

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046823.D
 Acq On : 26 Jul 2024 10:28
 Operator : MA/JU
 Sample : P3264-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 26 10:58:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	3457	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	9938	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	7474	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	13832	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.085	240	6678	0.400	ng/ul	# 0.00
23) Perylene-d12	23.218	264	7205	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	6865	2.836	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	3547	0.225	ng/ul	0.00
18) Fluoranthene-d10	18.912	212	6376	0.293	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.275	128	10616	0.422	ng/ul	99
7) 2-Methylnaphthalene	11.903	142	5126	0.296	ng/ul	99
8) 1-Methylnaphthalene	12.123	142	3363	0.188	ng/ul	98
10) Acenaphthylene	13.830	152	21613	0.631	ng/ul	99
11) Acenaphthene	14.177	153	8907	0.383	ng/ul	98
12) Fluorene	15.176	166	9468	0.326	ng/ul	97
14) Pentachlorophenol	16.532	266	681	0.109	ng/ul	96
15) Phenanthrene	16.912	178	215807	5.428	ng/ul	97
16) Anthracene	17.005	178	42358	1.145	ng/ul	99
19) Fluoranthene	18.945	202	396580	13.522	ng/ul	98
20) Pyrene	19.307	202	268542	8.851	ng/ul	100
21) Benzo(a)anthracene	21.067	228	144382	5.188	ng/ul	97
22) Chrysene	21.120	228	170366	6.027	ng/ul	99
24) Benzo(b)fluoranthene	22.587	252	229603m	7.259	ng/ul	
25) Benzo(k)fluoranthene	22.625	252	71778m	2.252	ng/ul	
26) Benzo(a)pyrene	23.124	252	70836	3.119	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.323	276	78662	2.251	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.330	278	26012	1.017	ng/ul#	96
29) Benzo(g,h,i)perylene	25.967	276	12807	0.416	ng/ul#	85

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

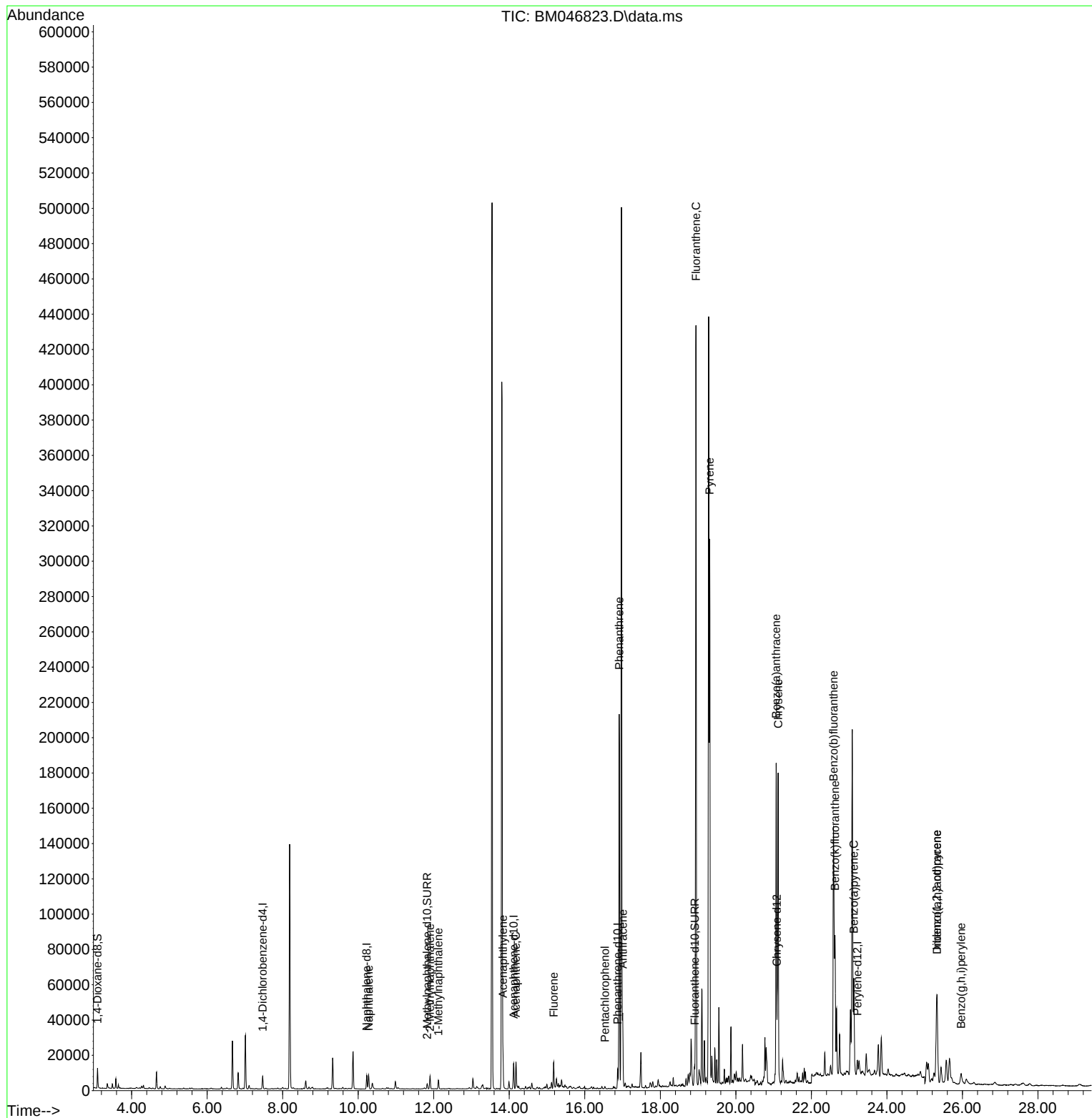
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046823.D
Acq On : 26 Jul 2024 10:28
Operator : MA/JU
Sample : P3264-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

