

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045573.D
 Acq On : 25 Apr 2024 21:33
 Operator : MA/JU
 Sample : P2037-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 23:11:53 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	712	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	2005	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1086	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2366m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.176	240	2127	0.400	ng/ul	#-0.02
23) Perylene-d12	23.362	264	2839m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	3735	3.914	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	698	0.264	ng/ul	-0.01
18) Fluoranthene-d10	19.001	212	1550	0.231	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.358	128	3103	0.576	ng/ul#	91
7) 2-Methylnaphthalene	11.991	142	852	0.277	ng/ul	96
8) 1-Methylnaphthalene	12.217	142	443	0.128	ng/ul	99
10) Acenaphthylene	13.914	152	712	0.133	ng/ul#	80
11) Acenaphthene	14.260	153	181	0.046	ng/ul#	89
12) Fluorene	15.255	166	318	0.075	ng/ul#	86
15) Phenanthrene	17.001	178	8593	1.247	ng/ul	94
16) Anthracene	17.094	178	1782	0.276	ng/ul	98
19) Fluoranthene	19.029	202	19247	1.961	ng/ul#	91
20) Pyrene	19.396	202	16914	1.676	ng/ul#	92
21) Benzo(a)anthracene	21.161	228	11233	1.652	ng/ul	96
22) Chrysene	21.214	228	14343	1.372	ng/ul	100
24) Benzo(b)fluoranthene	22.713	252	26311	2.755	ng/ul	91
25) Benzo(k)fluoranthene	22.751	252	8132m	0.674	ng/ul	
26) Benzo(a)pyrene	23.265	252	12720	1.284	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.541	276	15651	1.087	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.551	278	4148	0.363	ng/ul#	91
29) Benzo(g,h,i)perylene	26.212	276	13590	1.051	ng/ul	95

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

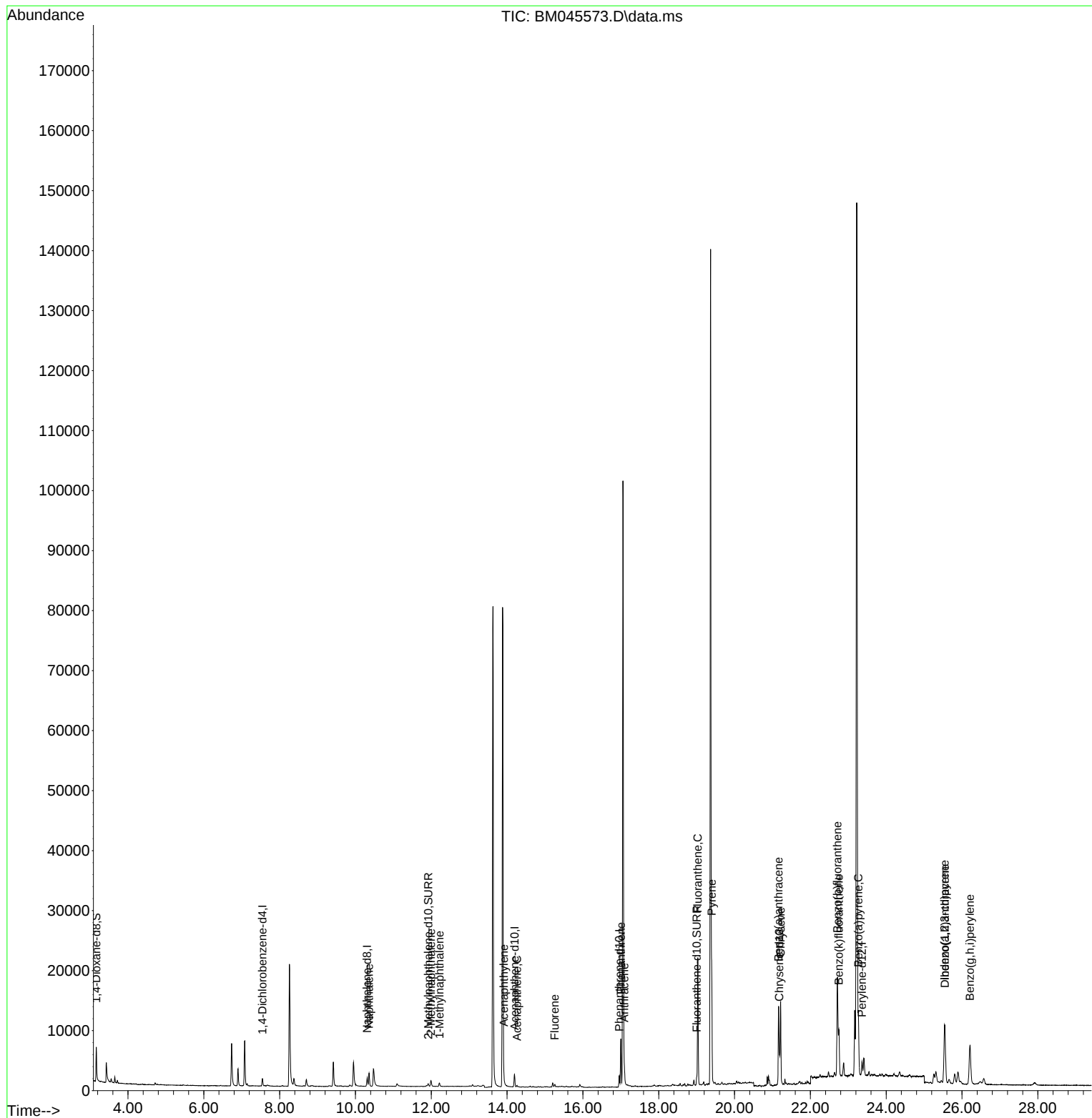
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045573.D
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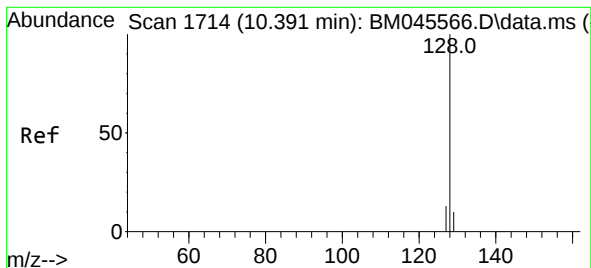
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#5

