

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045549.D
 Acq On : 25 Apr 2024 04:42
 Operator : MA/JU
 Sample : P2104-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 05:20:06 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	7.551	152	925	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	2454	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1644	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188	3301m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.184	240	2569	0.400	ng/ul	# 0.00
23) Perylene-d12	23.373	264	3773	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	4385	3.537	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	818	0.253	ng/ul	-0.01
18) Fluoranthene-d10	19.010	212	1992	0.246	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.364	128	2643	0.401	ng/ul	93
7) 2-Methylnaphthalene	11.991	142	1443	0.383	ng/ul	98
8) 1-Methylnaphthalene	12.217	142	810	0.192	ng/ul	93
10) Acenaphthylene	13.918	152	2089	0.258	ng/ul#	59
12) Fluorene	15.260	166	461	0.072	ng/ul#	12
15) Phenanthrene	17.005	178	4631m	0.482	ng/ul	
16) Anthracene	17.098	178	1666m	0.185	ng/ul	
19) Fluoranthene	19.038	202	8222	0.694	ng/ul	98
20) Pyrene	19.405	202	8771	0.720	ng/ul	98
21) Benzo(a)anthracene	21.169	228	4607	0.561	ng/ul#	82
22) Chrysene	21.219	228	7475m	0.592	ng/ul	
24) Benzo(b)fluoranthene	22.721	252	12943m	1.020	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	3802m	0.237	ng/ul	
26) Benzo(a)pyrene	23.274	252	6597	0.501	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.558	276	7820	0.409	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.561	278	2267	0.149	ng/ul#	42
29) Benzo(g,h,i)perylene	26.222	276	7166	0.417	ng/ul#	91

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

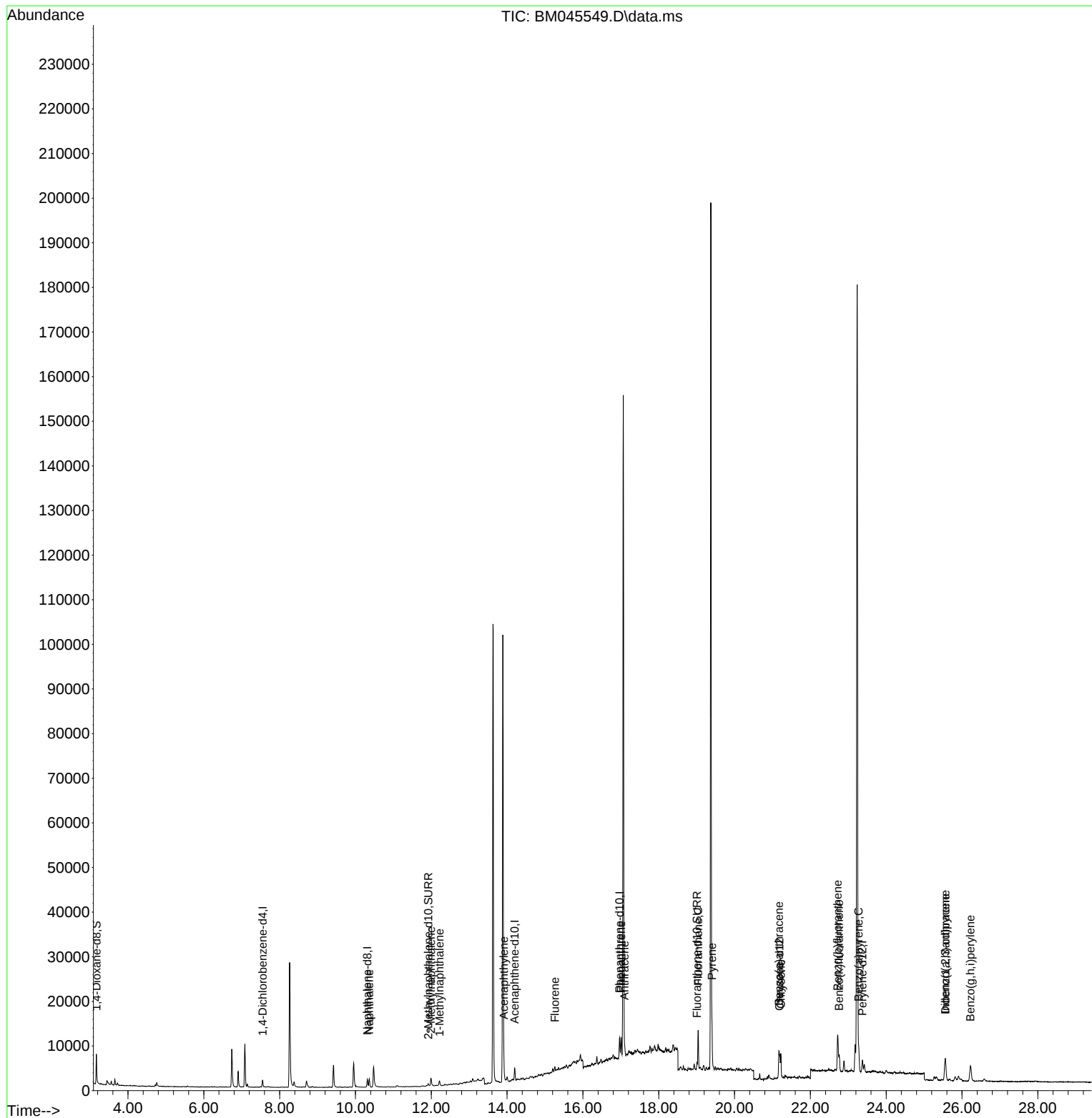
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045549.D
Acq On : 25 Apr 2024 04:42
Operator : MA/JU
Sample : P2104-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

