

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046577.D
 Acq On : 13 Jul 2024 11:26
 Operator : MA/JU
 Sample : P3088-14
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D02

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 09:00:57 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 : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	3915	0.400	ng/ul	0.00
4) Naphthalene-d8	10.264	136	10375	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.149	164	6799	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.899	188	14712	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.108	240	9119	0.400	ng/ul	# 0.00
23) Perylene-d12	23.253	264	10485	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	5756	1.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.865	152	2375	0.142	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	5734	0.207	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.314	128	12425	0.471	ng/ul	96
7) 2-Methylnaphthalene	11.942	142	7349	0.396	ng/ul	99
8) 1-Methylnaphthalene	12.162	142	6183	0.327	ng/ul	100
10) Acenaphthylene	13.862	152	38458	1.243	ng/ul	98
11) Acenaphthene	14.209	153	11911	0.574	ng/ul	98
12) Fluorene	15.209	166	17718	0.691	ng/ul	98
14) Pentachlorophenol	16.557	266	930	0.125	ng/ul	98
15) Phenanthrene	16.942	178	349439	8.323	ng/ul	98
16) Anthracene	17.034	178	70823	1.729	ng/ul	98
19) Fluoranthene	18.968	202	688187	18.373	ng/ul	99
20) Pyrene	19.335	202	467261	11.522	ng/ul	99
21) Benzo(a)anthracene	21.094	228	280228	6.946	ng/ul	96
22) Chrysene	21.143	228	308913	7.914	ng/ul	99
24) Benzo(b)fluoranthene	22.619	252	406696m	9.711	ng/ul	
25) Benzo(k)fluoranthene	22.657	252	135865m	3.304	ng/ul	
26) Benzo(a)pyrene	23.160	252	127591	3.702	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.373	276	136038	2.593	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.387	278	49159	1.184	ng/ul#	92
29) Benzo(g,h,i)perylene	26.027	276	19751	0.472	ng/ul#	80

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

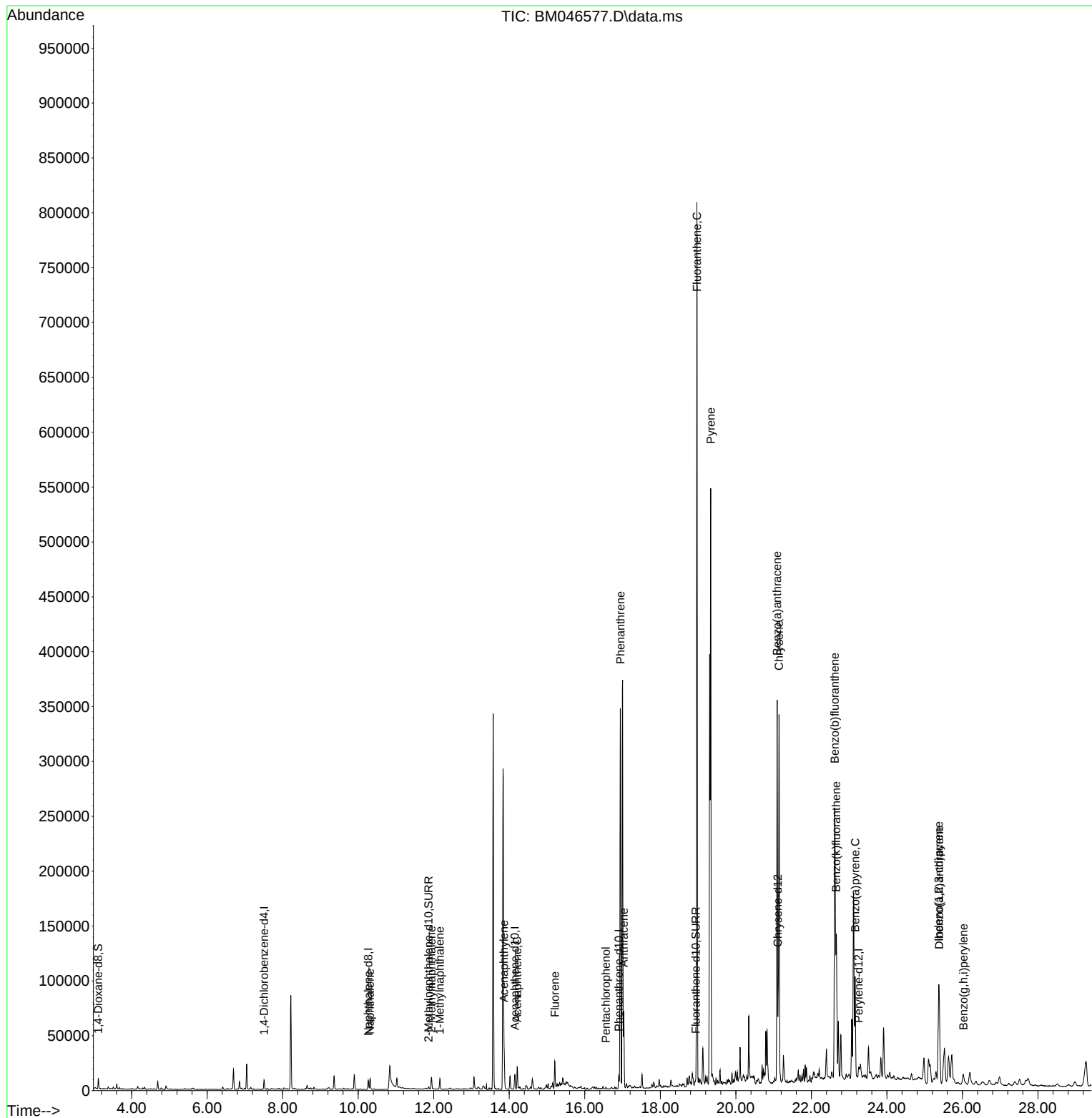
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046577.D
Acq On : 13 Jul 2024 11:26
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 40 Sample Multiplier: 1

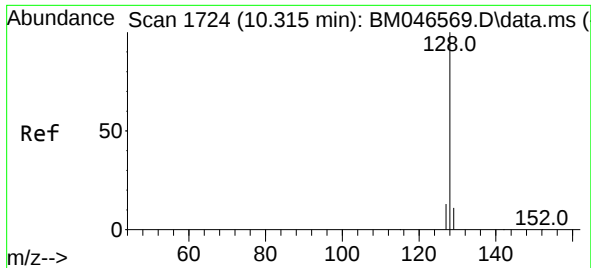
Instrument :
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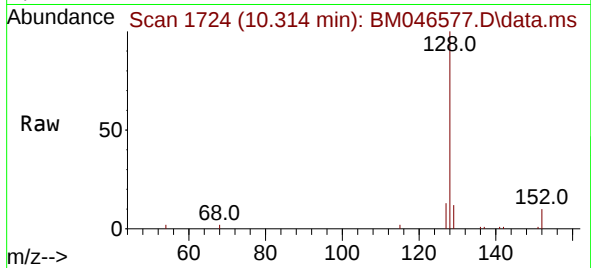
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.471 ng/ul
RT: 10.314 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BM046577.D
Acq: 13 Jul 2024 11:26

