

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026688.D
 Acq On : 23 Jul 2023 22:36
 Operator : MA/JU
 Sample : 03472-22DL 5X
 Misc :
 ALS Vial : 22 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

Quant Time: Jul 24 01:17:11 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	7.828	152	3596	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	16012	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	9552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	21509	0.400	ng/ul	0.00
17) Chrysene-d12	21.408	240	10800	0.400	ng/ul	0.00
23) Perylene-d12	23.775	264	11845	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	2552	0.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	1466	0.067	ng/ul	0.01
18) Fluoranthene-d10	19.246	212	3216	0.086	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.185	152	1030	0.022	ng/ul#	66
11) Acenaphthene	14.527	153	759m	0.021	ng/ul	
12) Fluorene	15.513	166	1108	0.030	ng/ul#	92
15) Phenanthrene	17.253	178	12517	0.183	ng/ul	100
16) Anthracene	17.346	178	1757	0.030	ng/ul#	87
19) Fluoranthene	19.278	202	20686	0.409	ng/ul	98
20) Pyrene	19.636	202	20238	0.368	ng/ul#	94
21) Benzo(a)anthracene	21.393	228	8799	0.222	ng/ul#	91
22) Chrysene	21.446	228	8266	0.183	ng/ul#	92
24) Benzo(b)fluoranthene	23.059	252	11693m	0.253	ng/ul	
25) Benzo(k)fluoranthene	23.097	252	4078m	0.084	ng/ul	
26) Benzo(a)pyrene	23.670	252	7102	0.173	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.231	276	5666	0.105	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.231	278	1379	0.033	ng/ul#	1
29) Benzo(g,h,i)perylene	26.989	276	6149	0.129	ng/ul#	89

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

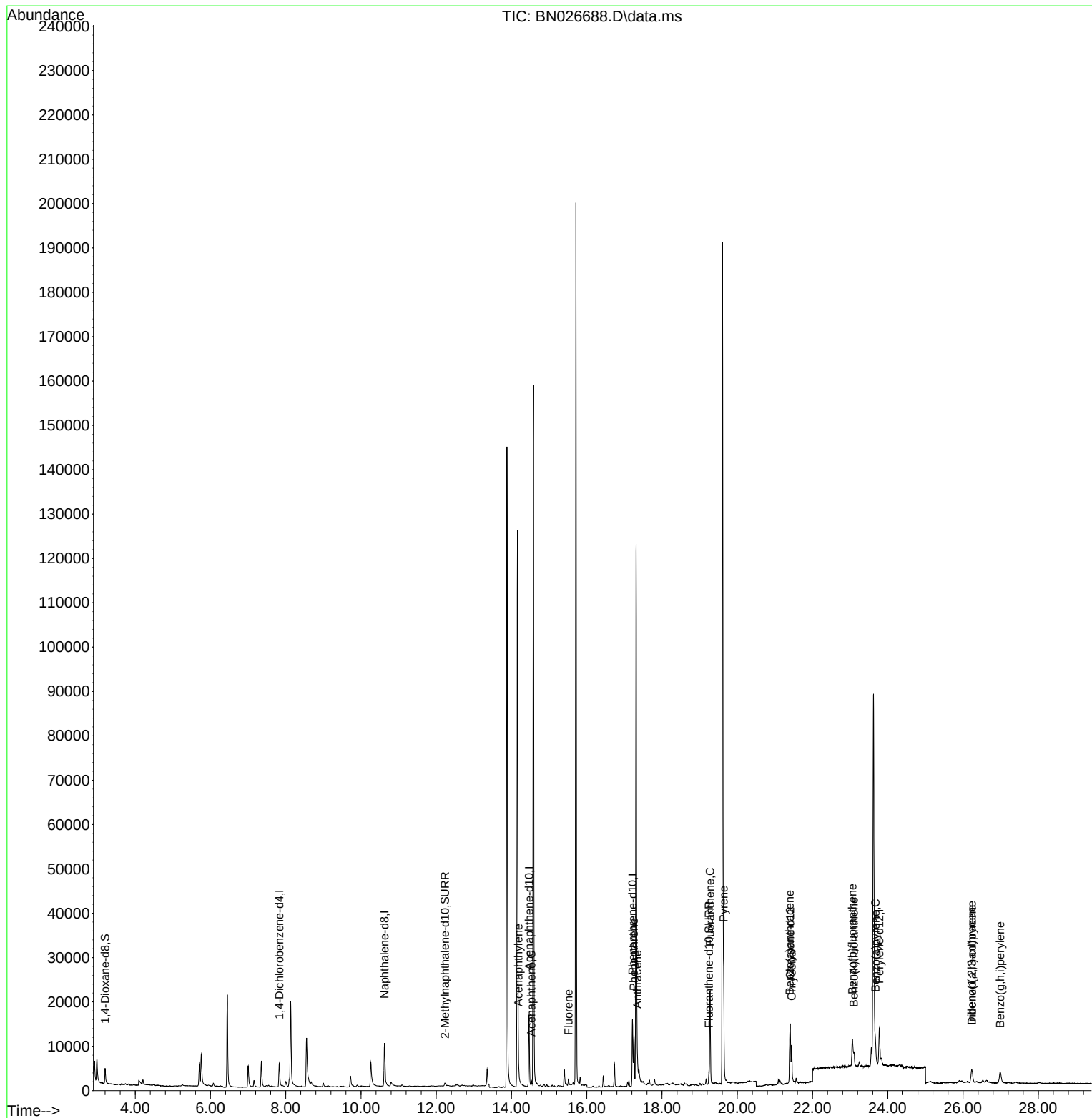
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026688.D
Acq On : 23 Jul 2023 22:36
Operator : MA/JU
Sample : 03472-22DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

