

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045591.D
 Acq On : 26 Apr 2024 17:11
 Operator : MA/JU
 Sample : P2203-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/27/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 26 18:09:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	1037	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	2950	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1375	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2577m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.184	240	2058	0.400	ng/ul	0.00
23) Perylene-d12	23.367	264	2573m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	6332	4.556	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.920	152	1153	0.296	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	1807	0.279	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.358	128	605	0.076	ng/ul#	84
7) 2-Methylnaphthalene	11.997	142	246	0.054	ng/ul	93
8) 1-Methylnaphthalene	12.217	142	158	0.031	ng/ul	95
10) Acenaphthylene	13.914	152	403	0.059	ng/ul#	68
12) Fluorene	15.255	166	109	0.020	ng/ul#	89
15) Phenanthrene	17.001	178	1776	0.237	ng/ul	98
16) Anthracene	17.094	178	440m	0.063	ng/ul	
19) Fluoranthene	19.033	202	4447	0.468	ng/ul#	93
20) Pyrene	19.396	202	4280m	0.438	ng/ul	
21) Benzo(a)anthracene	21.169	228	2648	0.403	ng/ul	96
22) Chrysene	21.219	228	2735	0.270	ng/ul	96
24) Benzo(b)fluoranthene	22.718	252	5707	0.659	ng/ul	95
25) Benzo(k)fluoranthene	22.753	252	1759m	0.161	ng/ul	
26) Benzo(a)pyrene	23.271	252	3831	0.427	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.551	276	3734	0.286	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.561	278	1051	0.102	ng/ul#	45
29) Benzo(g,h,i)perylene	26.215	276	4361	0.372	ng/ul	98

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

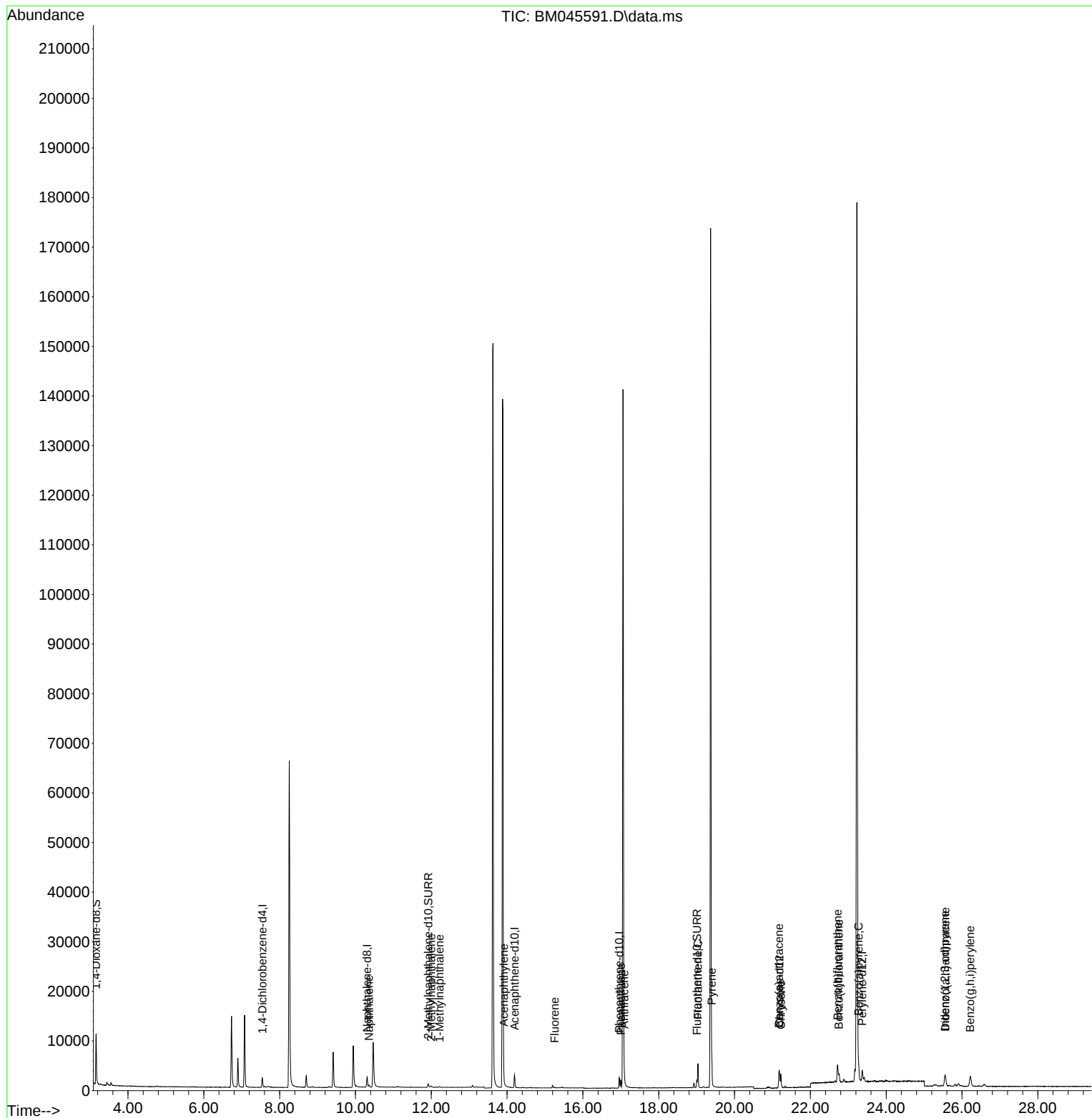
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045591.D
Acq On : 26 Apr 2024 17:11
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Sample : P2203-01
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ALS Vial : 28 Sample Multiplier: 1

