

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046729.D
 Acq On : 19 Jul 2024 16:49
 Operator : MA/JU
 Sample : P3201-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CK1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 18:56:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	3317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	7522	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.132	164	5032	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	10841	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.096	240	7263	0.400	ng/ul	# 0.00
23) Perylene-d12	23.235	264	8908	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	6596	2.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	2509	0.207	ng/ul	0.00
18) Fluoranthene-d10	18.928	212	5698	0.258	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.293	128	12532	0.655	ng/ul	97
7) 2-Methylnaphthalene	11.921	142	5723	0.426	ng/ul	99
8) 1-Methylnaphthalene	12.146	142	3677	0.268	ng/ul	100
10) Acenaphthylene	13.845	152	33494	1.462	ng/ul	98
11) Acenaphthene	14.192	153	8889	0.579	ng/ul	97
12) Fluorene	15.192	166	12307	0.648	ng/ul	98
14) Pentachlorophenol	16.542	266	645	0.117	ng/ul	98
15) Phenanthrene	16.926	178	239082	7.728	ng/ul	98
16) Anthracene	17.019	178	56469	1.870	ng/ul	98
19) Fluoranthene	18.956	202	443124	14.854	ng/ul	99
20) Pyrene	19.323	202	324925	10.060	ng/ul	99
21) Benzo(a)anthracene	21.079	228	207683	6.464	ng/ul	97
22) Chrysene	21.131	228	236854	7.618	ng/ul	99
24) Benzo(b)fluoranthene	22.601	252	332765m	9.352	ng/ul	
25) Benzo(k)fluoranthene	22.642	252	111372m	3.188	ng/ul	
26) Benzo(a)pyrene	23.142	252	115576	3.947	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.350	276	131455	2.950	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.356	278	43876	1.244	ng/ul#	94
29) Benzo(g,h,i)perylene	25.994	276	19951	0.561	ng/ul#	86

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

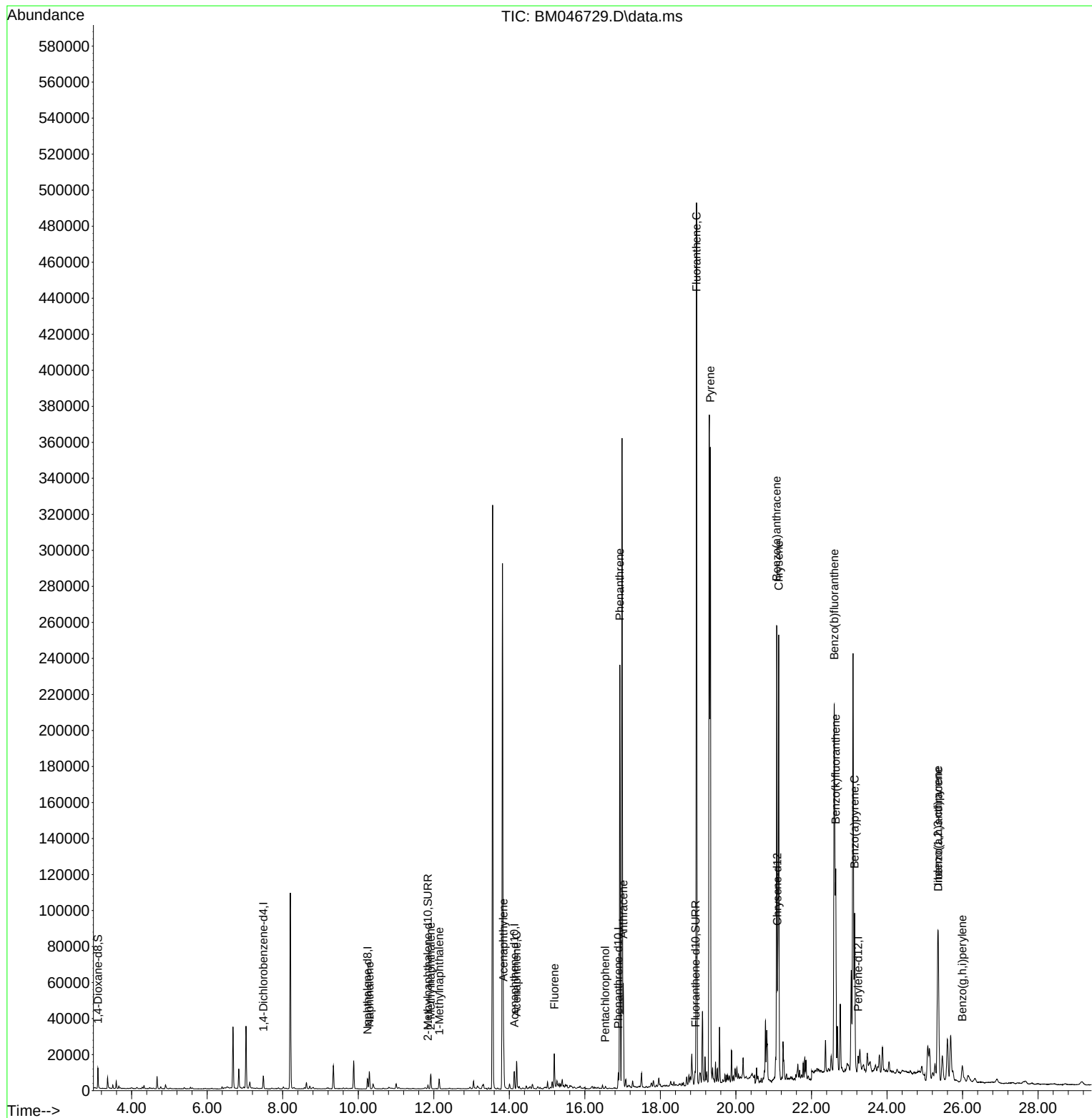
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046729.D
Acq On : 19 Jul 2024 16:49
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ALS Vial : 11 Sample Multiplier: 1

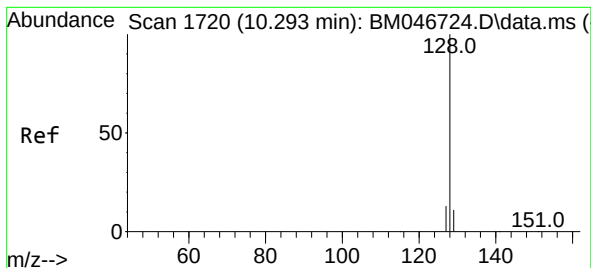
Instrument :
BNA_M
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A4CK1

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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 18:56:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.655 ng/ul

