

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046416.D
 Acq On : 06 Jul 2024 13:21
 Operator : MA/JU
 Sample : P2982-10
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CF6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 08 00:48:25 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	9384	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	26561	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	15946	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	31736m	0.400	ng/ul	0.00
17) Chrysene-d12	21.138	240	17088	0.400	ng/ul	# 0.00
23) Perylene-d12	23.297	264	18022	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	26306	2.714	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	10084	0.257	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	18809	0.314	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.347	128	4895	0.069	ng/ul#	94
7) 2-Methylnaphthalene	11.975	142	2389	0.050	ng/ul	99
8) 1-Methylnaphthalene	12.200	142	1895	0.039	ng/ul	100
10) Acenaphthylene	13.895	152	27652	0.342	ng/ul	99
11) Acenaphthene	14.242	153	4948	0.094	ng/ul	97
12) Fluorene	15.236	166	8480	0.136	ng/ul	97
14) Pentachlorophenol	16.587	266	201	0.022	ng/ul	96
15) Phenanthrene	16.971	178	151908	1.598	ng/ul	99
16) Anthracene	17.064	178	40183	0.436	ng/ul	99
19) Fluoranthene	19.001	202	331706	3.840	ng/ul	97
20) Pyrene	19.363	202	274290	3.086	ng/ul	96
21) Benzo(a)anthracene	21.123	228	140083	1.835	ng/ul	94
22) Chrysene	21.176	228	140483	1.851	ng/ul	97
24) Benzo(b)fluoranthene	22.663	252	168111m	2.194	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	58067m	0.751	ng/ul	
26) Benzo(a)pyrene	23.207	252	83123	1.373	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.444	276	69150	0.845	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.457	278	21530	0.340	ng/ul#	79
29) Benzo(g,h,i)perylene	26.091	276	14281	0.219	ng/ul#	77

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

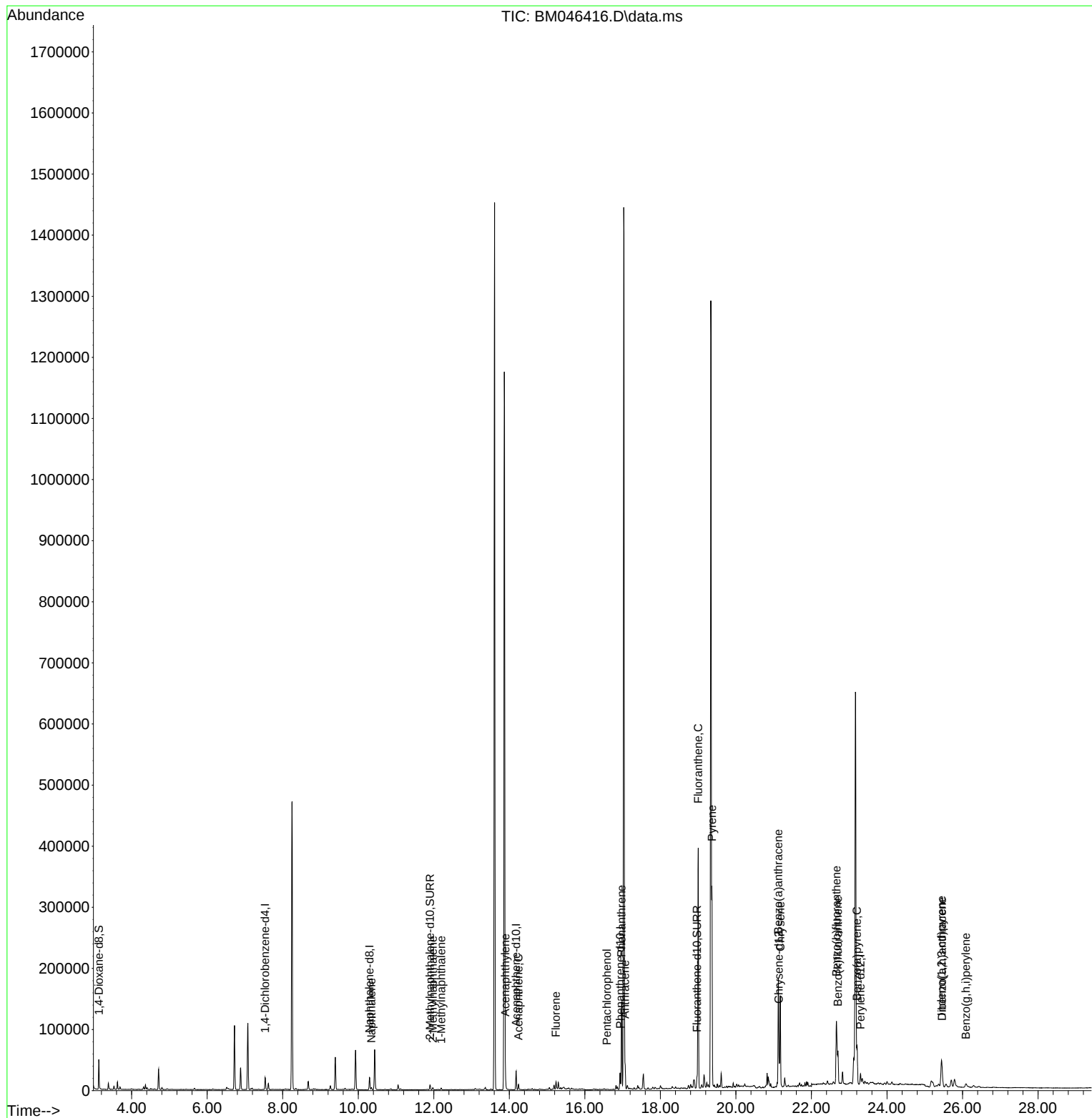
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046416.D
Acq On : 06 Jul 2024 13:21
Operator : MA/JU
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ALS Vial : 42 Sample Multiplier: 1

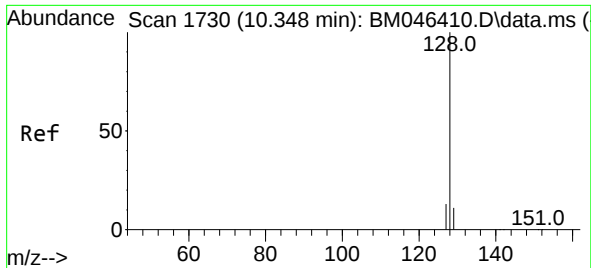
Instrument :
BNA_M
ClientSampleId :
A4CF6