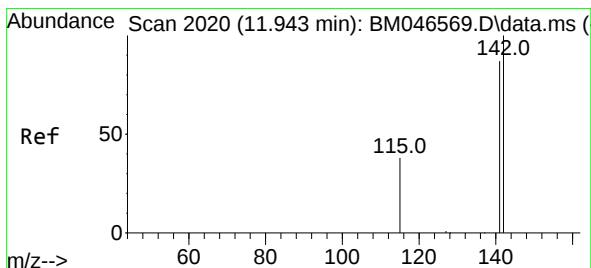
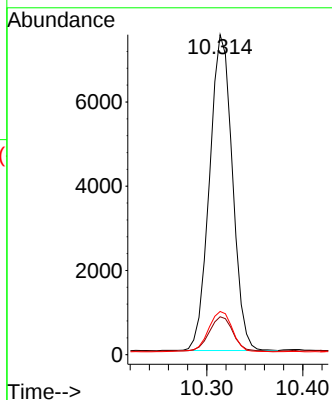
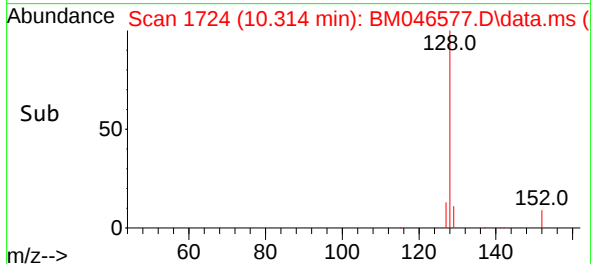
Instrument :
BNA_M
ClientSampleId :
A4D02



Tgt Ion:128 Resp: 12425
Ion Ratio Lower Upper
128 100
129 11.8 10.3 15.5
127 13.5 12.2 18.4

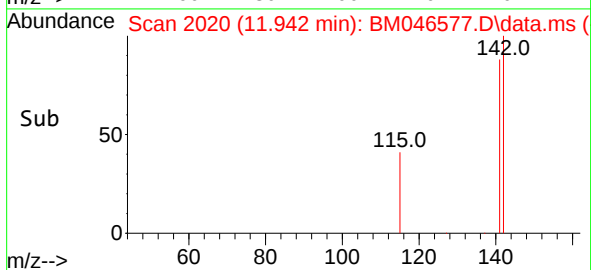
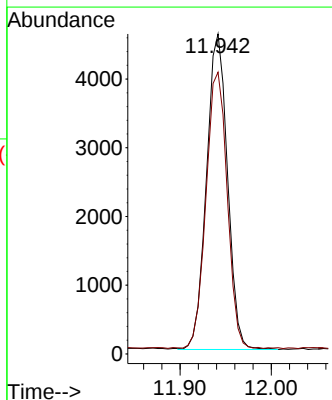
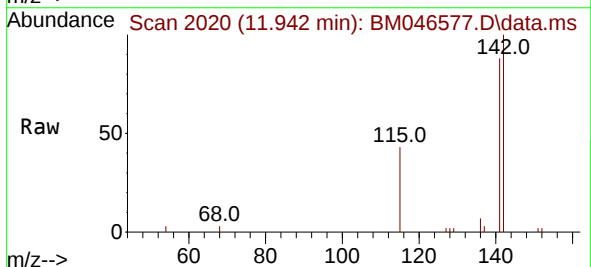
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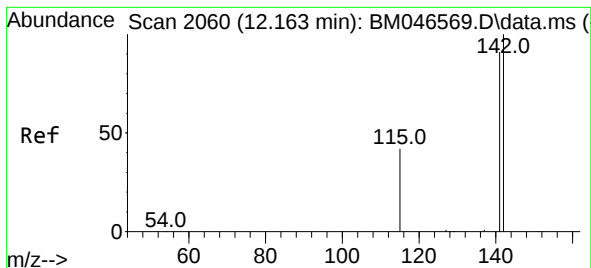
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 11.942 min Scan# 2020
Delta R.T. -0.002 min
Lab File: BM046577.D
Acq: 13 Jul 2024 11:26

Tgt Ion:142 Resp: 7349
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5





#8

1-Methylnaphthalene

Concen: 0.327 ng/ul

RT: 12.162 min Scan# 2060

Delta R.T. -0.002 min

Lab File: BM046577.D

Acq: 13 Jul 2024 11:26

Instrument :

BNA_M

ClientSampleId :

A4D02

Tgt Ion:142 Resp: 618

Ion Ratio Lower Upper

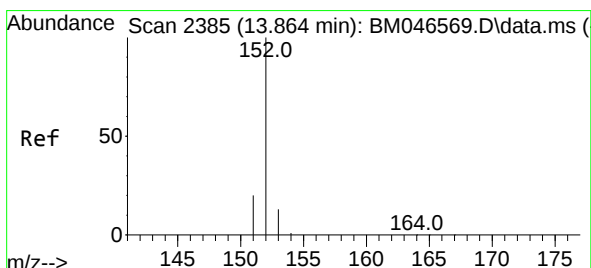
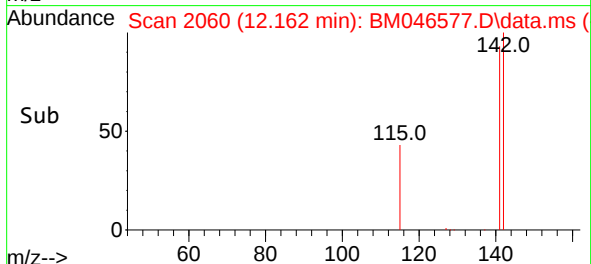
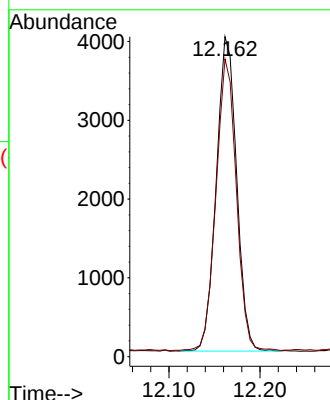
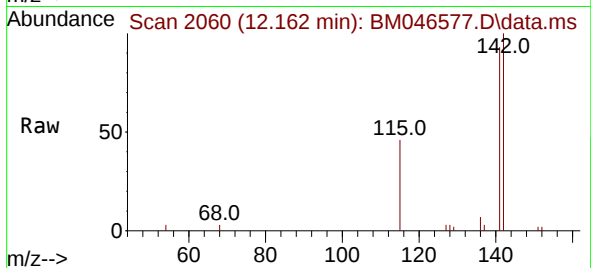
142 100