RT: 10.293 min Scan# 1720

Delta R.T. -0.004 min

Lab File: BM046729.D

Acq: 19 Jul 2024 16:49

Instrument :

BNA_M

ClientSampleId :

A4CK1

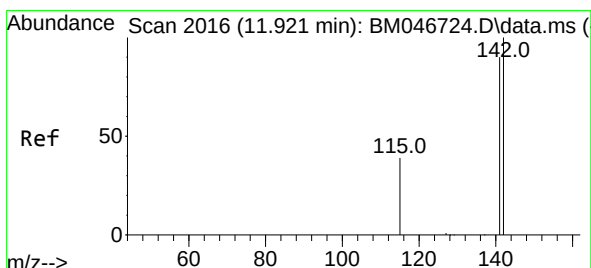
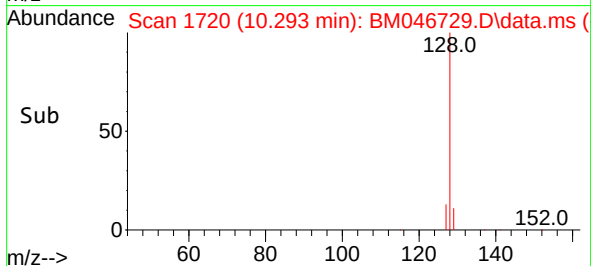
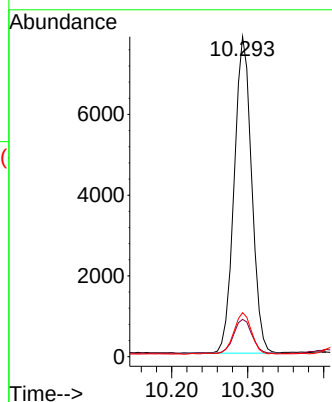
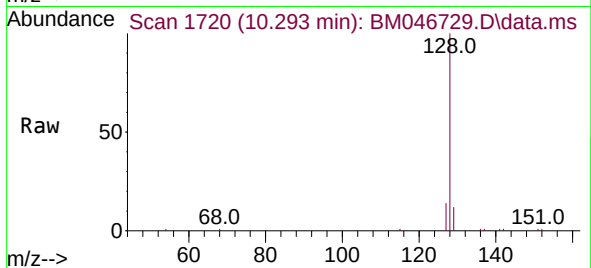
Tgt Ion:128	Resp:	1253
Ion Ratio	Lower	Upper
128	100	
129	11.6	10.3 15.5
127	13.8	12.2 18.4

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#7

2-Methylnaphthalene

Concen: 0.426 ng/ul

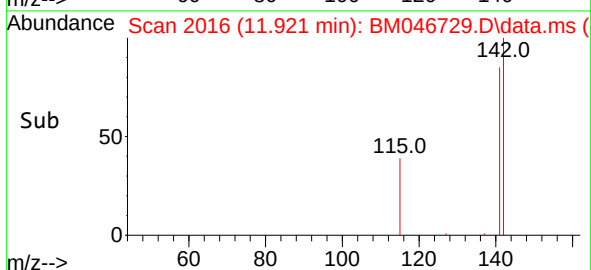
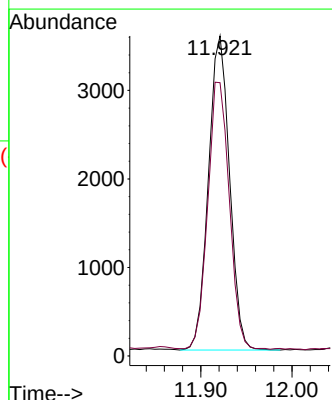
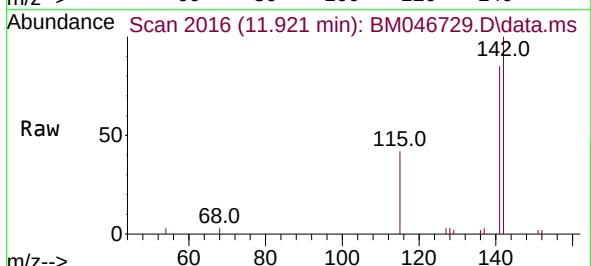
RT: 11.921 min Scan# 2016

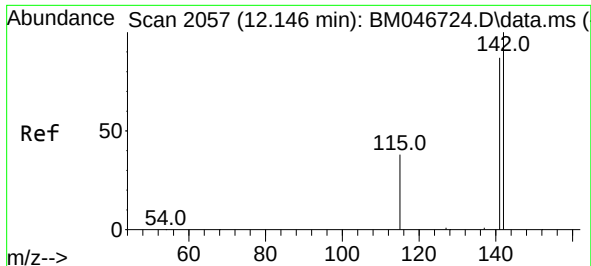
Delta R.T. 0.001 min

Lab File: BM046729.D

Acq: 19 Jul 2024 16:49

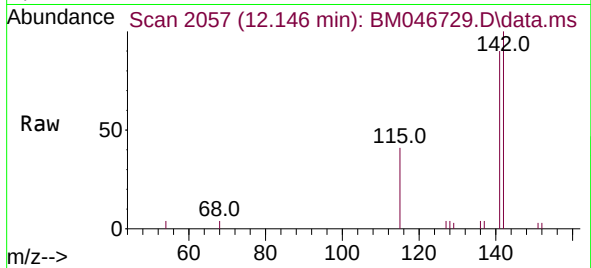
Tgt Ion:142	Resp:	5723
Ion Ratio	Lower	Upper
142	100	
141	86.7	70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 12.146 min Scan# 2057
Delta R.T. 0.001 min
Lab File: BM046729.D
Acq: 19 Jul 2024 16:49

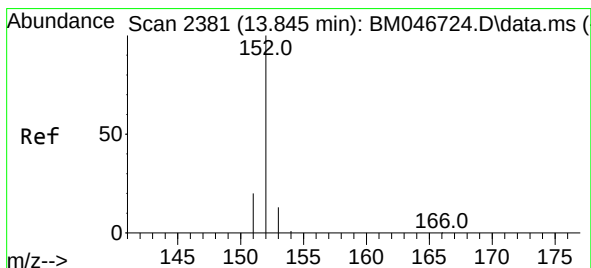
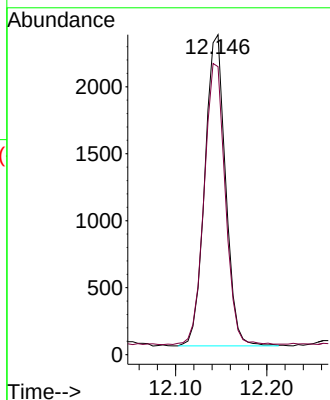
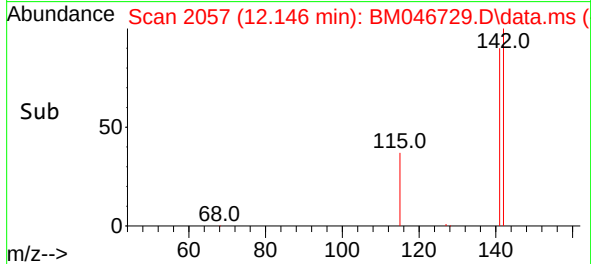
Instrument :
BNA_M
ClientSampleId :
A4CK1