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Supervised By :mohammad ahmed 07/08/2024

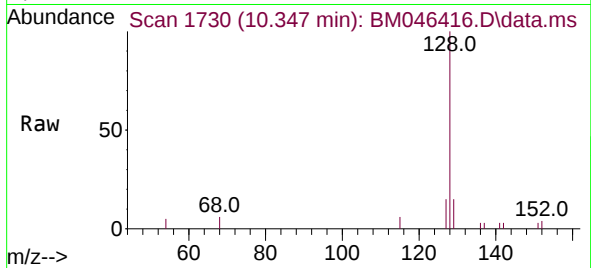
Quant Time: Jul 08 00:48:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

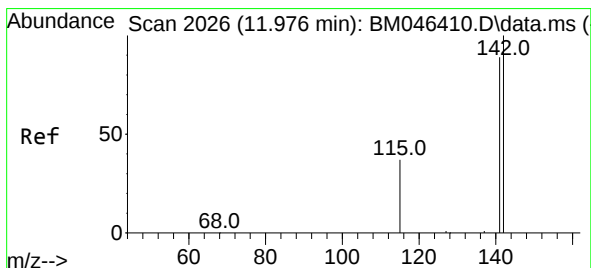
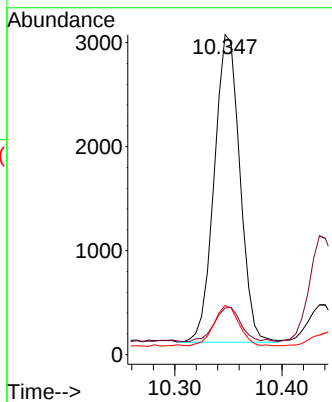
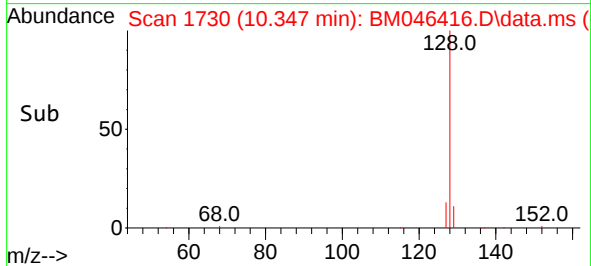
Instrument :
BNA_M
ClientSampleId :
A4CF6



Tgt Ion:128 Resp: 4895
Ion Ratio Lower Upper
128 100
129 14.6 9.4 14.0
127 15.4 10.8 16.2

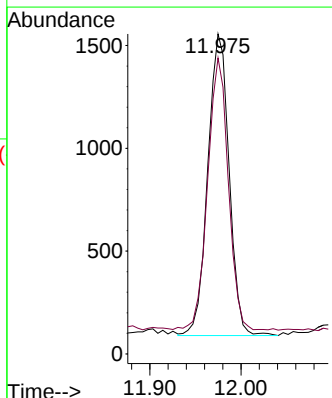
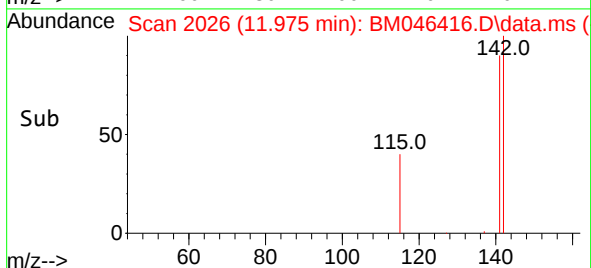
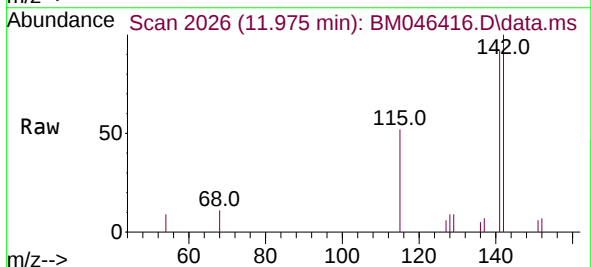
Manual Integrations
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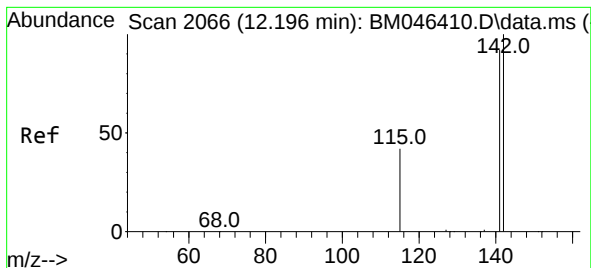
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 11.975 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

Tgt Ion:142 Resp: 2389
Ion Ratio Lower Upper
142 100
141 86.5 69.8 104.6





#8

1-Methylnaphthalene

Concen: 0.039 ng/ul

RT: 12.200 min Scan# 2066

Delta R.T. 0.000 min

Lab File: BM046416.D

Acq: 06 Jul 2024 13:21

Instrument :

BNA_M

ClientSampleId :

A4CF6

Tgt Ion:142 Resp: 189

Ion Ratio Lower Upper

142 100

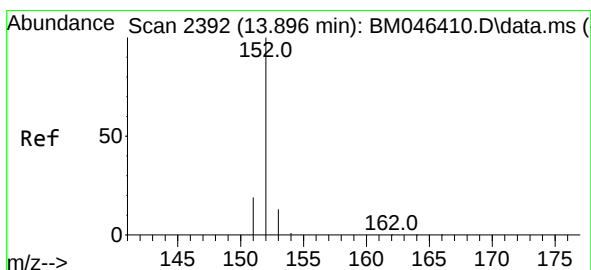
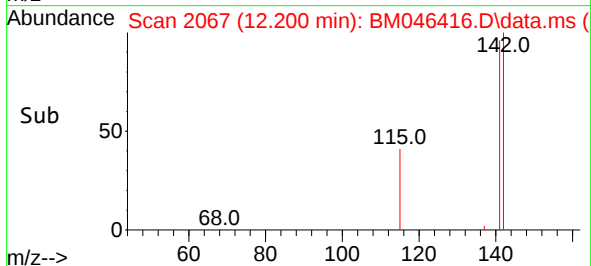
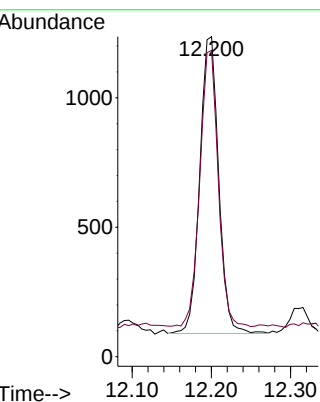
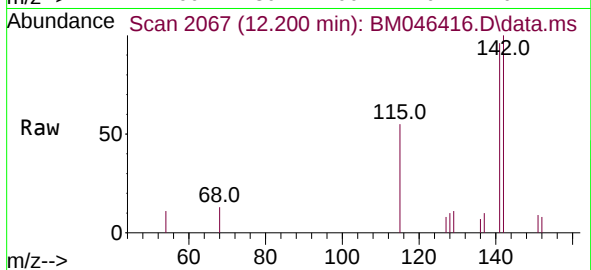
141 90.2 72.4 108.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

