

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046095.D
 Acq On : 19 Jun 2024 20:41
 Operator : MA/JU
 Sample : P2695-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 22:50:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	2350	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.205	136	6467	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.076	164	3527	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.820	188	7529m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	6559m	0.400	ng/ul	-0.02
23) Perylene-d12	23.115	264	7353m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	12789	3.967	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.833	152	2410	0.278	ng/ul	-0.03
18) Fluoranthene-d10	18.853	212	6324	0.322	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.254	128	2386	0.132	ng/ul	96
7) 2-Methylnaphthalene	11.910	142	677	0.067	ng/ul	97
8) 1-Methylnaphthalene	12.119	142	571	0.051	ng/ul	98
10) Acenaphthylene	13.794	152	5045	0.302	ng/ul	98
11) Acenaphthene	14.141	153	2450	0.203	ng/ul	99
12) Fluorene	15.131	166	3019	0.233	ng/ul	99
15) Phenanthrene	16.858	178	73201m	3.461	ng/ul	
16) Anthracene	16.951	178	13313m	0.845	ng/ul	
19) Fluoranthene	18.881	202	179508	6.321	ng/ul	97
20) Pyrene	19.244	202	124213	4.044	ng/ul	96
21) Benzo(a)anthracene	21.003	228	78920m	3.115	ng/ul	
22) Chrysene	21.055	228	91587	2.833	ng/ul	98
24) Benzo(b)fluoranthene	22.495	252	134973m	5.095	ng/ul	
25) Benzo(k)fluoranthene	22.533	252	45631m	1.449	ng/ul	
26) Benzo(a)pyrene	23.025	252	47714	1.944	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.158	276	51385	1.279	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.162	278	16647	0.557	ng/ul	97
29) Benzo(g,h,i)perylene	25.785	276	7795	0.226	ng/ul#	87

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

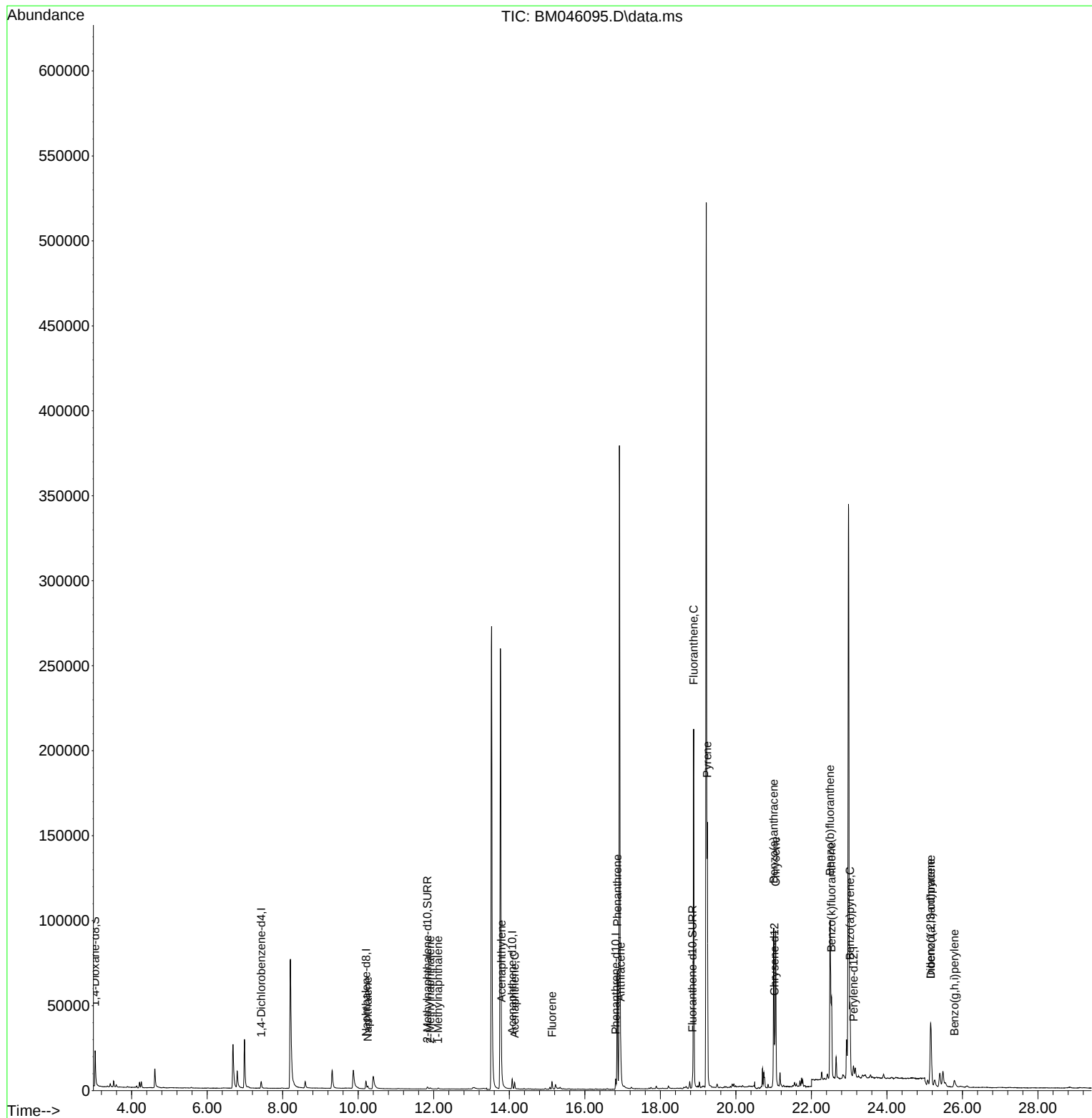
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046095.D
Acq On : 19 Jun 2024 20:41
Operator : MA/JU
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ALS Vial : 11 Sample Multiplier: 1

