

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
 Data File : BN026657.D
 Acq On : 22 Jul 2023 16:42
 Operator : MA/JU
 Sample : 03472-22DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46R3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Supervised By :mohammad
 ahmed
 07/24/2023

Quant Time: Jul 22 23:09:44 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 19:02:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	3028	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.630	136	10206	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.472	164	6071	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	14380	0.400	ng/ul	0.00
17) Chrysene-d12	21.416	240	7722	0.400	ng/ul	0.00
23) Perylene-d12	23.787	264	8573	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	1840	0.461	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	852	0.061	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	2270	0.085	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.189	152	664	0.022	ng/ul#	64
12) Fluorene	15.522	166	714	0.030	ng/ul#	93
15) Phenanthrene	17.257	178	8393	0.183	ng/ul	99
16) Anthracene	17.350	178	1158	0.029	ng/ul#	81
19) Fluoranthene	19.278	202	14601	0.403	ng/ul#	97
20) Pyrene	19.641	202	14617	0.372	ng/ul#	92
21) Benzo(a)anthracene	21.402	228	5847	0.206	ng/ul#	90
22) Chrysene	21.454	228	5861	0.181	ng/ul#	88
24) Benzo(b)fluoranthene	23.068	252	7766m	0.233	ng/ul	
25) Benzo(k)fluoranthene	23.109	252	3238m	0.092	ng/ul	
26) Benzo(a)pyrene	23.682	252	5214	0.175	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.247	276	4058	0.104	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.247	278	902	0.030	ng/ul#	1
29) Benzo(g,h,i)perylene	27.009	276	4203	0.122	ng/ul#	87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026657.D
Acq On : 22 Jul 2023 16:42
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Sample : 03472-22DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

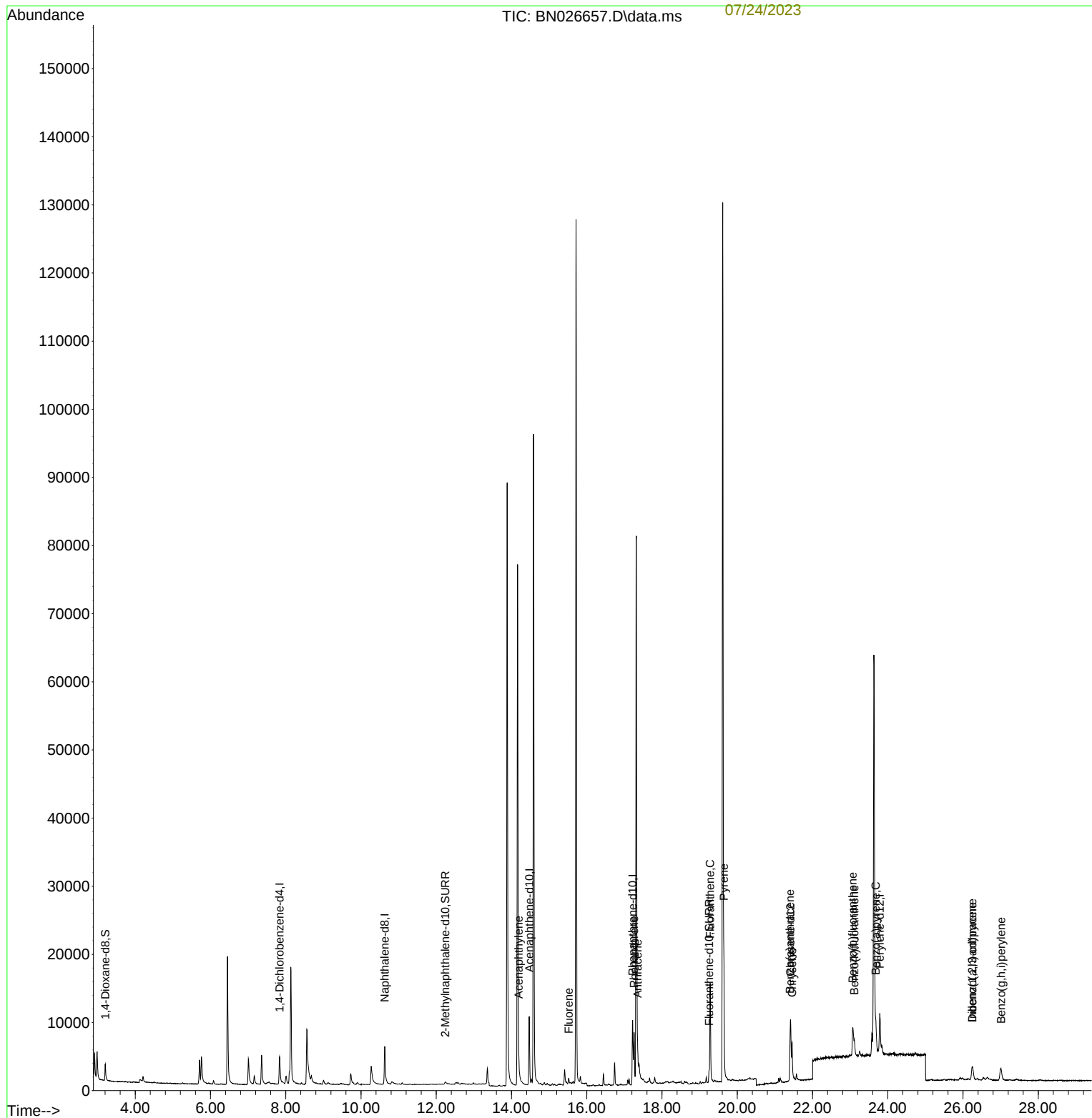
Instrument :
BNA_N
ClientSampleId :
A46R3DL

