

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046434.D
 Acq On : 08 Jul 2024 13:56
 Operator : MA/JU
 Sample : P3010-15DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B68DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 08 15:42:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	7233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	20763	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.174	164	12520	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.926	188	22917	0.400	ng/ul	-0.01
17) Chrysene-d12	21.131	240	13269	0.400	ng/ul	-0.01
23) Perylene-d12	23.285	264	13409	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3897	0.522	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	1481	0.048	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	2574	0.055	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	13.892	152	1608	0.025	ng/ul#	86
11) Acenaphthene	14.238	153	1867	0.045	ng/ul	97
12) Fluorene	15.233	166	2080	0.043	ng/ul	96
15) Phenanthrene	16.968	178	41036	0.598	ng/ul	98
16) Anthracene	17.057	178	8233	0.124	ng/ul	98
19) Fluoranthene	18.993	202	75315	1.123	ng/ul	97
20) Pyrene	19.355	202	52347	0.759	ng/ul#	94
21) Benzo(a)anthracene	21.117	228	31329	0.528	ng/ul	97
22) Chrysene	21.169	228	32302	0.548	ng/ul	98
24) Benzo(b)fluoranthene	22.651	252	38744m	0.680	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	14433m	0.251	ng/ul	
26) Benzo(a)pyrene	23.192	252	14022	0.311	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.423	276	12449	0.205	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.437	278	4183	0.089	ng/ul#	63
29) Benzo(g,h,i)perylene	26.077	276	1976	0.041	ng/ul#	57

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

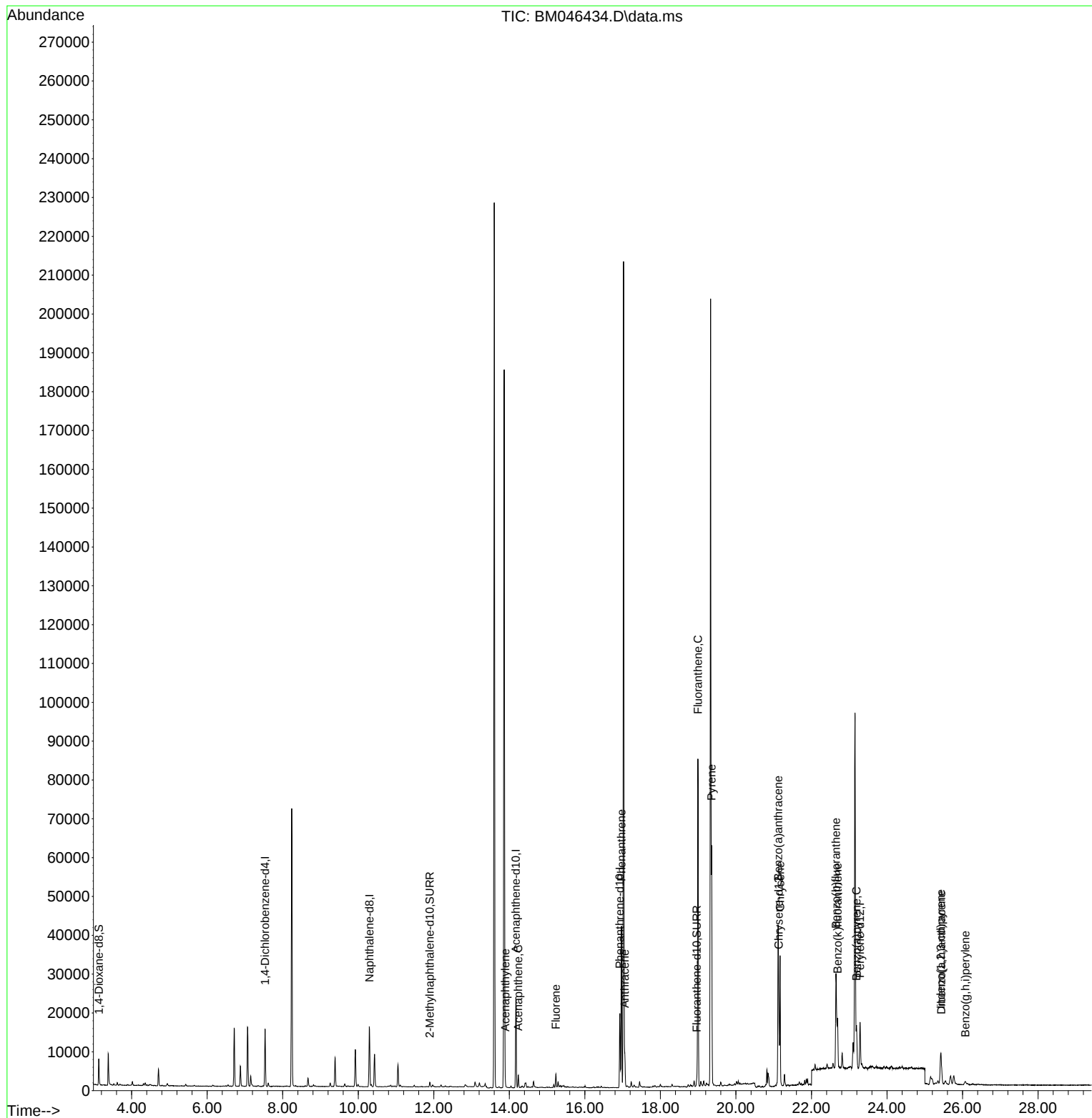
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046434.D
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ALS Vial : 7 Sample Multiplier: 1