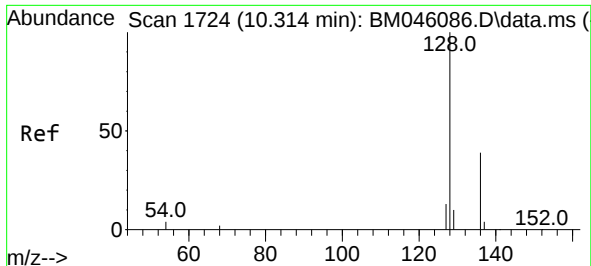
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Supervised By :mohammad ahmed 06/21/2024

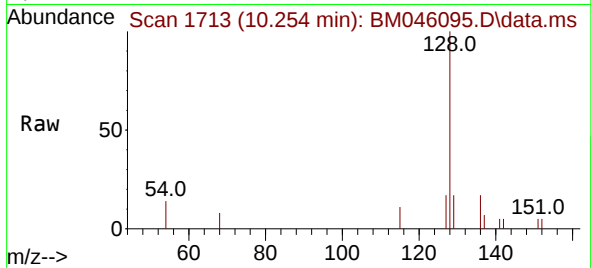
Quant Time: Jun 19 22:50:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.132 ng/ul
RT: 10.254 min Scan# 1713
Delta R.T. -0.048 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

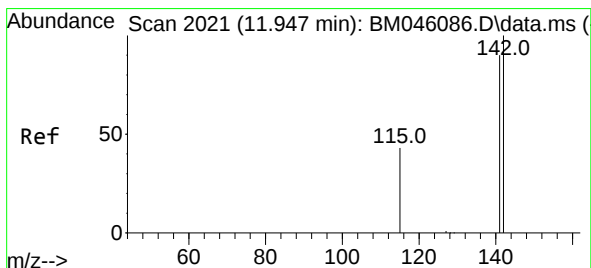
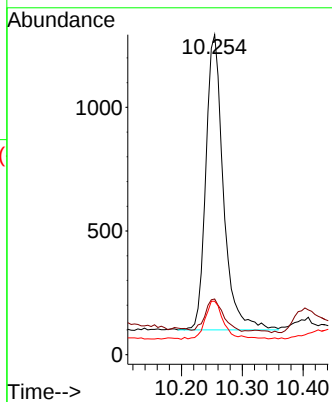
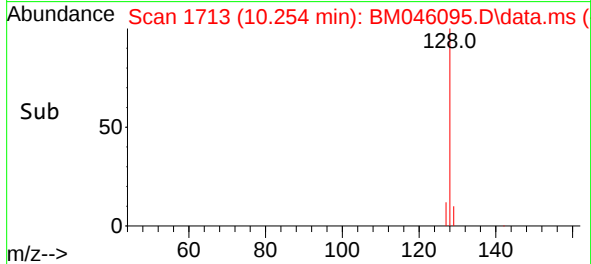
Instrument :
BNA_M
ClientSampleId :
A4BK3



Tgt Ion:128 Resp: 2380
Ion Ratio Lower Upper
128 100
129 17.4 11.8 17.6
127 16.7 12.8 19.2

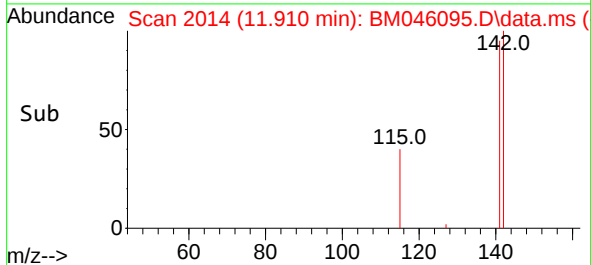
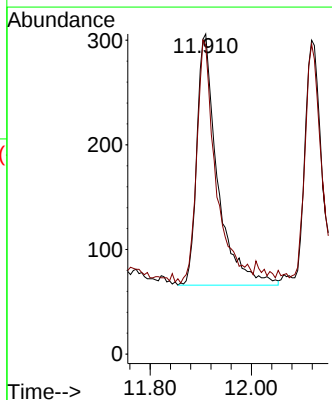
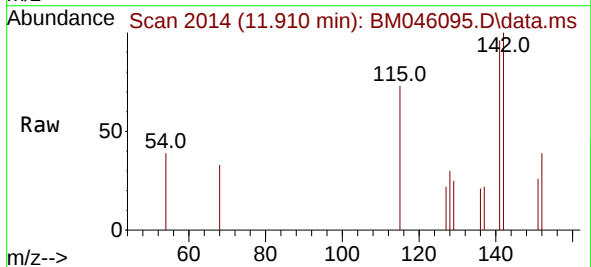
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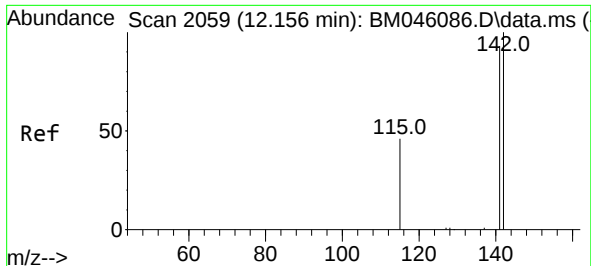
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.037 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

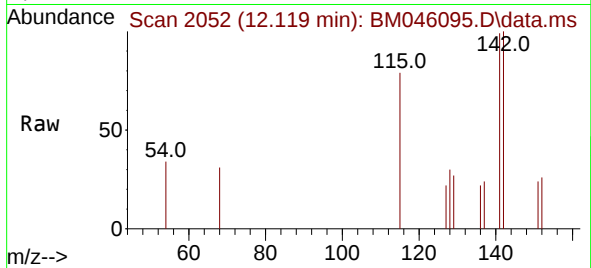
Tgt Ion:142 Resp: 677
Ion Ratio Lower Upper
142 100
141 90.4 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.032 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

