

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045908.D
 Acq On : 08 Jun 2024 10:10
 Operator : MA/JU
 Sample : P2640-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BG8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:27:17 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 : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	5814	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.232	136	19935	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	10586	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	22795m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.046	240	17528m	0.400	ng/ul	0.00
23) Perylene-d12	23.153	264	18658m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	32478	4.905	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	8062	0.281	ng/ul	0.00
18) Fluoranthene-d10	18.881	212	16827m	0.321	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.282	128	5918	0.114	ng/ul	96
7) 2-Methylnaphthalene	11.915	142	2107	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.135	142	1776	0.049	ng/ul	98
10) Acenaphthylene	13.826	152	9547	0.198	ng/ul	99
11) Acenaphthene	14.173	153	6514	0.184	ng/ul	100
12) Fluorene	15.163	166	7361	0.186	ng/ul	97
15) Phenanthrene	16.892	178	157981m	2.468	ng/ul	
16) Anthracene	16.981	178	25618m	0.469	ng/ul	
19) Fluoranthene	18.914	202	296027m	4.235	ng/ul	
20) Pyrene	19.276	202	216556m	2.970	ng/ul	
21) Benzo(a)anthracene	21.029	228	135267m	2.102	ng/ul	
22) Chrysene	21.081	228	148347m	2.118	ng/ul	
24) Benzo(b)fluoranthene	22.531	252	194204m	3.138	ng/ul	
25) Benzo(k)fluoranthene	22.569	252	62651m	0.921	ng/ul	
26) Benzo(a)pyrene	23.060	252	72220m	1.173	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.215	276	65833m	0.827	ng/ul	
28) Dibenzo(a,h)anthracene	25.222	278	22718m	0.357	ng/ul	
29) Benzo(g,h,i)perylene	25.846	276	10386m	0.151	ng/ul	

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

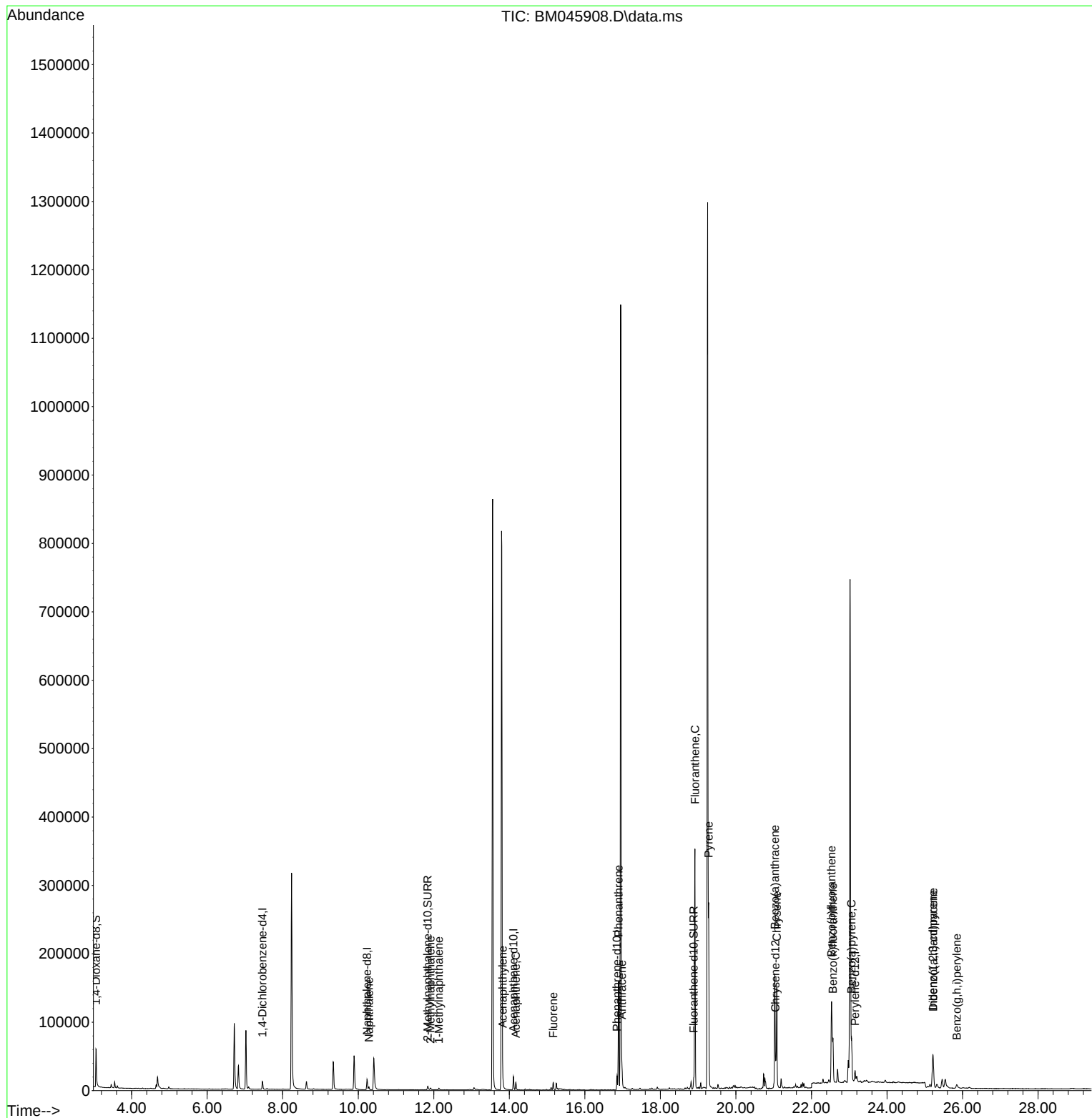
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

