

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026674.D
 Acq On : 23 Jul 2023 13:29
 Operator : MA/JU
 Sample : 03504-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46T4

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 00:41:07 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 : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	4375	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	13439	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.467	164	8516	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	19358	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	13740	0.400	ng/ul #	0.00
23) Perylene-d12	23.790	264	12725	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.195	96	7494	1.301	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	5992	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	13137	0.276	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	1188	0.032	ng/ul#	65
10) Acenaphthylene	14.185	152	2965	0.071	ng/ul#	91
11) Acenaphthene	14.532	153	1142	0.036	ng/ul	96
12) Fluorene	15.517	166	1229	0.037	ng/ul#	97
15) Phenanthrene	17.257	178	26546	0.431	ng/ul	98
16) Anthracene	17.346	178	3883	0.073	ng/ul#	89
19) Fluoranthene	19.274	202	77455	1.203	ng/ul	97
20) Pyrene	19.641	202	17461m	0.250	ng/ul	
21) Benzo(a)anthracene	21.399	228	25080	0.497	ng/ul	97
22) Chrysene	21.452	228	25532	0.444	ng/ul	95
24) Benzo(b)fluoranthene	23.071	252	31183m	0.629	ng/ul	
25) Benzo(k)fluoranthene	23.112	252	14957m	0.288	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.241	276	4316	0.075	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.258	278	4304	0.097	ng/ul#	49

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

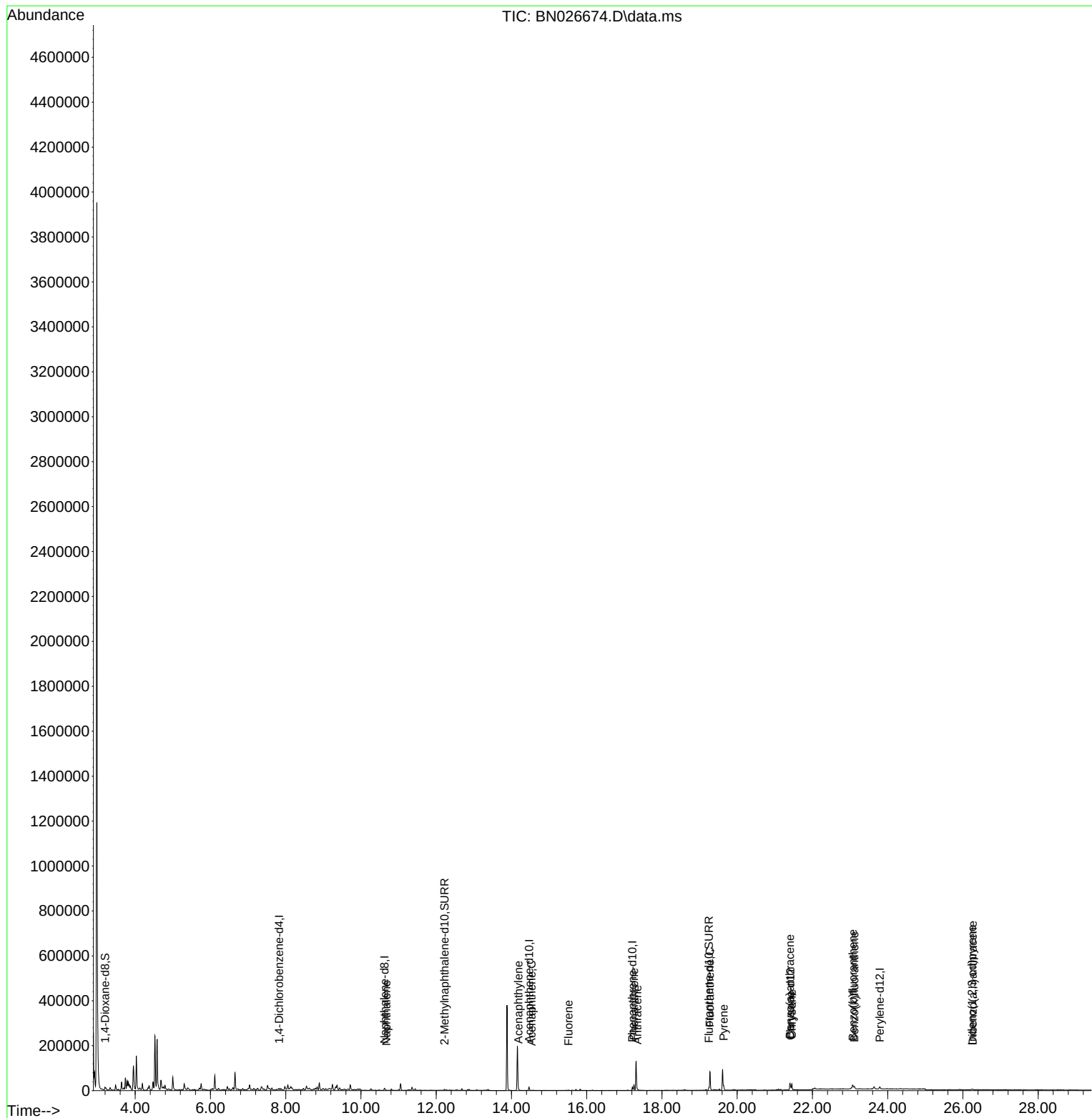
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026674.D
Acq On : 23 Jul 2023 13:29
Operator : MA/JU
Sample : 03504-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