141 92.6 73.9 110.9

Manual Integrations

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#10

Acenaphthylene

Concen: 1.243 ng/ul

RT: 13.862 min Scan# 2385

Delta R.T. -0.002 min

Lab File: BM046577.D

Acq: 13 Jul 2024 11:26

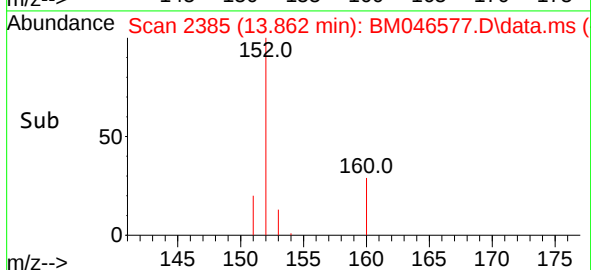
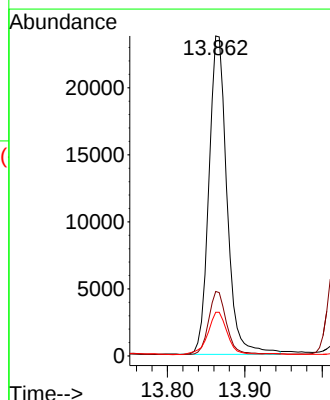
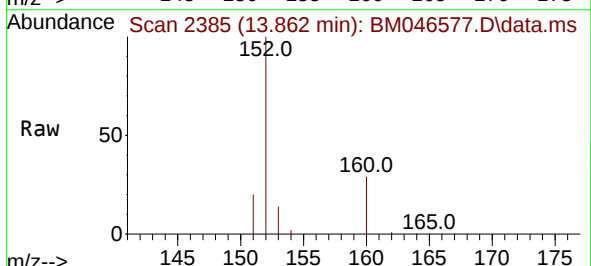
Tgt Ion:152 Resp: 38458

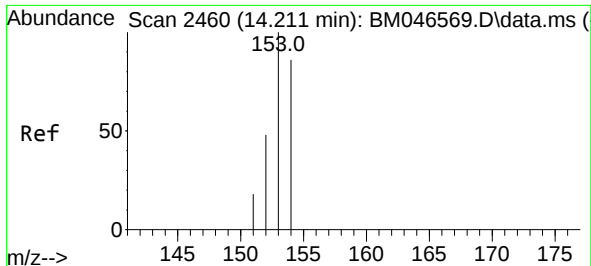
Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

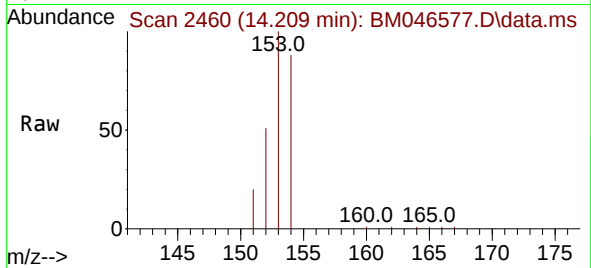
153 13.7 12.4 18.6





#11
Acenaphthene
Concen: 0.574 ng/ul
RT: 14.209 min Scan# 2460
Delta R.T. -0.002 min
Lab File: BM046577.D
Acq: 13 Jul 2024 11:26

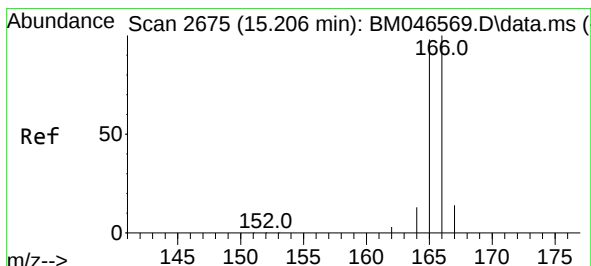
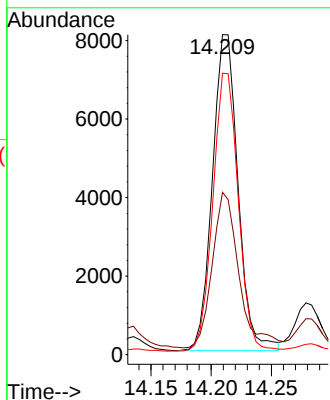
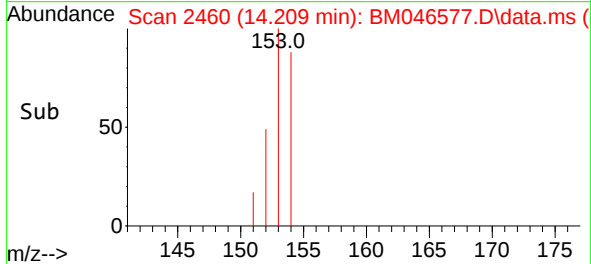
Instrument :
BNA_M
ClientSampleId :
A4D02



Tgt Ion:153 Resp: 1191
Ion Ratio Lower Upper
153 100
152 50.7 43.0 64.6
154 88.0 69.9 104.9

