

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046120.D
 Acq On : 20 Jun 2024 13:17
 Operator : MA/JU
 Sample : P2710-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 20 14:01:52 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	7.426	152	2520	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.200	136	7281	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.072	164	3968	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	8762m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.011	240	6828m	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	7770m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	10262	2.968	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.822	152	2129	0.218	ng/ul	-0.04
18) Fluoranthene-d10	18.844	212	4919	0.241	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.249	128	3731	0.184	ng/ul	99
7) 2-Methylnaphthalene	11.899	142	1186	0.104	ng/ul	96
8) 1-Methylnaphthalene	12.113	142	1026	0.082	ng/ul	100
10) Acenaphthylene	13.790	152	9338	0.496	ng/ul	99
11) Acenaphthene	14.137	153	5046	0.371	ng/ul	98
12) Fluorene	15.127	166	6000	0.412	ng/ul	97
15) Phenanthrene	16.854	178	151138m	6.140	ng/ul	
16) Anthracene	16.947	178	27175m	1.482	ng/ul	
19) Fluoranthene	18.877	202	377770	12.778	ng/ul	96
20) Pyrene	19.239	202	260710	8.154	ng/ul	96
21) Benzo(a)anthracene	20.997	228	157773m	5.982	ng/ul	
22) Chrysene	21.046	228	180845	5.373	ng/ul	100
24) Benzo(b)fluoranthene	22.490	252	279614m	9.988	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	96629m	2.903	ng/ul	
26) Benzo(a)pyrene	23.016	252	94625	3.648	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.152	276	102124	2.406	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.155	278	31766	1.005	ng/ul	96
29) Benzo(g,h,i)perylene	25.775	276	14790	0.406	ng/ul	95

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

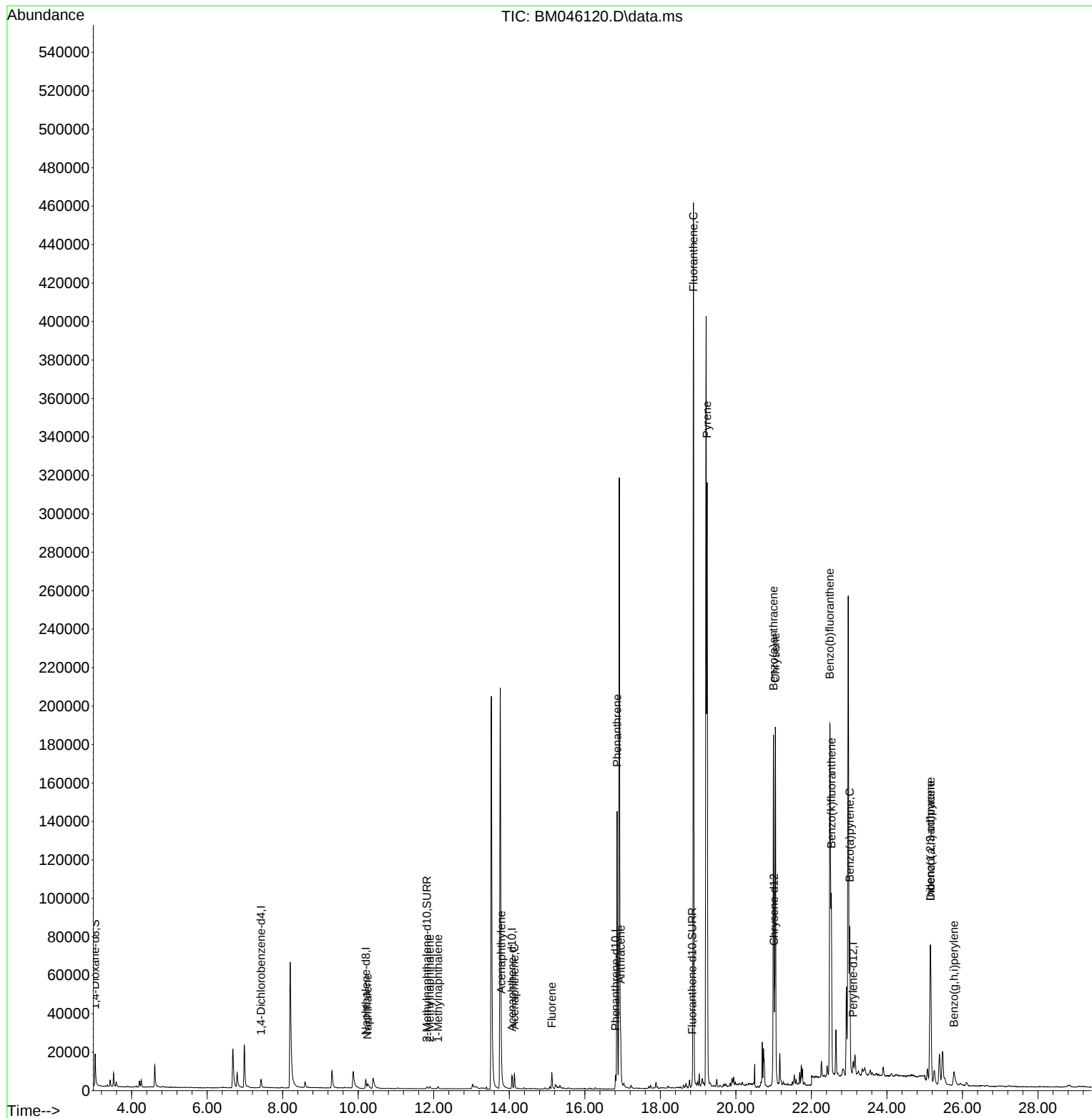
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046120.D
Acq On : 20 Jun 2024 13:17
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ALS Vial : 9 Sample Multiplier: 1

