

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045593.D
 Acq On : 26 Apr 2024 18:25
 Operator : MA/JU
 Sample : P2203-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CW8

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 23:52:45 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 : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	903	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	2516	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.191	164	1433	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.959	188	2608m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.176	240	2159m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	3301m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	6345	5.242	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.909	152	1396	0.421	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212	2459m	0.362	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.353	128	19698	2.915	ng/ul#	87
7) 2-Methylnaphthalene	11.980	142	9919	2.570	ng/ul	98
8) 1-Methylnaphthalene	12.206	142	5575	1.288	ng/ul	100
10) Acenaphthylene	13.909	152	7772	1.100	ng/ul	98
11) Acenaphthene	14.256	153	1414	0.269	ng/ul	96
12) Fluorene	15.255	166	4011	0.715	ng/ul#	90
15) Phenanthrene	16.997	178	47811m	6.295	ng/ul	
16) Anthracene	17.090	178	10325	1.453	ng/ul	98
19) Fluoranthene	19.029	202	74571m	7.485	ng/ul	
20) Pyrene	19.396	202	73115	7.139	ng/ul#	91
21) Benzo(a)anthracene	21.158	228	45313m	6.566	ng/ul	
22) Chrysene	21.211	228	53225	5.016	ng/ul	98
24) Benzo(b)fluoranthene	22.716	252	113692m	10.239	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	38285m	2.729	ng/ul	
26) Benzo(a)pyrene	23.271	252	74082m	6.433	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.551	276	72904	4.356	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.558	278	20773m	1.565	ng/ul	
29) Benzo(g,h,i)perylene	26.219	276	79130	5.261	ng/ul	96

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

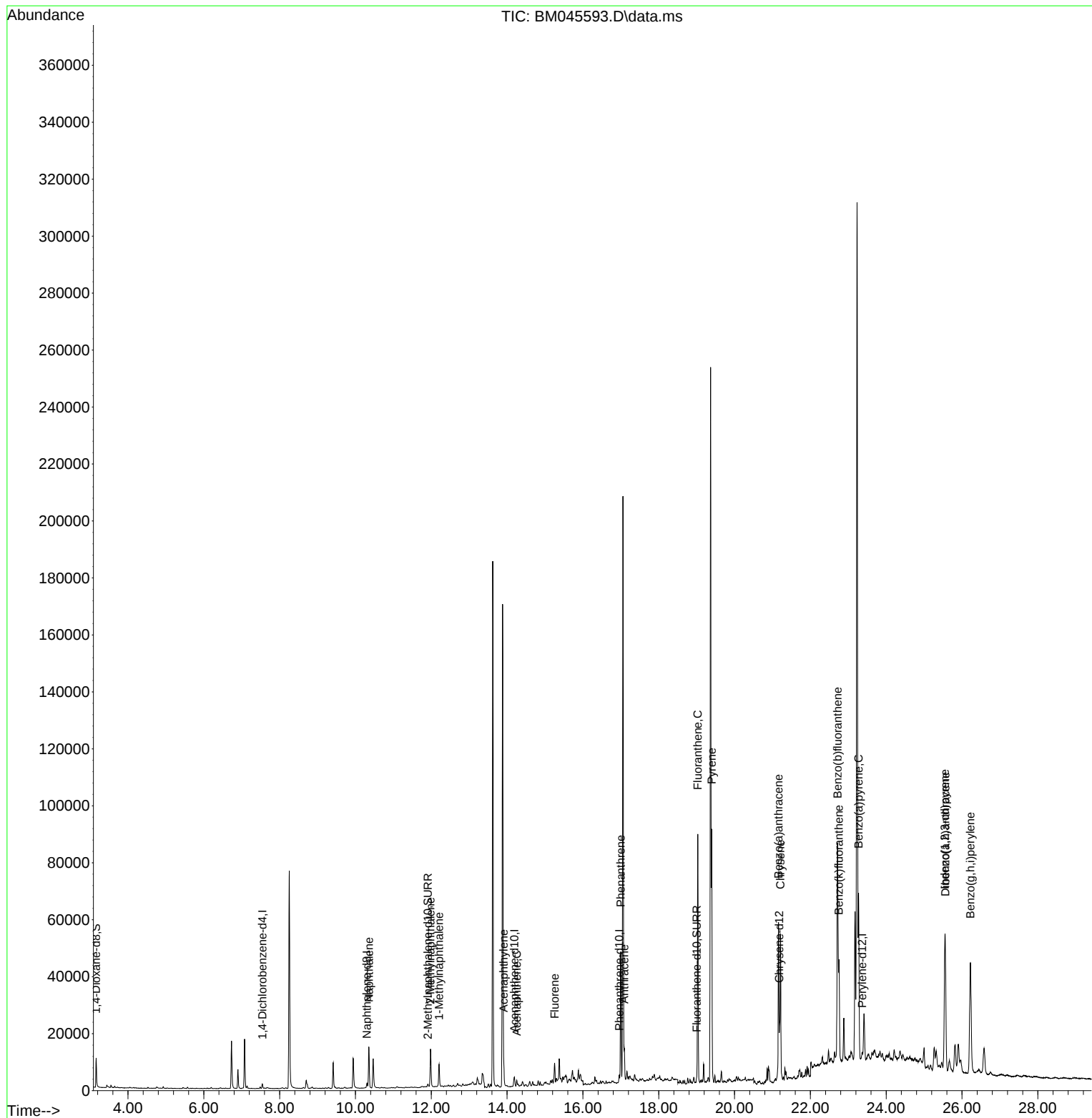
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045593.D
Acq On : 26 Apr 2024 18:25
Operator : MA/JU
Sample : P2203-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

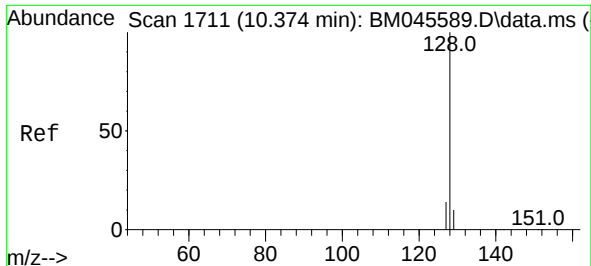
Instrument :
BNA_M
ClientSampleId :
E1CW8

