

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046574.D
 Acq On : 13 Jul 2024 09:36
 Operator : MA/JU
 Sample : P3088-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CZ3

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 09:00:08 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	3716	0.400	ng/ul	0.00
4) Naphthalene-d8	10.264	136	10022	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.149	164	6475	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.899	188	14105m	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	11526	0.400	ng/ul	0.00
23) Perylene-d12	23.247	264	12000m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	10915	3.575	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.865	152	4192	0.259	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	10218	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.314	128	1837	0.072	ng/ul#	94
7) 2-Methylnaphthalene	11.942	142	790	0.044	ng/ul	98
8) 1-Methylnaphthalene	12.167	142	444	0.024	ng/ul	98
10) Acenaphthylene	13.867	152	4856	0.165	ng/ul	100
11) Acenaphthene	14.209	153	570	0.029	ng/ul	94
12) Fluorene	15.204	166	977	0.040	ng/ul#	94
15) Phenanthrene	16.942	178	21359	0.531	ng/ul	98
16) Anthracene	17.034	178	6088	0.155	ng/ul	99
19) Fluoranthene	18.968	202	52327	1.105	ng/ul	99
20) Pyrene	19.335	202	49549	0.967	ng/ul	99
21) Benzo(a)anthracene	21.091	228	26224	0.514	ng/ul	94
22) Chrysene	21.143	228	30225	0.613	ng/ul	98
24) Benzo(b)fluoranthene	22.613	252	42736m	0.892	ng/ul	
25) Benzo(k)fluoranthene	22.654	252	14832m	0.315	ng/ul	
26) Benzo(a)pyrene	23.154	252	27537	0.698	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.360	276	23872	0.398	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.373	278	5719	0.120	ng/ul#	74
29) Benzo(g,h,i)perylene	26.007	276	24194	0.505	ng/ul	97

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

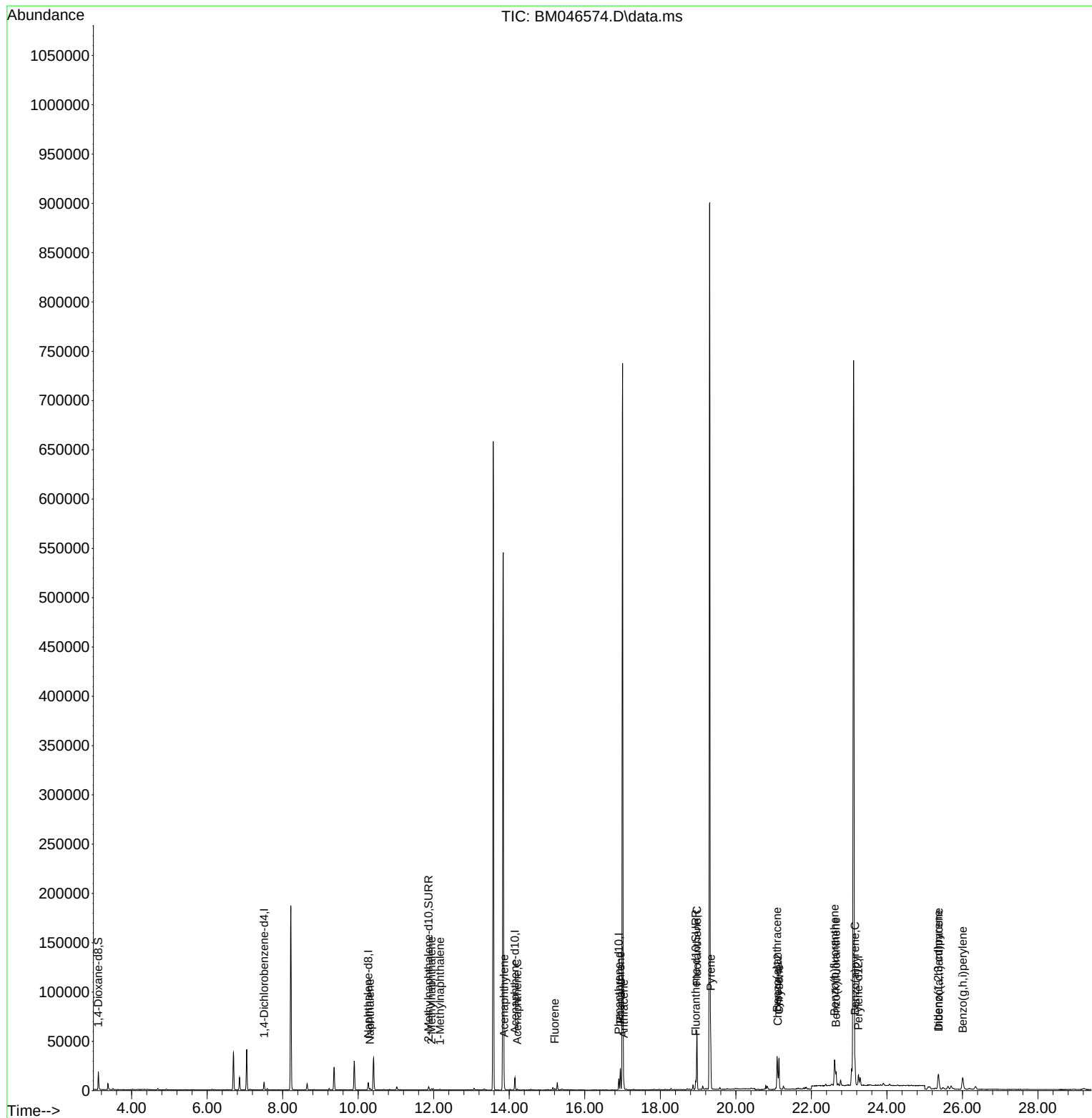
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046574.D
Acq On : 13 Jul 2024 09:36
Operator : MA/JU
Sample : P3088-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