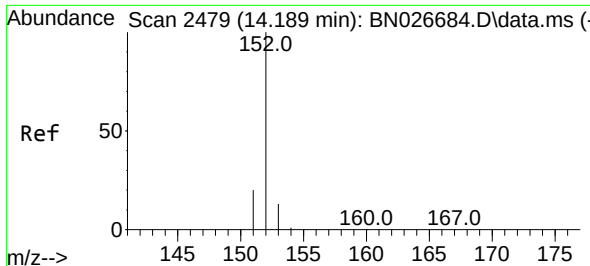
Instrument :
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A46R3DL

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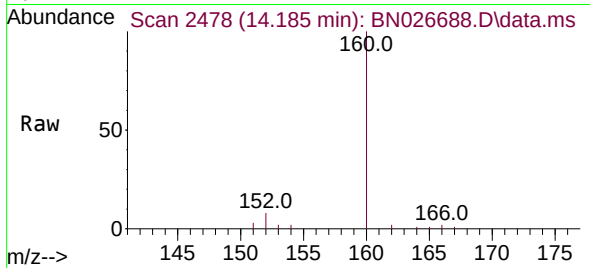
Quant Time: Jul 24 01:17:11 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.185 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

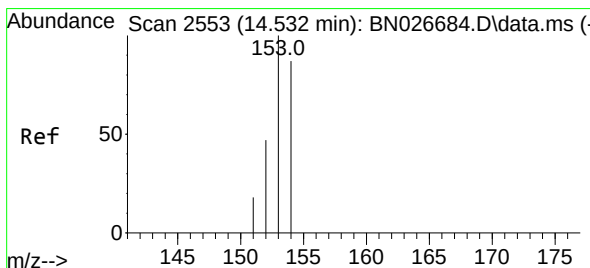
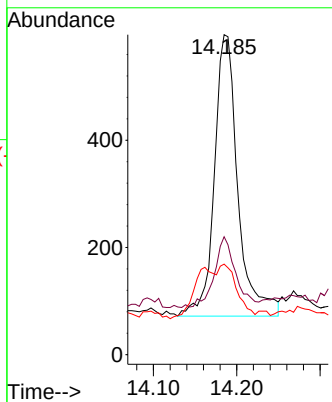
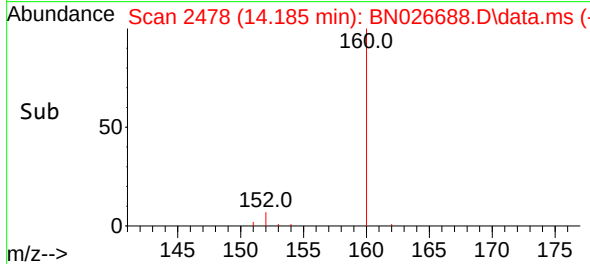
Instrument :
BNA_N
ClientSampleId :
A46R3DL



Tgt Ion:152 Resp: 1030
Ion Ratio Lower Upper
152 100
151 36.9 17.0 25.6
153 28.3 11.4 17.2

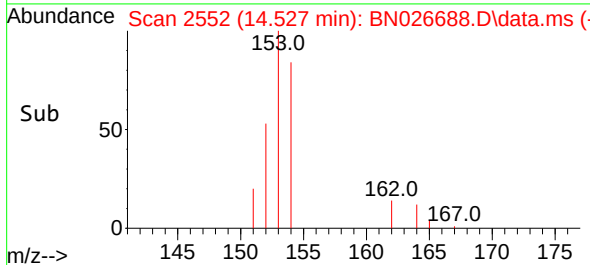
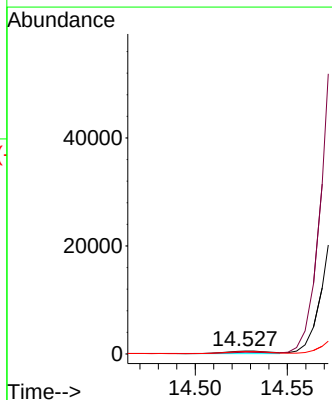
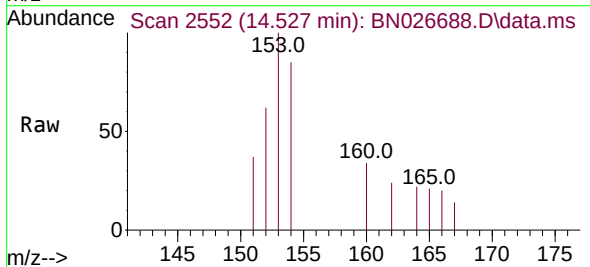
Manual Integrations
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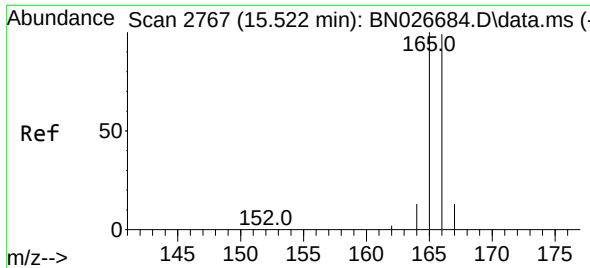
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#11
Acenaphthene
Concen: 0.021 ng/ul m
RT: 14.527 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

