

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046571.D
 Acq On : 13 Jul 2024 07:47
 Operator : MA/JU
 Sample : P3088-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CC5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 08:59:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	2847	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	7498	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.149	164	4803	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.899	188	10601m	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	8722	0.400	ng/ul	0.00
23) Perylene-d12	23.245	264	9045m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	9802	4.190	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.865	152	3795	0.314	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	9459	0.356	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.314	128	407	0.021	ng/ul#	62
10) Acenaphthylene	13.867	152	1817	0.083	ng/ul	95
11) Acenaphthene	14.209	153	512	0.035	ng/ul	98
12) Fluorene	15.209	166	1109	0.061	ng/ul#	98
15) Phenanthrene	16.942	178	33036	1.092	ng/ul	99
16) Anthracene	17.030	178	4857	0.165	ng/ul	98
19) Fluoranthene	18.968	202	76600	2.138	ng/ul	99
20) Pyrene	19.335	202	63078	1.626	ng/ul	98
21) Benzo(a)anthracene	21.091	228	27022	0.700	ng/ul	97
22) Chrysene	21.140	228	32908	0.881	ng/ul	99
24) Benzo(b)fluoranthene	22.613	252	45793m	1.268	ng/ul	
25) Benzo(k)fluoranthene	22.651	252	16300m	0.460	ng/ul	
26) Benzo(a)pyrene	23.154	252	26761m	0.900	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.363	276	24461	0.541	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.373	278	5346	0.149	ng/ul#	83
29) Benzo(g,h,i)perylene	26.004	276	23861	0.661	ng/ul	98

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

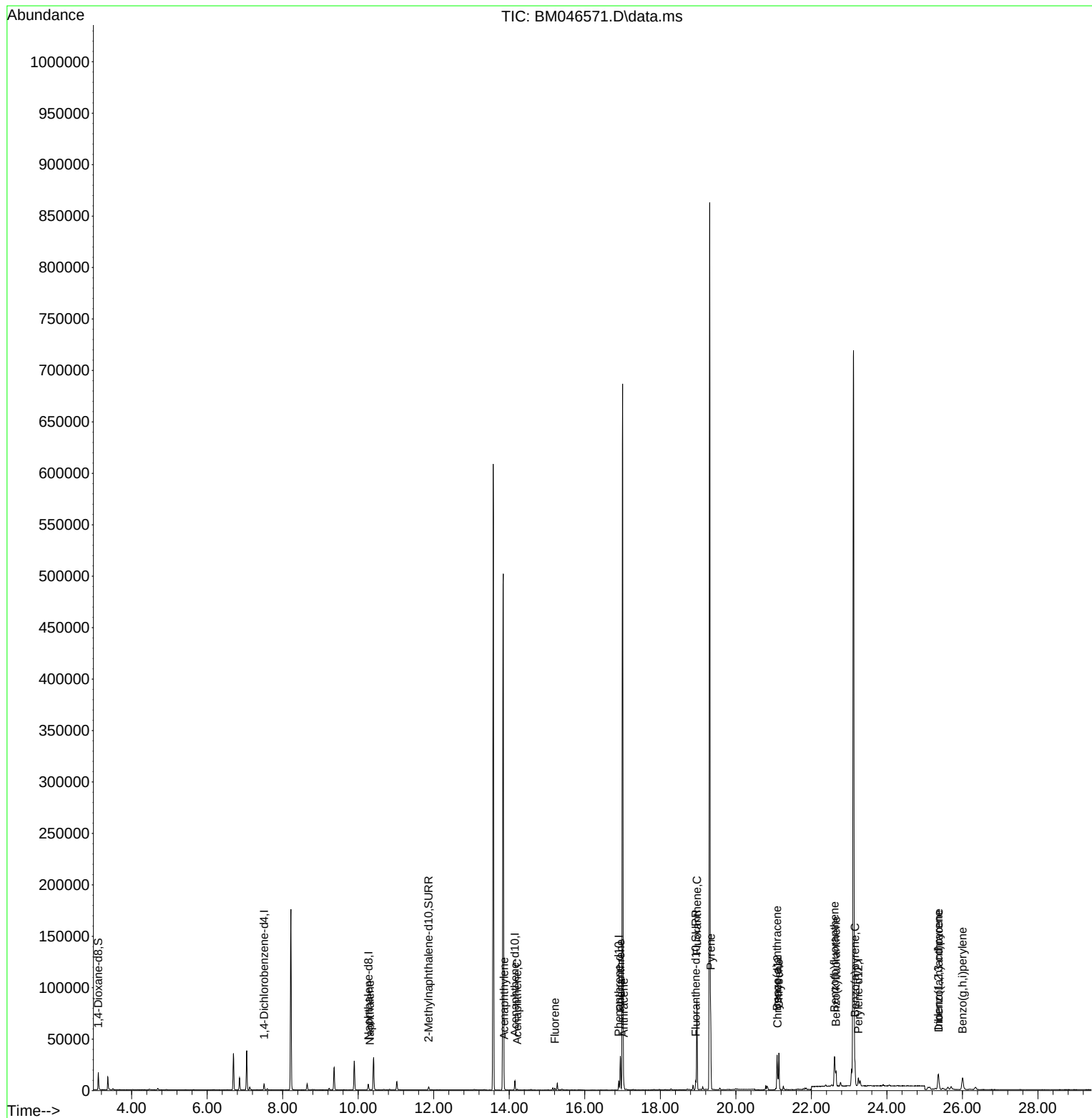
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046571.D
Acq On : 13 Jul 2024 07:47
Operator : MA/JU
Sample : P3088-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