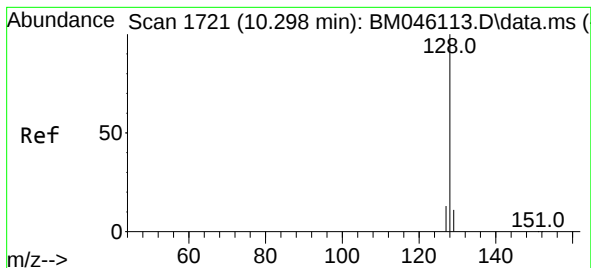
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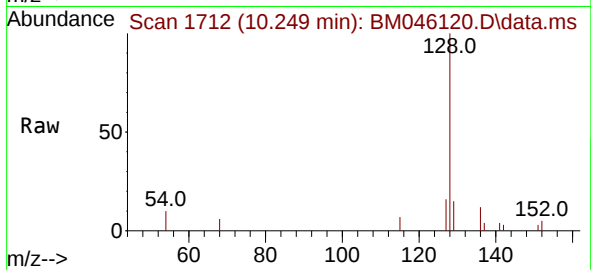
Quant Time: Jun 20 14:01:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.184 ng/ul
RT: 10.249 min Scan# 1712
Delta R.T. -0.054 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17

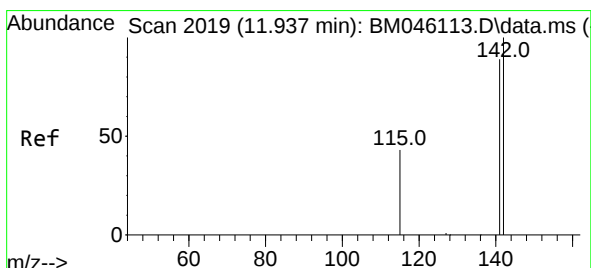
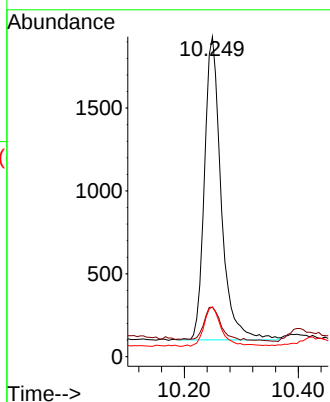
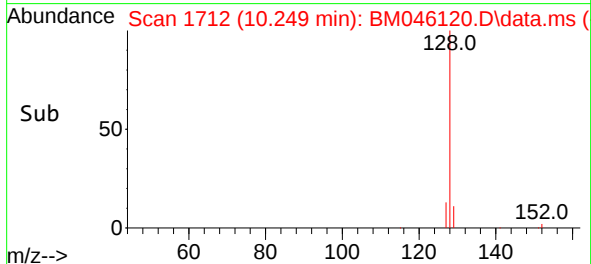
Instrument :
BNA_M
ClientSampleId :
A4BL4



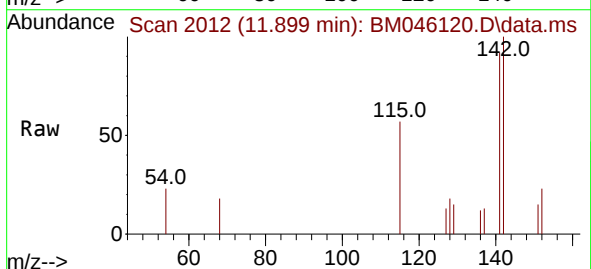
Tgt Ion:128 Resp: 373
Ion Ratio Lower Upper
128 100
129 15.4 11.8 17.6
127 15.5 12.8 19.2

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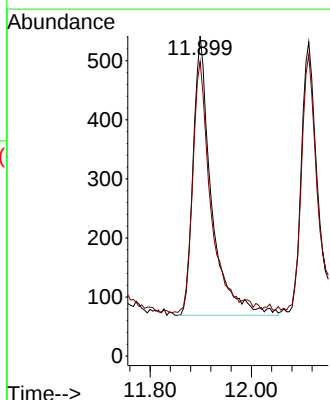
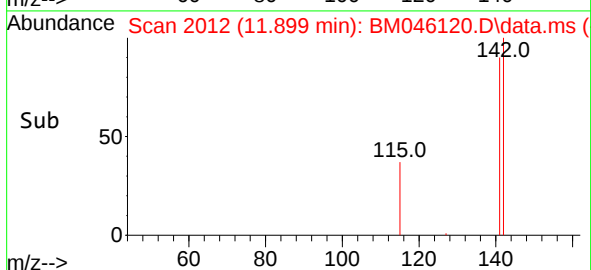
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

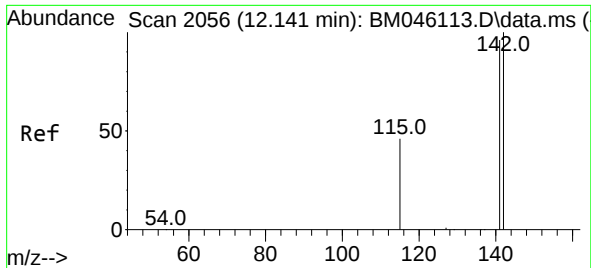


#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 11.899 min Scan# 2012
Delta R.T. -0.048 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17



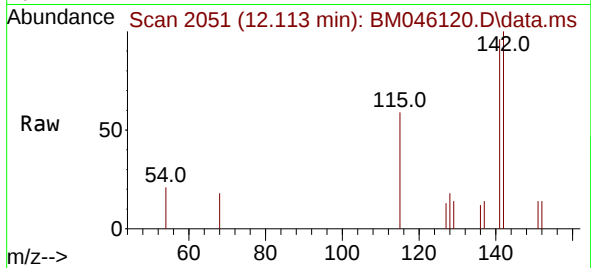
Tgt Ion:142 Resp: 1186
Ion Ratio Lower Upper
142 100
141 89.5 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.113 min Scan# 2051
Delta R.T. -0.037 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17