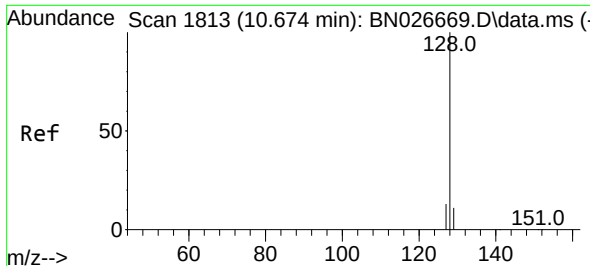
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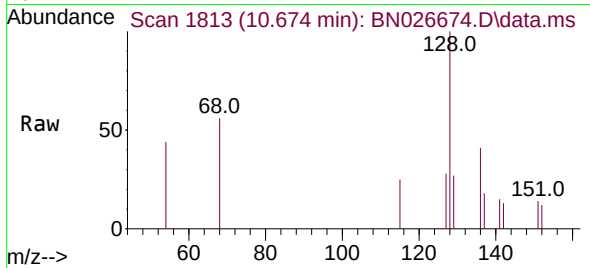
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.032 ng/u1
RT: 10.674 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

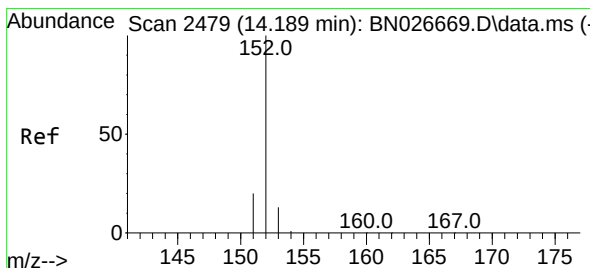
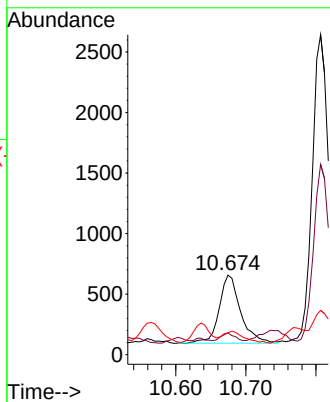
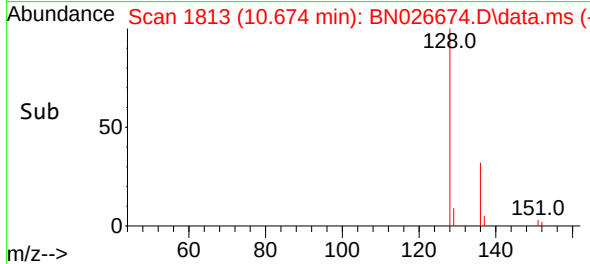
Instrument :
BNA_N
ClientSampleId :
A46T4



Tgt Ion:128 Resp: 118
Ion Ratio Lower Upper
128 100
129 27.4 10.2 15.2
127 27.5 11.4 17.0