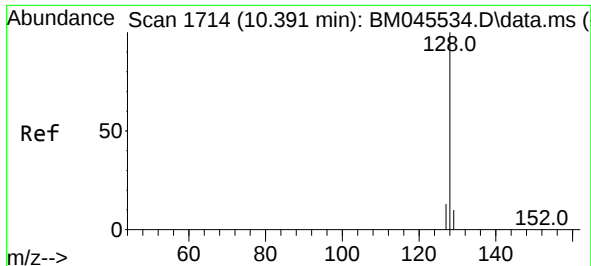
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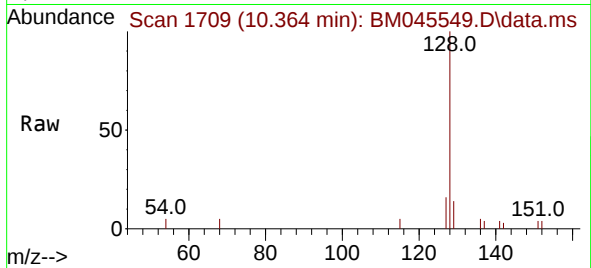
Quant Time: Apr 25 05:20:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.364 min Scan# 11
Delta R.T. -0.016 min
Lab File: BM045549.D
Acq: 25 Apr 2024 04:42

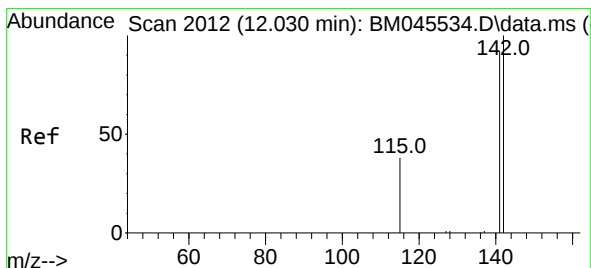
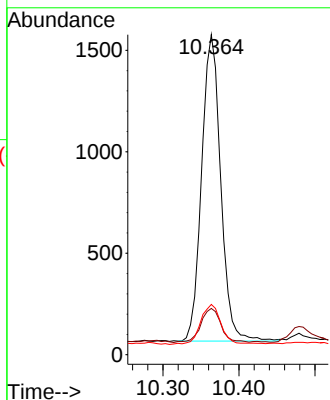
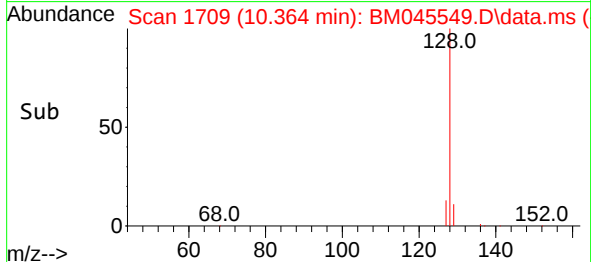
Instrument :
BNA_M
ClientSampleId :
C0AC8



Tgt Ion:128 Resp: 264
Ion Ratio Lower Upper
128 100
129 14.5 14.0 21.0
127 15.7 15.4 23.2

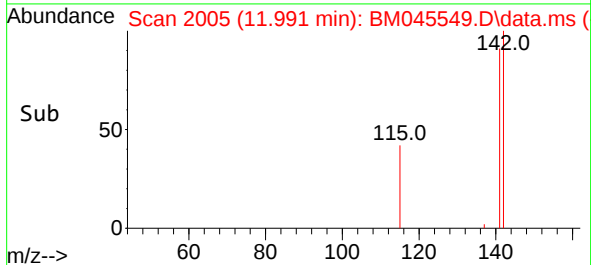
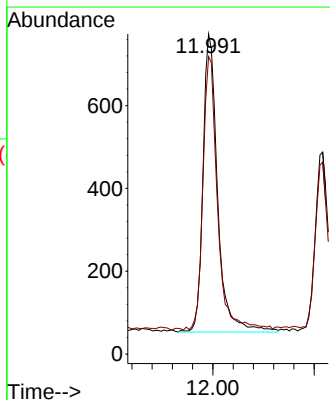
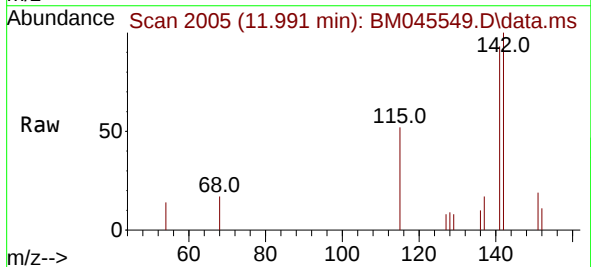
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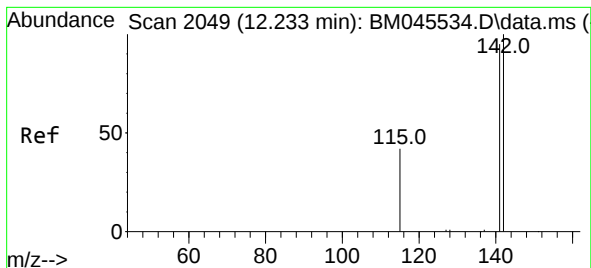
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 11.991 min Scan# 2005
Delta R.T. -0.016 min
Lab File: BM045549.D
Acq: 25 Apr 2024 04:42

Tgt Ion:142 Resp: 1443
Ion Ratio Lower Upper
142 100
141 91.0 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.192 ng/ul

RT: 12.217 min Scan# 2046

Delta R.T. -0.005 min

Lab File: BM045549.D

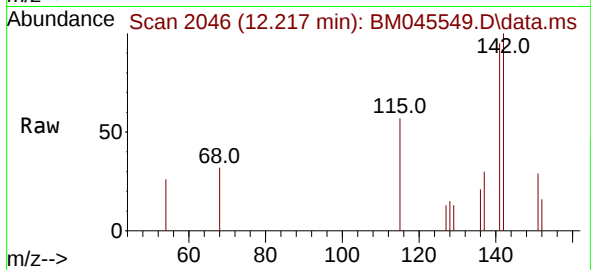
Acq: 25 Apr 2024 04:42

Instrument :

