

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046578.D
 Acq On : 13 Jul 2024 12:02
 Operator : MA/JU
 Sample : P3088-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D09

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 09:01:20 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 : 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	7.510	152	5424	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	15088	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.150	164	9395	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	20018	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.108	240	12498	0.400	ng/ul	# 0.00
23) Perylene-d12	23.250	264	12576	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	8528	1.914	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	4520	0.186	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	10117	0.266	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.315	128	4276	0.111	ng/ul	98
7) 2-Methylnaphthalene	11.943	142	2357	0.087	ng/ul	100
8) 1-Methylnaphthalene	12.163	142	1595	0.058	ng/ul	99
10) Acenaphthylene	13.868	152	16109	0.377	ng/ul	98
11) Acenaphthene	14.215	153	2352	0.082	ng/ul	99
12) Fluorene	15.210	166	4032	0.114	ng/ul#	96
14) Pentachlorophenol	16.559	266	380	0.037	ng/ul	97
15) Phenanthrene	16.943	178	82922	1.452	ng/ul	98
16) Anthracene	17.036	178	20905	0.375	ng/ul	99
19) Fluoranthene	18.970	202	182527	3.556	ng/ul	99
20) Pyrene	19.337	202	125618	2.260	ng/ul	99
21) Benzo(a)anthracene	21.090	228	79093	1.431	ng/ul	96
22) Chrysene	21.143	228	86780	1.622	ng/ul	98
24) Benzo(b)fluoranthene	22.615	252	113278m	2.255	ng/ul	
25) Benzo(k)fluoranthene	22.653	252	44369m	0.900	ng/ul	
26) Benzo(a)pyrene	23.159	252	46402	1.122	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.370	276	46736	0.743	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.383	278	15923	0.320	ng/ul#	75
29) Benzo(g,h,i)perylene	26.017	276	30241	0.602	ng/ul#	96

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

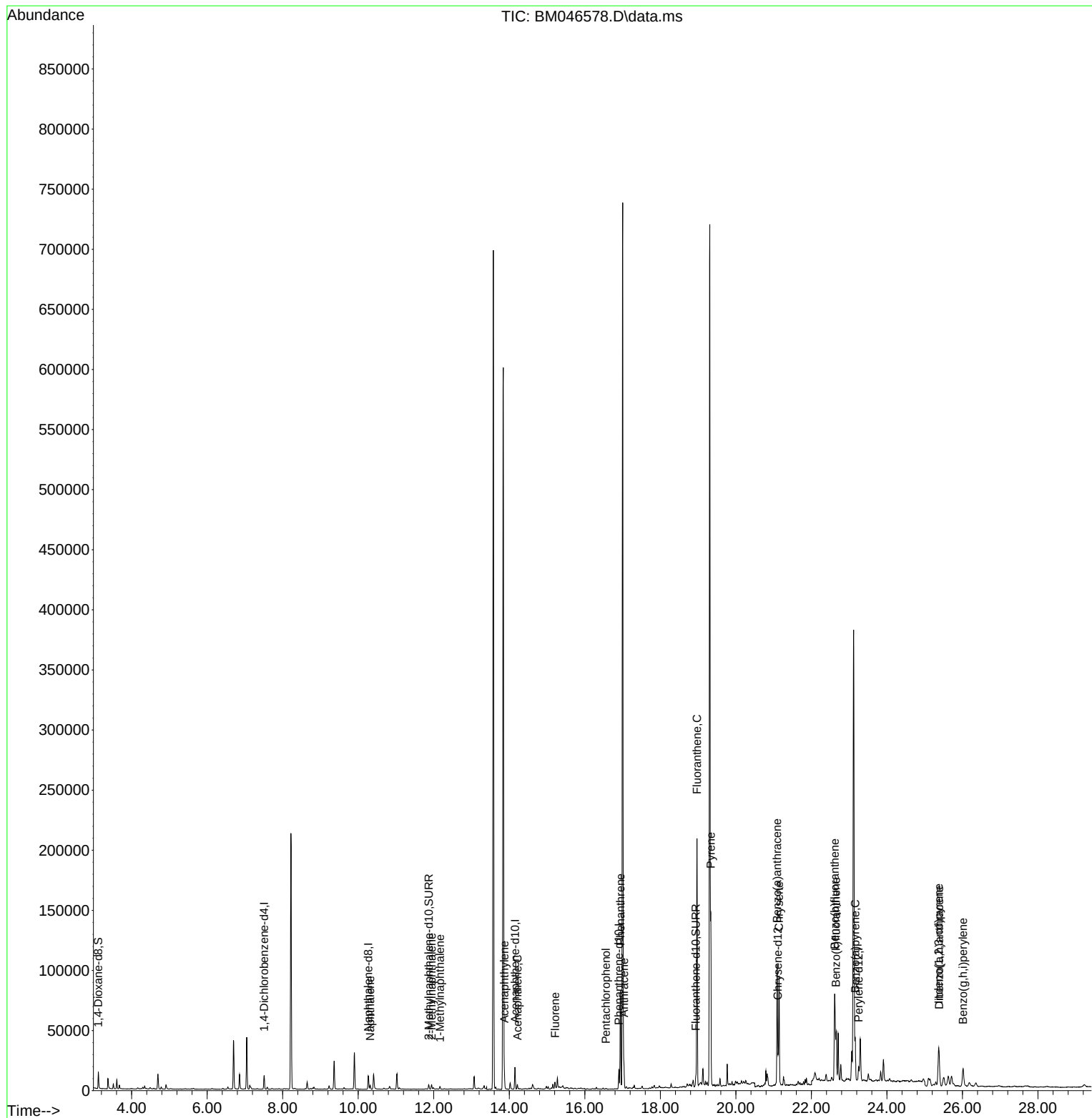
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046578.D
Acq On : 13 Jul 2024 12:02
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ALS Vial : 41 Sample Multiplier: 1

