

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045960.D
 Acq On : 10 Jun 2024 20:47
 Operator : MA/JU
 Sample : P2642-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 22:48:54 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 10 22:47:12 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	4043	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.231	136	12939	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.103	164	6737	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.844	188	13659m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.041	240	10852m	0.400	ng/ul	-0.01
23) Perylene-d12	23.145	264	11327m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	14951	3.247	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.848	152	3242	0.174	ng/ul	0.00
18) Fluoranthene-d10	18.875	212	7080	0.218	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.275	128	1055	0.031	ng/ul#	73
7) 2-Methylnaphthalene	11.920	142	714	0.033	ng/ul	97
8) 1-Methylnaphthalene	12.140	142	685	0.029	ng/ul	99
10) Acenaphthylene	13.821	152	628	0.020	ng/ul#	62
11) Acenaphthene	14.168	153	2524	0.112	ng/ul	96
12) Fluorene	15.158	166	3455	0.137	ng/ul	97
15) Phenanthrene	16.887	178	38877m	1.014	ng/ul	
16) Anthracene	16.975	178	10577m	0.323	ng/ul	
19) Fluoranthene	18.908	202	43949	1.016	ng/ul	98
20) Pyrene	19.270	202	38277	0.848	ng/ul	97
21) Benzo(a)anthracene	21.026	228	18503	0.465	ng/ul	97
22) Chrysene	21.076	228	17914	0.413	ng/ul	97
24) Benzo(b)fluoranthene	22.525	252	20289m	0.540	ng/ul	
25) Benzo(k)fluoranthene	22.560	252	7639m	0.185	ng/ul	
26) Benzo(a)pyrene	23.052	252	15163	0.406	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.209	276	9457	0.196	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.216	278	2319	0.060	ng/ul#	37
29) Benzo(g,h,i)perylene	25.836	276	9247	0.222	ng/ul	95

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

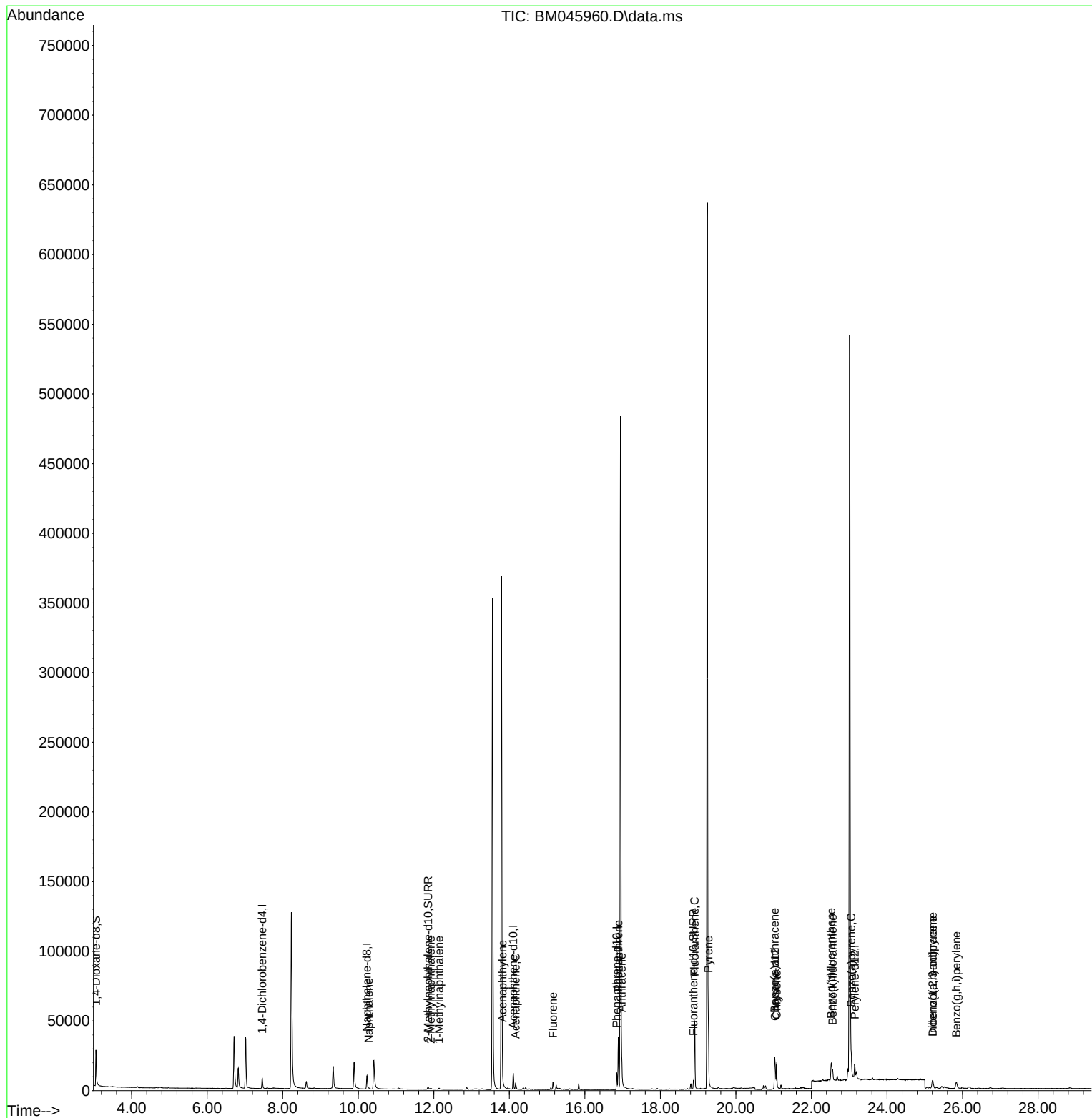
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045960.D
Acq On : 10 Jun 2024 20:47
Operator : MA/JU
Sample : P2642-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