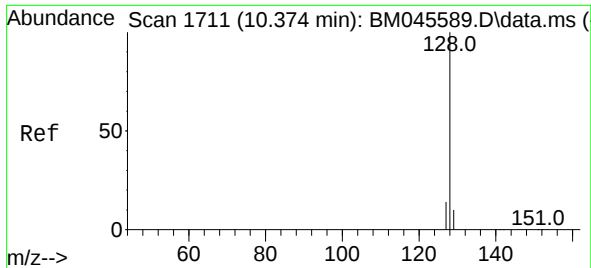
Instrument :
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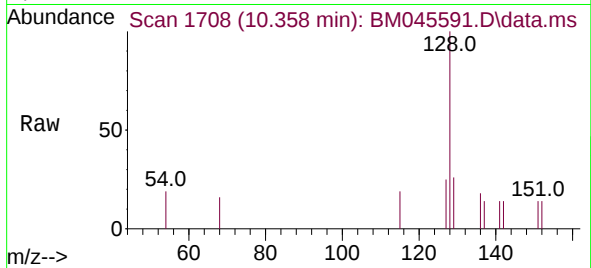
Quant Time: Apr 26 18:09:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.358 min Scan# 1711
Delta R.T. -0.022 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11

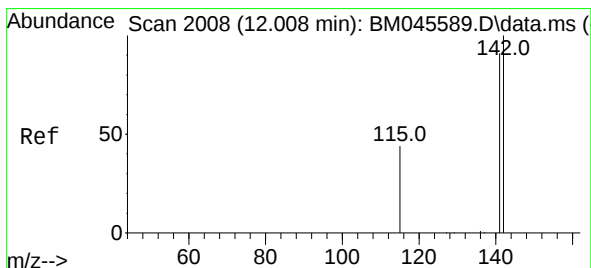
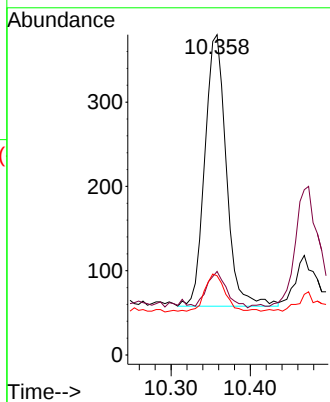
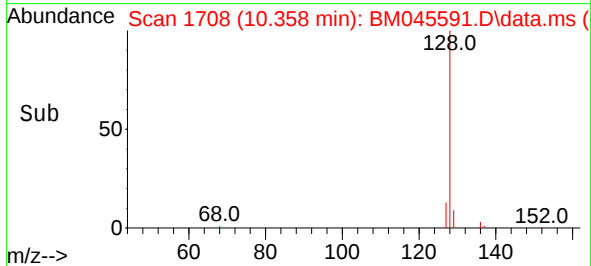
Instrument :
BNA_M
ClientSampleId :
E1CX1



Tgt Ion:128 Resp: 609
Ion Ratio Lower Upper
128 100
129 26.1 14.0 21.0
127 24.7 15.4 23.2

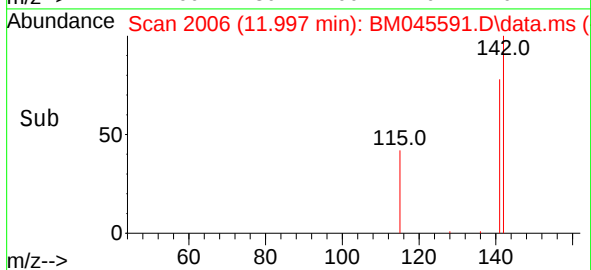
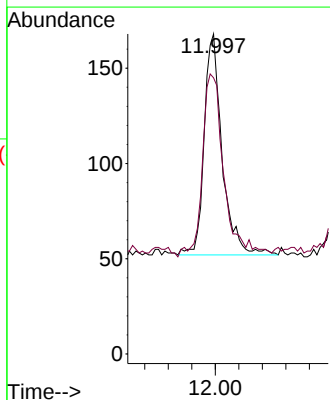
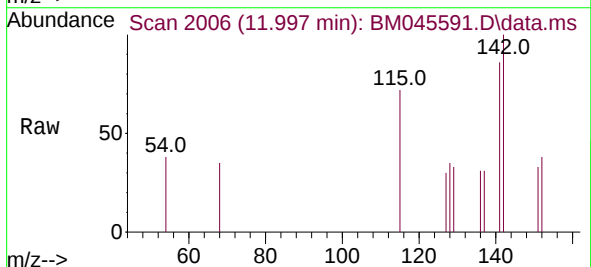
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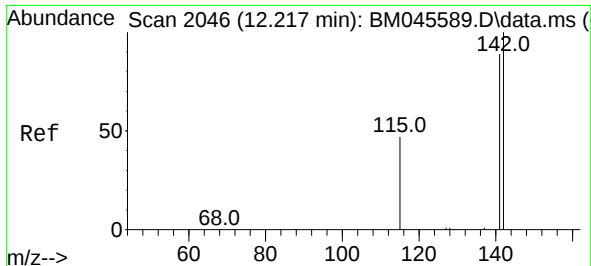
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11

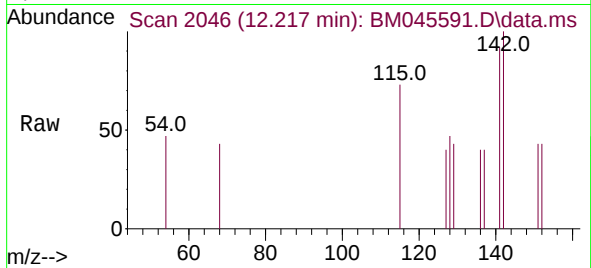
Tgt Ion:142 Resp: 246
Ion Ratio Lower Upper
142 100
141 100.0 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.217 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11