BNA_M

ClientSampleId :

C0AC8



Tgt Ion:142 Resp: 810

Ion Ratio Lower Upper

142 100

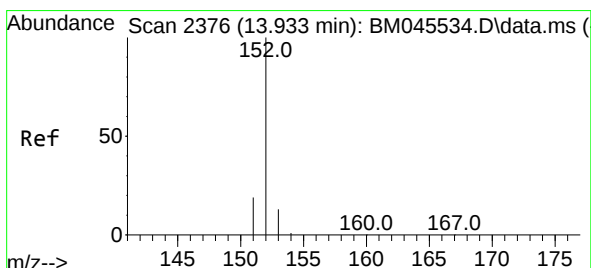
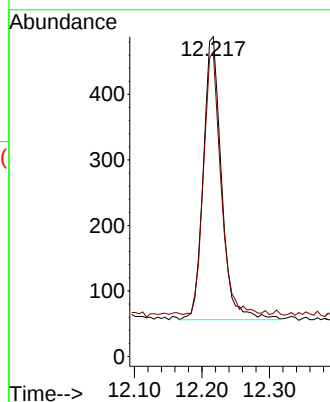
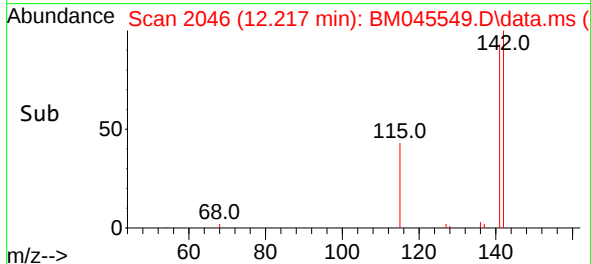
141 88.8 76.1 114.1

Manual Integrations

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#10

Acenaphthylene

Concen: 0.258 ng/ul

RT: 13.918 min Scan# 2373

Delta R.T. -0.009 min

Lab File: BM045549.D

Acq: 25 Apr 2024 04:42

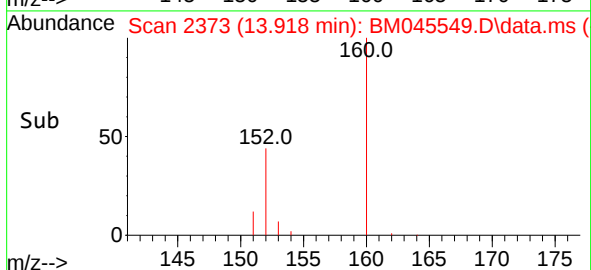
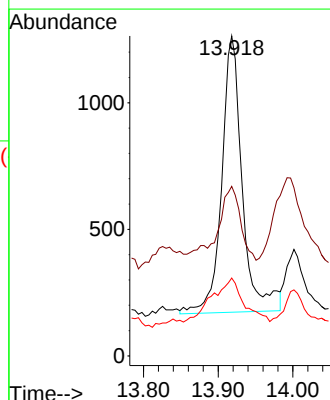
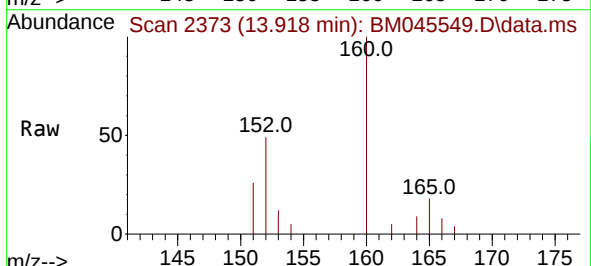
Tgt Ion:152 Resp: 2089

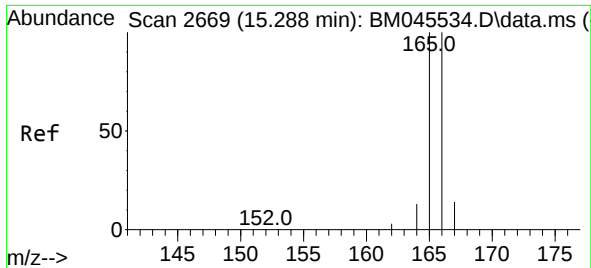
Ion Ratio Lower Upper

152 100

151 53.0 18.6 28.0#

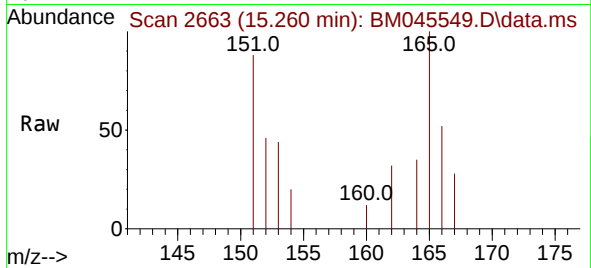
153 24.4 14.1 21.1#





#12
Fluorene
Concen: 0.072 ng/ul
RT: 15.260 min Scan# 2663
Delta R.T. -0.018 min
Lab File: BM045549.D
Acq: 25 Apr 2024 04:42

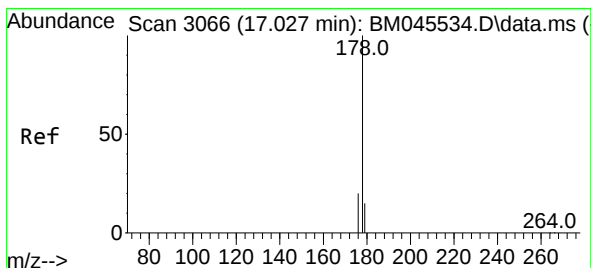
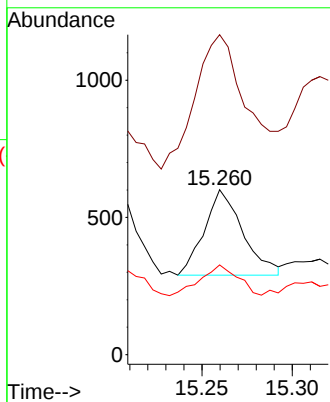
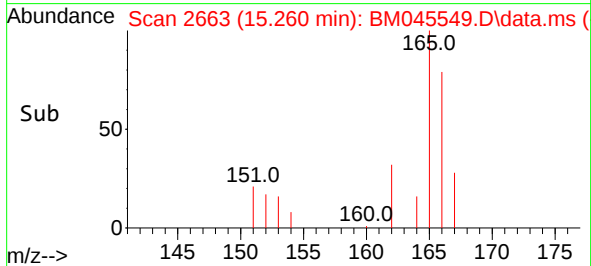
Instrument :
BNA_M
ClientSampleId :
C0AC8