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#10

Acenaphthylene

Concen: 0.342 ng/ul

RT: 13.895 min Scan# 2392

Delta R.T. -0.004 min

Lab File: BM046416.D

Acq: 06 Jul 2024 13:21

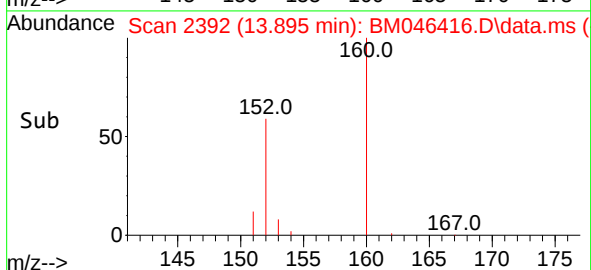
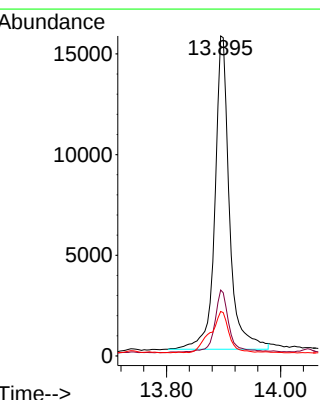
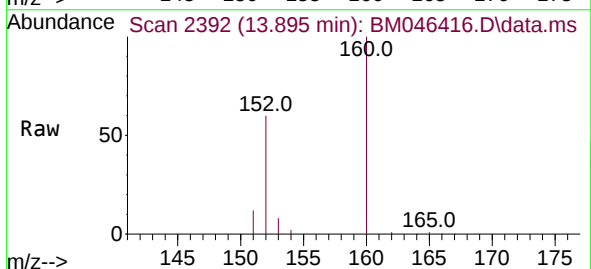
Tgt Ion:152 Resp: 27652

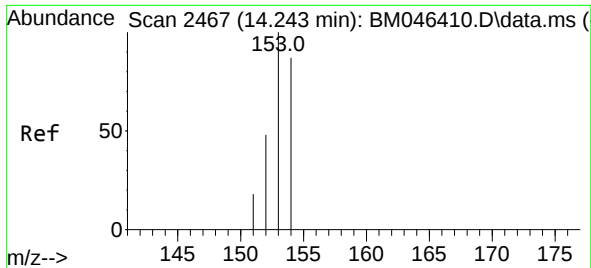
Ion Ratio Lower Upper

152 100

151 20.6 15.9 23.9

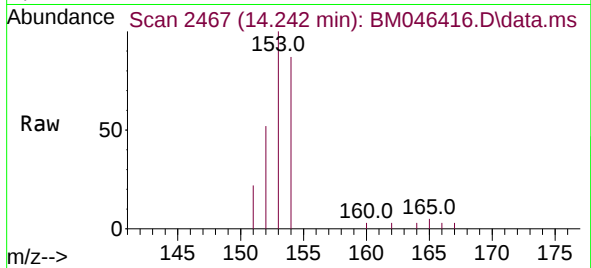
153 13.9 11.0 16.6





#11
Acenaphthene
Concen: 0.094 ng/u1
RT: 14.242 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

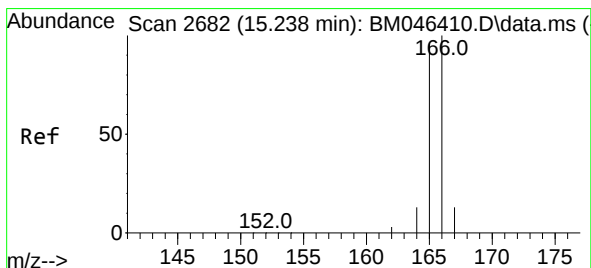
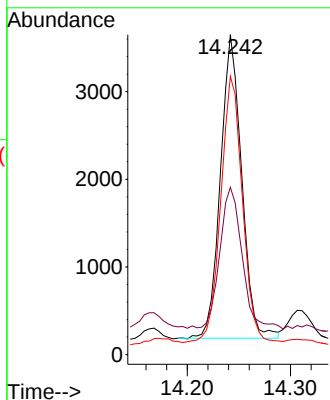
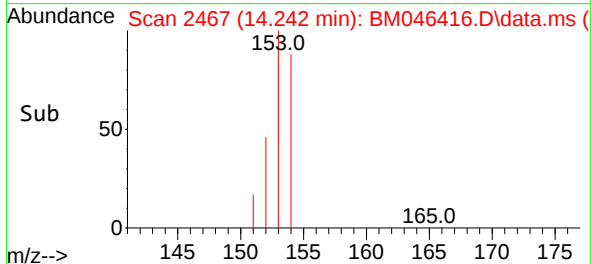
Instrument :
BNA_M
ClientSampleId :
A4CF6



Tgt Ion:153 Resp: 4948
Ion Ratio Lower Upper
153 100
152 52.3 40.4 60.6
154 87.0 72.1 108.1