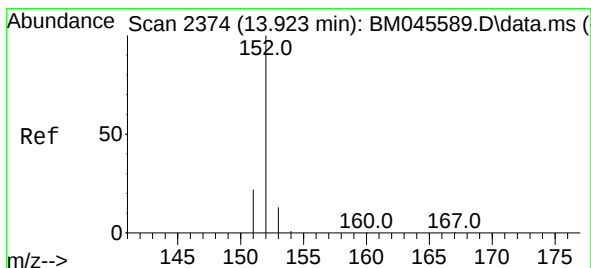
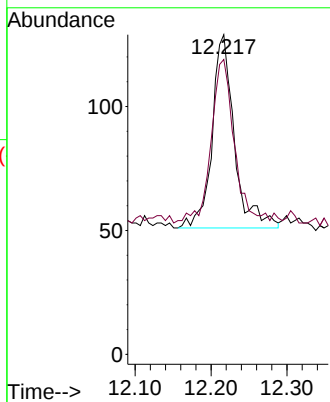
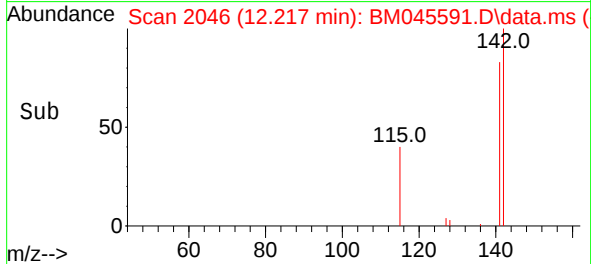
Instrument :
BNA_M
ClientSampleId :
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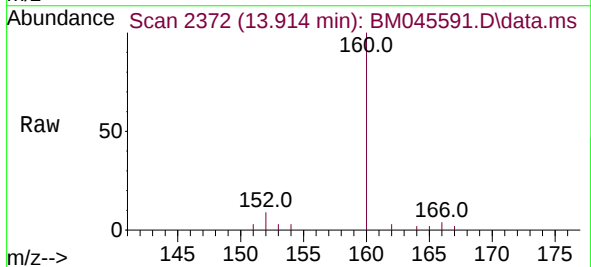
Tgt Ion:142 Resp: 158
Ion Ratio Lower Upper
142 100
141 89.9 76.1 114.1

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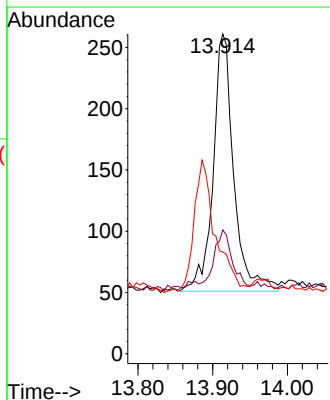
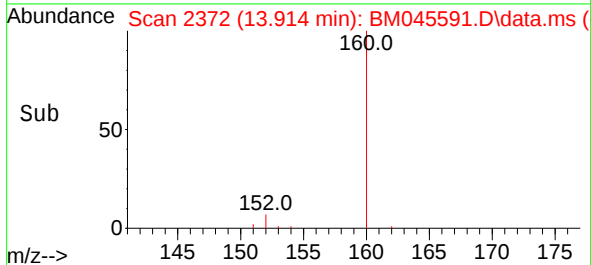
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Supervised By :mohammad ahmed 04/27/2024

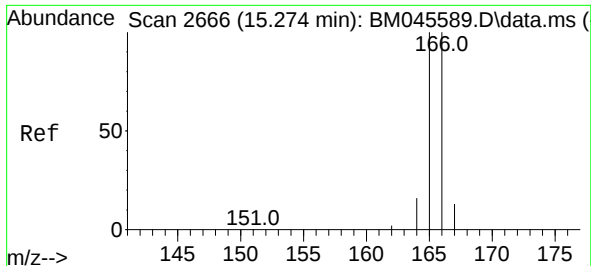


#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 13.914 min Scan# 2372
Delta R.T. -0.014 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11



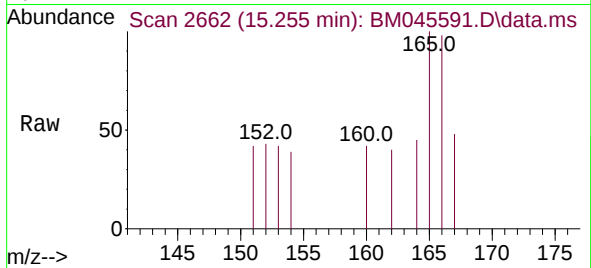
Tgt Ion:152 Resp: 403
Ion Ratio Lower Upper
152 100
151 38.7 18.6 28.0#
153 31.8 14.1 21.1#





#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.255 min Scan# 2066
Delta R.T. -0.023 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11

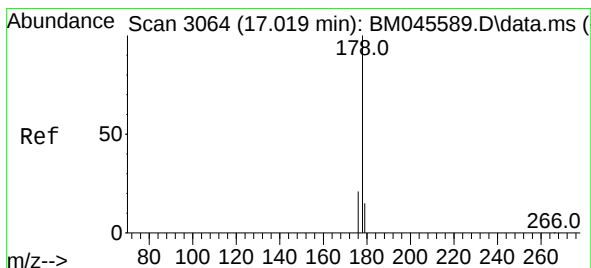
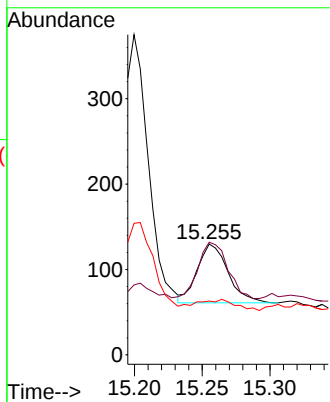
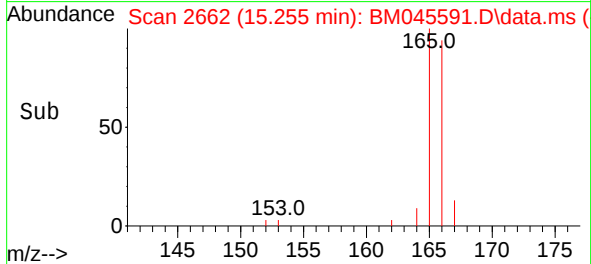
Instrument :
BNA_M
ClientSampleId :
E1CX1