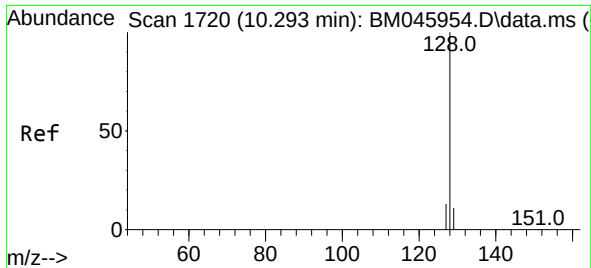
Instrument :
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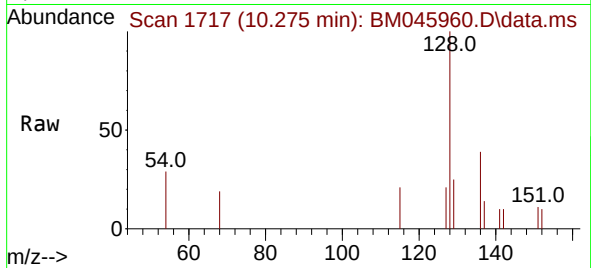
Quant Time: Jun 10 22:48:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.028 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

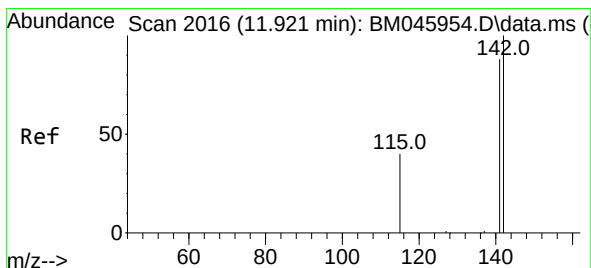
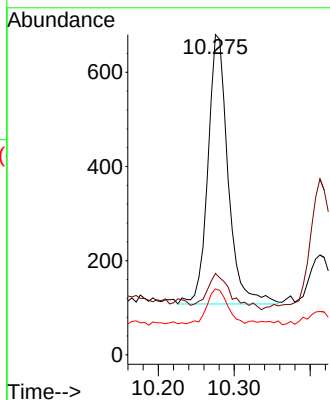
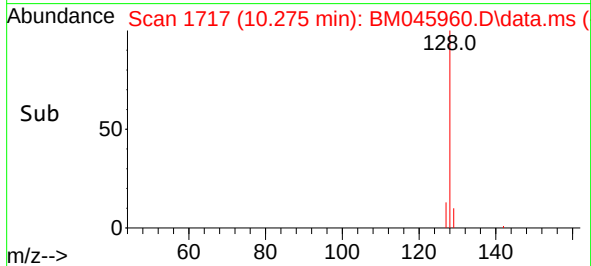
Instrument :
BNA_M
ClientSampleId :
A4BH3



Tgt Ion:128 Resp: 105
Ion Ratio Lower Upper
128 100
129 25.4 9.4 14.0
127 20.6 10.6 15.8

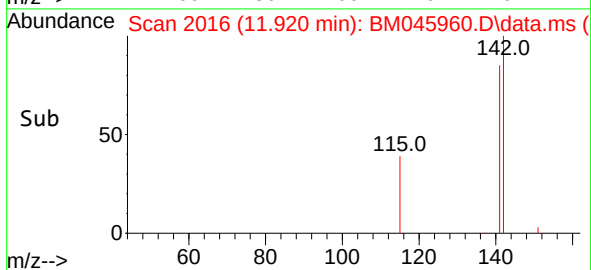
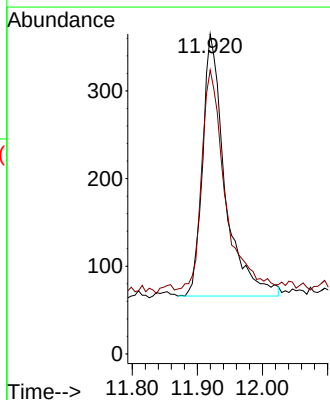
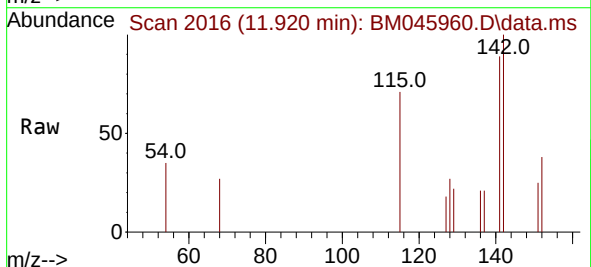
Manual Integrations
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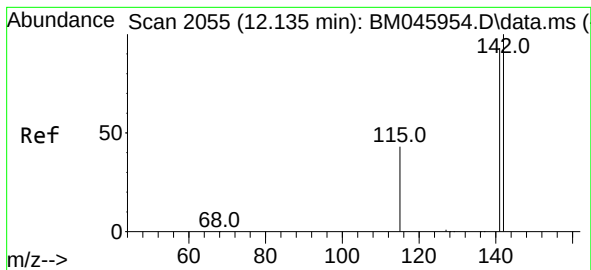
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 11.920 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

Tgt Ion:142 Resp: 714
Ion Ratio Lower Upper
142 100
141 87.4 72.2 108.4





#8

1-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.140 min Scan# 2055

Delta R.T. -0.006 min

Lab File: BM045960.D

Acq: 10 Jun 2024 20:47

Instrument :

BNA_M

ClientSampleId :