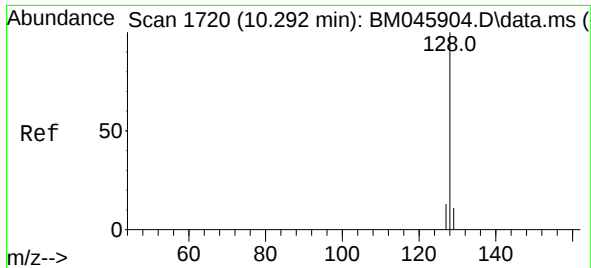
Instrument :
BNA_M
ClientSampleId :
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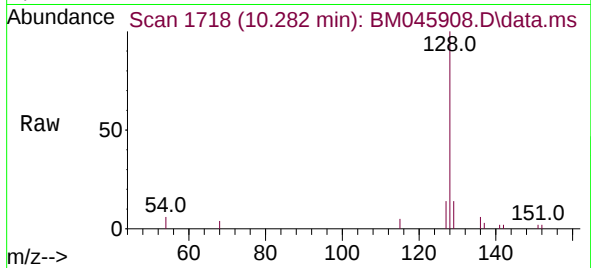
Quant Time: Jun 10 01:27:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.114 ng/ul
RT: 10.282 min Scan# 1718
Delta R.T. -0.021 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

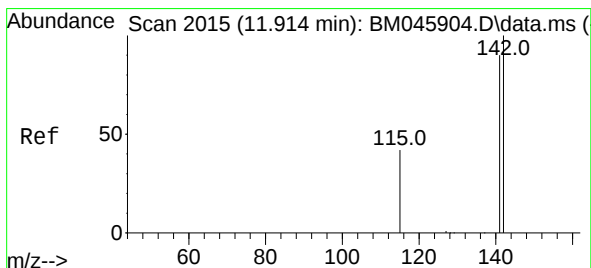
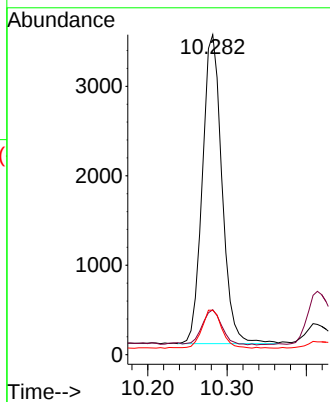
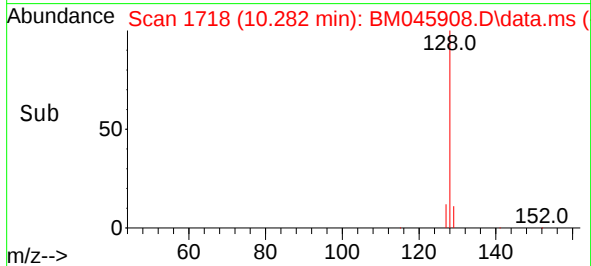
Instrument :
BNA_M
ClientSampleId :
A4BG8



Tgt Ion:128 Resp: 5918
Ion Ratio Lower Upper
128 100
129 14.0 9.4 14.0
127 13.9 10.6 15.8

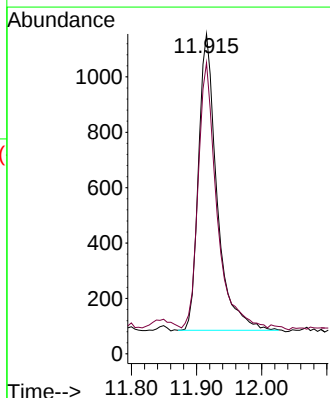
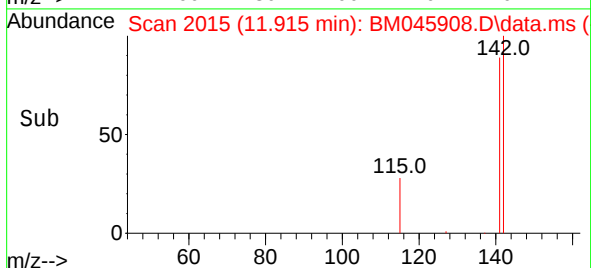
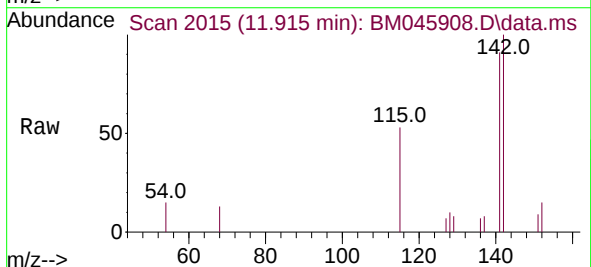
Manual Integrations
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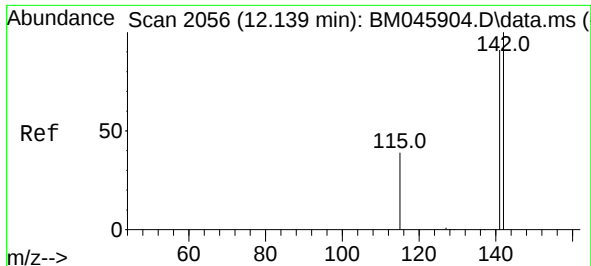
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 11.915 min Scan# 2015
Delta R.T. -0.004 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

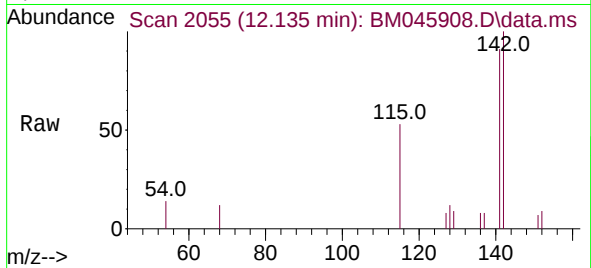
Tgt Ion:142 Resp: 2107
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.135 min Scan# 2055
Delta R.T. -0.010 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