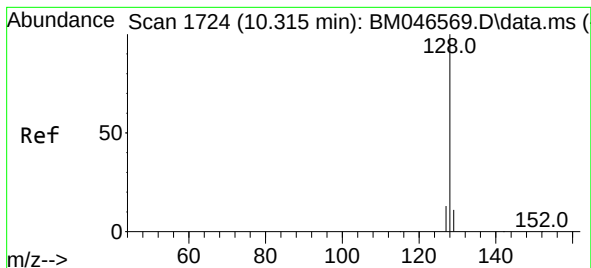
Instrument :
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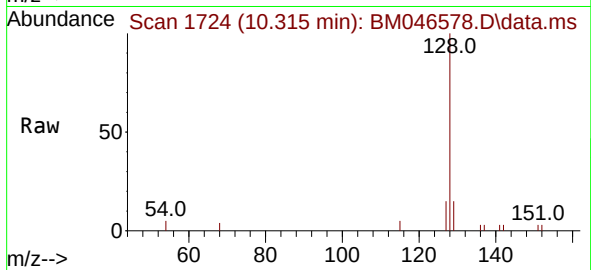
Quant Time: Jul 15 09:01:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.315 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

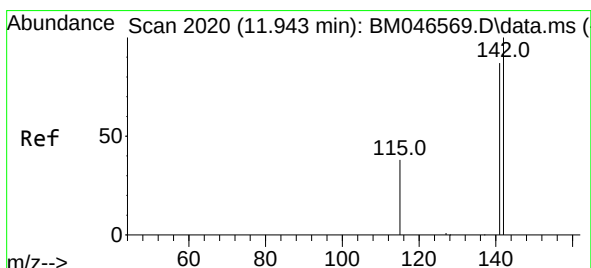
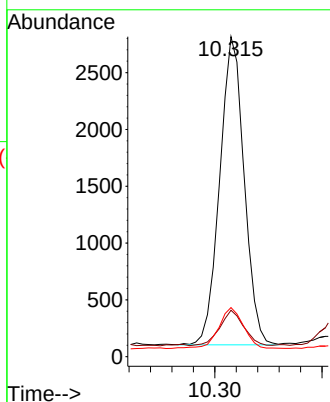
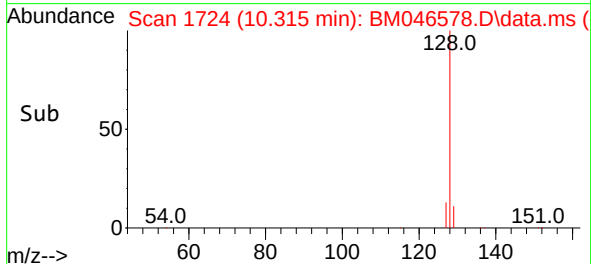
Instrument :
BNA_M
ClientSampleId :
A4D09



Tgt Ion:128 Resp: 4270
Ion Ratio Lower Upper
128 100
129 14.5 10.3 15.5
127 15.3 12.2 18.4

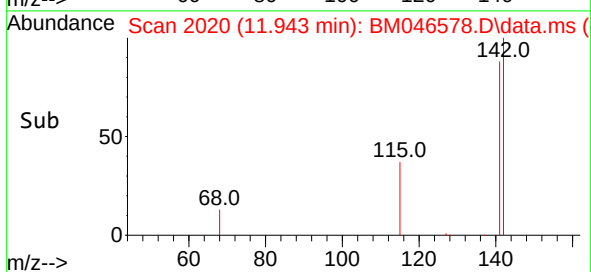
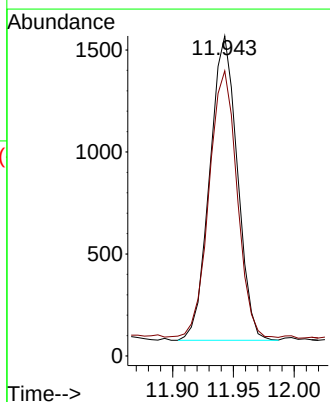
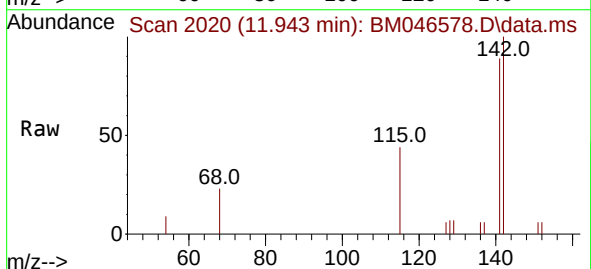
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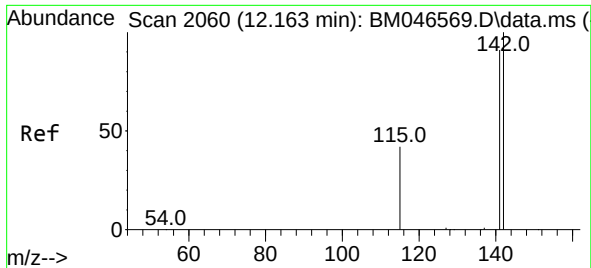
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 11.943 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

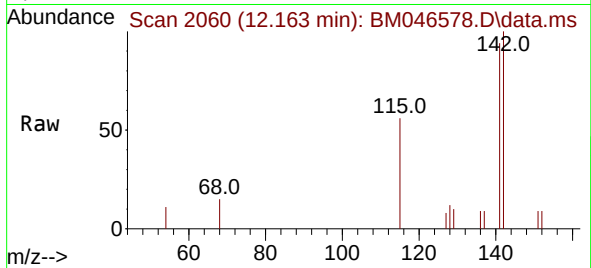
Tgt Ion:142 Resp: 2357
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.163 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

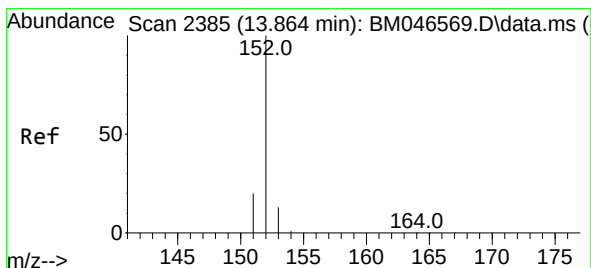
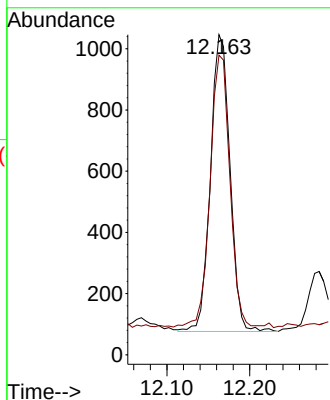
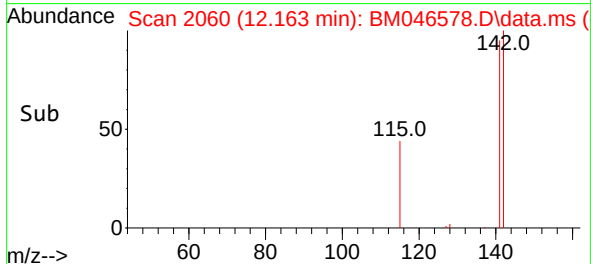
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 159
Ion Ratio Lower Upper
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141 91.8 73.9 110.9