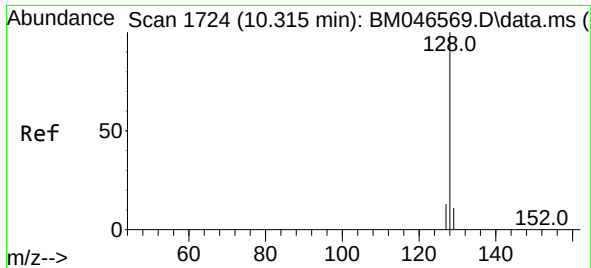
Instrument :
BNA_M
ClientSampleId :
A4CZ3

Quant Time: Jul 15 09:00:08 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

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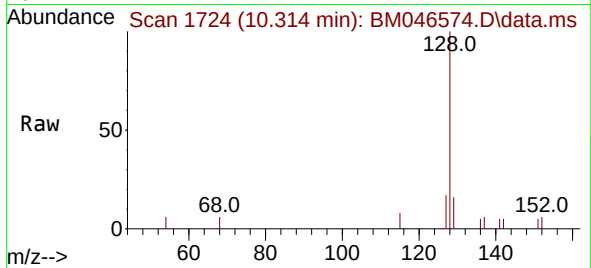
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024





#5
Naphthalene
Concen: 0.072 ng/ul
RT: 10.314 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36

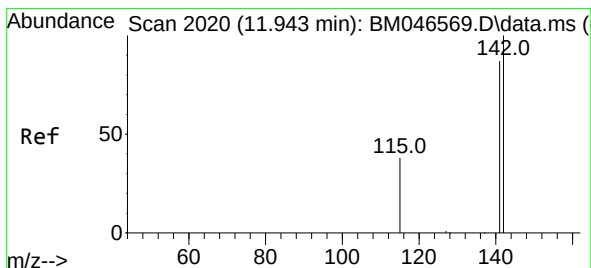
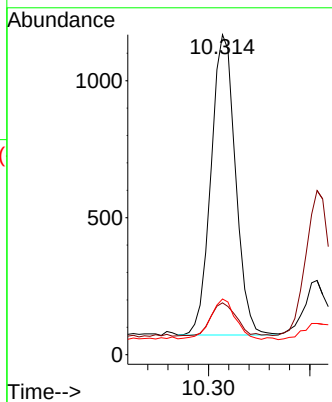
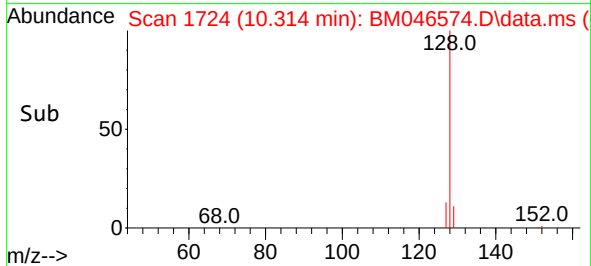
Instrument :
BNA_M
ClientSampleId :
A4CZ3



Tgt Ion:128 Resp: 183
Ion Ratio Lower Upper
128 100
129 16.2 10.3 15.5
127 17.4 12.2 18.4

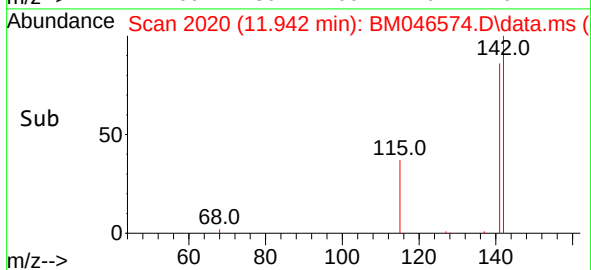
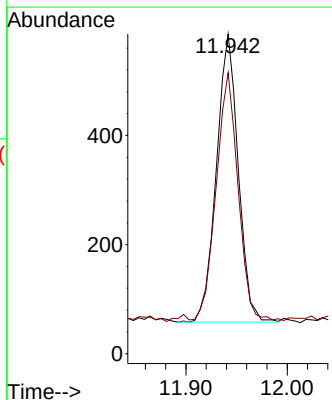
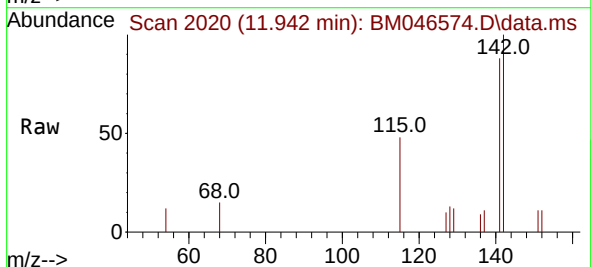
Manual Integrations
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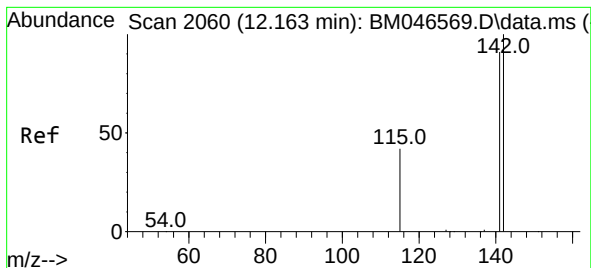
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 11.942 min Scan# 2020
Delta R.T. -0.002 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36

Tgt Ion:142 Resp: 790
Ion Ratio Lower Upper
142 100
141 85.8 70.3 105.5





#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.167 min Scan# 2060

Delta R.T. 0.004 min

Lab File: BM046574.D

Acq: 13 Jul 2024 09:36

Instrument :

BNA_M

ClientSampleId :