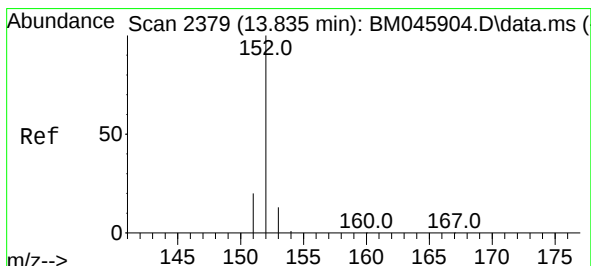
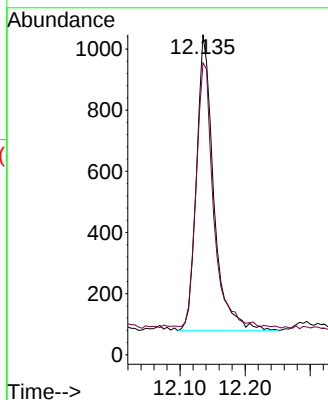
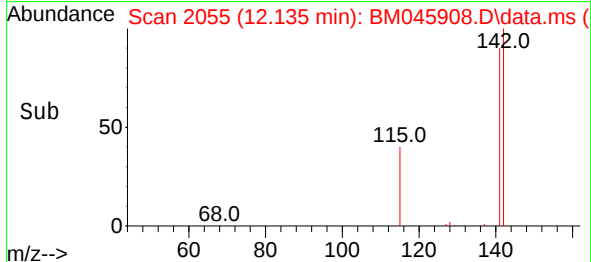
Instrument :
BNA_M
ClientSampleId :
A4BG8



Tgt Ion:142 Resp: 1770
Ion Ratio Lower Upper
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141 89.5 73.5 110.3

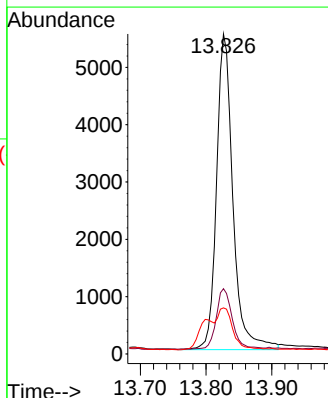
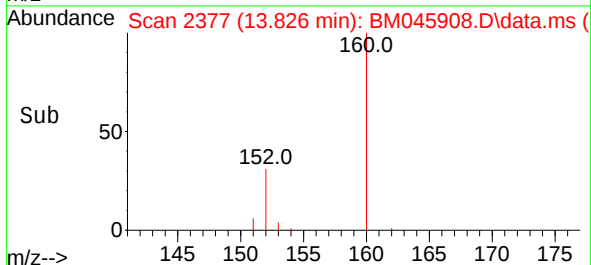
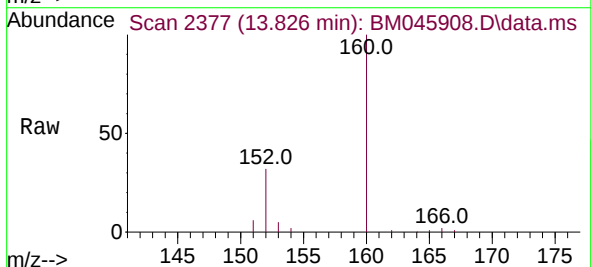
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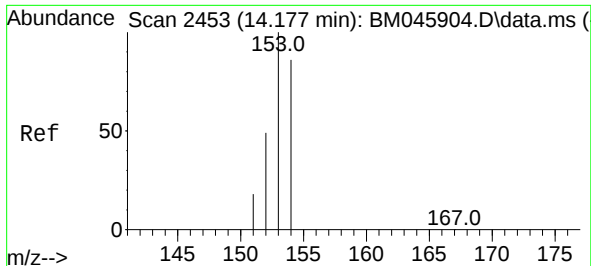
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.198 ng/ul
RT: 13.826 min Scan# 2377
Delta R.T. -0.013 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

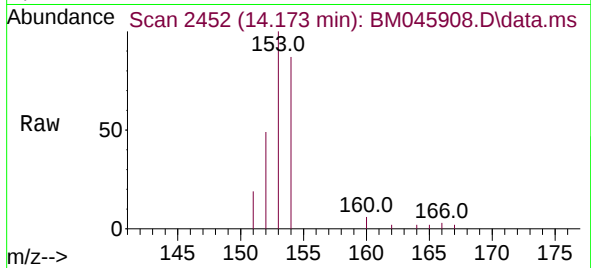
Tgt Ion:152 Resp: 9547
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 14.4 11.1 16.7





#11
Acenaphthene
Concen: 0.184 ng/ul
RT: 14.173 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

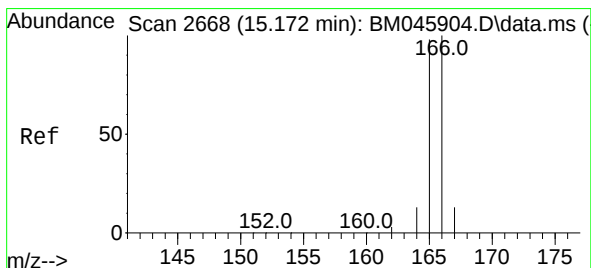
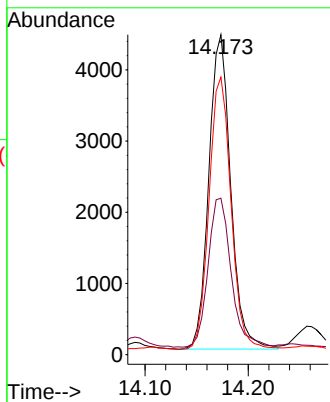
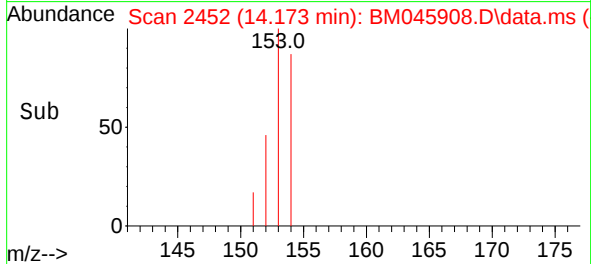
Instrument :
BNA_M
ClientSampleId :
A4BG8