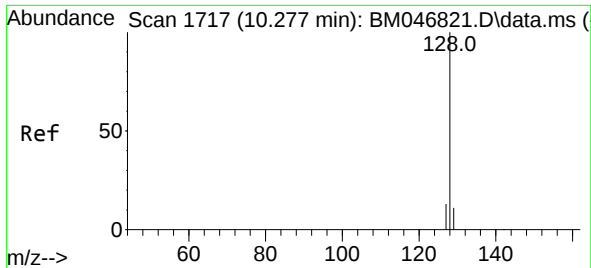
Instrument :
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A4CL2

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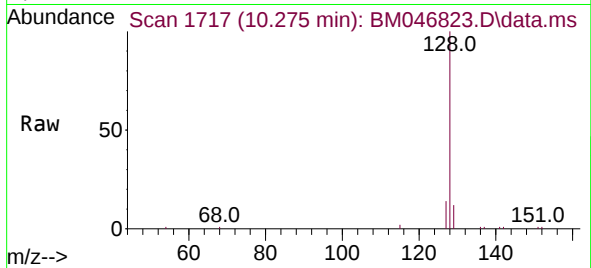
Quant Time: Jul 26 10:58:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.422 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046823.D
Acq: 26 Jul 2024 10:28

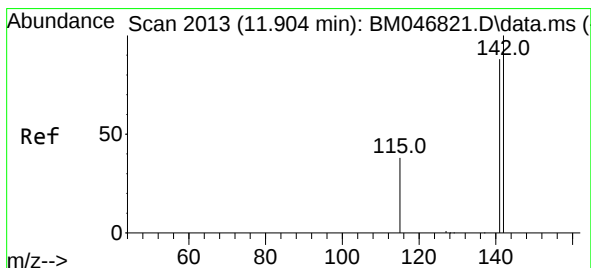
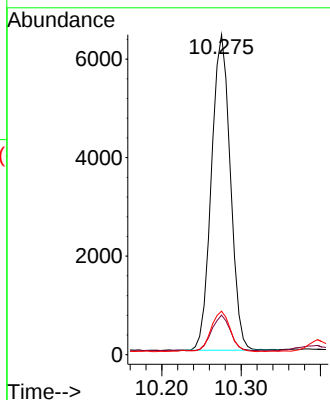
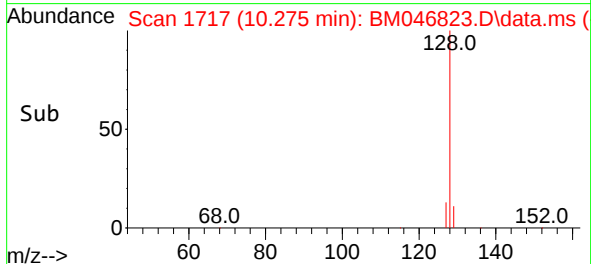
Instrument :
BNA_M
ClientSampleId :
A4CL2



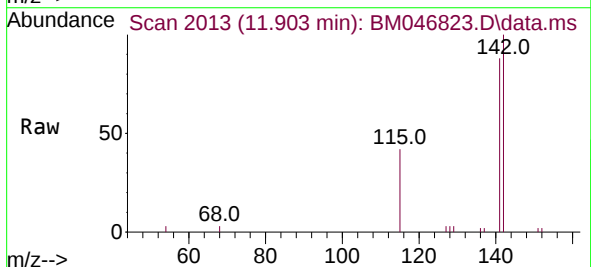
Tgt Ion:128 Resp: 10610