A4CZ3

Tgt Ion:142 Resp: 444

Ion Ratio Lower Upper

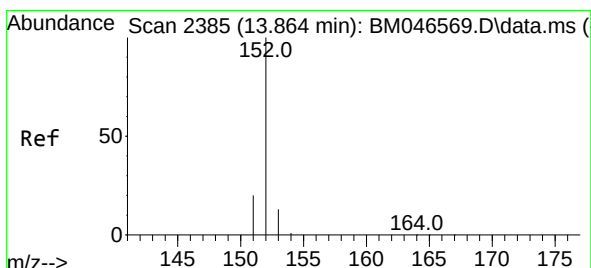
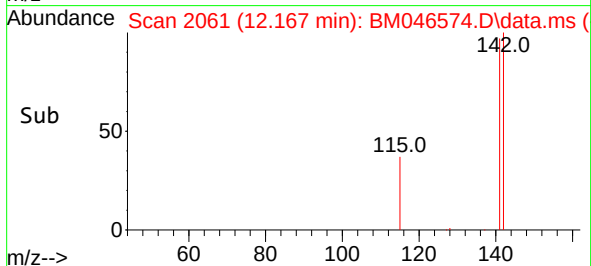
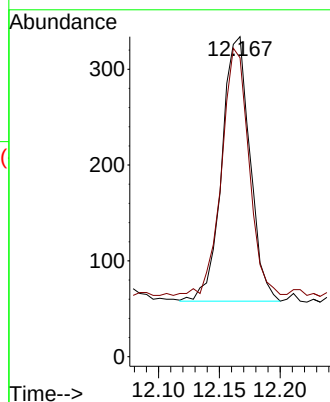
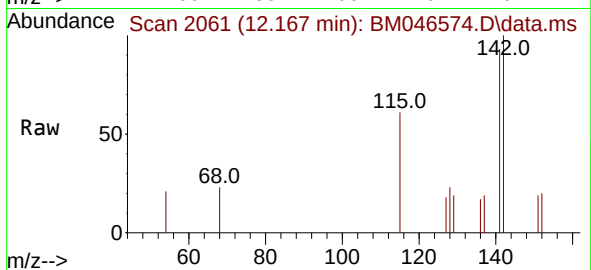
142 100

141 90.8 73.9 110.9

Manual Integrations

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#10

Acenaphthylene

Concen: 0.165 ng/ul

RT: 13.867 min Scan# 2386

Delta R.T. 0.003 min

Lab File: BM046574.D

Acq: 13 Jul 2024 09:36

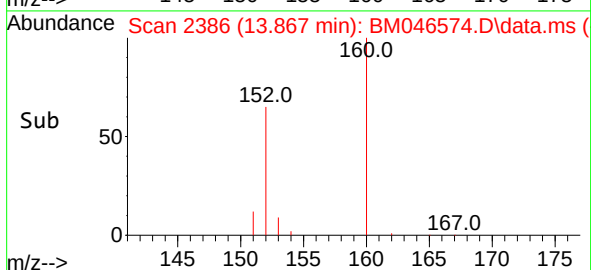
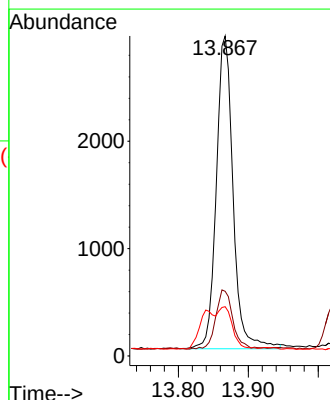
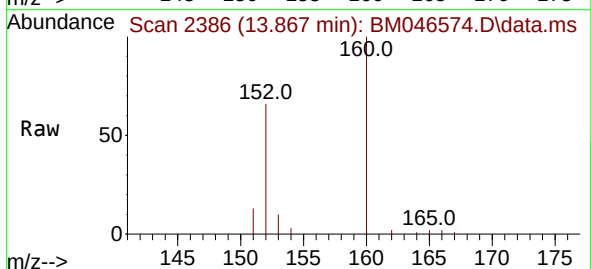
Tgt Ion:152 Resp: 4856

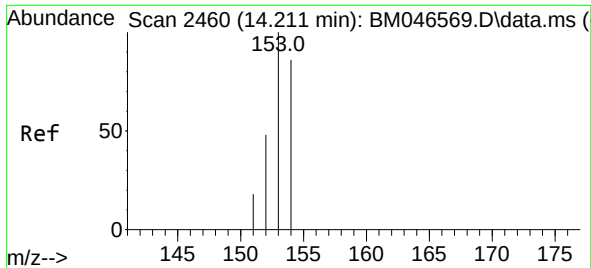
Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

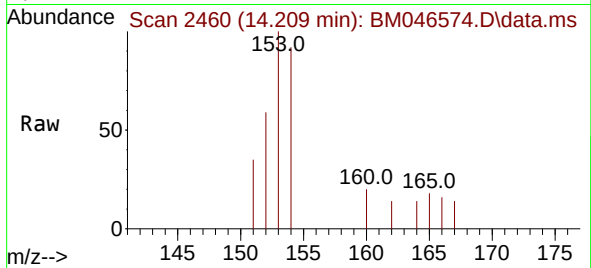
153 15.4 12.4 18.6





#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.209 min Scan# 2460
Delta R.T. -0.002 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36

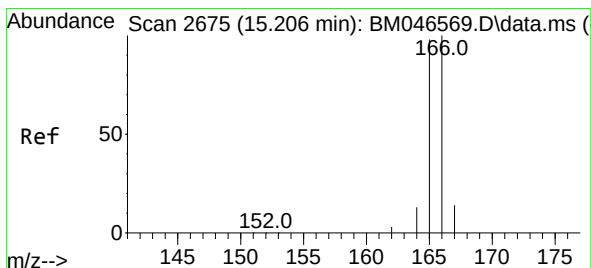
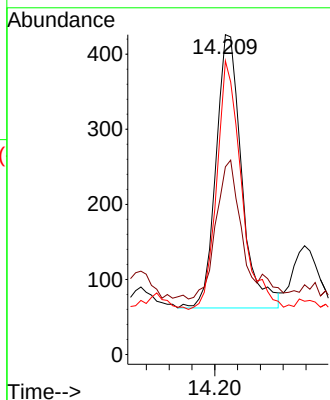
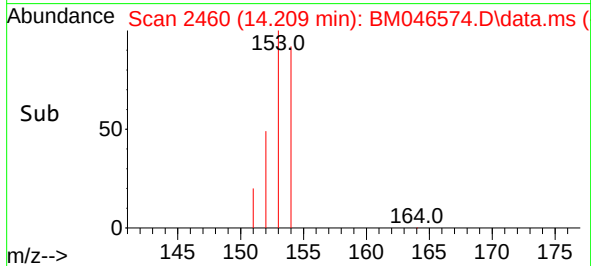
Instrument :
BNA_M
ClientSampleId :
A4CZ3