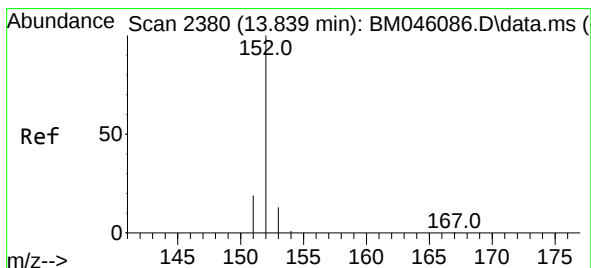
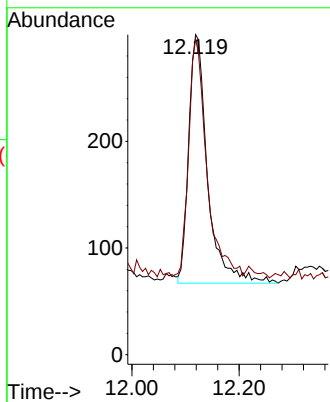
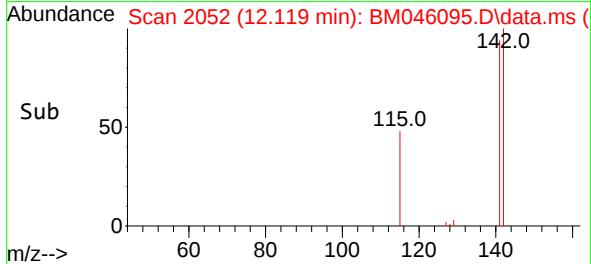
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
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141 91.6 75.2 112.8

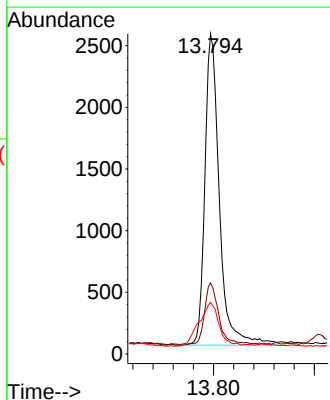
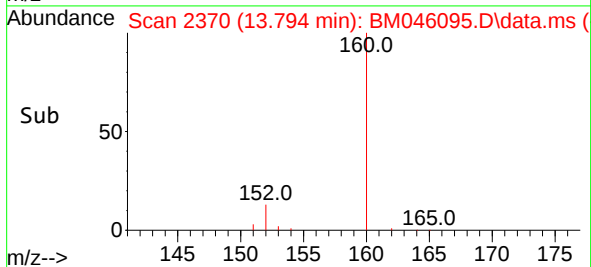
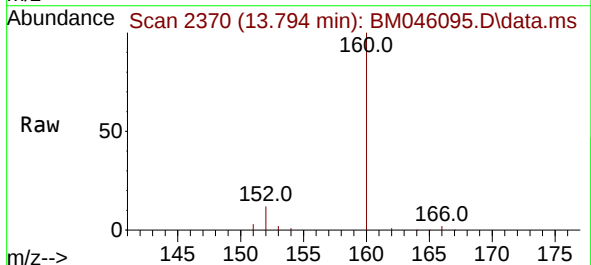
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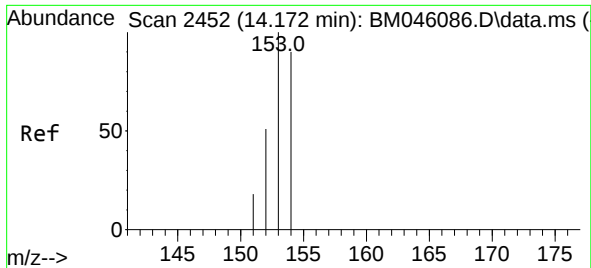
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.302 ng/ul
RT: 13.794 min Scan# 2370
Delta R.T. -0.040 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

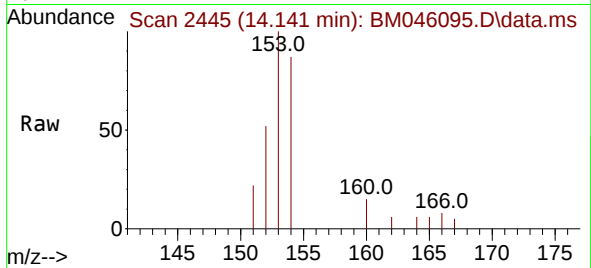
Tgt Ion:152 Resp: 5045
Ion Ratio Lower Upper
152 100
151 22.2 17.4 26.2
153 16.1 11.8 17.8





#11
Acenaphthene
Concen: 0.203 ng/u1
RT: 14.141 min Scan# 2445
Delta R.T. -0.031 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

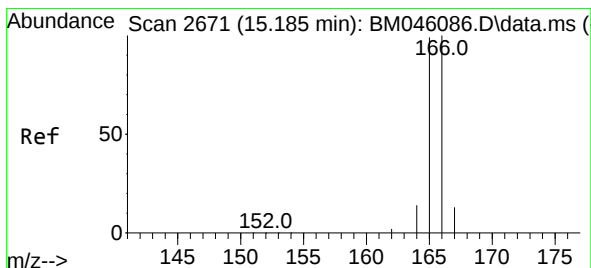
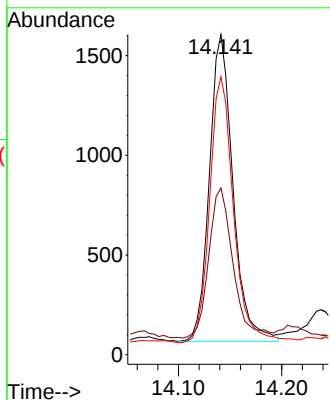
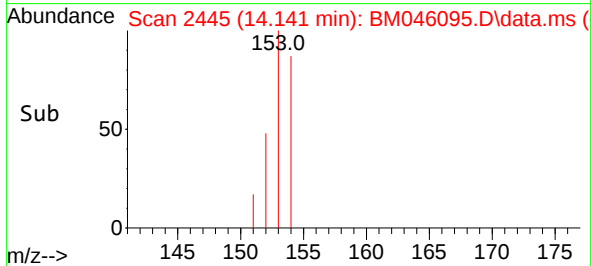
Instrument :
BNA_M
ClientSampleId :
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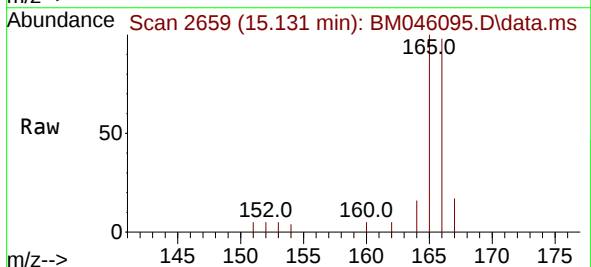
Tgt Ion:153 Resp: 2450
Ion Ratio Lower Upper
153 100
152 52.1 41.3 61.9
154 86.8 68.2 102.4