Naphthalene

Concen: 0.576 ng/ul

RT: 10.358 min Scan# 1

Delta R.T. -0.022 min

Lab File: BM045573.D

Acq: 25 Apr 2024 21:33

Instrument :

BNA_M

ClientSampleId :

E1CX7

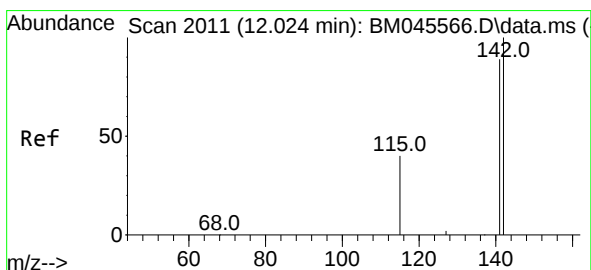
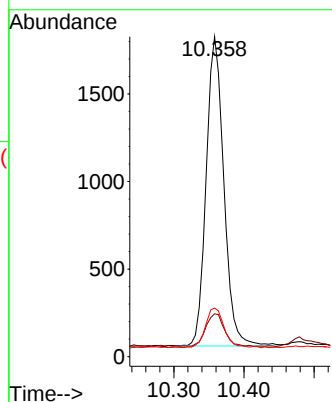
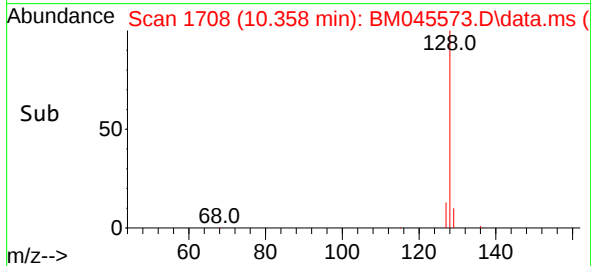
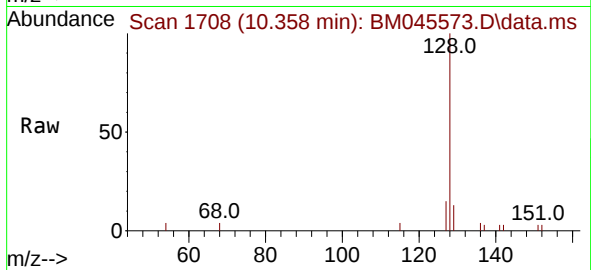
Tgt Ion:	128	Resp:	310
Ion Ratio	Lower	Upper	
128	100		
129	13.4	14.0	21.0
127	15.2	15.4	23.2

Manual Integrations

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Supervised By :mohammad ahmed 04/27/2024



#7

2-Methylnaphthalene

Concen: 0.277 ng/ul

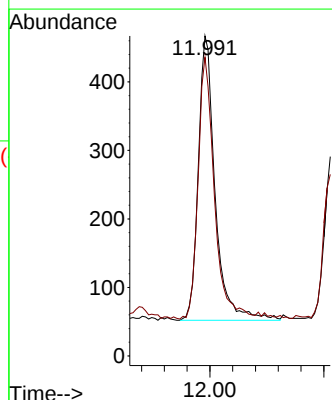
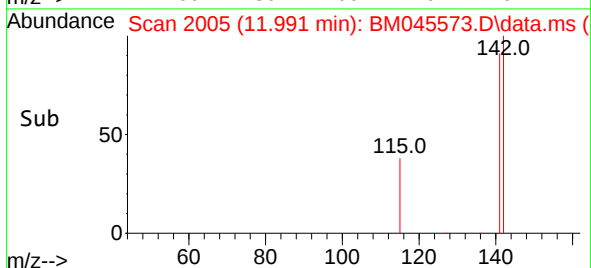
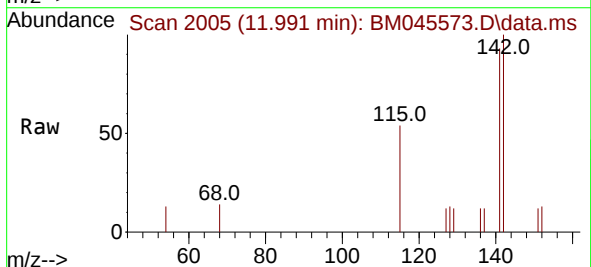
RT: 11.991 min Scan# 2005

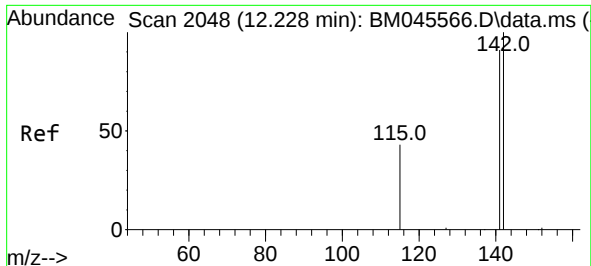
Delta R.T. -0.016 min

Lab File: BM045573.D

Acq: 25 Apr 2024 21:33

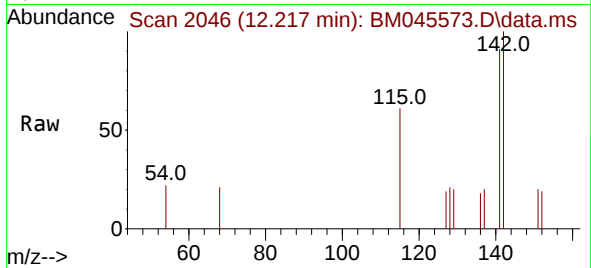
Tgt Ion:	142	Resp:	852
Ion Ratio	Lower	Upper	
142	100		
141	89.1	74.6	111.8





#8
1-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.217 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33