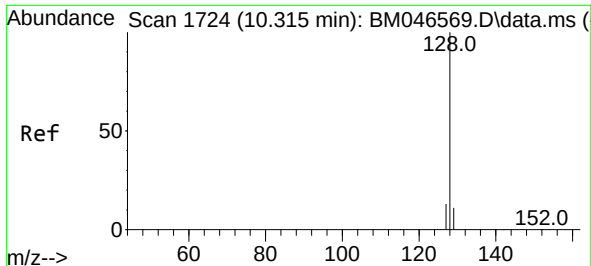
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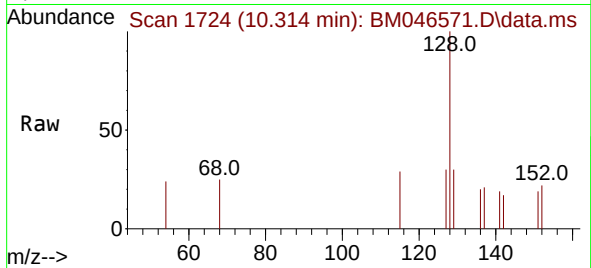
Quant Time: Jul 15 08:59:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.314 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

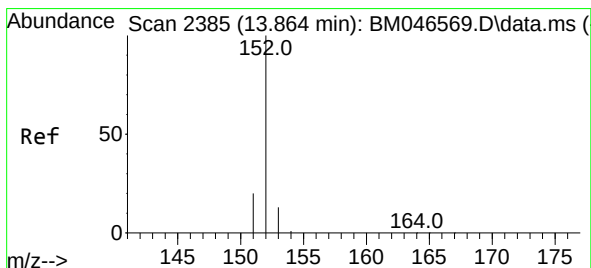
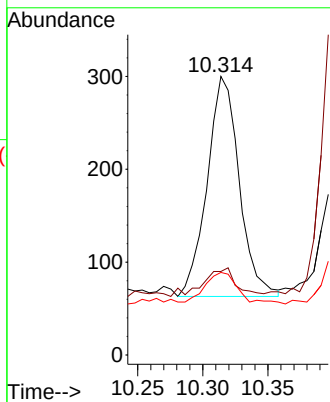
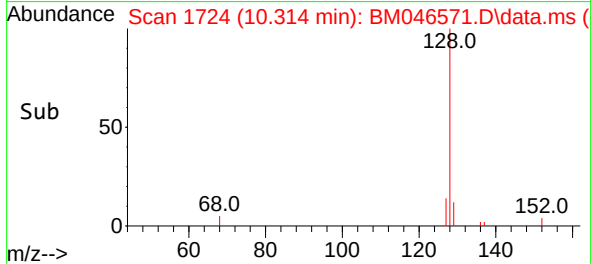
Instrument :
BNA_M
ClientSampleId :
A4CC5



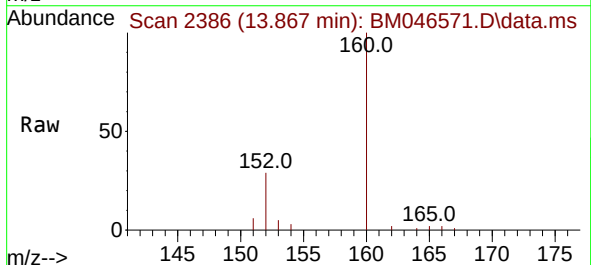
Tgt Ion:128 Resp: 407
Ion Ratio Lower Upper
128 100
129 30.0 10.3 15.5
127 29.7 12.2 18.4

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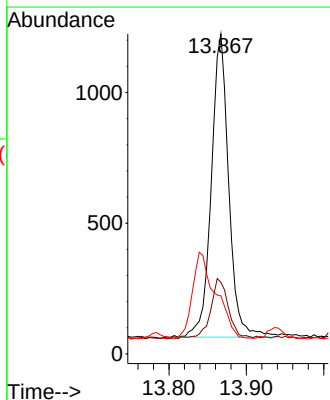
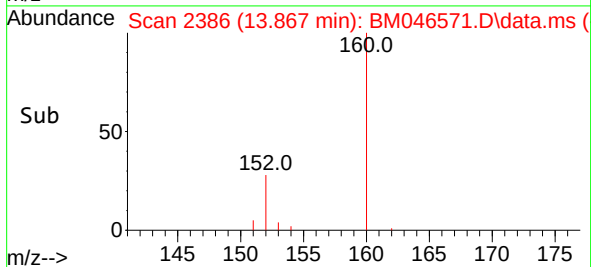
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

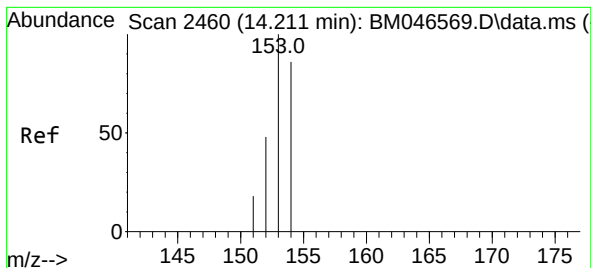


#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 13.867 min Scan# 2386
Delta R.T. 0.003 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47