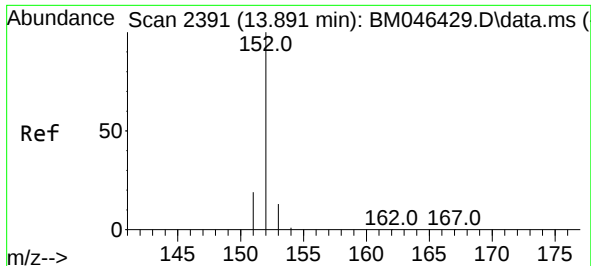
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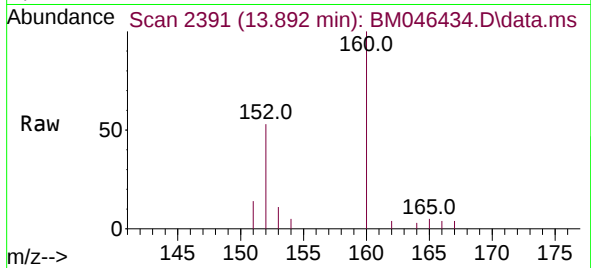
Quant Time: Jul 08 15:42:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.892 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM046434.D
Acq: 08 Jul 2024 13:56

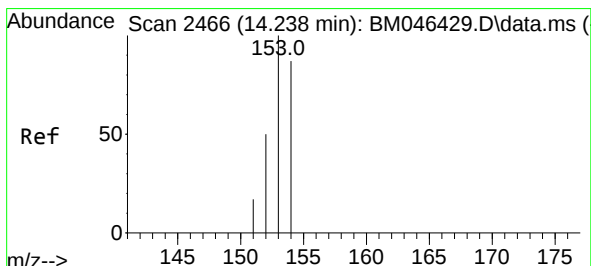
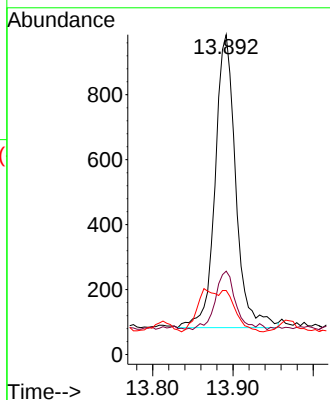
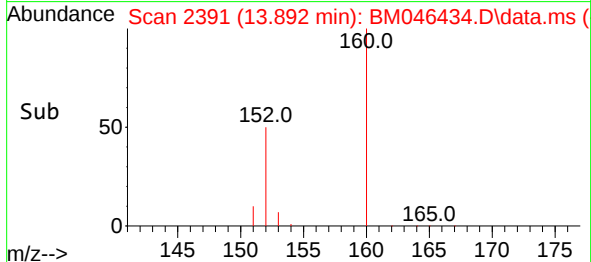
Instrument :
BNA_M
ClientSampleId :
A4B68DL



Tgt Ion:152 Resp: 1608
Ion Ratio Lower Upper
152 100
151 26.1 15.9 23.9
153 20.0 11.0 16.6

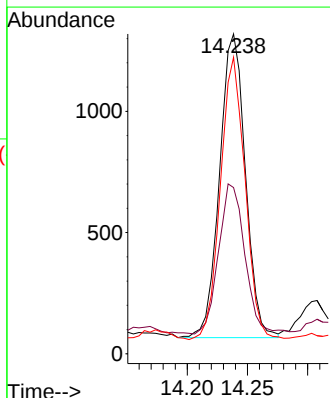
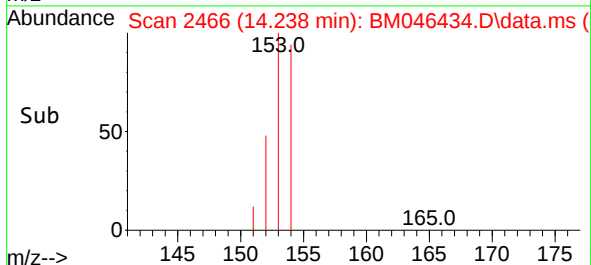
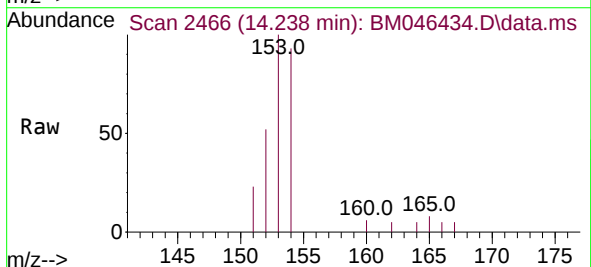
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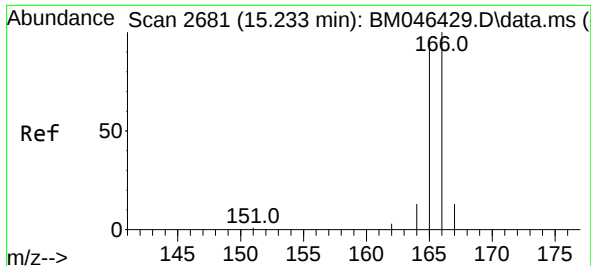
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM046434.D
Acq: 08 Jul 2024 13:56