A4BH3

Tgt Ion:142 Resp: 688

Ion Ratio Lower Upper

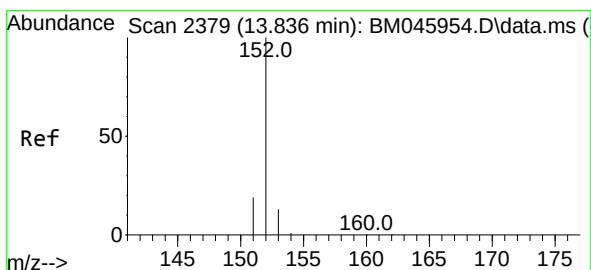
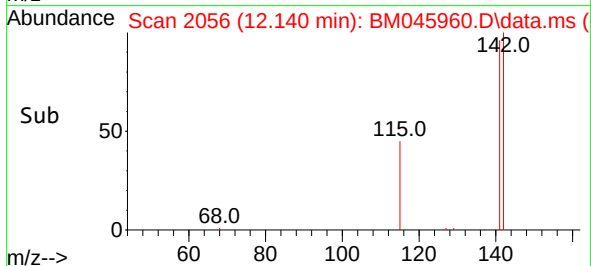
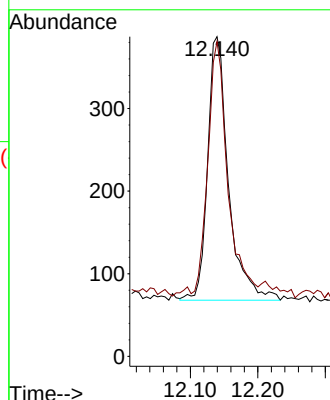
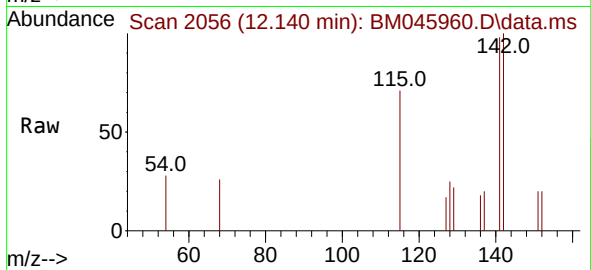
142 100

141 92.8 73.5 110.3

Manual Integrations

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#10

Acenaphthylene

Concen: 0.020 ng/ul

RT: 13.821 min Scan# 2376

Delta R.T. -0.019 min

Lab File: BM045960.D

Acq: 10 Jun 2024 20:47

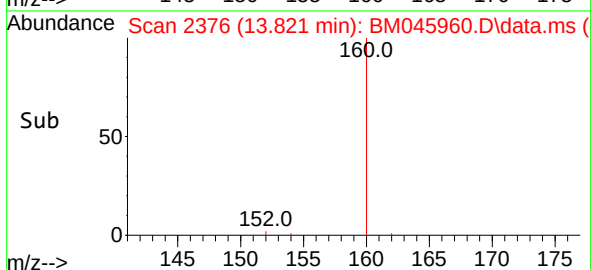
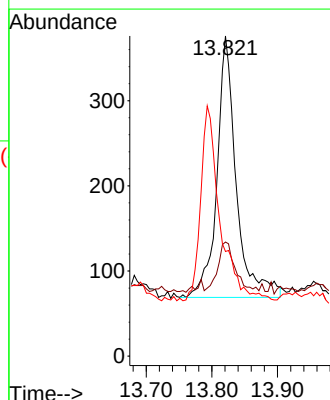
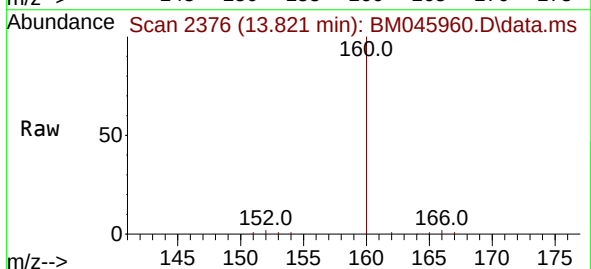
Tgt Ion:152 Resp: 628

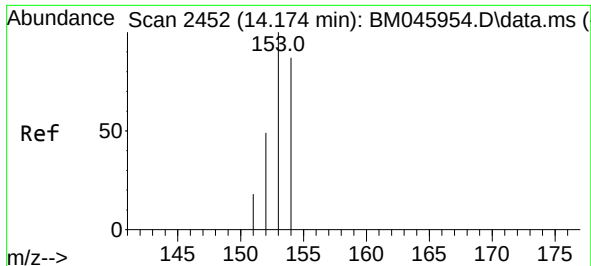
Ion Ratio Lower Upper

152 100

151 35.6 16.4 24.6#

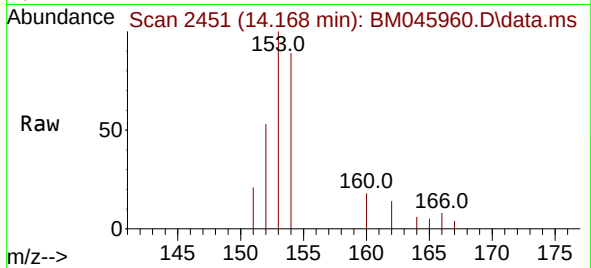
153 32.7 11.1 16.7#





#11
Acenaphthene
Concen: 0.112 ng/ul
RT: 14.168 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

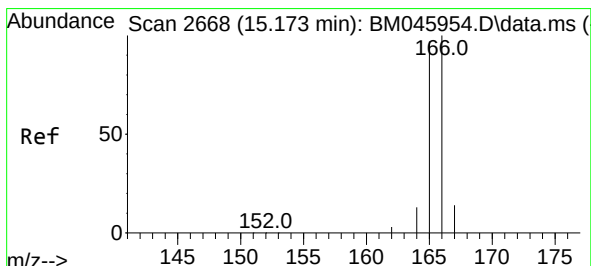
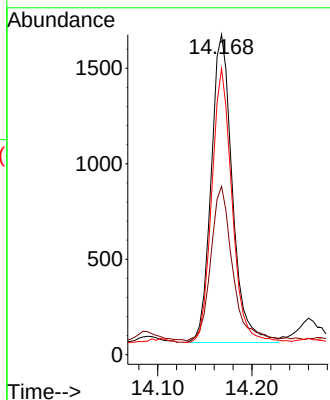
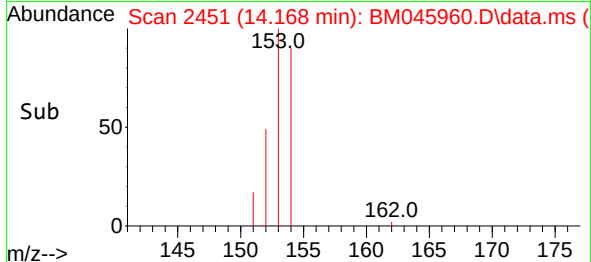
Instrument :
BNA_M
ClientSampleId :
A4BH3