Tgt Ion:153 Resp: 570
Ion Ratio Lower Upper
153 100
152 58.7 43.0 64.6
154 91.8 69.9 104.9

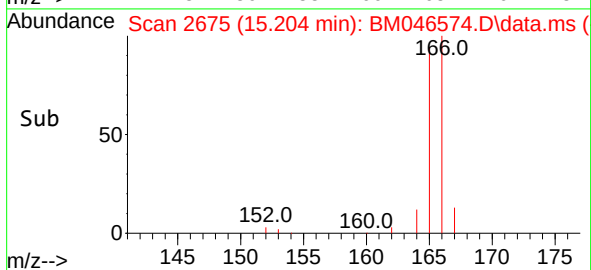
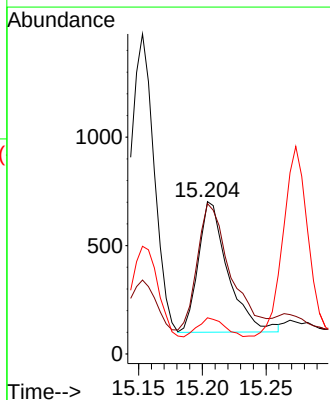
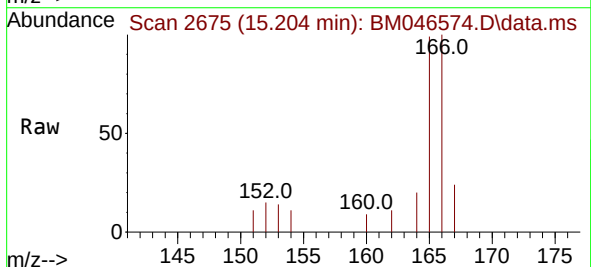
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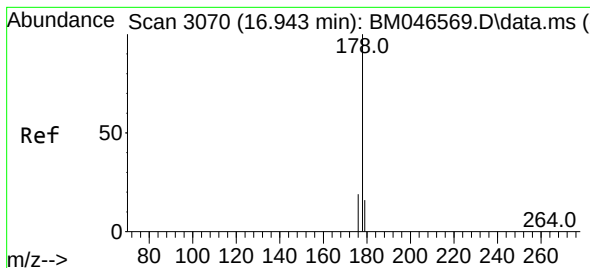
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.204 min Scan# 2675
Delta R.T. -0.002 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36

Tgt Ion:166 Resp: 977
Ion Ratio Lower Upper
166 100
165 98.7 76.1 114.1
167 23.8 12.5 18.7#





#15

Phenanthrene

Concen: 0.531 ng/u1

RT: 16.942 min Scan# 3070

Delta R.T. -0.002 min

Lab File: BM046574.D

Acq: 13 Jul 2024 09:36

Instrument :

BNA_M

ClientSampleId :

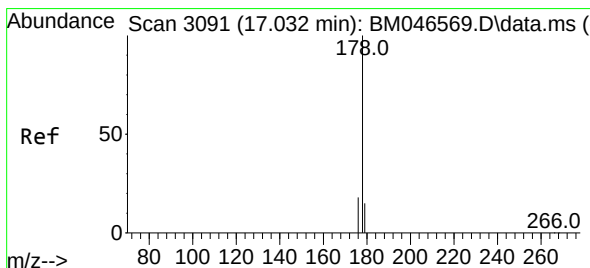
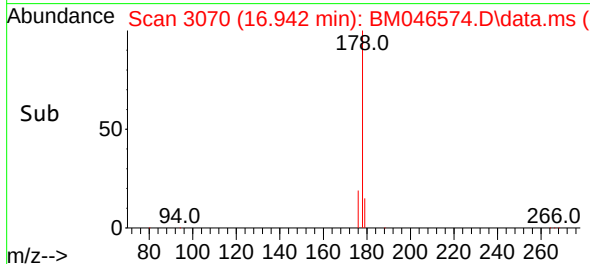
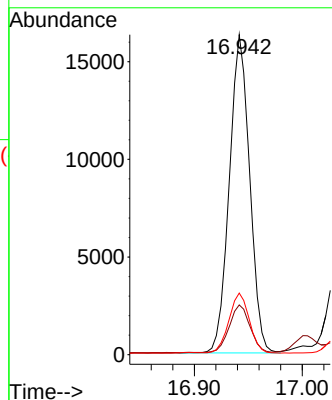
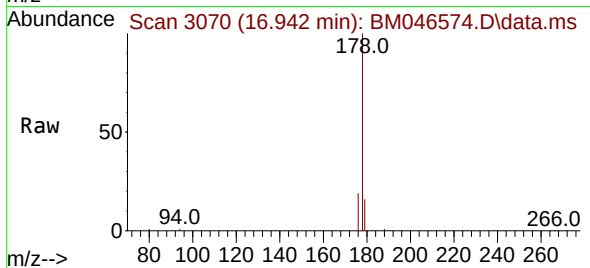
A4CZ3

Tgt Ion:	178	Resp:	2135
Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.1	19.7
176	19.2	16.0	24.0