Tgt Ion:152 Resp: 1817
Ion Ratio Lower Upper
152 100
151 22.4 16.4 24.6
153 18.1 12.4 18.6





#11

Acenaphthene

Concen: 0.035 ng/ul

RT: 14.209 min Scan# 2460

Delta R.T. -0.002 min

Lab File: BM046571.D

Acq: 13 Jul 2024 07:47

Instrument :

BNA_M

ClientSampleId :

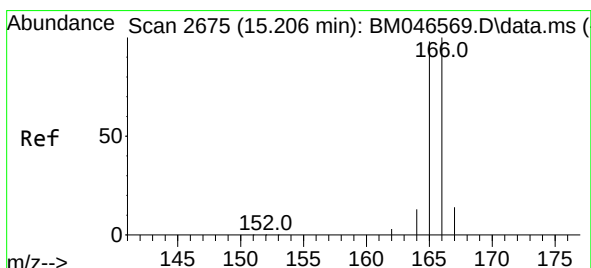
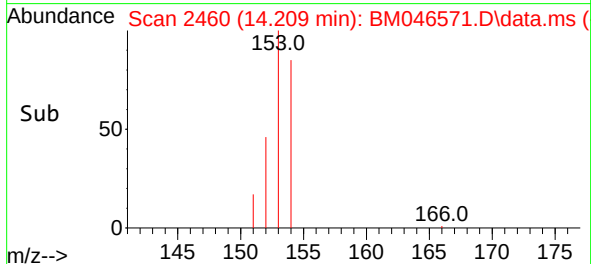
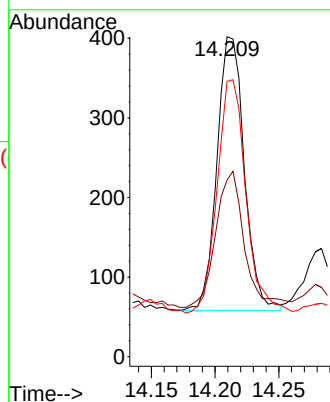
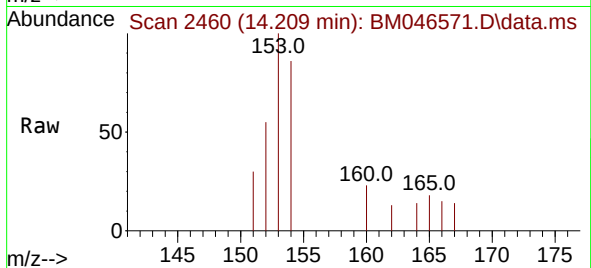
A4CC5

Tgt Ion:153	Resp:	512
Ion Ratio	Lower	Upper
153	100	
152	55.2	43.0 64.6
154	86.1	69.9 104.9

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#12

Fluorene

Concen: 0.061 ng/ul

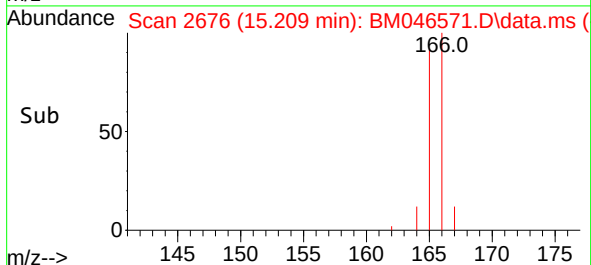
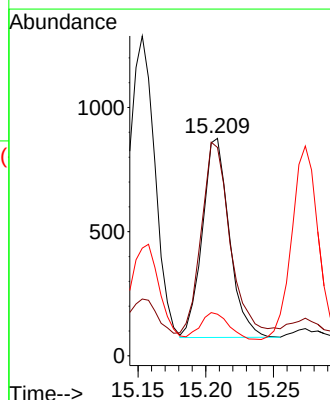
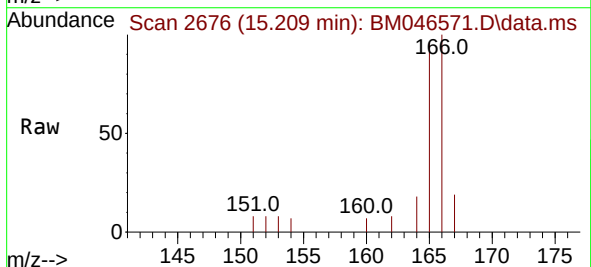
RT: 15.209 min Scan# 2676

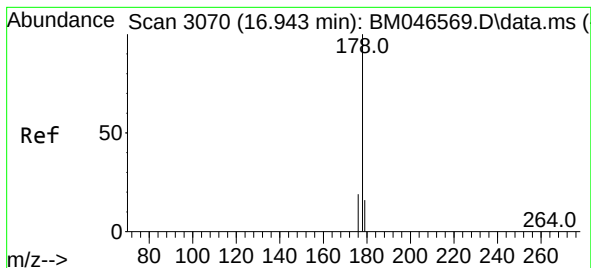
Delta R.T. 0.003 min

Lab File: BM046571.D

Acq: 13 Jul 2024 07:47

Tgt Ion:166	Resp:	1109
Ion Ratio	Lower	Upper
166	100	
165	95.8	76.1 114.1
167	19.2	12.5 18.7