Tgt Ion:166 Resp: 463
Ion Ratio Lower Upper
166 100
165 194.0 82.2 123.2
167 54.4 14.8 22.2

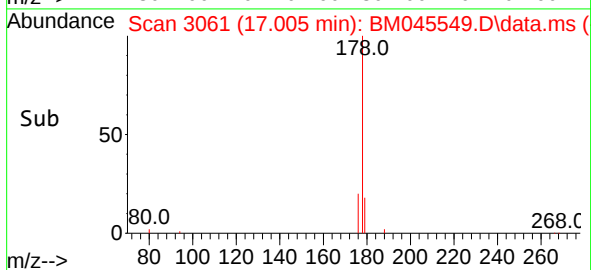
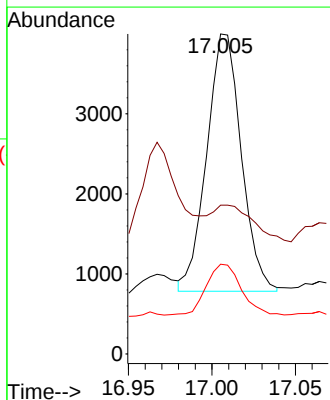
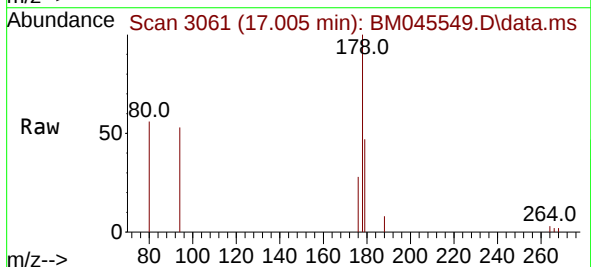
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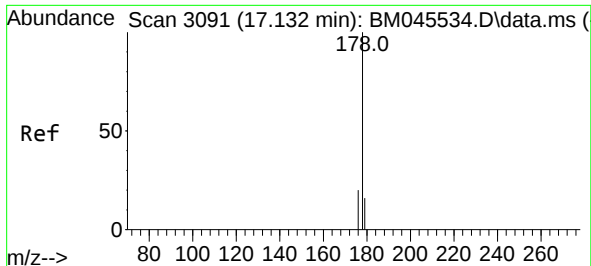
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#15
Phenanthrene
Concen: 0.482 ng/ul m
RT: 17.005 min Scan# 3061
Delta R.T. -0.017 min
Lab File: BM045549.D
Acq: 25 Apr 2024 04:42

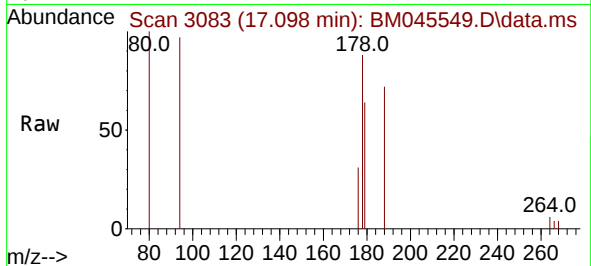
Tgt Ion:178 Resp: 4631
Ion Ratio Lower Upper
178 100
179 46.5 15.4 23.2
176 28.1 19.0 28.4





#16
 Anthracene
 Concen: 0.185 ng/ul m
 RT: 17.098 min Scan# 3091
 Delta R.T. -0.021 min
 Lab File: BM045549.D
 Acq: 25 Apr 2024 04:42

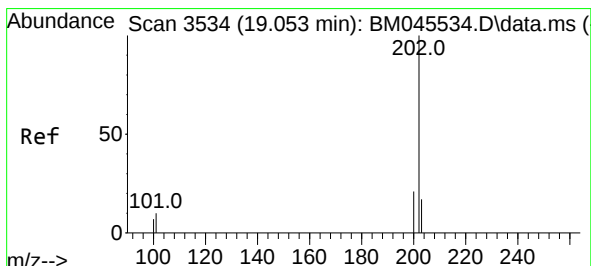
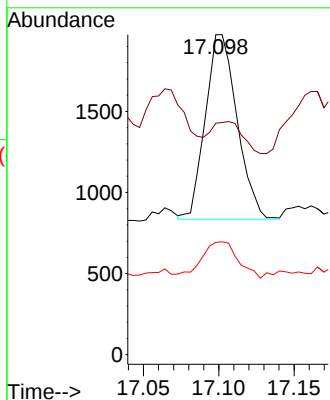
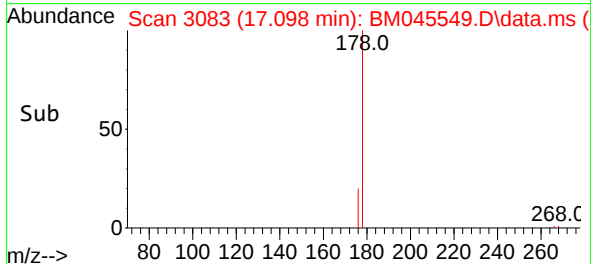
Instrument :
 BNA_M
 ClientSampleId :
 C0AC8