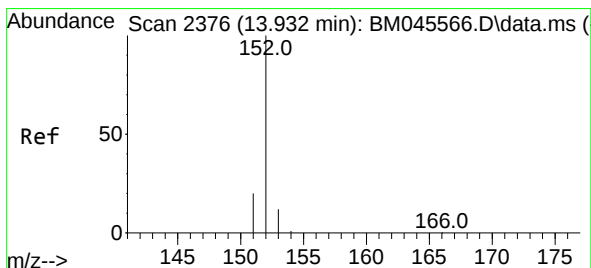
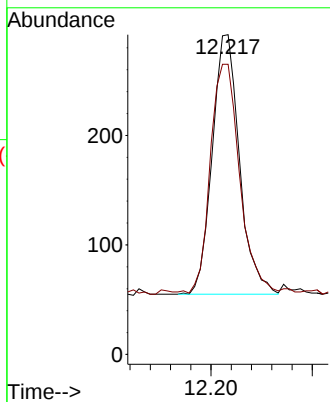
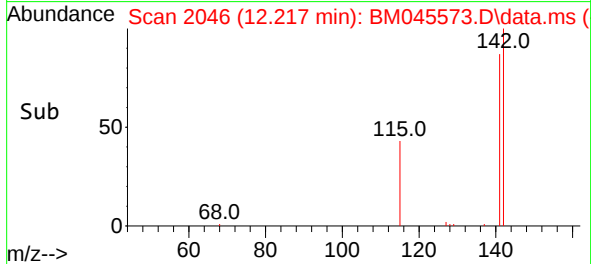
Instrument :
BNA_M
ClientSampleId :
E1CX7



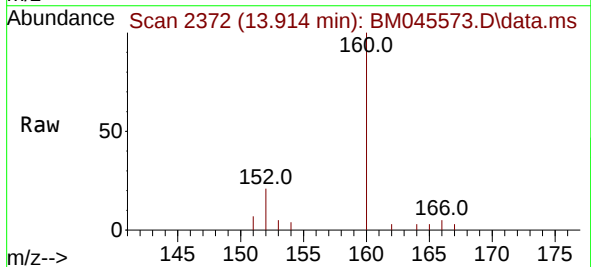
Tgt Ion:142 Resp: 44
Ion Ratio Lower Upper
142 100
141 93.7 76.1 114.1

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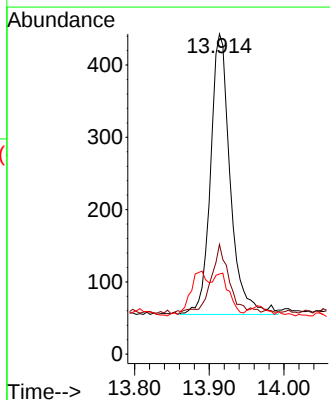
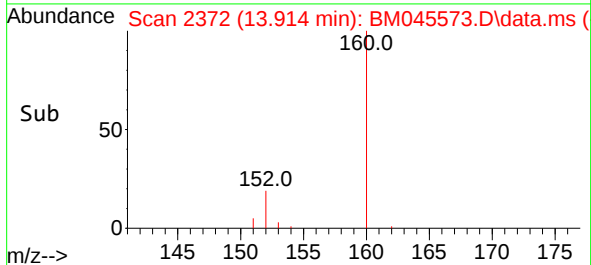
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

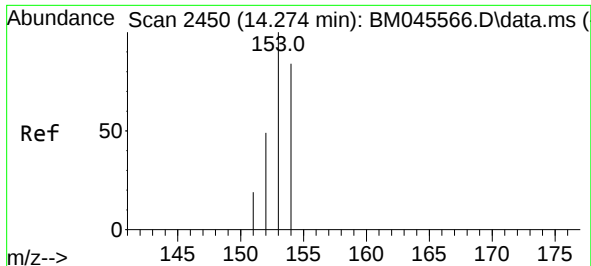


#10
Acenaphthylene
Concen: 0.133 ng/ul
RT: 13.914 min Scan# 2372
Delta R.T. -0.014 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33



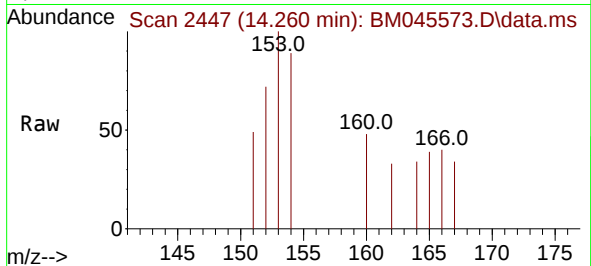
Tgt Ion:152 Resp: 712
Ion Ratio Lower Upper
152 100
151 34.3 18.6 28.0#
153 25.1 14.1 21.1#





#11
Acenaphthene
Concen: 0.046 ng/u1
RT: 14.260 min Scan# 2450
Delta R.T. -0.009 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33

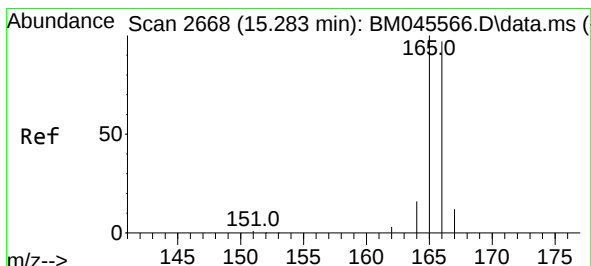
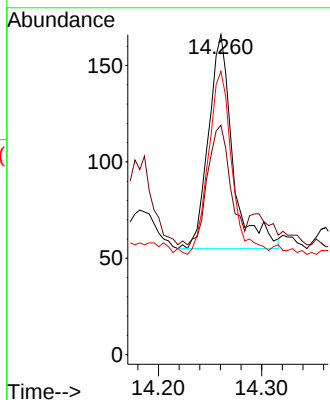
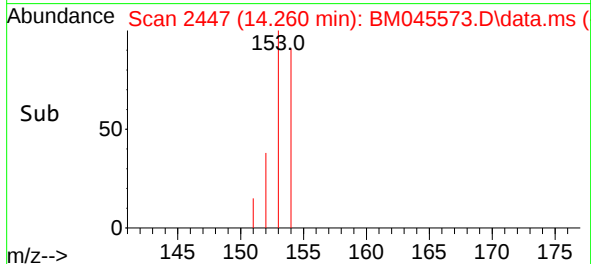
Instrument :
BNA_M
ClientSampleId :
E1CX7