Tgt Ion:142 Resp: 367
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9

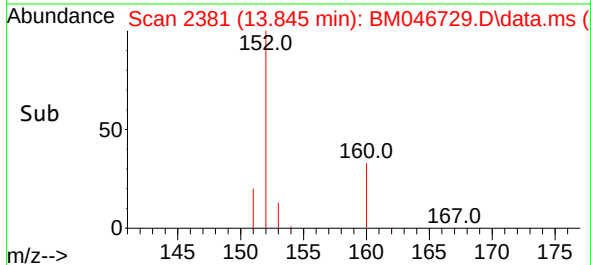
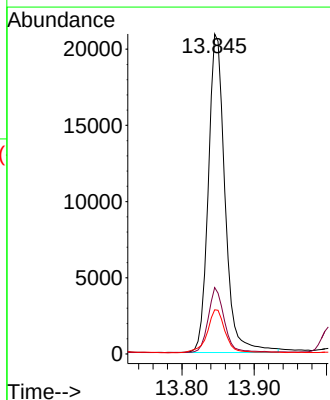
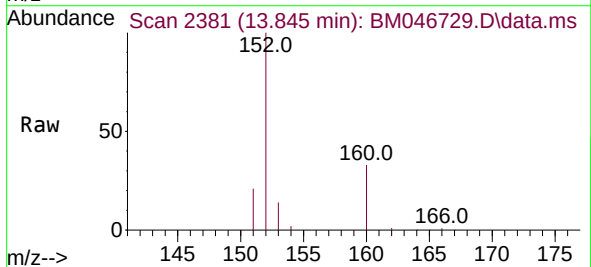
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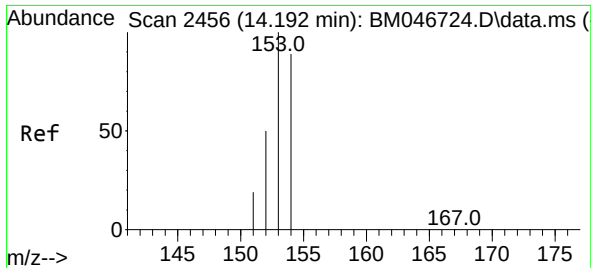
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#10
Acenaphthylene
Concen: 1.462 ng/ul
RT: 13.845 min Scan# 2381
Delta R.T. -0.003 min
Lab File: BM046729.D
Acq: 19 Jul 2024 16:49

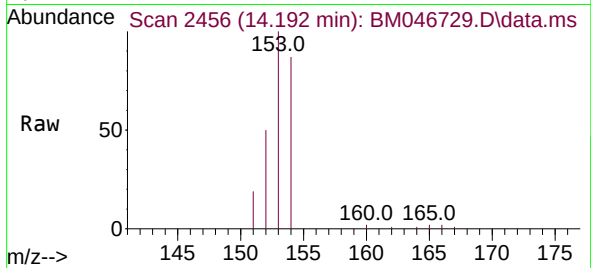
Tgt Ion:152 Resp: 33494
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.8 12.4 18.6





#11
Acenaphthene
Concen: 0.579 ng/uI
RT: 14.192 min Scan# 2456
Delta R.T. -0.003 min
Lab File: BM046729.D
Acq: 19 Jul 2024 16:49

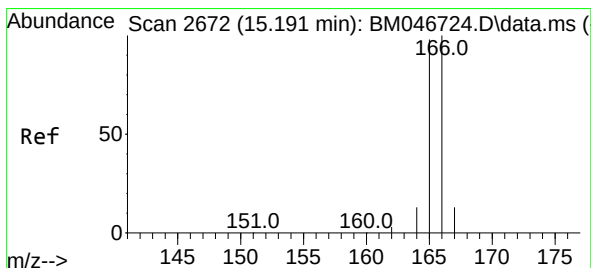
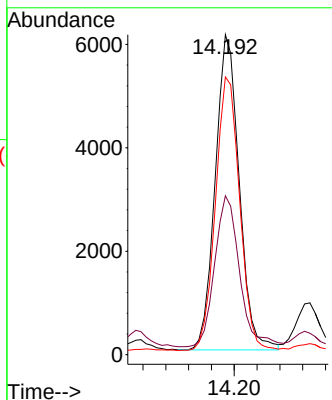
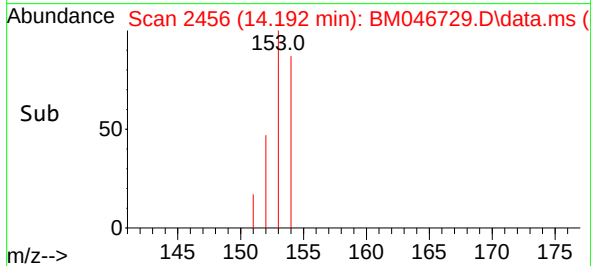
Instrument :
BNA_M
ClientSampleId :
A4CK1



Tgt Ion:153 Resp: 8889
Ion Ratio Lower Upper
153 100
152 49.7 43.0 64.6
154 86.8 69.9 104.9