Tgt Ion:178 Resp: 1660
 Ion Ratio Lower Upper
 178 100
 179 72.4 17.8 26.6
 176 35.1 18.7 28.1

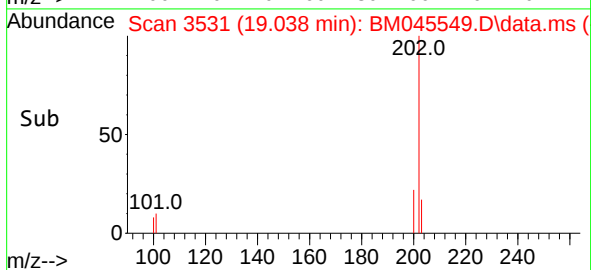
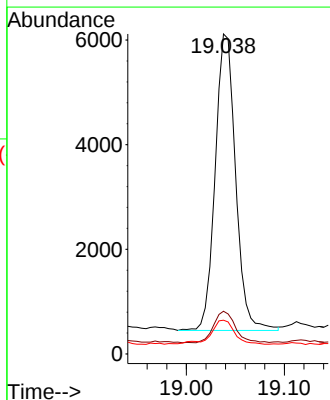
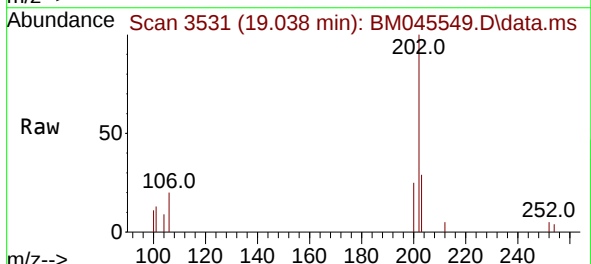
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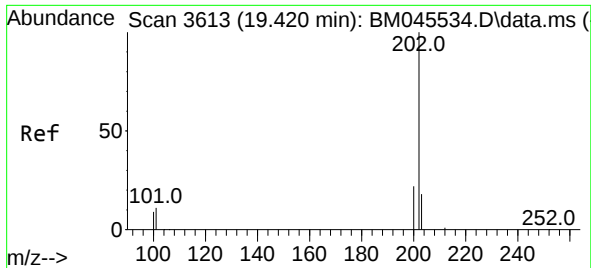
Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024



#19
 Fluoranthene
 Concen: 0.694 ng/ul
 RT: 19.038 min Scan# 3531
 Delta R.T. -0.010 min
 Lab File: BM045549.D
 Acq: 25 Apr 2024 04:42

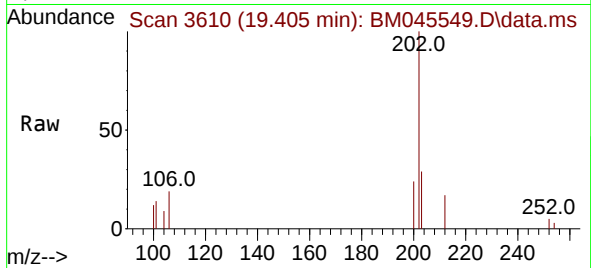
Tgt Ion:202 Resp: 8222
 Ion Ratio Lower Upper
 202 100
 101 13.4 11.2 16.8
 100 10.6 9.1 13.7





#20
Pyrene
Concen: 0.720 ng/ul
RT: 19.405 min Scan# 3074
Delta R.T. -0.010 min
Lab File: BM045549.D
Acq: 25 Apr 2024 04:42

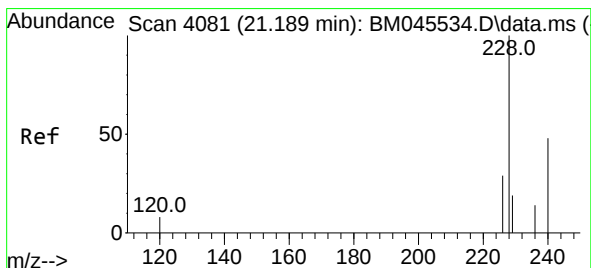
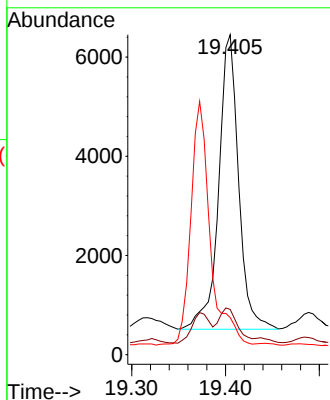
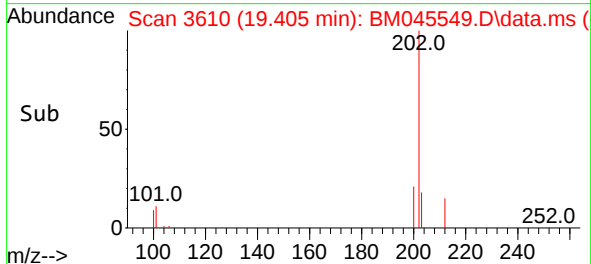
Instrument :
BNA_M
ClientSampleId :
C0AC8



Tgt Ion:202 Resp: 877
Ion Ratio Lower Upper
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101 14.2 11.5 17.3
100 11.6 10.6 15.8