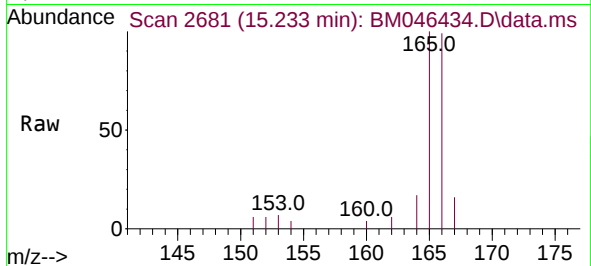
Tgt Ion:153 Resp: 1867
Ion Ratio Lower Upper
153 100
152 52.0 40.4 60.6
154 92.7 72.1 108.1





#12
Fluorene
Concen: 0.043 ng/ul
RT: 15.233 min Scan# 2080
Delta R.T. -0.008 min
Lab File: BM046434.D
Acq: 08 Jul 2024 13:56

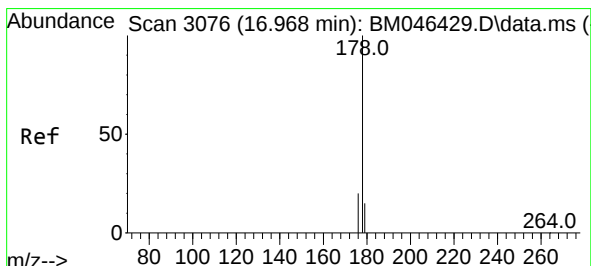
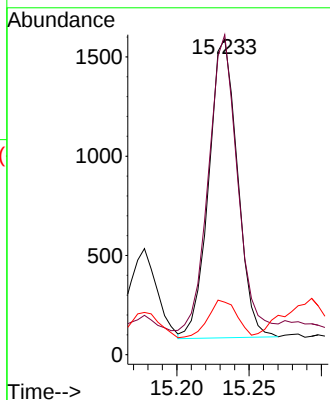
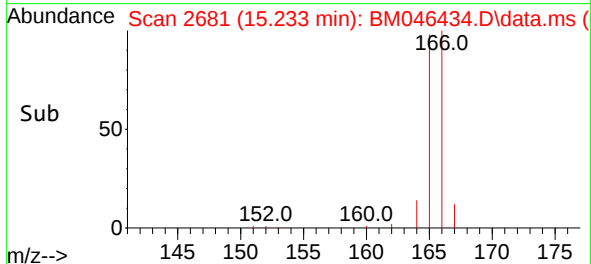
Instrument :
BNA_M
ClientSampleId :
A4B68DL



Tgt Ion:166 Resp: 2080
Ion Ratio Lower Upper
166 100
165 101.4 78.0 117.0
167 16.7 11.4 17.0

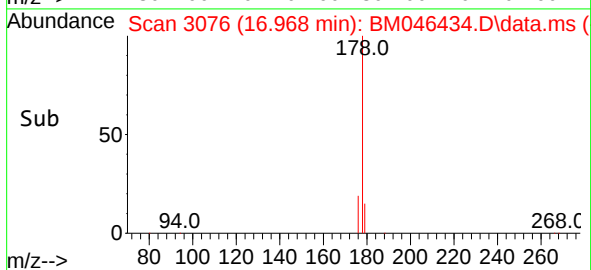
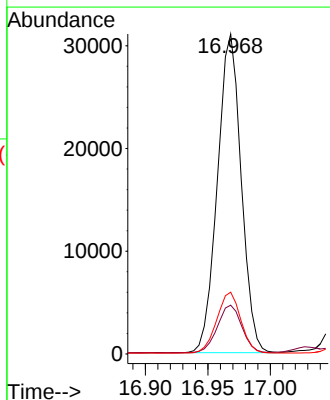
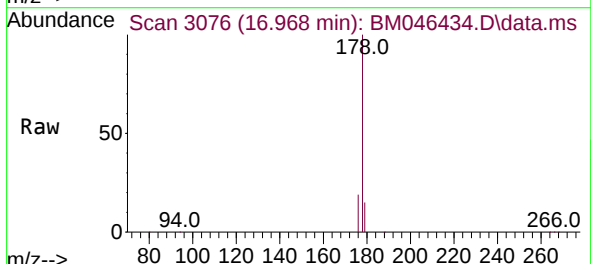
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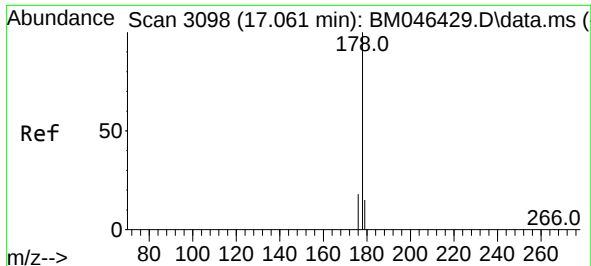
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#15
Phenanthrene
Concen: 0.598 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.007 min
Lab File: BM046434.D
Acq: 08 Jul 2024 13:56