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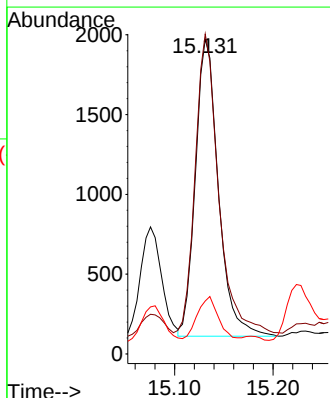
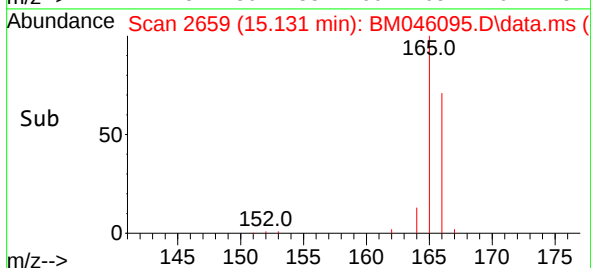
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

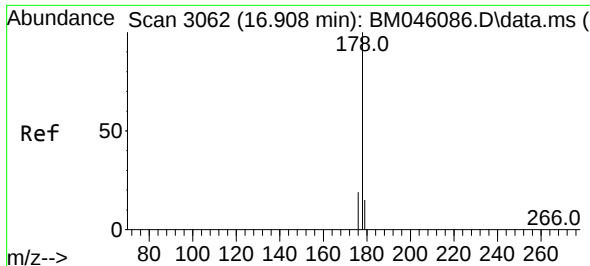


#12
Fluorene
Concen: 0.233 ng/u1
RT: 15.131 min Scan# 2659
Delta R.T. -0.050 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41



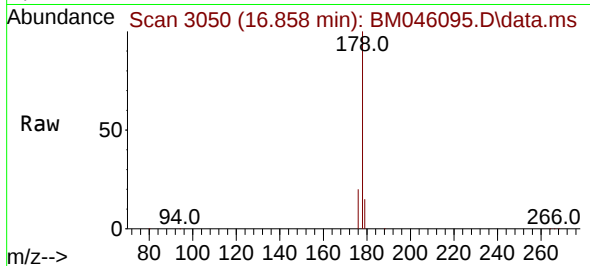
Tgt Ion:166 Resp: 3019
Ion Ratio Lower Upper
166 100
165 101.7 80.4 120.6
167 16.8 12.4 18.6





#15
Phenanthrene
Concen: 3.461 ng/ul m
RT: 16.858 min Scan# 3072
Delta R.T. -0.045 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

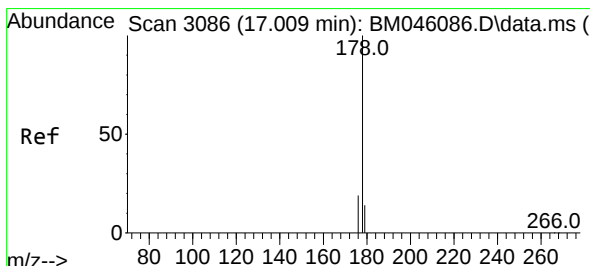
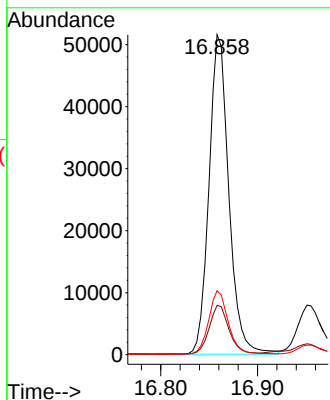
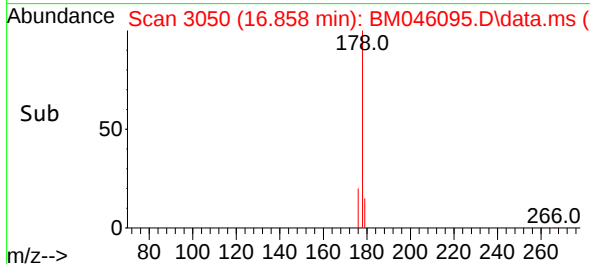
Instrument :
BNA_M
ClientSampleId :
A4BK3



Tgt Ion:178 Resp: 7320
Ion Ratio Lower Upper
178 100
179 15.4 14.2 21.2
176 20.0 17.1 25.7

