

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046566.D
 Acq On : 13 Jul 2024 04:08
 Operator : MA/JU
 Sample : P3087-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BR5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 04:47:20 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 12 05:09:19 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3527	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	9602	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.151	164	5939	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	13009	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	9898	0.400	ng/ul	# 0.00
23) Perylene-d12	23.244	264	9740m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	8671	2.992	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	3194	0.206	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	6775	0.225	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.315	128	1447	0.059	ng/ul#	90
7) 2-Methylnaphthalene	11.943	142	517	0.030	ng/ul	99
8) 1-Methylnaphthalene	12.168	142	371	0.021	ng/ul	99
10) Acenaphthylene	13.868	152	2643	0.098	ng/ul	97
11) Acenaphthene	14.215	153	978	0.054	ng/ul	99
12) Fluorene	15.210	166	1416	0.063	ng/ul#	94
15) Phenanthrene	16.943	178	30068	0.810	ng/ul	99
16) Anthracene	17.036	178	6540	0.181	ng/ul	98
19) Fluoranthene	18.970	202	59847	1.472	ng/ul	99
20) Pyrene	19.332	202	52675	1.197	ng/ul#	98
21) Benzo(a)anthracene	21.090	228	26506	0.605	ng/ul	96
22) Chrysene	21.140	228	27815	0.657	ng/ul	98
24) Benzo(b)fluoranthene	22.616	252	34727m	0.893	ng/ul	
25) Benzo(k)fluoranthene	22.651	252	13053m	0.342	ng/ul	
26) Benzo(a)pyrene	23.154	252	22269	0.695	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.360	276	17352	0.356	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	4179	0.108	ng/ul#	59
29) Benzo(g,h,i)perylene	26.004	276	17210	0.443	ng/ul	98

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

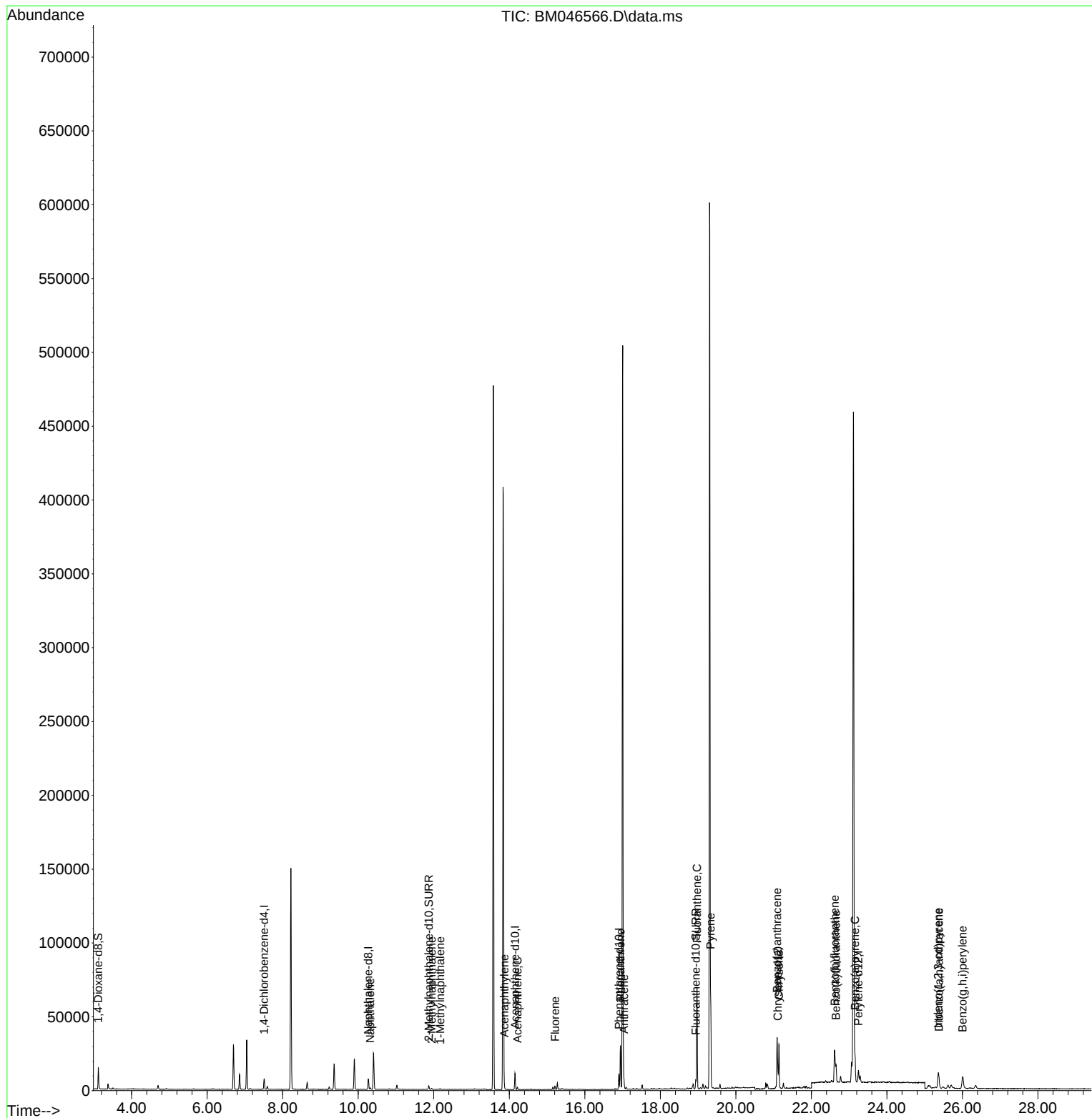
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046566.D
Acq On : 13 Jul 2024 04:08
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ALS Vial : 28 Sample Multiplier: 1