#15

Phenanthrene

Concen: 1.092 ng/ul

RT: 16.942 min Scan# 3070

Delta R.T. -0.002 min

Lab File: BM046571.D

Acq: 13 Jul 2024 07:47

Instrument :

BNA_M

ClientSampleId :

A4CC5

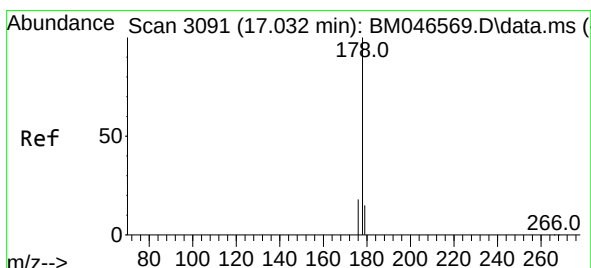
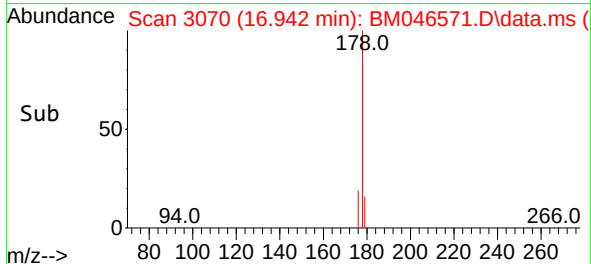
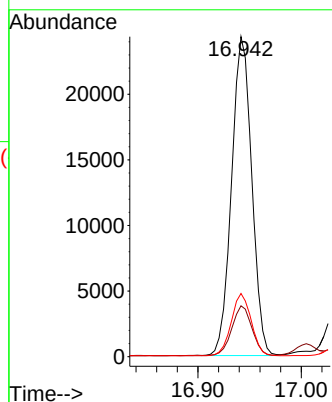
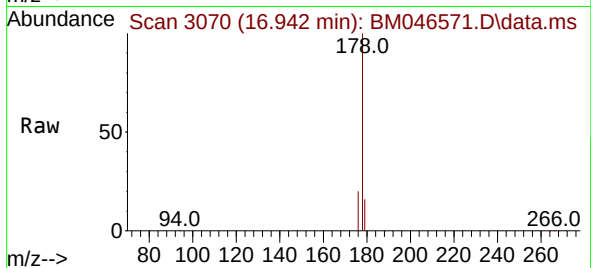
Tgt Ion:178 Resp: 3303

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.1	19.7
176	19.7	16.0	24.0

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#16

Anthracene

Concen: 0.165 ng/ul

RT: 17.030 min Scan# 3091

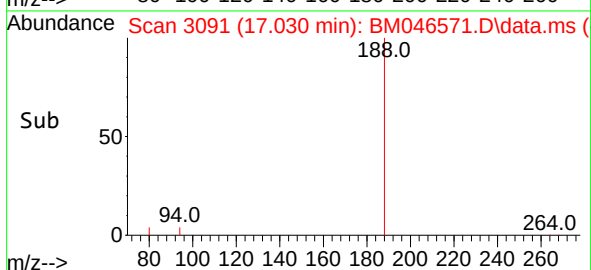
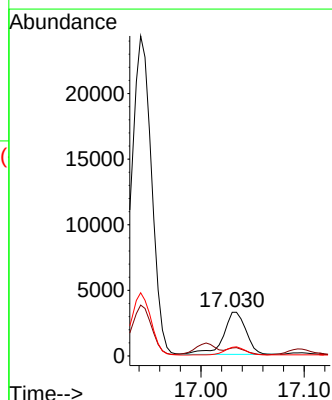
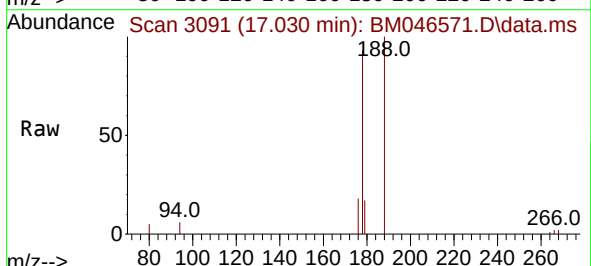
Delta R.T. -0.002 min

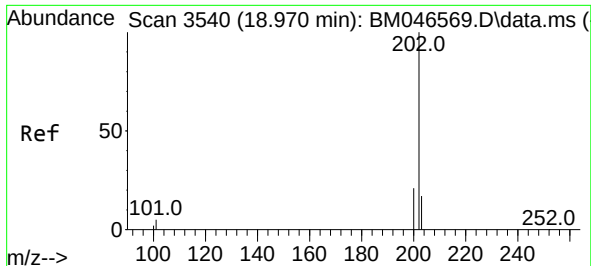
Lab File: BM046571.D

Acq: 13 Jul 2024 07:47

Tgt Ion:178 Resp: 4857

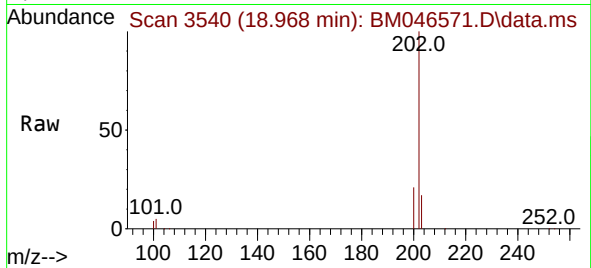
Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.5	20.3
176	19.7	15.7	23.5