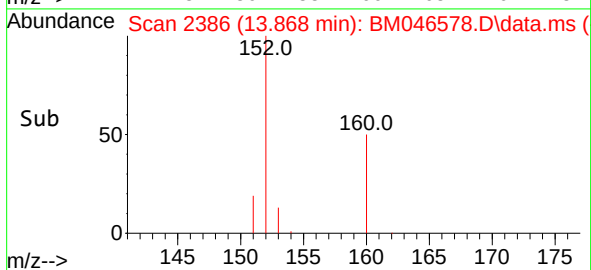
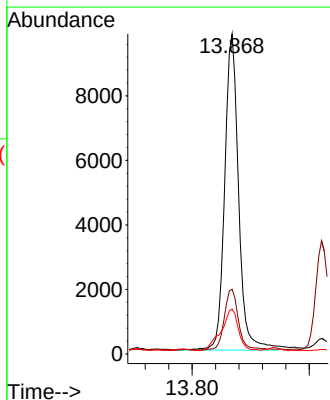
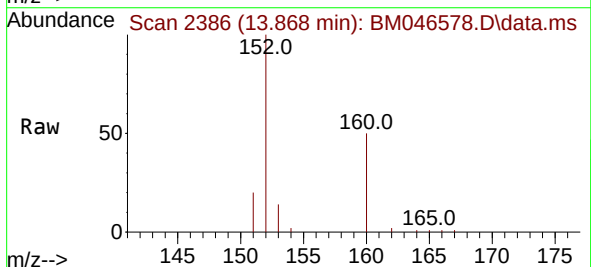
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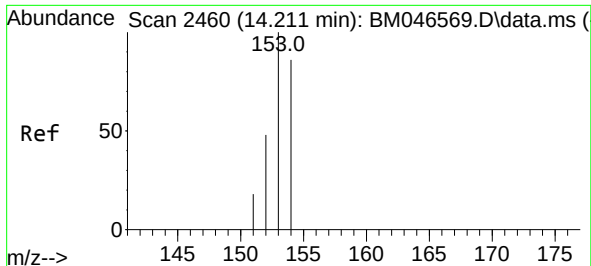
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 13.868 min Scan# 2386
Delta R.T. 0.004 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

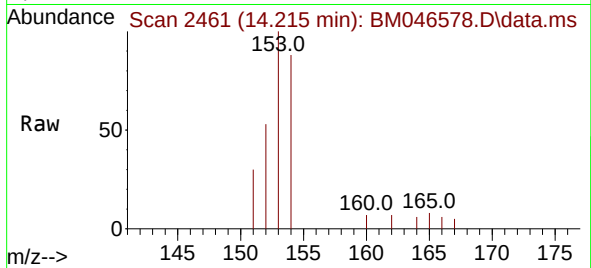
Tgt Ion:152 Resp: 16109
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 14.0 12.4 18.6





#11
Acenaphthene
Concen: 0.082 ng/u1
RT: 14.215 min Scan# 2461
Delta R.T. 0.004 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

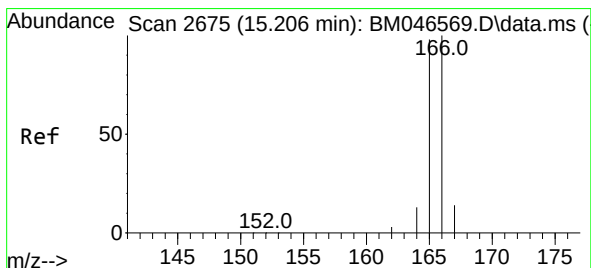
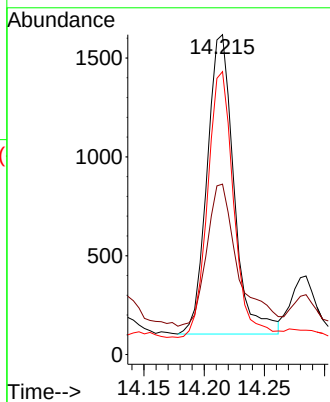
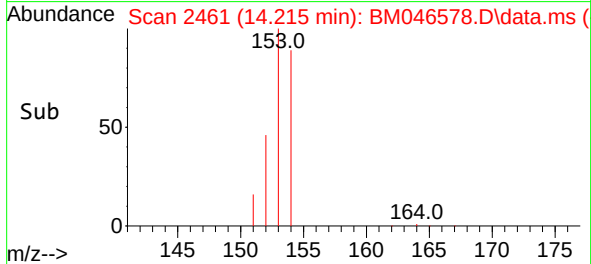
Instrument :
BNA_M
ClientSampleId :
A4D09



Tgt Ion:153 Resp: 2352
Ion Ratio Lower Upper
153 100
152 53.3 43.0 64.6
154 88.4 69.9 104.9