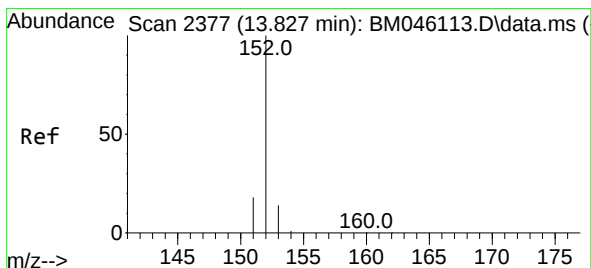
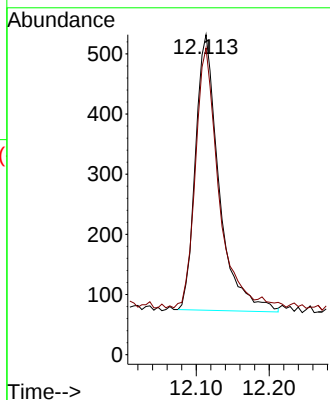
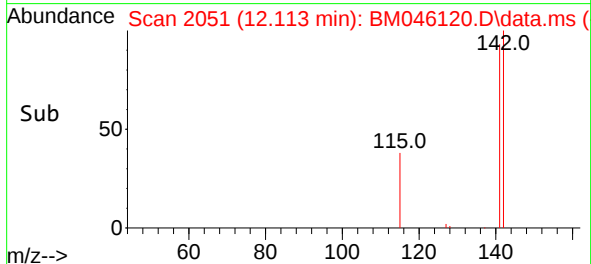
Instrument :
BNA_M
ClientSampleId :
A4BL4



Tgt Ion:142 Resp: 1020
Ion Ratio Lower Upper
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141 93.9 75.2 112.8

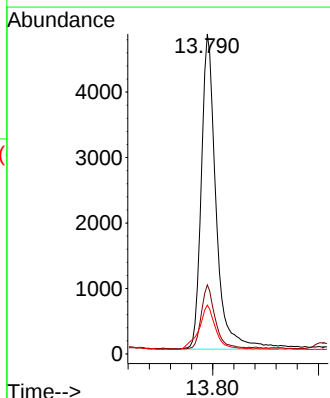
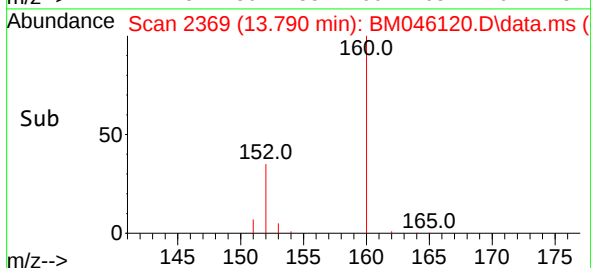
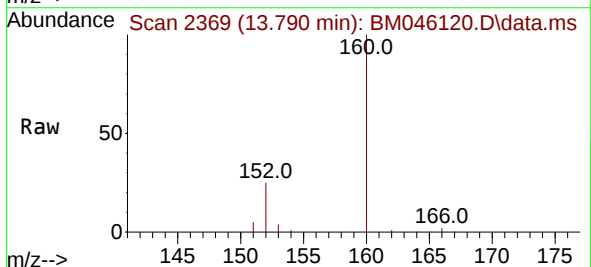
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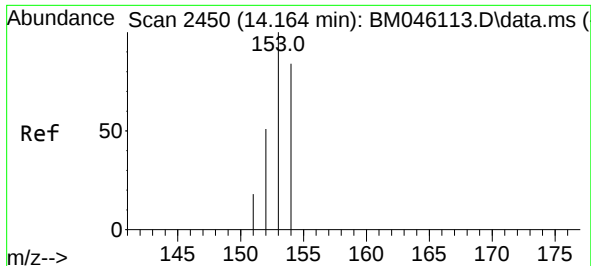
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.496 ng/ul
RT: 13.790 min Scan# 2369
Delta R.T. -0.045 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17

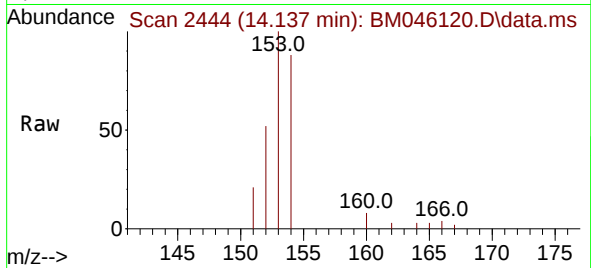
Tgt Ion:152 Resp: 9338
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2
153 15.2 11.8 17.8





#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.137 min Scan# 2450
Delta R.T. -0.036 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17

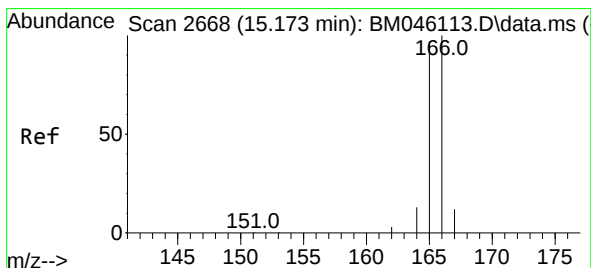
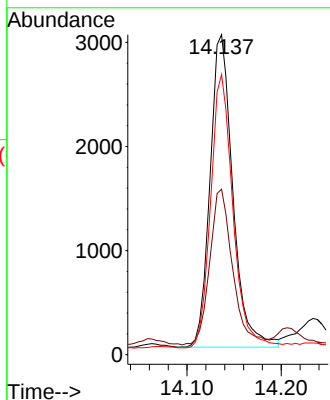
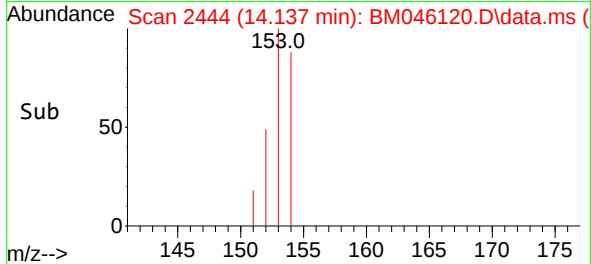
Instrument :
BNA_M
ClientSampleId :
A4BL4