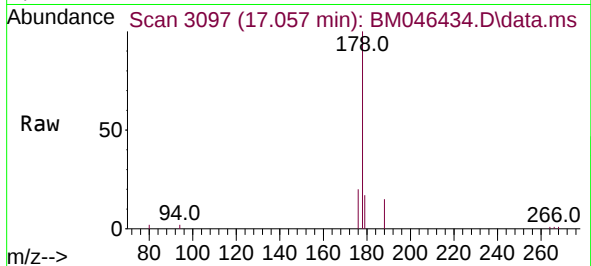
Tgt Ion:178 Resp: 41036
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.3 16.0 24.0





#16
Anthracene
Concen: 0.124 ng/ul
RT: 17.057 min Scan# 3098
Delta R.T. -0.011 min
Lab File: BM046434.D
Acq: 08 Jul 2024 13:56

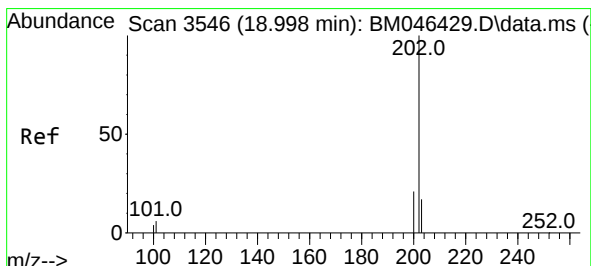
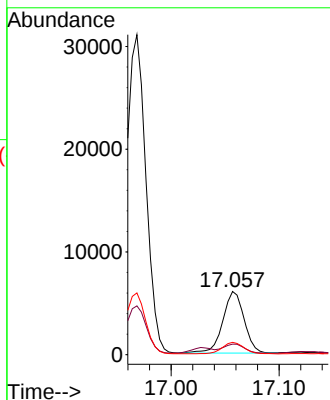
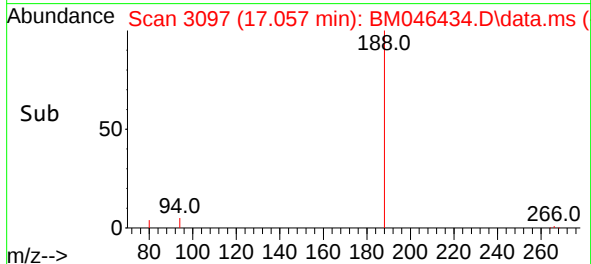
Instrument :
BNA_M
ClientSampleId :
A4B68DL



Tgt Ion:178 Resp: 823
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 19.6 14.9 22.3

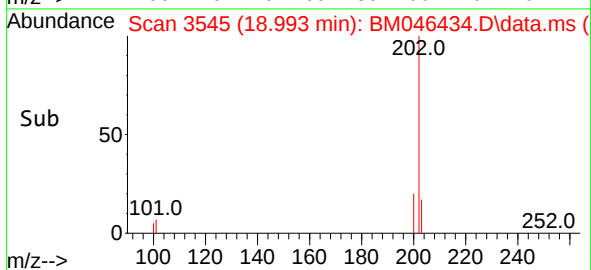
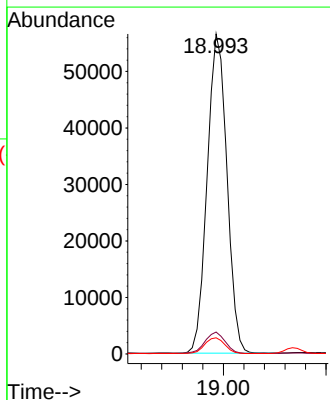
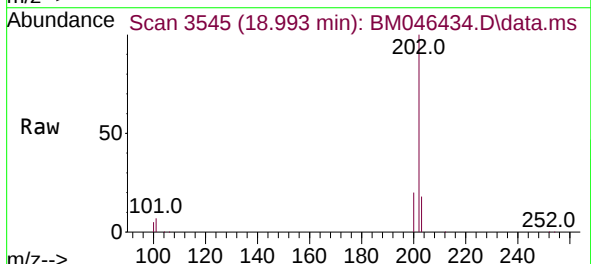
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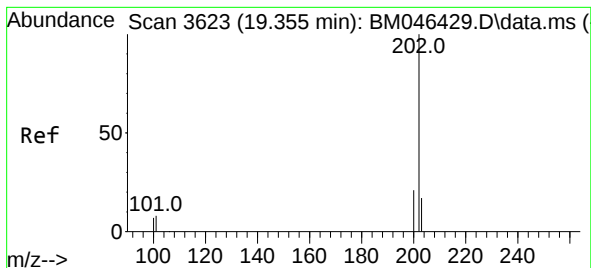
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#19
Fluoranthene
Concen: 1.123 ng/ul
RT: 18.993 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BM046434.D
Acq: 08 Jul 2024 13:56

Tgt Ion:202 Resp: 75315
Ion Ratio Lower Upper
202 100
101 6.9 6.3 9.5
100 5.1 5.0 7.6





#20

Pyrene

Concen: 0.759 ng/u1

RT: 19.355 min Scan# 30

Delta R.T. -0.008 min

Lab File: BM046434.D

Acq: 08 Jul 2024 13:56

Instrument :