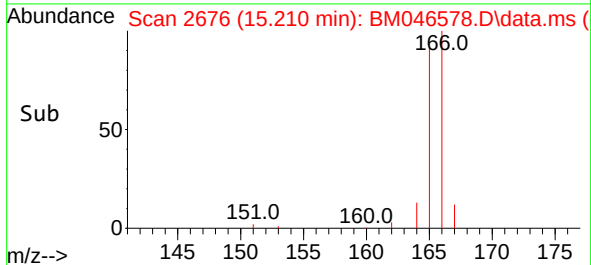
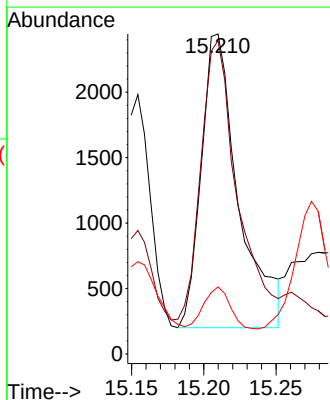
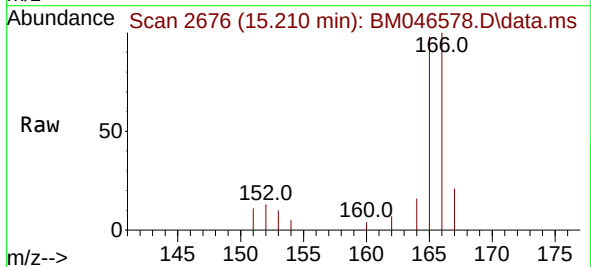
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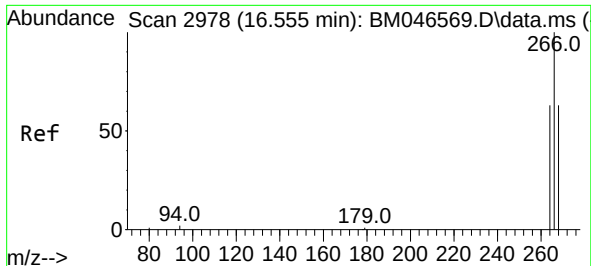
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.114 ng/u1
RT: 15.210 min Scan# 2676
Delta R.T. 0.004 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

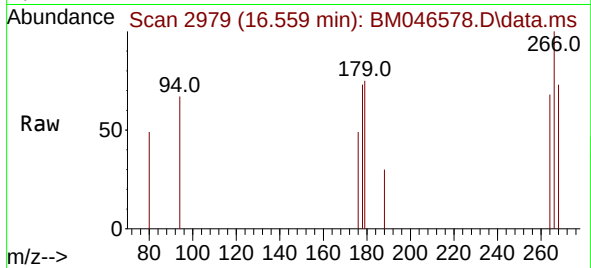
Tgt Ion:166 Resp: 4032
Ion Ratio Lower Upper
166 100
165 97.9 76.1 114.1
167 21.0 12.5 18.7#





#14
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 16.559 min Scan# 2978
Delta R.T. 0.004 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

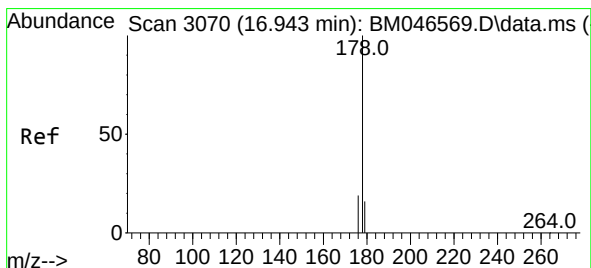
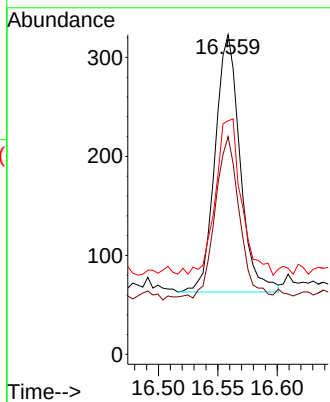
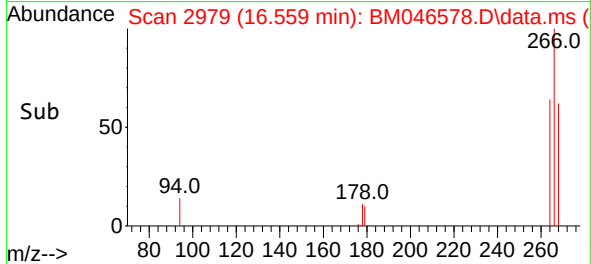
Instrument :
BNA_M
ClientSampleId :
A4D09



Tgt Ion:266 Resp: 380
Ion Ratio Lower Upper
266 100
264 64.2 50.1 75.1
268 63.2 52.5 78.7

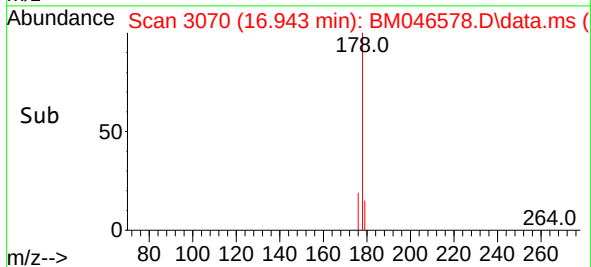
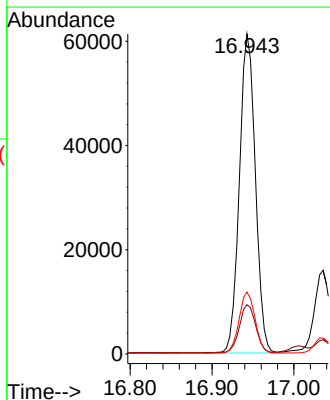
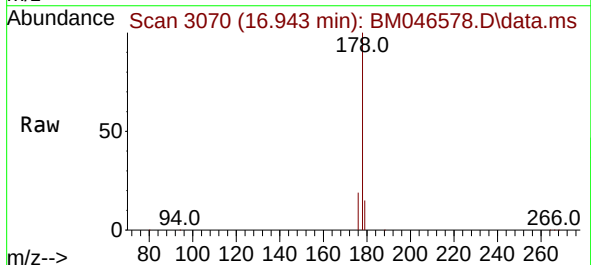
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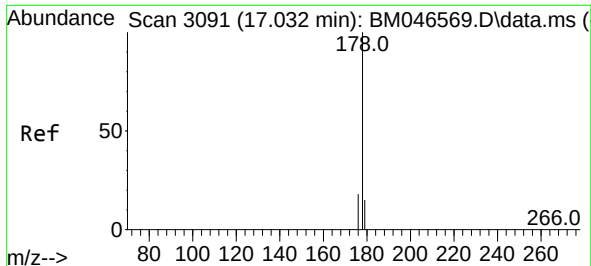
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 1.452 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

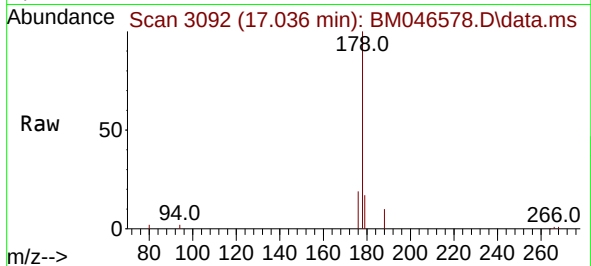
Tgt Ion:178 Resp: 82922
Ion Ratio Lower Upper
178 100
179 15.4 13.1 19.7
176 19.4 16.0 24.0