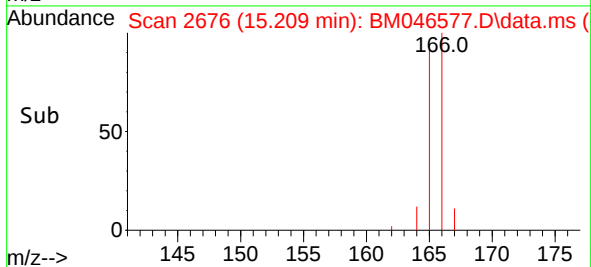
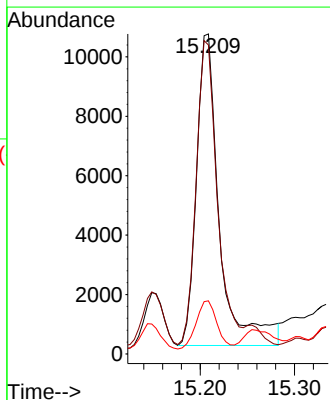
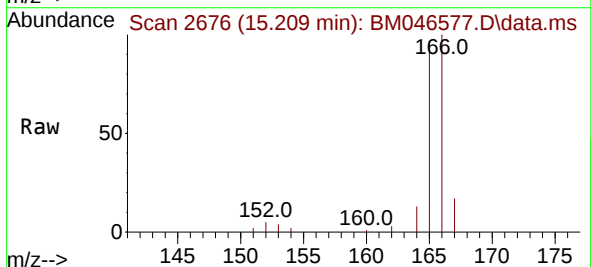
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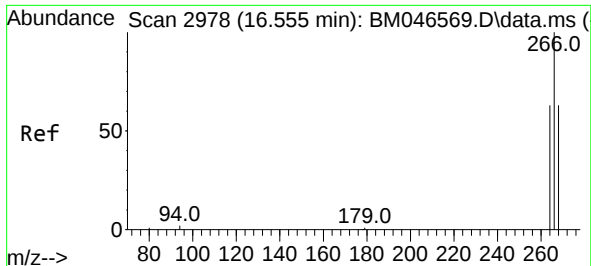
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.691 ng/ul
RT: 15.209 min Scan# 2676
Delta R.T. 0.003 min
Lab File: BM046577.D
Acq: 13 Jul 2024 11:26

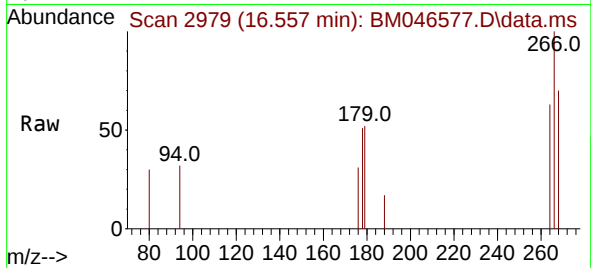
Tgt Ion:166 Resp: 17718
Ion Ratio Lower Upper
166 100
165 96.6 76.1 114.1
167 16.6 12.5 18.7





#14
Pentachlorophenol
Concen: 0.125 ng/ul
RT: 16.557 min Scan# 2978
Delta R.T. 0.003 min
Lab File: BM046577.D
Acq: 13 Jul 2024 11:26

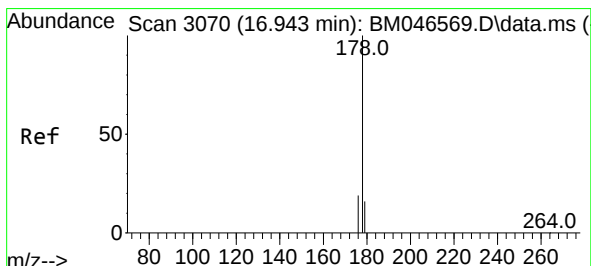
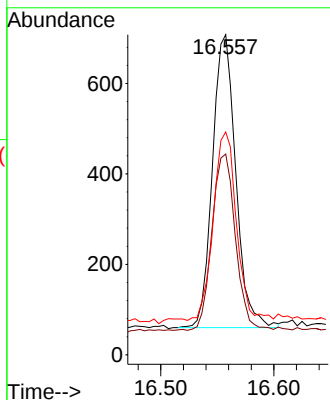
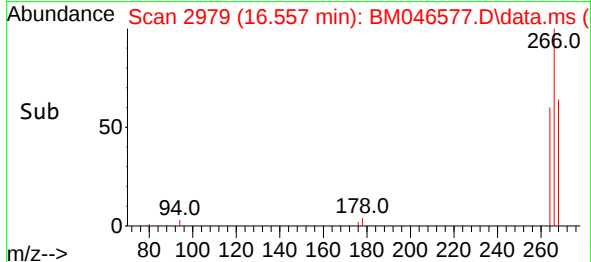
Instrument :
BNA_M
ClientSampleId :
A4D02



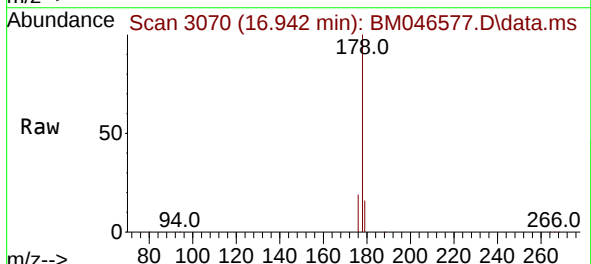
Tgt Ion:266 Resp: 930
Ion Ratio Lower Upper
266 100
264 60.4 50.1 75.1
268 64.7 52.5 78.7

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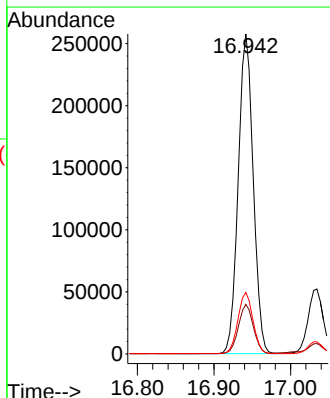
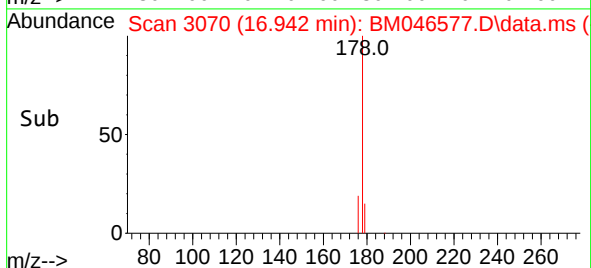
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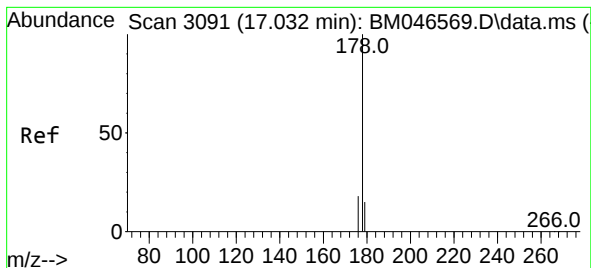


#15
Phenanthrene
Concen: 8.323 ng/ul
RT: 16.942 min Scan# 3070
Delta R.T. -0.002 min
Lab File: BM046577.D
Acq: 13 Jul 2024 11:26



Tgt Ion:178 Resp: 349439
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 19.2 16.0 24.0