Tgt Ion:166 Resp: 109
Ion Ratio Lower Upper
166 100
165 101.5 82.2 123.2
167 48.5 14.8 22.2

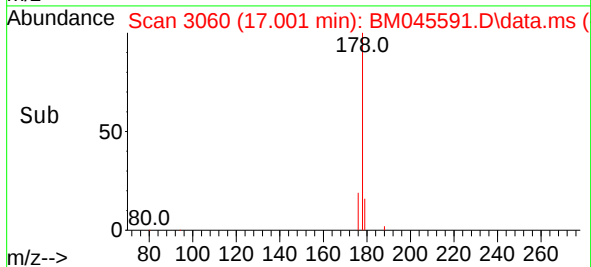
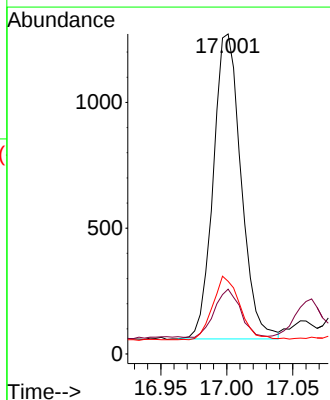
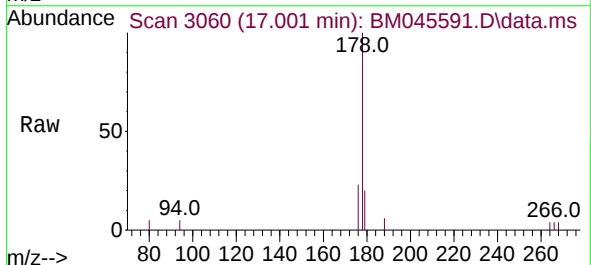
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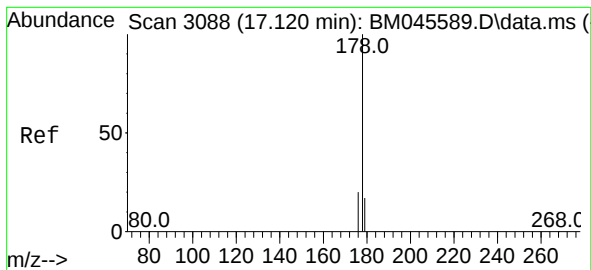
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#15
Phenanthrene
Concen: 0.237 ng/ul
RT: 17.001 min Scan# 3060
Delta R.T. -0.021 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11

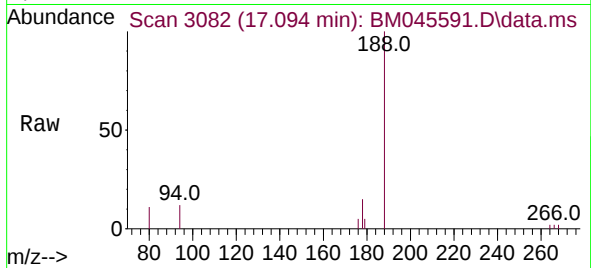
Tgt Ion:178 Resp: 1776
Ion Ratio Lower Upper
178 100
179 20.3 15.4 23.2
176 22.7 19.0 28.4





#16
Anthracene
Concen: 0.063 ng/ul m
RT: 17.094 min Scan# 3088
Delta R.T. -0.025 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11

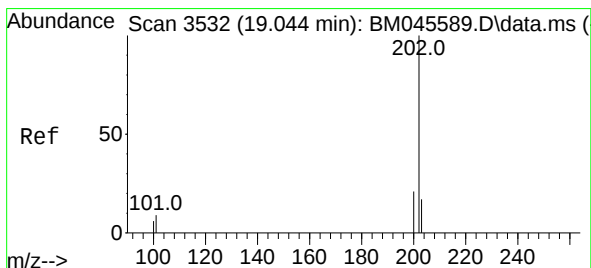
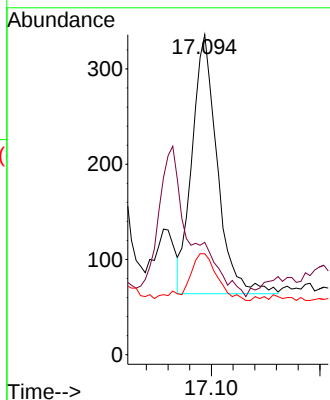
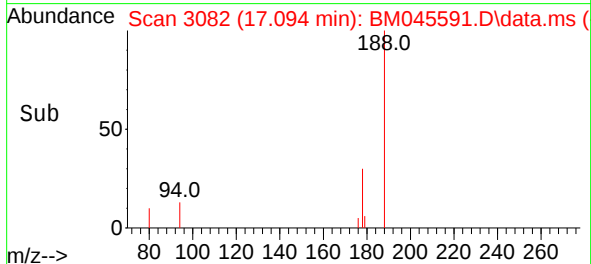
Instrument :
BNA_M
ClientSampleId :
E1CX1



Tgt Ion:178 Resp: 440
Ion Ratio Lower Upper
178 100
179 35.1 17.8 26.6
176 31.5 18.7 28.1