Quant Time: Apr 26 23:52:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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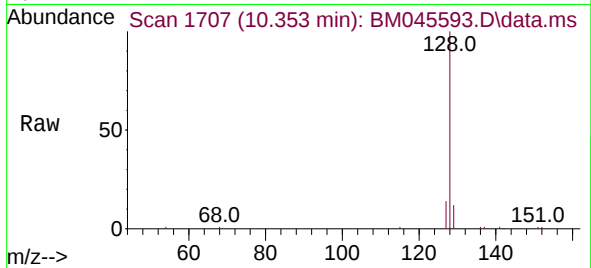
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024





#5
Naphthalene
Concen: 2.915 ng/ul
RT: 10.353 min Scan# 1711
Delta R.T. -0.027 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

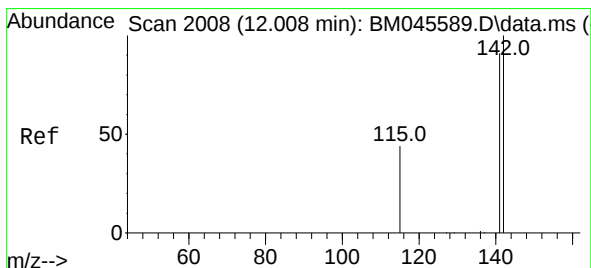
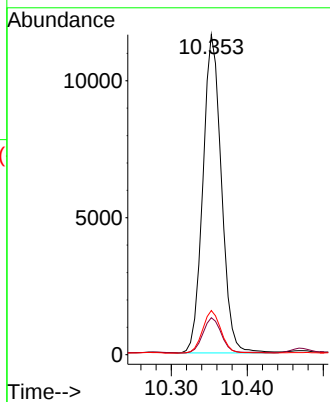
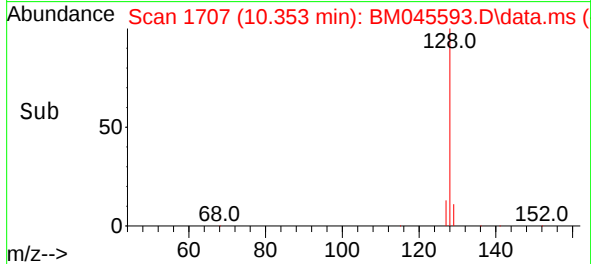
Instrument :
BNA_M
ClientSampleId :
E1CW8



Tgt Ion:128 Resp: 19698
Ion Ratio Lower Upper
128 100
129 11.6 14.0 21.0
127 13.8 15.4 23.2

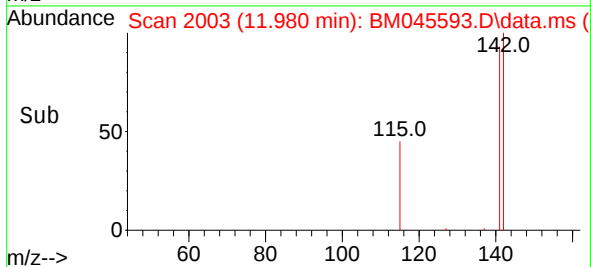
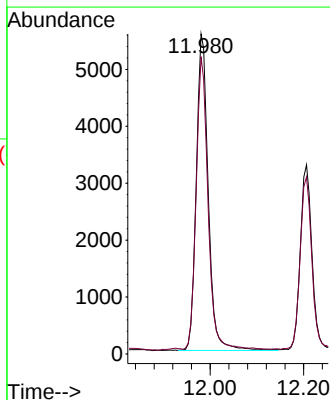
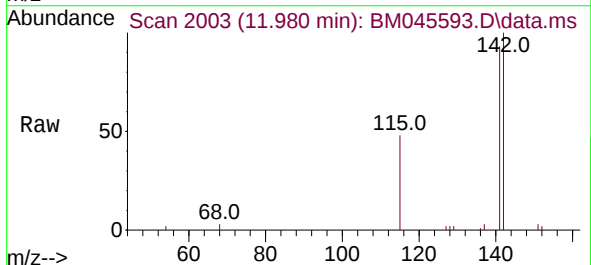
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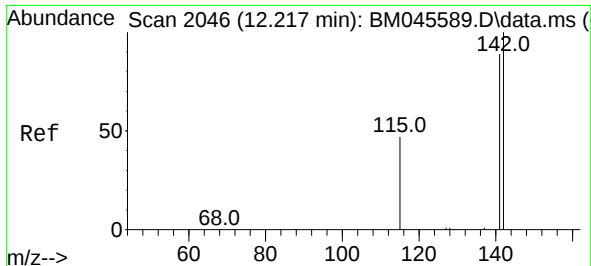
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 2.570 ng/ul
RT: 11.980 min Scan# 2003
Delta R.T. -0.027 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

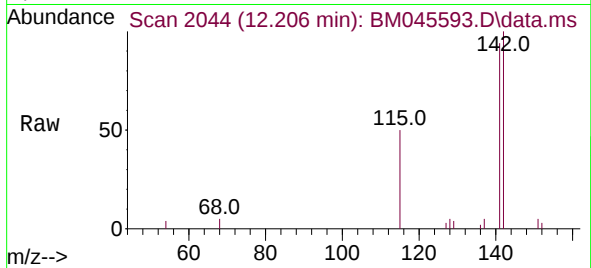
Tgt Ion:142 Resp: 9919
Ion Ratio Lower Upper
142 100
141 91.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 1.288 ng/ul
RT: 12.206 min Scan# 2046
Delta R.T. -0.016 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