#16

Anthracene

Concen: 1.729 ng/ul

RT: 17.034 min Scan# 3091

Delta R.T. 0.003 min

Lab File: BM046577.D

Acq: 13 Jul 2024 11:26

Instrument :

BNA_M

ClientSampleId :

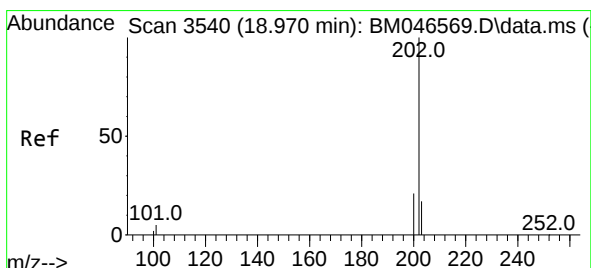
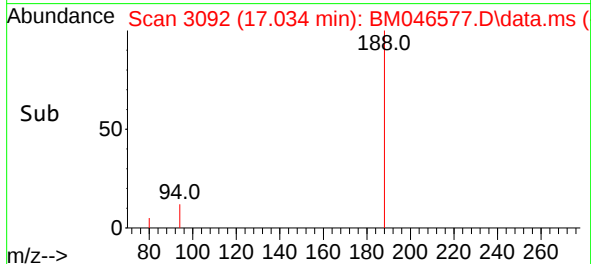
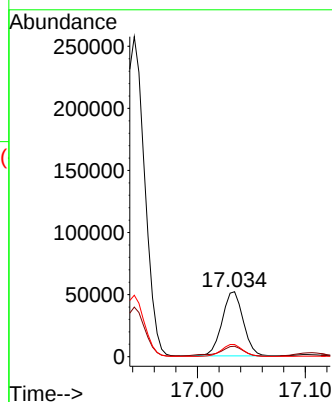
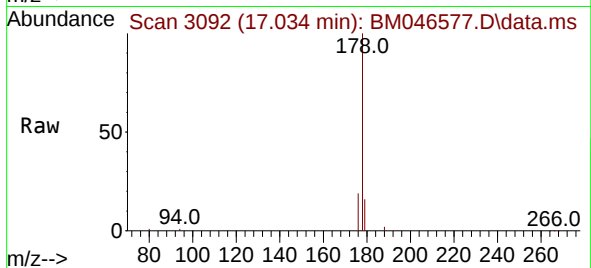
A4D02

Tgt Ion:	178	Resp:	7082
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.5	20.3
176	18.8	15.7	23.5

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#19

Fluoranthene

Concen: 18.373 ng/ul

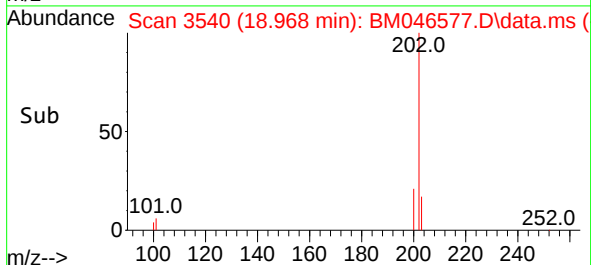
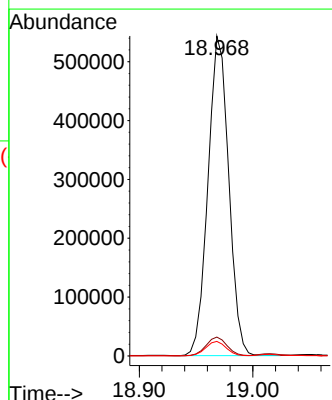
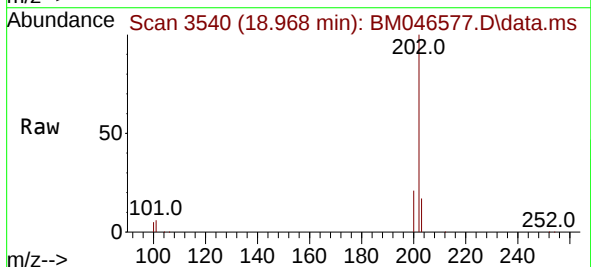
RT: 18.968 min Scan# 3540

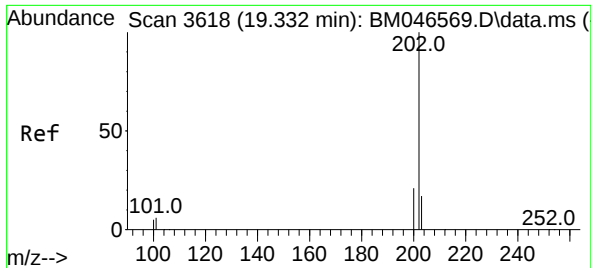
Delta R.T. -0.002 min

Lab File: BM046577.D

Acq: 13 Jul 2024 11:26

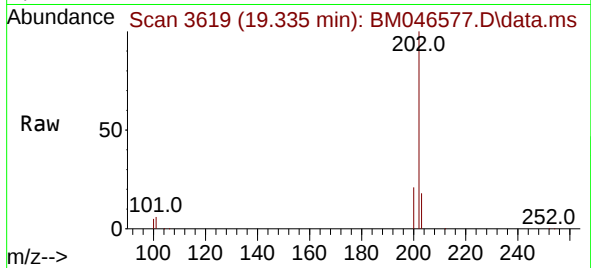
Tgt Ion:	202	Resp:	688187
Ion Ratio	Lower	Upper	
202	100		
101	5.9	4.6	6.8
100	4.5	3.0	4.6





#20
Pyrene
Concen: 11.522 ng/ul
RT: 19.335 min Scan# 30
Delta R.T. 0.003 min
Lab File: BM046577.D
Acq: 13 Jul 2024 11:26