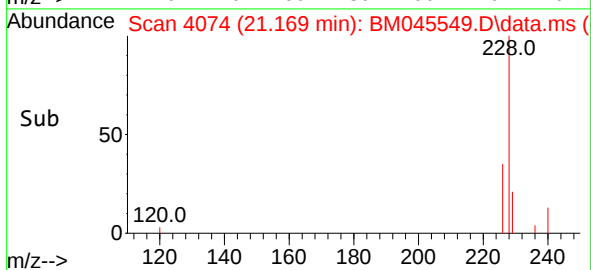
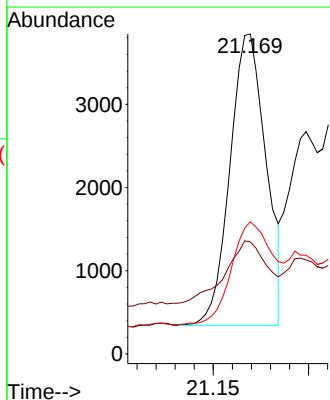
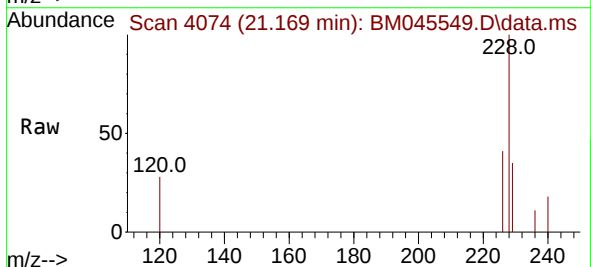
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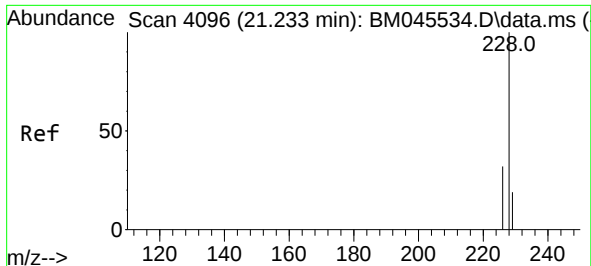
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#21
Benzo(a)anthracene
Concen: 0.561 ng/ul
RT: 21.169 min Scan# 4074
Delta R.T. -0.012 min
Lab File: BM045549.D
Acq: 25 Apr 2024 04:42

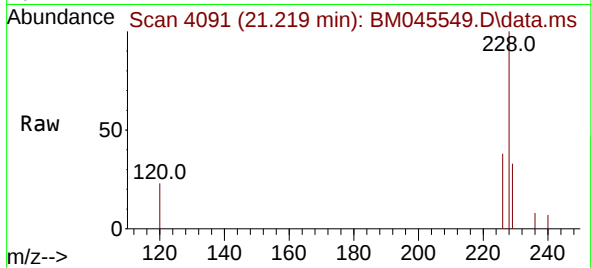
Tgt Ion:228 Resp: 4607
Ion Ratio Lower Upper
228 100
229 35.0 19.4 29.2#
226 41.3 26.3 39.5#





#22
Chrysene
Concen: 0.592 ng/ul m
RT: 21.219 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BM045549.D
Acq: 25 Apr 2024 04:42

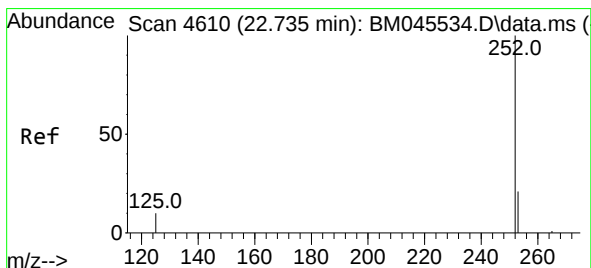
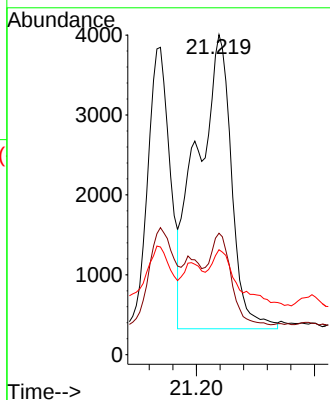
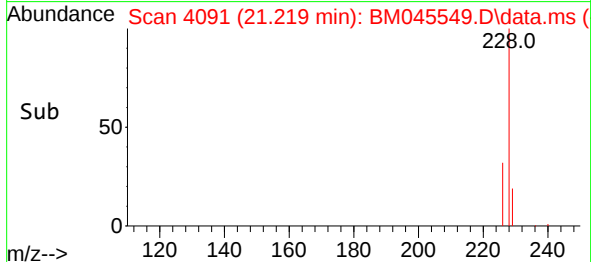
Instrument :
BNA_M
ClientSampleId :
C0AC8



Tgt Ion:228 Resp: 7475
Ion Ratio Lower Upper
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226 38.0 26.3 39.5
229 32.8 17.8 26.8

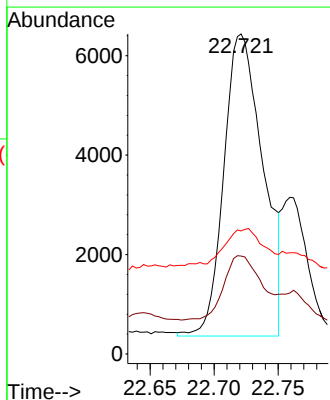
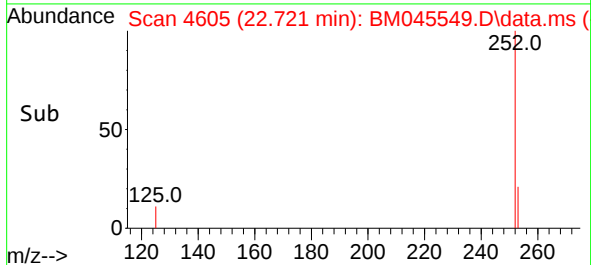
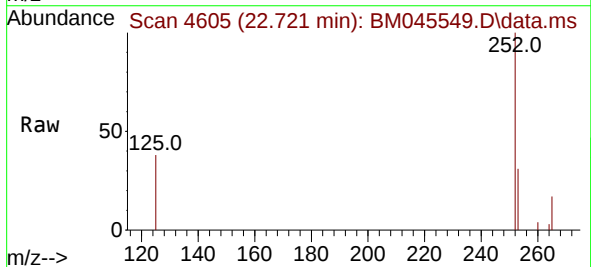
Manual Integrations
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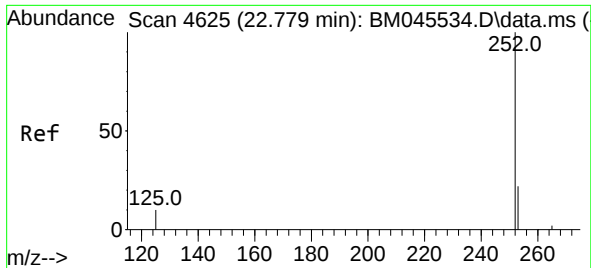
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#24
Benzo(b)fluoranthene
Concen: 1.020 ng/ul m
RT: 22.721 min Scan# 4605
Delta R.T. -0.009 min
Lab File: BM045549.D
Acq: 25 Apr 2024 04:42