Tgt Ion:153 Resp: 6514
Ion Ratio Lower Upper
153 100
152 48.9 39.0 58.4
154 86.8 69.4 104.2

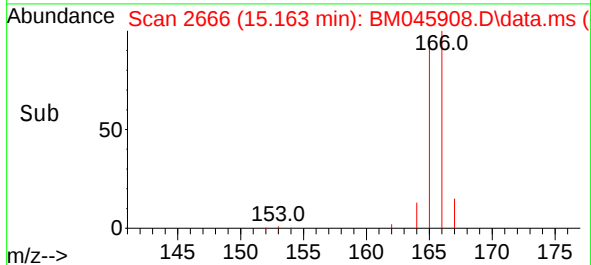
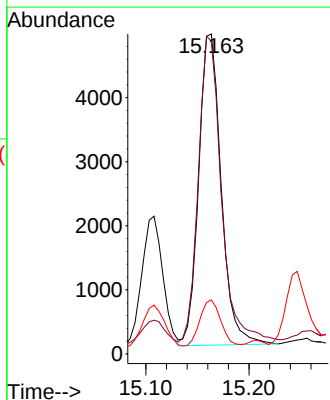
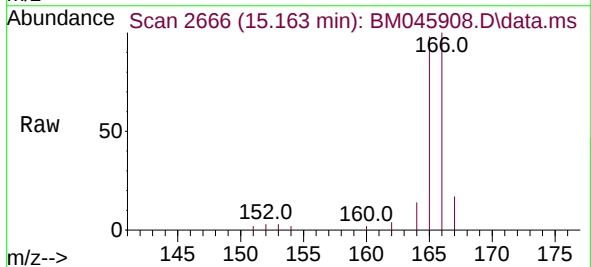
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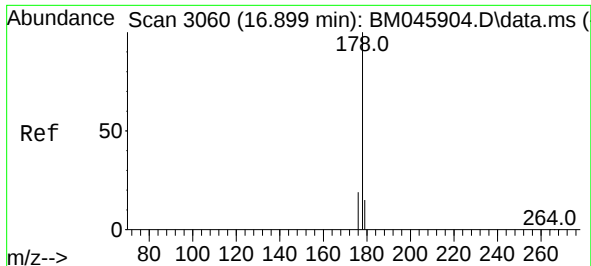
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.186 ng/ul
RT: 15.163 min Scan# 2666
Delta R.T. -0.013 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

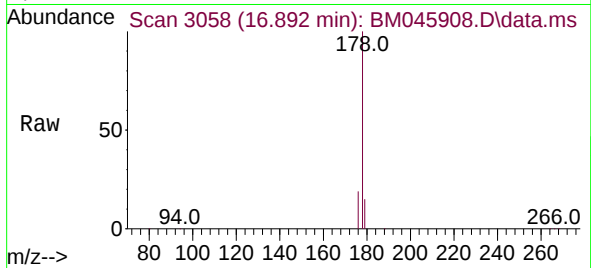
Tgt Ion:166 Resp: 7361
Ion Ratio Lower Upper
166 100
165 97.7 79.7 119.5
167 16.9 11.3 16.9





#15
Phenanthrene
Concen: 2.468 ng/ul m
RT: 16.892 min Scan# 3060
Delta R.T. -0.012 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

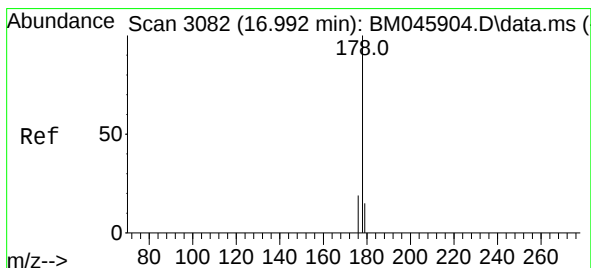
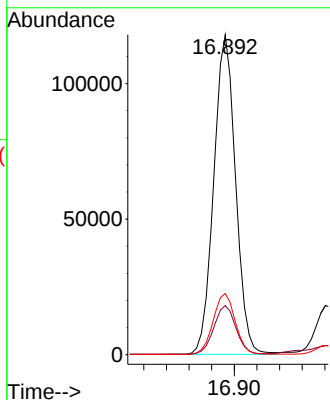
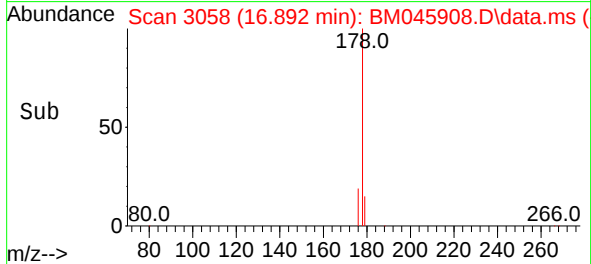
Instrument :
BNA_M
ClientSampleId :
A4BG8



Tgt Ion:178 Resp: 15798
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.1 15.6 23.4