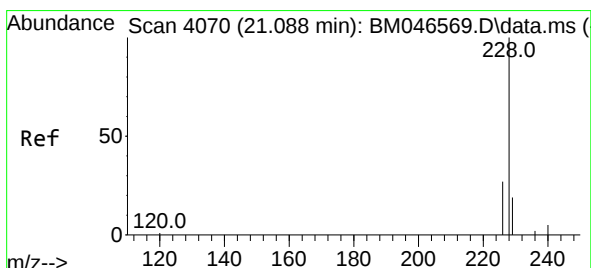
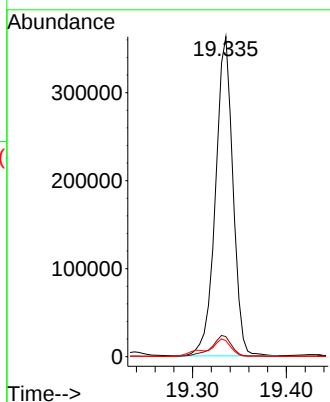
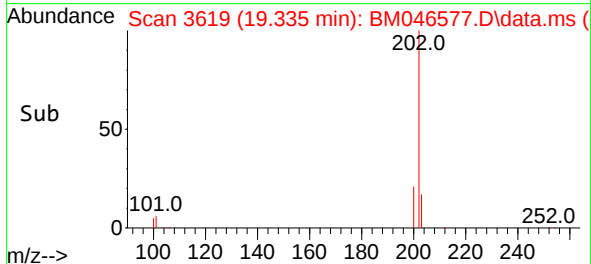
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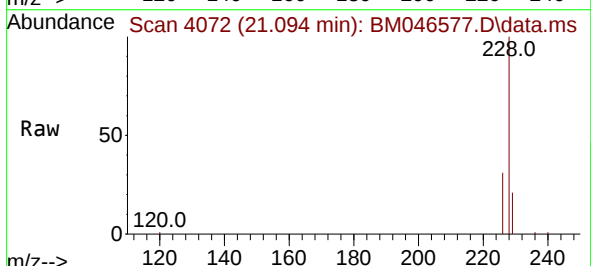
Tgt Ion:202 Resp: 46726
Ion Ratio Lower Upper
202 100
101 6.3 5.1 7.7
100 5.0 3.8 5.6

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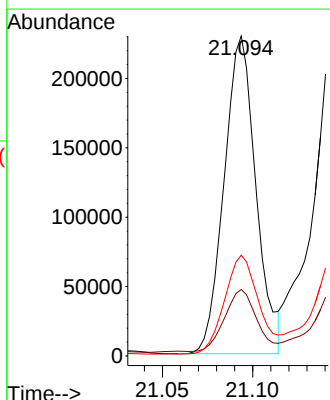
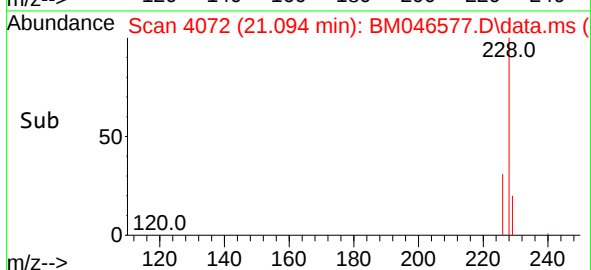
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

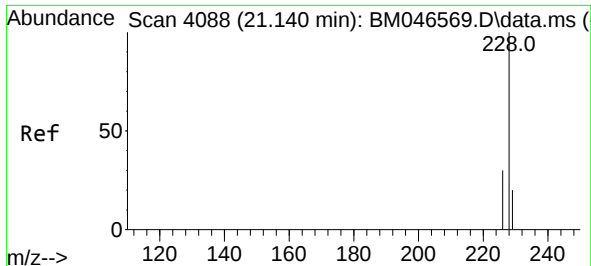


#21
Benzo(a)anthracene
Concen: 6.946 ng/ul
RT: 21.094 min Scan# 4072
Delta R.T. 0.006 min
Lab File: BM046577.D
Acq: 13 Jul 2024 11:26



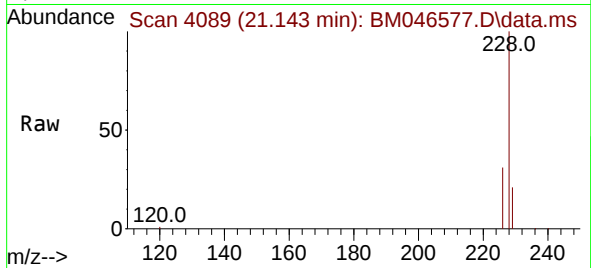
Tgt Ion:228 Resp: 280228
Ion Ratio Lower Upper
228 100
229 20.8 16.5 24.7
226 31.5 22.5 33.7





#22
Chrysene
Concen: 7.914 ng/ul
RT: 21.143 min Scan# 4088
Delta R.T. 0.003 min
Lab File: BM046577.D
Acq: 13 Jul 2024 11:26

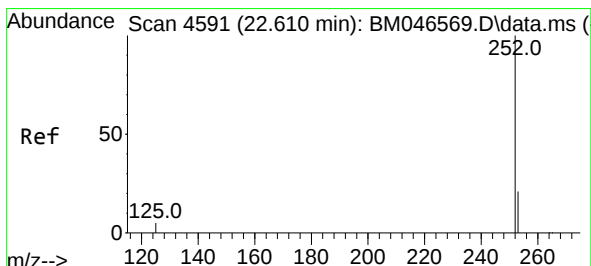
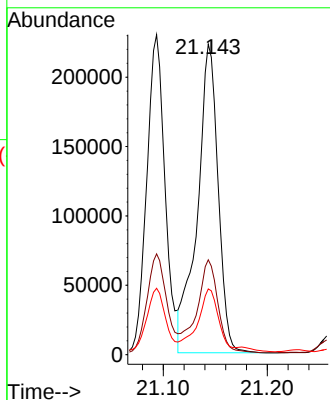
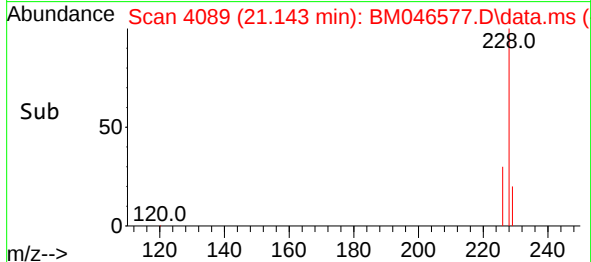
Instrument :
BNA_M
ClientSampleId :
A4D02



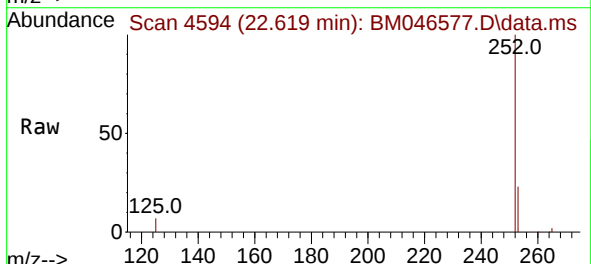
Tgt Ion:228 Resp: 30891
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 21.2 16.4 24.6