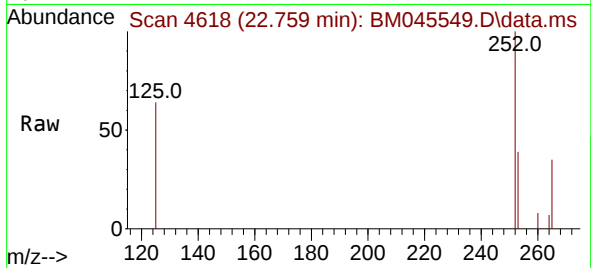
Tgt Ion:252 Resp: 12943
Ion Ratio Lower Upper
252 100
253 30.6 0.0 63.4
125 38.5 0.0 36.8





#25
Benzo(k)fluoranthene
Concen: 0.237 ng/ul m
RT: 22.759 min Scan# 4618
Delta R.T. -0.012 min
Lab File: BM045549.D
Acq: 25 Apr 2024 04:42

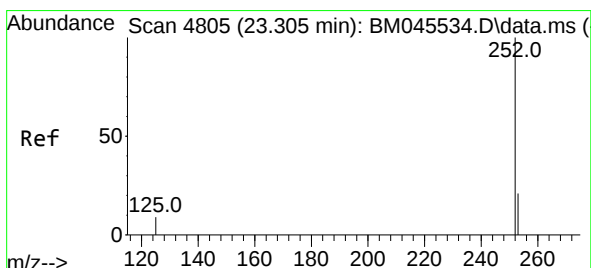
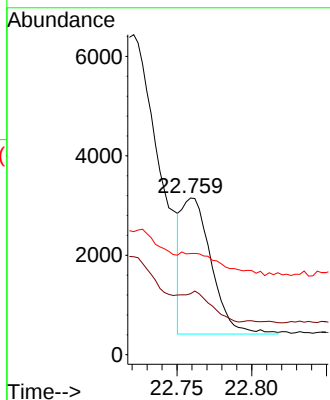
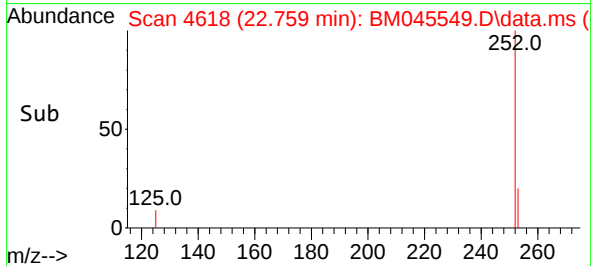
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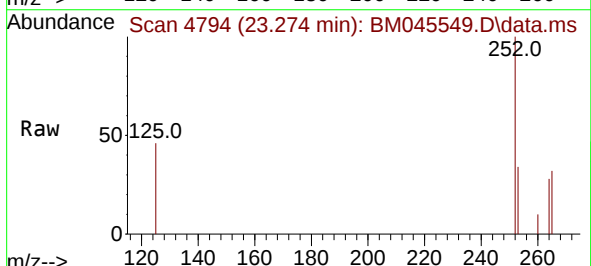
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Ion Ratio Lower Upper
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253 38.9 25.4 38.0
125 64.5 14.8 22.2

Manual Integrations
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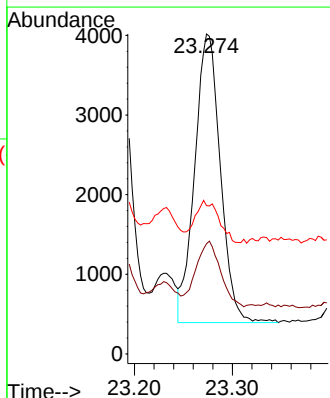
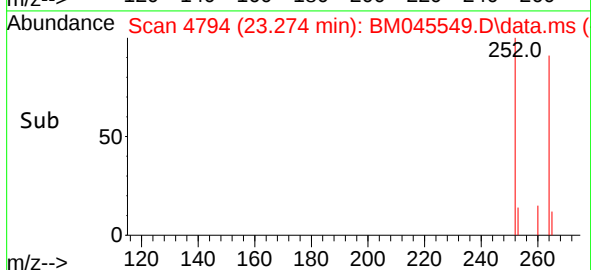
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

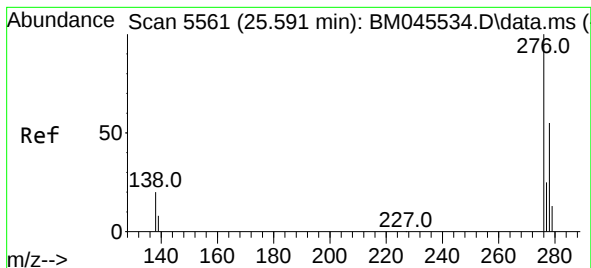


#26
Benzo(a)pyrene
Concen: 0.501 ng/ul
RT: 23.274 min Scan# 4794
Delta R.T. -0.018 min
Lab File: BM045549.D
Acq: 25 Apr 2024 04:42



Tgt Ion:252 Resp: 6597
Ion Ratio Lower Upper
252 100
253 34.4 31.6 47.4
125 46.4 19.5 29.3