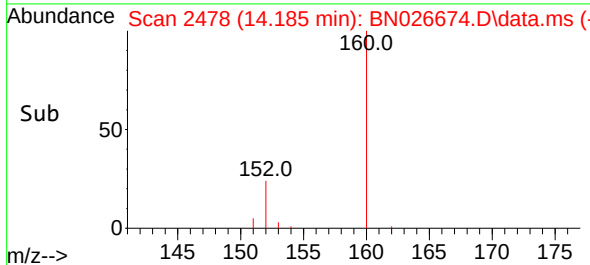
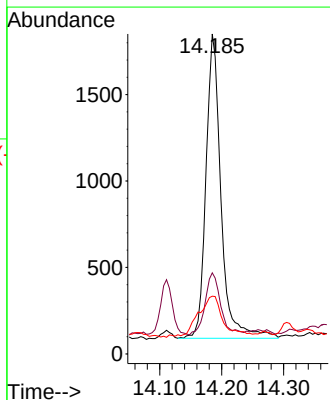
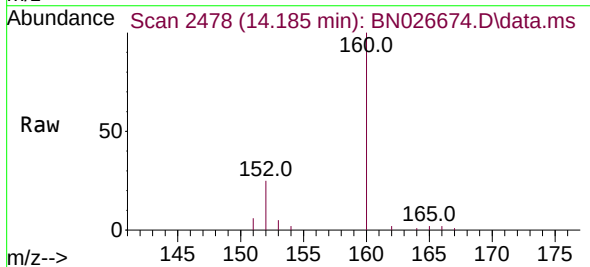
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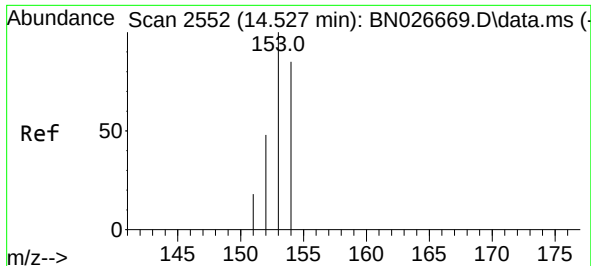
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.071 ng/u1
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

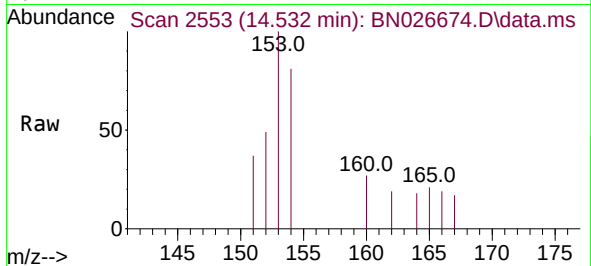
Tgt Ion:152 Resp: 2965
Ion Ratio Lower Upper
152 100
151 25.3 17.0 25.6
153 18.0 11.4 17.2





#11
Acenaphthene
Concen: 0.036 ng/u1
RT: 14.532 min Scan# 214
Delta R.T. 0.005 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

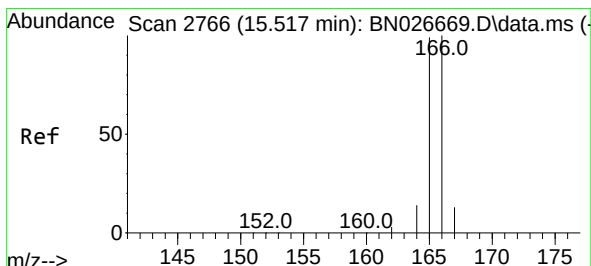
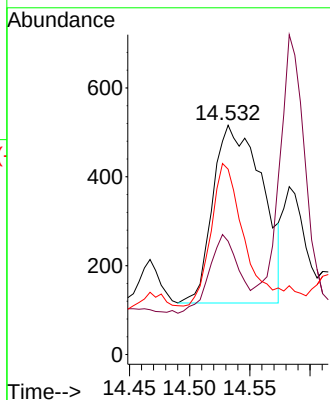
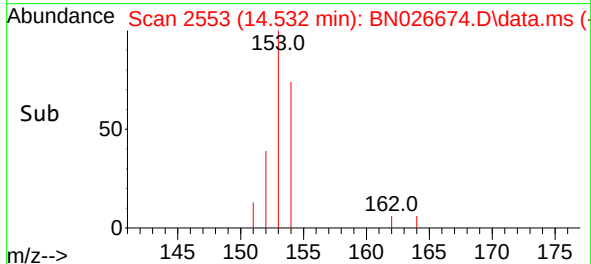
Instrument :
BNA_N
ClientSampleId :
A46T4



Tgt Ion:153 Resp: 114
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 80.8 69.3 103.9