Tgt Ion:153 Resp: 2524
Ion Ratio Lower Upper
153 100
152 52.6 39.0 58.4
154 89.4 69.4 104.2

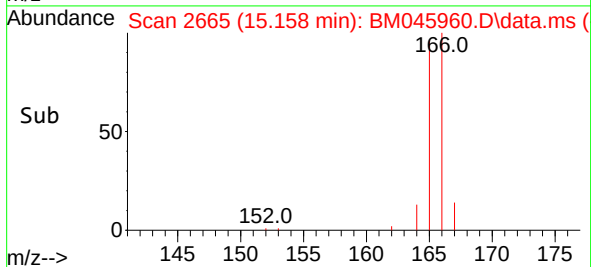
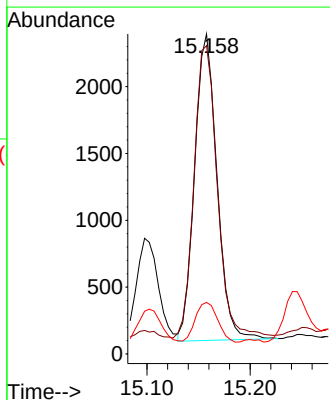
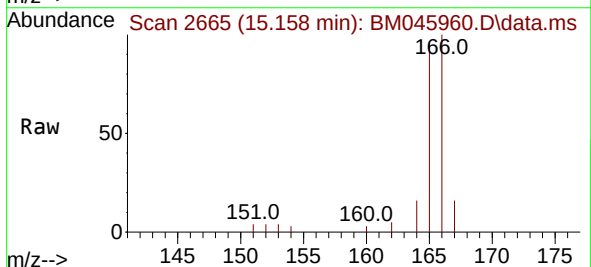
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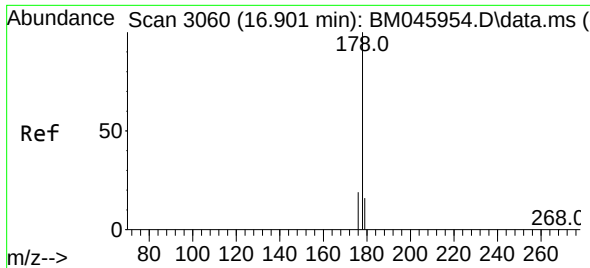
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.137 ng/ul
RT: 15.158 min Scan# 2665
Delta R.T. -0.019 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

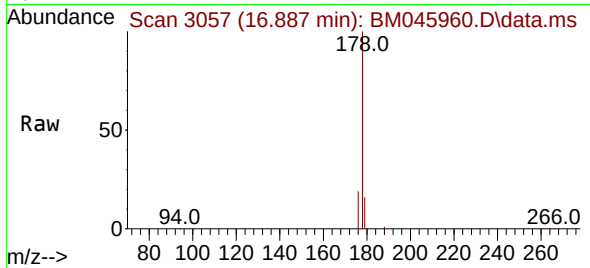
Tgt Ion:166 Resp: 3455
Ion Ratio Lower Upper
166 100
165 96.4 79.7 119.5
167 16.1 11.3 16.9





#15
Phenanthrene
Concen: 1.014 ng/ul m
RT: 16.887 min Scan# 3060
Delta R.T. -0.017 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

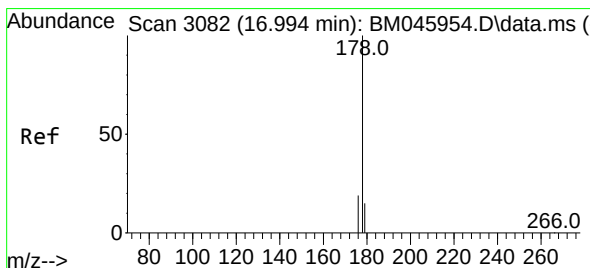
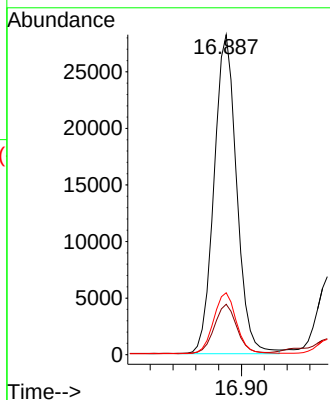
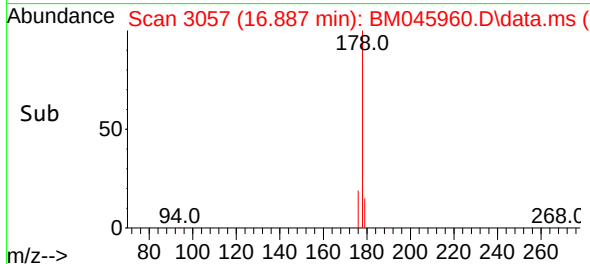
Instrument :
BNA_M
ClientSampleId :
A4BH3



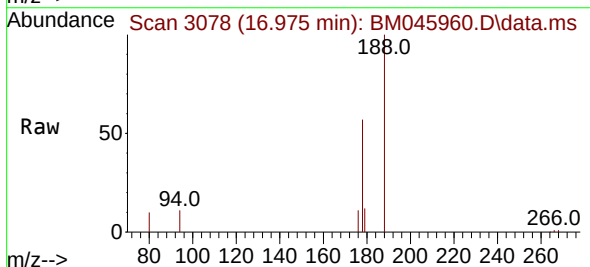
Tgt Ion:178 Resp: 3887
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.3 15.6 23.4