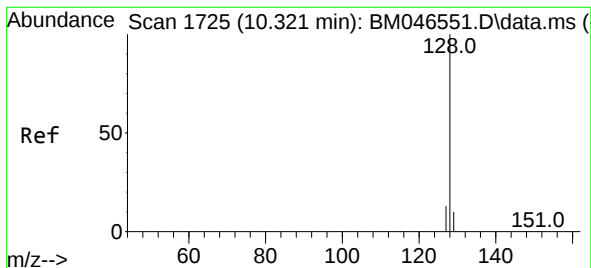
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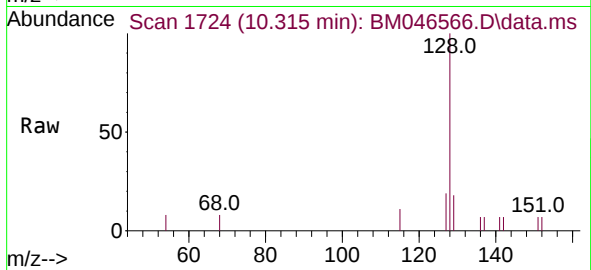
Quant Time: Jul 13 04:47:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.315 min Scan# 1724
Delta R.T. -0.010 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08

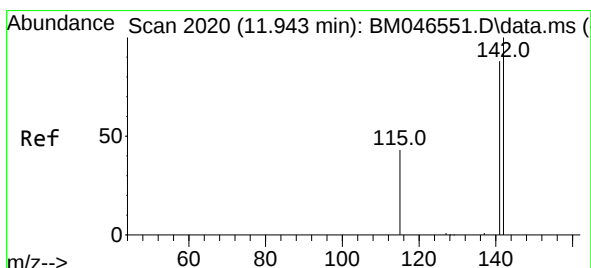
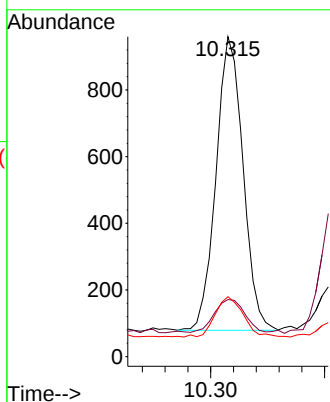
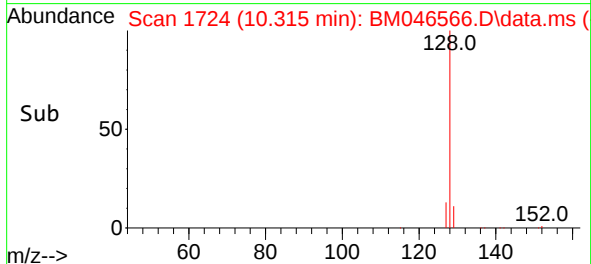
Instrument :
BNA_M
ClientSampleId :
A4BR5



Tgt Ion:128 Resp: 144
Ion Ratio Lower Upper
128 100
129 17.8 10.3 15.5
127 18.8 12.2 18.4

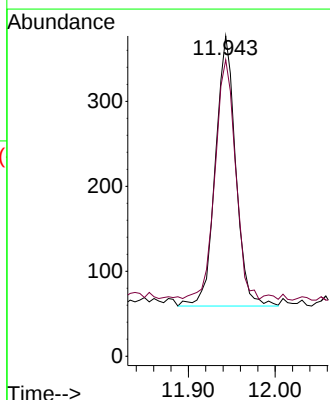
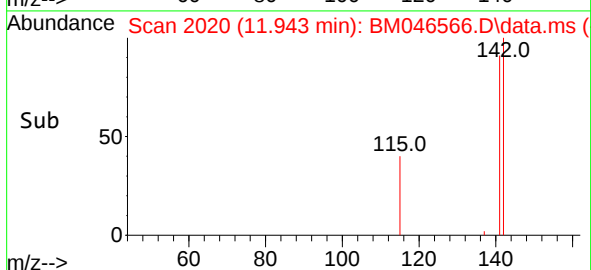
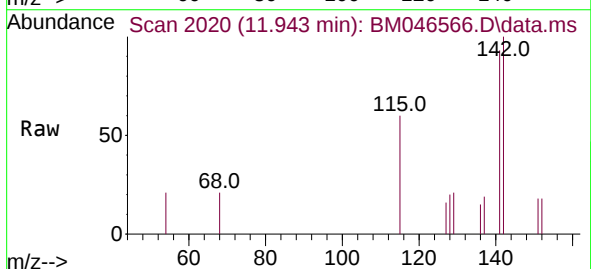
Manual Integrations
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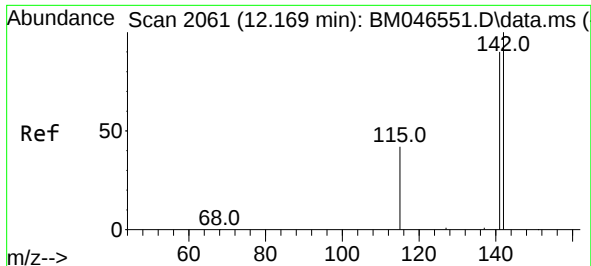
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 11.943 min Scan# 2020
Delta R.T. -0.004 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08

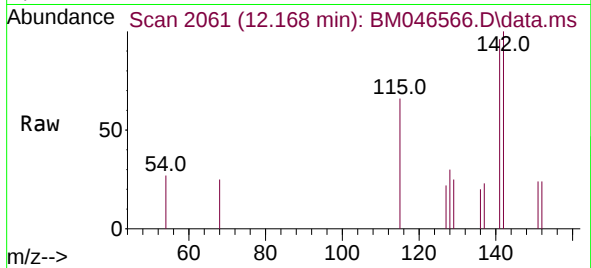
Tgt Ion:142 Resp: 517
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.168 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08