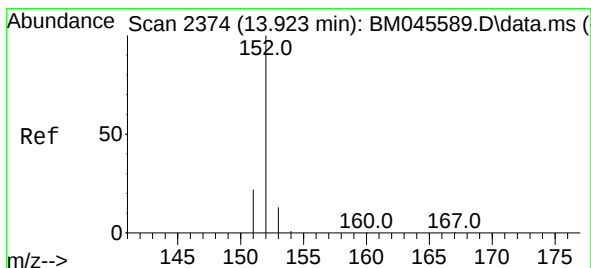
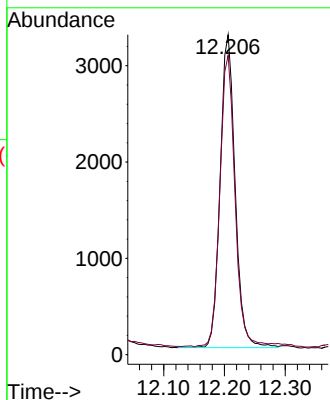
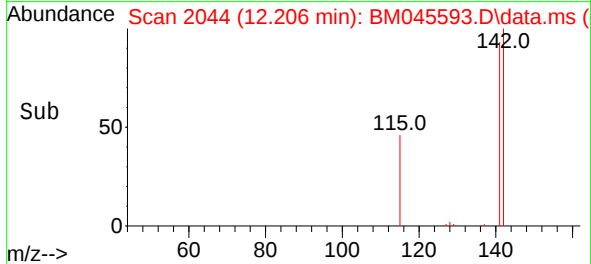
Instrument :
BNA_M
ClientSampleId :
E1CW8



Tgt Ion:142 Resp: 5579
Ion Ratio Lower Upper
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141 95.0 76.1 114.1

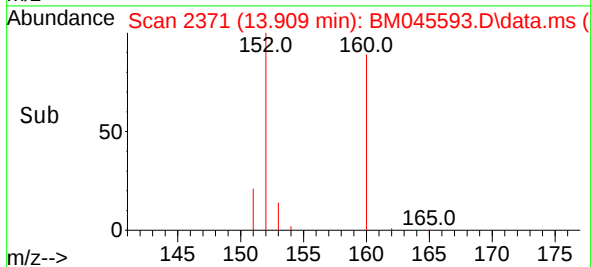
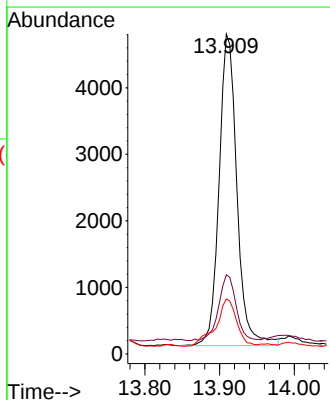
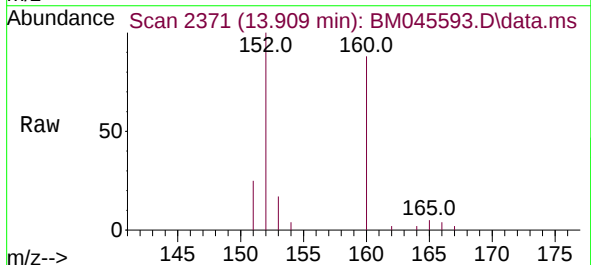
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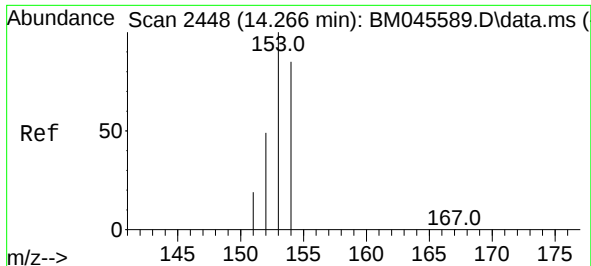
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Acenaphthylene
Concen: 1.100 ng/ul
RT: 13.909 min Scan# 2371
Delta R.T. -0.018 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

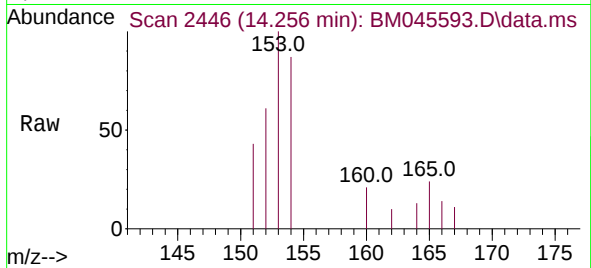
Tgt Ion:152 Resp: 7772
Ion Ratio Lower Upper
152 100
151 24.7 18.6 28.0
153 17.2 14.1 21.1





#11
Acenaphthene
Concen: 0.269 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.014 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

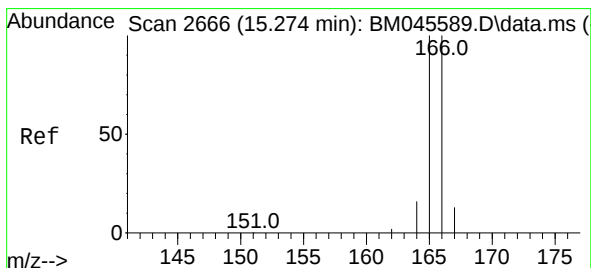
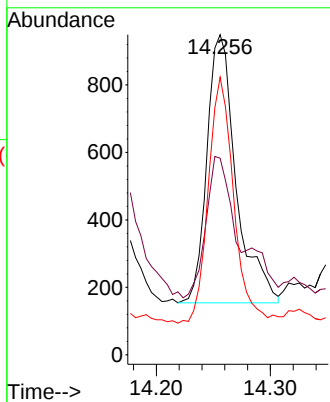
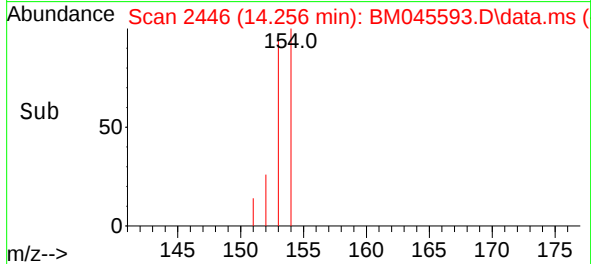
Instrument :
BNA_M
ClientSampleId :
E1CW8