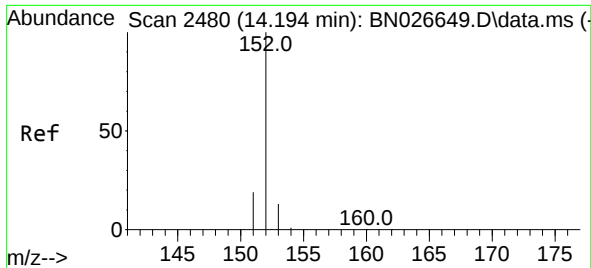
Manual Integrations
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ahmed
07/24/2023

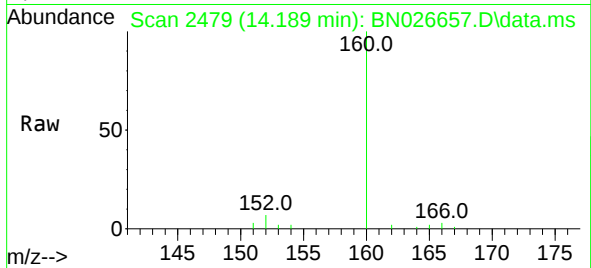
Quant Time: Jul 22 23:09:44 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.189 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN026657.D
Acq: 22 Jul 2023 16:42

Instrument :
BNA_N
ClientSampleId :
A46R3DL

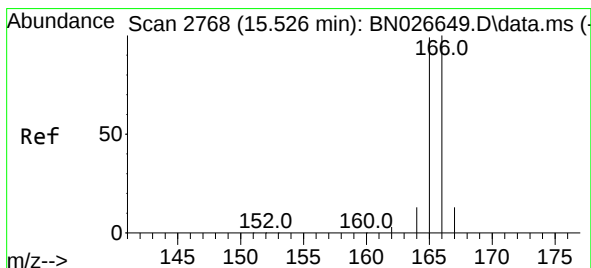
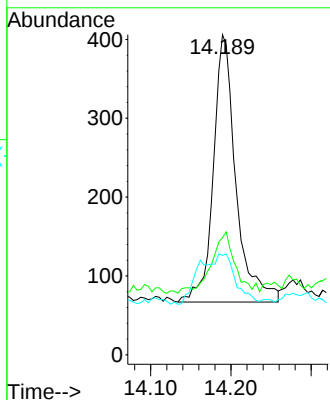


Tgt Ion:152 Resp: 664
Ion Ratio Lower Upper
152 100
151 36.7 17.0 25.6
153 31.0 11.4 17.2

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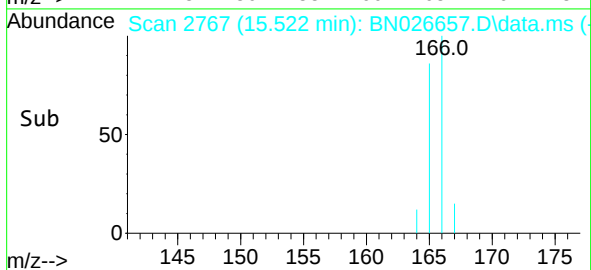
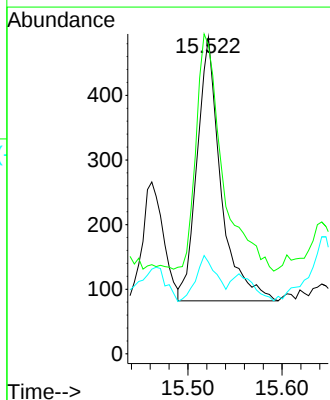
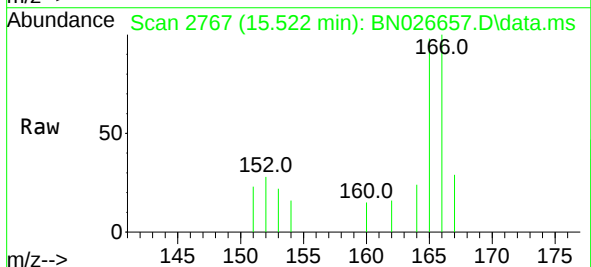
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Supervised By :mohammad ahmed 07/24/2023