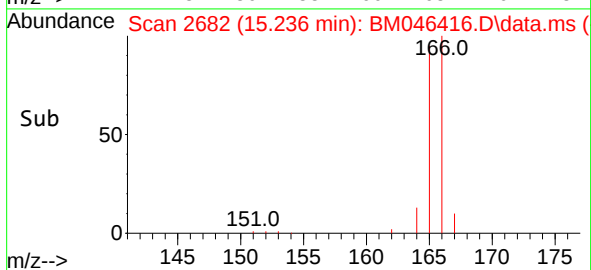
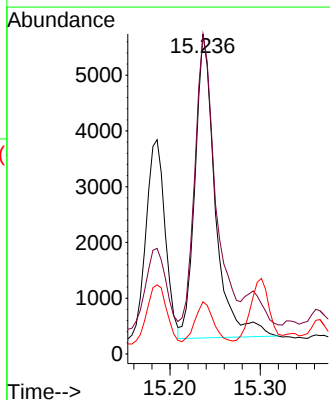
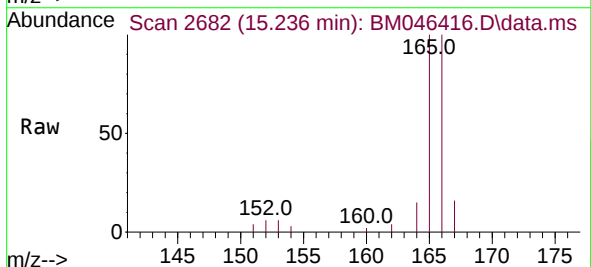
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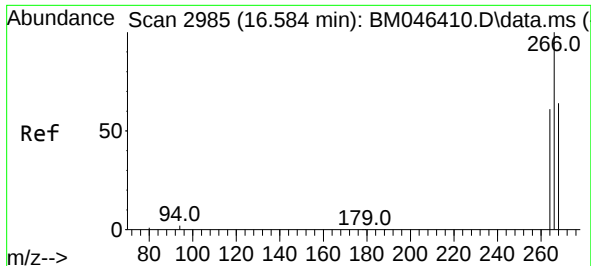
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.136 ng/u1
RT: 15.236 min Scan# 2682
Delta R.T. -0.004 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

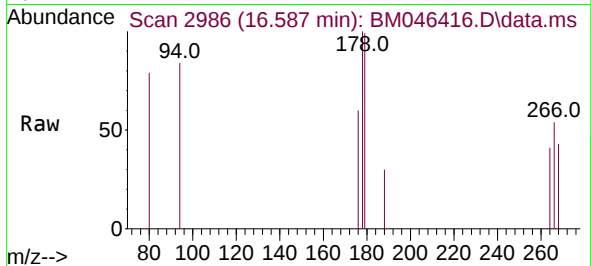
Tgt Ion:166 Resp: 8480
Ion Ratio Lower Upper
166 100
165 100.0 78.0 117.0
167 16.3 11.4 17.0





#14
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 16.587 min Scan# 2985
Delta R.T. 0.000 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

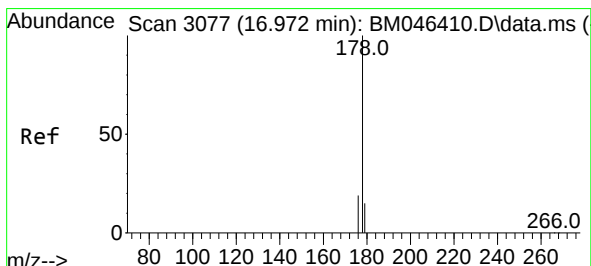
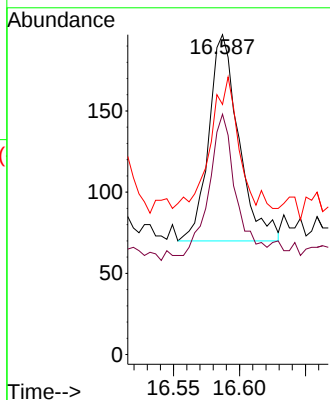
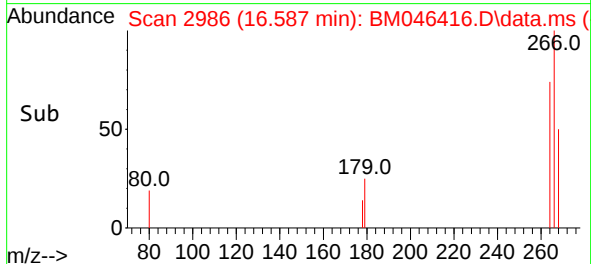
Instrument :
BNA_M
ClientSampleId :
A4CF6



Tgt Ion:266 Resp: 201
Ion Ratio Lower Upper
266 100
264 66.2 51.0 76.6
268 59.7 50.8 76.2

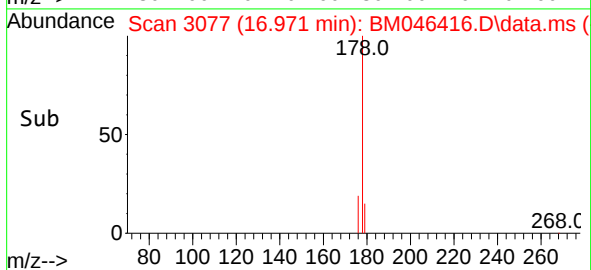
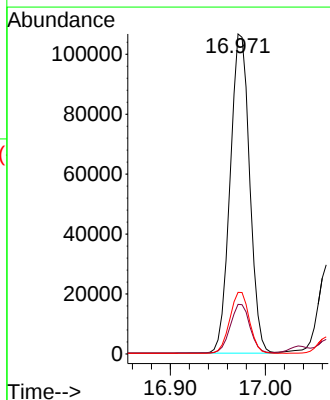
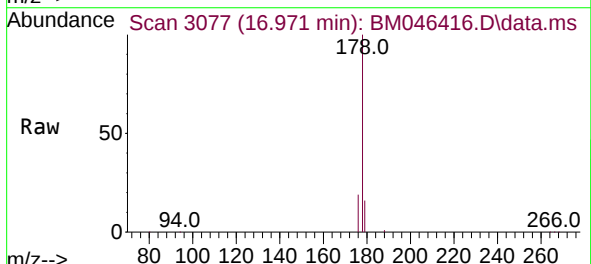
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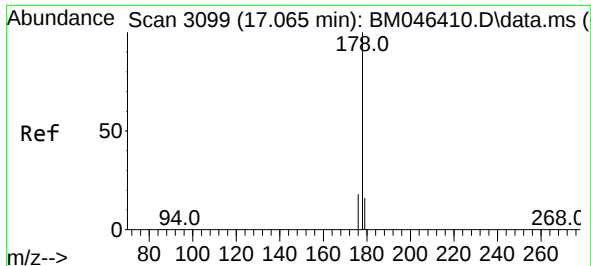
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#15
Phenanthrene
Concen: 1.598 ng/ul
RT: 16.971 min Scan# 3077
Delta R.T. -0.004 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