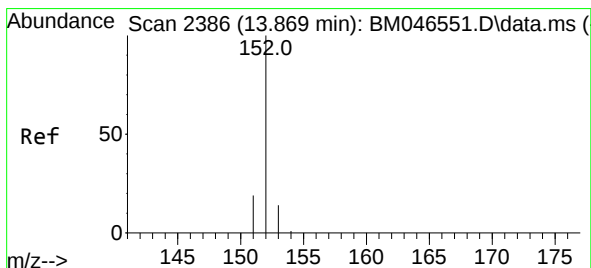
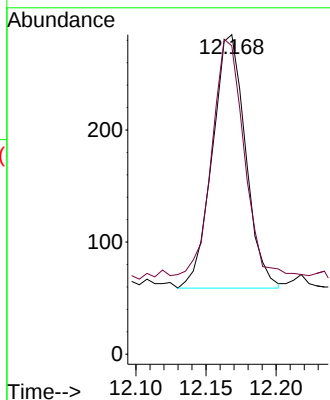
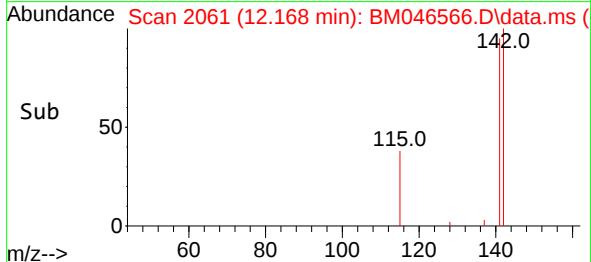
Instrument :
BNA_M
ClientSampleId :
A4BR5



Tgt Ion:142 Resp: 37
Ion Ratio Lower Upper
142 100
141 91.6 73.9 110.9

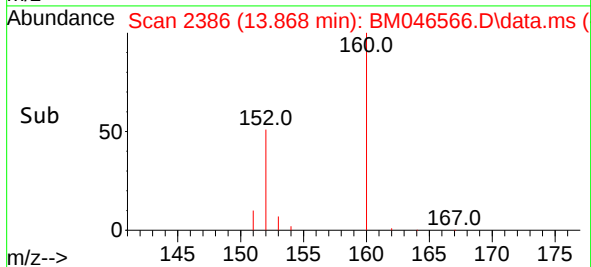
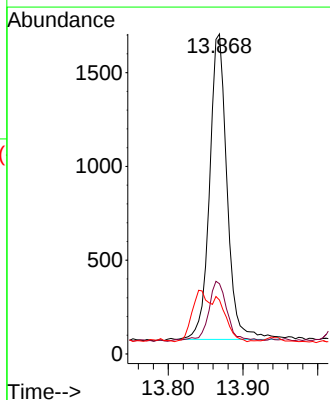
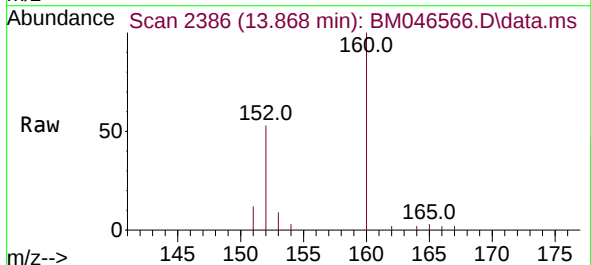
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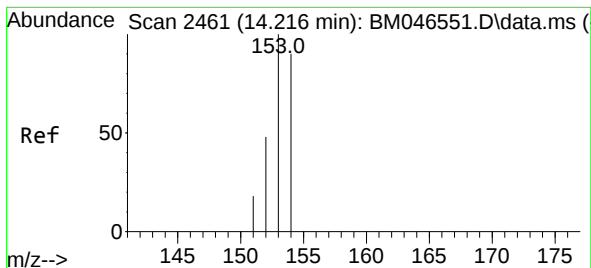
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.098 ng/ul
RT: 13.868 min Scan# 2386
Delta R.T. -0.003 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08

Tgt Ion:152 Resp: 2643
Ion Ratio Lower Upper
152 100
151 22.0 16.4 24.6
153 16.9 12.4 18.6





#11

Acenaphthene

Concen: 0.054 ng/ul

RT: 14.215 min Scan# 2461

Delta R.T. -0.003 min

Lab File: BM046566.D

Acq: 13 Jul 2024 04:08

Instrument :

BNA_M

ClientSampleId :

A4BR5

Tgt Ion:153 Resp: 978

Ion Ratio Lower Upper

153 100

152 55.5 43.0 64.6

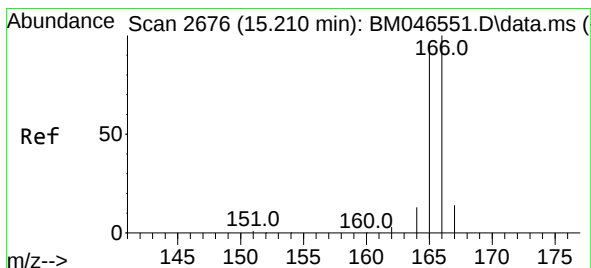
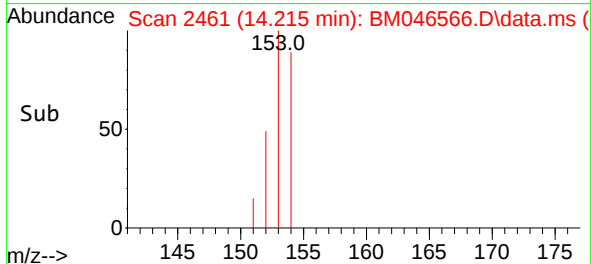
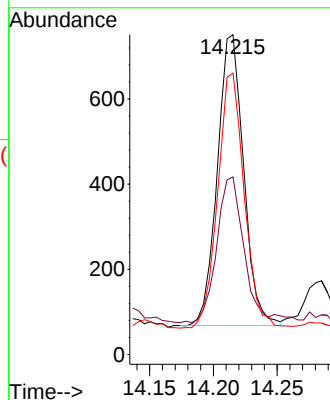
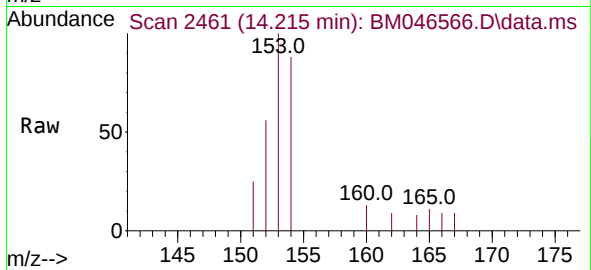
154 88.0 69.9 104.9