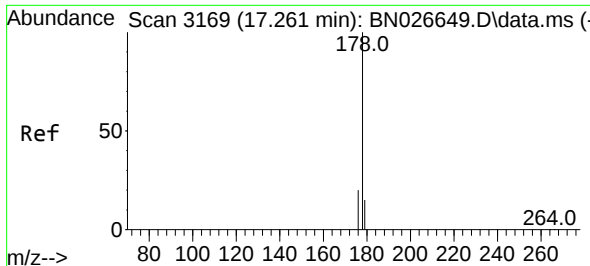
Supervised By :mohammad
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07/24/2023



#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.522 min Scan# 2767
Delta R.T. -0.009 min
Lab File: BN026657.D
Acq: 22 Jul 2023 16:42

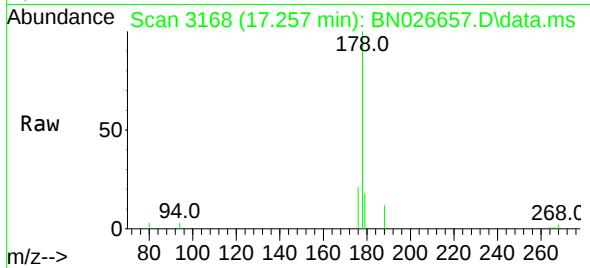
Tgt Ion:166 Resp: 714
Ion Ratio Lower Upper
166 100
165 97.6 80.6 120.8
167 29.0 12.0 18.0





#15
Phenanthrene
Concen: 0.183 ng/ul
RT: 17.257 min Scan# 3169
Delta R.T. -0.008 min
Lab File: BN026657.D
Acq: 22 Jul 2023 16:42

Instrument :
BNA_N
ClientSampleId :
A46R3DL

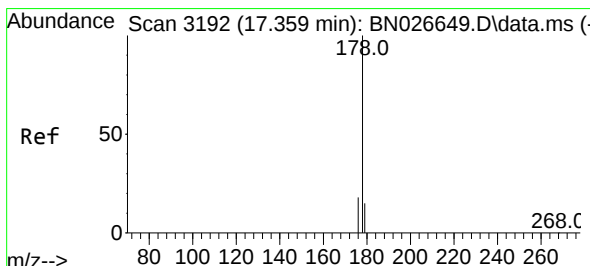
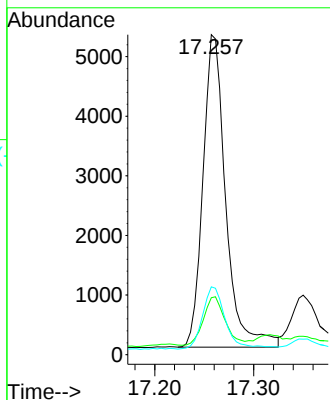
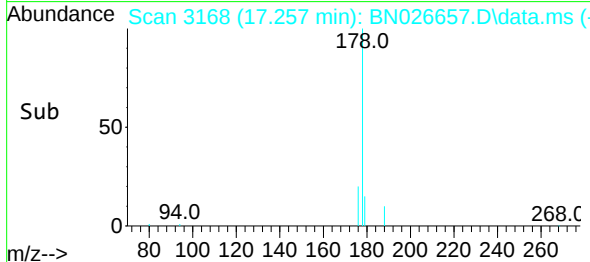


Tgt Ion:178 Resp: 839
Ion Ratio Lower Upper
178 100
179 17.8 13.7 20.5
176 21.2 16.5 24.7