#19
Fluoranthene
Concen: 2.138 ng/u1
RT: 18.968 min Scan# 3540
Delta R.T. -0.002 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

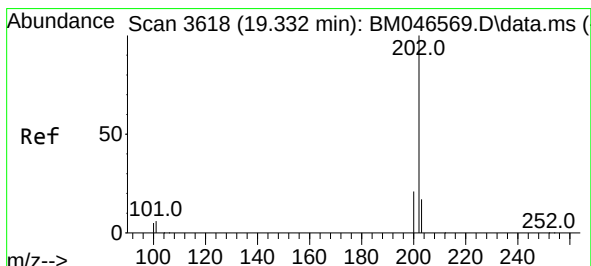
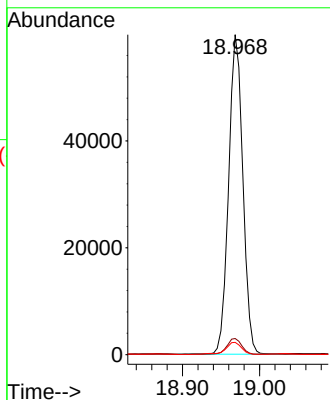
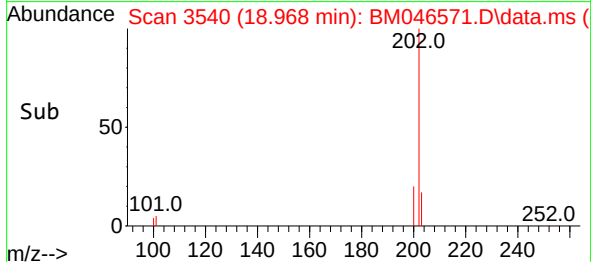
Instrument :
BNA_M
ClientSampleId :
A4CC5



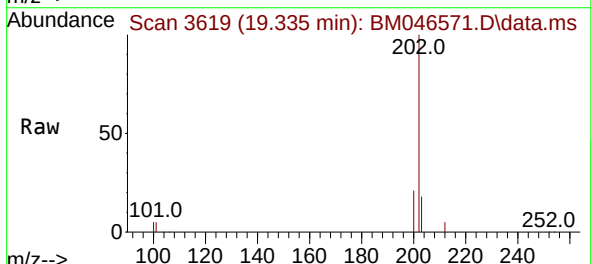
Tgt Ion:202 Resp: 76600
Ion Ratio Lower Upper
202 100
101 5.0 4.6 6.8
100 3.8 3.0 4.6

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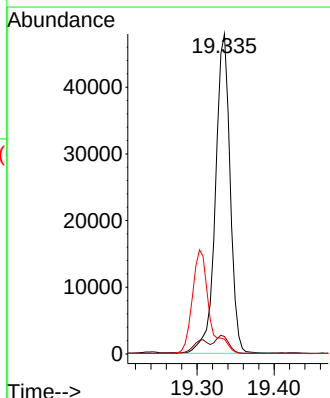
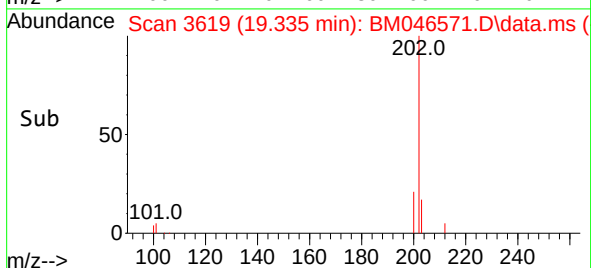
Reviewed By :Jagrut Upadhyay 07/15/2024
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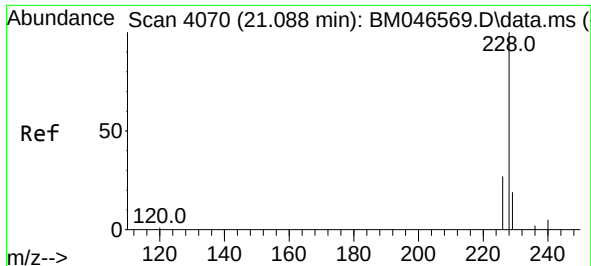


#20
Pyrene
Concen: 1.626 ng/u1
RT: 19.335 min Scan# 3619
Delta R.T. 0.003 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47



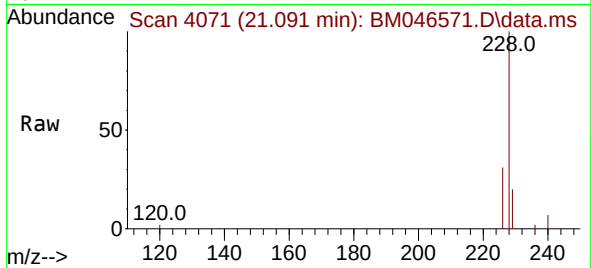
Tgt Ion:202 Resp: 63078
Ion Ratio Lower Upper
202 100
101 5.5 5.1 7.7
100 4.6 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.700 ng/ul
RT: 21.091 min Scan# 4071
Delta R.T. 0.003 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