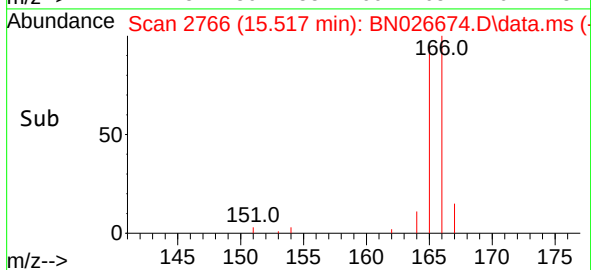
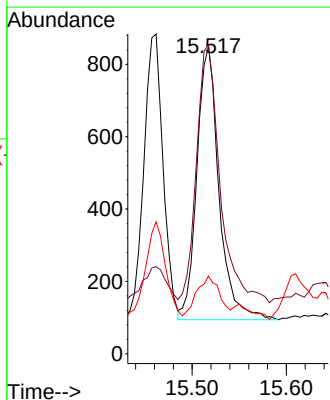
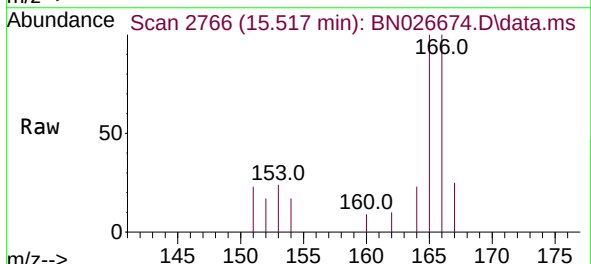
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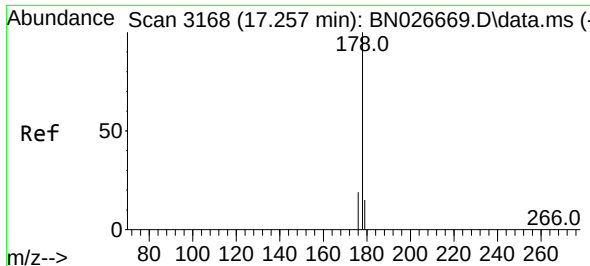
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.037 ng/u1
RT: 15.517 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

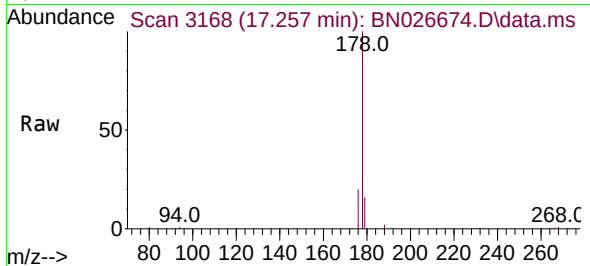
Tgt Ion:166 Resp: 1229
Ion Ratio Lower Upper
166 100
165 100.5 80.6 120.8
167 25.3 12.0 18.0#





#15
Phenanthrene
Concen: 0.431 ng/u1
RT: 17.257 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

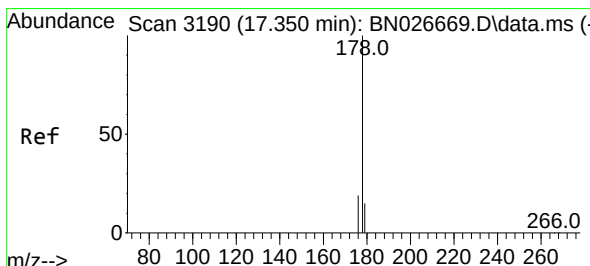
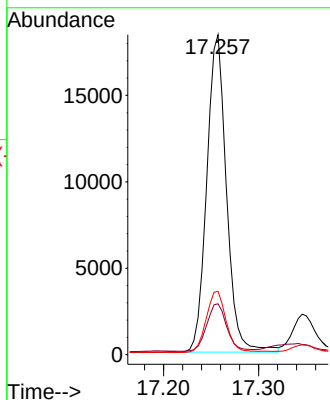
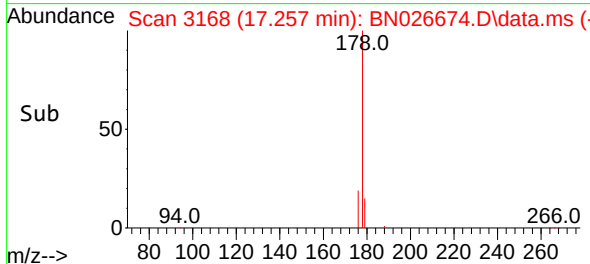
Instrument :
BNA_N
ClientSampleId :
A46T4



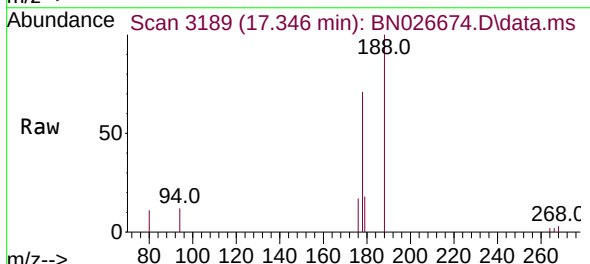
Tgt Ion:178 Resp: 26540
Ion Ratio Lower Upper
178 100
179 15.9 13.7 20.5
176 19.8 16.5 24.7