Tgt Ion:153 Resp: 183
Ion Ratio Lower Upper
153 100
152 71.7 43.4 65.2
154 88.6 69.0 103.6

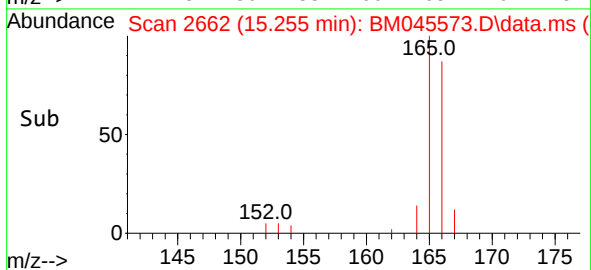
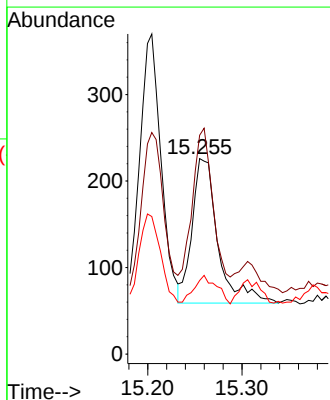
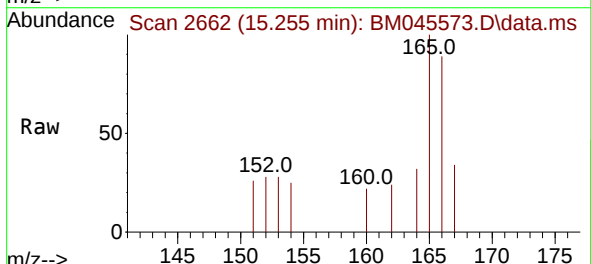
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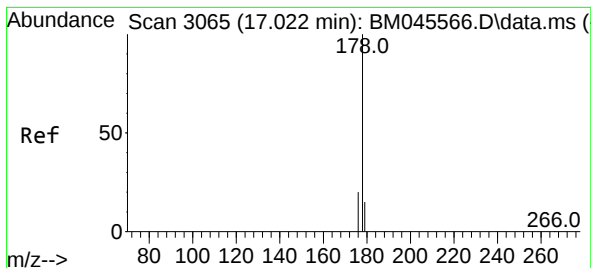
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 0.075 ng/u1
RT: 15.255 min Scan# 2662
Delta R.T. -0.023 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33

Tgt Ion:166 Resp: 318
Ion Ratio Lower Upper
166 100
165 111.9 82.2 123.2
167 37.6 14.8 22.2#





#15

Phenanthrene

Concen: 1.247 ng/ul

RT: 17.001 min Scan# 3060

Delta R.T. -0.021 min

Lab File: BM045573.D

Acq: 25 Apr 2024 21:33

Instrument :

BNA_M

ClientSampleId :

E1CX7

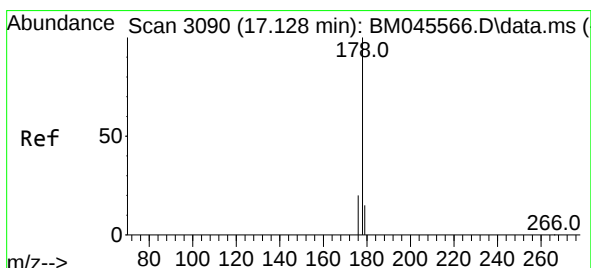
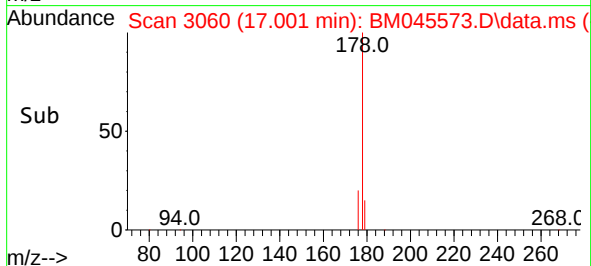
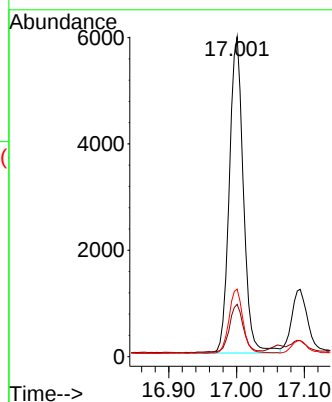
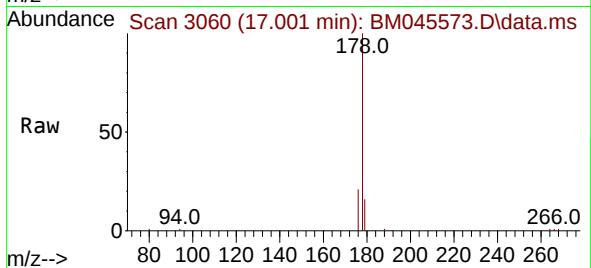
Tgt Ion:178	Resp:	859
Ion Ratio	Lower	Upper
178	100	
179	16.3	15.4 23.2
176	21.1	19.0 28.4

Manual Integrations

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Supervised By :mohammad ahmed 04/27/2024