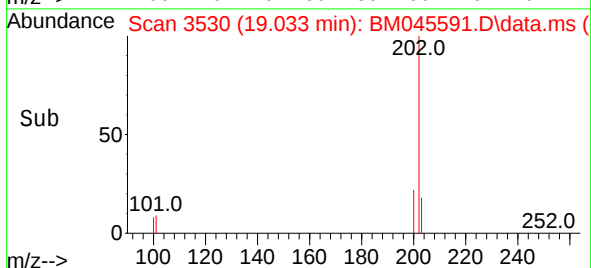
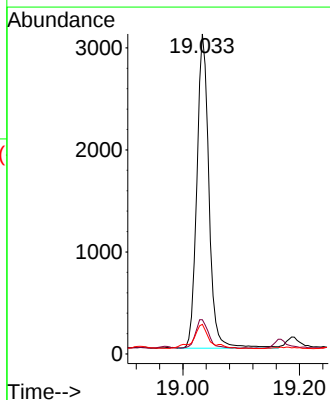
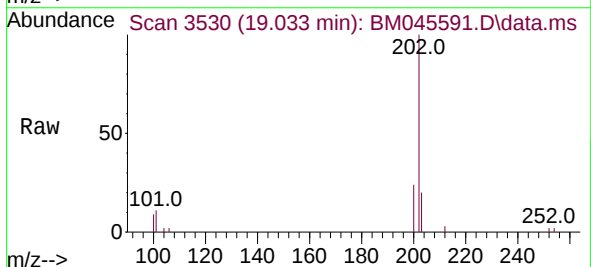
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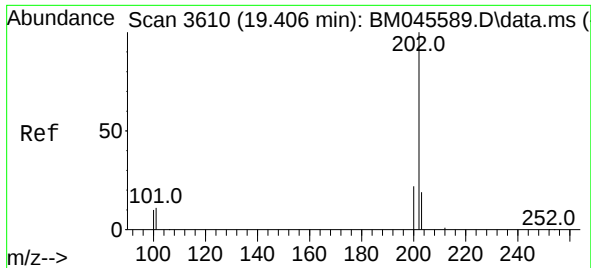
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#19
Fluoranthene
Concen: 0.468 ng/ul
RT: 19.033 min Scan# 3530
Delta R.T. -0.014 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11

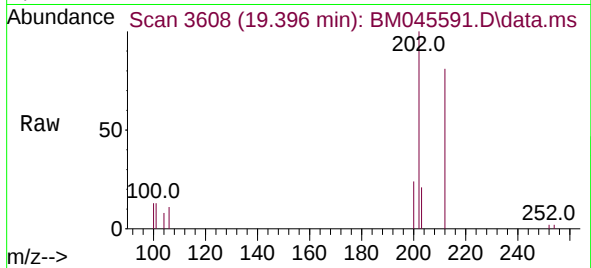
Tgt Ion:202 Resp: 4447
Ion Ratio Lower Upper
202 100
101 10.7 11.2 16.8
100 9.3 9.1 13.7





#20
Pyrene
Concen: 0.438 ng/ul m
RT: 19.396 min Scan# 3608
Delta R.T. -0.019 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11

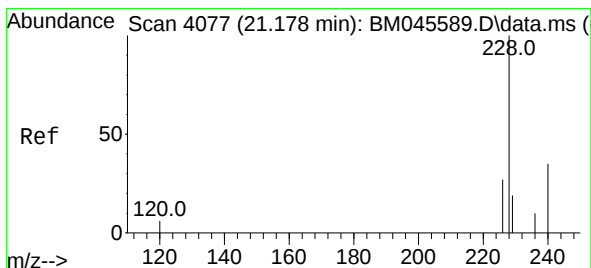
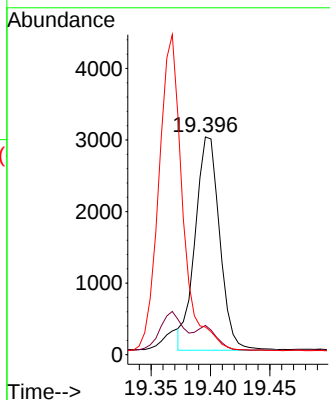
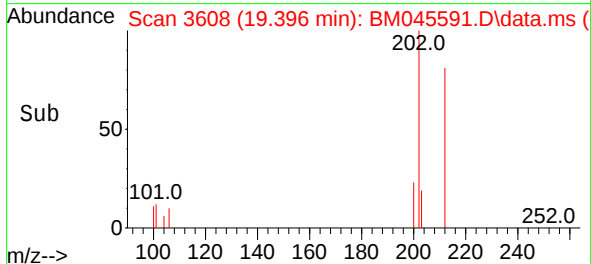
Instrument :
BNA_M
ClientSampleId :
E1CX1



Tgt Ion:202 Resp: 4280
Ion Ratio Lower Upper
202 100
101 13.5 11.5 17.3
100 12.7 10.6 15.8