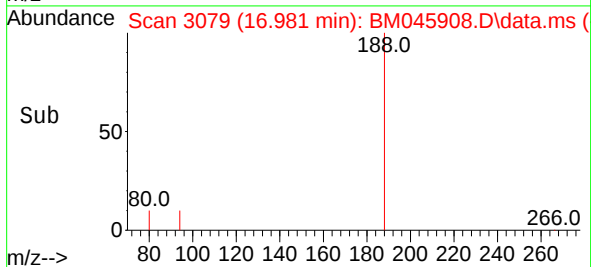
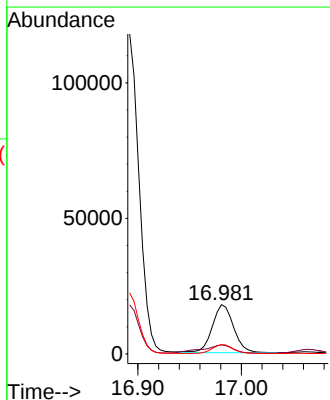
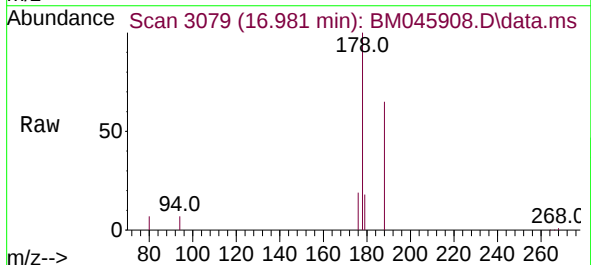
Manual Integrations
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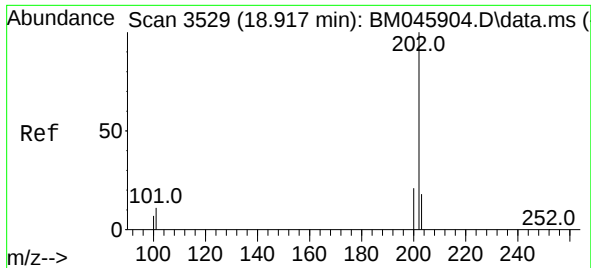
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.469 ng/ul m
RT: 16.981 min Scan# 3079
Delta R.T. -0.016 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

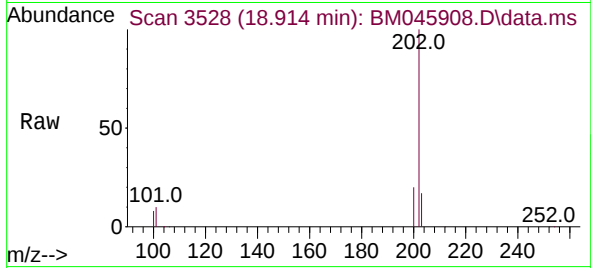
Tgt Ion:178 Resp: 25618
Ion Ratio Lower Upper
178 100
179 18.4 13.1 19.7
176 18.9 15.5 23.3





#19
Fluoranthene
Concen: 4.235 ng/ul m
RT: 18.914 min Scan# 3529
Delta R.T. -0.008 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

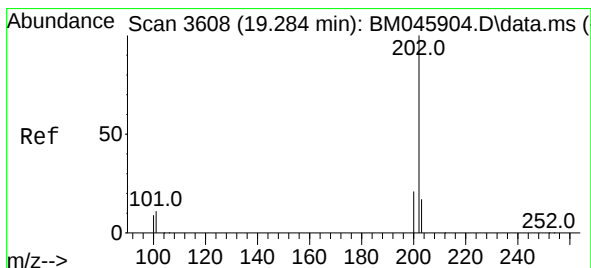
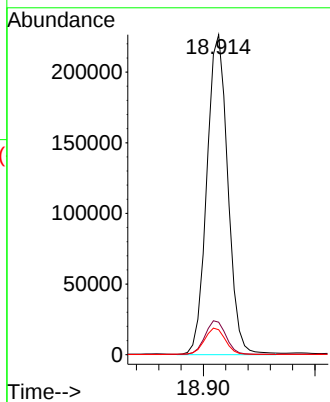
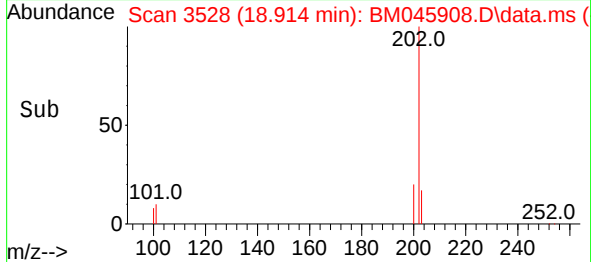
Instrument :
BNA_M
ClientSampleId :
A4BG8



Tgt Ion:202 Resp: 29602
Ion Ratio Lower Upper
202 100
101 10.2 9.0 13.6
100 7.8 7.0 10.6

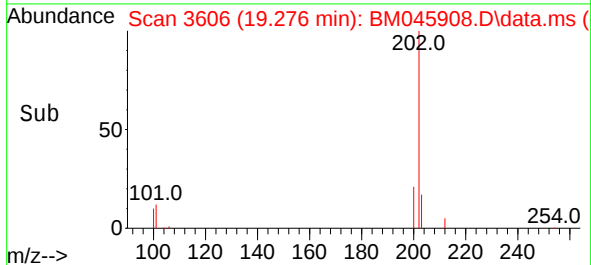
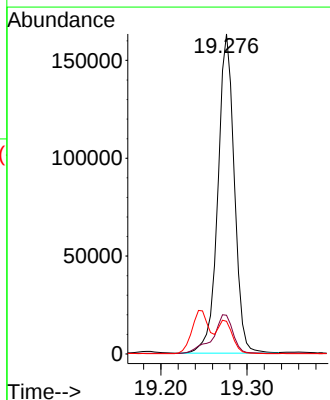
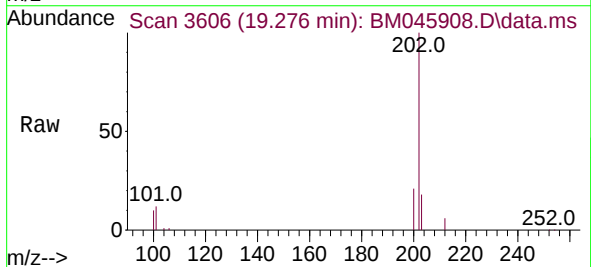
Manual Integrations
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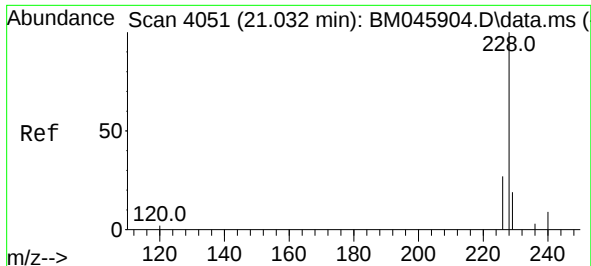
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 2.970 ng/ul m
RT: 19.276 min Scan# 3606
Delta R.T. -0.008 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