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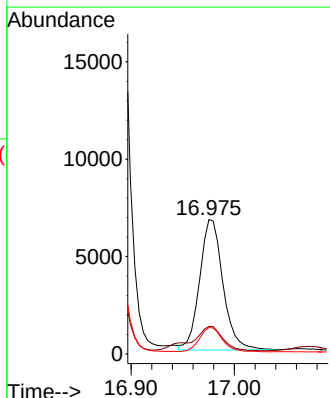
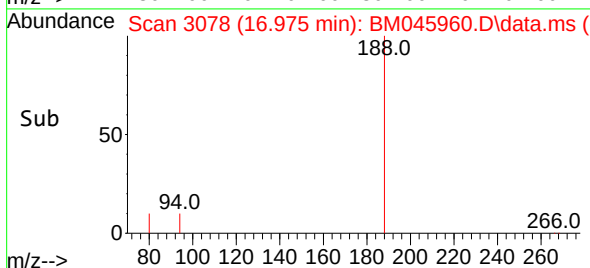
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

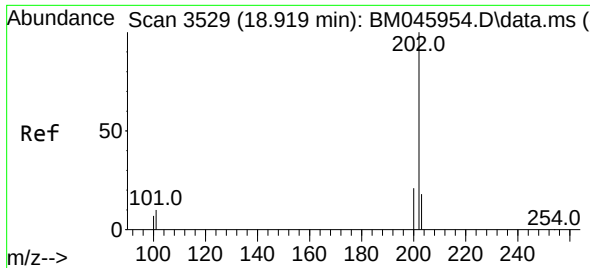


#16
Anthracene
Concen: 0.323 ng/ul m
RT: 16.975 min Scan# 3078
Delta R.T. -0.021 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47



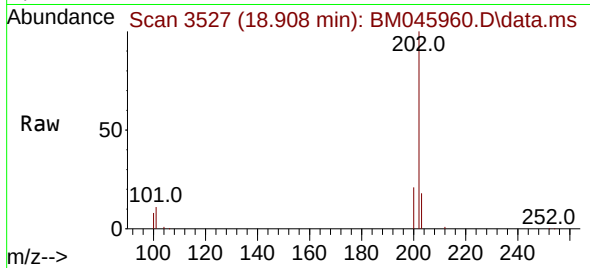
Tgt Ion:178 Resp: 10577
Ion Ratio Lower Upper
178 100
179 20.5 13.1 19.7#
176 19.6 15.5 23.3





#19
Fluoranthene
Concen: 1.016 ng/ul
RT: 18.908 min Scan# 3527
Delta R.T. -0.014 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

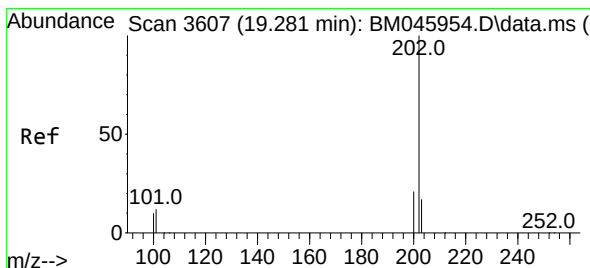
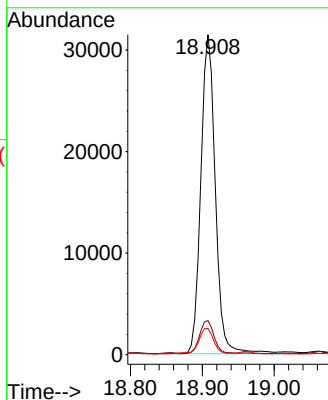
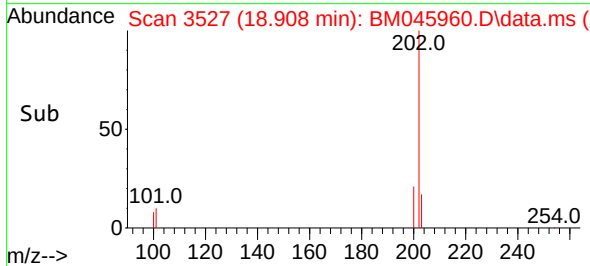
Instrument :
BNA_M
ClientSampleId :
A4BH3



Tgt Ion:202 Resp: 43949
Ion Ratio Lower Upper
202 100
101 10.7 9.0 13.6
100 8.2 7.0 10.6

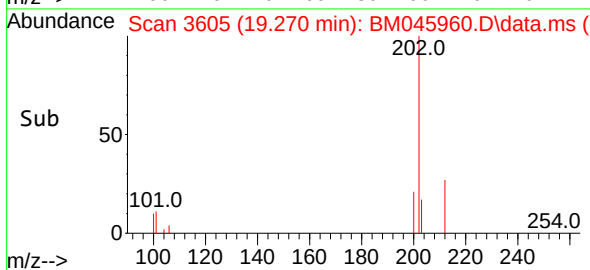
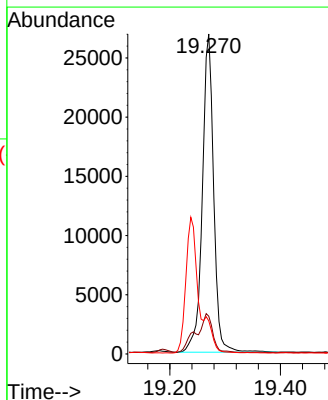
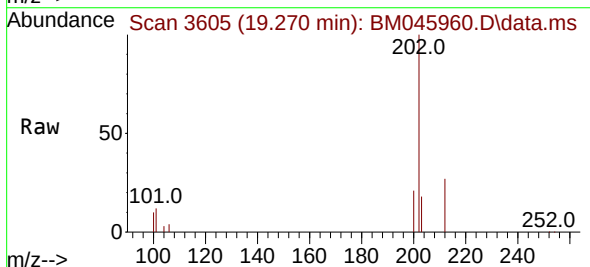
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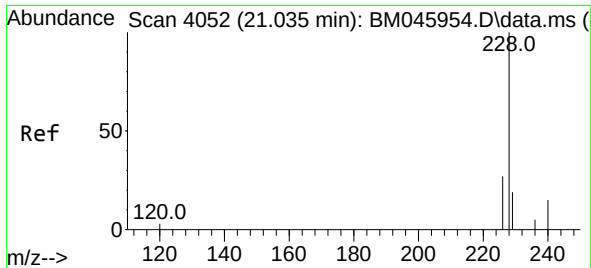
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 0.848 ng/ul
RT: 19.270 min Scan# 3605
Delta R.T. -0.014 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