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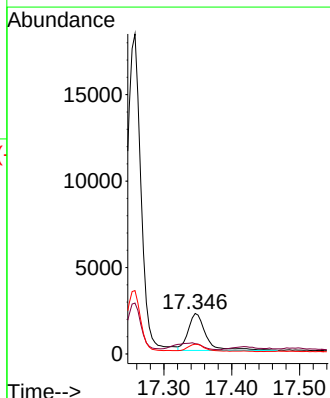
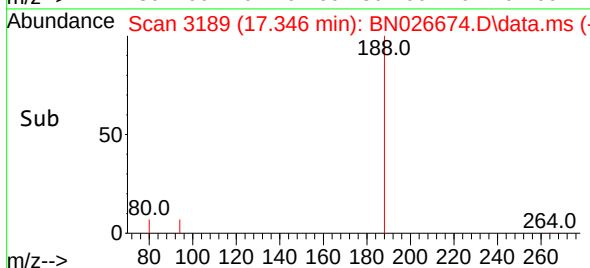
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

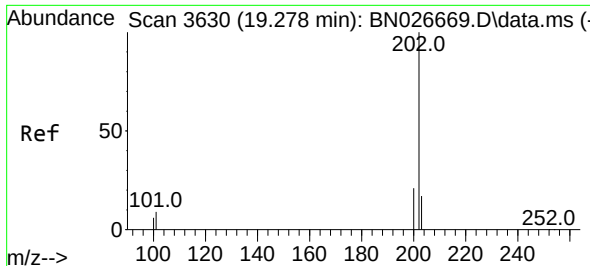


#16
Anthracene
Concen: 0.073 ng/u1
RT: 17.346 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29



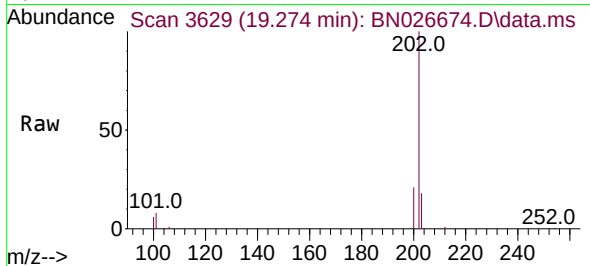
Tgt Ion:178 Resp: 3883
Ion Ratio Lower Upper
178 100
179 25.5 14.8 22.2#
176 24.1 16.6 25.0





#19
Fluoranthene
Concen: 1.203 ng/ul
RT: 19.274 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

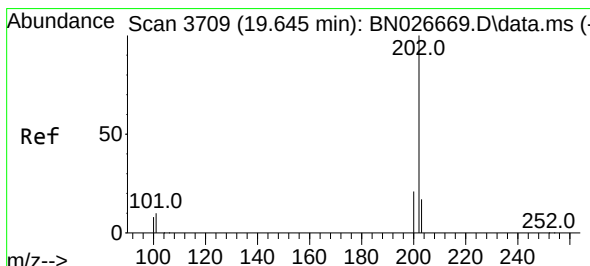
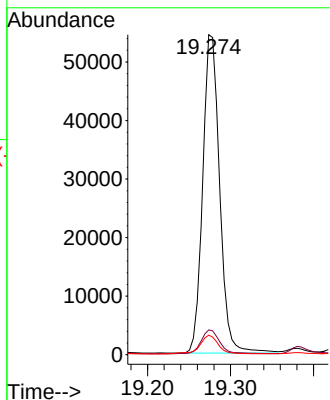
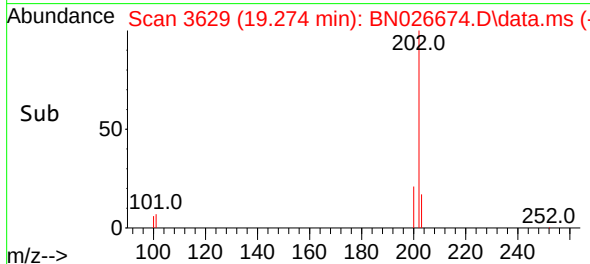
Instrument :
BNA_N
ClientSampleId :
A46T4



Tgt Ion:202 Resp: 7745
Ion Ratio Lower Upper
202 100
101 7.8 7.0 10.4
100 6.1 6.0 9.0