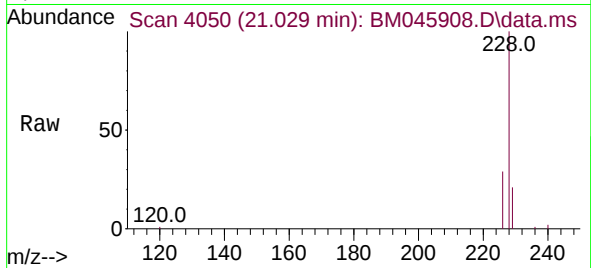
Tgt Ion:202 Resp: 216556
Ion Ratio Lower Upper
202 100
101 12.1 10.6 16.0
100 10.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.102 ng/ul m
RT: 21.029 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

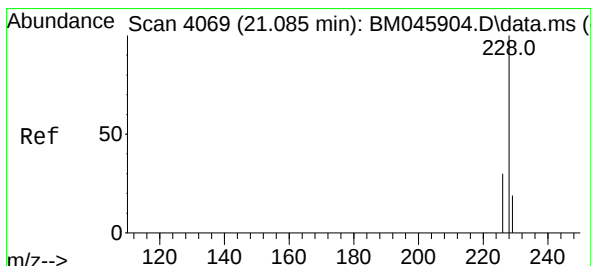
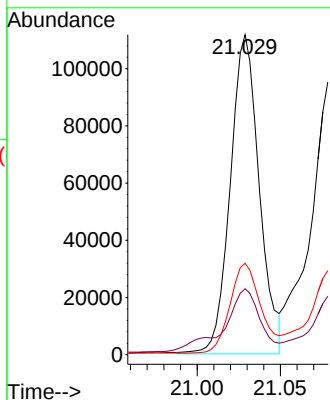
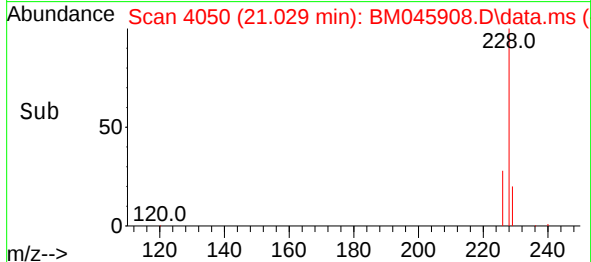
Instrument :
BNA_M
ClientSampleId :
A4BG8



Tgt Ion:228 Resp: 13526
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.6 22.0 33.0

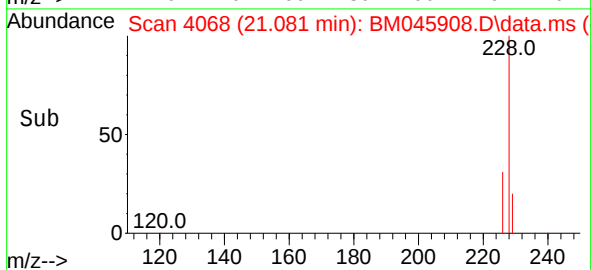
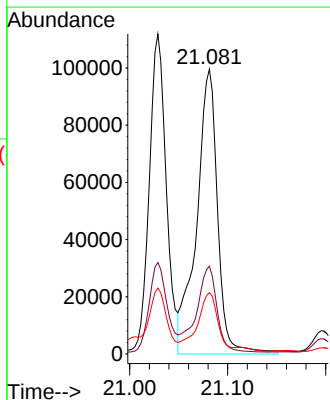
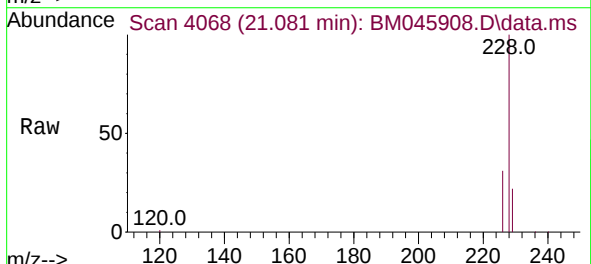
Manual Integrations
APPROVED

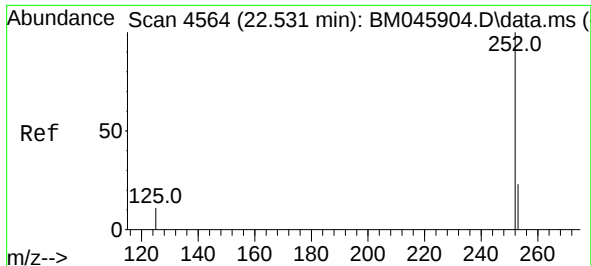
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 2.118 ng/ul m
RT: 21.081 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

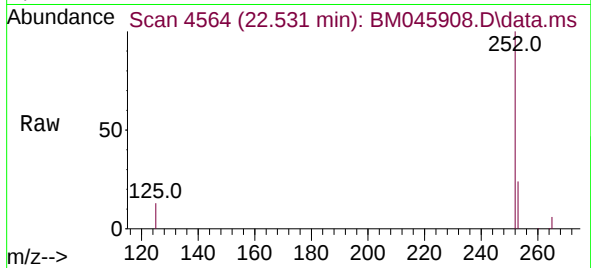
Tgt Ion:228 Resp: 148347
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.5 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 3.138 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