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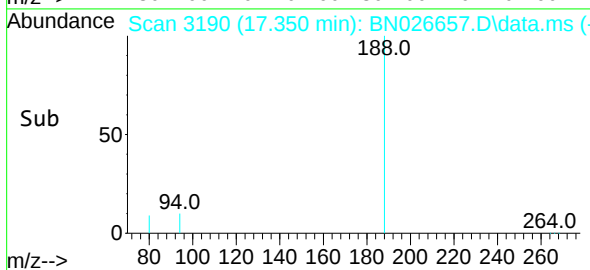
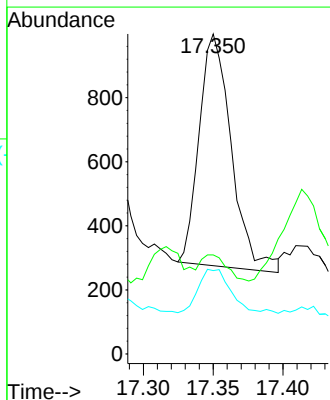
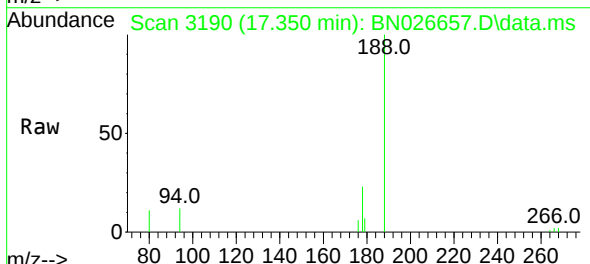
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Supervised By :mohammad ahmed 07/24/2023

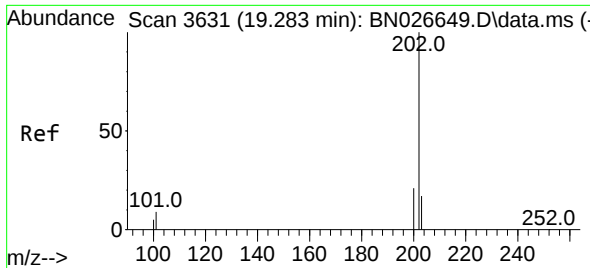
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07/24/2023



#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.350 min Scan# 3190
Delta R.T. -0.013 min
Lab File: BN026657.D
Acq: 22 Jul 2023 16:42

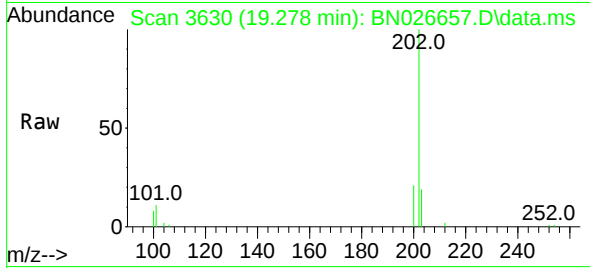
Tgt Ion:178 Resp: 1158
Ion Ratio Lower Upper
178 100
179 30.9 14.8 22.2#
176 26.0 16.6 25.0#





#19
Fluoranthene
Concen: 0.403 ng/u1
RT: 19.278 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026657.D
Acq: 22 Jul 2023 16:42

Instrument :
BNA_N
ClientSampleId :
A46R3DL

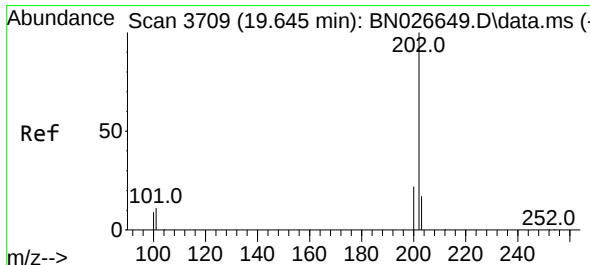
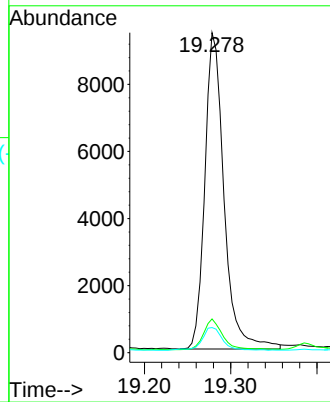
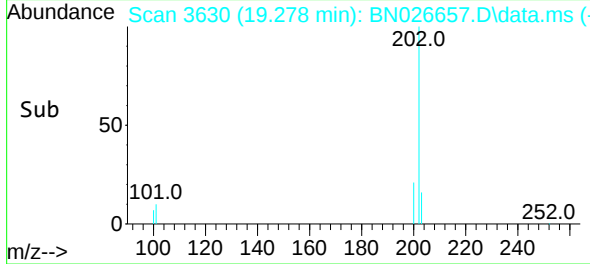


Tgt Ion:202 Resp: 1460
Ion Ratio Lower Upper
202 100
101 10.6 7.0 10.4#
100 7.9 6.0 9.0