BNA_M

ClientSampleId :

A4B68DL

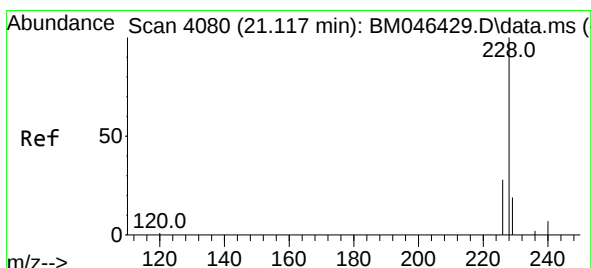
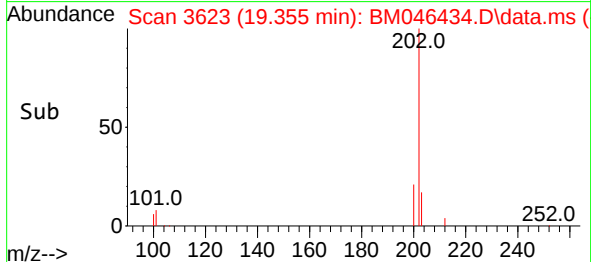
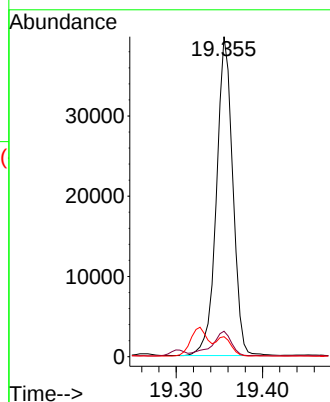
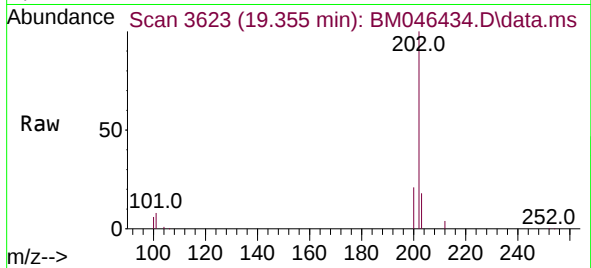
Tgt Ion:	202	Resp:	5234
Ion Ratio	Lower	Upper	
202	100		
101	7.9	8.2	12.4
100	6.3	6.9	10.3

Manual Integrations

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Supervised By :mohammad ahmed 07/10/2024



#21

Benzo(a)anthracene

Concen: 0.528 ng/u1

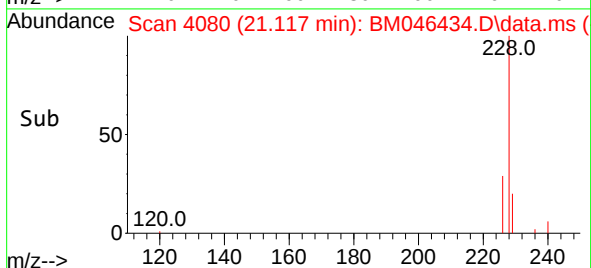
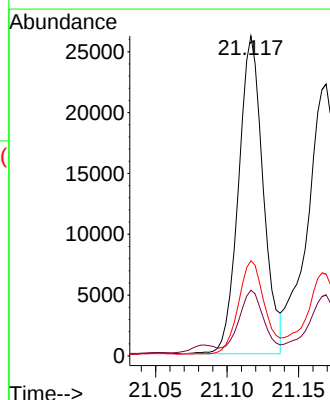
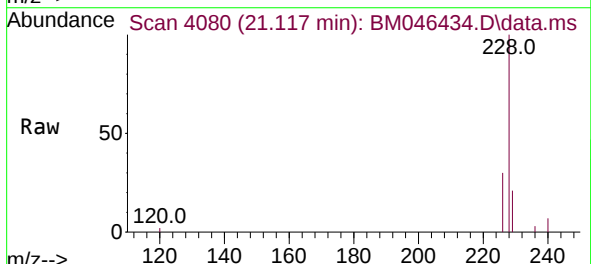
RT: 21.117 min Scan# 4080

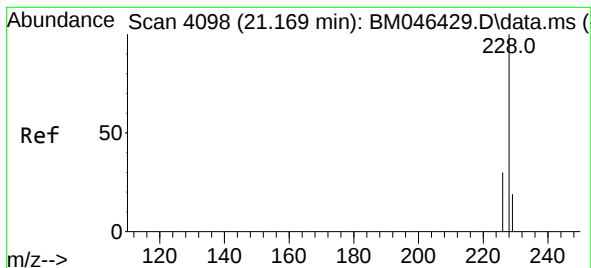
Delta R.T. -0.009 min

Lab File: BM046434.D

Acq: 08 Jul 2024 13:56

Tgt Ion:	228	Resp:	31329
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.8	23.6
226	29.7	22.0	33.0





#22

Chrysene

Concen: 0.548 ng/ul

RT: 21.169 min Scan# 4098

Delta R.T. -0.009 min

Lab File: BM046434.D

Acq: 08 Jul 2024 13:56

Instrument :