#16
 Anthracene
 Concen: 0.375 ng/u1
 RT: 17.036 min Scan# 3091
 Delta R.T. 0.004 min
 Lab File: BM046578.D
 Acq: 13 Jul 2024 12:02

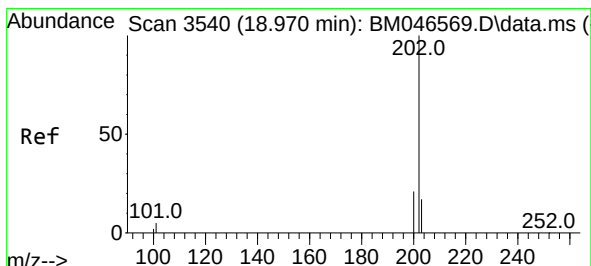
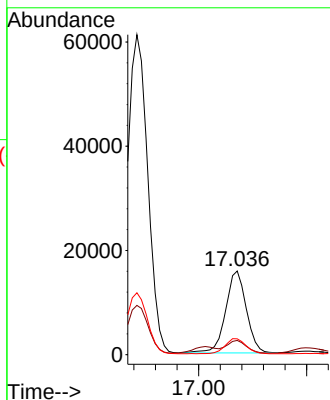
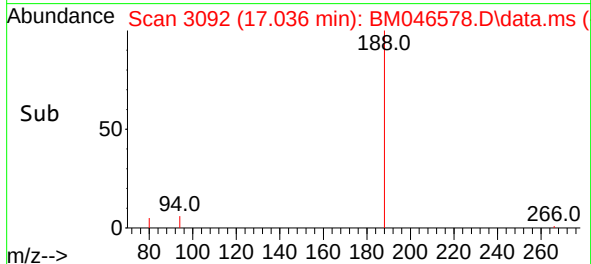
Instrument :
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Tgt Ion:178 Resp: 20905
 Ion Ratio Lower Upper
 178 100
 179 17.0 13.5 20.3
 176 18.9 15.7 23.5

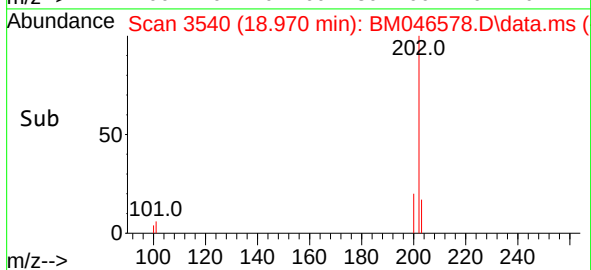
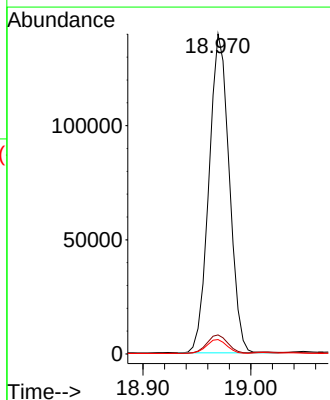
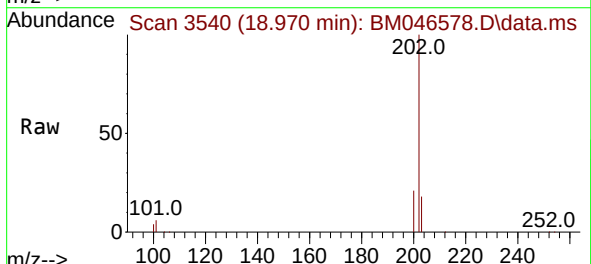
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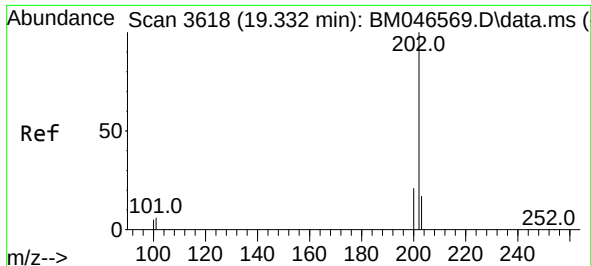
Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 3.556 ng/u1
 RT: 18.970 min Scan# 3540
 Delta R.T. -0.000 min
 Lab File: BM046578.D
 Acq: 13 Jul 2024 12:02

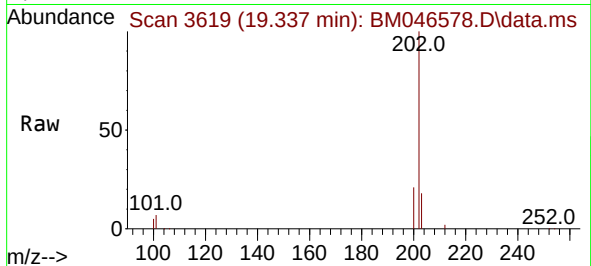
Tgt Ion:202 Resp: 182527
 Ion Ratio Lower Upper
 202 100
 101 5.9 4.6 6.8
 100 4.5 3.0 4.6





#20
Pyrene
Concen: 2.260 ng/ul
RT: 19.337 min Scan# 3618
Delta R.T. 0.004 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

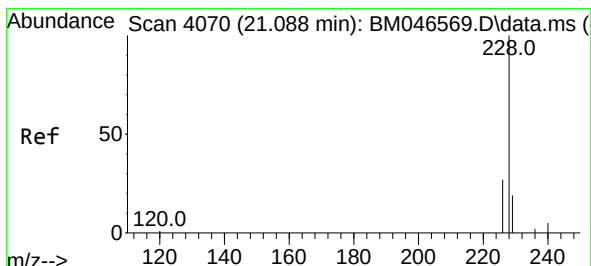
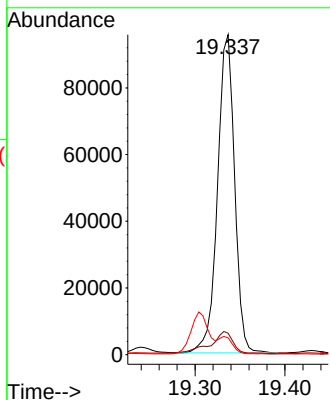
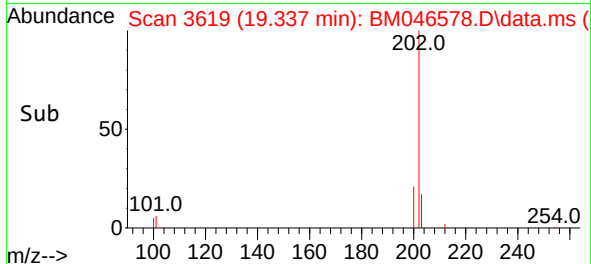
Instrument :
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Tgt Ion:202 Resp: 125618
Ion Ratio Lower Upper
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101 6.7 5.1 7.7
100 5.2 3.8 5.6