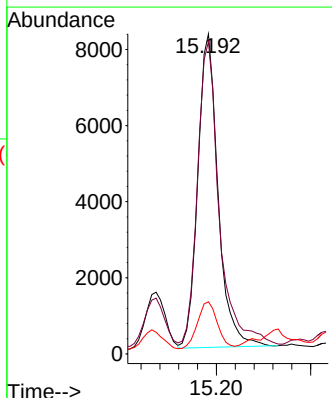
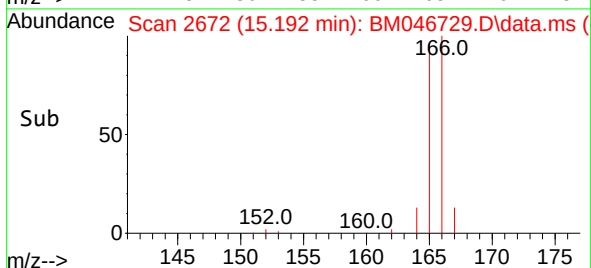
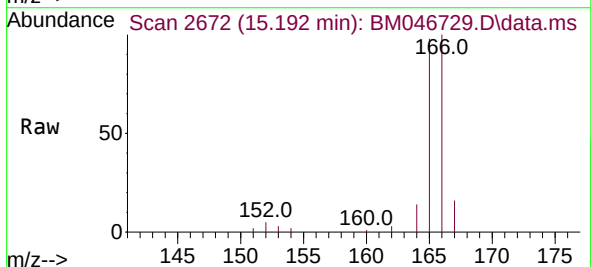
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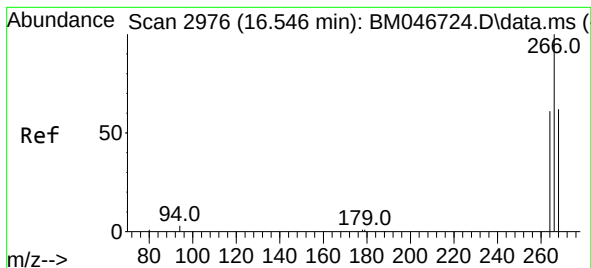
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#12
Fluorene
Concen: 0.648 ng/uI
RT: 15.192 min Scan# 2672
Delta R.T. 0.001 min
Lab File: BM046729.D
Acq: 19 Jul 2024 16:49

Tgt Ion:166 Resp: 12307
Ion Ratio Lower Upper
166 100
165 97.6 76.1 114.1
167 16.3 12.5 18.7





#14

Pentachlorophenol

Concen: 0.117 ng/ul

RT: 16.542 min Scan# 2976

Delta R.T. -0.003 min

Lab File: BM046729.D

Acq: 19 Jul 2024 16:49

Instrument :

BNA_M

ClientSampleId :

A4CK1

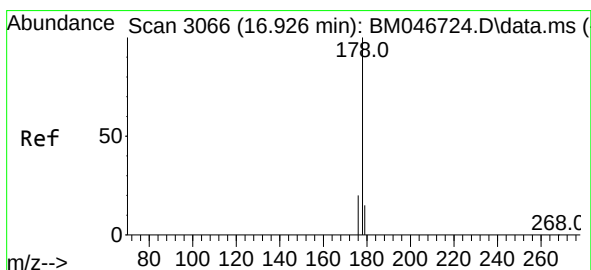
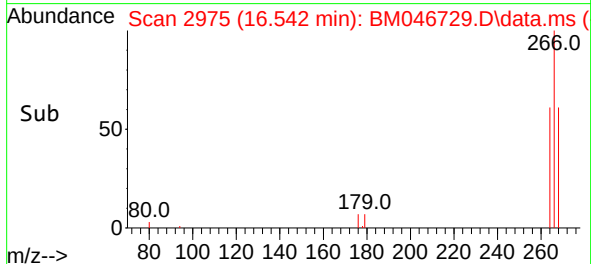
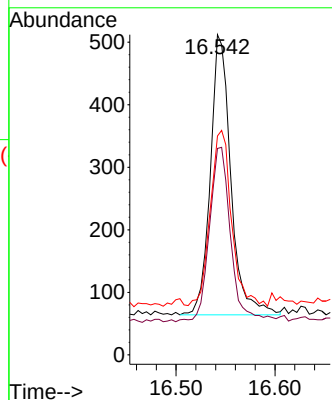
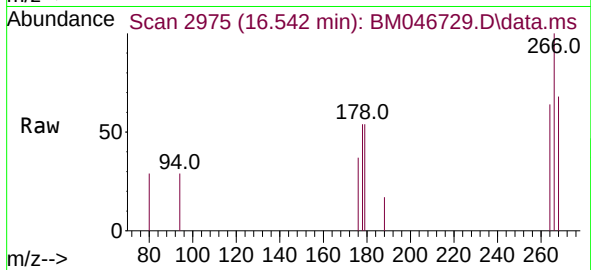
Tgt Ion:266	Resp:	64.8
Ion Ratio	Lower	Upper
266	100	
264	64.3	50.1 75.1
268	64.8	52.5 78.7

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Supervised By :mohammad ahmed 07/20/2024



#15

Phenanthrene

Concen: 7.728 ng/ul

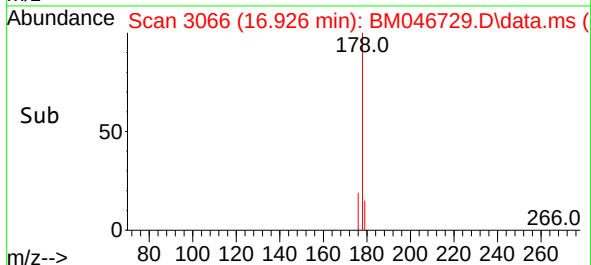
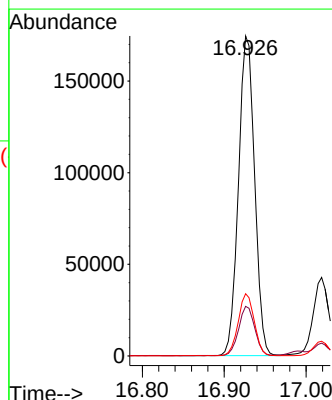
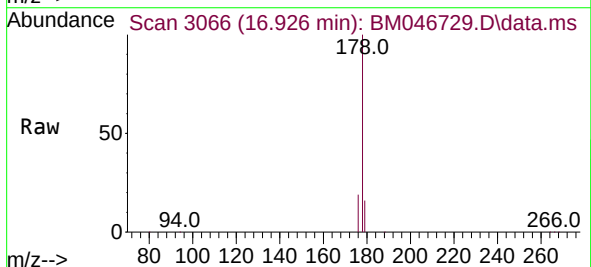
RT: 16.926 min Scan# 3066

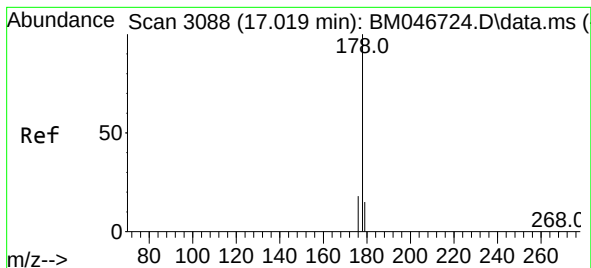
Delta R.T. 0.001 min

Lab File: BM046729.D

Acq: 19 Jul 2024 16:49

Tgt Ion:178	Resp:	239082
Ion Ratio	Lower	Upper
178	100	
179	15.5	13.1 19.7
176	19.4	16.0 24.0