Manual Integrations

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#16

Anthracene

Concen: 0.155 ng/u1

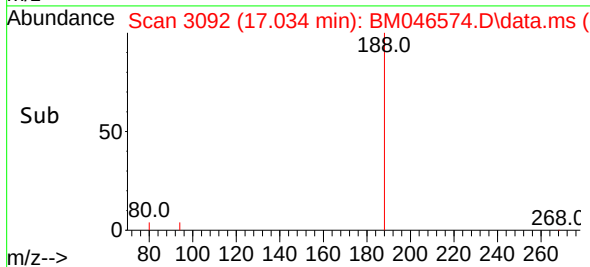
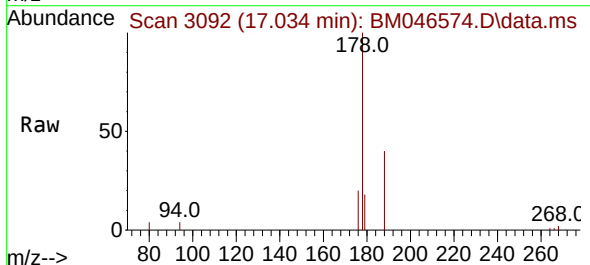
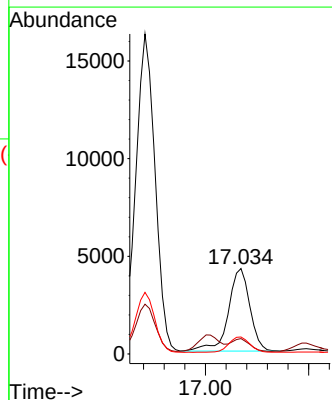
RT: 17.034 min Scan# 3092

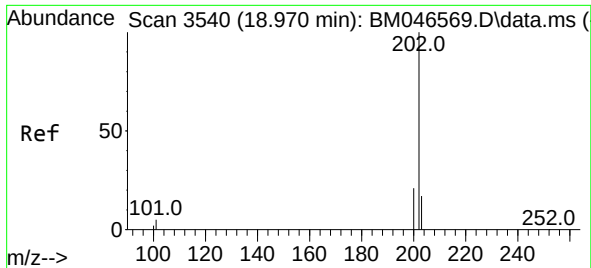
Delta R.T. 0.003 min

Lab File: BM046574.D

Acq: 13 Jul 2024 09:36

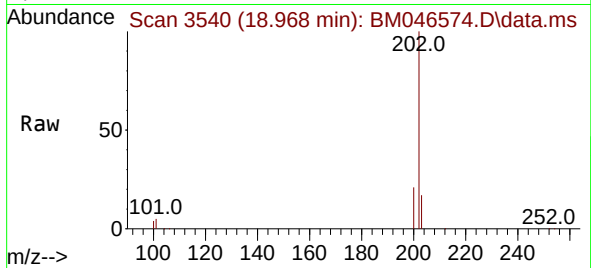
Tgt Ion:	178	Resp:	6088
Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.5	20.3
176	19.8	15.7	23.5





#19
Fluoranthene
Concen: 1.105 ng/u1
RT: 18.968 min Scan# 3540
Delta R.T. -0.002 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36

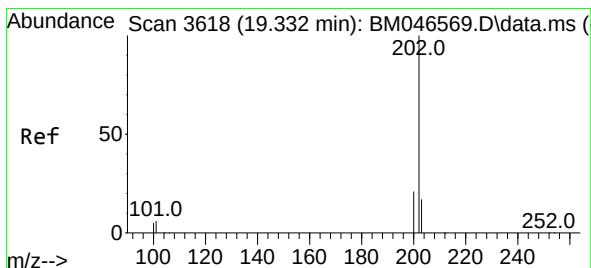
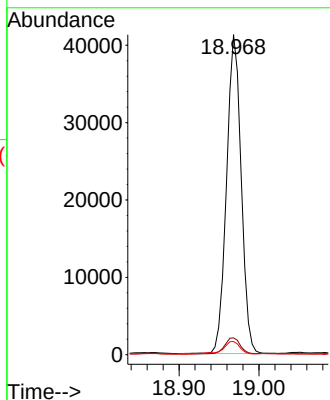
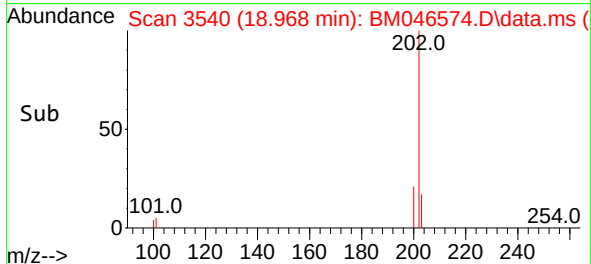
Instrument :
BNA_M
ClientSampleId :
A4CZ3



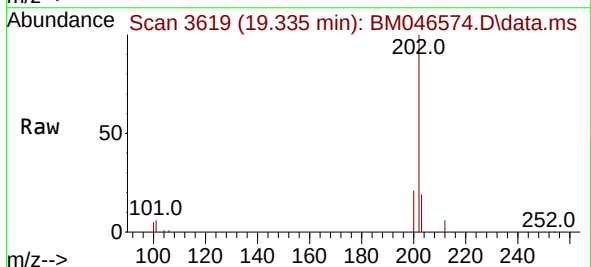
Tgt Ion:202 Resp: 5232
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 4.1 3.0 4.6

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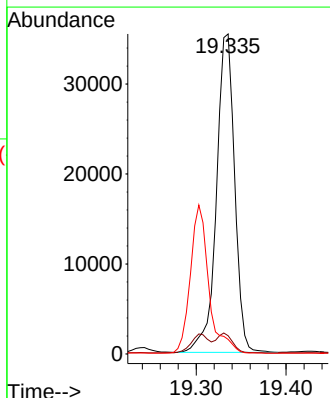
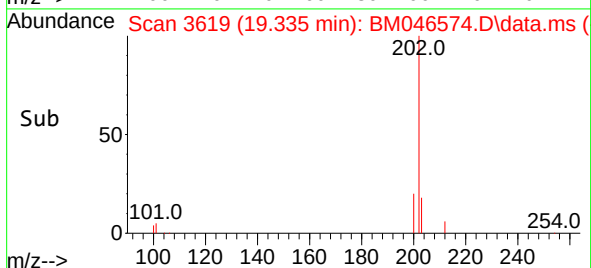
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