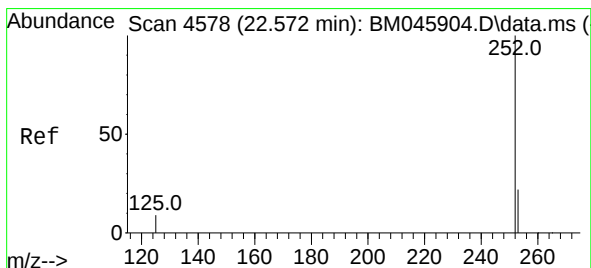
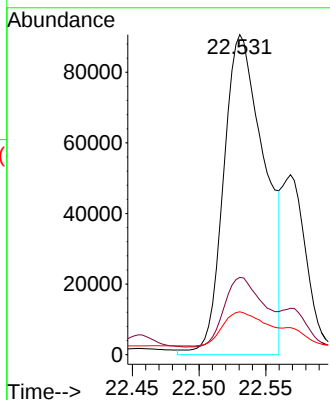
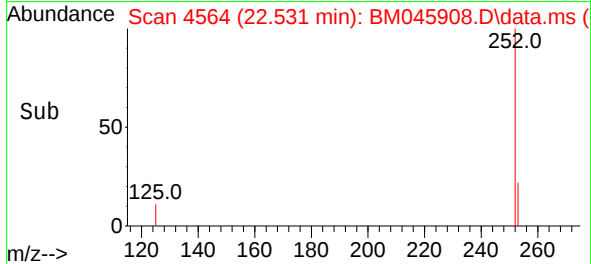
Instrument :
BNA_M
ClientSampleId :
A4BG8



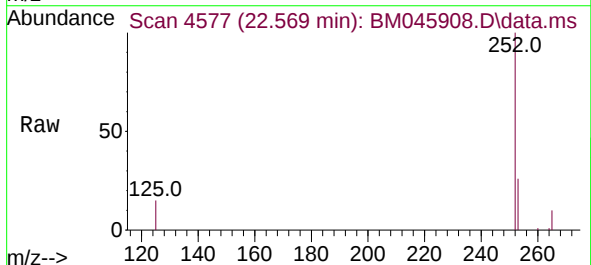
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Ion Ratio Lower Upper
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253 24.1 0.0 63.6
125 13.4 0.0 35.8

Manual Integrations
APPROVED

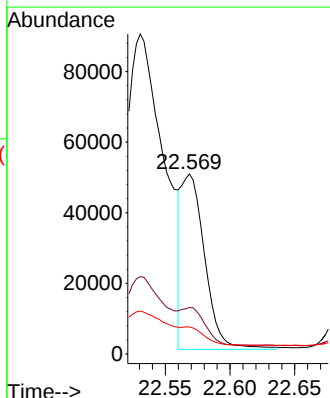
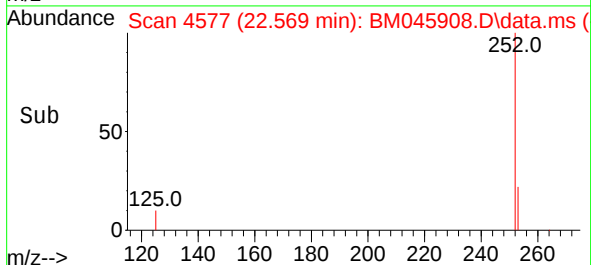
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

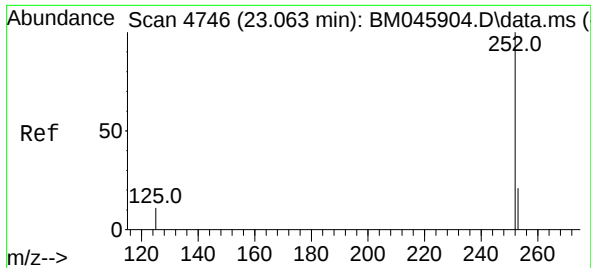


#25
Benzo(k)fluoranthene
Concen: 0.921 ng/ul m
RT: 22.569 min Scan# 4577
Delta R.T. -0.012 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10



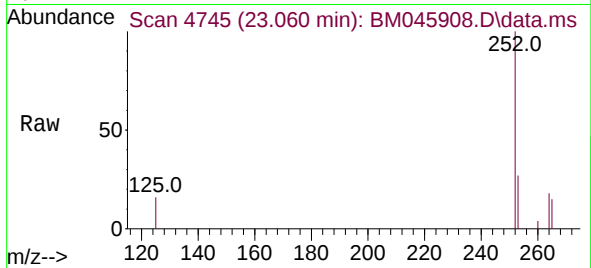
Tgt Ion:252 Resp: 62651
Ion Ratio Lower Upper
252 100
253 25.7 25.0 37.6
125 15.0 14.2 21.2





#26
Benzo(a)pyrene
Concen: 1.173 ng/ul m
RT: 23.060 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

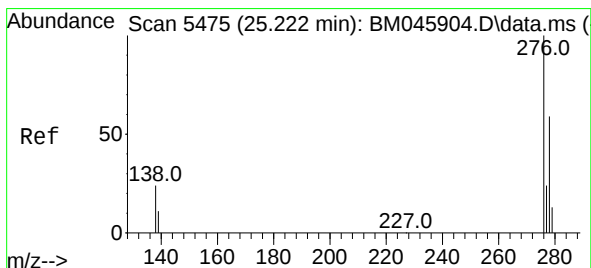
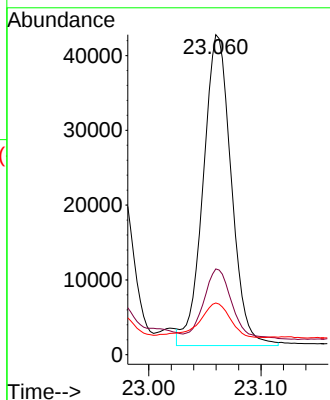
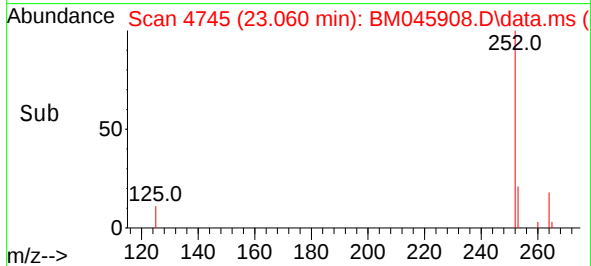
Instrument :
BNA_M
ClientSampleId :
A4BG8