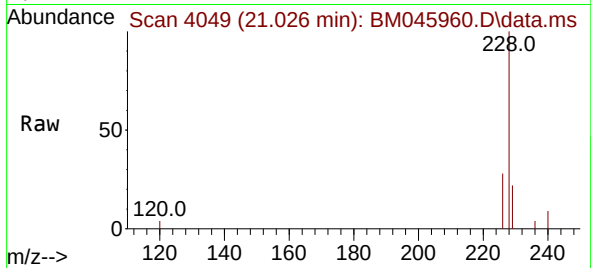
Tgt Ion:202 Resp: 38277
Ion Ratio Lower Upper
202 100
101 11.8 10.6 16.0
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.465 ng/ul
RT: 21.026 min Scan# 4052
Delta R.T. -0.009 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

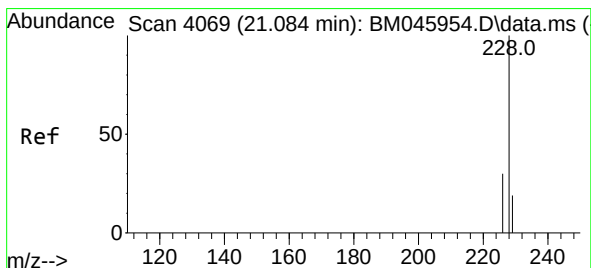
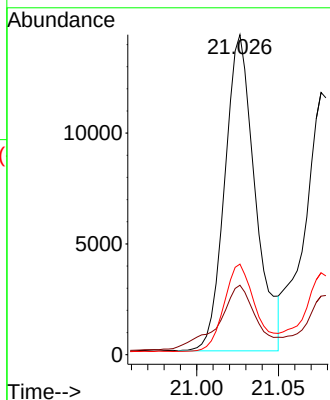
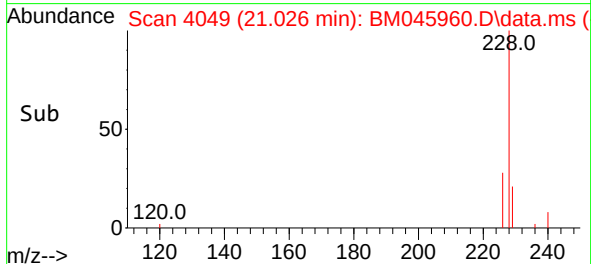
Instrument :
BNA_M
ClientSampleId :
A4BH3



Tgt Ion:228 Resp: 18500
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 28.3 22.0 33.0

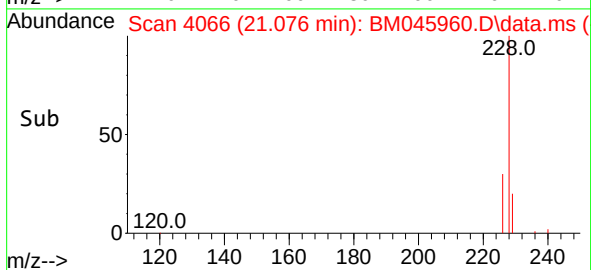
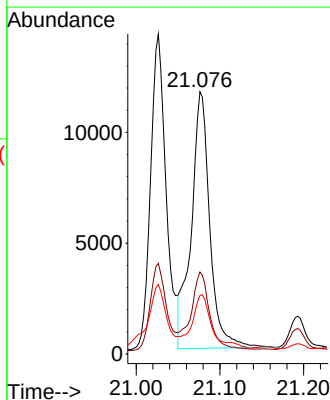
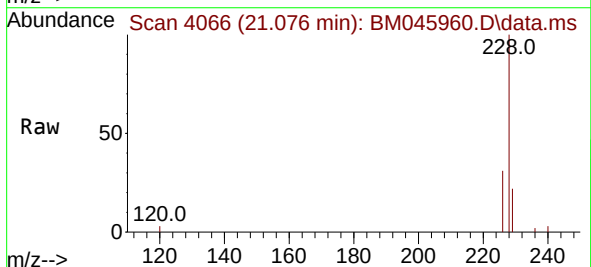
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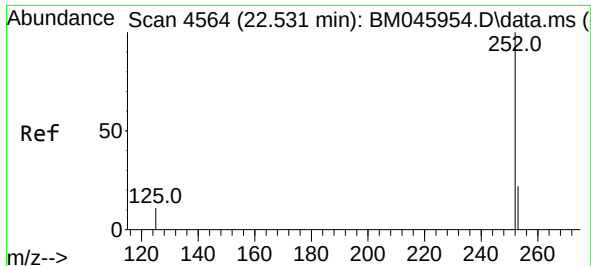
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.012 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

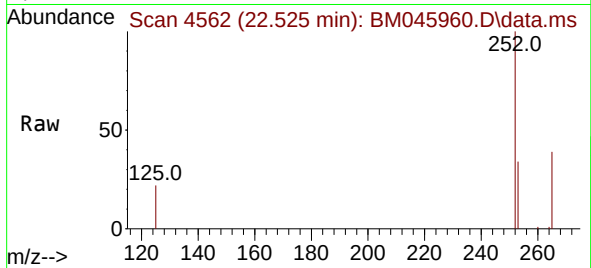
Tgt Ion:228 Resp: 17914
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 22.4 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.540 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