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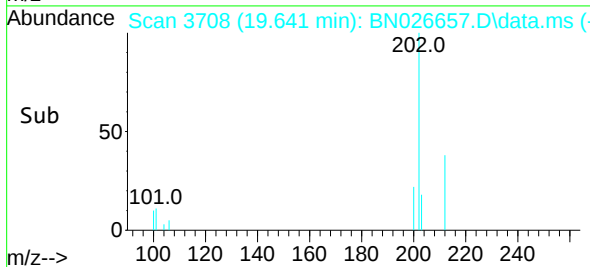
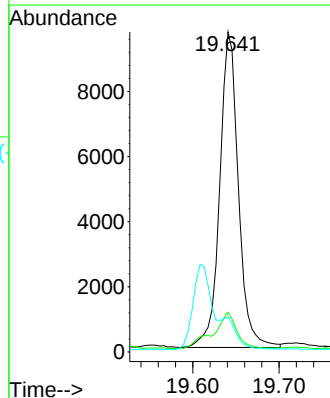
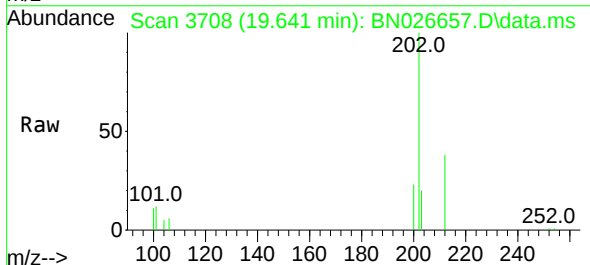
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Supervised By :mohammad ahmed 07/24/2023

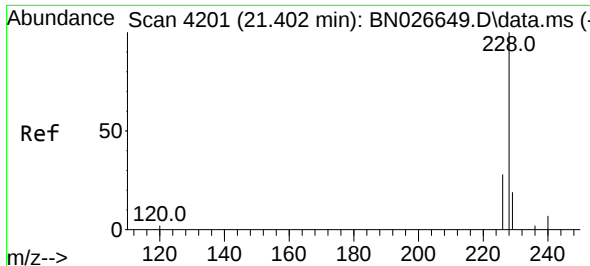
Supervised By :mohammad
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#20
Pyrene
Concen: 0.372 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026657.D
Acq: 22 Jul 2023 16:42

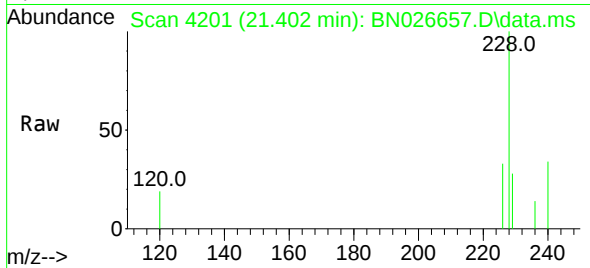
Tgt Ion:202 Resp: 14617
Ion Ratio Lower Upper
202 100
101 12.4 8.0 12.0#
100 10.9 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.206 ng/ul
RT: 21.402 min Scan# 4201
Delta R.T. -0.009 min
Lab File: BN026657.D
Acq: 22 Jul 2023 16:42

Instrument :
BNA_N
ClientSampleId :
A46R3DL

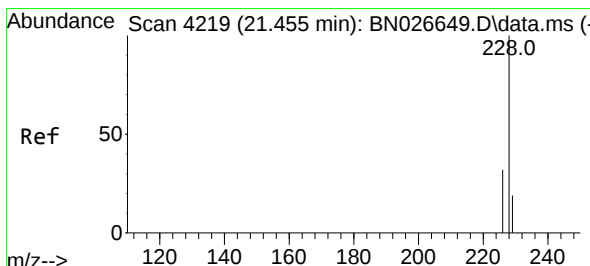
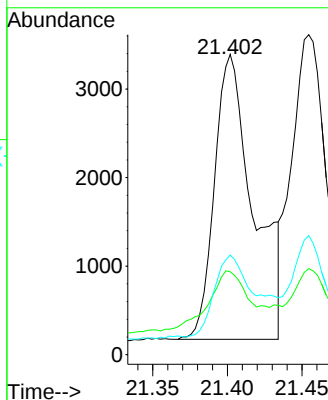
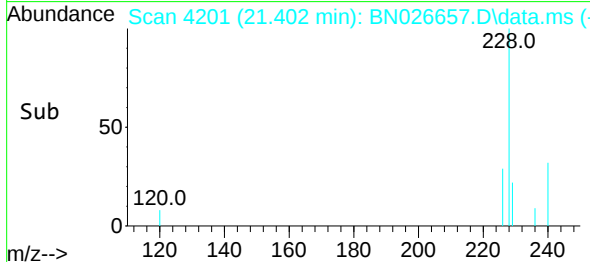


Tgt Ion:228 Resp: 5841
Ion Ratio Lower Upper
228 100
229 27.6 16.7 25.1
226 33.2 23.5 35.3