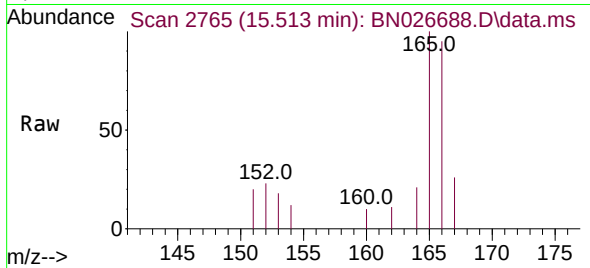
Tgt Ion:153 Resp: 759
Ion Ratio Lower Upper
153 100
152 62.0 40.2 60.4
154 84.6 69.3 103.9





#12
Fluorene
Concen: 0.030 ng/uI
RT: 15.513 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

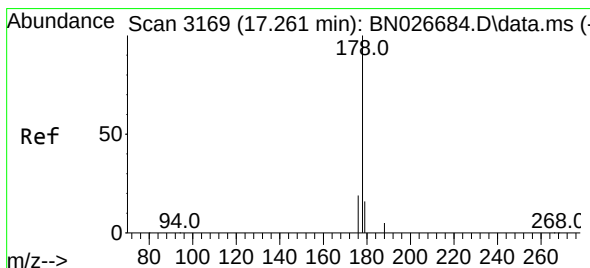
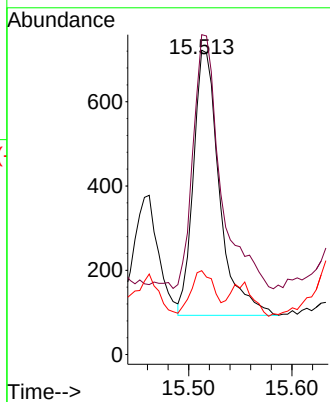
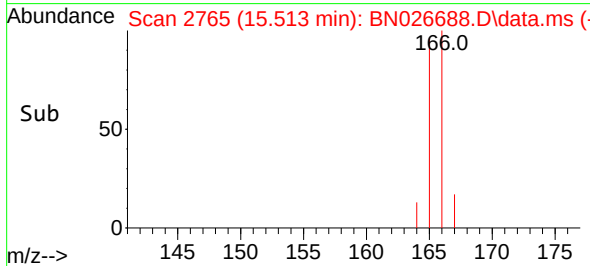
Instrument :
BNA_N
ClientSampleId :
A46R3DL



Tgt Ion:166 Resp: 110
Ion Ratio Lower Upper
166 100
165 105.1 80.6 120.8
167 27.6 12.0 18.0

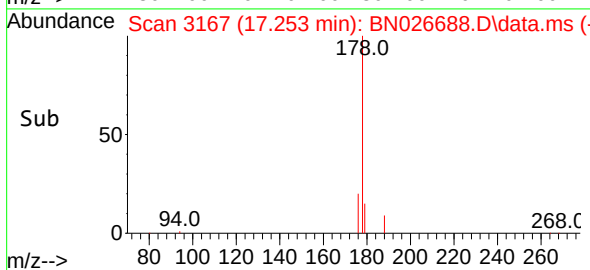
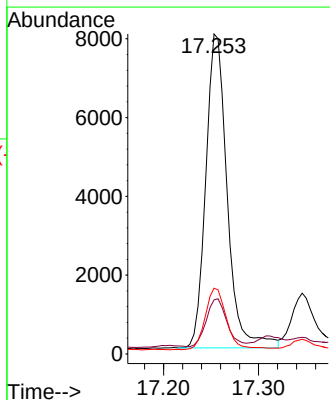
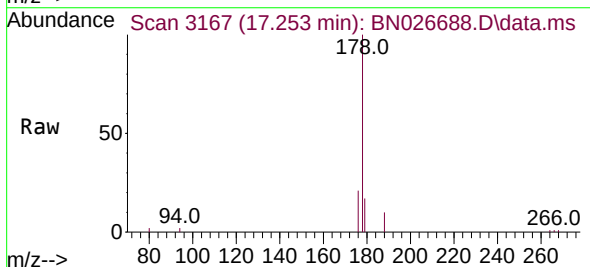
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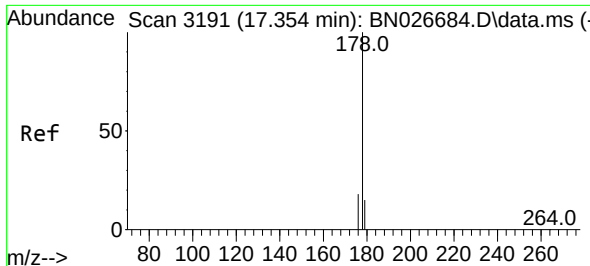
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#15
Phenanthrene
Concen: 0.183 ng/uI
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