#16

Anthracene

Concen: 0.276 ng/ul

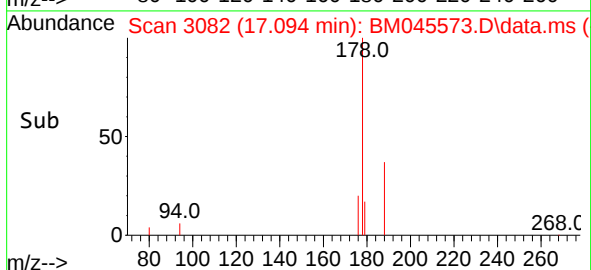
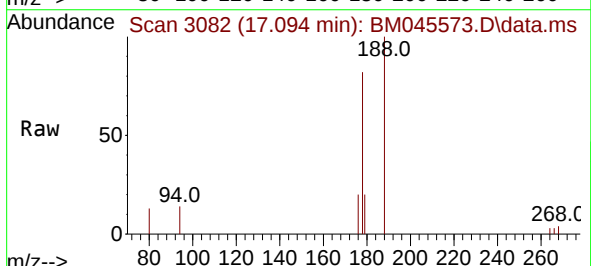
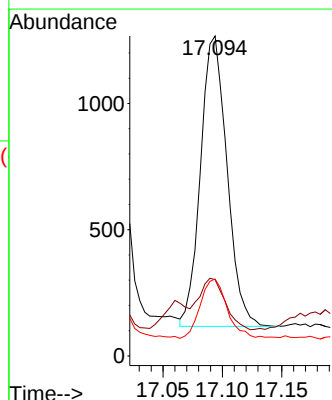
RT: 17.094 min Scan# 3082

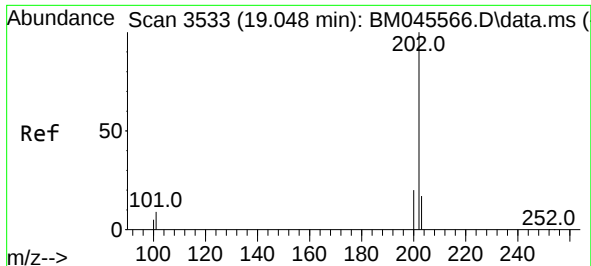
Delta R.T. -0.025 min

Lab File: BM045573.D

Acq: 25 Apr 2024 21:33

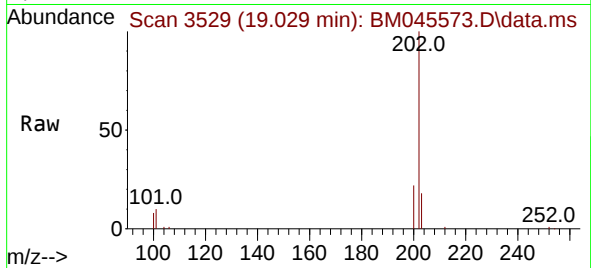
Tgt Ion:178	Resp:	1782
Ion Ratio	Lower	Upper
178	100	
179	23.8	17.8 26.6
176	24.1	18.7 28.1





#19
Fluoranthene
Concen: 1.961 ng/ul
RT: 19.029 min Scan# 3529
Delta R.T. -0.018 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33

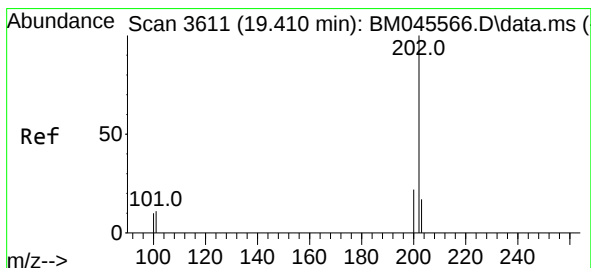
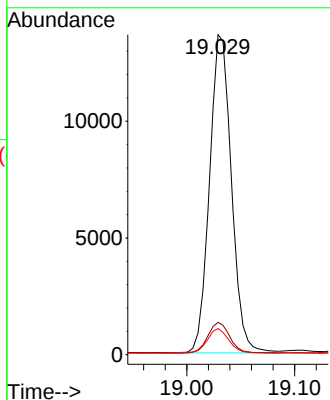
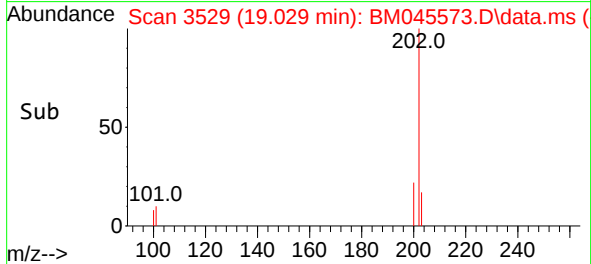
Instrument :
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E1CX7



Tgt Ion:202 Resp: 19245
Ion Ratio Lower Upper
202 100
101 10.1 11.2 16.8#
100 8.2 9.1 13.7#

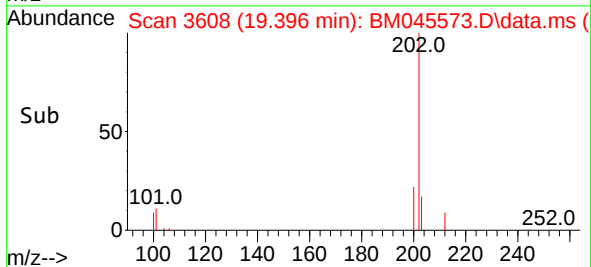
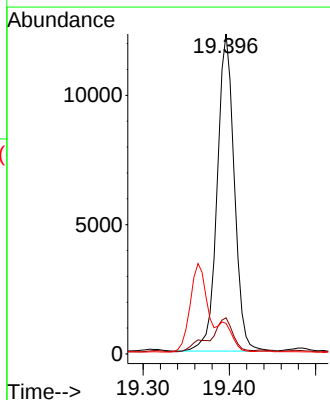
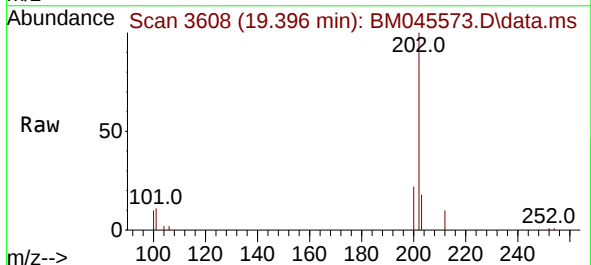
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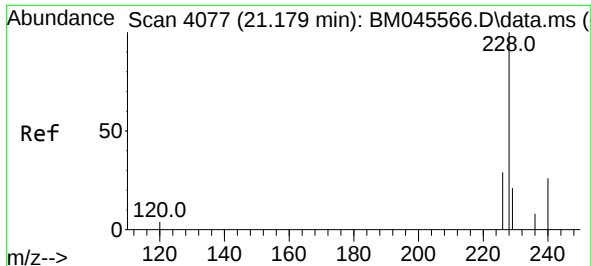
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 1.676 ng/ul
RT: 19.396 min Scan# 3608
Delta R.T. -0.018 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33