#16

Anthracene

Concen: 1.870 ng/ul

RT: 17.019 min Scan# 3088

Delta R.T. 0.001 min

Lab File: BM046729.D

Acq: 19 Jul 2024 16:49

Instrument :

BNA_M

ClientSampleId :

A4CK1

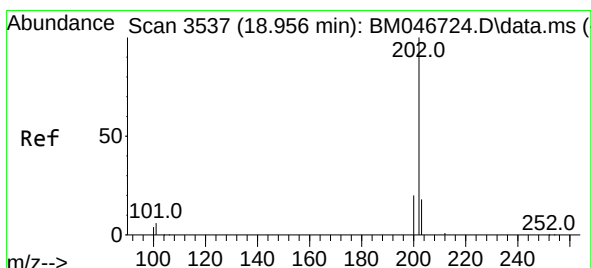
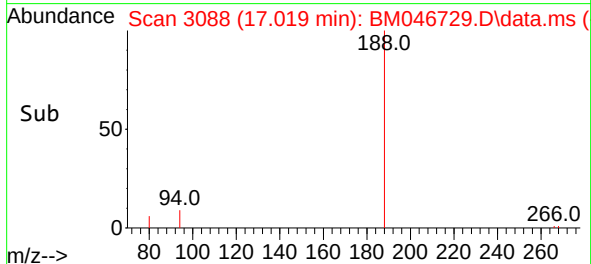
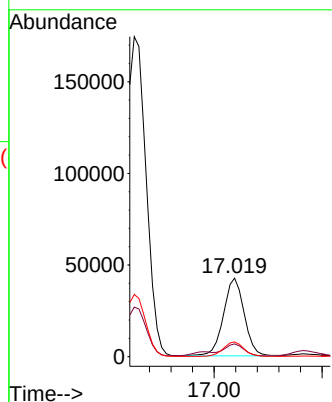
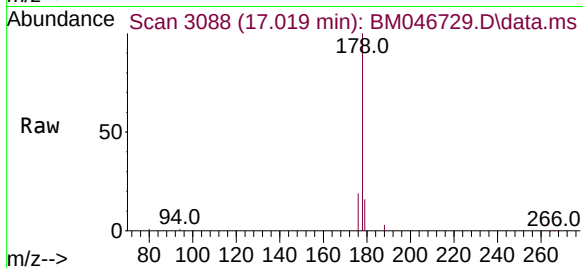
Tgt Ion:	178	Resp:	56469
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.5	20.3
176	18.7	15.7	23.5

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#19

Fluoranthene

Concen: 14.854 ng/ul

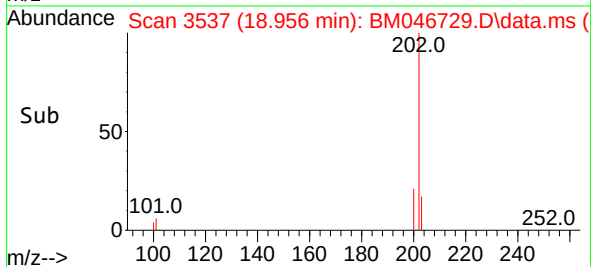
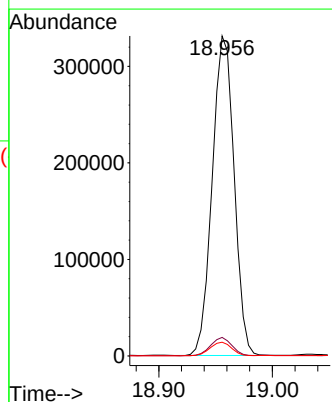
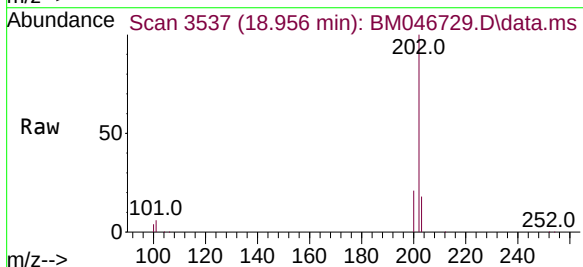
RT: 18.956 min Scan# 3537

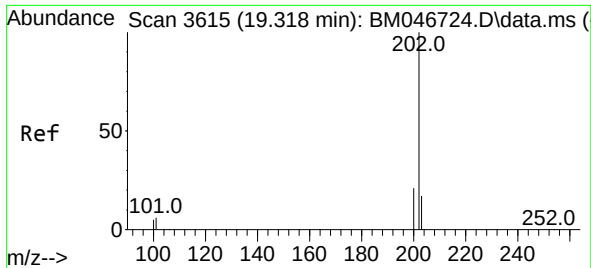
Delta R.T. 0.001 min

Lab File: BM046729.D

Acq: 19 Jul 2024 16:49

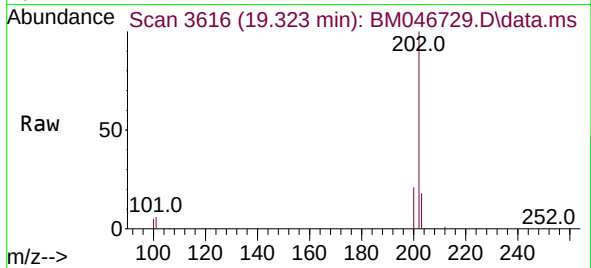
Tgt Ion:	202	Resp:	443124
Ion Ratio	Lower	Upper	
202	100		
101	5.8	4.6	6.8
100	4.3	3.0	4.6





#20
Pyrene
Concen: 10.060 ng/u1
RT: 19.323 min Scan# 30
Delta R.T. 0.001 min
Lab File: BM046729.D
Acq: 19 Jul 2024 16:49