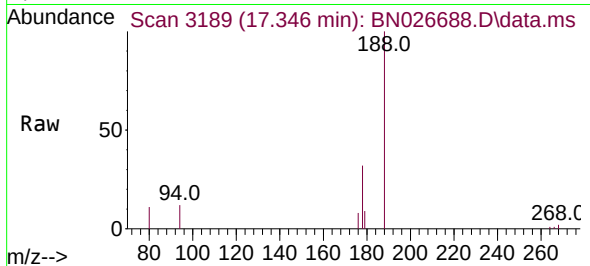
Tgt Ion:178 Resp: 12517
Ion Ratio Lower Upper
178 100
179 16.9 13.7 20.5
176 20.5 16.5 24.7





#16
 Anthracene
 Concen: 0.030 ng/ul
 RT: 17.346 min Scan# 3191
 Delta R.T. -0.004 min
 Lab File: BN026688.D
 Acq: 23 Jul 2023 22:36

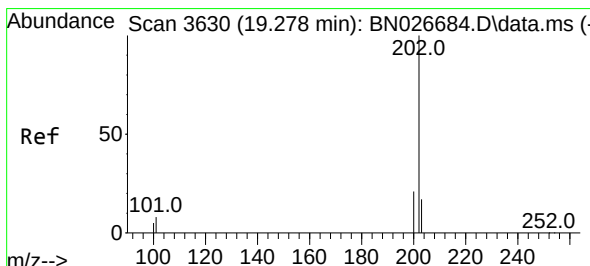
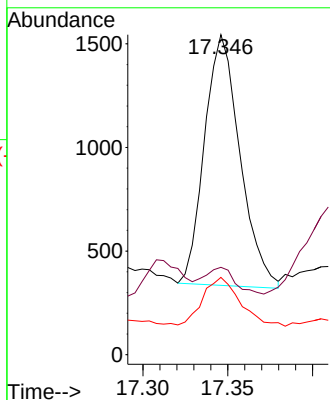
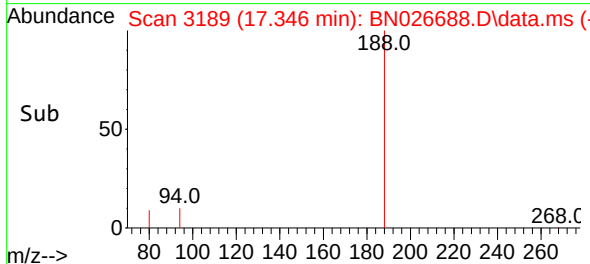
Instrument :
 BNA_N
 ClientSampleId :
 A46R3DL



Tgt Ion:178 Resp: 175
 Ion Ratio Lower Upper
 178 100
 179 27.3 14.8 22.2
 176 24.2 16.6 25.0

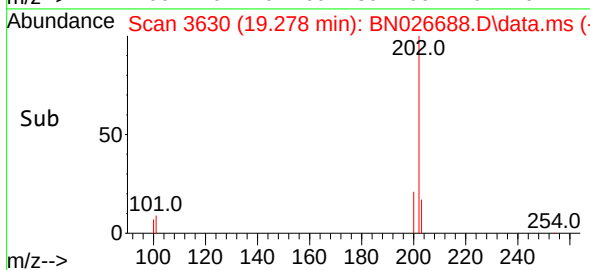
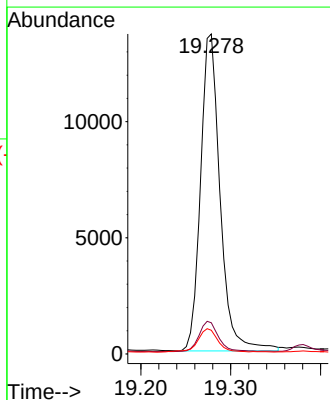
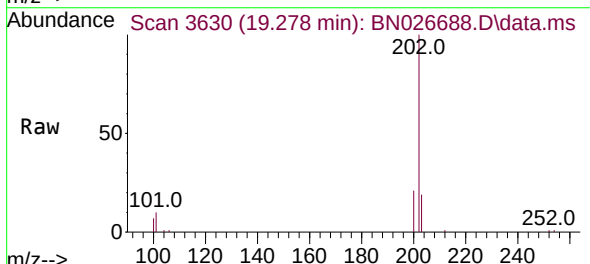
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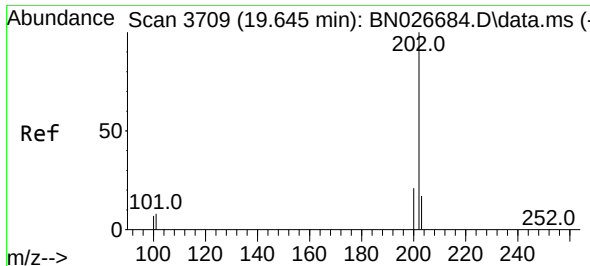
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#19
 Fluoranthene
 Concen: 0.409 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. 0.000 min
 Lab File: BN026688.D
 Acq: 23 Jul 2023 22:36