Tgt Ion:153 Resp: 1414
Ion Ratio Lower Upper
153 100
152 61.4 43.4 65.2
154 86.7 69.0 103.6

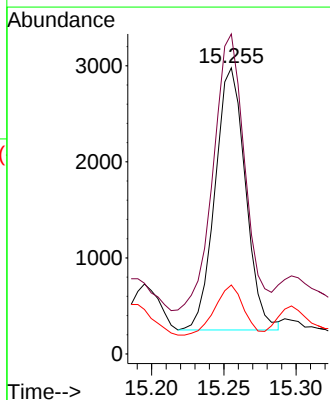
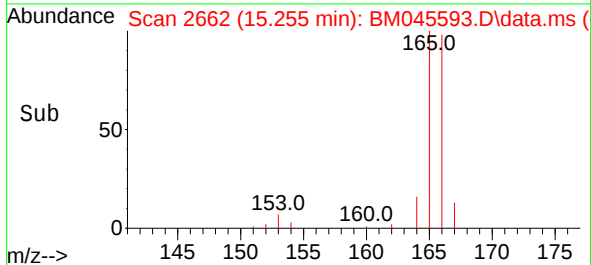
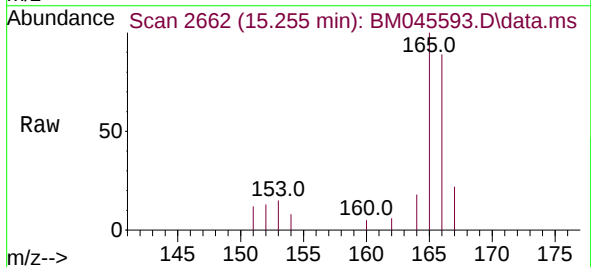
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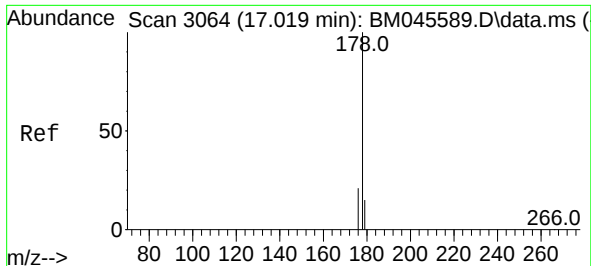
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 0.715 ng/ul
RT: 15.255 min Scan# 2662
Delta R.T. -0.023 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

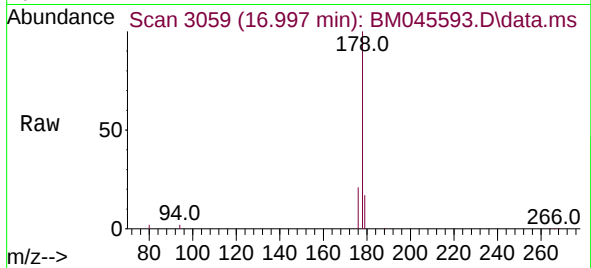
Tgt Ion:166 Resp: 4011
Ion Ratio Lower Upper
166 100
165 111.9 82.2 123.2
167 24.1 14.8 22.2#





#15
Phenanthrene
Concen: 6.295 ng/ul m
RT: 16.997 min Scan# 3059
Delta R.T. -0.025 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

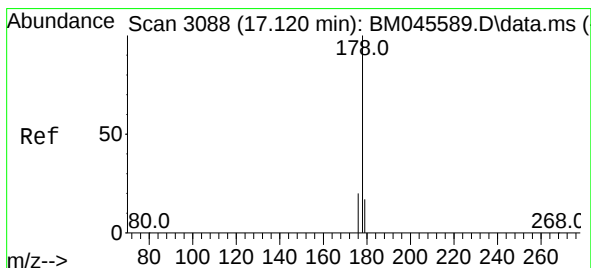
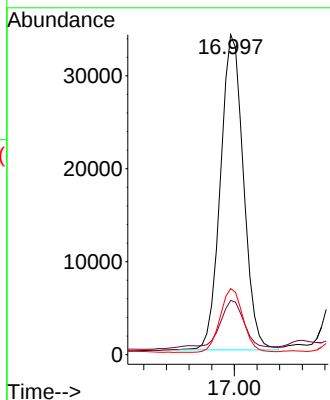
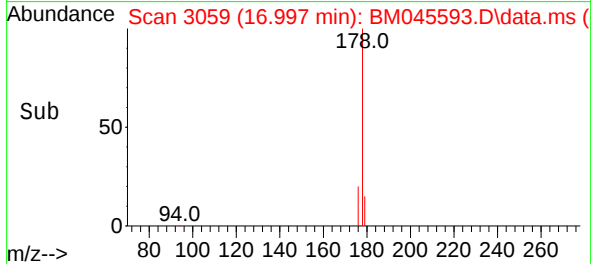
Instrument :
BNA_M
ClientSampleId :
E1CW8



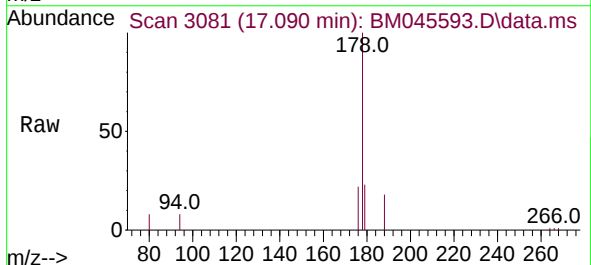
Tgt Ion:178 Resp: 4781
Ion Ratio Lower Upper
178 100
179 17.0 15.4 23.2
176 20.6 19.0 28.4