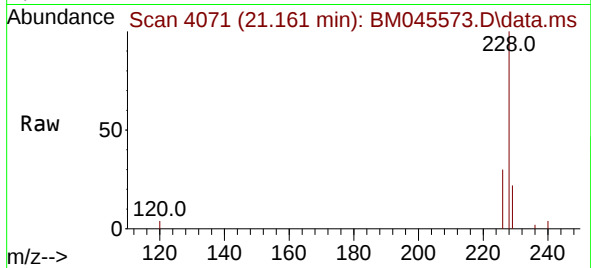
Tgt Ion:202 Resp: 16914
Ion Ratio Lower Upper
202 100
101 11.3 11.5 17.3#
100 9.5 10.6 15.8#





#21
Benzo(a)anthracene
Concen: 1.652 ng/ul
RT: 21.161 min Scan# 4071
Delta R.T. -0.020 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33

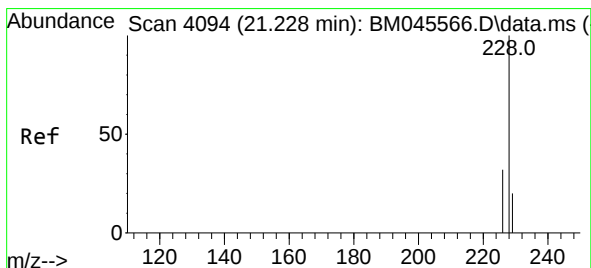
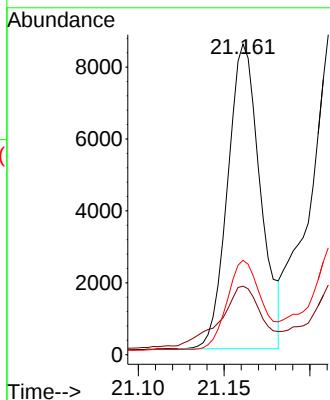
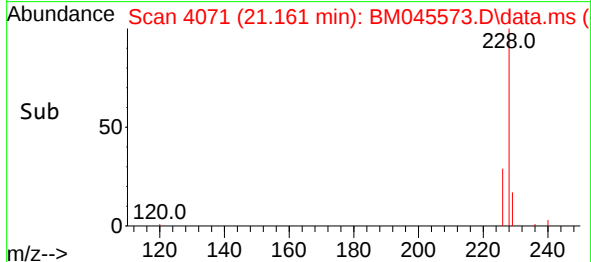
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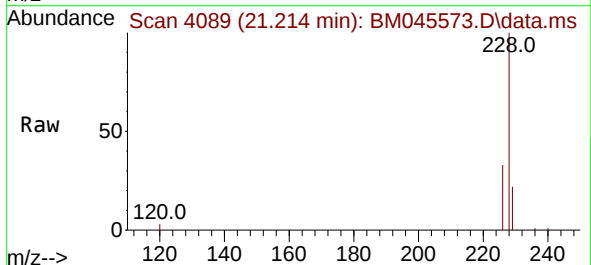
Tgt Ion:228 Resp: 1123
Ion Ratio Lower Upper
228 100
229 22.1 19.4 29.2
226 30.4 26.3 39.5

Manual Integrations
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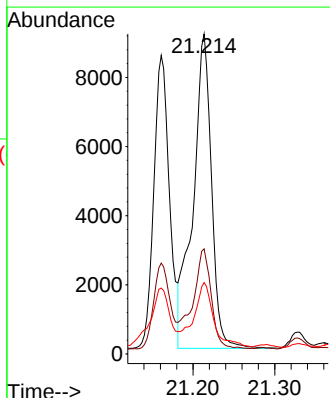
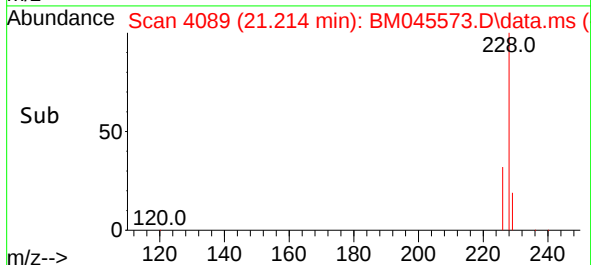
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

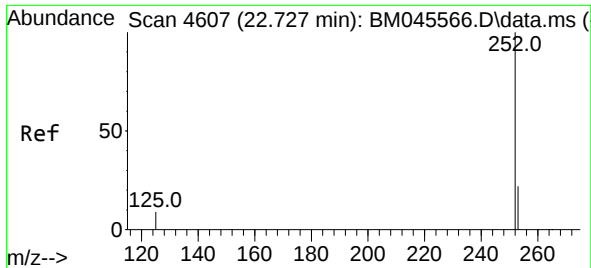


#22
Chrysene
Concen: 1.372 ng/ul
RT: 21.214 min Scan# 4089
Delta R.T. -0.014 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33



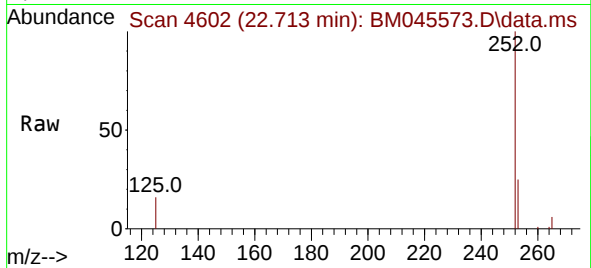
Tgt Ion:228 Resp: 14343
Ion Ratio Lower Upper
228 100
226 32.9 26.3 39.5
229 22.3 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 2.755 ng/ul
RT: 22.713 min Scan# 4602
Delta R.T. -0.017 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33