Tgt Ion:153 Resp: 5040
Ion Ratio Lower Upper
153 100
152 51.7 41.3 61.9
154 87.5 68.2 102.4

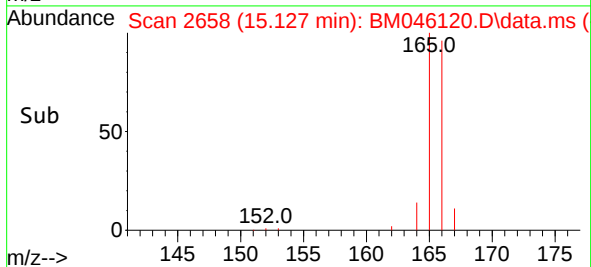
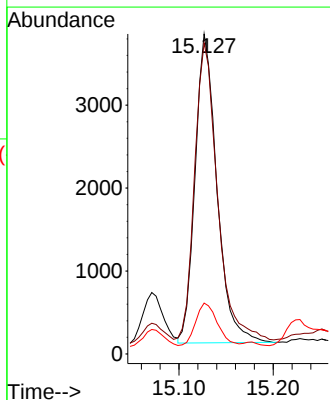
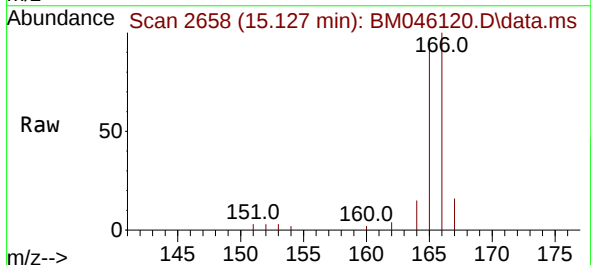
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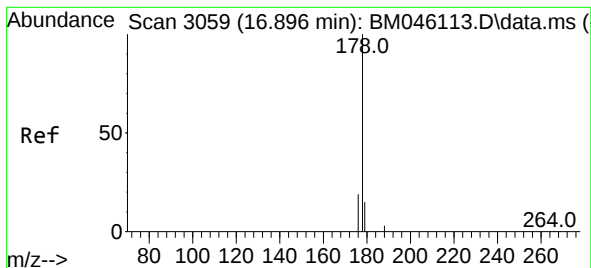
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.412 ng/ul
RT: 15.127 min Scan# 2658
Delta R.T. -0.054 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17

Tgt Ion:166 Resp: 6000
Ion Ratio Lower Upper
166 100
165 97.2 80.4 120.6
167 15.9 12.4 18.6





#15

Phenanthrene

Concen: 6.140 ng/ul m

RT: 16.854 min Scan# 3049

Delta R.T. -0.049 min

Lab File: BM046120.D

Acq: 20 Jun 2024 13:17

Instrument :

BNA_M

ClientSampleId :

A4BL4

Tgt Ion:178 Resp: 151138

Ion Ratio Lower Upper

178 100

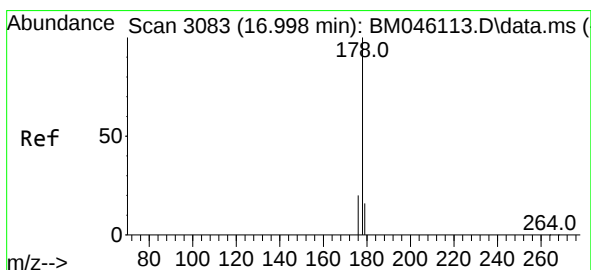
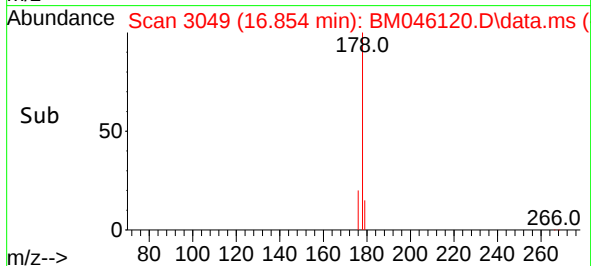
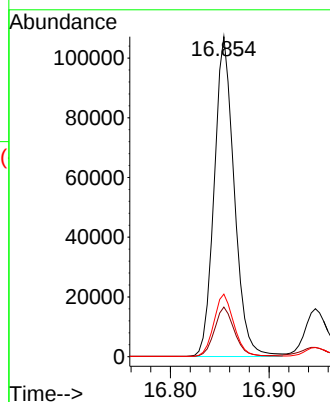
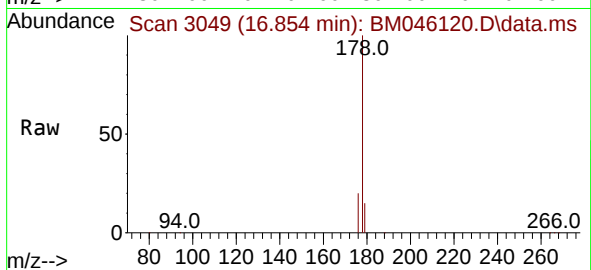
179 15.5 14.2 21.2

176 19.6 17.1 25.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#16

Anthracene

Concen: 1.482 ng/ul m

RT: 16.947 min Scan# 3071

Delta R.T. -0.058 min

Lab File: BM046120.D

Acq: 20 Jun 2024 13:17

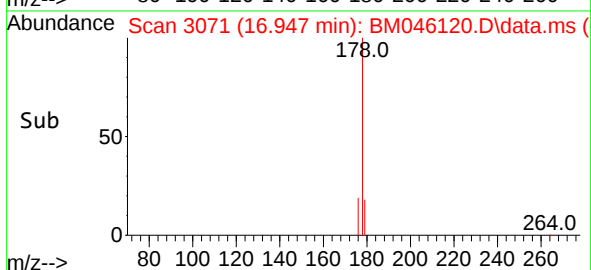
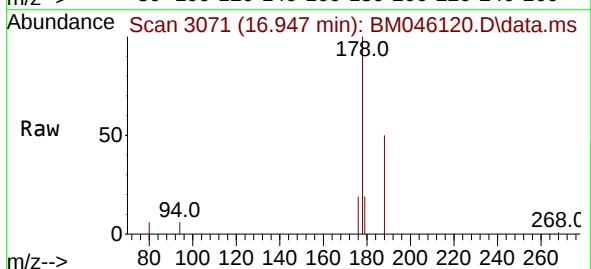
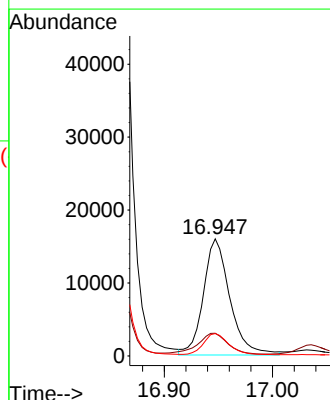
Tgt Ion:178 Resp: 27175