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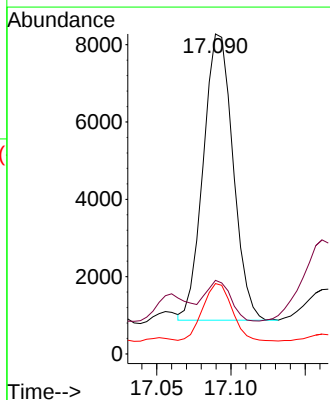
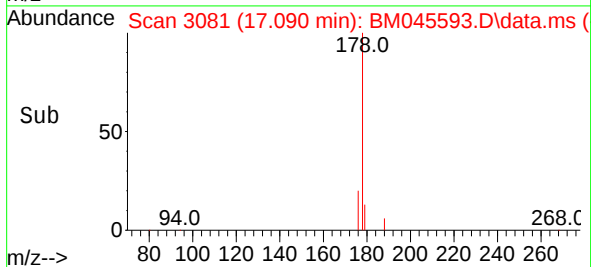
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024

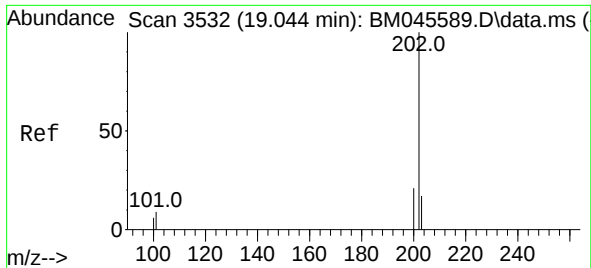


#16
Anthracene
Concen: 1.453 ng/ul
RT: 17.090 min Scan# 3081
Delta R.T. -0.029 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25



Tgt Ion:178 Resp: 10325
Ion Ratio Lower Upper
178 100
179 23.0 17.8 26.6
176 22.0 18.7 28.1





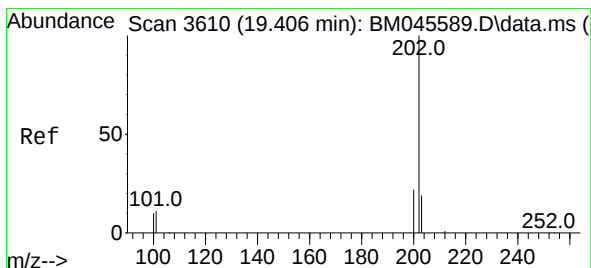
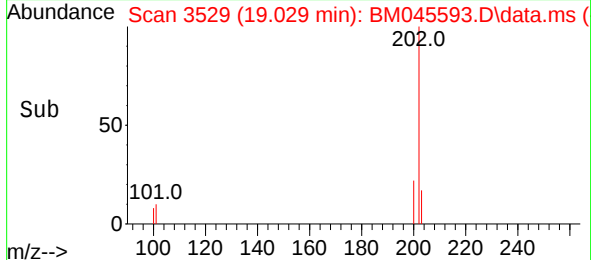
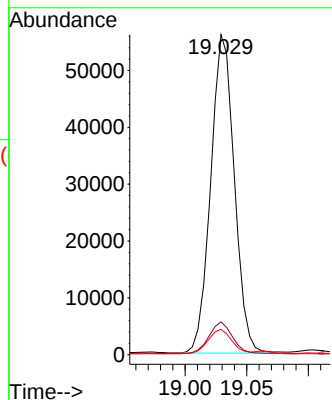
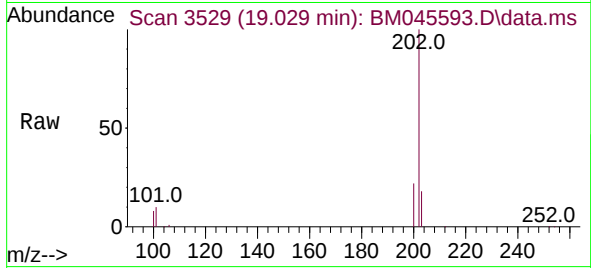
#19
Fluoranthene
Concen: 7.485 ng/ul m
RT: 19.029 min Scan# 3529
Delta R.T. -0.018 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

Instrument :
BNA_M
ClientSampleId :
E1CW8

Tgt Ion:202 Resp: 7457
Ion Ratio Lower Upper
202 100
101 10.3 11.2 16.8#
100 7.9 9.1 13.7#

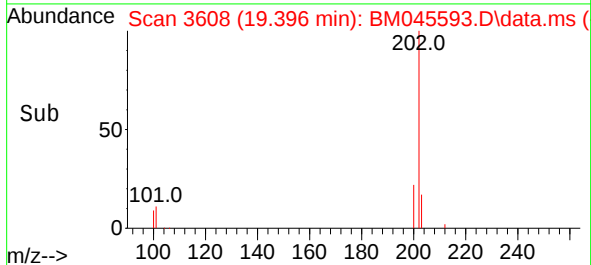
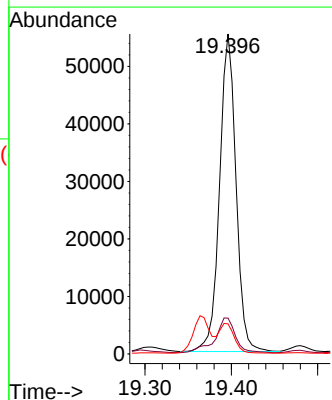
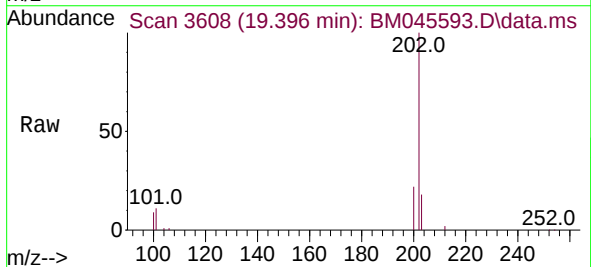
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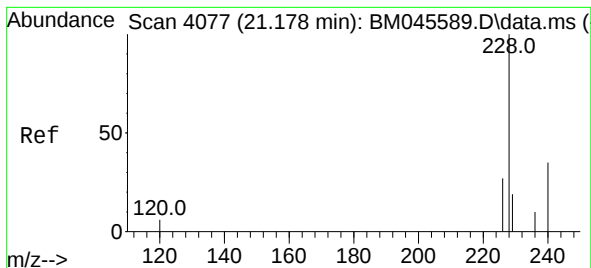
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 7.139 ng/ul
RT: 19.396 min Scan# 3608
Delta R.T. -0.018 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