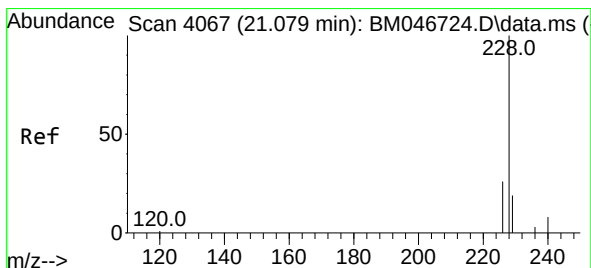
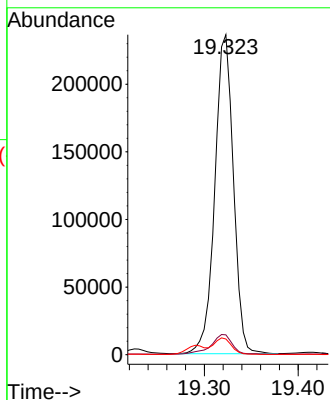
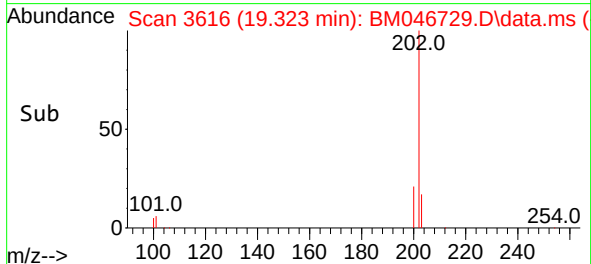
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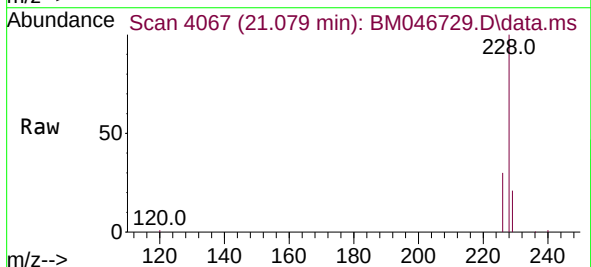
Tgt Ion:202 Resp: 32492
Ion Ratio Lower Upper
202 100
101 6.2 5.1 7.7
100 4.9 3.8 5.6

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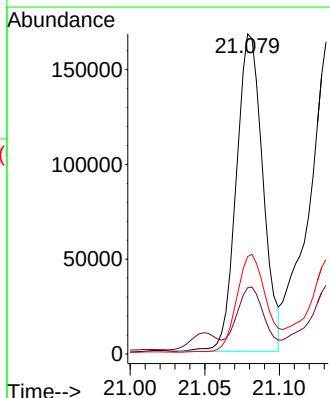
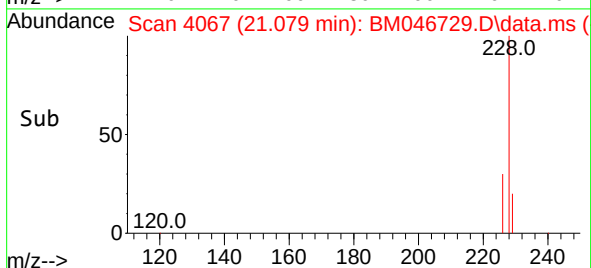
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

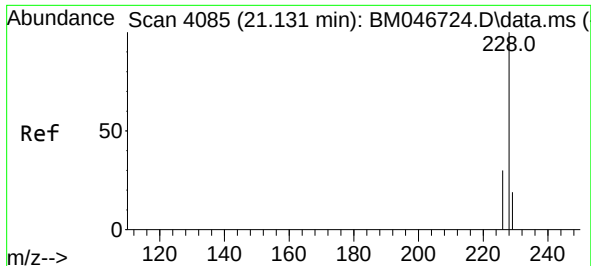


#21
Benzo(a)anthracene
Concen: 6.464 ng/u1
RT: 21.079 min Scan# 4067
Delta R.T. -0.000 min
Lab File: BM046729.D
Acq: 19 Jul 2024 16:49



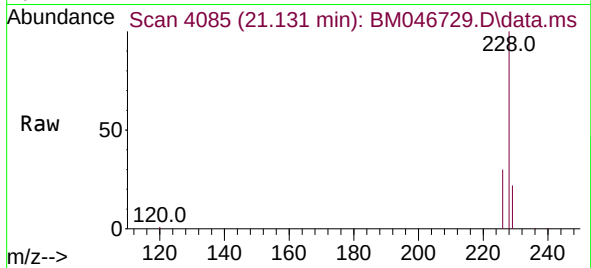
Tgt Ion:228 Resp: 207683
Ion Ratio Lower Upper
228 100
229 20.7 16.5 24.7
226 30.4 22.5 33.7





#22
Chrysene
Concen: 7.618 ng/ul
RT: 21.131 min Scan# 4085
Delta R.T. -0.000 min
Lab File: BM046729.D
Acq: 19 Jul 2024 16:49

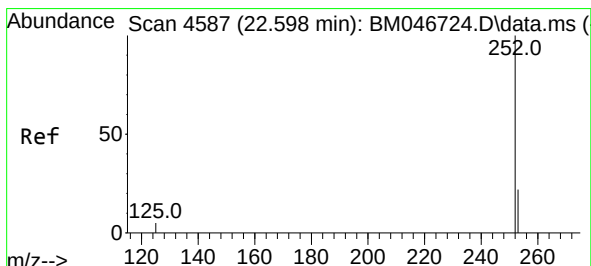
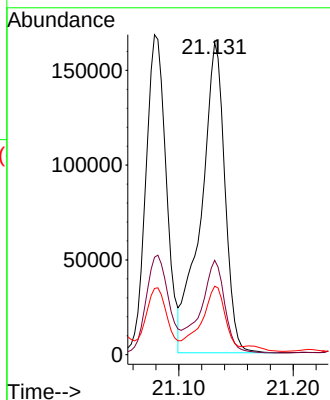
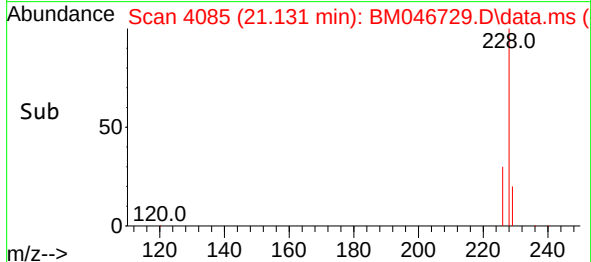
Instrument :
BNA_M
ClientSampleId :
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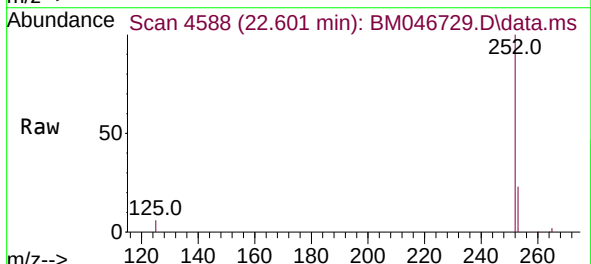
Tgt Ion:228 Resp: 236854
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 21.9 16.4 24.6