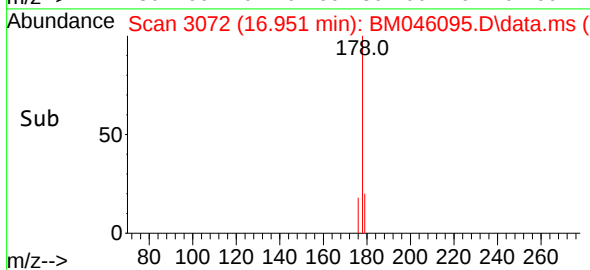
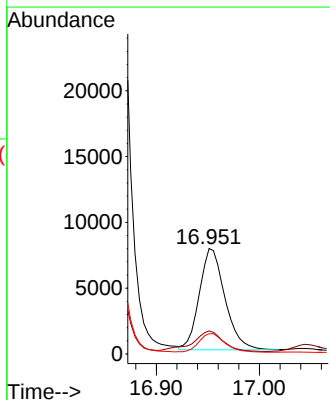
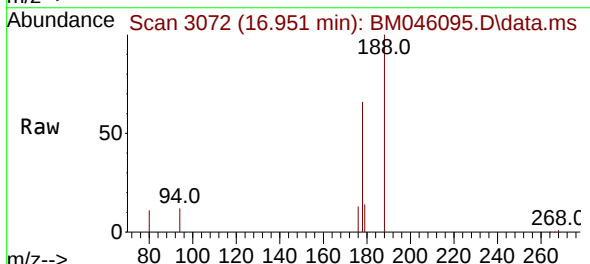
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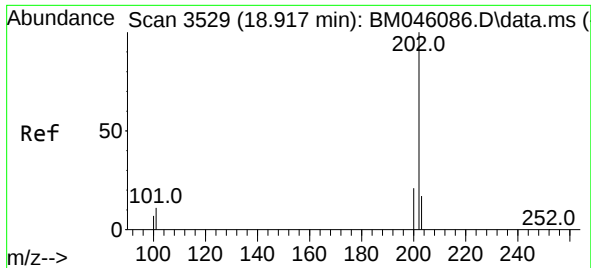
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 0.845 ng/ul m
RT: 16.951 min Scan# 3072
Delta R.T. -0.054 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

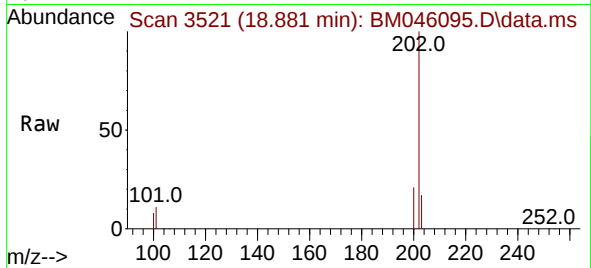
Tgt Ion:178 Resp: 13313
Ion Ratio Lower Upper
178 100
179 21.9 14.9 22.3
176 19.1 17.0 25.4





#19
Fluoranthene
Concen: 6.321 ng/u1
RT: 18.881 min Scan# 3521
Delta R.T. -0.036 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

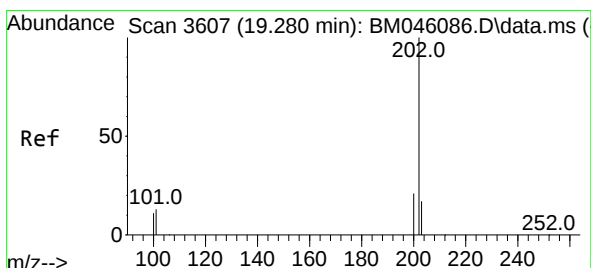
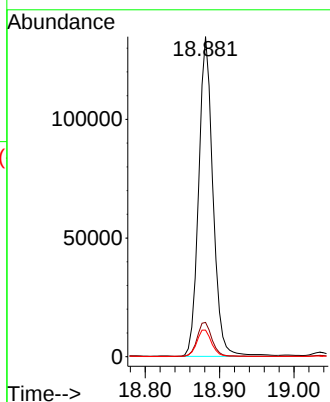
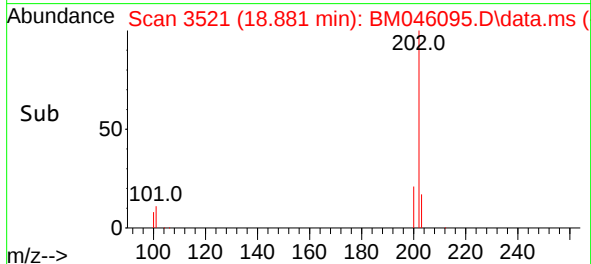
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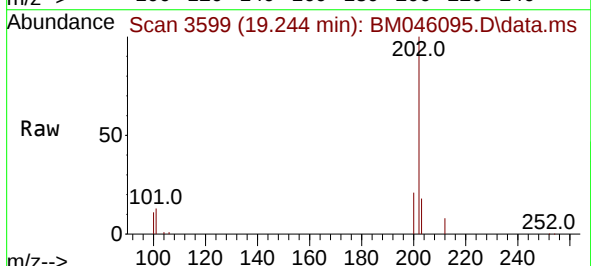
Tgt Ion:202 Resp: 179508
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
100 8.3 7.6 11.4

Manual Integrations
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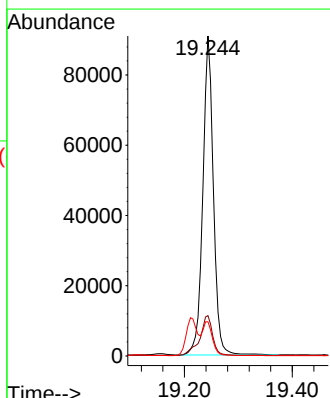
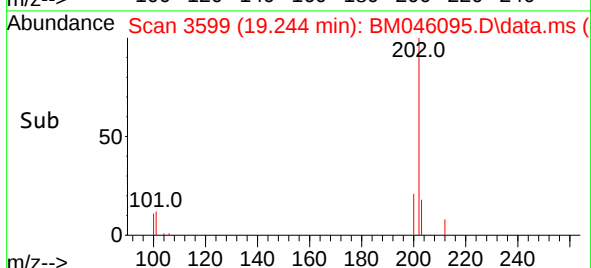
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

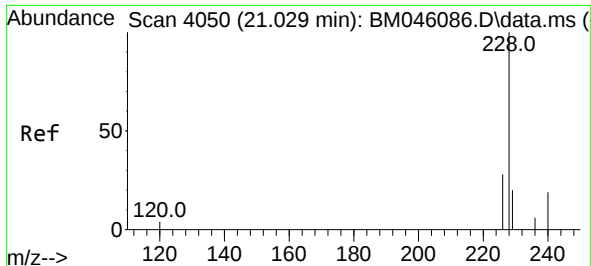


#20
Pyrene
Concen: 4.044 ng/u1
RT: 19.244 min Scan# 3599
Delta R.T. -0.031 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41