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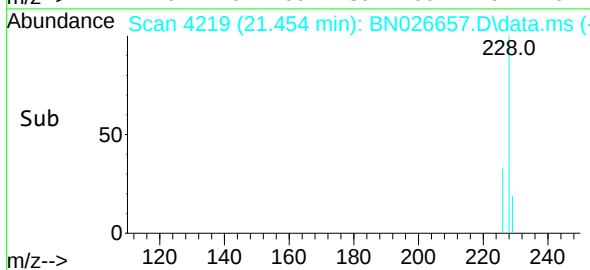
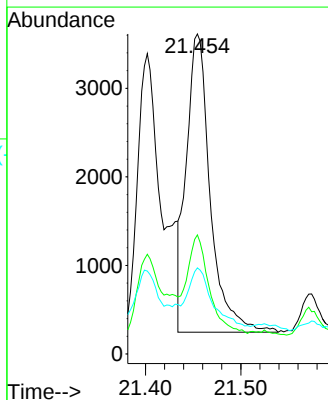
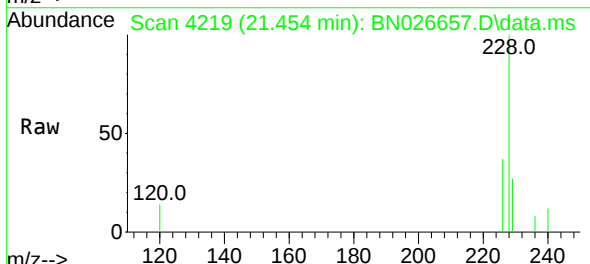
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

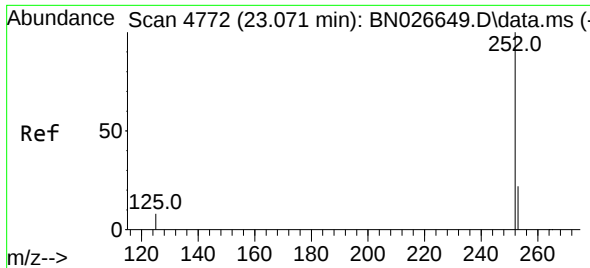
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#22
Chrysene
Concen: 0.181 ng/ul
RT: 21.454 min Scan# 4219
Delta R.T. -0.009 min
Lab File: BN026657.D
Acq: 22 Jul 2023 16:42

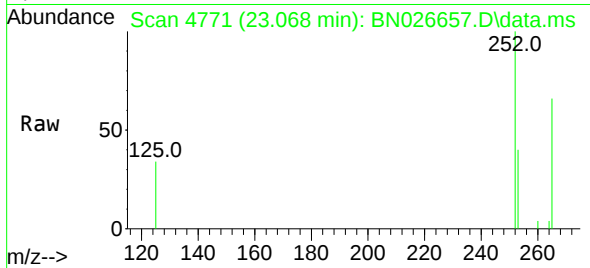
Tgt Ion:228 Resp: 5861
Ion Ratio Lower Upper
228 100
226 37.2 25.2 37.8
229 26.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.233 ng/ul m
RT: 23.068 min Scan# 4771
Delta R.T. -0.012 min
Lab File: BN026657.D
Acq: 22 Jul 2023 16:42

Instrument :
BNA_N
ClientSampleId :
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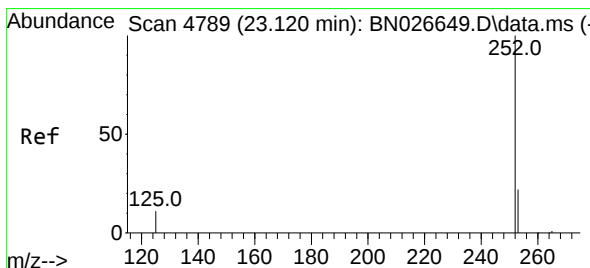
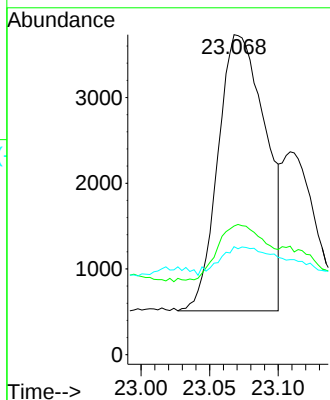


Tgt Ion:252 Resp: 7760
Ion Ratio Lower Upper
252 100
253 40.2 0.0 68.6
125 33.8 0.0 34.0