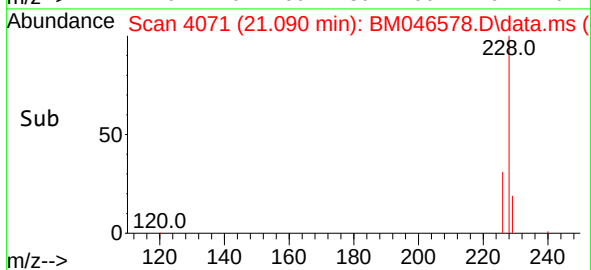
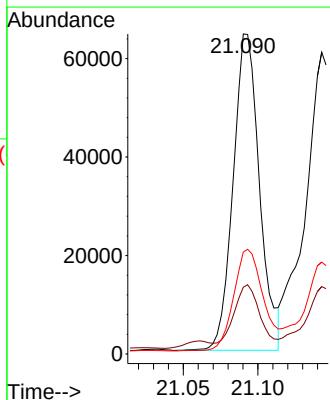
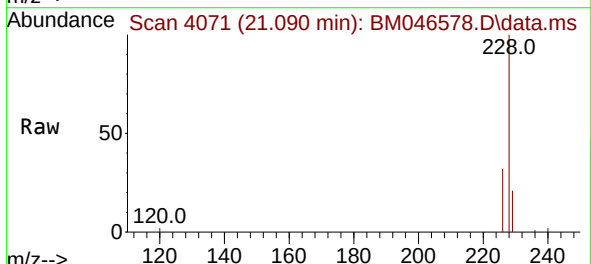
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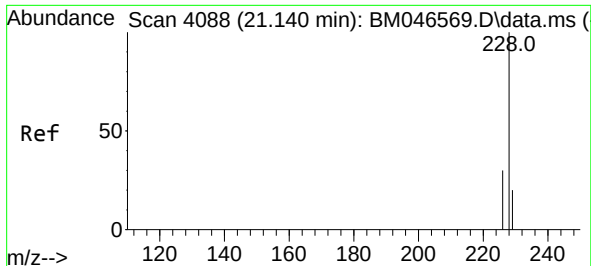
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 1.431 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. 0.002 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

Tgt Ion:228 Resp: 79093
Ion Ratio Lower Upper
228 100
229 20.8 16.5 24.7
226 31.8 22.5 33.7





#22

Chrysene

Concen: 1.622 ng/ul

RT: 21.143 min Scan# 4089

Delta R.T. 0.002 min

Lab File: BM046578.D

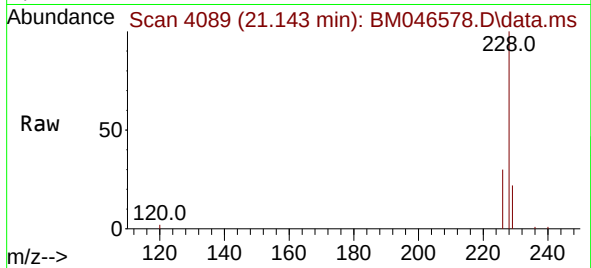
Acq: 13 Jul 2024 12:02

Instrument :

BNA_M

ClientSampleId :

A4D09

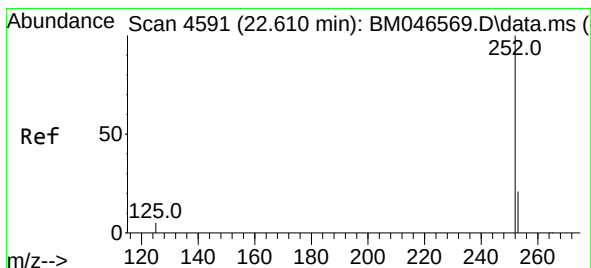
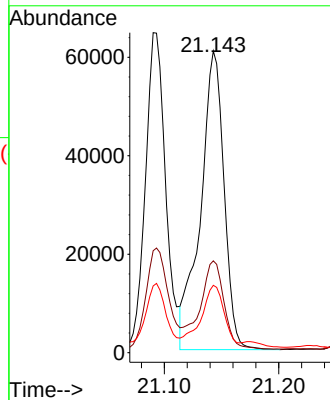
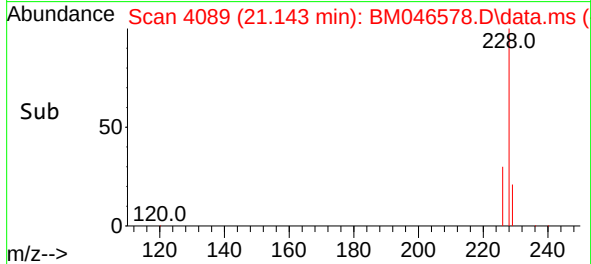


Tgt Ion:228	Resp:	86780
Ion Ratio	Lower	Upper
228	100	
226	30.4	24.3 36.5
229	22.3	16.4 24.6