Tgt Ion:202 Resp: 73115
Ion Ratio Lower Upper
202 100
101 11.2 11.5 17.3#
100 9.4 10.6 15.8#





#21

Benzo(a)anthracene

Concen: 6.566 ng/ul m

RT: 21.158 min Scan# 4077

Delta R.T. -0.023 min

Lab File: BM045593.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_M

ClientSampleId :

E1CW8

Tgt Ion:228 Resp: 4531

Ion Ratio Lower Upper

228 100

229 22.8 19.4 29.2

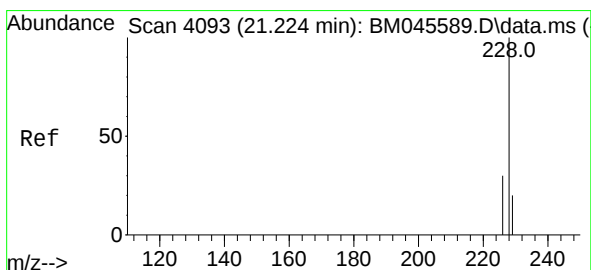
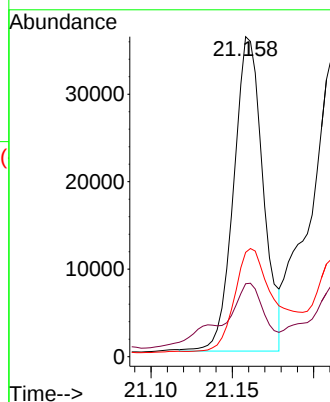
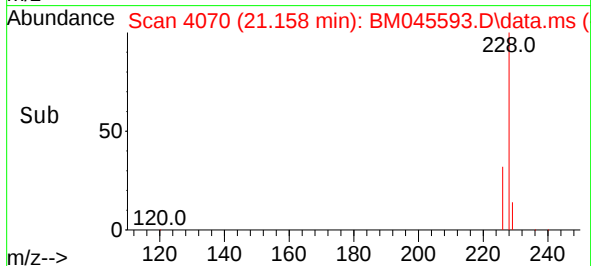
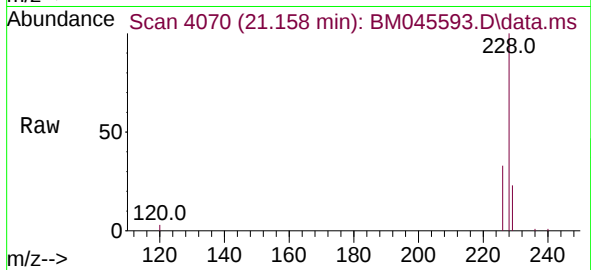
226 32.6 26.3 39.5

Manual Integrations

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Reviewed By :Yogesh Patel 04/27/2024

Supervised By :mohammad ahmed 04/27/2024



#22

Chrysene

Concen: 5.016 ng/ul

RT: 21.211 min Scan# 4088

Delta R.T. -0.017 min

Lab File: BM045593.D

Acq: 26 Apr 2024 18:25

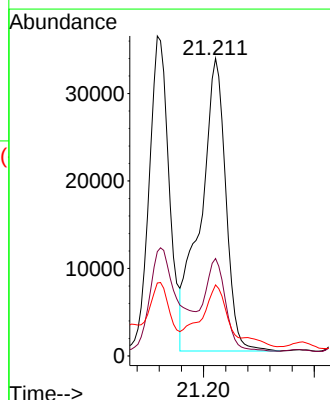
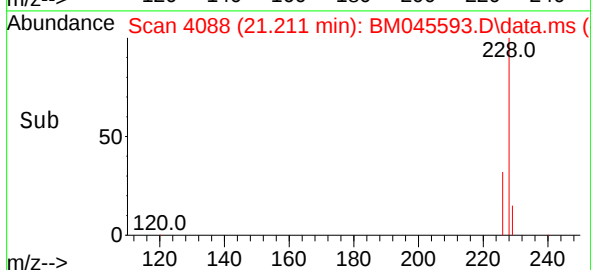
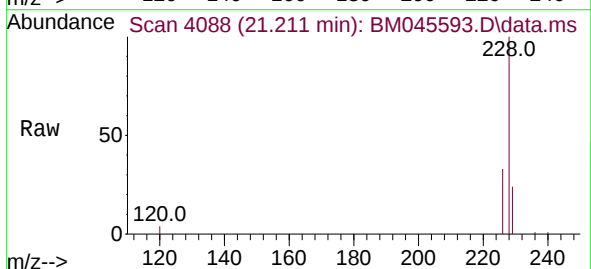
Tgt Ion:228 Resp: 53225

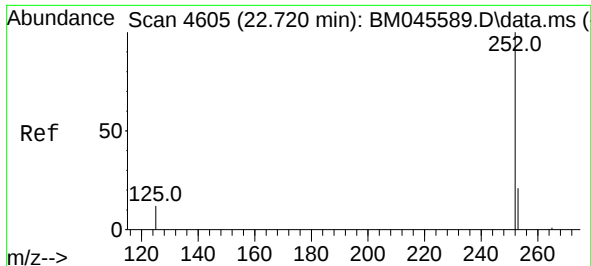
Ion Ratio Lower Upper

228 100

226 32.7 26.3 39.5

229 23.9 17.8 26.8





#24

Benzo(b)fluoranthene

Concen: 10.239 ng/ul m

RT: 22.716 min Scan# 4603

Delta R.T. -0.014 min

Lab File: BM045593.D

Acq: 26 Apr 2024 18:25

Instrument :

BNM

ClientSampleId :