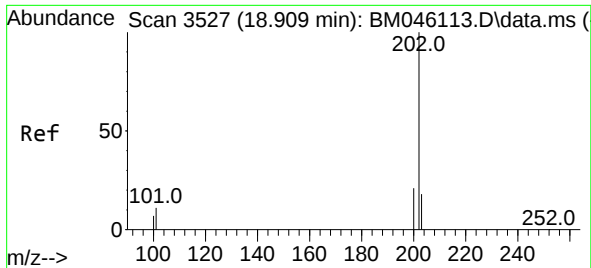
Ion Ratio Lower Upper

178 100

179 19.4 14.9 22.3

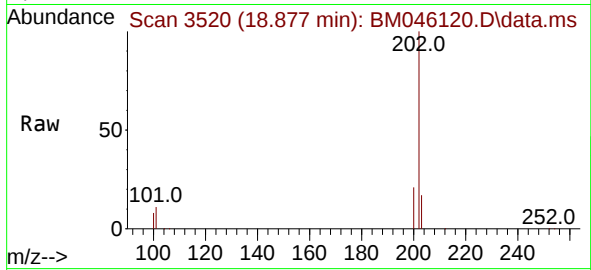
176 19.1 17.0 25.4





#19
Fluoranthene
Concen: 12.778 ng/ul
RT: 18.877 min Scan# 3520
Delta R.T. -0.041 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17

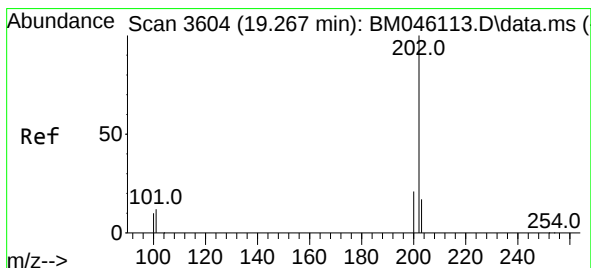
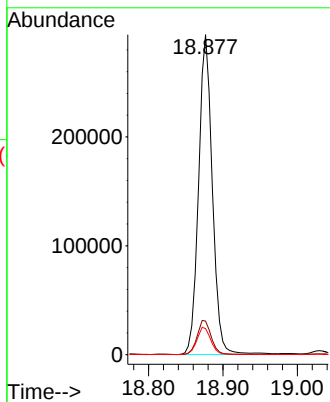
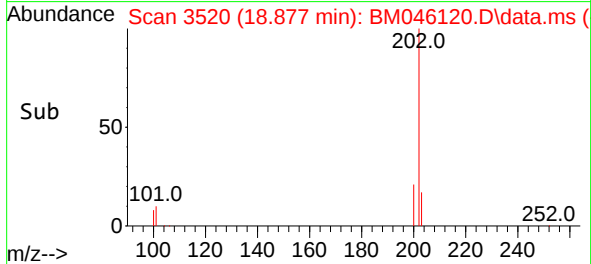
Instrument :
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ClientSampleId :
A4BL4



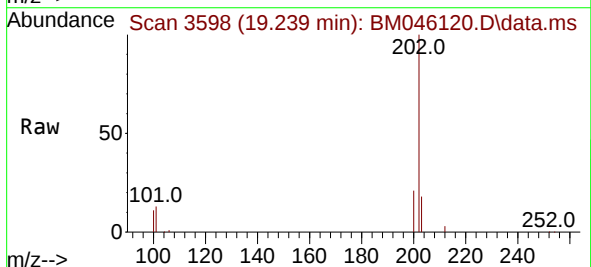
Tgt Ion:202 Resp: 377770
Ion Ratio Lower Upper
202 100
101 10.5 9.6 14.4
100 8.2 7.6 11.4

Manual Integrations
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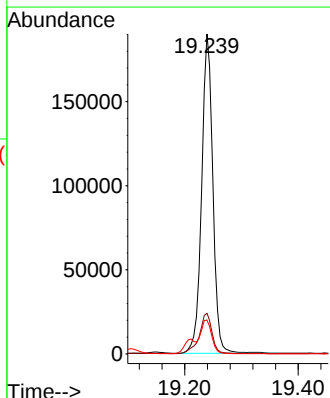
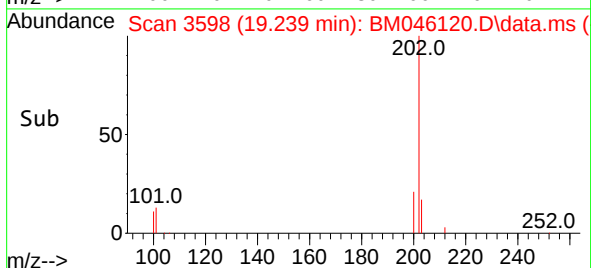
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

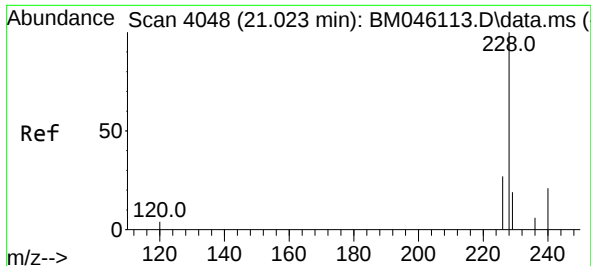


#20
Pyrene
Concen: 8.154 ng/ul
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17