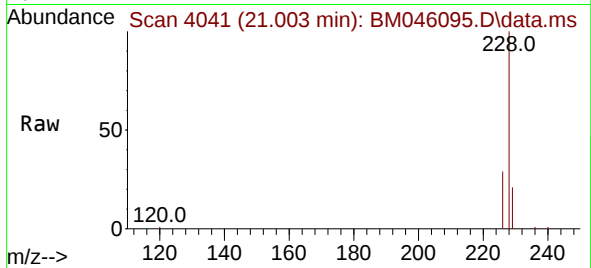
Tgt Ion:202 Resp: 124213
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 10.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.115 ng/ul m
RT: 21.003 min Scan# 4050
Delta R.T. -0.027 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

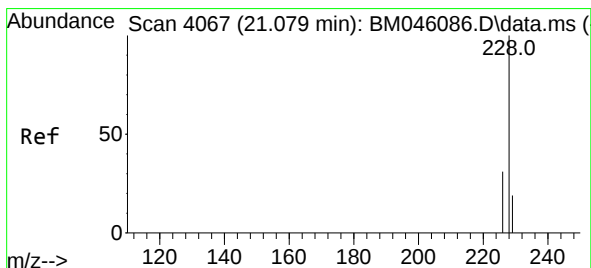
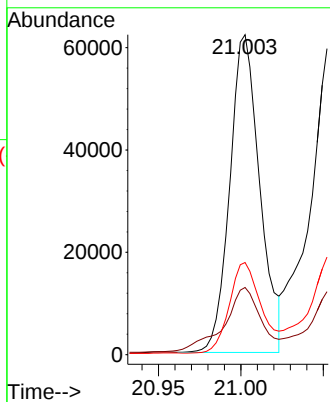
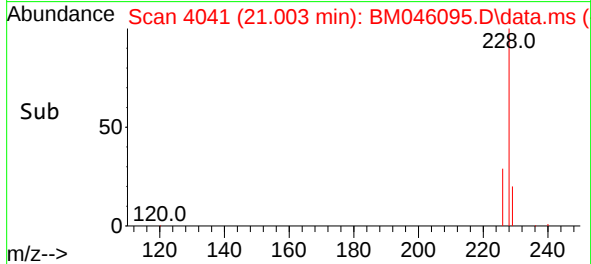
Instrument :
BNA_M
ClientSampleId :
A4BK3



Tgt Ion:228 Resp: 78920
Ion Ratio Lower Upper
228 100
229 21.0 16.4 24.6
226 28.8 23.4 35.2

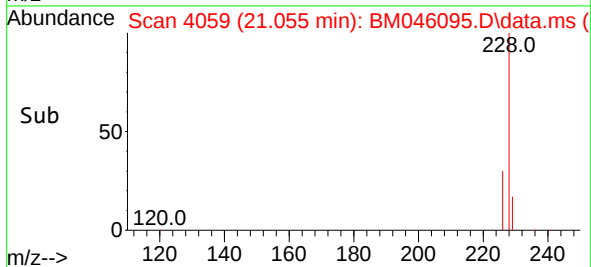
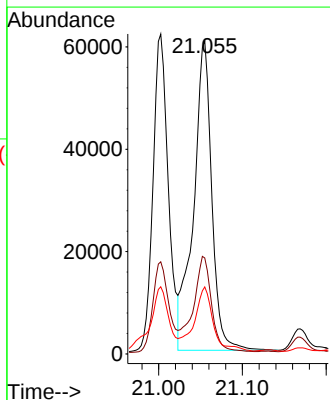
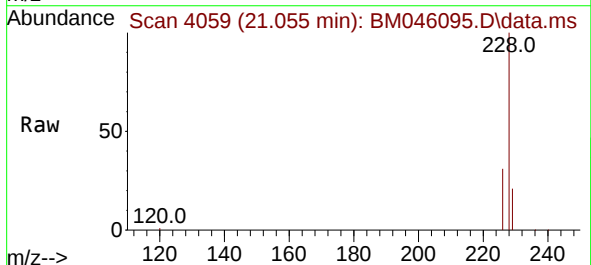
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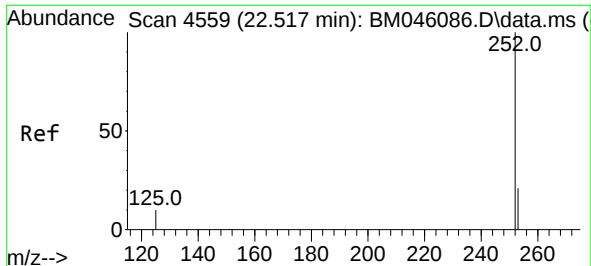
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 2.833 ng/ul
RT: 21.055 min Scan# 4059
Delta R.T. -0.021 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

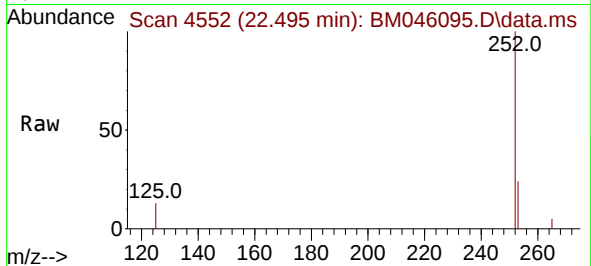
Tgt Ion:228 Resp: 91587
Ion Ratio Lower Upper
228 100
226 30.6 25.2 37.8
229 21.4 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 5.095 ng/ul m
RT: 22.495 min Scan# 4552
Delta R.T. -0.024 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