Manual Integrations

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



#24

Benzo(b)fluoranthene

Concen: 2.255 ng/ul m

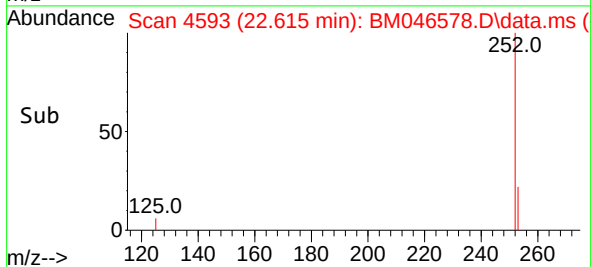
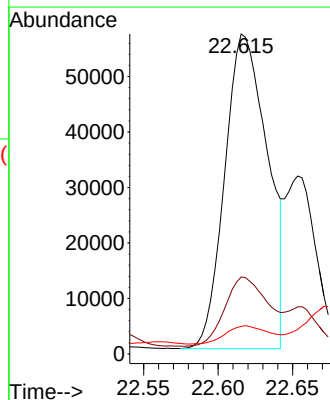
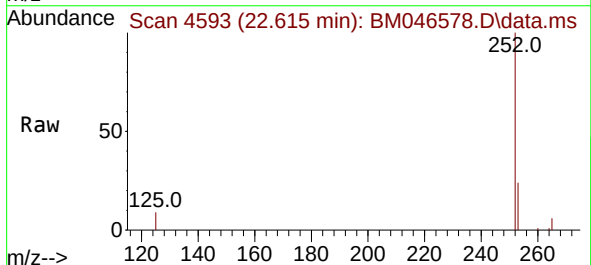
RT: 22.615 min Scan# 4593

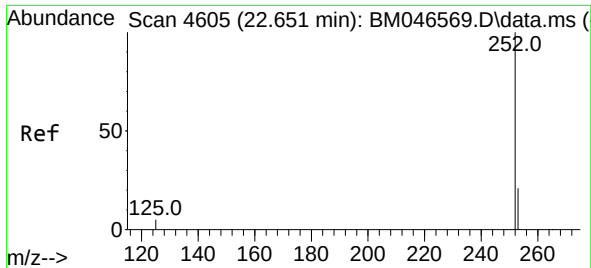
Delta R.T. 0.005 min

Lab File: BM046578.D

Acq: 13 Jul 2024 12:02

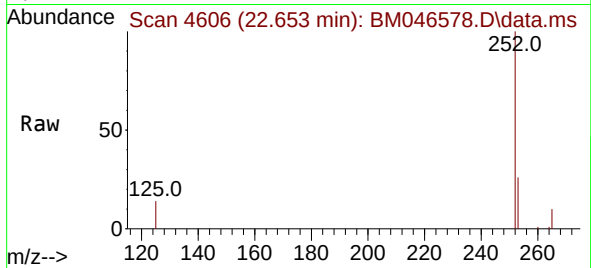
Tgt Ion:252	Resp:	113278
Ion Ratio	Lower	Upper
252	100	
253	24.1	0.0 56.2
125	8.6	0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.900 ng/ul m
RT: 22.653 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

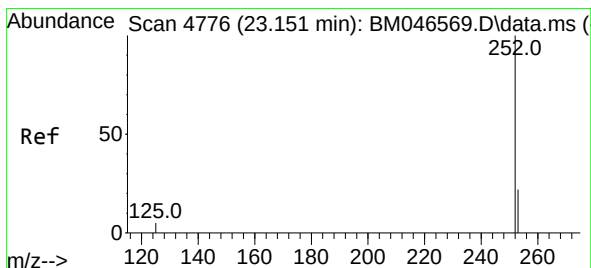
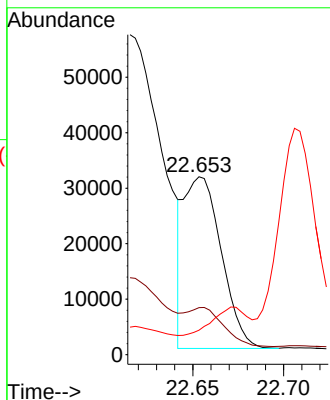
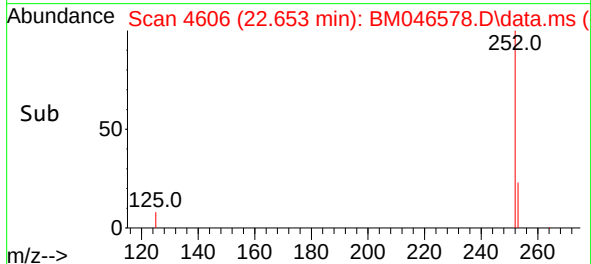
Instrument :
BNA_M
ClientSampleId :
A4D09



Tgt Ion:252 Resp: 44369
Ion Ratio Lower Upper
252 100
253 26.4 22.4 33.6
125 13.8 7.0 10.4

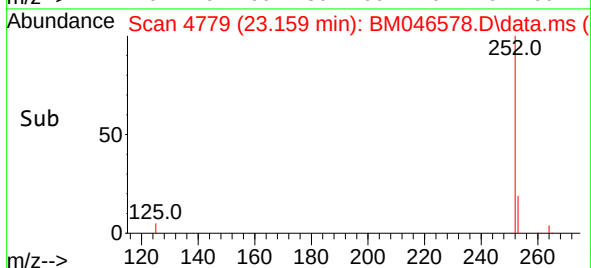
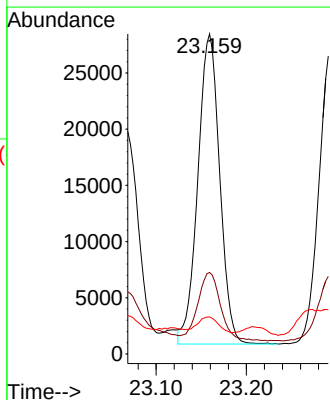
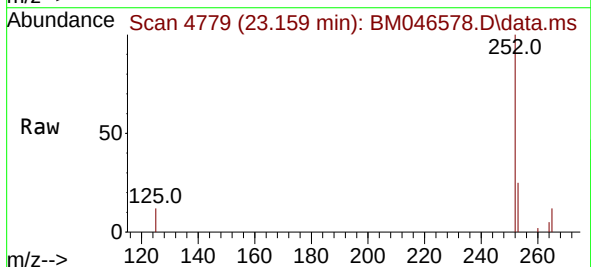
Manual Integrations
APPROVED

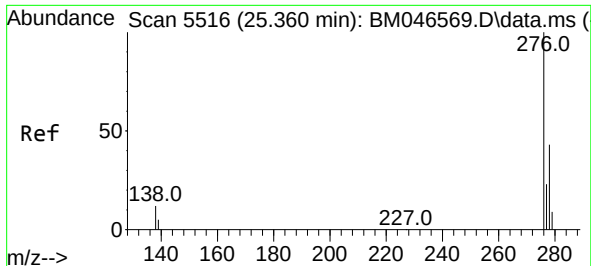
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#26
Benzo(a)pyrene
Concen: 1.122 ng/ul
RT: 23.159 min Scan# 4779
Delta R.T. 0.008 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