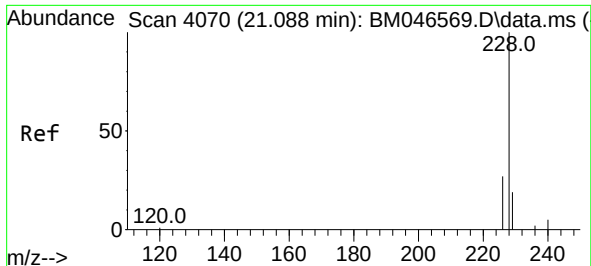


#20
Pyrene
Concen: 0.967 ng/u1
RT: 19.335 min Scan# 3619
Delta R.T. 0.003 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36



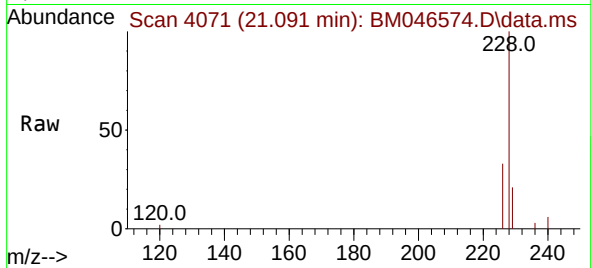
Tgt Ion:202 Resp: 49549
Ion Ratio Lower Upper
202 100
101 5.7 5.1 7.7
100 4.5 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.514 ng/ul
RT: 21.091 min Scan# 4071
Delta R.T. 0.003 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36

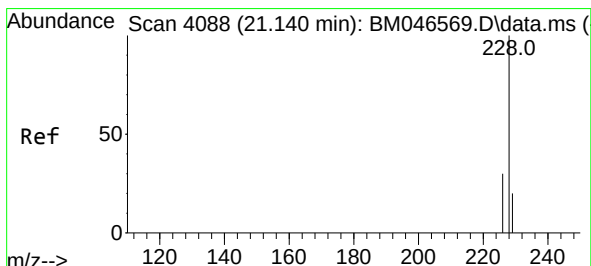
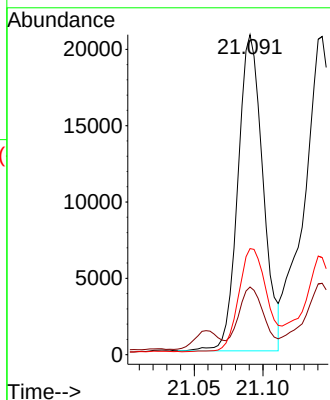
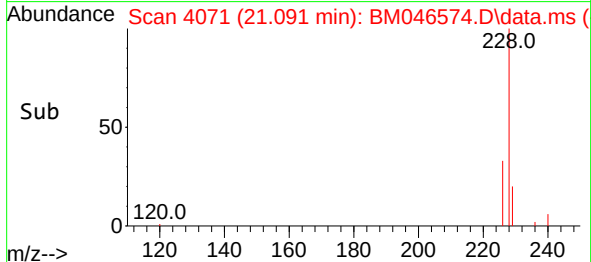
Instrument :
BNA_M
ClientSampleId :
A4CZ3



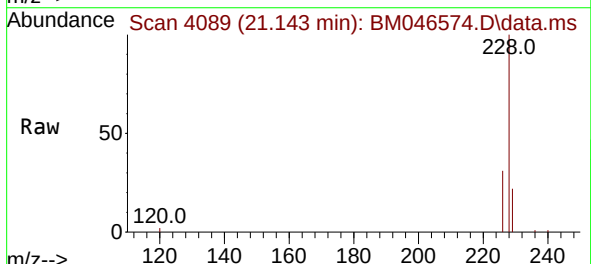
Tgt Ion:228 Resp: 26224
Ion Ratio Lower Upper
228 100
229 21.2 16.5 24.7
226 33.1 22.5 33.7

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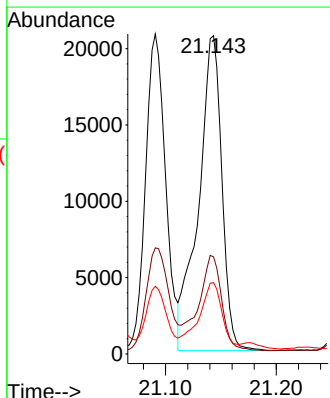
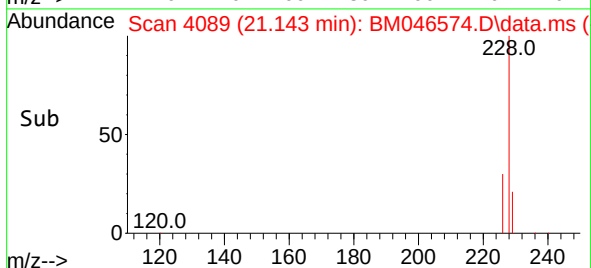
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

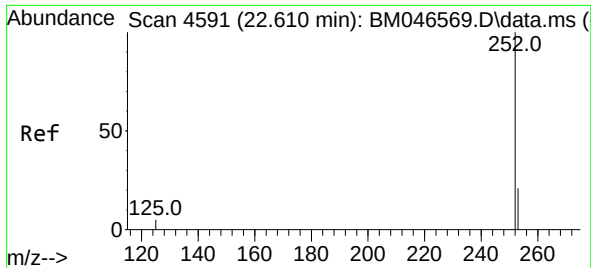


#22
Chrysene
Concen: 0.613 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. 0.003 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36



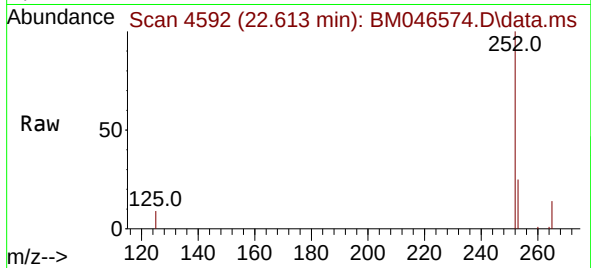
Tgt Ion:228 Resp: 30225
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.892 ng/ul m
RT: 22.613 min Scan# 4591
Delta R.T. 0.003 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36