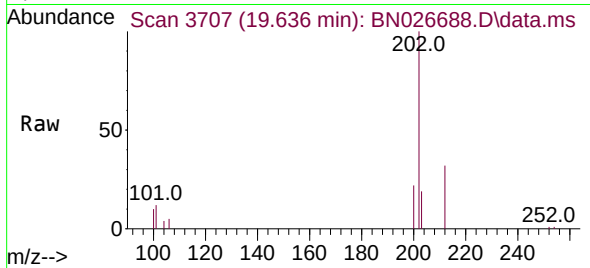
Tgt Ion:202 Resp: 20686
 Ion Ratio Lower Upper
 202 100
 101 9.8 7.0 10.4
 100 7.4 6.0 9.0





#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.636 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

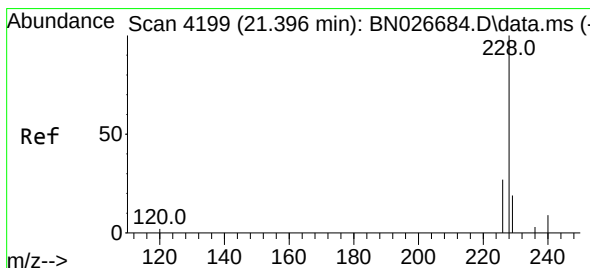
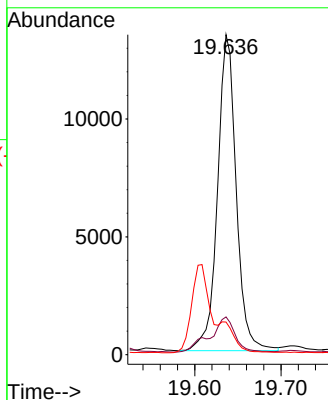
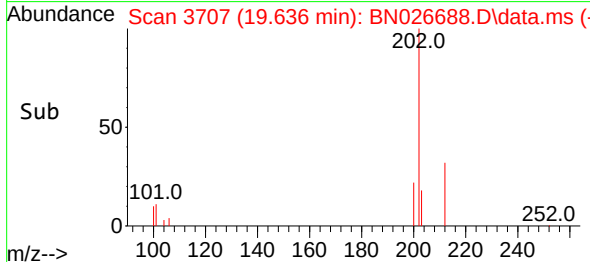
Instrument :
BNA_N
ClientSampleId :
A46R3DL



Tgt Ion:202 Resp: 20238
Ion Ratio Lower Upper
202 100
101 11.8 8.0 12.0
100 10.2 6.2 9.2

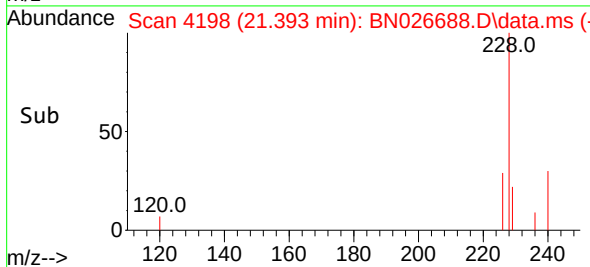
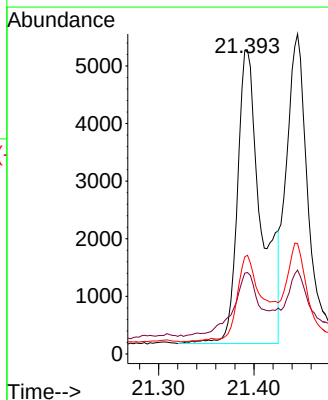
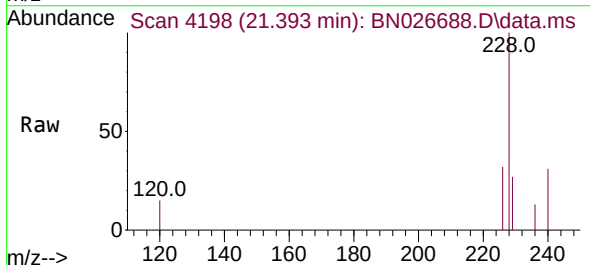
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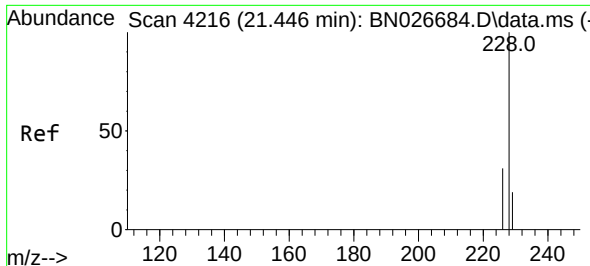
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#21
Benzo(a)anthracene
Concen: 0.222 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.009 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

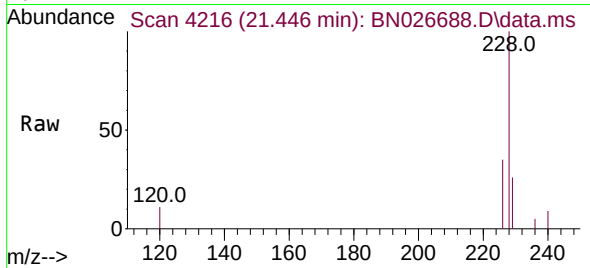
Tgt Ion:228 Resp: 8799
Ion Ratio Lower Upper
228 100
229 26.8 16.7 25.1#
226 32.5 23.5 35.3