Manual Integrations

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Supervised By :mohammad ahmed 07/16/2024



#12

Fluorene

Concen: 0.063 ng/ul

RT: 15.210 min Scan# 2676

Delta R.T. -0.003 min

Lab File: BM046566.D

Acq: 13 Jul 2024 04:08

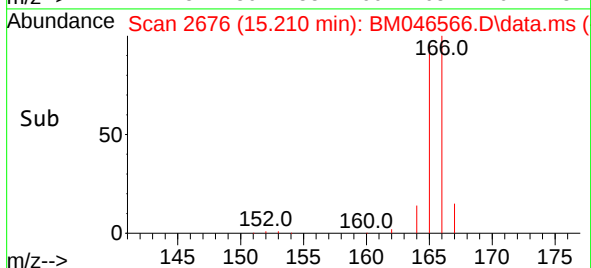
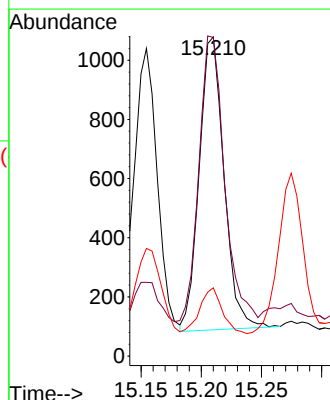
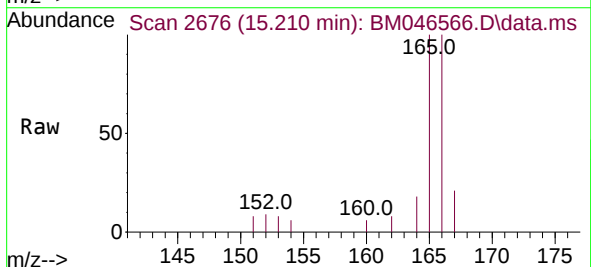
Tgt Ion:166 Resp: 1416

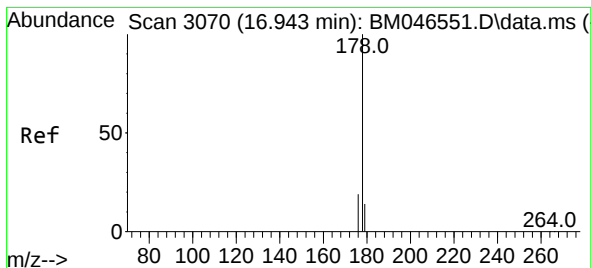
Ion Ratio Lower Upper

166 100

165 99.8 76.1 114.1

167 21.4 12.5 18.7#





#15

Phenanthrene

Concen: 0.810 ng/ul

RT: 16.943 min Scan# 3070

Delta R.T. -0.007 min

Lab File: BM046566.D

Acq: 13 Jul 2024 04:08

Instrument :

BNA_M

ClientSampleId :

A4BR5

Tgt Ion:178 Resp: 3006

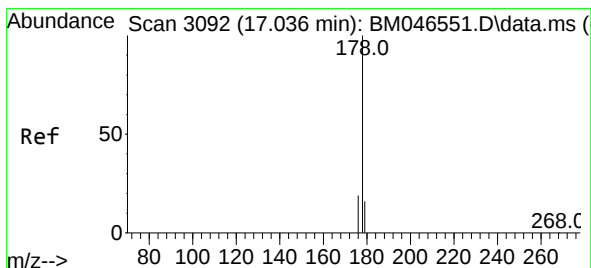
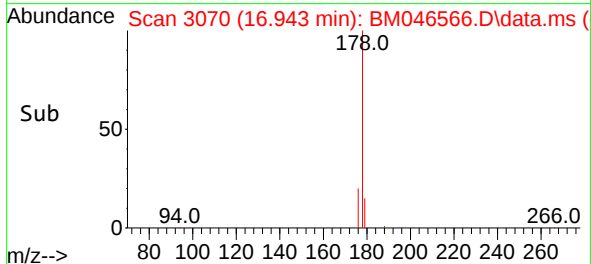
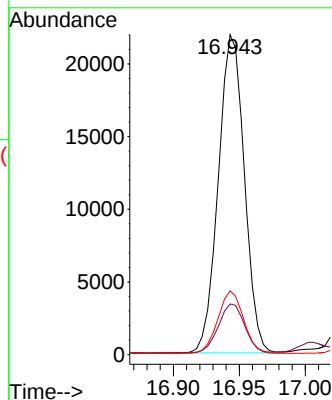
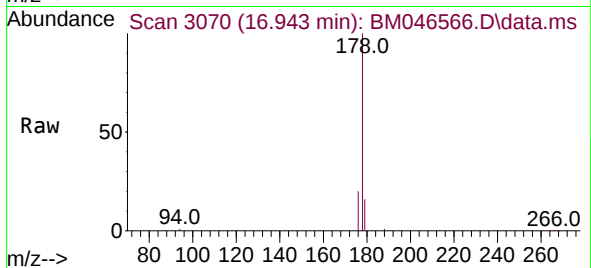
Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.1	19.7
176	20.0	16.0	24.0

Manual Integrations

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Supervised By :mohammad ahmed 07/16/2024