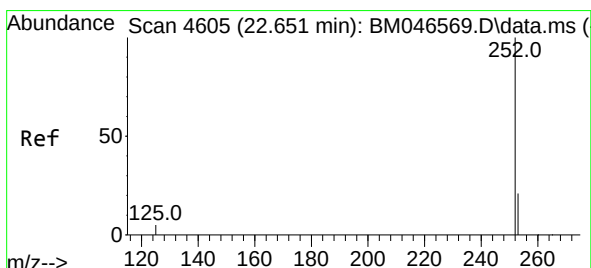
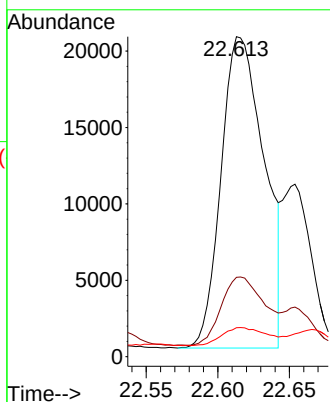
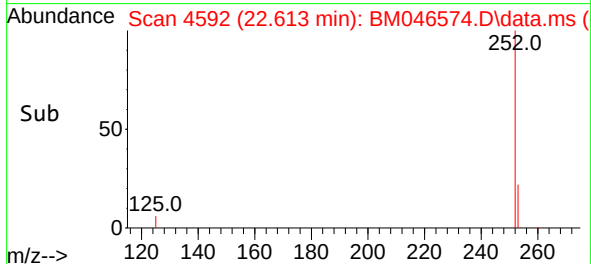
Instrument :
BNA_M
ClientSampleId :
A4CZ3



Tgt Ion:252 Resp: 42730
Ion Ratio Lower Upper
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253 24.8 0.0 56.2
125 9.0 0.0 17.8

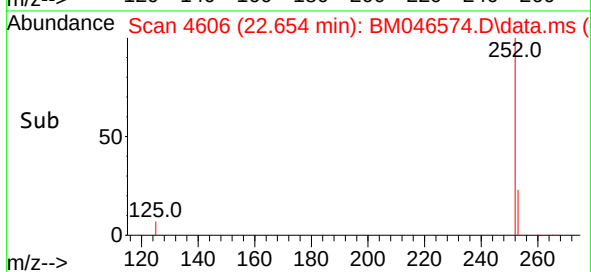
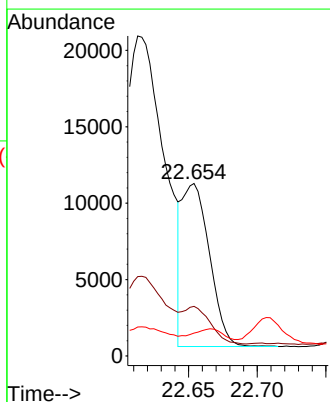
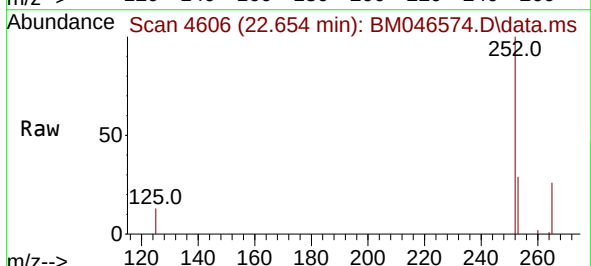
Manual Integrations
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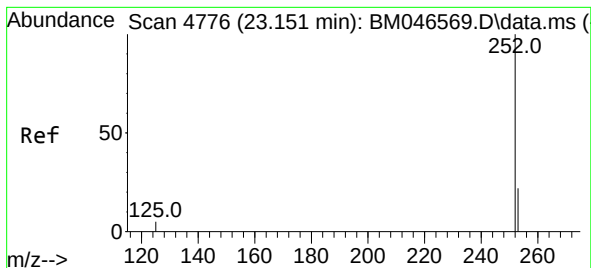
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul m
RT: 22.654 min Scan# 4606
Delta R.T. 0.003 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36

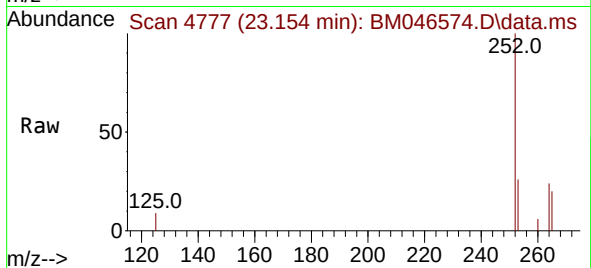
Tgt Ion:252 Resp: 14832
Ion Ratio Lower Upper
252 100
253 28.8 22.4 33.6
125 13.3 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.698 ng/ul
RT: 23.154 min Scan# 4776
Delta R.T. 0.003 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36

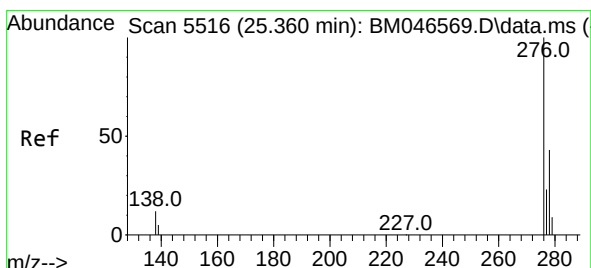
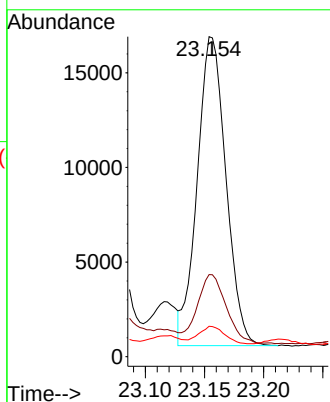
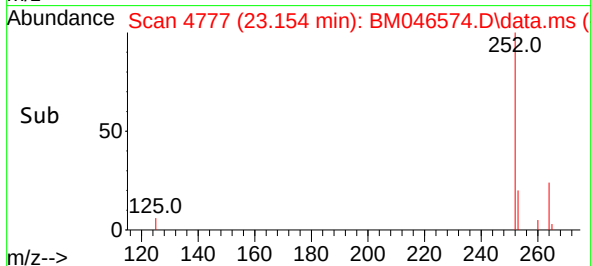
Instrument :
BNA_M
ClientSampleId :
A4CZ3