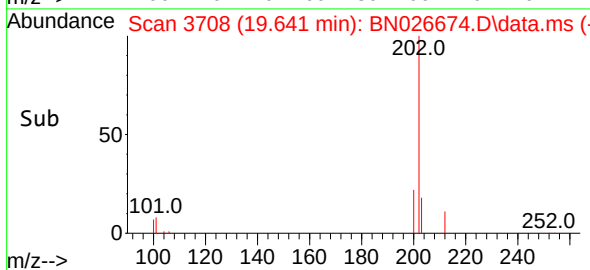
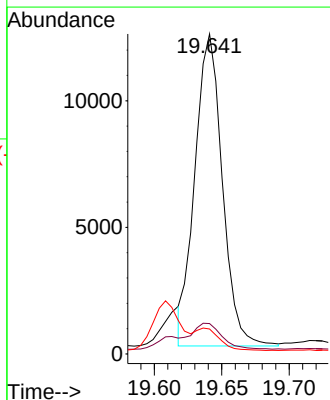
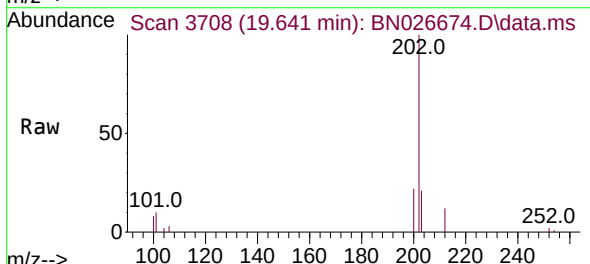
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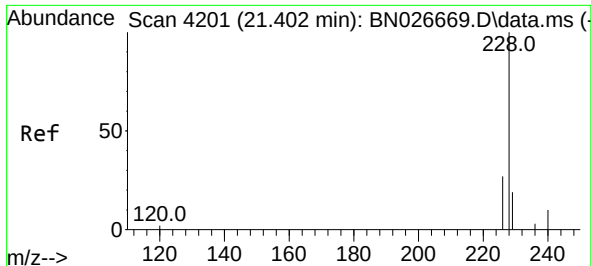
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 0.250 ng/ul m
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

Tgt Ion:202 Resp: 17461
Ion Ratio Lower Upper
202 100
101 9.5 8.0 12.0
100 7.8 6.2 9.2





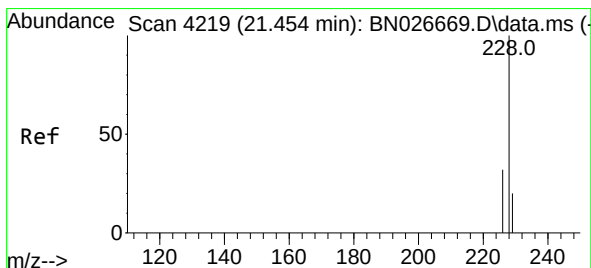
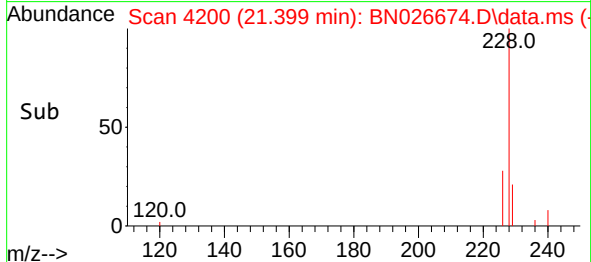
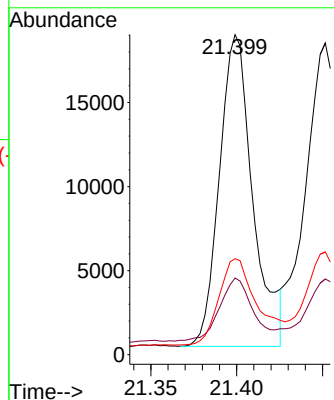
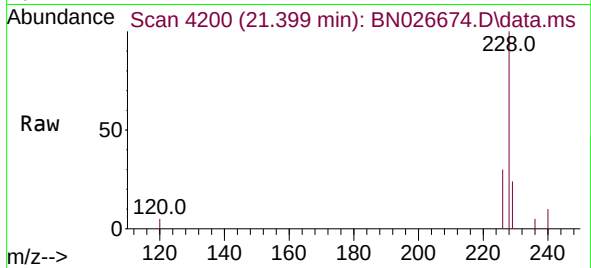
#21
Benzo(a)anthracene
Concen: 0.497 ng/ul
RT: 21.399 min Scan# 4218
Delta R.T. -0.003 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

Instrument :
BNA_N
ClientSampleId :
A46T4

Tgt Ion:228 Resp: 25080
Ion Ratio Lower Upper
228 100
229 24.0 16.7 25.1
226 30.0 23.5 35.3