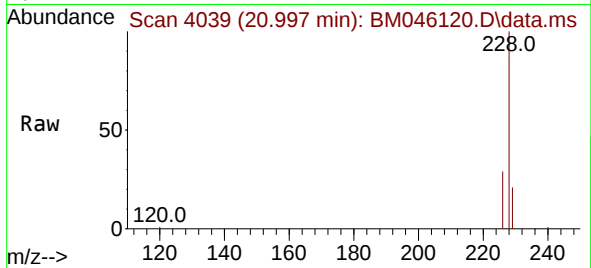
Tgt Ion:202 Resp: 260710
Ion Ratio Lower Upper
202 100
101 12.7 11.3 16.9
100 10.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 5.982 ng/ul m
RT: 20.997 min Scan# 4039
Delta R.T. -0.033 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17

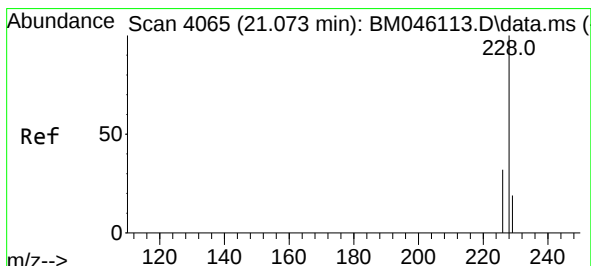
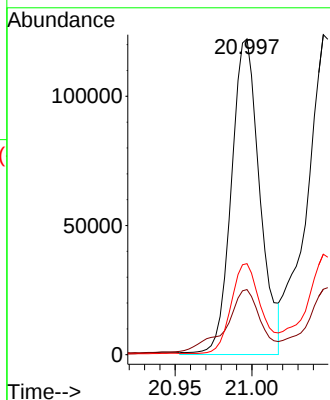
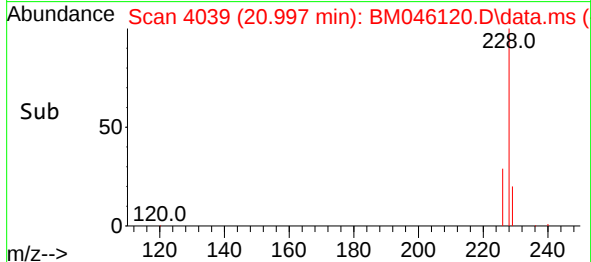
Instrument :
BNA_M
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A4BL4



Tgt Ion:228 Resp: 15777
Ion Ratio Lower Upper
228 100
229 20.6 16.4 24.6
226 28.8 23.4 35.2

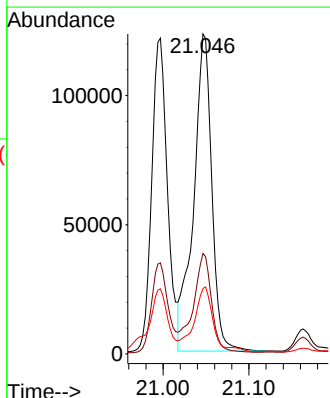
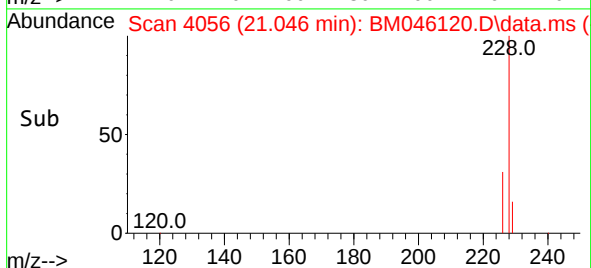
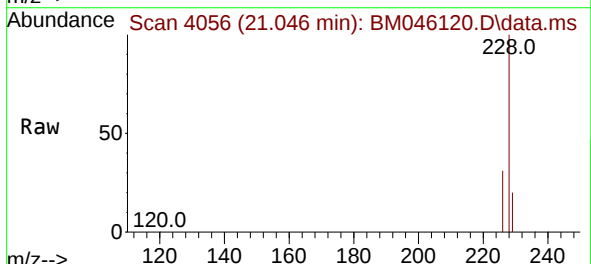
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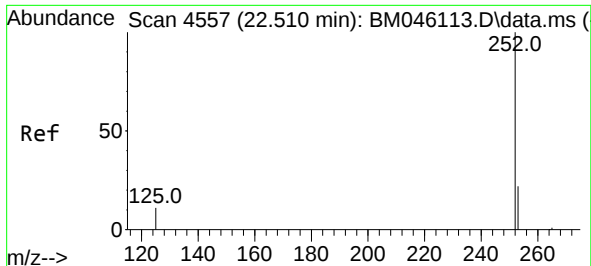
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 5.373 ng/ul
RT: 21.046 min Scan# 4056
Delta R.T. -0.030 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17

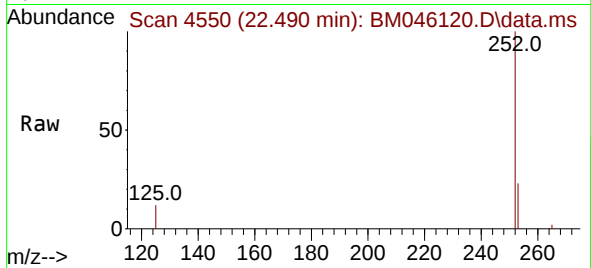
Tgt Ion:228 Resp: 180845
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 20.5 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 9.988 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.030 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17