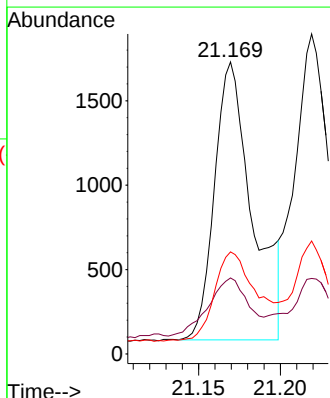
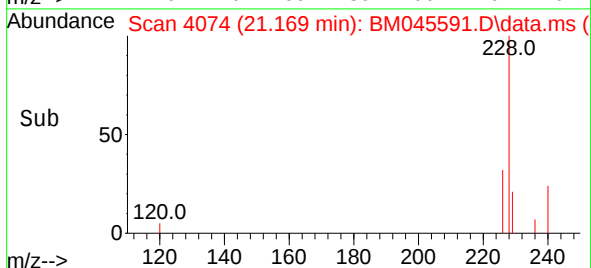
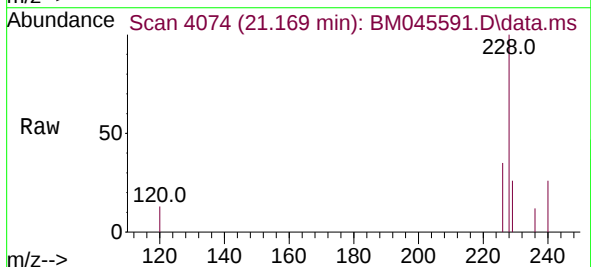
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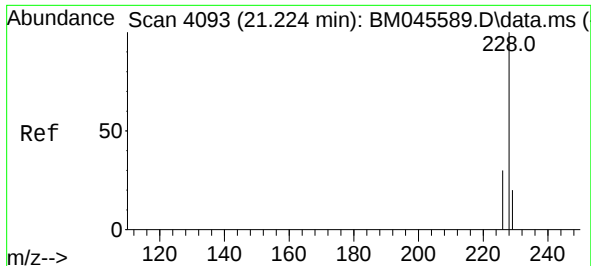
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#21
Benzo(a)anthracene
Concen: 0.403 ng/ul
RT: 21.169 min Scan# 4074
Delta R.T. -0.012 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11

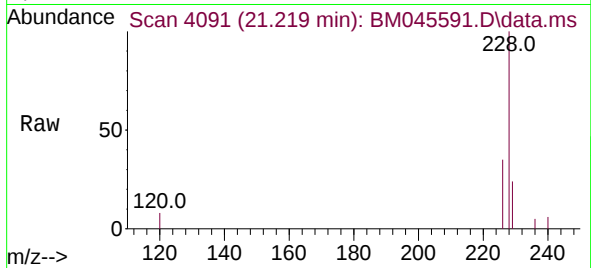
Tgt Ion:228 Resp: 2648
Ion Ratio Lower Upper
228 100
229 26.0 19.4 29.2
226 35.0 26.3 39.5





#22
Chrysene
Concen: 0.270 ng/ul
RT: 21.219 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11

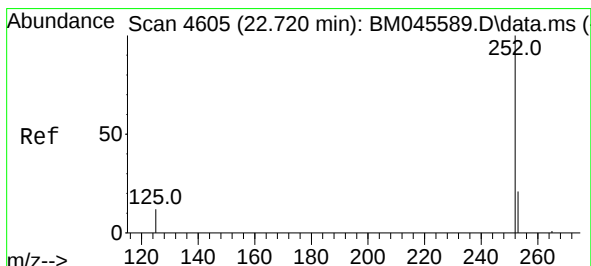
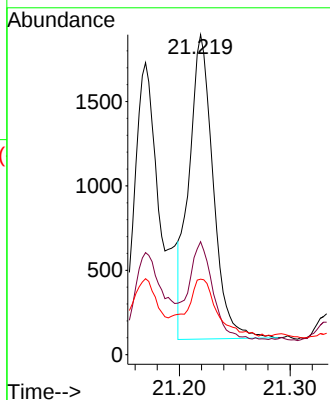
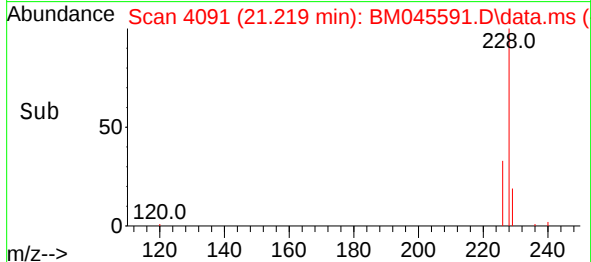
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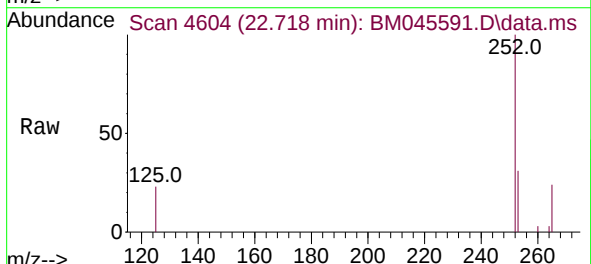
Tgt Ion:228 Resp: 2735
Ion Ratio Lower Upper
228 100
226 35.3 26.3 39.5
229 23.6 17.8 26.8

Manual Integrations
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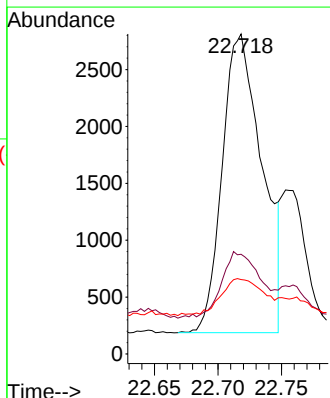
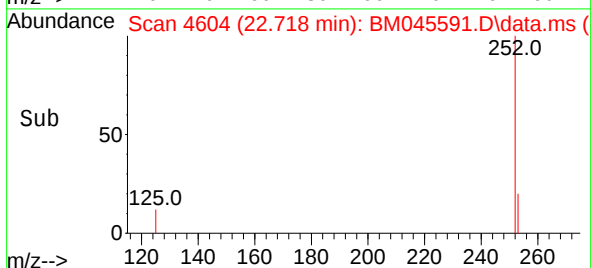
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024