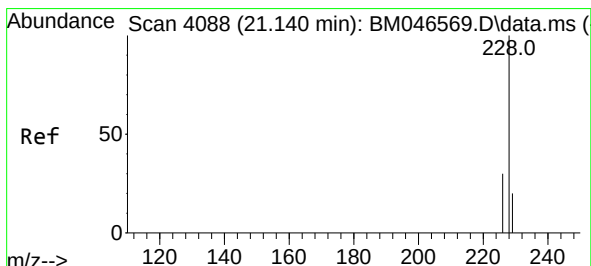
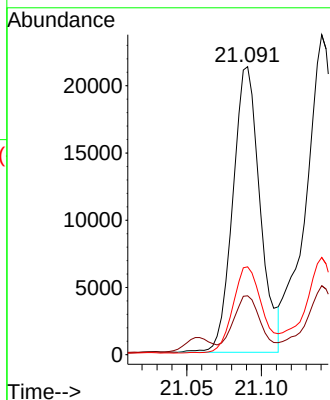
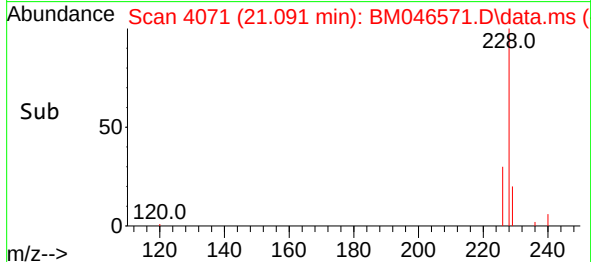
Instrument :
BNA_M
ClientSampleId :
A4CC5



Tgt Ion:228 Resp: 2702
Ion Ratio Lower Upper
228 100
229 20.5 16.5 24.7
226 30.5 22.5 33.7

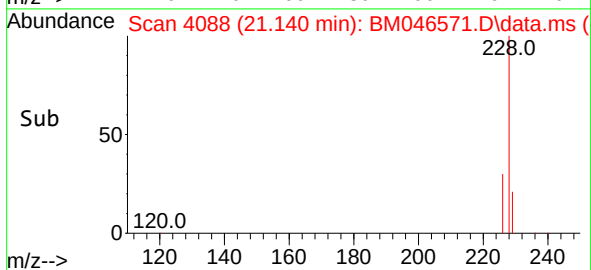
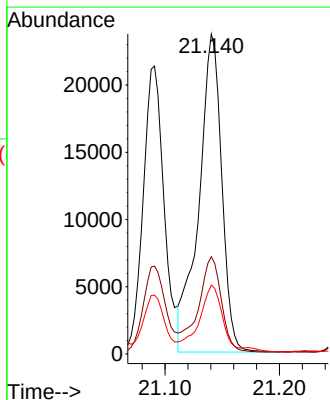
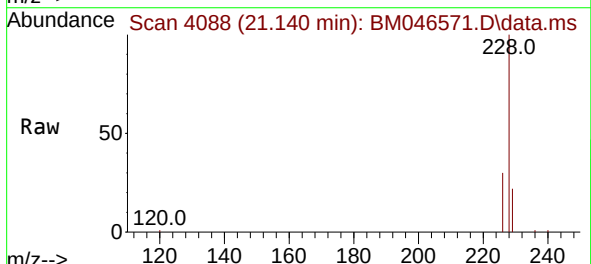
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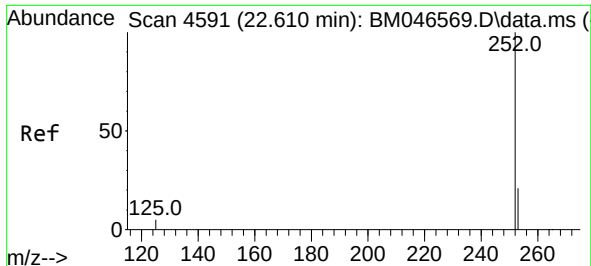
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.881 ng/ul
RT: 21.140 min Scan# 4088
Delta R.T. 0.000 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

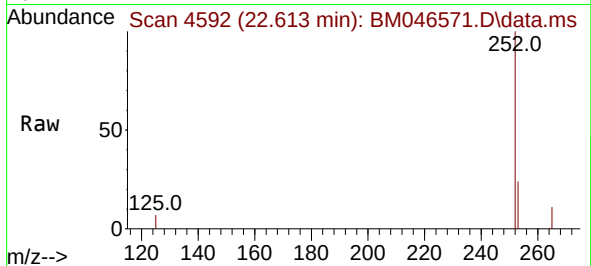
Tgt Ion:228 Resp: 32908
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.268 ng/ul m
RT: 22.613 min Scan# 4592
Delta R.T. 0.003 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

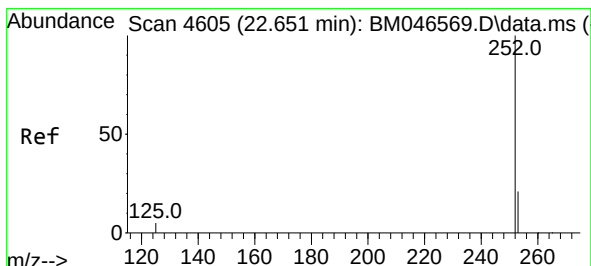
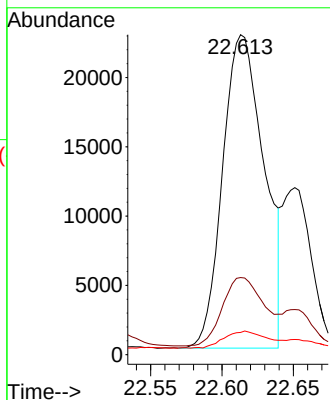
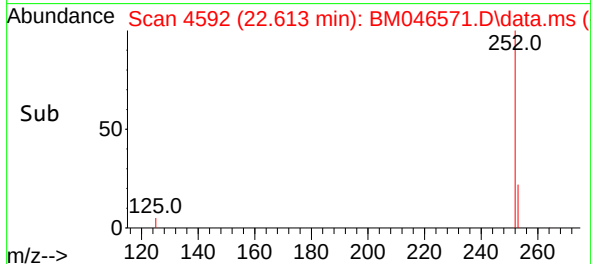
Instrument :
BNA_M
ClientSampleId :
A4CC5