#16

Anthracene

Concen: 0.181 ng/ul

RT: 17.036 min Scan# 3092

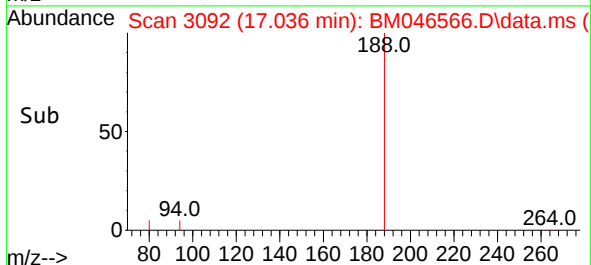
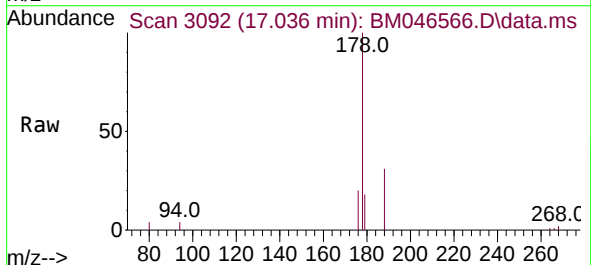
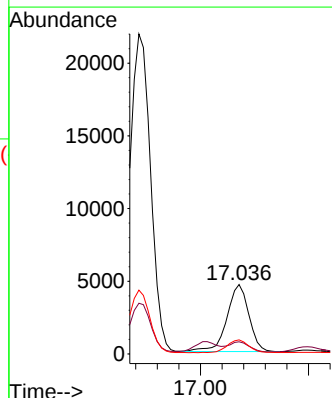
Delta R.T. -0.003 min

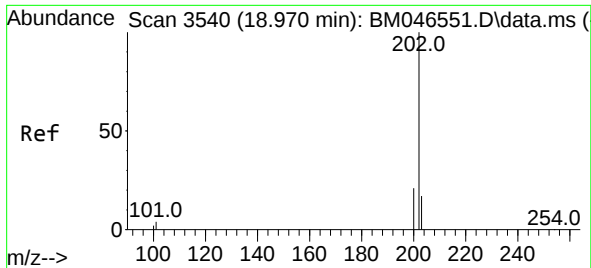
Lab File: BM046566.D

Acq: 13 Jul 2024 04:08

Tgt Ion:178 Resp: 6540

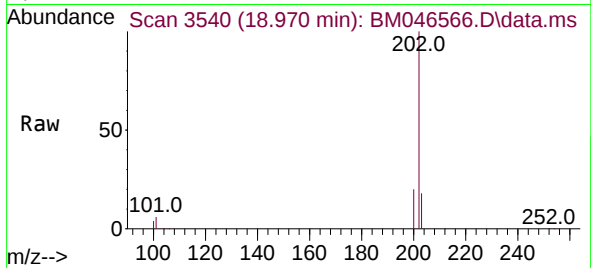
Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.5	20.3
176	20.3	15.7	23.5





#19
Fluoranthene
Concen: 1.472 ng/ul
RT: 18.970 min Scan# 3540
Delta R.T. -0.008 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08

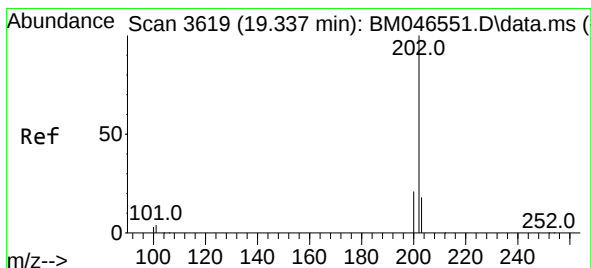
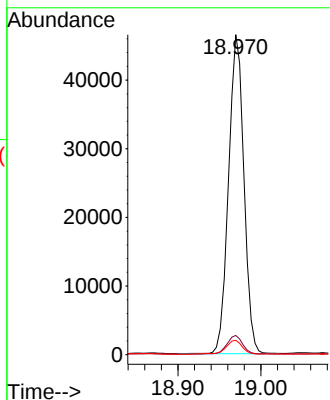
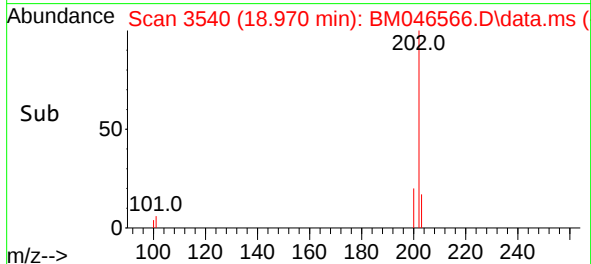
Instrument :
BNA_M
ClientSampleId :
A4BR5



Tgt Ion:202 Resp: 5984
Ion Ratio Lower Upper
202 100
101 6.0 4.6 6.8
100 4.5 3.0 4.6

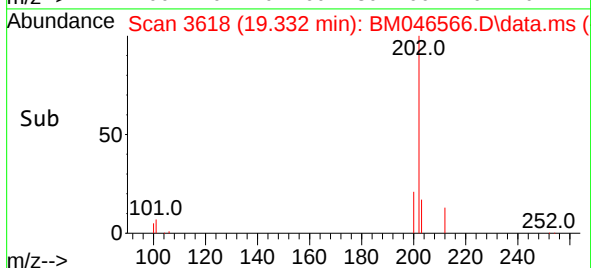
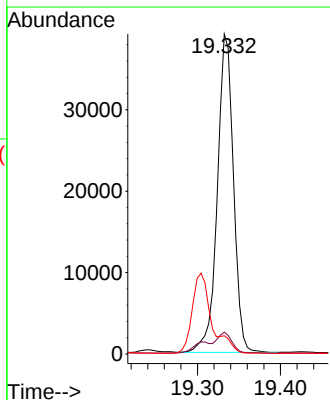
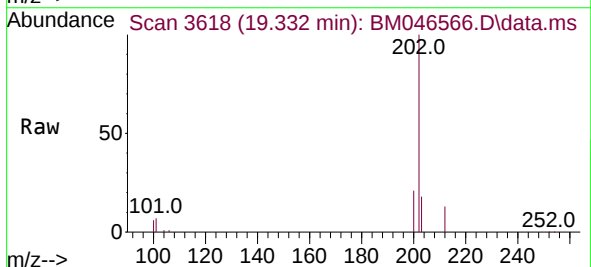
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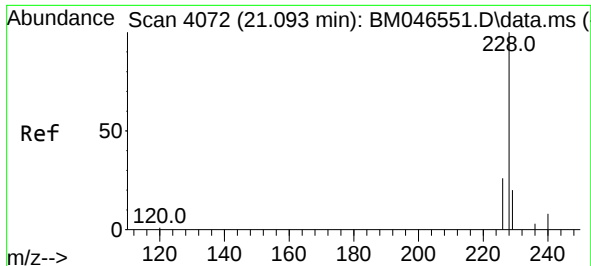
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 1.197 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.008 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08