BNA_M

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A4B68DL

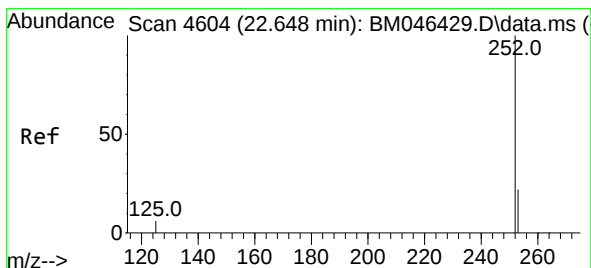
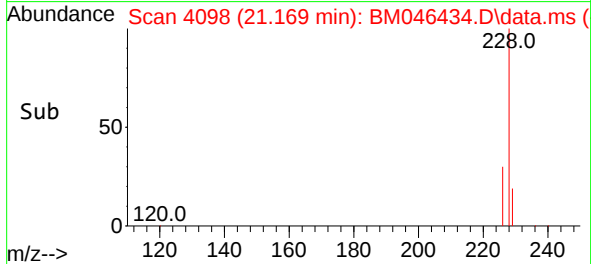
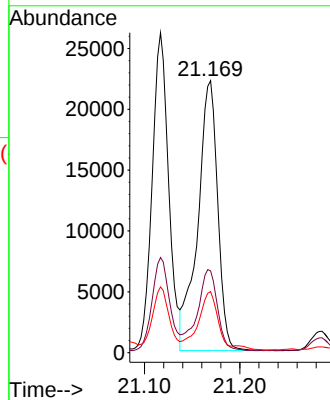
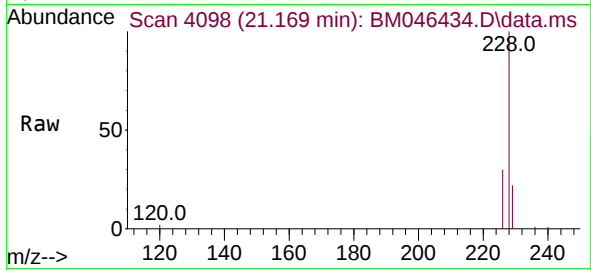
Tgt Ion:	228	Resp:	3230
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.1	36.1
229	22.5	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#24

Benzo(b)fluoranthene

Concen: 0.680 ng/ul m

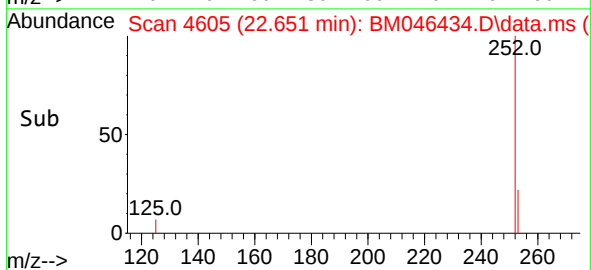
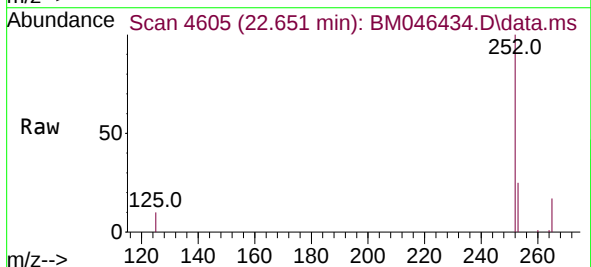
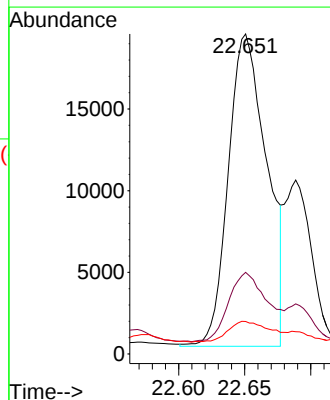
RT: 22.651 min Scan# 4605

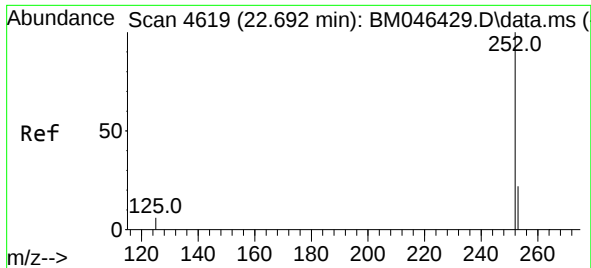
Delta R.T. -0.012 min

Lab File: BM046434.D

Acq: 08 Jul 2024 13:56

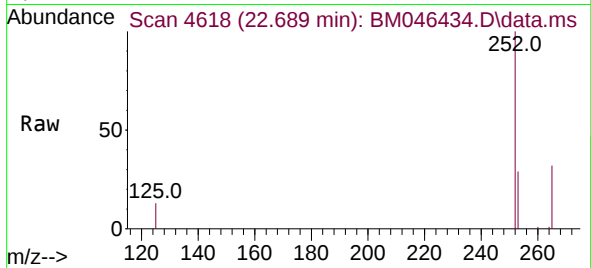
Tgt Ion:	252	Resp:	38744
Ion Ratio	Lower	Upper	
252	100		
253	25.5	0.0	47.0
125	10.2	0.0	18.4