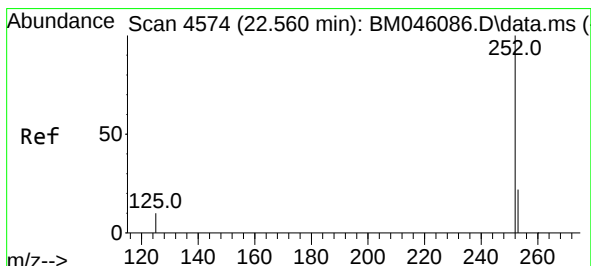
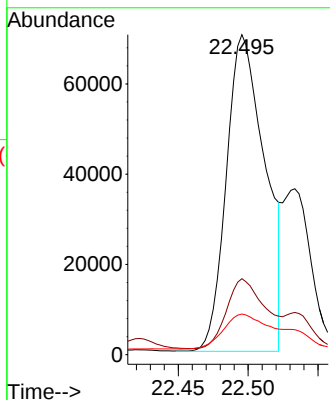
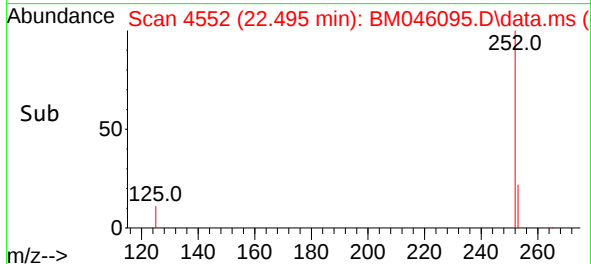
Instrument :
BNA_M
ClientSampleId :
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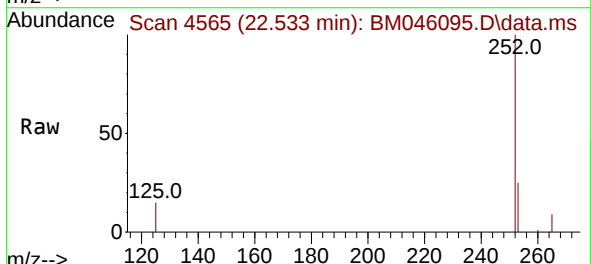
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Ion Ratio Lower Upper
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125 12.7 0.0 40.2

Manual Integrations
APPROVED

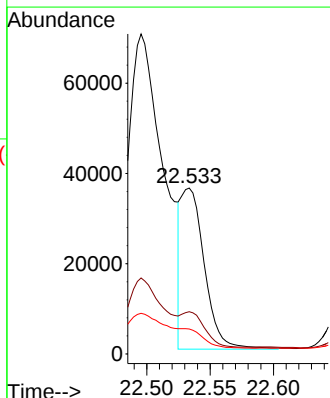
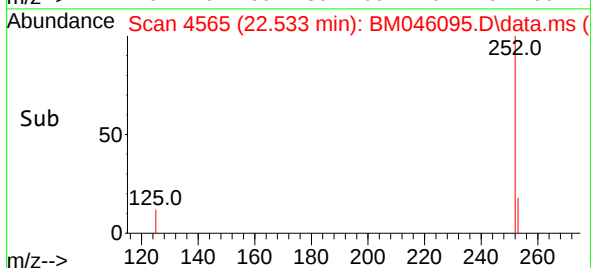
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

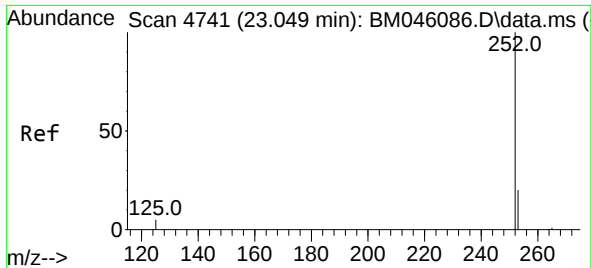


#25
Benzo(k)fluoranthene
Concen: 1.449 ng/ul m
RT: 22.533 min Scan# 4565
Delta R.T. -0.030 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41



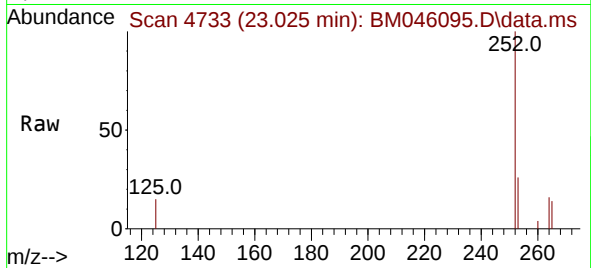
Tgt Ion:252 Resp: 45631
Ion Ratio Lower Upper
252 100
253 25.4 27.2 40.8#
125 15.1 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.944 ng/ul
RT: 23.025 min Scan# 47714
Delta R.T. -0.030 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

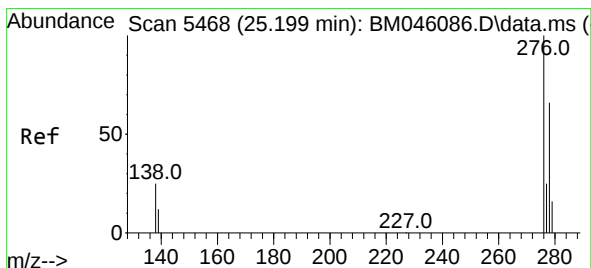
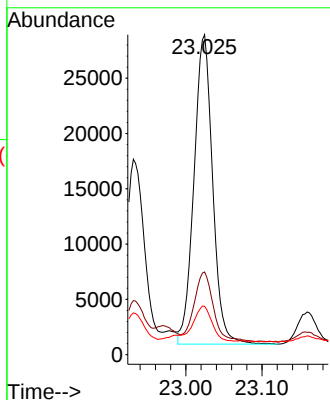
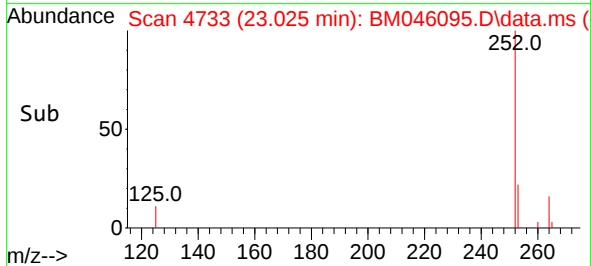
Instrument :
BNA_M
ClientSampleId :
A4BK3