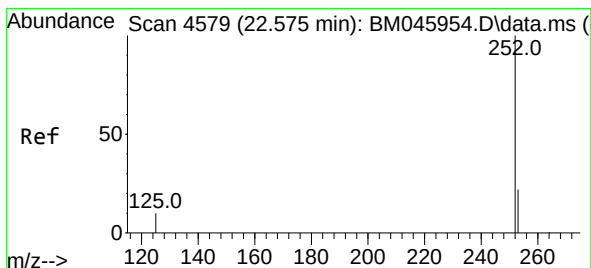
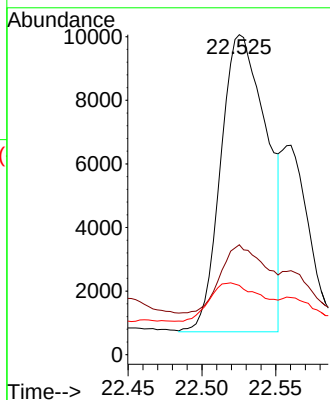
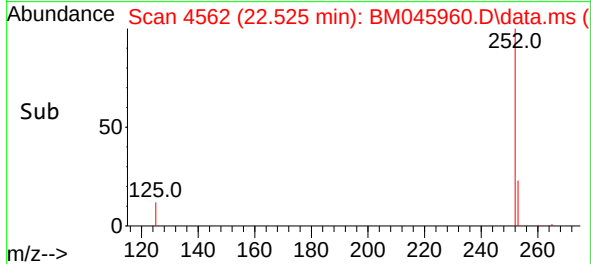
Instrument :
BNA_M
ClientSampleId :
A4BH3



Tgt Ion:252 Resp: 20289
Ion Ratio Lower Upper
252 100
253 34.3 0.0 63.6
125 21.7 0.0 35.8

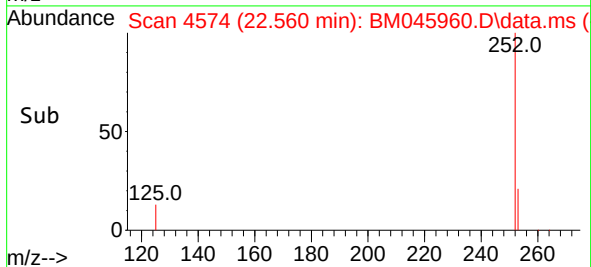
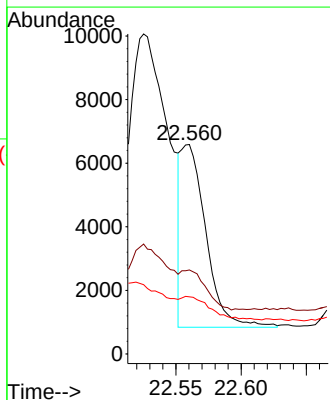
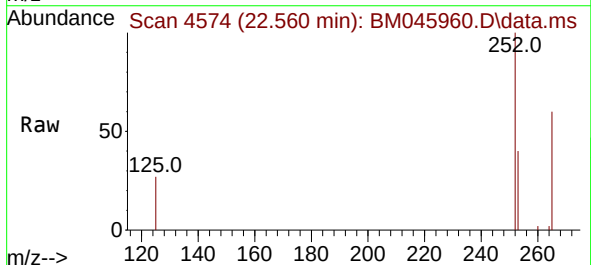
Manual Integrations
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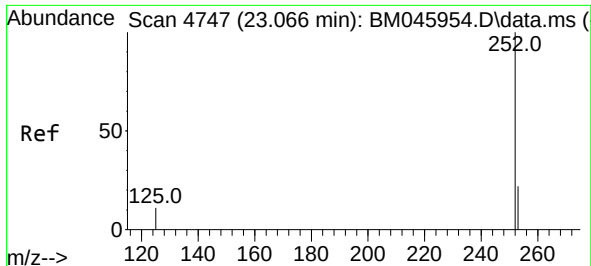
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.185 ng/ul m
RT: 22.560 min Scan# 4574
Delta R.T. -0.021 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

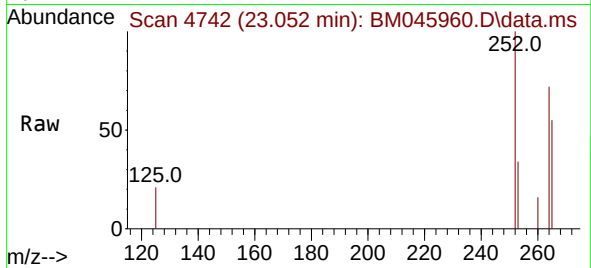
Tgt Ion:252 Resp: 7639
Ion Ratio Lower Upper
252 100
253 40.1 25.0 37.6#
125 27.3 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.052 min Scan# 4742
Delta R.T. -0.020 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

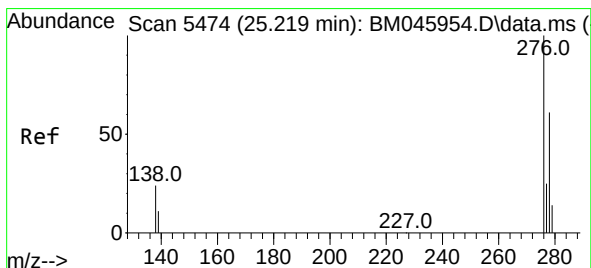
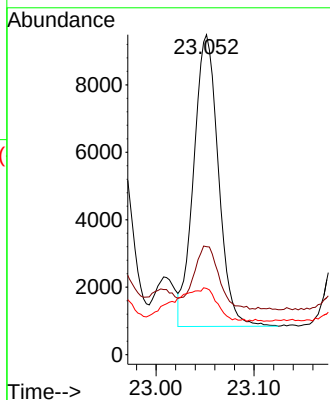
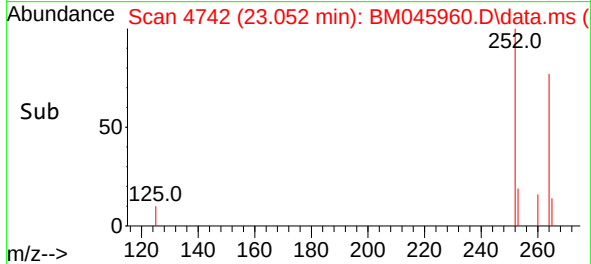
Instrument :
BNA_M
ClientSampleId :
A4BH3