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.409 ng/ul

RT: 25.558 min Scan# 5551

Delta R.T. -0.014 min

Lab File: BM045549.D

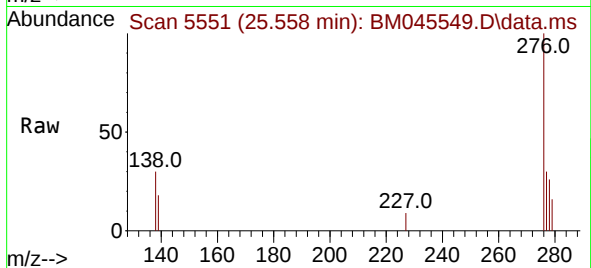
Acq: 25 Apr 2024 04:42

Instrument :

BNA_M

ClientSampleId :

C0AC8



Tgt Ion:276 Resp: 7820

Ion Ratio Lower Upper

276 100

138 21.0 19.8 29.6

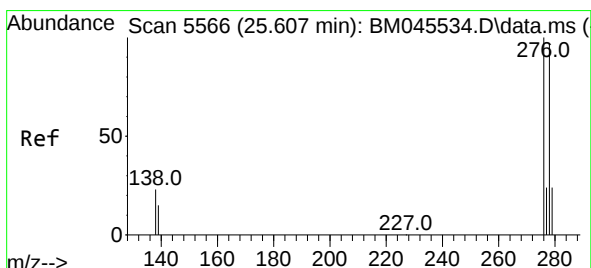
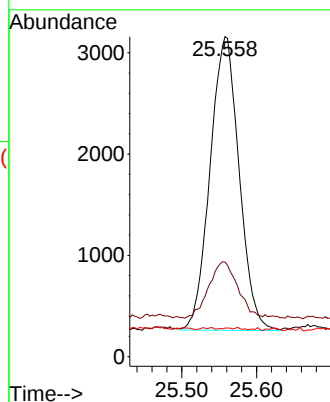
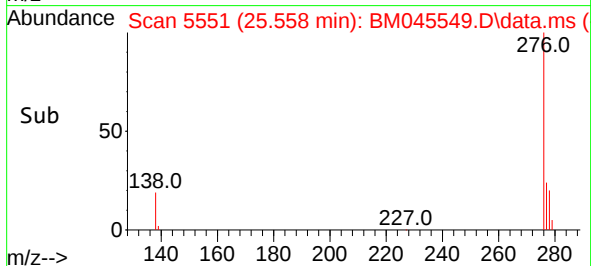
227 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/25/2024

Supervised By :mohammad ahmed 04/27/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.149 ng/ul

RT: 25.561 min Scan# 5552

Delta R.T. -0.027 min

Lab File: BM045549.D

Acq: 25 Apr 2024 04:42

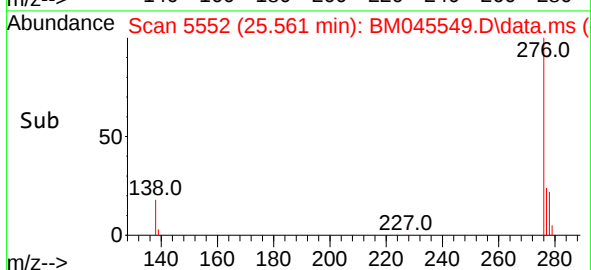
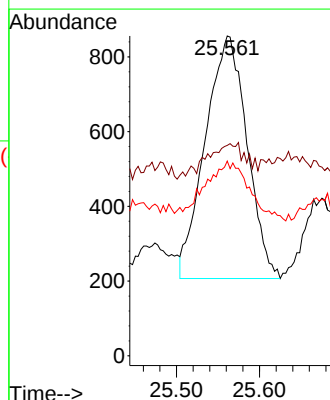
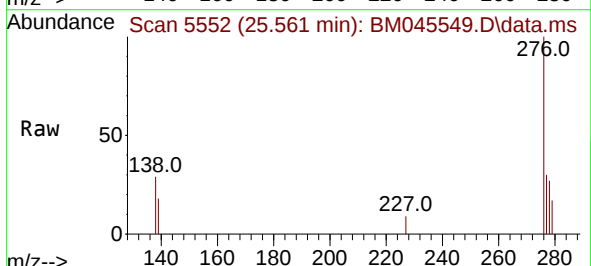
Tgt Ion:278 Resp: 2267

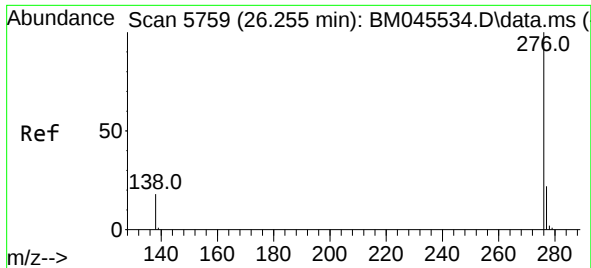
Ion Ratio Lower Upper

278 100

139 65.8 19.0 28.6#

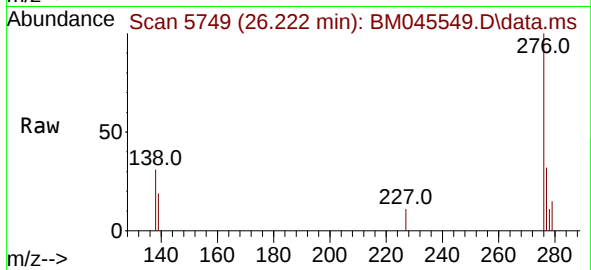
279 60.9 29.4 44.2#





#29
Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 26.222 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM045549.D
Acq: 25 Apr 2024 04:42

Instrument :
BNA_M
ClientSampleId :
C0AC8



Tgt Ion:276 Resp: 7160
Ion Ratio Lower Upper
276 100
138 31.3 20.8 31.2
277 31.5 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