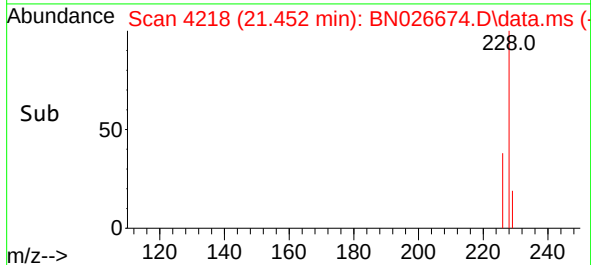
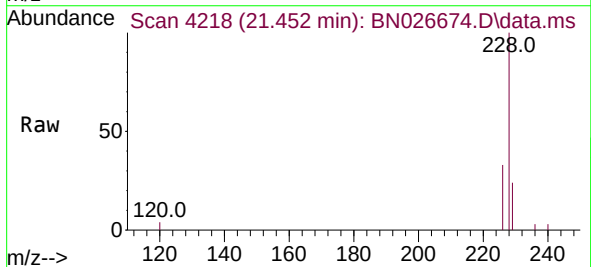
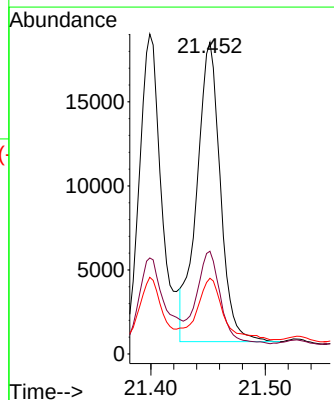
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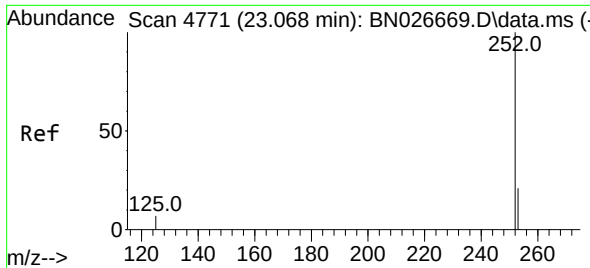
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 0.444 ng/ul
RT: 21.452 min Scan# 4218
Delta R.T. -0.003 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

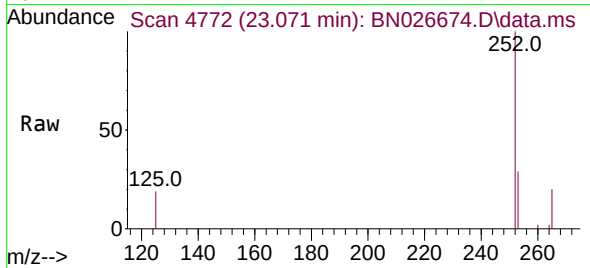
Tgt Ion:228 Resp: 25532
Ion Ratio Lower Upper
228 100
226 33.0 25.2 37.8
229 24.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.629 ng/ul m
RT: 23.071 min Scan# 4771
Delta R.T. 0.003 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

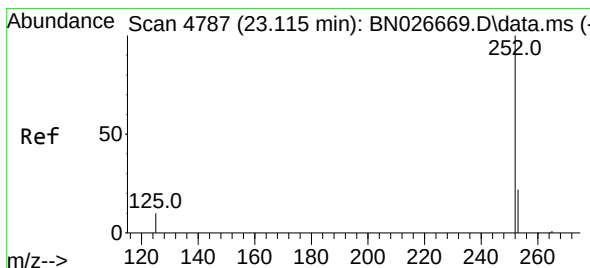
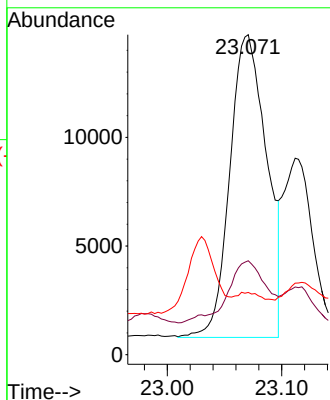
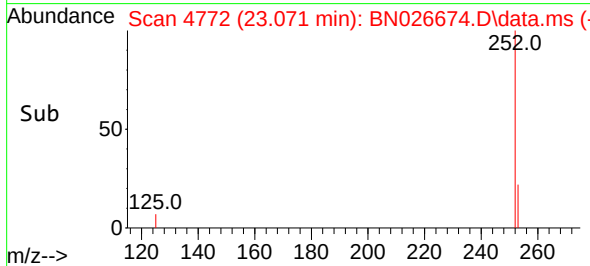
Instrument :
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A46T4



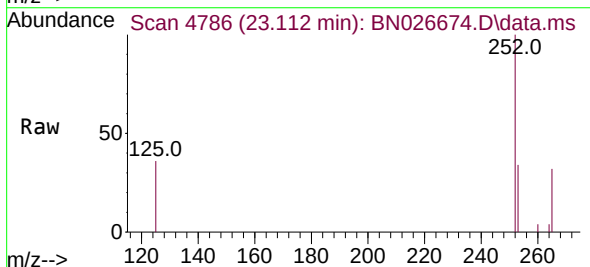
Tgt Ion:252 Resp: 3118
Ion Ratio Lower Upper
252 100
253 29.4 0.0 68.6
125 19.5 0.0 34.0