Tgt Ion:252 Resp: 47714
Ion Ratio Lower Upper
252 100
253 25.8 32.1 48.1
125 15.1 21.2 31.8

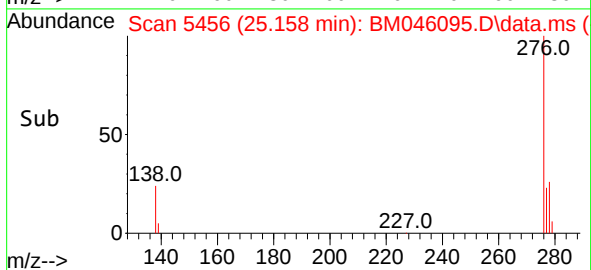
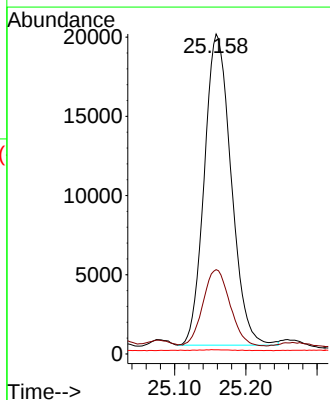
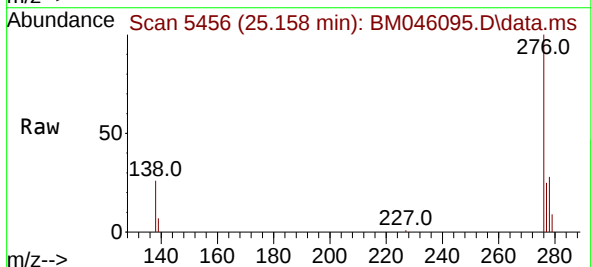
Manual Integrations
APPROVED

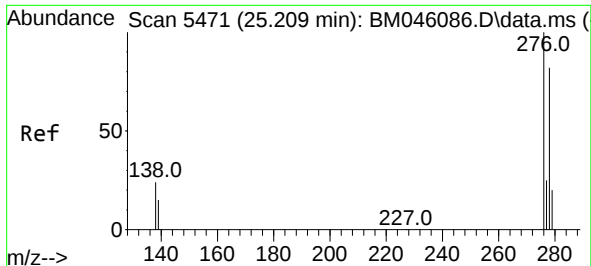
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.279 ng/ul
RT: 25.158 min Scan# 5456
Delta R.T. -0.044 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

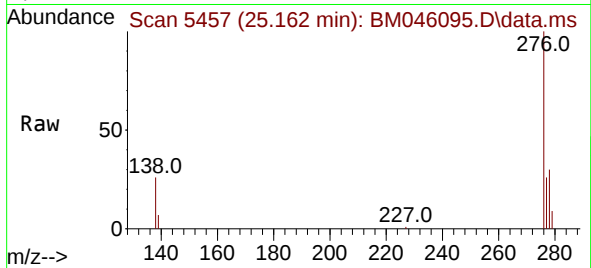
Tgt Ion:276 Resp: 51385
Ion Ratio Lower Upper
276 100
138 24.9 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.557 ng/ul
RT: 25.162 min Scan# 5471
Delta R.T. -0.054 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41

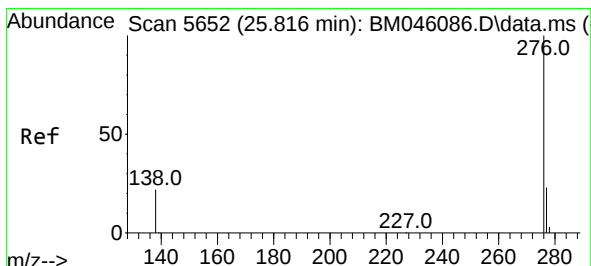
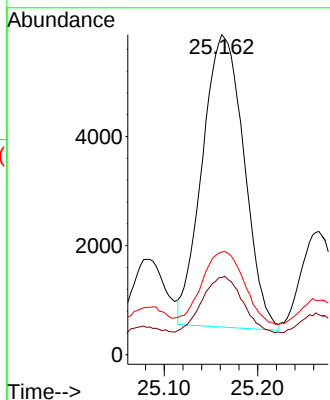
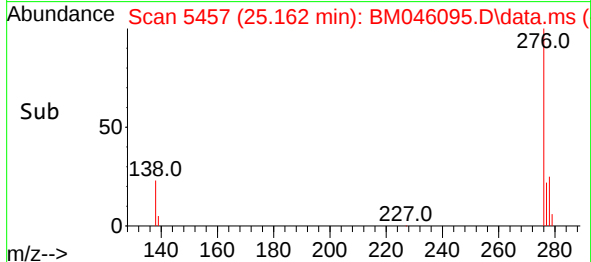
Instrument :
BNA_M
ClientSampleId :
A4BK3



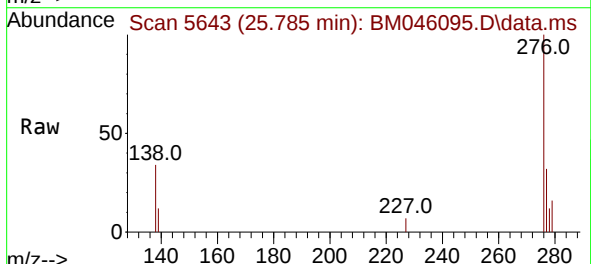
Tgt Ion: 278 Resp: 1664
Ion Ratio Lower Upper
278 100
139 24.1 17.6 26.4
279 32.1 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.226 ng/ul
RT: 25.785 min Scan# 5643
Delta R.T. -0.044 min
Lab File: BM046095.D
Acq: 19 Jun 2024 20:41



Tgt Ion: 276 Resp: 7795
Ion Ratio Lower Upper
276 100
138 33.8 21.7 32.5#
277 31.9 20.4 30.6#