#25
Benzo(k)fluoranthene
Concen: 0.251 ng/ul m
RT: 22.689 min Scan# 4619
Delta R.T. -0.018 min
Lab File: BM046434.D
Acq: 08 Jul 2024 13:56

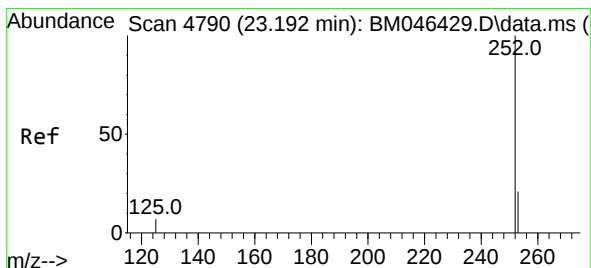
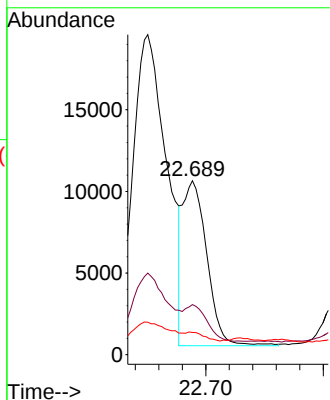
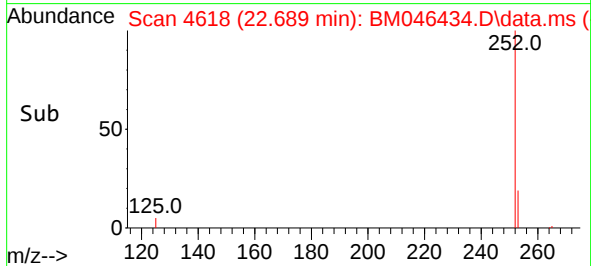
Instrument :
BNA_M
ClientSampleId :
A4B68DL



Tgt Ion:252 Resp: 1443
Ion Ratio Lower Upper
252 100
253 28.8 18.4 27.6
125 12.8 7.5 11.3

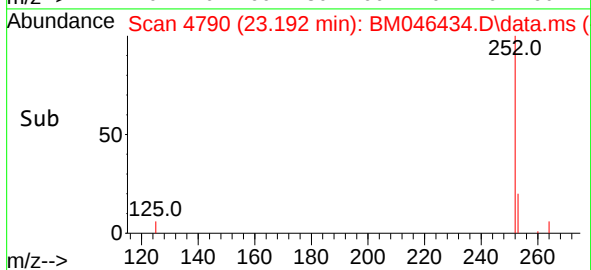
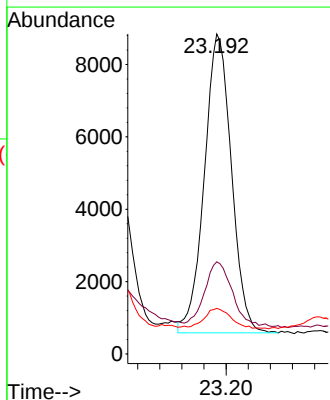
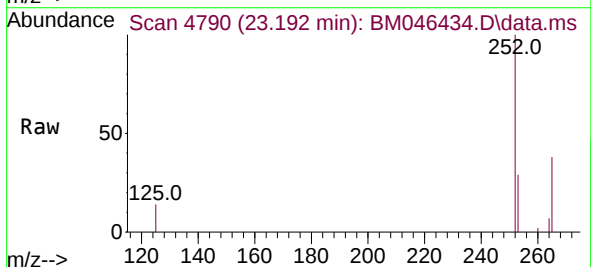
Manual Integrations
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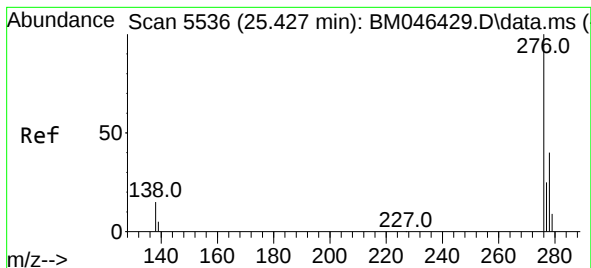
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#26
Benzo(a)pyrene
Concen: 0.311 ng/ul
RT: 23.192 min Scan# 4790
Delta R.T. -0.018 min
Lab File: BM046434.D
Acq: 08 Jul 2024 13:56

Tgt Ion:252 Resp: 14022
Ion Ratio Lower Upper
252 100
253 28.8 18.9 28.3#
125 14.3 8.1 12.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.205 ng/ul

RT: 25.423 min Scan# 5536

Delta R.T. -0.024 min

Lab File: BM046434.D

Acq: 08 Jul 2024 13:56

Instrument :

BNA_M

ClientSampleId :