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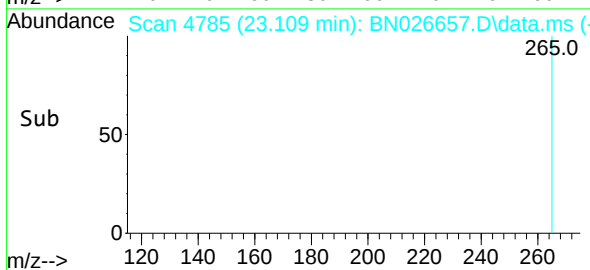
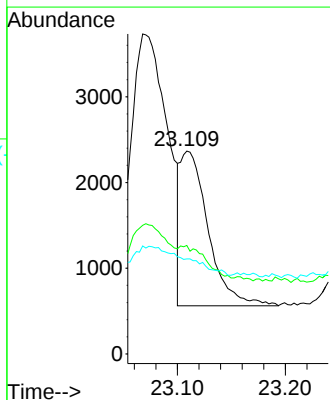
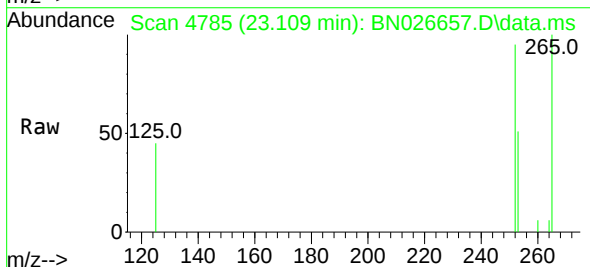
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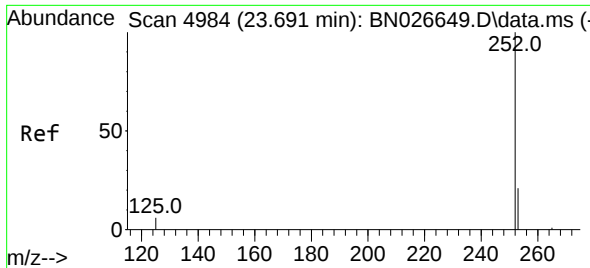
Supervised By :mohammad
ahmed
07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.092 ng/ul m
RT: 23.109 min Scan# 4785
Delta R.T. -0.020 min
Lab File: BN026657.D
Acq: 22 Jul 2023 16:42

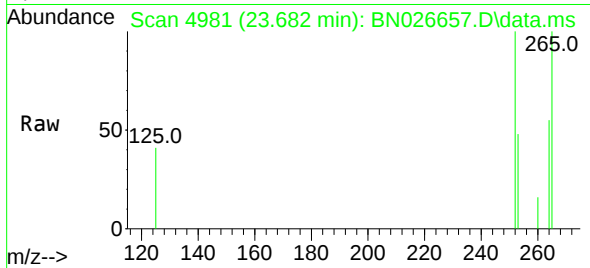
Tgt Ion:252 Resp: 3238
Ion Ratio Lower Upper
252 100
253 53.5 27.2 40.8#
125 46.9 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.175 ng/ul
RT: 23.682 min Scan# 4981
Delta R.T. -0.015 min
Lab File: BN026657.D
Acq: 22 Jul 2023 16:42

Instrument :
BNA_N
ClientSampleId :
A46R3DL

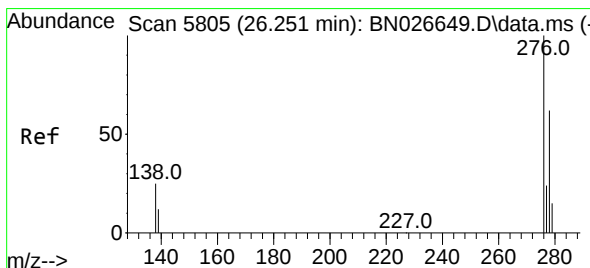
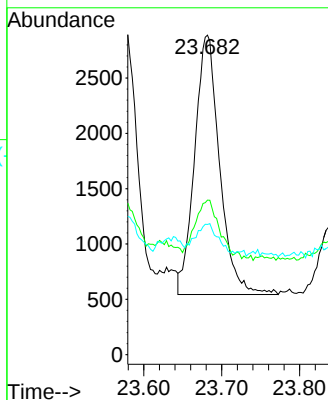


Tgt Ion:252 Resp: 5214
Ion Ratio Lower Upper
252 100
253 48.4 32.6 49.0
125 40.8 19.3 28.9