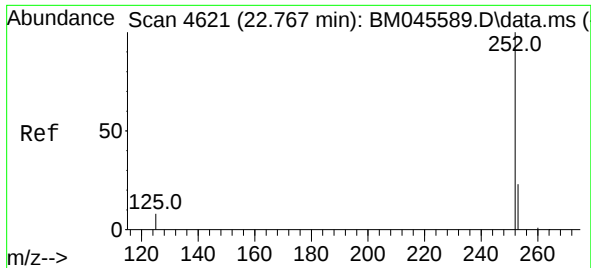


#24
Benzo(b)fluoranthene
Concen: 0.659 ng/ul
RT: 22.718 min Scan# 4604
Delta R.T. -0.012 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11



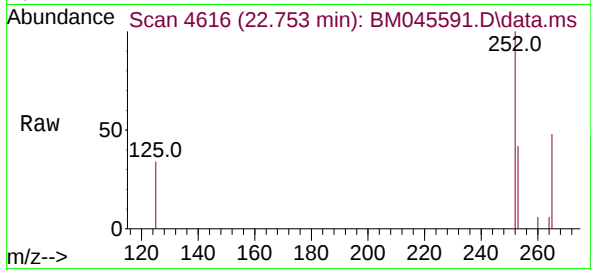
Tgt Ion:252 Resp: 5707
Ion Ratio Lower Upper
252 100
253 31.1 0.0 63.4
125 23.3 0.0 36.8





#25
Benzo(k)fluoranthene
Concen: 0.161 ng/ul m
RT: 22.753 min Scan# 4616
Delta R.T. -0.018 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11

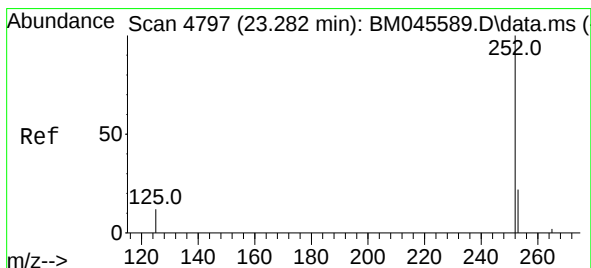
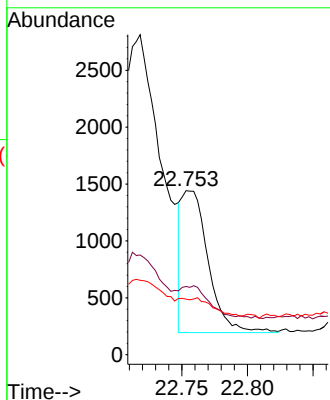
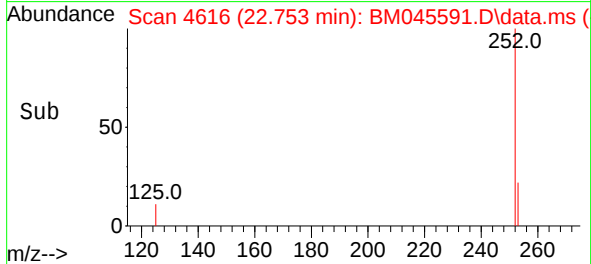
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 1759
Ion Ratio Lower Upper
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253 41.5 25.4 38.0
125 33.8 14.8 22.2

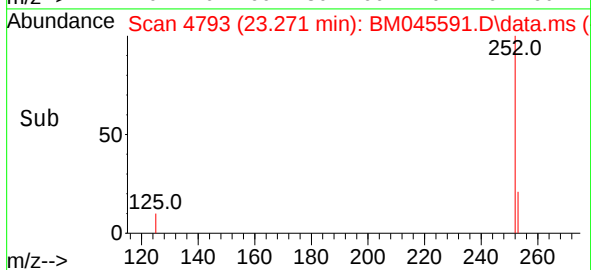
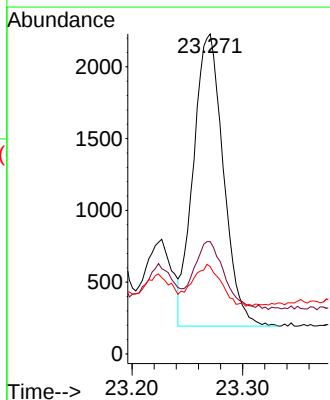
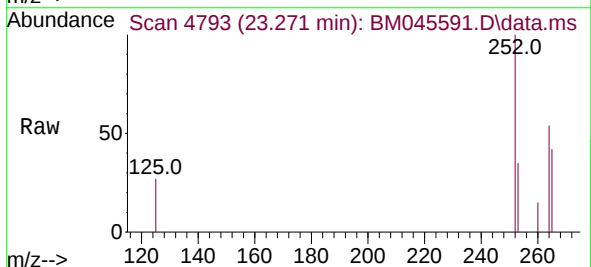
Manual Integrations
APPROVED

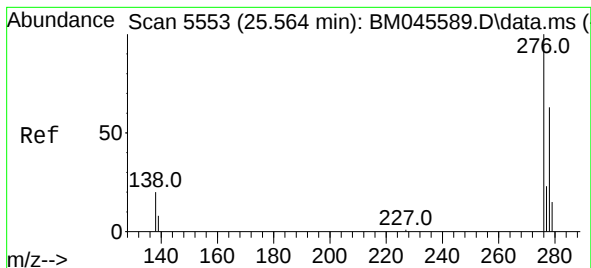
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#26
Benzo(a)pyrene
Concen: 0.427 ng/ul
RT: 23.271 min Scan# 4793
Delta R.T. -0.021 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11

Tgt Ion:252 Resp: 3831
Ion Ratio Lower Upper
252 100
253 35.1 31.6 47.4
125 27.3 19.5 29.3