Tgt Ion:252 Resp: 4579
Ion Ratio Lower Upper
252 100
253 24.1 0.0 56.2
125 7.0 0.0 17.8

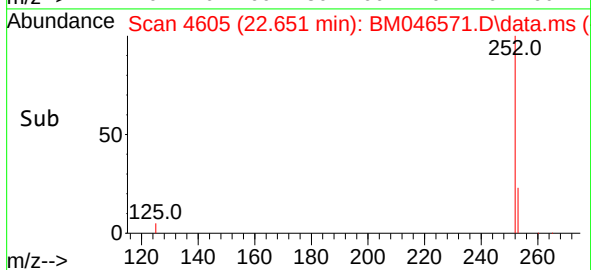
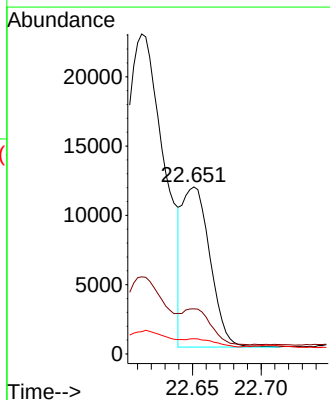
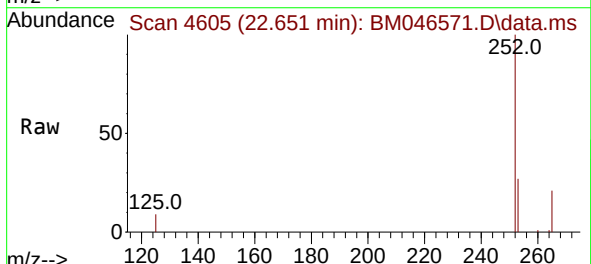
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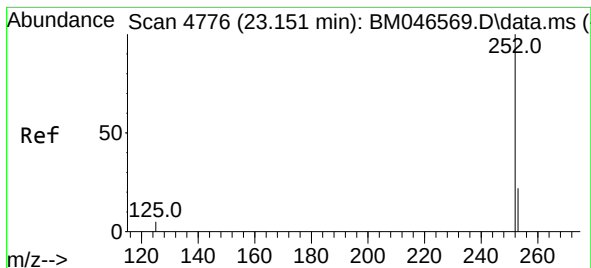
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.460 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. 0.000 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

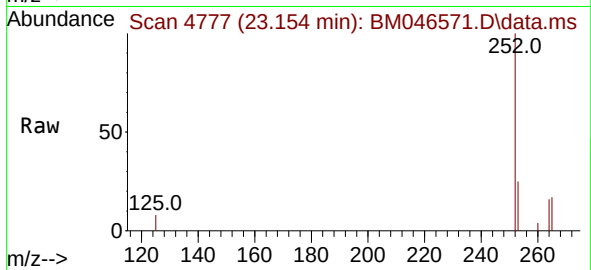
Tgt Ion:252 Resp: 16300
Ion Ratio Lower Upper
252 100
253 27.1 22.4 33.6
125 9.1 7.0 10.4





#26
Benzo(a)pyrene
Concen: 0.900 ng/ul m
RT: 23.154 min Scan# 4776
Delta R.T. 0.003 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

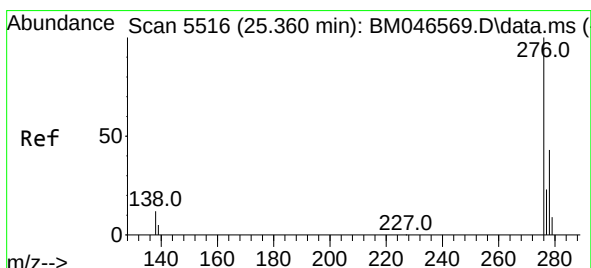
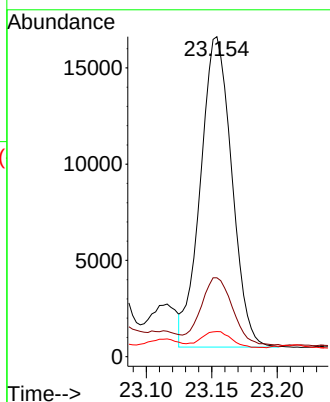
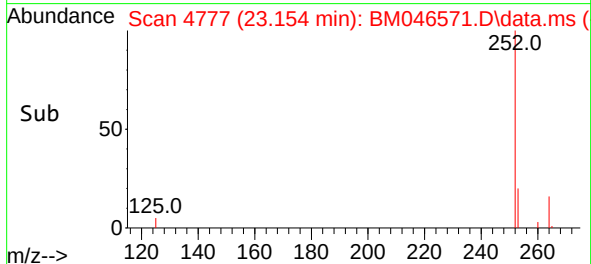
Instrument :
BNA_M
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A4CC5