A4B68DL

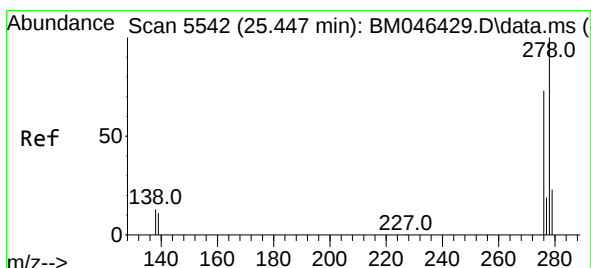
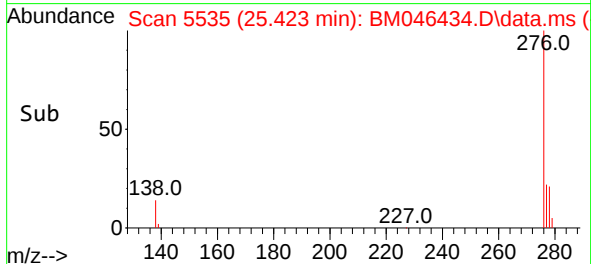
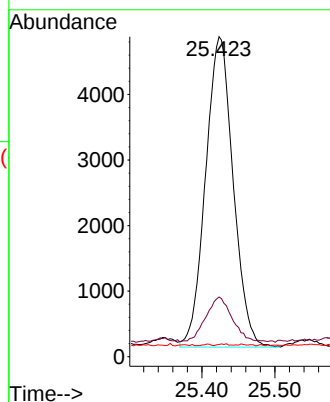
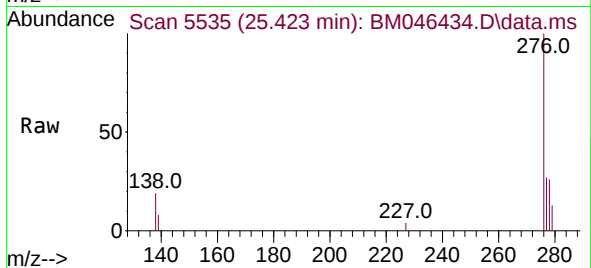
Tgt Ion:	276	Resp:	12449
Ion Ratio	Lower	Upper	
276	100		
138	14.2	15.7	23.5#
227	0.3	0.1	0.1#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.089 ng/ul

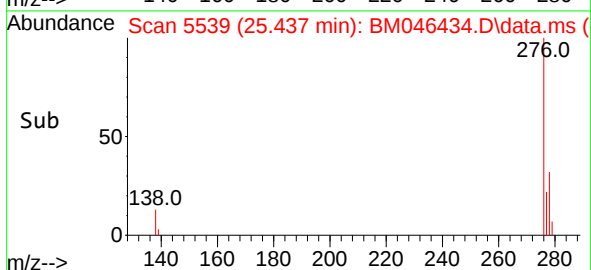
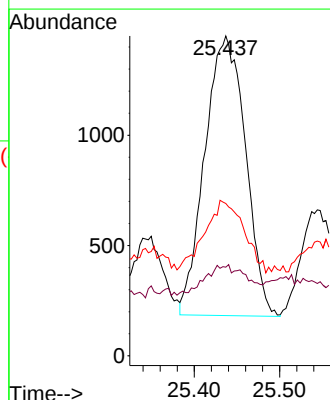
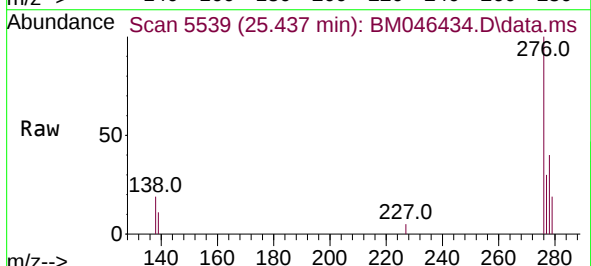
RT: 25.437 min Scan# 5539

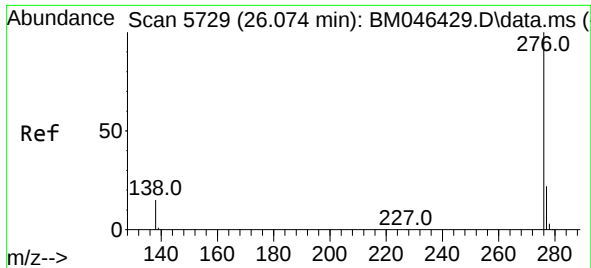
Delta R.T. -0.037 min

Lab File: BM046434.D

Acq: 08 Jul 2024 13:56

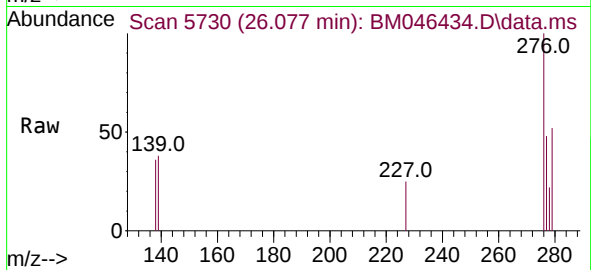
Tgt Ion:	278	Resp:	4183
Ion Ratio	Lower	Upper	
278	100		
139	27.7	12.6	18.8#
279	47.7	20.7	31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul
RT: 26.077 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM046434.D
Acq: 08 Jul 2024 13:56

Instrument :
BNA_M
ClientSampleId :
A4B68DL



Tgt Ion:276 Resp: 1970
Ion Ratio Lower Upper
276 100
138 36.0 15.4 23.0
277 48.3 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