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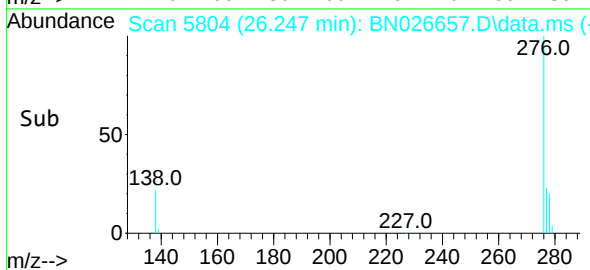
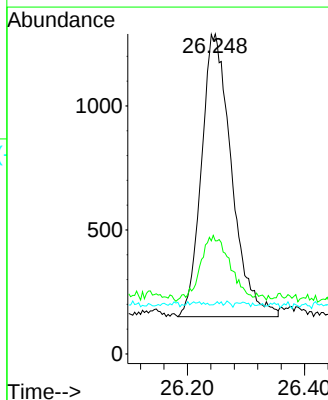
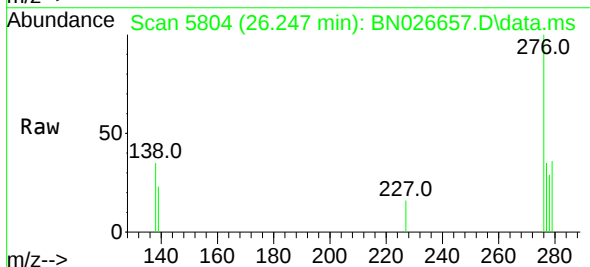
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Supervised By :mohammad ahmed 07/24/2023

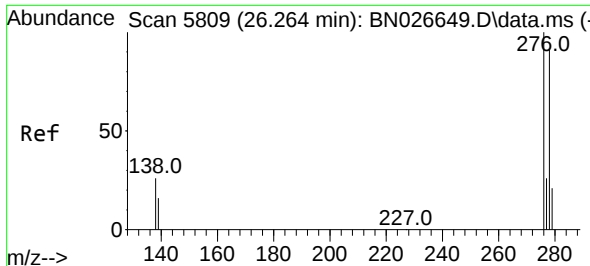
Supervised By :mohammad
ahmed
07/24/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.104 ng/ul
RT: 26.247 min Scan# 5804
Delta R.T. -0.010 min
Lab File: BN026657.D
Acq: 22 Jul 2023 16:42

Tgt Ion:276 Resp: 4058
Ion Ratio Lower Upper
276 100
138 23.4 22.2 33.4
227 0.2 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.030 ng/ul

RT: 26.247 min Scan# 5809

Delta R.T. -0.027 min

Lab File: BN026657.D

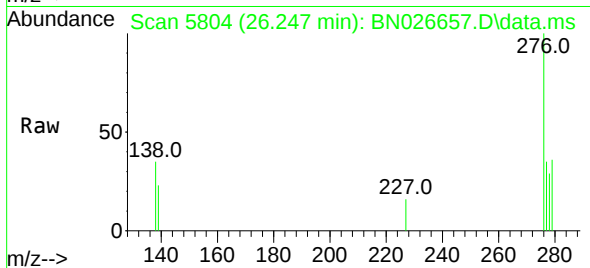
Acq: 22 Jul 2023 16:42

Instrument :

BNA_N

ClientSampleId :

A46R3DL



Tgt Ion:278 Resp: 902

Ion Ratio Lower Upper

278 100

139 79.9 18.9 28.3

279 122.7 31.3 46.9

Manual Integrations

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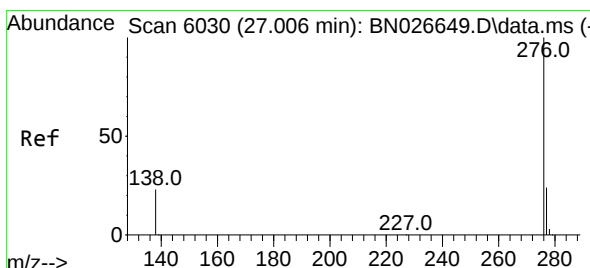
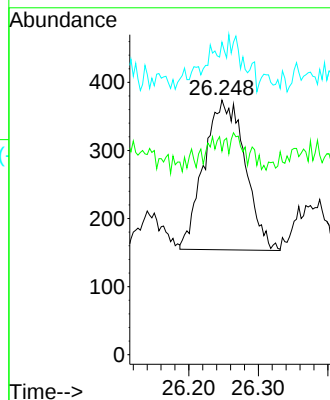
Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023

Supervised By :mohammad

ahmed

07/24/2023



#29

Benzo(g,h,i)perylene

Concen: 0.122 ng/ul

RT: 27.009 min Scan# 6031

Delta R.T. -0.003 min

Lab File: BN026657.D

Acq: 22 Jul 2023 16:42

Tgt Ion:276 Resp: 4203

Ion Ratio Lower Upper

276 100

138 34.3 22.6 34.0

277 34.5 21.8 32.8