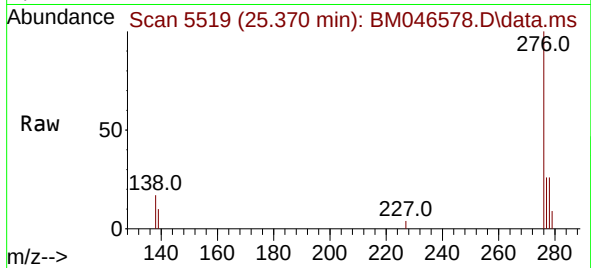
Tgt Ion:252 Resp: 46402
Ion Ratio Lower Upper
252 100
253 25.5 24.0 36.0
125 11.6 8.2 12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.743 ng/ul
RT: 25.370 min Scan# 5516
Delta R.T. 0.010 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

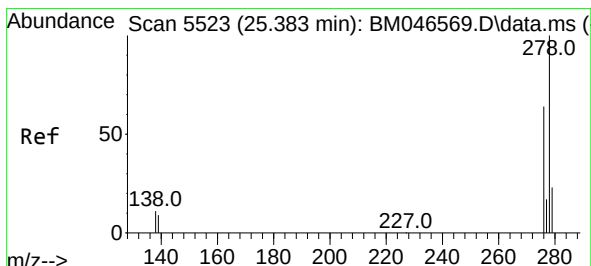
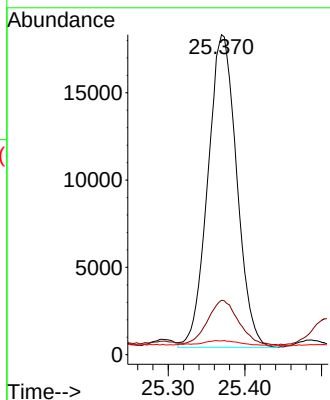
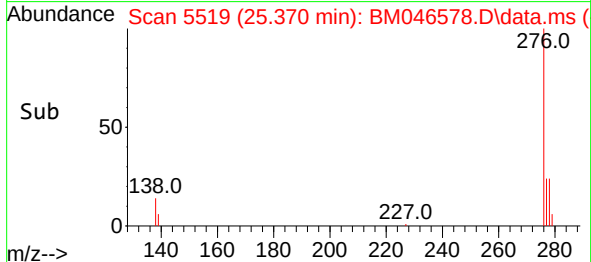
Instrument :
BNA_M
ClientSampleId :
A4D09



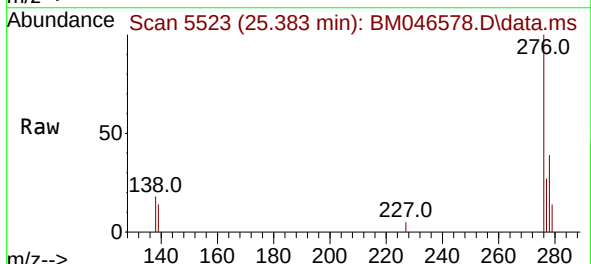
Tgt Ion:276 Resp: 46730
Ion Ratio Lower Upper
276 100
138 15.4 0.0 0.0
227 1.8 0.2 0.2

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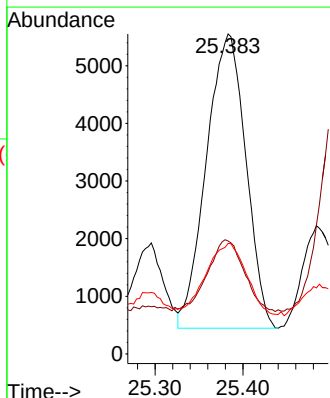
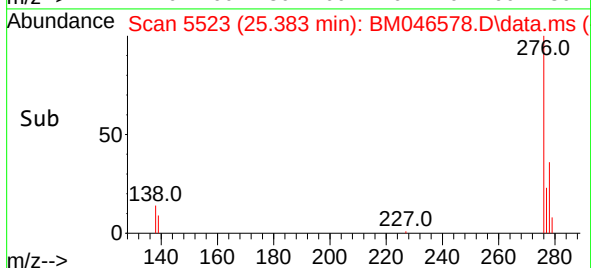
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

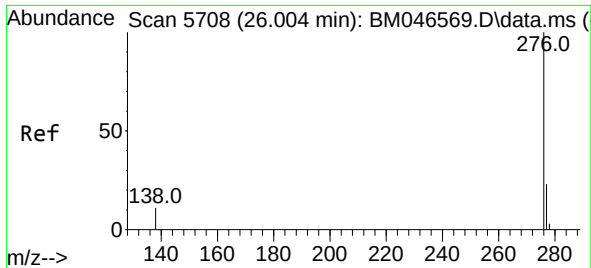


#28
Dibenzo(a,h)anthracene
Concen: 0.320 ng/ul
RT: 25.383 min Scan# 5523
Delta R.T. -0.000 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02



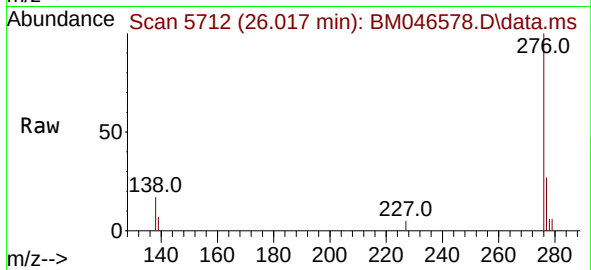
Tgt Ion:278 Resp: 15923
Ion Ratio Lower Upper
278 100
139 35.3 9.1 13.7#
279 34.5 23.2 34.8





#29
Benzo(g,h,i)perylene
Concen: 0.602 ng/ul
RT: 26.017 min Scan# 51
Delta R.T. 0.013 min
Lab File: BM046578.D
Acq: 13 Jul 2024 12:02

Instrument :
BNA_M
ClientSampleId :
A4D09



Tgt Ion:276 Resp: 3024
Ion Ratio Lower Upper
276 100
138 17.4 10.2 15.4
277 26.5 20.9 31.3

Manual Integrations
APPROVED

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