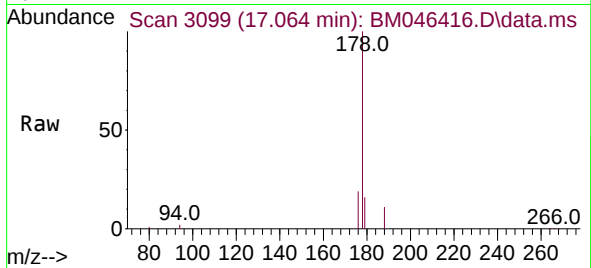
Tgt Ion:178 Resp: 151908
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.3 16.0 24.0





#16
 Anthracene
 Concen: 0.436 ng/u1
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM046416.D
 Acq: 06 Jul 2024 13:21

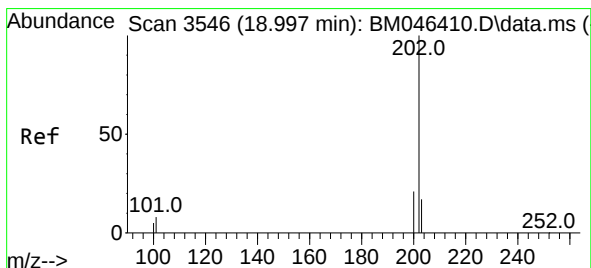
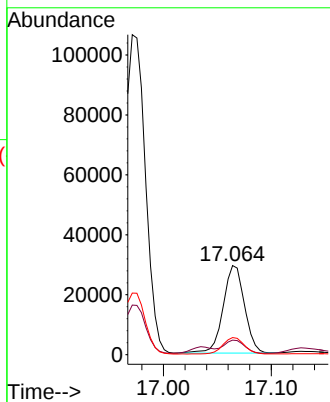
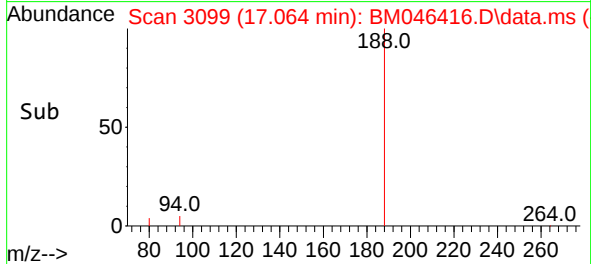
Instrument :
 BNA_M
 ClientSampleId :
 A4CF6



Tgt Ion:178 Resp: 40183
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.6 18.8
 176 19.3 14.9 22.3

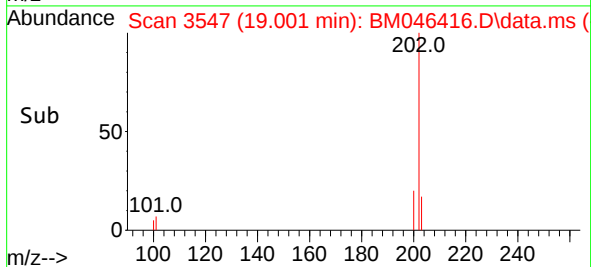
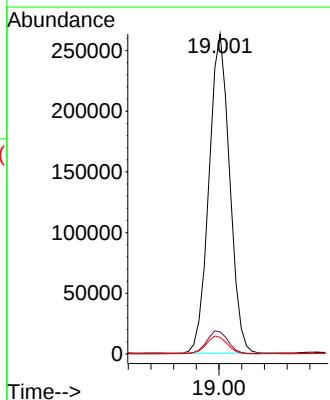
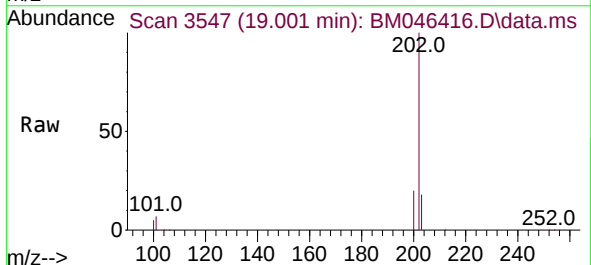
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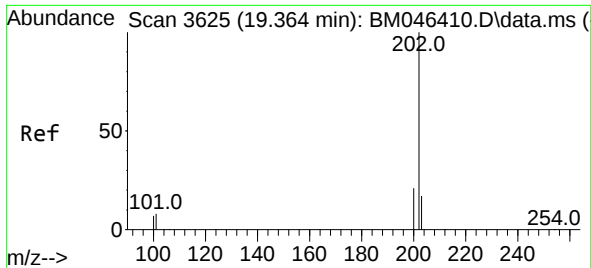
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#19
 Fluoranthene
 Concen: 3.840 ng/u1
 RT: 19.001 min Scan# 3547
 Delta R.T. -0.004 min
 Lab File: BM046416.D
 Acq: 06 Jul 2024 13:21

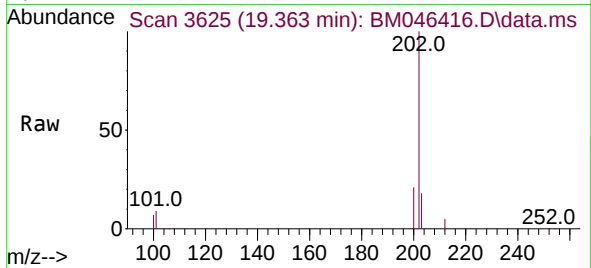
Tgt Ion:202 Resp: 331706
 Ion Ratio Lower Upper
 202 100
 101 6.9 6.3 9.5
 100 5.2 5.0 7.6





#20
 Pyrene
 Concen: 3.086 ng/u1
 RT: 19.363 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: BM046416.D
 Acq: 06 Jul 2024 13:21