#22
Chrysene
Concen: 0.183 ng/ul
RT: 21.446 min Scan# 4216
Delta R.T. -0.009 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

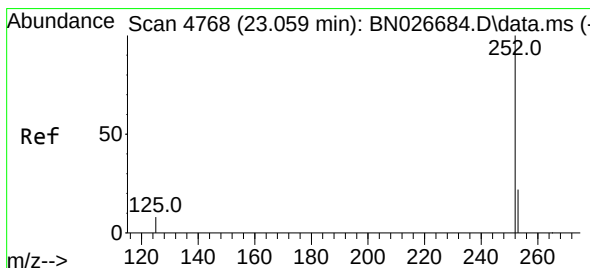
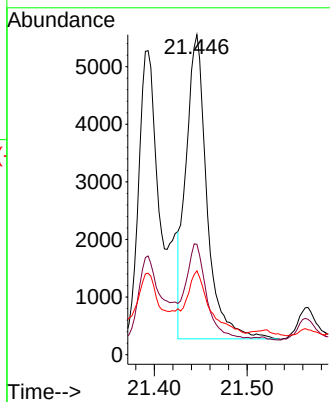
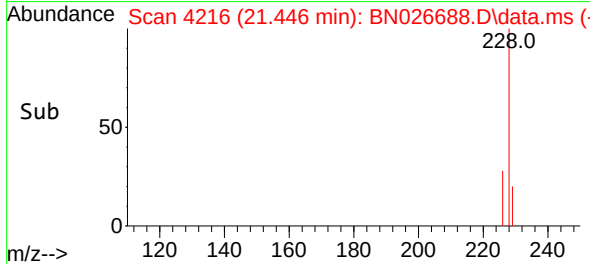
Instrument :
BNA_N
ClientSampleId :
A46R3DL



Tgt Ion:228 Resp: 8260
Ion Ratio Lower Upper
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226 34.5 25.2 37.8
229 26.2 16.4 24.6

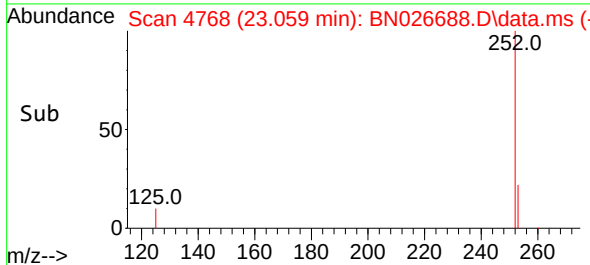
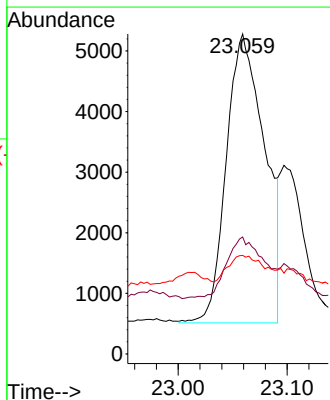
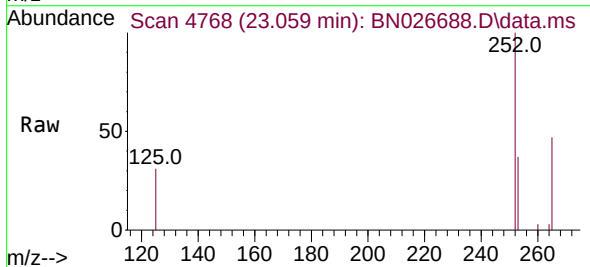
Manual Integrations
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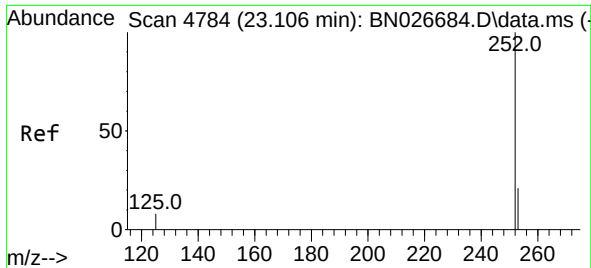
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#24
Benzo(b)fluoranthene
Concen: 0.253 ng/ul m
RT: 23.059 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Tgt Ion:252 Resp: 11693
Ion Ratio Lower Upper
252 100
253 36.6 0.0 68.6
125 30.8 0.0 34.0





#25

Benzo(k)fluoranthene

Concen: 0.084 ng/ul m

RT: 23.097 min Scan# 4

Delta R.T. -0.017 min

Lab File: BN026688.D

Acq: 23 Jul 2023 22:36

Instrument :

BNA_N

ClientSampleId :