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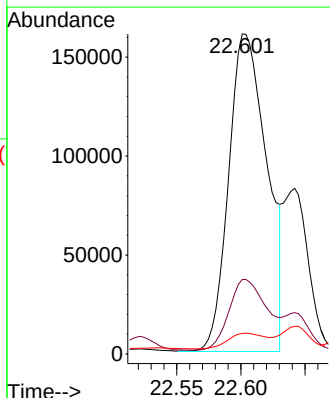
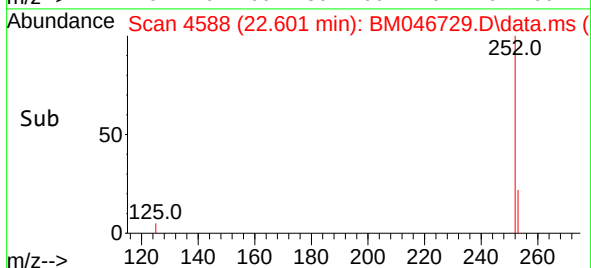
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

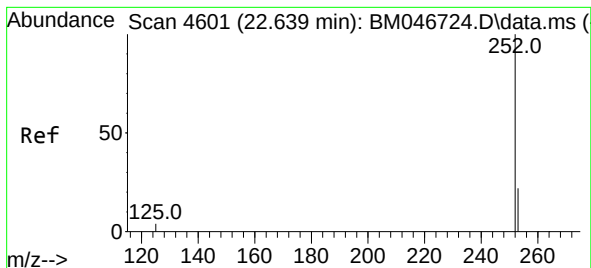


#24
Benzo(b)fluoranthene
Concen: 9.352 ng/ul m
RT: 22.601 min Scan# 4588
Delta R.T. 0.002 min
Lab File: BM046729.D
Acq: 19 Jul 2024 16:49



Tgt Ion:252 Resp: 332765
Ion Ratio Lower Upper
252 100
253 23.2 0.0 56.2
125 6.4 0.0 17.8





#25

Benzo(k)fluoranthene

Concen: 3.188 ng/ul m

RT: 22.642 min Scan# 4

Delta R.T. 0.002 min

Lab File: BM046729.D

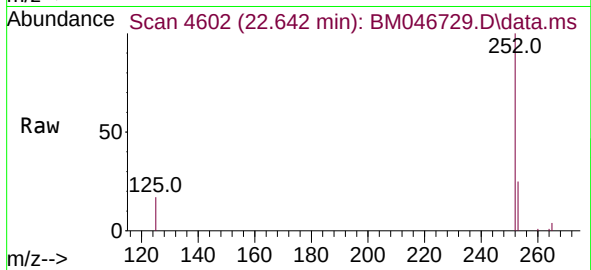
Acq: 19 Jul 2024 16:49

Instrument :

BNA_M

ClientSampleId :

A4CK1



Tgt Ion:252 Resp: 111372

Ion Ratio Lower Upper

252 100

253 24.9 22.4 33.6

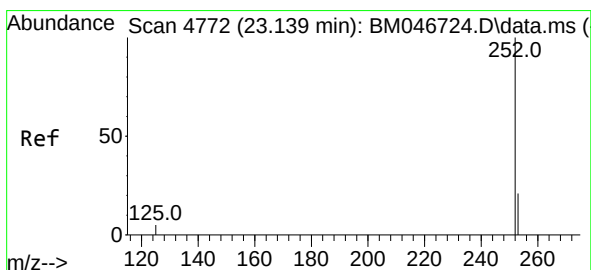
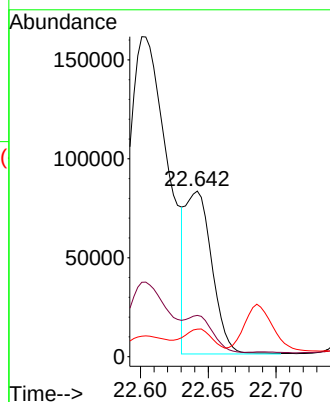
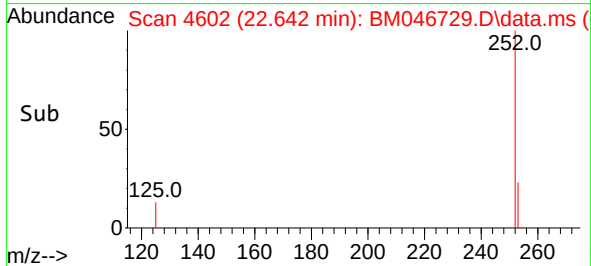
125 16.6 7.0 10.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#26

Benzo(a)pyrene

Concen: 3.947 ng/ul

RT: 23.142 min Scan# 4773

Delta R.T. 0.003 min

Lab File: BM046729.D

Acq: 19 Jul 2024 16:49

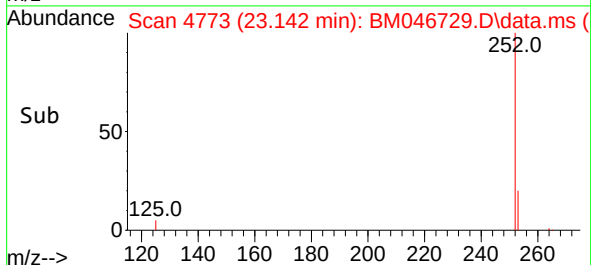
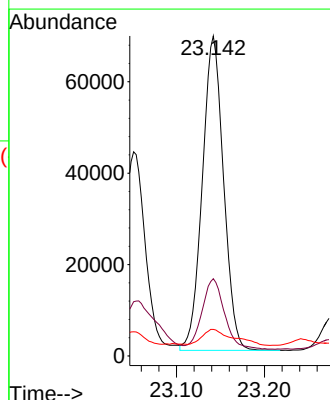
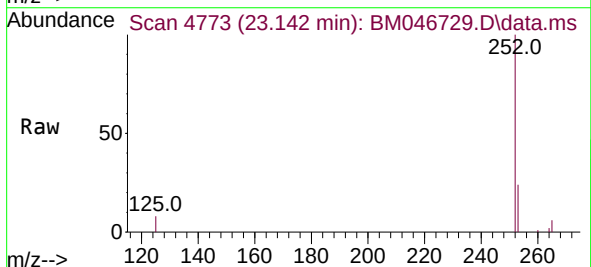
Tgt Ion:252 Resp: 115576