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.286 ng/ul

RT: 25.551 min Scan# 5549

Delta R.T. -0.020 min

Lab File: BM045591.D

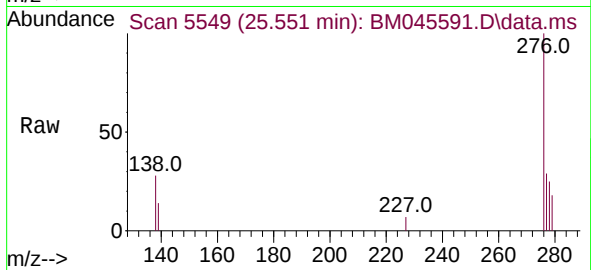
Acq: 26 Apr 2024 17:11

Instrument :

BNA_M

ClientSampleId :

E1CX1



Tgt Ion:276 Resp: 3734

Ion Ratio Lower Upper

276 100

138 20.6 19.8 29.6

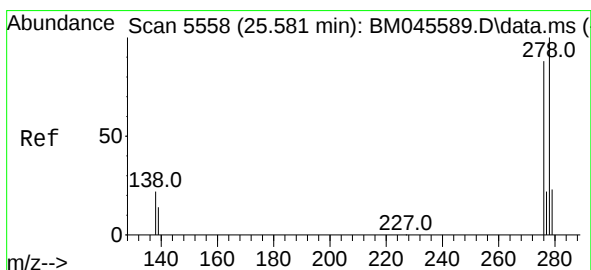
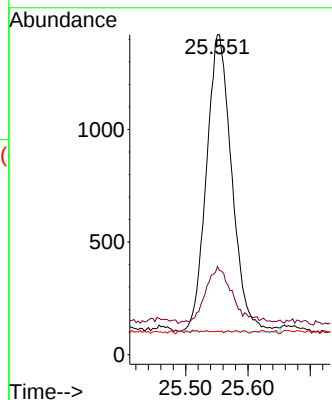
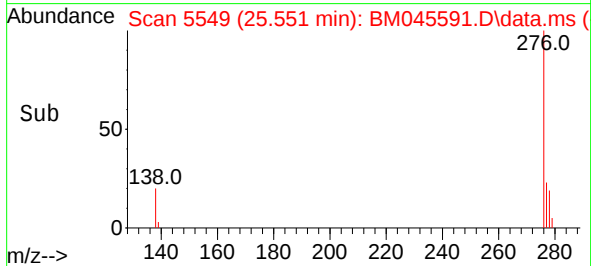
227 0.1 0.2 0.2

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.102 ng/ul

RT: 25.561 min Scan# 5552

Delta R.T. -0.027 min

Lab File: BM045591.D

Acq: 26 Apr 2024 17:11

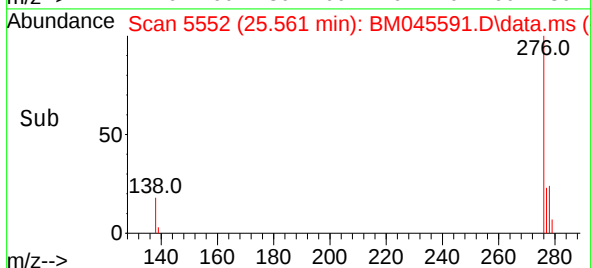
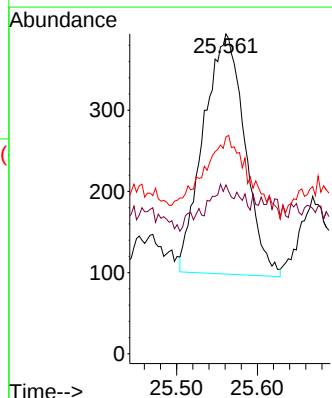
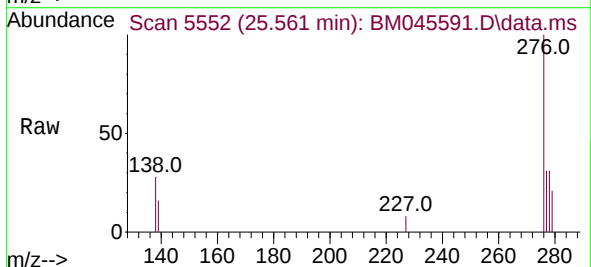
Tgt Ion:278 Resp: 1051

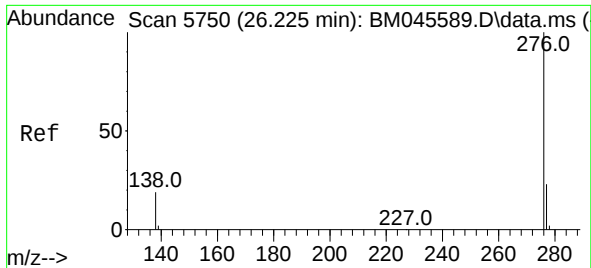
Ion Ratio Lower Upper

278 100

139 52.8 19.0 28.6#

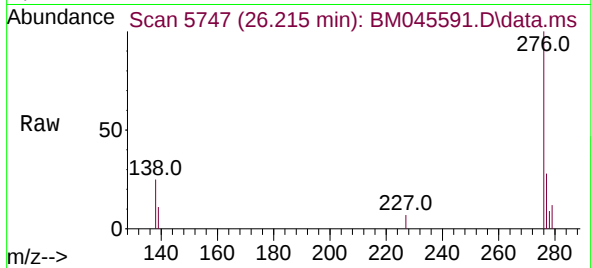
279 67.8 29.4 44.2#





#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 26.215 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM045591.D
Acq: 26 Apr 2024 17:11

Instrument :
BNA_M
ClientSampleId :
E1CX1



Tgt Ion:276 Resp: 436
Ion Ratio Lower Upper
276 100
138 25.4 20.8 31.2
277 28.5 21.8 32.8

Manual Integrations
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Supervised By :mohammad ahmed 04/27/2024