A46R3DL

Tgt Ion:252 Resp: 4078

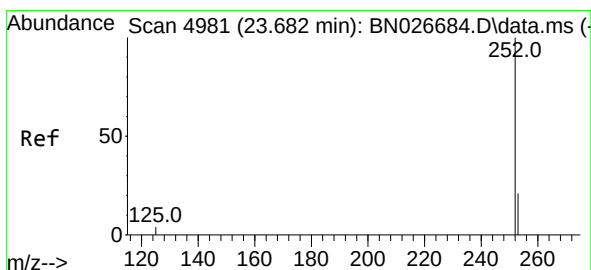
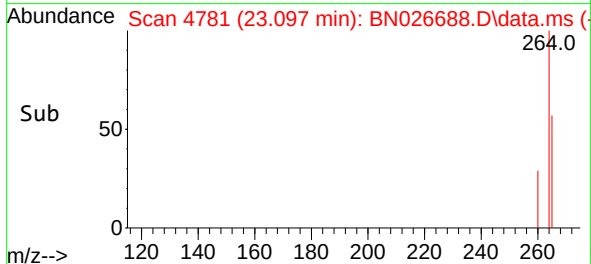
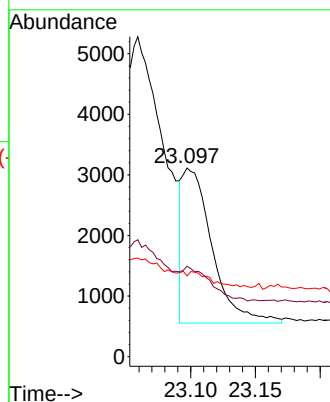
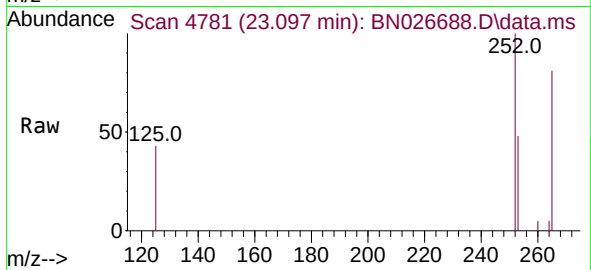
Ion	Ratio	Lower	Upper
252	100		
253	47.9	27.2	40.8
125	42.8	13.4	20.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#26

Benzo(a)pyrene

Concen: 0.173 ng/ul

RT: 23.670 min Scan# 4977

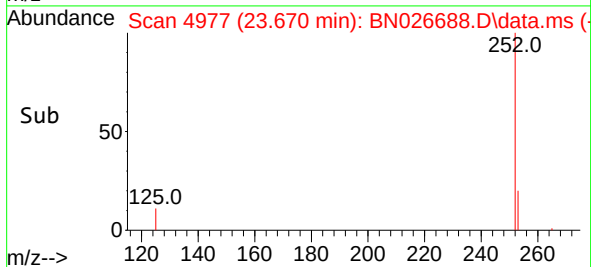
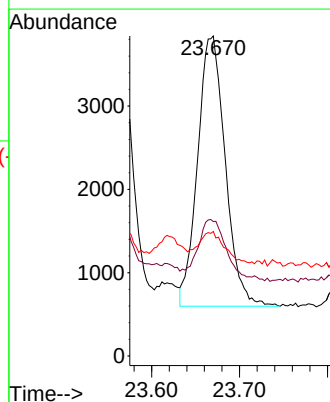
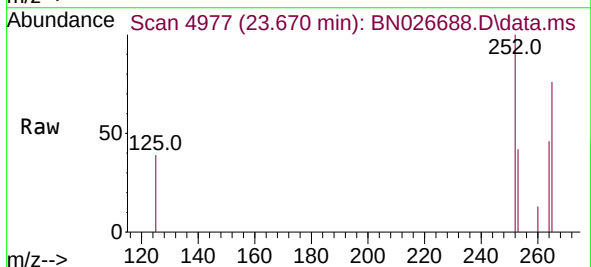
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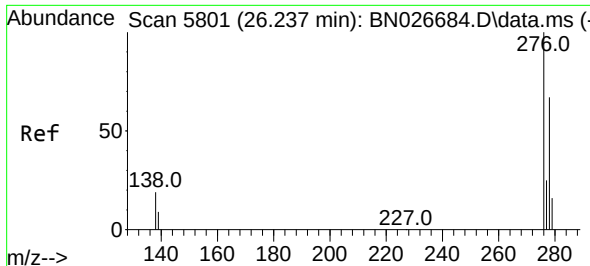
Lab File: BN026688.D

Acq: 23 Jul 2023 22:36

Tgt Ion:252 Resp: 7102

Ion	Ratio	Lower	Upper
252	100		
253	42.0	32.6	49.0
125	38.9	19.3	28.9





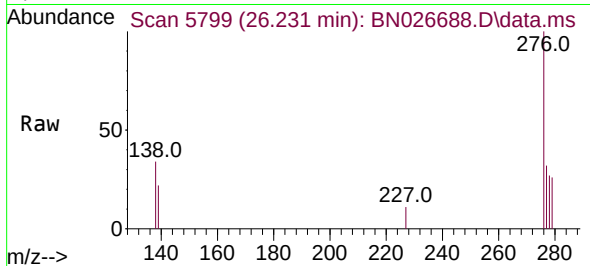
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.105 ng/ul
 RT: 26.231 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BN026688.D
 Acq: 23 Jul 2023 22:36

Instrument :

BNA_N

ClientSampleId :