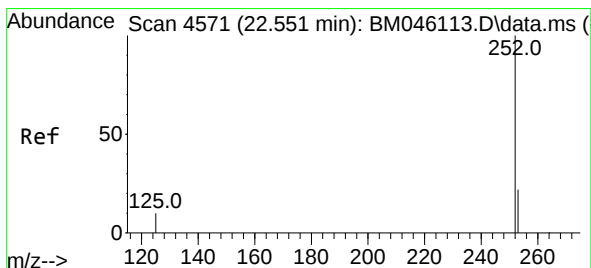
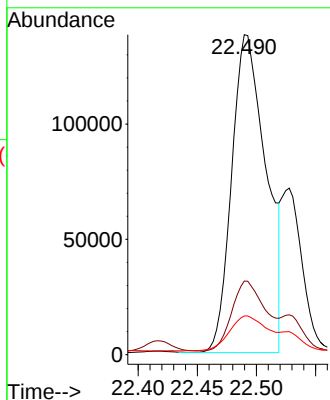
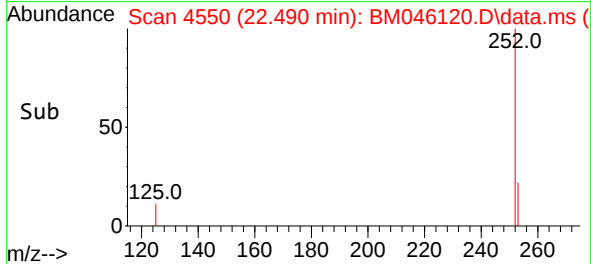
Instrument :
BNA_M
ClientSampleId :
A4BL4



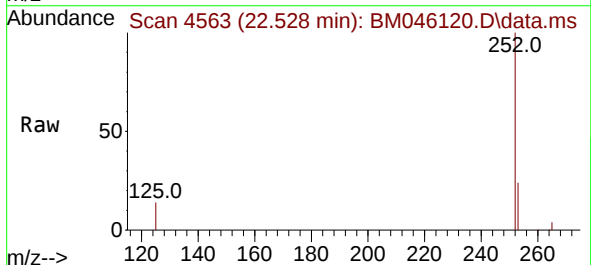
Tgt Ion:252 Resp: 279614
Ion Ratio Lower Upper
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253 23.0 0.0 65.8
125 12.1 0.0 40.2

Manual Integrations
APPROVED

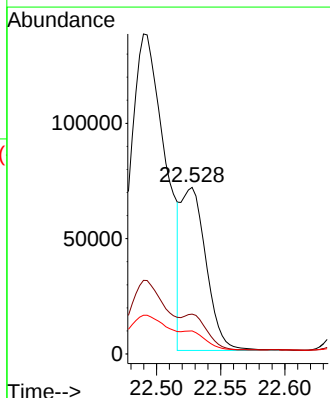
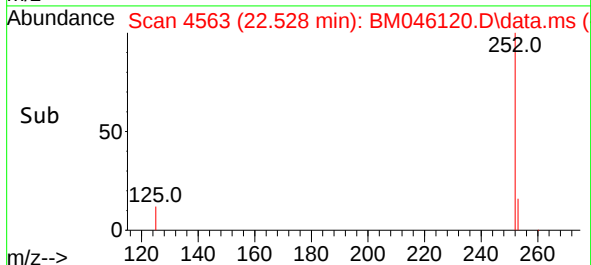
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

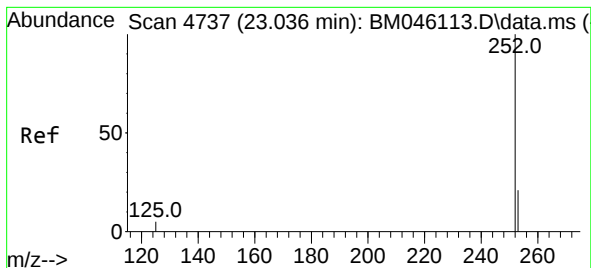


#25
Benzo(k)fluoranthene
Concen: 2.903 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.036 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17



Tgt Ion:252 Resp: 96629
Ion Ratio Lower Upper
252 100
253 23.9 27.2 40.8#
125 13.8 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 3.648 ng/ul

RT: 23.016 min Scan# 41

Delta R.T. -0.038 min

Lab File: BM046120.D

Acq: 20 Jun 2024 13:17

Instrument :

BNM_M

ClientSampleId :

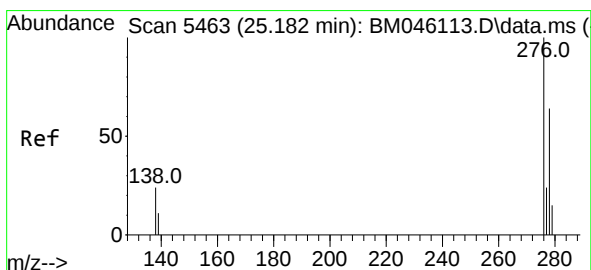
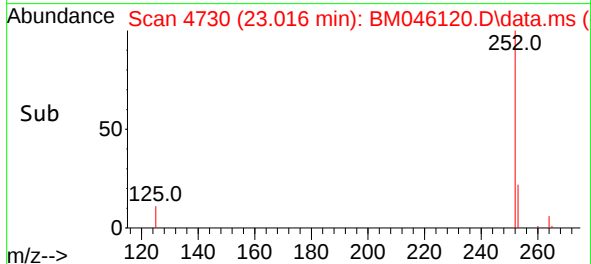
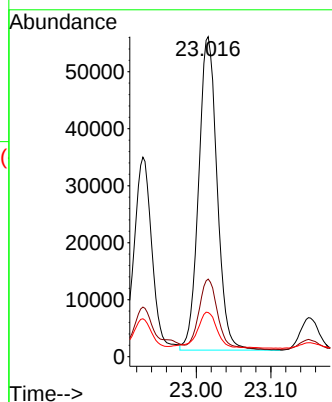
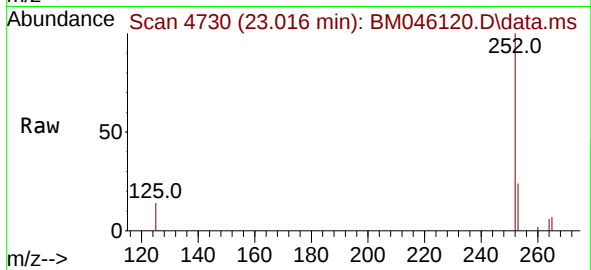
A4BL4