E1CW8

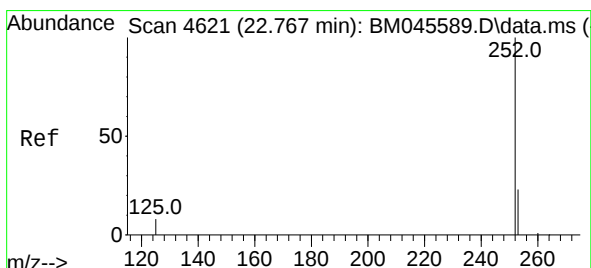
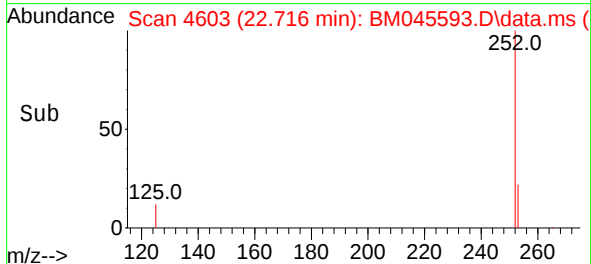
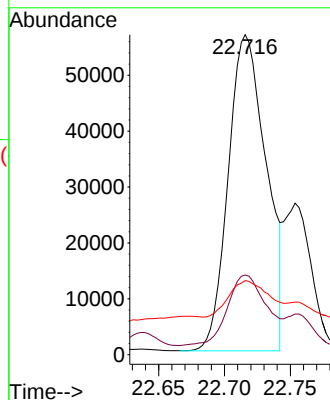
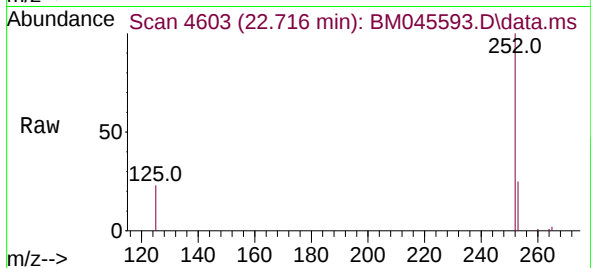
Tgt Ion:252 Resp: 113692
 Ion Ratio Lower Upper
 252 100
 253 24.9 0.0 63.4
 125 23.1 0.0 36.8

Manual Integrations

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Reviewed By :Yogesh Patel 04/27/2024

Supervised By :mohammad ahmed 04/27/2024



#25

Benzo(k)fluoranthene

Concen: 2.729 ng/ul m

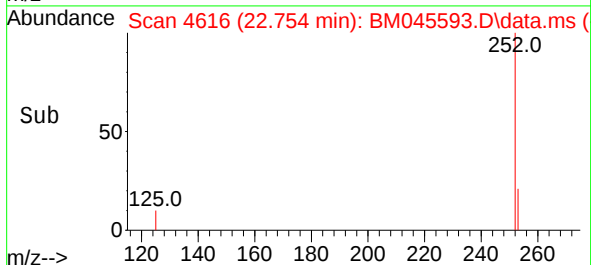
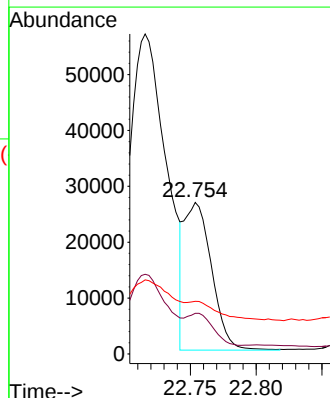
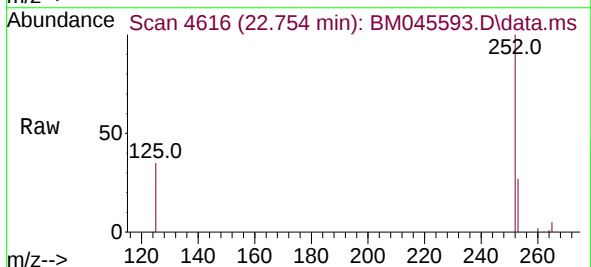
RT: 22.754 min Scan# 4616

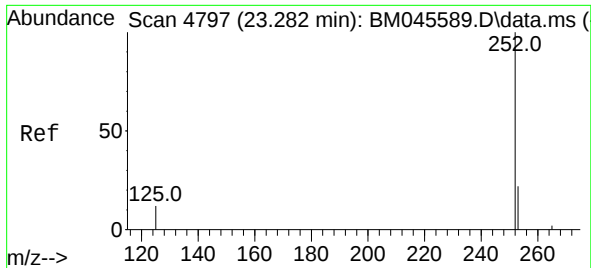
Delta R.T. -0.017 min

Lab File: BM045593.D

Acq: 26 Apr 2024 18:25

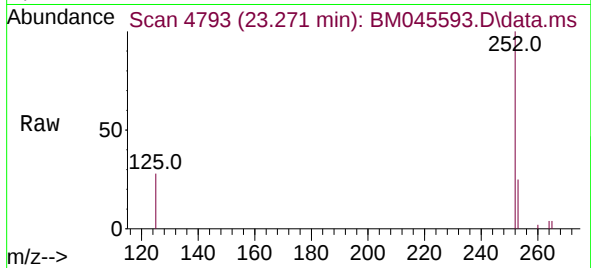
Tgt Ion:252 Resp: 38285
 Ion Ratio Lower Upper
 252 100
 253 26.9 25.4 38.0
 125 34.7 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 6.433 ng/ul m
RT: 23.271 min Scan# 4793
Delta R.T. -0.020 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