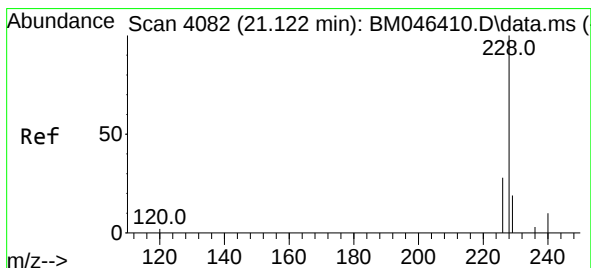
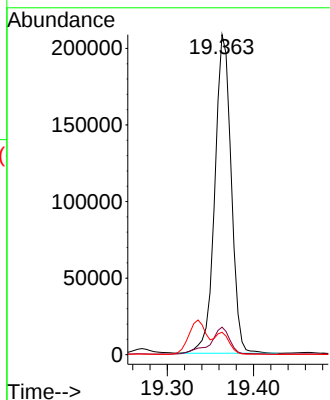
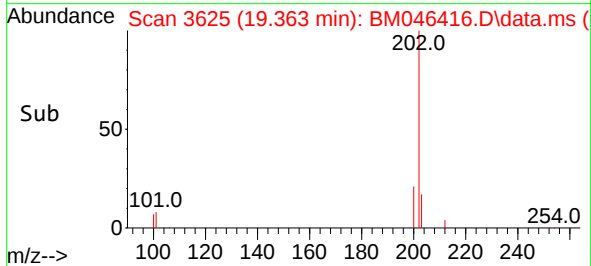
Instrument :
 BNA_M
 ClientSampleId :
 A4CF6



Tgt Ion:202 Resp: 274290
 Ion Ratio Lower Upper
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 101 8.6 8.2 12.4
 100 7.0 6.9 10.3

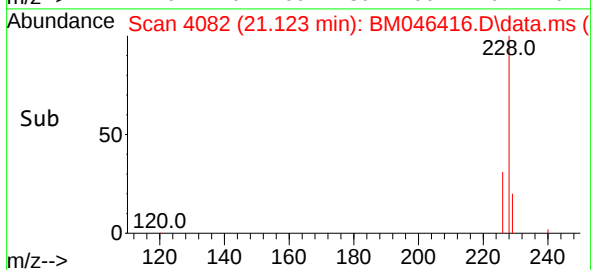
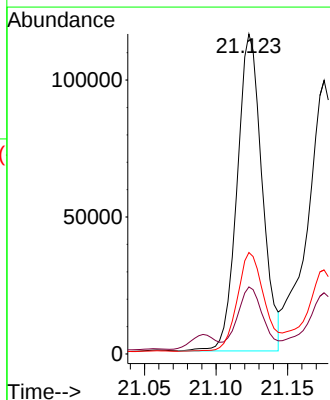
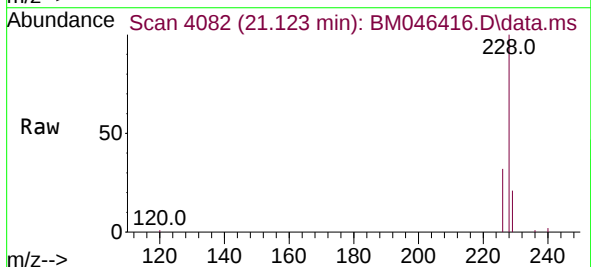
Manual Integrations
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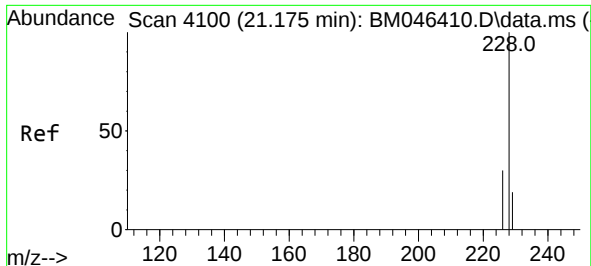
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#21
 Benzo(a)anthracene
 Concen: 1.835 ng/u1
 RT: 21.123 min Scan# 4082
 Delta R.T. -0.003 min
 Lab File: BM046416.D
 Acq: 06 Jul 2024 13:21

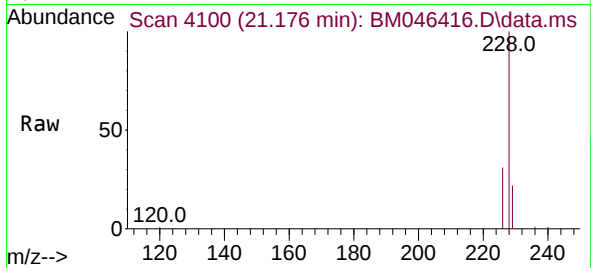
Tgt Ion:228 Resp: 140083
 Ion Ratio Lower Upper
 228 100
 229 21.0 15.8 23.6
 226 31.7 22.0 33.0





#22
Chrysene
Concen: 1.851 ng/ul
RT: 21.176 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

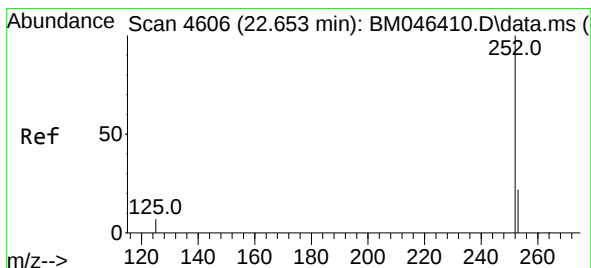
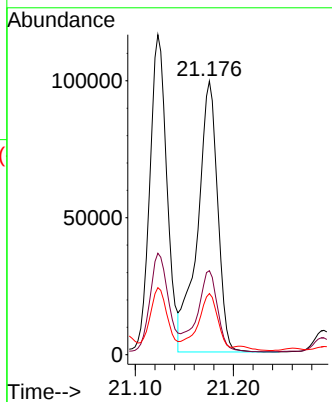
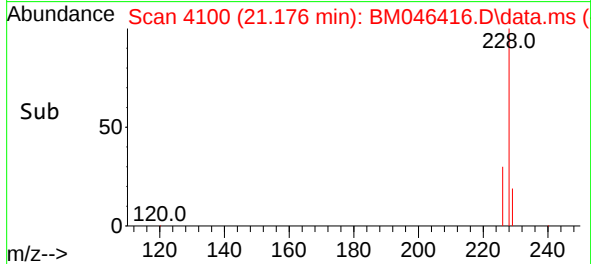
Instrument :
BNA_M
ClientSampleId :
A4CF6



Tgt Ion:228 Resp: 14048
Ion Ratio Lower Upper
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226 30.7 24.1 36.1
229 22.3 15.8 23.6