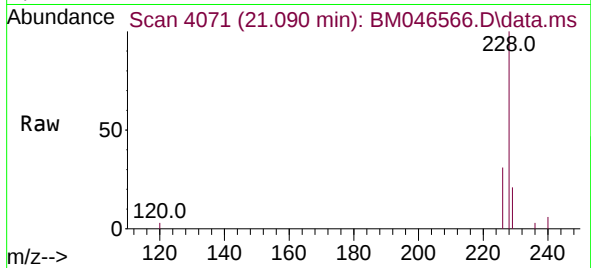
Tgt Ion:202 Resp: 52675
Ion Ratio Lower Upper
202 100
101 6.8 5.1 7.7
100 5.7 3.8 5.6#





#21
Benzo(a)anthracene
Concen: 0.605 ng/u1
RT: 21.090 min Scan# 4071
Delta R.T. -0.006 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08

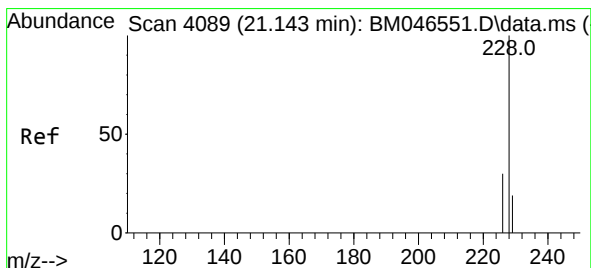
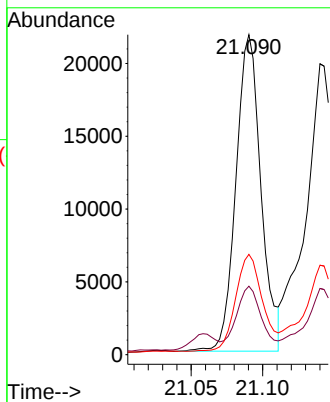
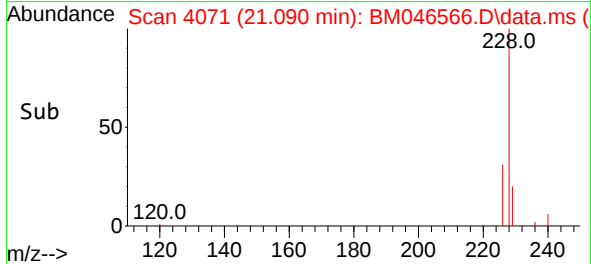
Instrument :
BNA_M
ClientSampleId :
A4BR5



Tgt Ion:228 Resp: 26500
Ion Ratio Lower Upper
228 100
229 21.4 16.5 24.7
226 31.3 22.5 33.7

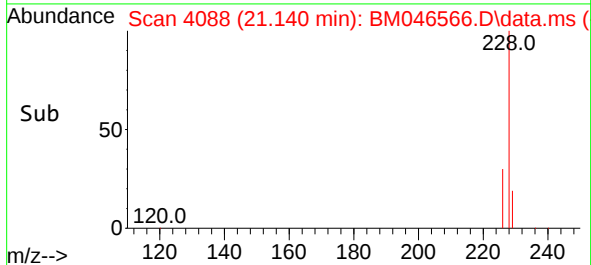
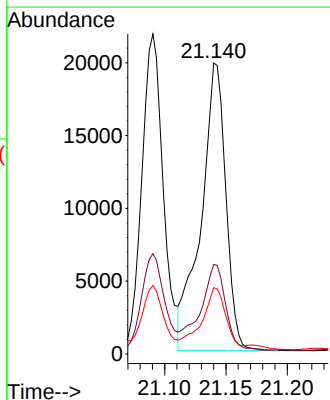
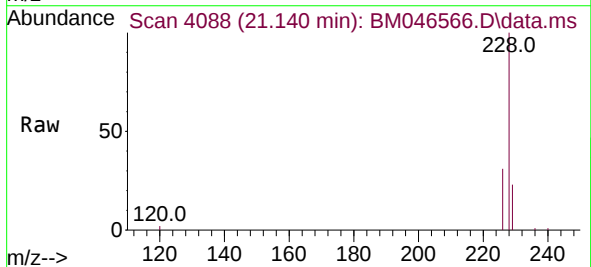
Manual Integrations
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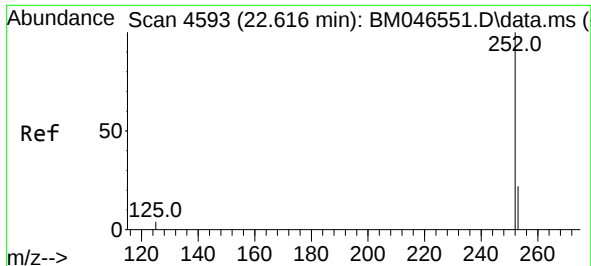
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.657 ng/u1
RT: 21.140 min Scan# 4088
Delta R.T. -0.009 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08

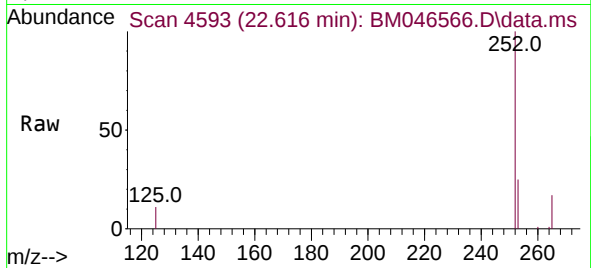
Tgt Ion:228 Resp: 27815
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.893 ng/ul m
RT: 22.616 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08