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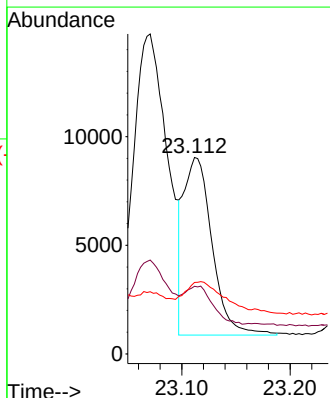
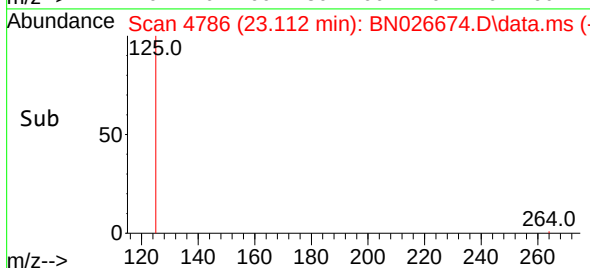
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

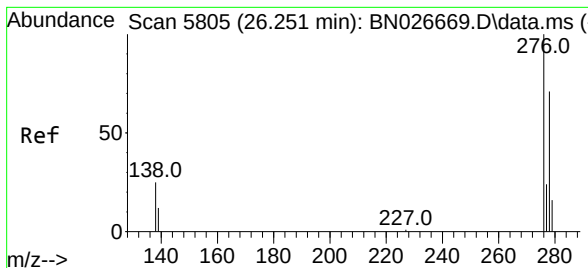


#25
Benzo(k)fluoranthene
Concen: 0.288 ng/ul m
RT: 23.112 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29



Tgt Ion:252 Resp: 14957
Ion Ratio Lower Upper
252 100
253 34.4 27.2 40.8
125 36.4 13.4 20.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.075 ng/ul

RT: 26.241 min Scan# 5802

Delta R.T. -0.010 min

Lab File: BN026674.D

Acq: 23 Jul 2023 13:29

Instrument :

BNA_N

ClientSampleId :

A46T4

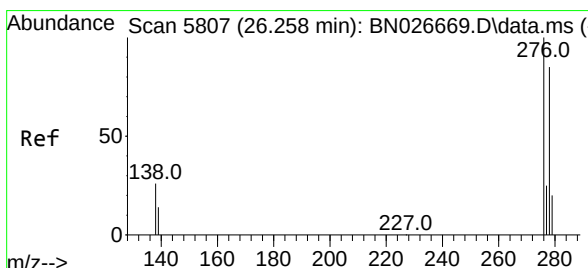
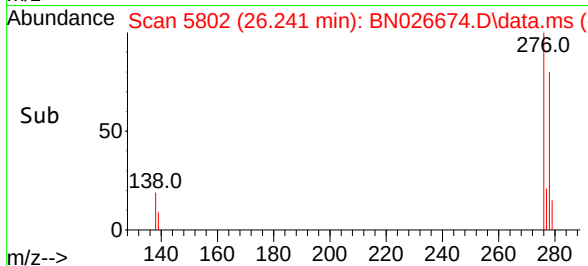
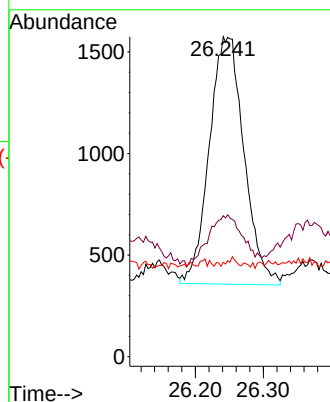
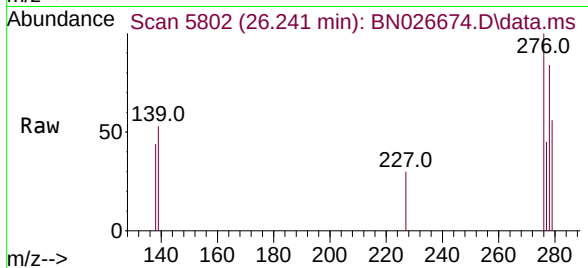
Tgt Ion:276 Resp: 4310
 Ion Ratio Lower Upper
 276 100
 138 21.3 22.2 33.4#
 227 0.9 0.1 0.1#

Manual Integrations

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Supervised By :mohammad ahmed 07/24/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.097 ng/ul

RT: 26.258 min Scan# 5807

Delta R.T. 0.000 min

Lab File: BN026674.D

Acq: 23 Jul 2023 13:29

Tgt Ion:278 Resp: 4304
 Ion Ratio Lower Upper
 278 100
 139 57.7 18.9 28.3#
 279 63.0 31.3 46.9#