Manual Integrations
APPROVED

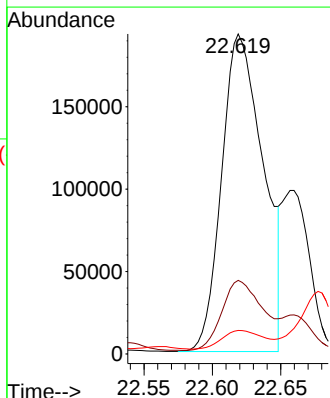
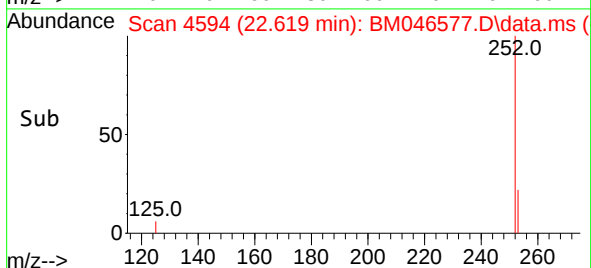
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

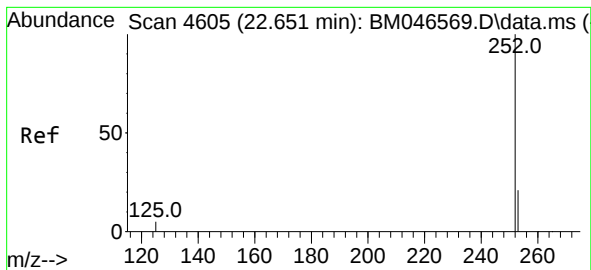


#24
Benzo(b)fluoranthene
Concen: 9.711 ng/ul m
RT: 22.619 min Scan# 4594
Delta R.T. 0.009 min
Lab File: BM046577.D
Acq: 13 Jul 2024 11:26



Tgt Ion:252 Resp: 406696
Ion Ratio Lower Upper
252 100
253 23.0 0.0 56.2
125 7.3 0.0 17.8





#25

Benzo(k)fluoranthene

Concen: 3.304 ng/ul m

RT: 22.657 min Scan# 4

Delta R.T. 0.006 min

Lab File: BM046577.D

Acq: 13 Jul 2024 11:26

Instrument :

BNA_M

ClientSampleId :

A4D02

Tgt Ion:252 Resp: 13586

Ion Ratio Lower Upper

252 100

253 23.8 22.4 33.6

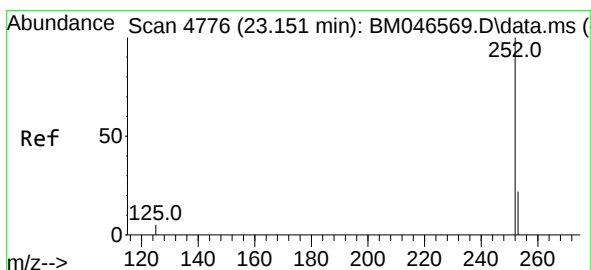
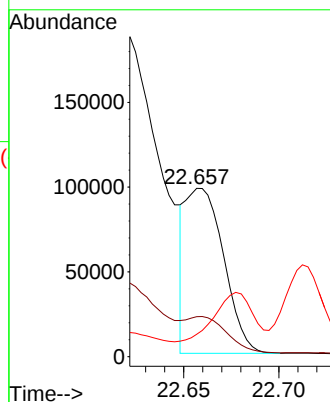
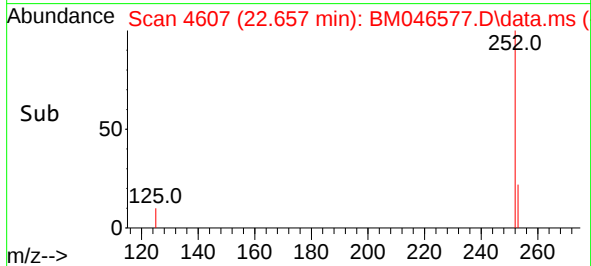
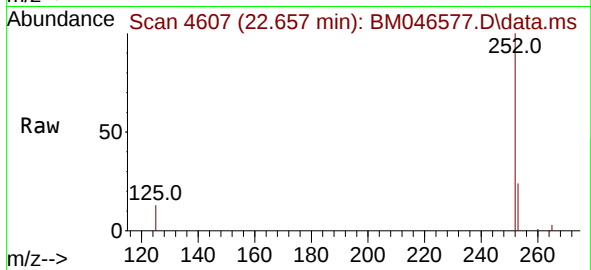
125 13.3 7.0 10.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/15/2024

Supervised By :mohammad ahmed 07/16/2024



#26

Benzo(a)pyrene

Concen: 3.702 ng/ul

RT: 23.160 min Scan# 4779

Delta R.T. 0.009 min

Lab File: BM046577.D

Acq: 13 Jul 2024 11:26

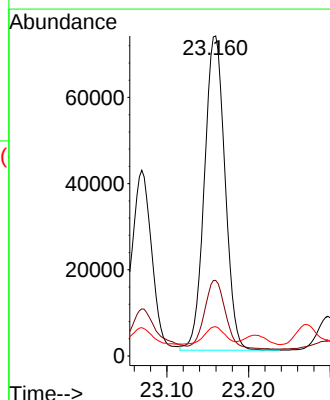
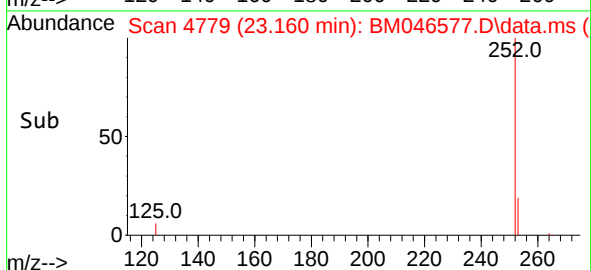
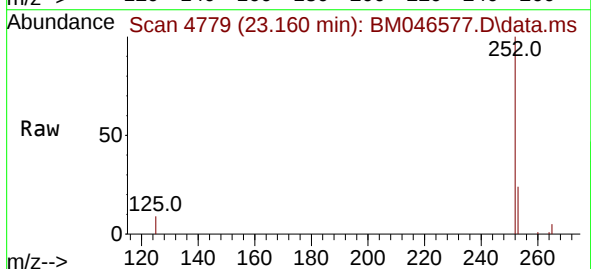
Tgt Ion:252 Resp: 127591