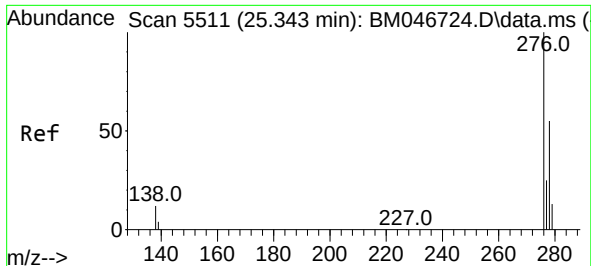
Ion Ratio Lower Upper

252 100

253 24.1 24.0 36.0

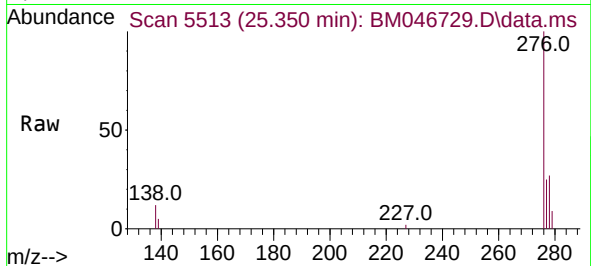
125 8.3 8.2 12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.950 ng/ul
RT: 25.350 min Scan# 5513
Delta R.T. 0.003 min
Lab File: BM046729.D
Acq: 19 Jul 2024 16:49

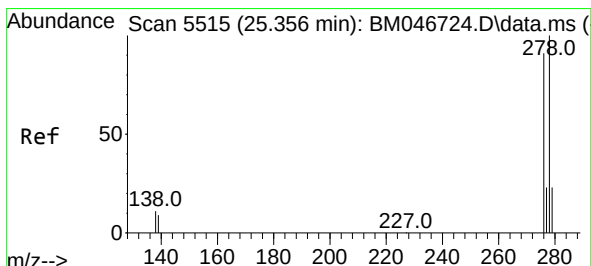
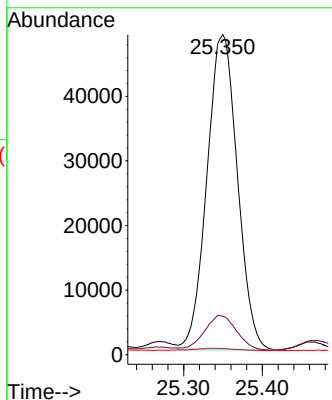
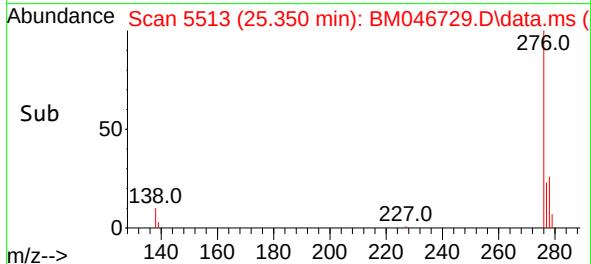
Instrument :
BNA_M
ClientSampleId :
A4CK1



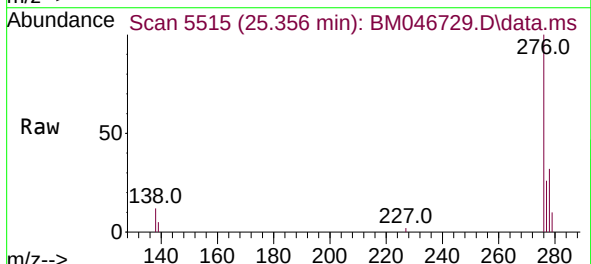
Tgt Ion:276 Resp: 13145
Ion Ratio Lower Upper
276 100
138 11.6 0.0 0.0
227 1.0 0.2 0.2

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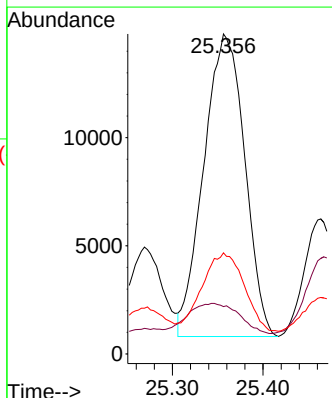
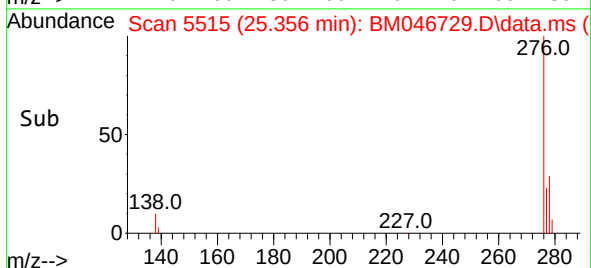
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

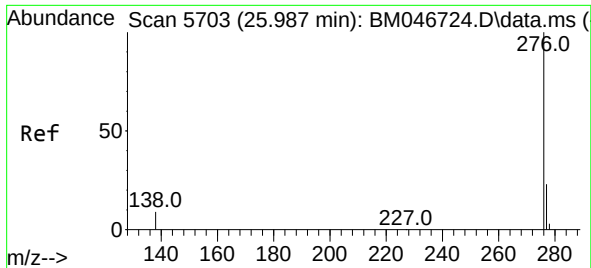


#28
Dibenzo(a,h)anthracene
Concen: 1.244 ng/ul
RT: 25.356 min Scan# 5515
Delta R.T. -0.004 min
Lab File: BM046729.D
Acq: 19 Jul 2024 16:49



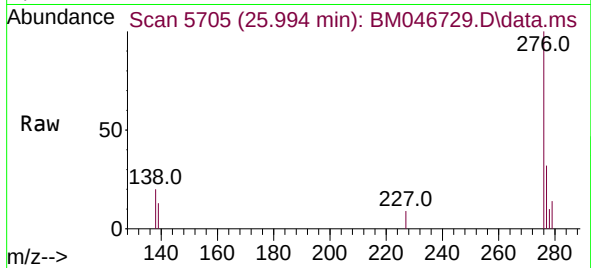
Tgt Ion:278 Resp: 43876
Ion Ratio Lower Upper
278 100
139 14.8 9.1 13.7
279 31.6 23.2 34.8





#29
Benzo(g,h,i)perylene
Concen: 0.561 ng/ul
RT: 25.994 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM046729.D
Acq: 19 Jul 2024 16:49

Instrument :
BNA_M
ClientSampleId :
A4CK1



Tgt Ion:276 Resp: 1995
Ion Ratio Lower Upper
276 100
138 20.4 10.2 15.4
277 31.6 20.9 31.3

Manual Integrations
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