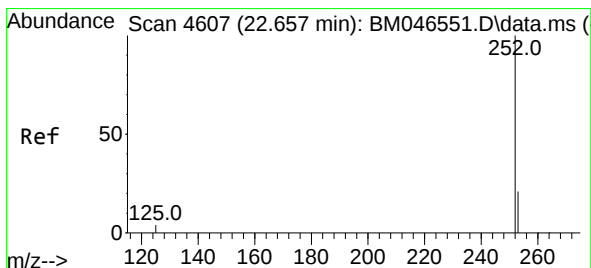
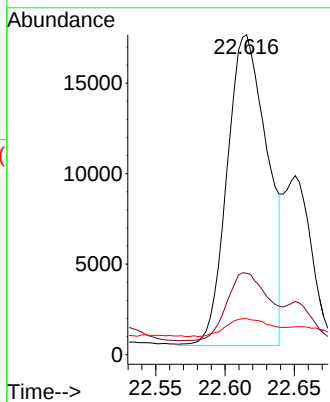
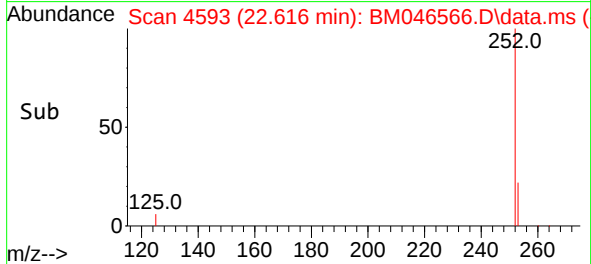
Instrument :
BNA_M
ClientSampleId :
A4BR5



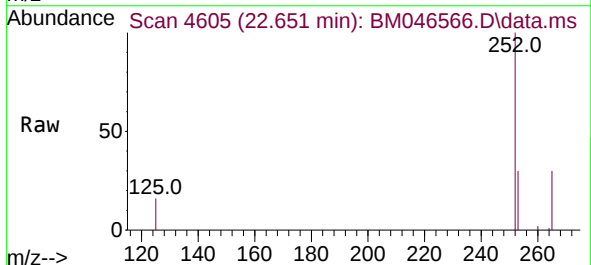
Tgt Ion:252 Resp: 3472
Ion Ratio Lower Upper
252 100
253 25.4 0.0 56.2
125 11.2 0.0 17.8

Manual Integrations
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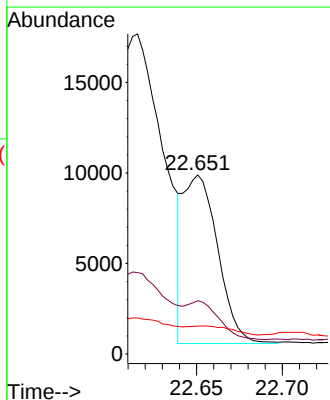
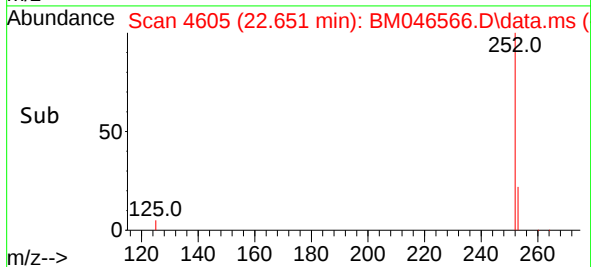
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

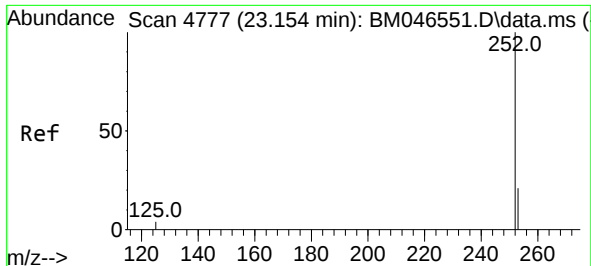


#25
Benzo(k)fluoranthene
Concen: 0.342 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08



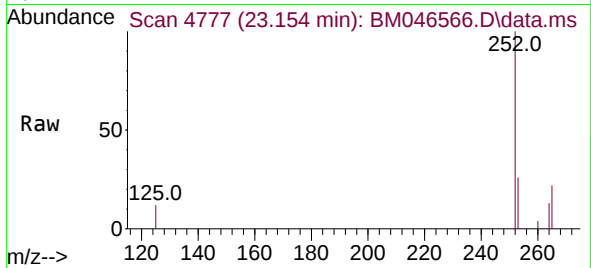
Tgt Ion:252 Resp: 13053
Ion Ratio Lower Upper
252 100
253 29.8 22.4 33.6
125 15.6 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.695 ng/ul
RT: 23.154 min Scan# 4777
Delta R.T. -0.009 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08

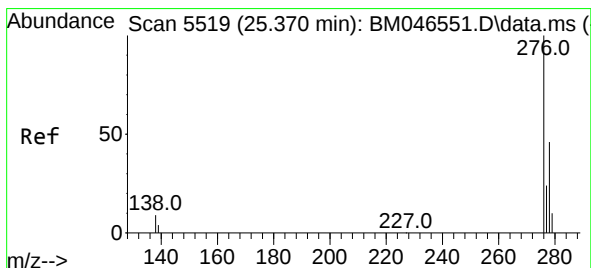
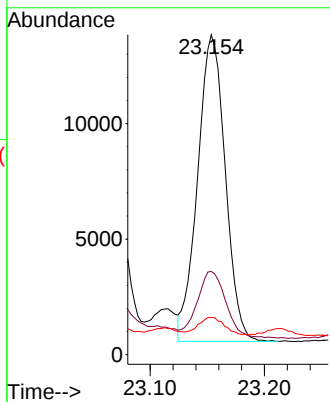
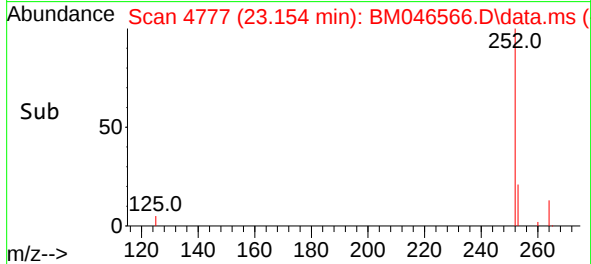
Instrument :
BNA_M
ClientSampleId :
A4BR5