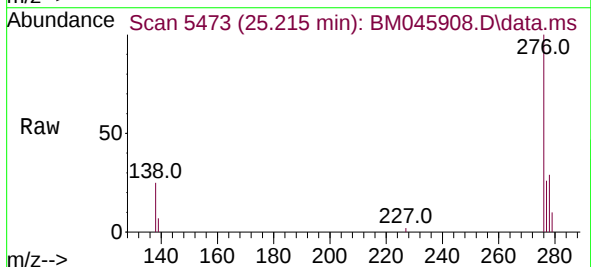
Tgt Ion:252 Resp: 72220
Ion Ratio Lower Upper
252 100
253 26.8 28.8 43.2#
125 16.2 17.3 25.9#

Manual Integrations
APPROVED

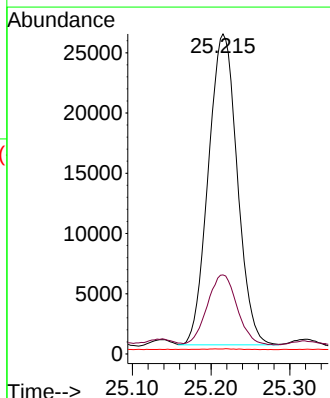
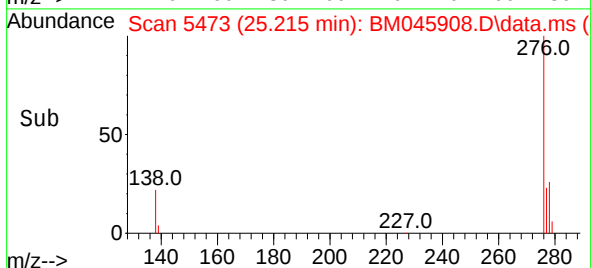
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

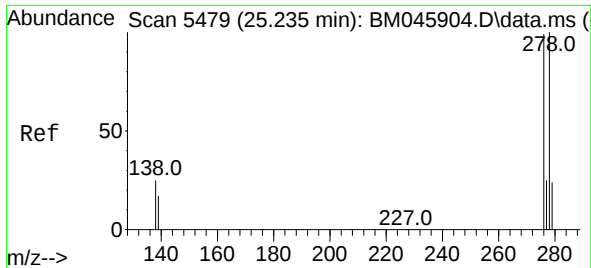


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.827 ng/ul m
RT: 25.215 min Scan# 5473
Delta R.T. -0.017 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10



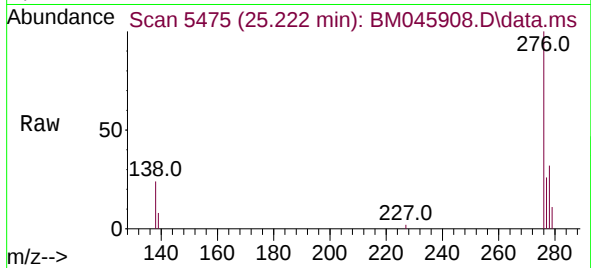
Tgt Ion:276 Resp: 65833
Ion Ratio Lower Upper
276 100
138 3.4 20.7 31.1#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul m
RT: 25.222 min Scan# 5475
Delta R.T. -0.027 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

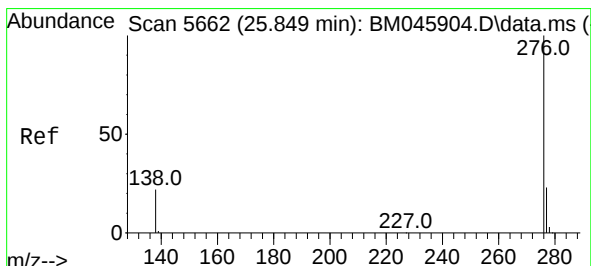
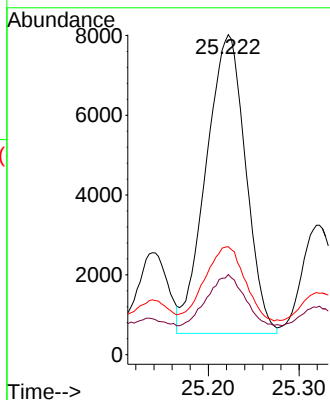
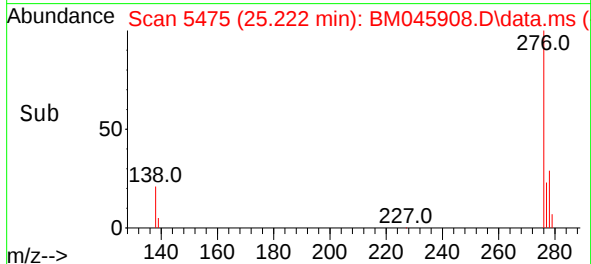
Instrument :
BNA_M
ClientSampleId :
A4BG8



Tgt Ion:278 Resp: 22718
Ion Ratio Lower Upper
278 100
139 25.0 16.6 25.0#
279 33.8 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.151 ng/ul m
RT: 25.846 min Scan# 5661
Delta R.T. -0.017 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Tgt Ion:276 Resp: 10386
Ion Ratio Lower Upper
276 100
138 34.6 21.0 31.4#
277 32.6 20.5 30.7#