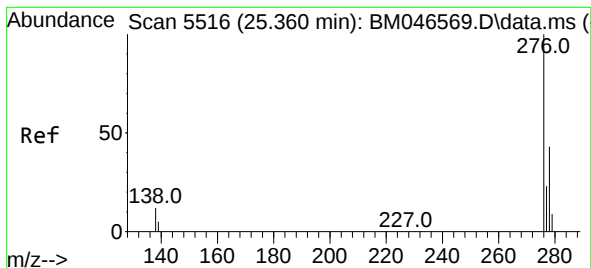
Ion Ratio Lower Upper

252 100

253 23.6 24.0 36.0#

125 9.2 8.2 12.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.593 ng/ul

RT: 25.373 min Scan# 5520

Delta R.T. 0.013 min

Lab File: BM046577.D

Acq: 13 Jul 2024 11:26

Instrument :

BNA_M

ClientSampleId :

A4D02

Tgt Ion:276 Resp: 136038

Ion Ratio Lower Upper

276 100

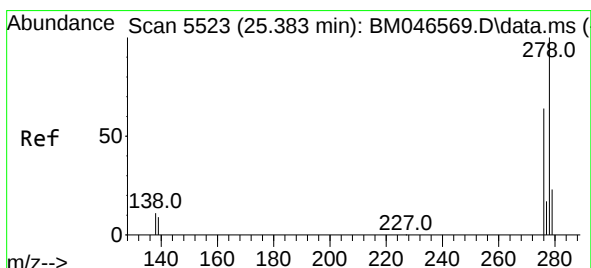
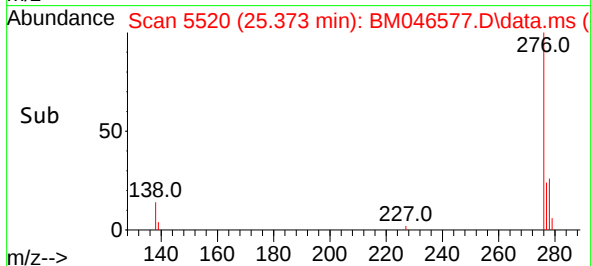
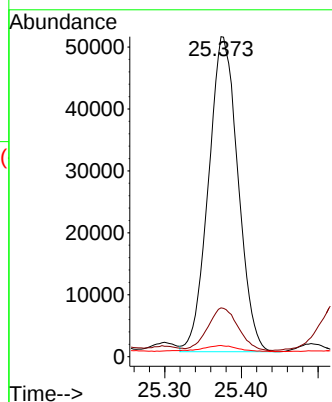
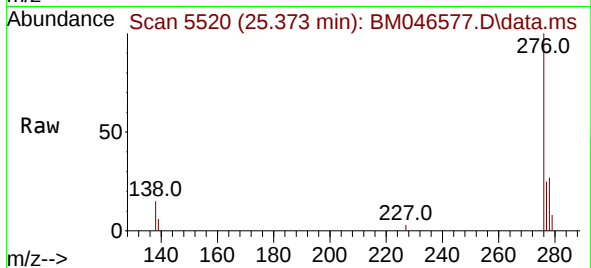
138 13.8 0.0 0.0

227 2.4 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#28

Dibenzo(a,h)anthracene

Concen: 1.184 ng/ul

RT: 25.387 min Scan# 5524

Delta R.T. 0.003 min

Lab File: BM046577.D

Acq: 13 Jul 2024 11:26

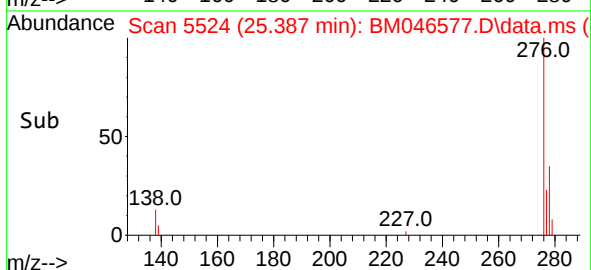
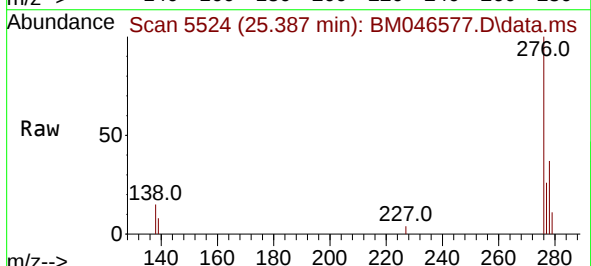
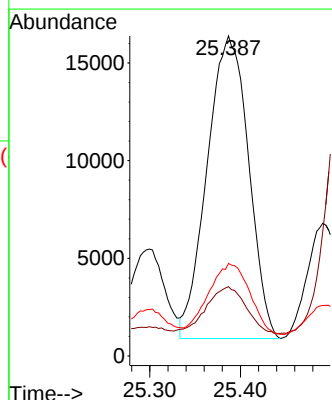
Tgt Ion:278 Resp: 49159

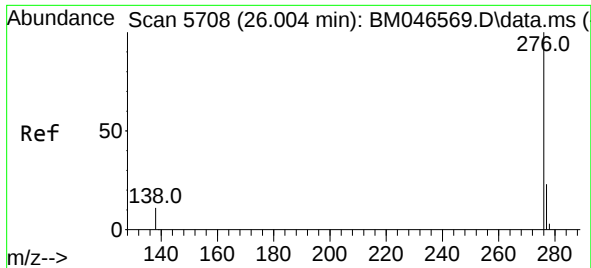
Ion Ratio Lower Upper

278 100

139 21.7 9.1 13.7

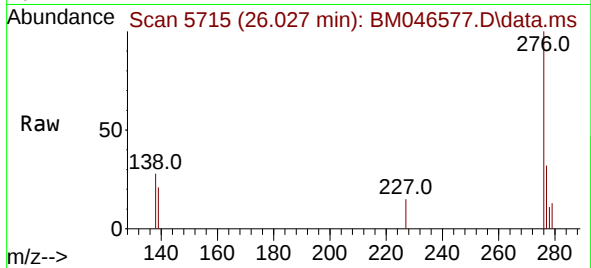
279 28.9 23.2 34.8





#29
Benzo(g,h,i)perylene
Concen: 0.472 ng/ul
RT: 26.027 min Scan# 51
Delta R.T. 0.024 min
Lab File: BM046577.D
Acq: 13 Jul 2024 11:26

Instrument :
BNA_M
ClientSampleId :
A4D02



Tgt Ion:276 Resp: 1975
Ion Ratio Lower Upper
276 100
138 27.6 10.2 15.4
277 31.8 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