Tgt Ion:252 Resp: 22269
Ion Ratio Lower Upper
252 100
253 26.0 24.0 36.0
125 11.6 8.2 12.2

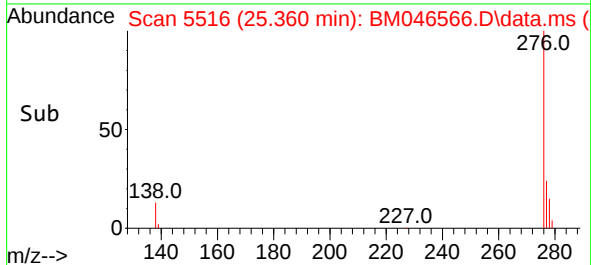
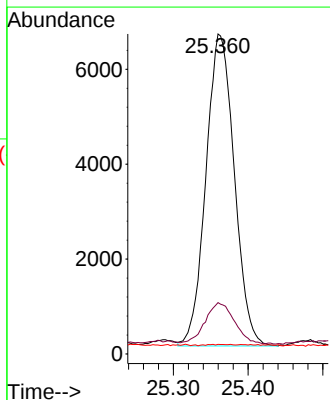
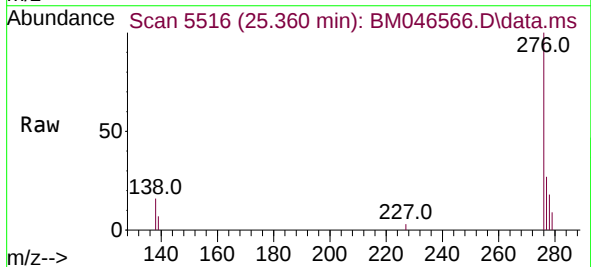
Manual Integrations
APPROVED

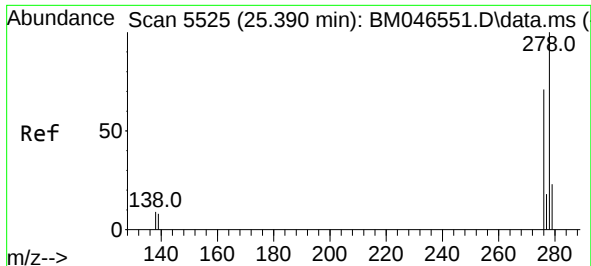
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 25.360 min Scan# 5516
Delta R.T. -0.024 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08

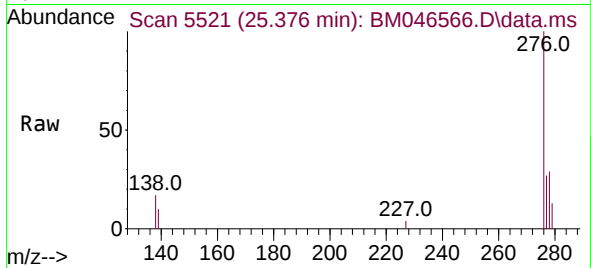
Tgt Ion:276 Resp: 17352
Ion Ratio Lower Upper
276 100
138 13.5 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.108 ng/ul
RT: 25.376 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08

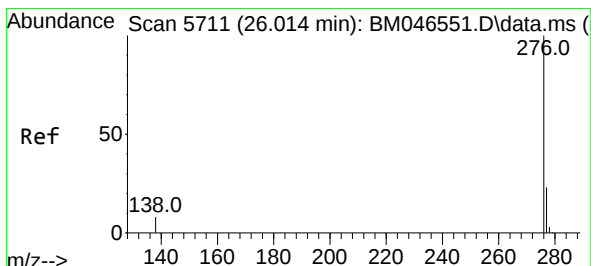
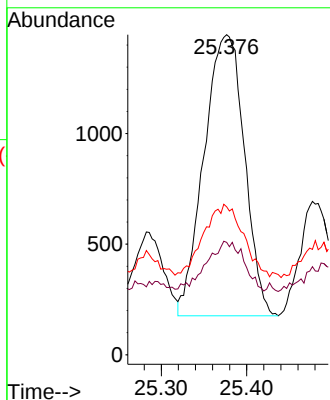
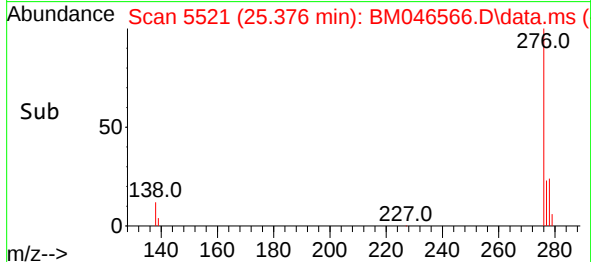
Instrument :
BNA_M
ClientSampleId :
A4BR5



Tgt Ion:278 Resp: 4179
Ion Ratio Lower Upper
278 100
139 35.1 9.1 13.7
279 46.2 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 26.004 min Scan# 5708
Delta R.T. -0.017 min
Lab File: BM046566.D
Acq: 13 Jul 2024 04:08

Tgt Ion:276 Resp: 17210
Ion Ratio Lower Upper
276 100
138 15.2 10.2 15.4
277 25.9 20.9 31.3