A46R3DL



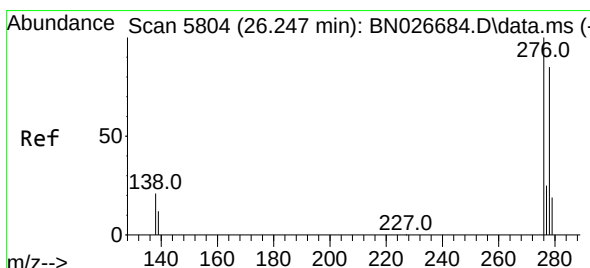
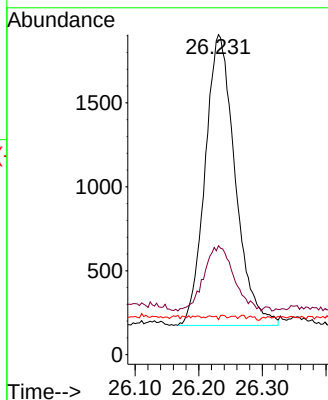
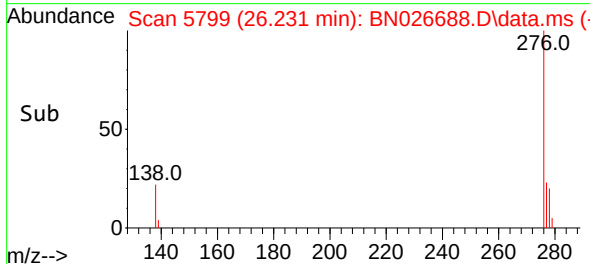
Tgt Ion:276 Resp: 566
 Ion Ratio Lower Upper
 276 100
 138 22.4 22.2 33.4
 227 0.4 0.1 0.1

Manual Integrations

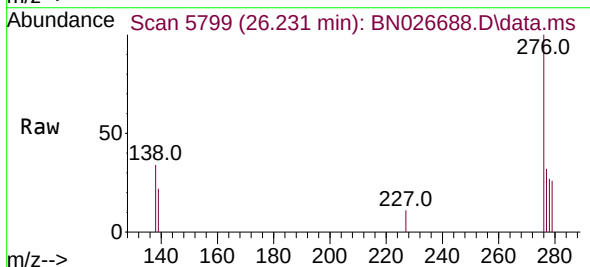
APPROVED

Reviewed By :Yogesh Patel 07/24/2023

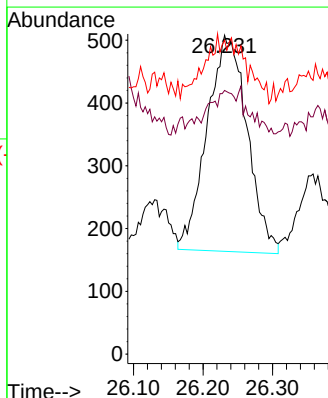
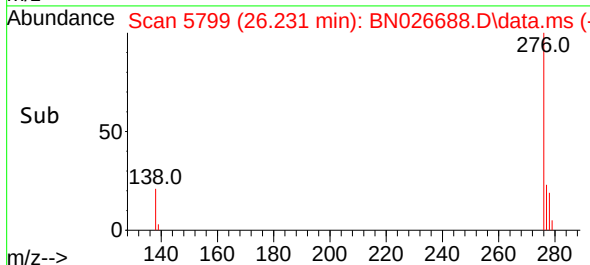
Supervised By :mohammad ahmed 07/24/2023

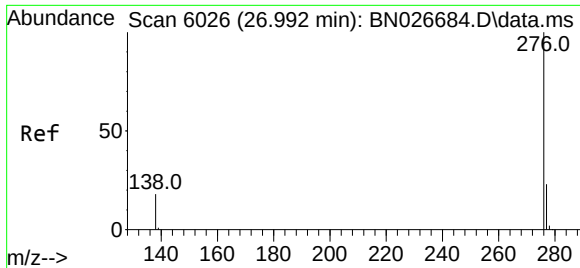


#28
 Dibenzo(a,h)anthracene
 Concen: 0.033 ng/ul
 RT: 26.231 min Scan# 5799
 Delta R.T. -0.027 min
 Lab File: BN026688.D
 Acq: 23 Jul 2023 22:36



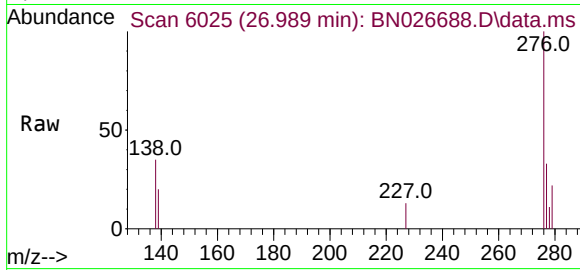
Tgt Ion:278 Resp: 1379
 Ion Ratio Lower Upper
 278 100
 139 82.7 18.9 28.3#
 279 98.4 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.129 ng/ul
 RT: 26.989 min Scan# 6025
 Delta R.T. -0.013 min
 Lab File: BN026688.D
 Acq: 23 Jul 2023 22:36

Instrument :
 BNA_N
 ClientSampleId :
 A46R3DL



Tgt Ion: 276 Resp: 6149
 Ion Ratio Lower Upper
 276 100
 138 34.8 22.6 34.0
 277 32.5 21.8 32.8

Manual Integrations
 APPROVED

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