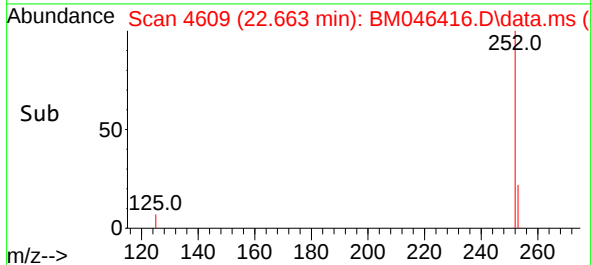
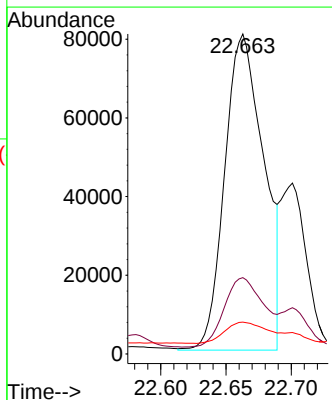
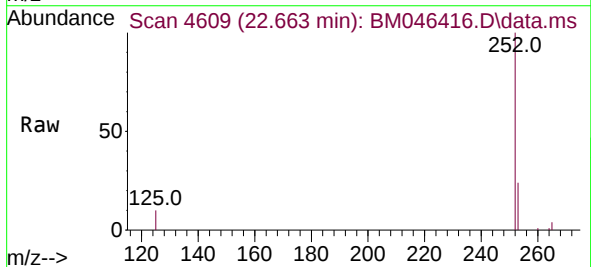
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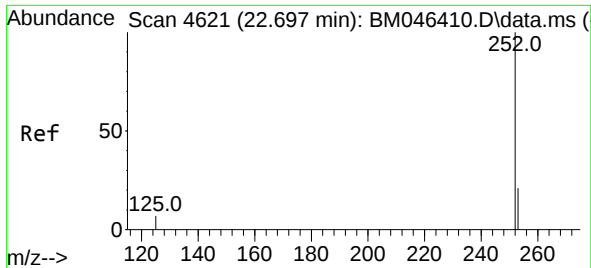
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#24
Benzo(b)fluoranthene
Concen: 2.194 ng/ul m
RT: 22.663 min Scan# 4609
Delta R.T. 0.000 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

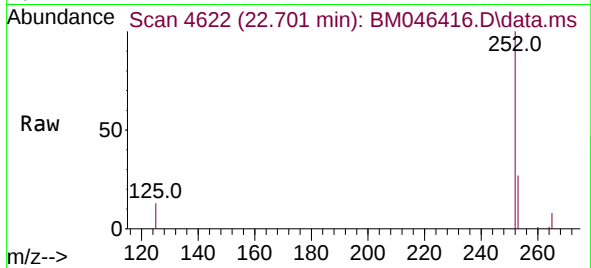
Tgt Ion:252 Resp: 168111
Ion Ratio Lower Upper
252 100
253 23.9 0.0 47.0
125 10.0 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 0.751 ng/ul m
RT: 22.701 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

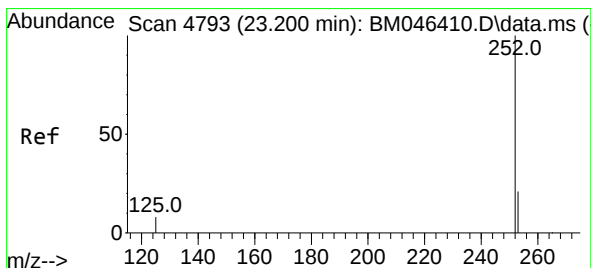
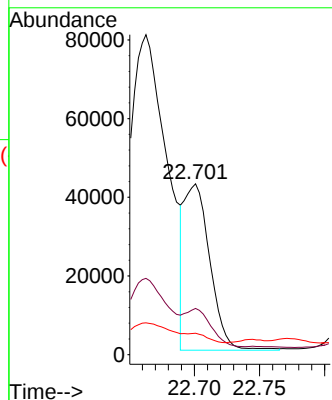
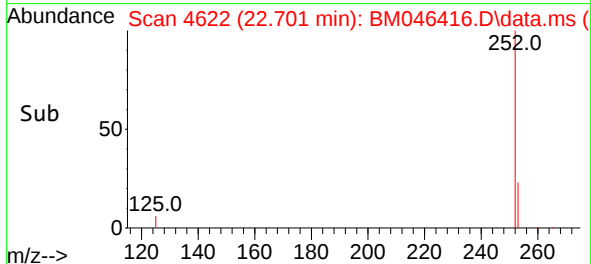
Instrument :
BNA_M
ClientSampleId :
A4CF6



Tgt Ion:252 Resp: 5806
Ion Ratio Lower Upper
252 100
253 27.1 18.4 27.6
125 12.5 7.5 11.3

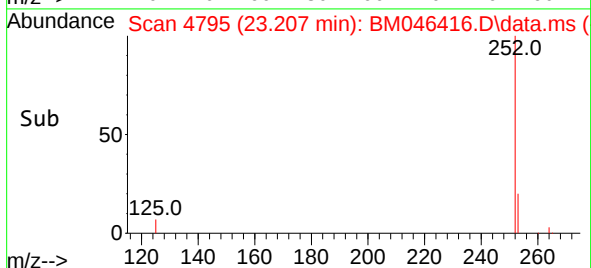
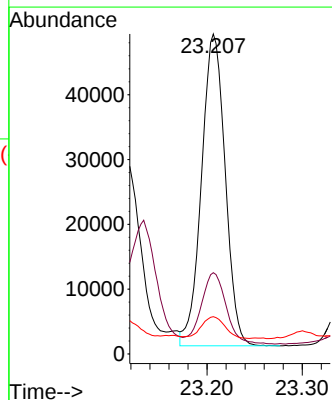
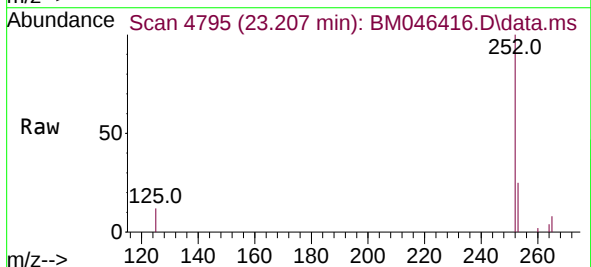
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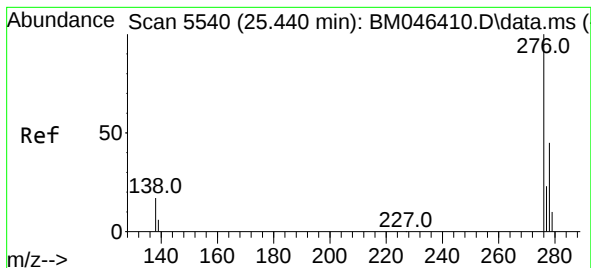
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#26
Benzo(a)pyrene
Concen: 1.373 ng/ul
RT: 23.207 min Scan# 4795
Delta R.T. -0.003 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