Tgt Ion:	252	Resp:	9462
Ion Ratio	Lower	Upper	
252	100		
253	24.3	32.1	48.1
125	13.8	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.406 ng/ul

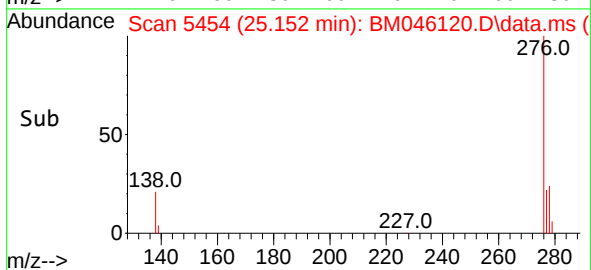
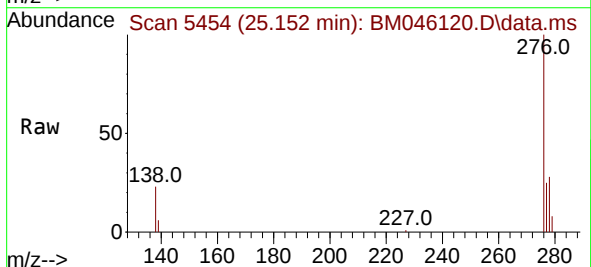
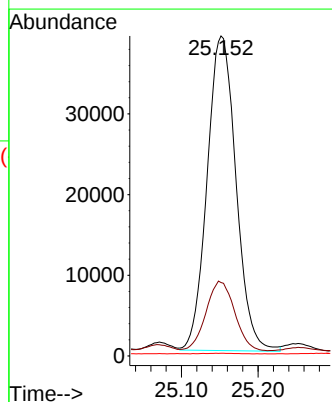
RT: 25.152 min Scan# 5454

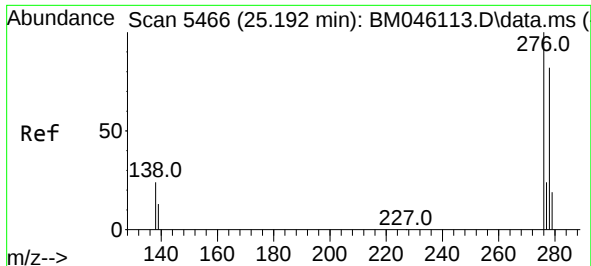
Delta R.T. -0.051 min

Lab File: BM046120.D

Acq: 20 Jun 2024 13:17

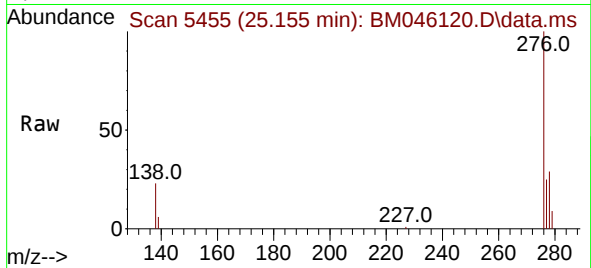
Tgt Ion:	276	Resp:	102124
Ion Ratio	Lower	Upper	
276	100		
138	22.0	21.0	31.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.005 ng/ul
RT: 25.155 min Scan# 5466
Delta R.T. -0.061 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17

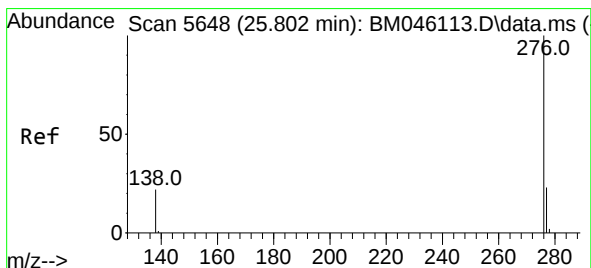
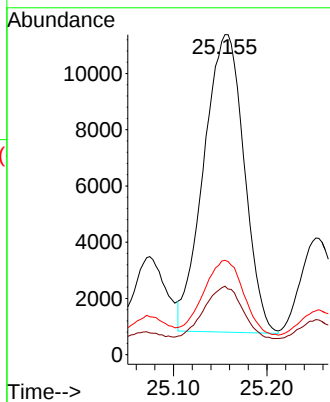
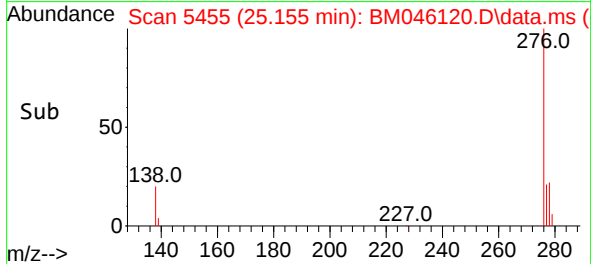
Instrument :
BNA_M
ClientSampleId :
A4BL4



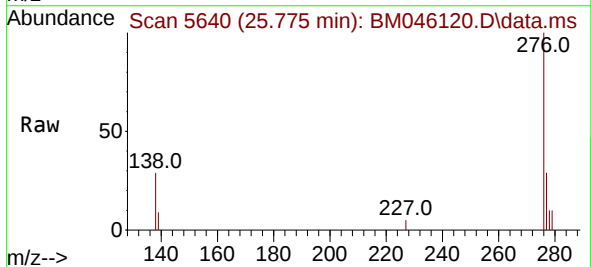
Tgt Ion:278 Resp: 31760
Ion Ratio Lower Upper
278 100
139 21.4 17.6 26.4
279 29.5 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 25.775 min Scan# 5640
Delta R.T. -0.054 min
Lab File: BM046120.D
Acq: 20 Jun 2024 13:17



Tgt Ion:276 Resp: 14790
Ion Ratio Lower Upper
276 100
138 29.1 21.7 32.5
277 28.8 20.4 30.6