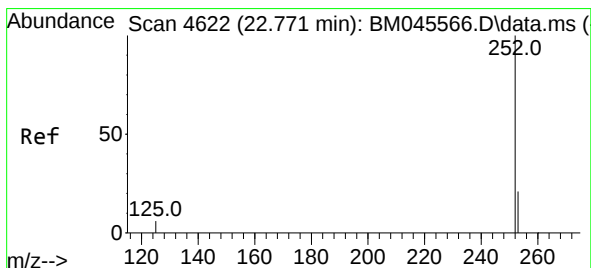
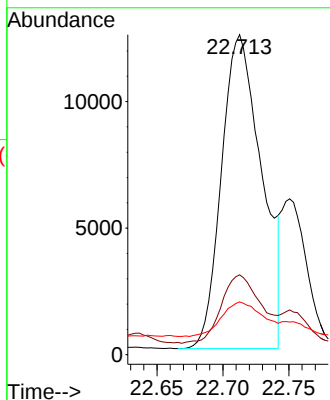
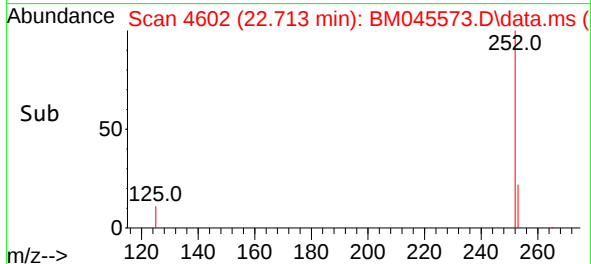
Instrument :
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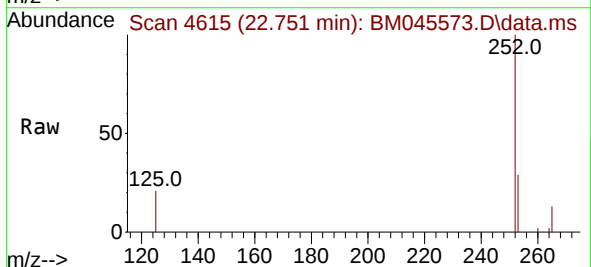
Tgt Ion:252 Resp: 2631
Ion Ratio Lower Upper
252 100
253 25.0 0.0 63.4
125 16.5 0.0 36.8

Manual Integrations
APPROVED

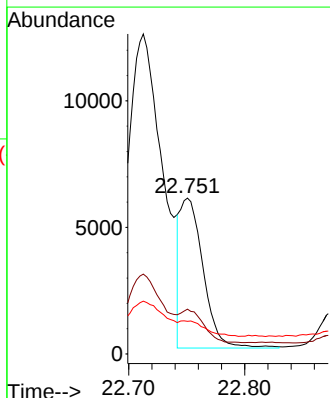
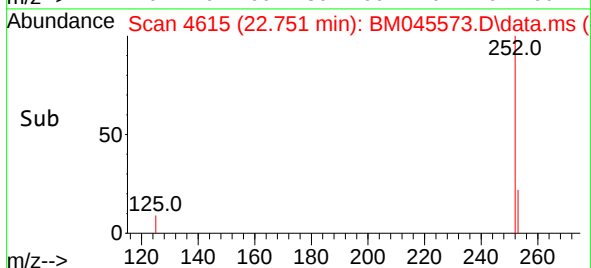
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

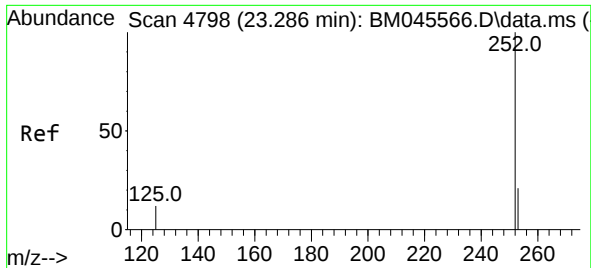


#25
Benzo(k)fluoranthene
Concen: 0.674 ng/ul m
RT: 22.751 min Scan# 4615
Delta R.T. -0.020 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33



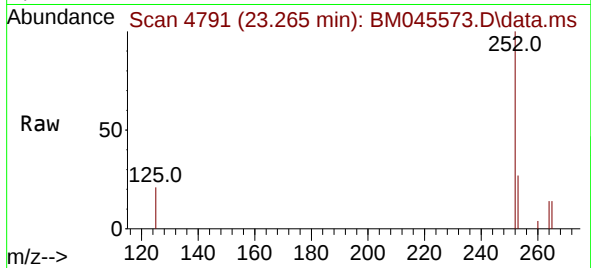
Tgt Ion:252 Resp: 8132
Ion Ratio Lower Upper
252 100
253 28.7 25.4 38.0
125 21.0 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.284 ng/ul
RT: 23.265 min Scan# 4791
Delta R.T. -0.026 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33

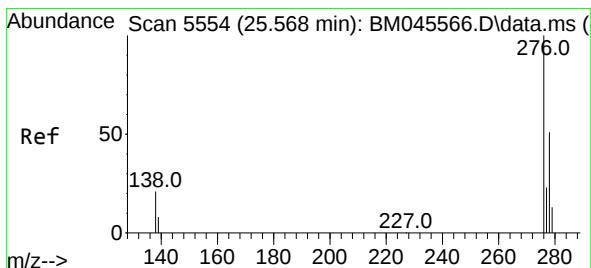
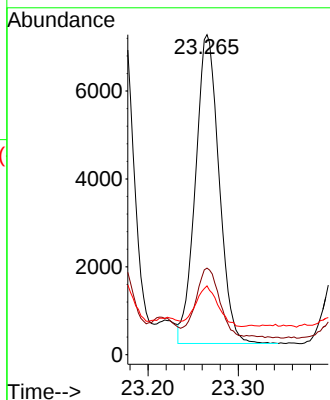
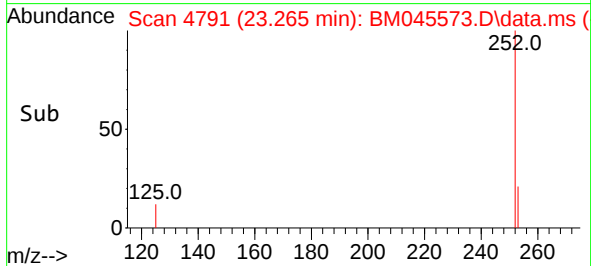
Instrument :
BNA_M
ClientSampleId :
E1CX7