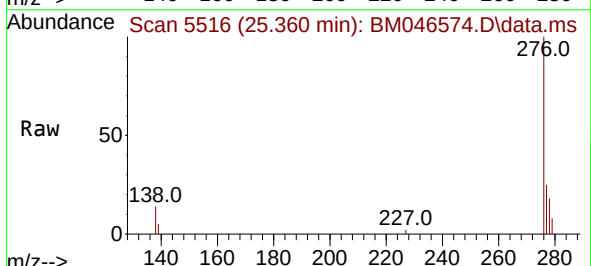
Tgt Ion:252 Resp: 2753
Ion Ratio Lower Upper
252 100
253 25.6 24.0 36.0
125 9.5 8.2 12.2

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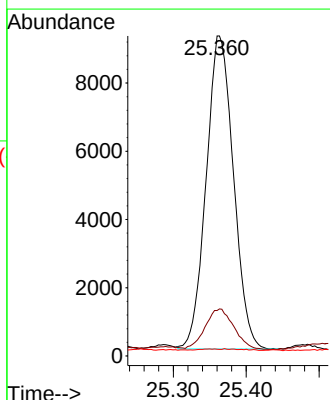
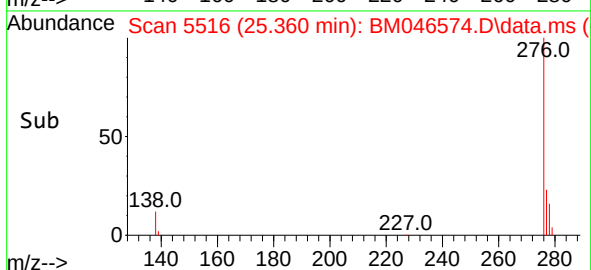
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

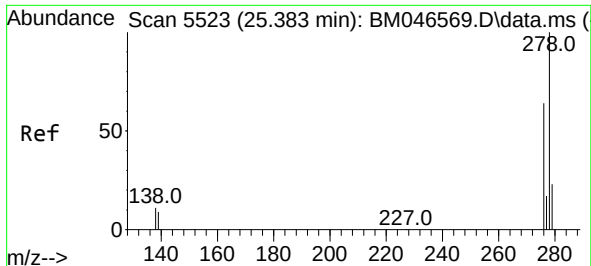


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 25.360 min Scan# 5516
Delta R.T. 0.000 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36



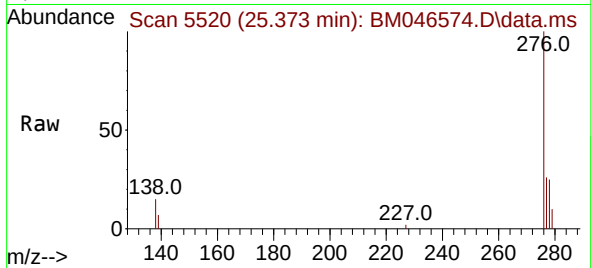
Tgt Ion:276 Resp: 23872
Ion Ratio Lower Upper
276 100
138 13.6 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.120 ng/ul
RT: 25.373 min Scan# 5523
Delta R.T. -0.010 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36

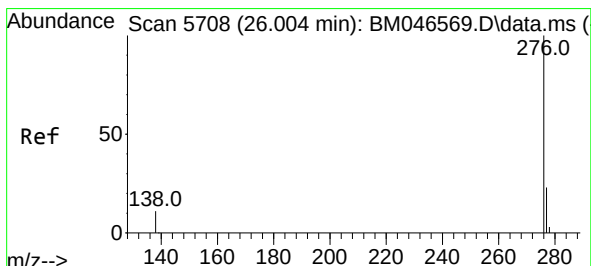
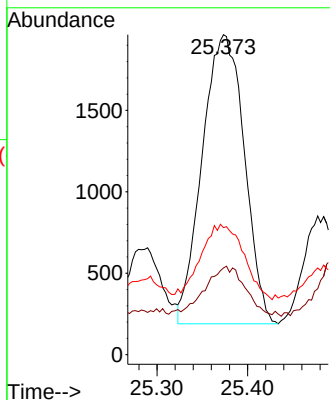
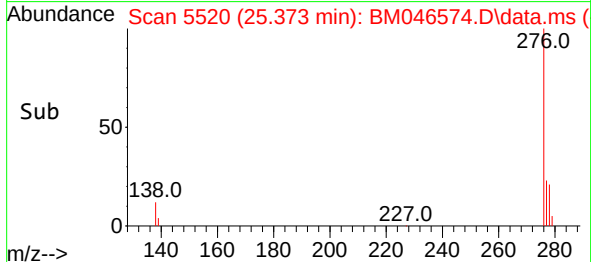
Instrument :
BNA_M
ClientSampleId :
A4CZ3



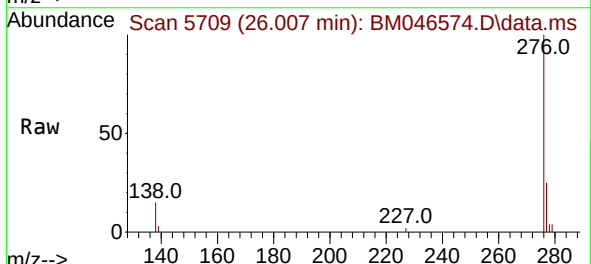
Tgt Ion:278 Resp: 5719
Ion Ratio Lower Upper
278 100
139 27.1 9.1 13.7
279 39.7 23.2 34.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.505 ng/ul
RT: 26.007 min Scan# 5709
Delta R.T. 0.003 min
Lab File: BM046574.D
Acq: 13 Jul 2024 09:36



Tgt Ion:276 Resp: 24194
Ion Ratio Lower Upper
276 100
138 14.7 10.2 15.4
277 25.2 20.9 31.3

