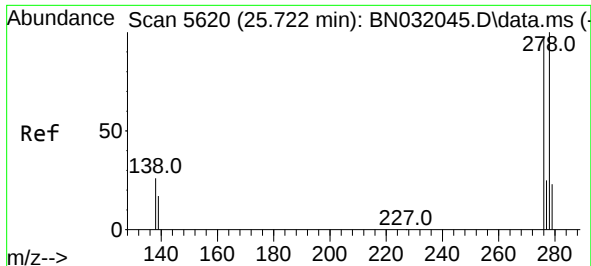


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng/ul
RT: 25.703 min Scan# 5614
Delta R.T. -0.003 min
Lab File: BN032051.D
Acq: 18 Jun 2024 19:06



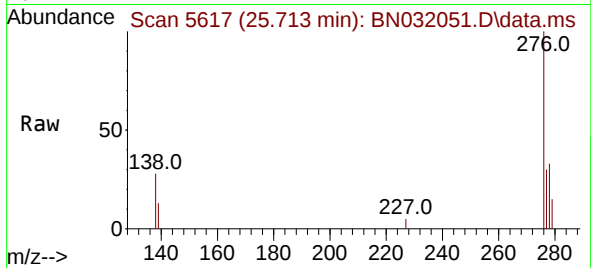
Tgt Ion:276 Resp: 16554
Ion Ratio Lower Upper
276 100
138 24.3 21.0 31.4
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.039 ng/ul
RT: 25.713 min Scan# 5617
Delta R.T. -0.010 min
Lab File: BN032051.D
Acq: 18 Jun 2024 19:06

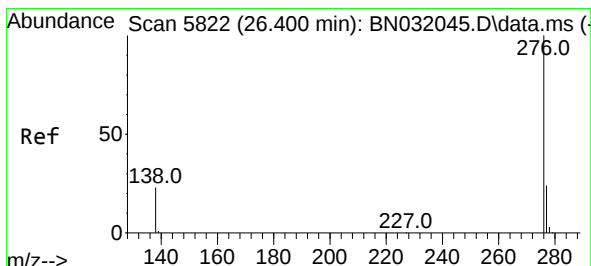
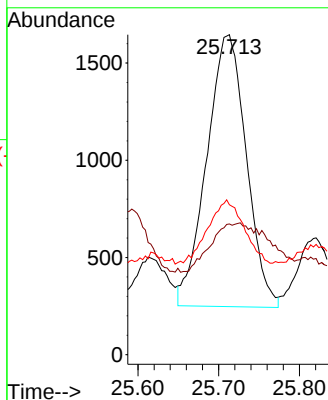
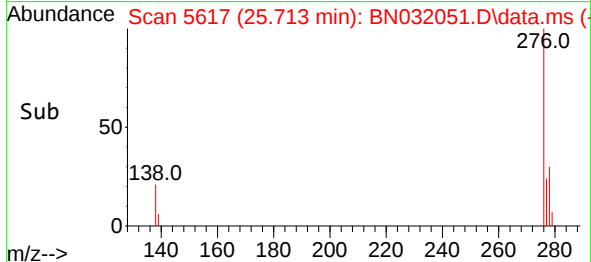
Instrument :
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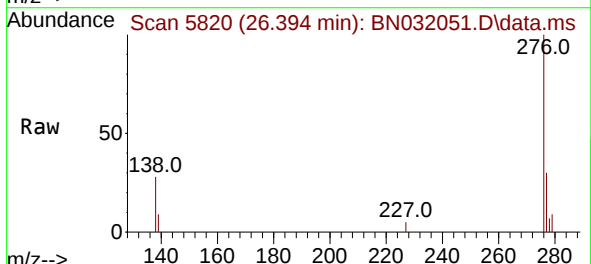
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Ion Ratio Lower Upper
278 100
139 40.9 14.9 22.3
279 46.8 20.6 31.0

Manual Integrations
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Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 26.394 min Scan# 5820
Delta R.T. -0.003 min
Lab File: BN032051.D
Acq: 18 Jun 2024 19:06



Tgt Ion:276 Resp: 15566
Ion Ratio Lower Upper
276 100
138 28.4 19.0 28.4
277 29.5 20.4 30.6