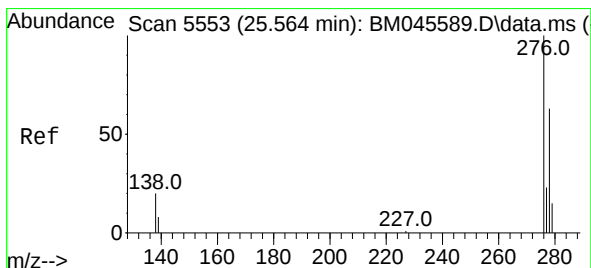
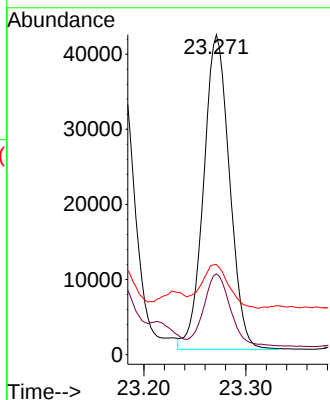
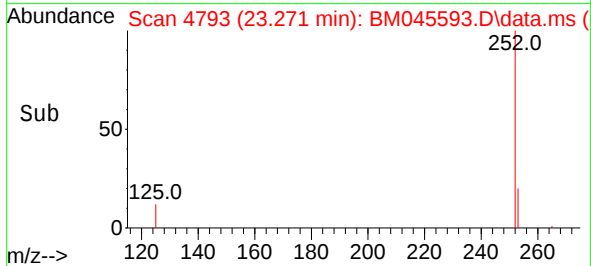
Instrument :
BNA_M
ClientSampleId :
E1CW8



Tgt Ion:252 Resp: 74082
Ion Ratio Lower Upper
252 100
253 25.2 31.6 47.4#
125 28.2 19.5 29.3

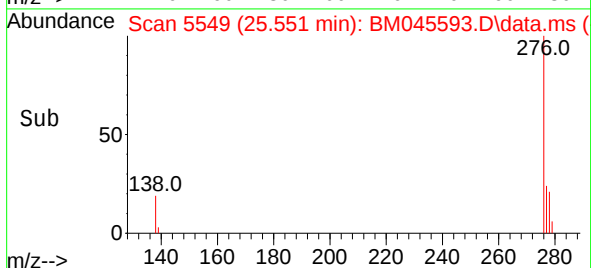
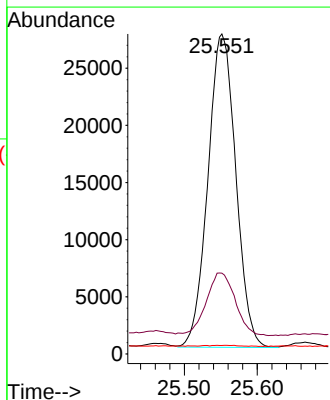
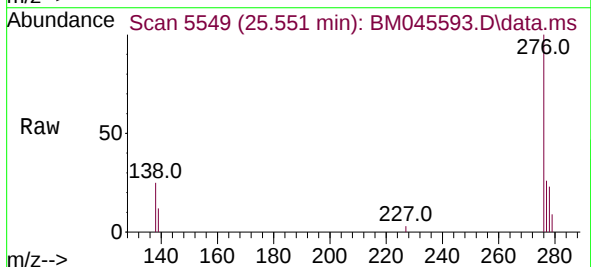
Manual Integrations
APPROVED

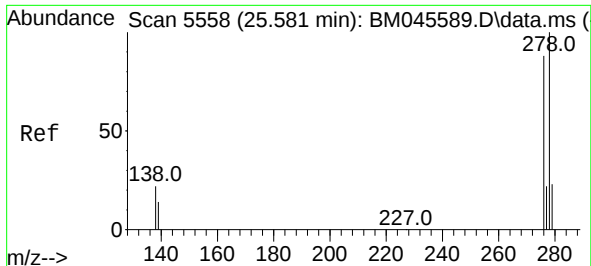
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.356 ng/ul
RT: 25.551 min Scan# 5549
Delta R.T. -0.020 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

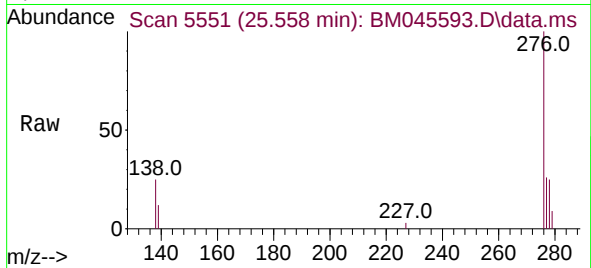
Tgt Ion:276 Resp: 72904
Ion Ratio Lower Upper
276 100
138 20.6 19.8 29.6
227 0.2 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 1.565 ng/ul m
RT: 25.558 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

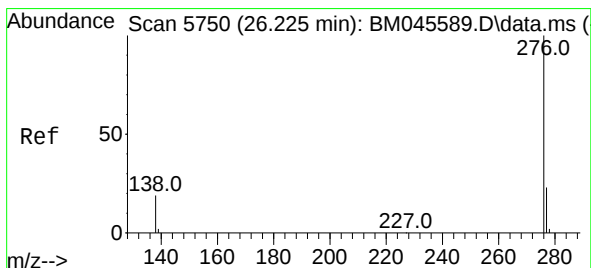
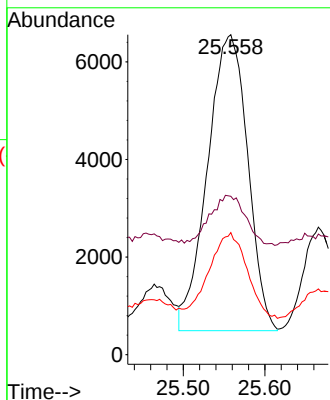
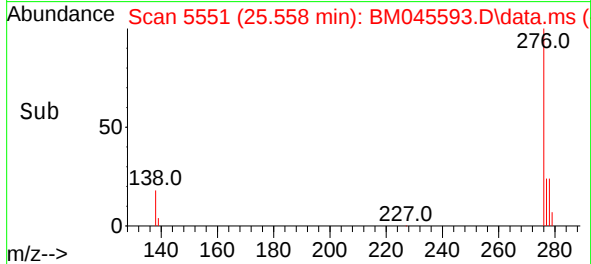
Instrument :
BNA_M
ClientSampleId :
E1CW8



Tgt Ion:278 Resp: 2077
Ion Ratio Lower Upper
278 100
139 49.5 19.0 28.6
279 38.2 29.4 44.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 5.261 ng/ul
RT: 26.219 min Scan# 5748
Delta R.T. -0.017 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

Tgt Ion:276 Resp: 79130
Ion Ratio Lower Upper
276 100
138 24.6 20.8 31.2
277 24.9 21.8 32.8