Tgt Ion:252 Resp: 83123
Ion Ratio Lower Upper
252 100
253 25.4 18.9 28.3
125 11.6 8.1 12.1





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.845 ng/ul

RT: 25.444 min Scan# 5541

Delta R.T. -0.003 min

Lab File: BM046416.D

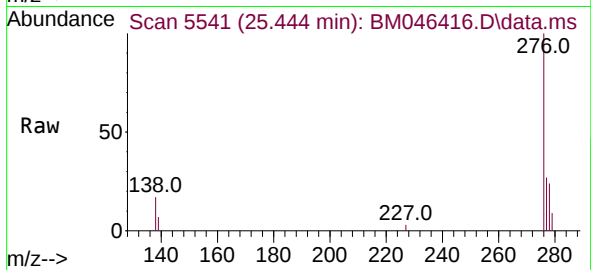
Acq: 06 Jul 2024 13:21

Instrument :

BNA_M

ClientSampleId :

A4CF6



Tgt Ion:276 Resp: 69150

Ion Ratio Lower Upper

276 100

138 15.2 15.7 23.5

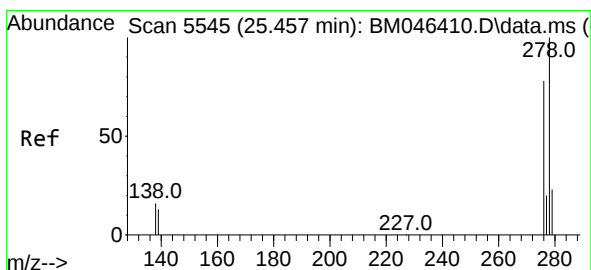
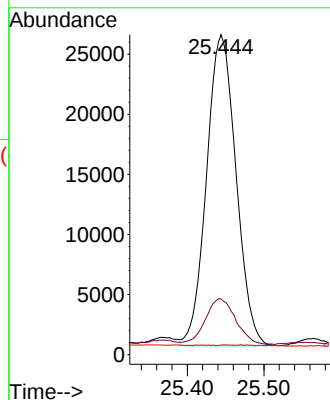
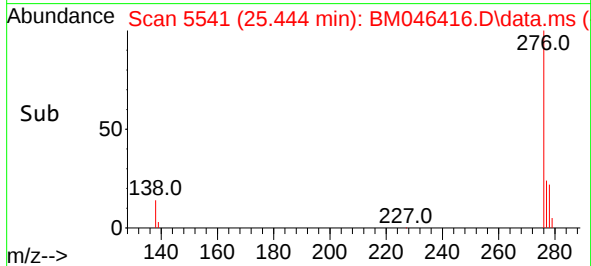
227 0.1 0.1 0.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.340 ng/ul

RT: 25.457 min Scan# 5545

Delta R.T. -0.017 min

Lab File: BM046416.D

Acq: 06 Jul 2024 13:21

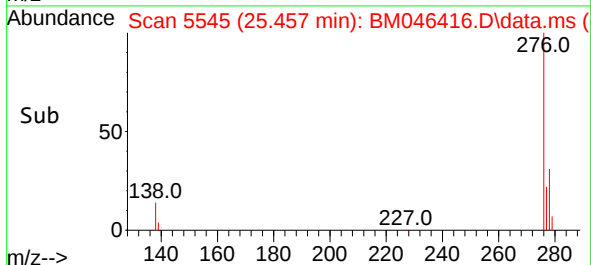
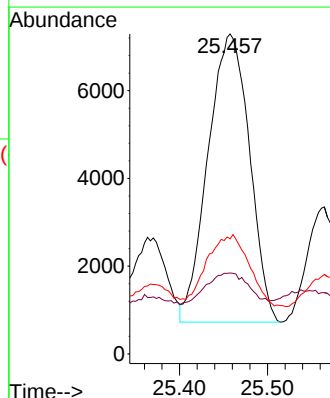
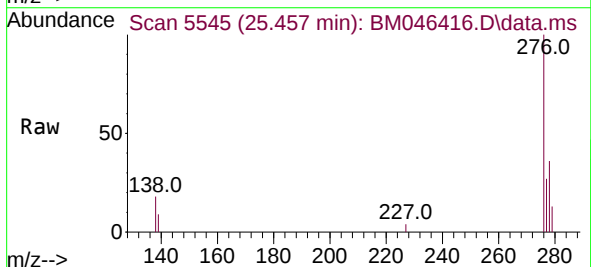
Tgt Ion:278 Resp: 21530

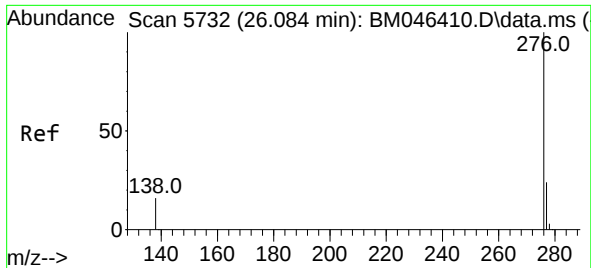
Ion Ratio Lower Upper

278 100

139 25.3 12.6 18.8#

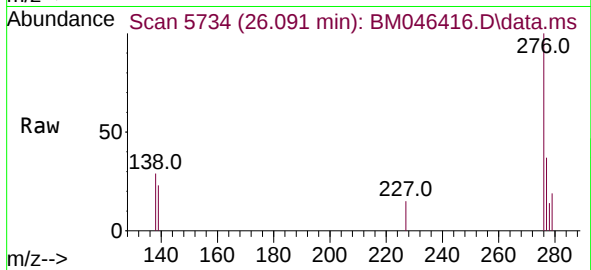
279 36.0 20.7 31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.219 ng/ul
RT: 26.091 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

Instrument :
BNA_M
ClientSampleId :
A4CF6



Tgt Ion:276 Resp: 1428
Ion Ratio Lower Upper
276 100
138 28.7 15.4 23.0
277 36.9 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