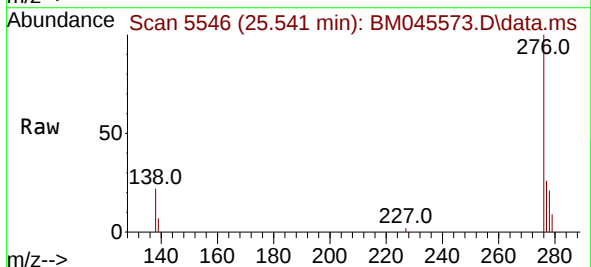
Tgt Ion:252 Resp: 12720
Ion Ratio Lower Upper
252 100
253 27.1 31.6 47.4#
125 21.5 19.5 29.3#

Manual Integrations
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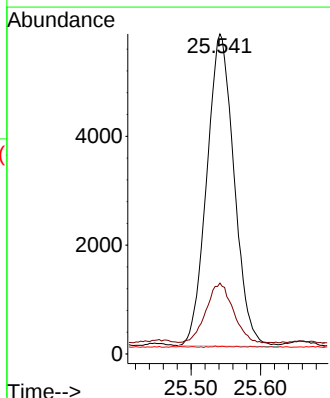
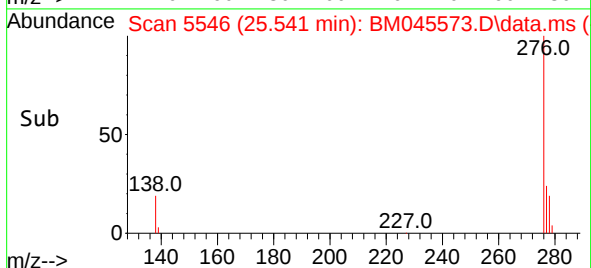
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

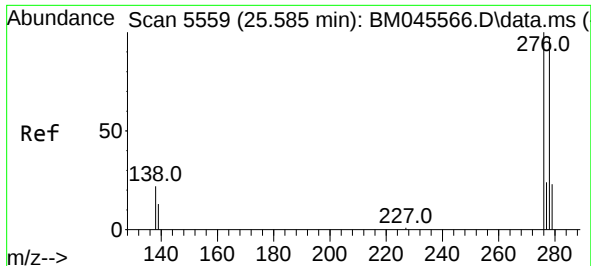


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.087 ng/ul
RT: 25.541 min Scan# 5546
Delta R.T. -0.030 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33



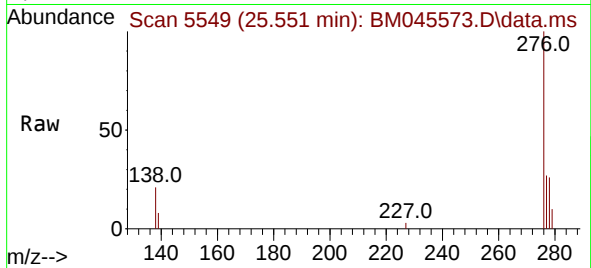
Tgt Ion:276 Resp: 15651
Ion Ratio Lower Upper
276 100
138 19.1 19.8 29.6#
227 0.3 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 25.551 min Scan# 5148
Delta R.T. -0.037 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33

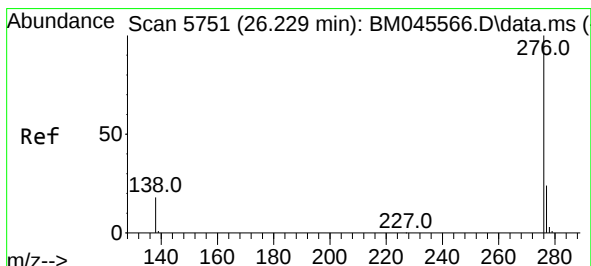
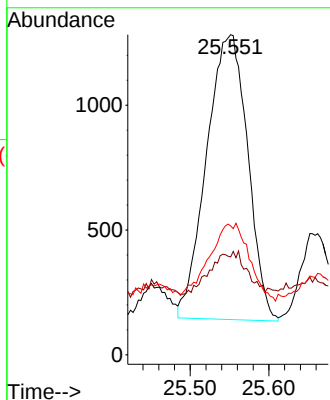
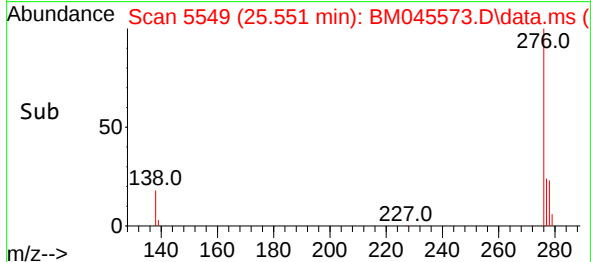
Instrument :
BNA_M
ClientSampleId :
E1CX7



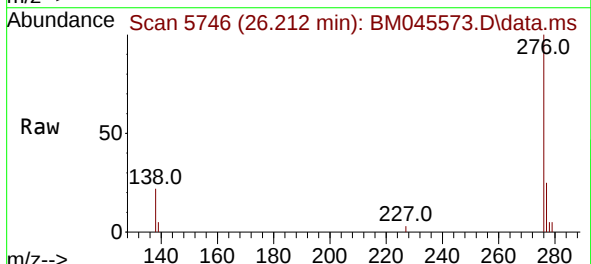
Tgt Ion:278 Resp: 4148
Ion Ratio Lower Upper
278 100
139 30.6 19.0 28.6
279 40.3 29.4 44.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#29
Benzo(g,h,i)perylene
Concen: 1.051 ng/ul
RT: 26.212 min Scan# 5746
Delta R.T. -0.023 min
Lab File: BM045573.D
Acq: 25 Apr 2024 21:33



Tgt Ion:276 Resp: 13590
Ion Ratio Lower Upper
276 100
138 22.5 20.8 31.2
277 25.4 21.8 32.8