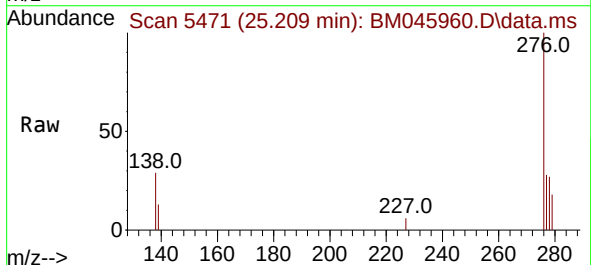
Tgt Ion:252 Resp: 1516
Ion Ratio Lower Upper
252 100
253 33.8 28.8 43.2
125 20.7 17.3 25.9

Manual Integrations
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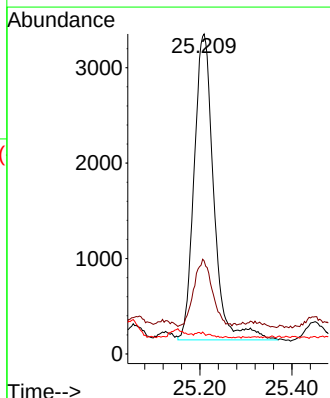
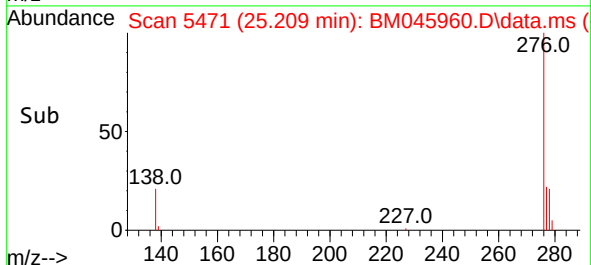
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

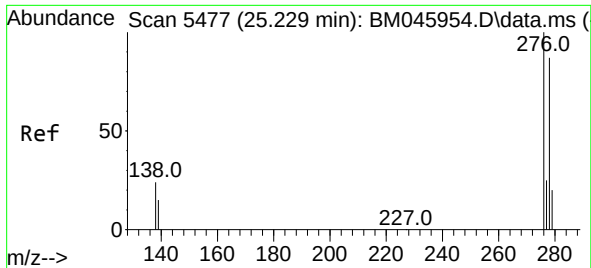


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.196 ng/ul
RT: 25.209 min Scan# 5471
Delta R.T. -0.023 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47



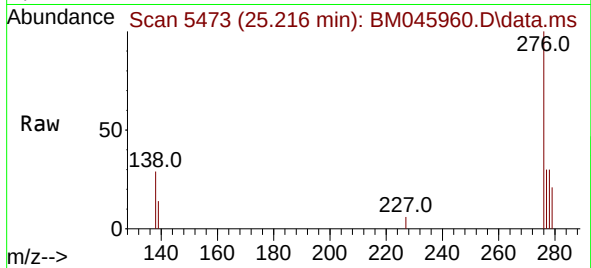
Tgt Ion:276 Resp: 9457
Ion Ratio Lower Upper
276 100
138 20.6 20.7 31.1#
227 1.2 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.216 min Scan# 5473
Delta R.T. -0.033 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

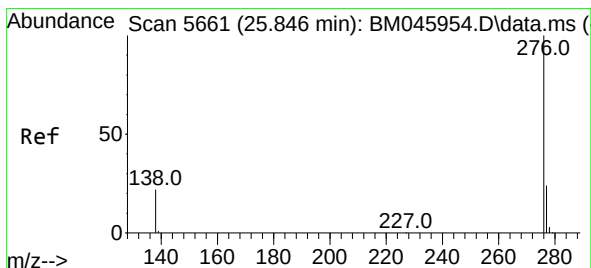
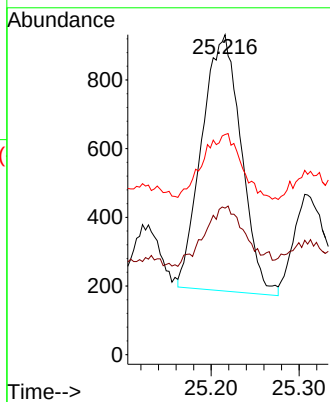
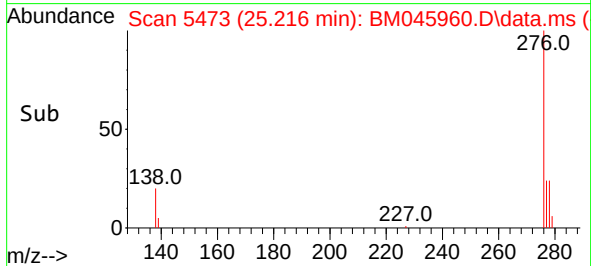
Instrument :
BNA_M
ClientSampleId :
A4BH3



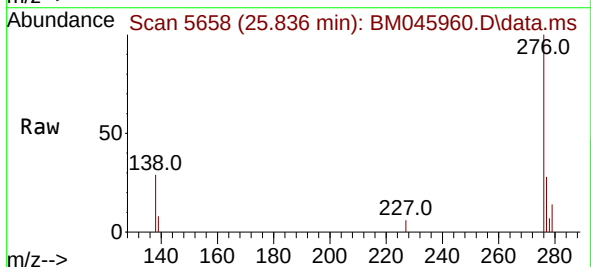
Tgt Ion:278 Resp: 2319
Ion Ratio Lower Upper
278 100
139 45.8 16.6 25.0
279 68.8 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.222 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.026 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47



Tgt Ion:276 Resp: 9247
Ion Ratio Lower Upper
276 100
138 29.3 21.0 31.4
277 27.8 20.5 30.7