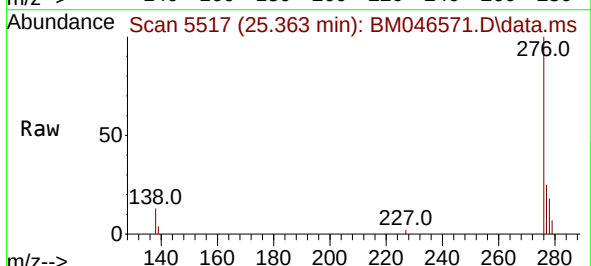
Tgt Ion:252 Resp: 2676
Ion Ratio Lower Upper
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253 24.6 24.0 36.0
125 7.9 8.2 12.2

Manual Integrations
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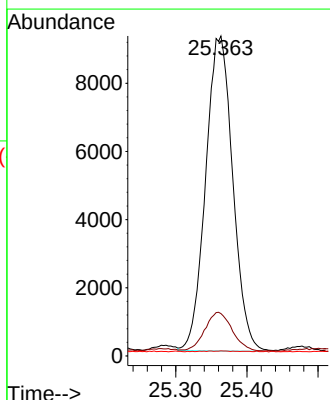
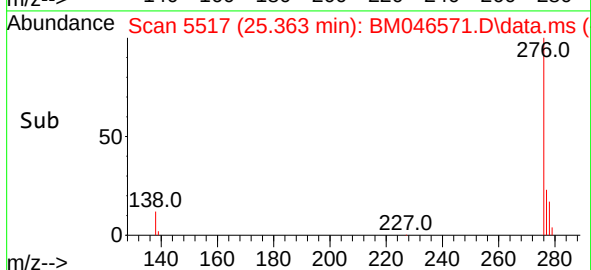
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

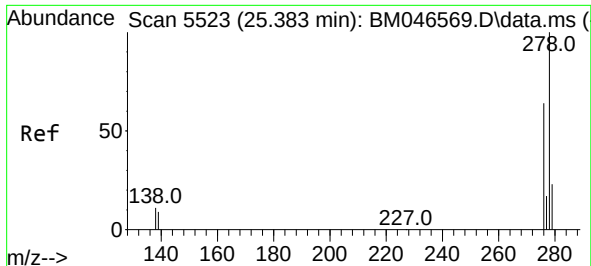


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.541 ng/ul
RT: 25.363 min Scan# 5517
Delta R.T. 0.003 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47



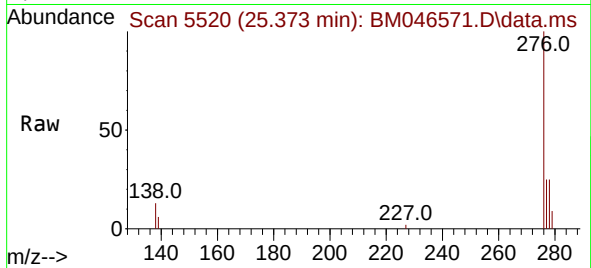
Tgt Ion:276 Resp: 24461
Ion Ratio Lower Upper
276 100
138 12.2 0.0 0.0#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 25.373 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

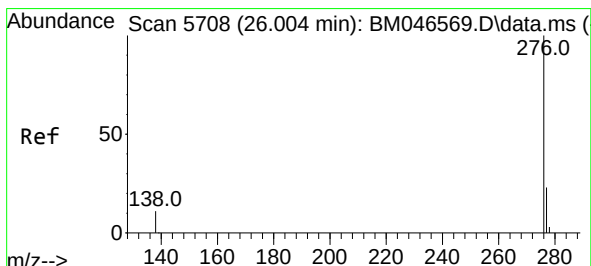
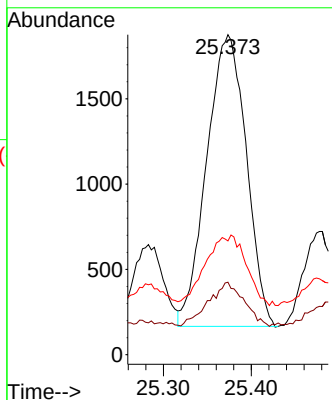
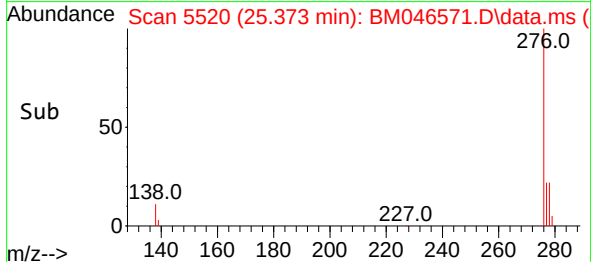
Instrument :
BNA_M
ClientSampleId :
A4CC5



Tgt Ion:278 Resp: 5340
Ion Ratio Lower Upper
278 100
139 22.7 9.1 13.7
279 35.6 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.661 ng/ul
RT: 26.004 min Scan# 5708
Delta R.T. 0.000 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

Tgt Ion:276 Resp: 23861
Ion Ratio Lower Upper
276 100
138 13.7 10.2 15.4
277 25.0 20.9 31.3