Ion Ratio Lower Upper
128 100
129 12.4 10.1 15.1
127 13.6 11.5 17.3

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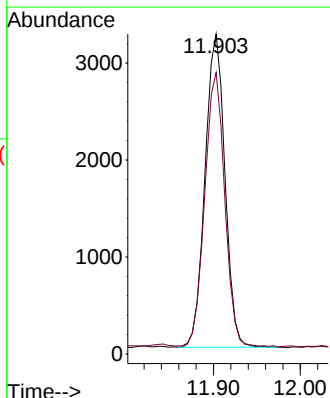
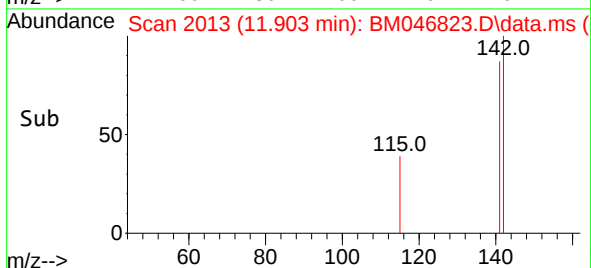
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

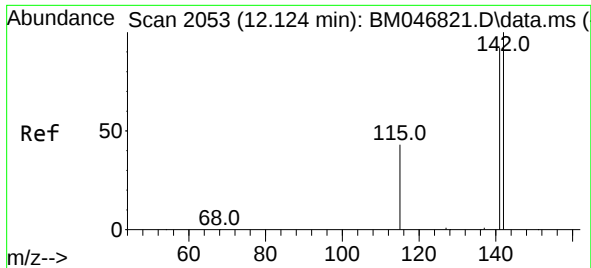


#7
2-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046823.D
Acq: 26 Jul 2024 10:28



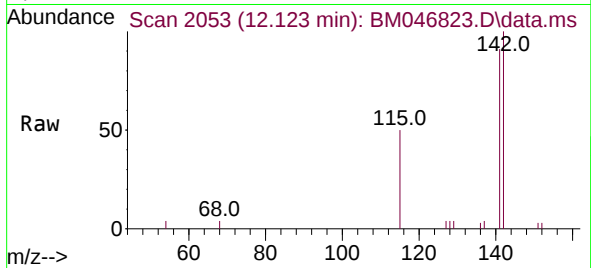
Tgt Ion:142 Resp: 5126
Ion Ratio Lower Upper
142 100
141 88.6 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.007 min
Lab File: BM046823.D
Acq: 26 Jul 2024 10:28

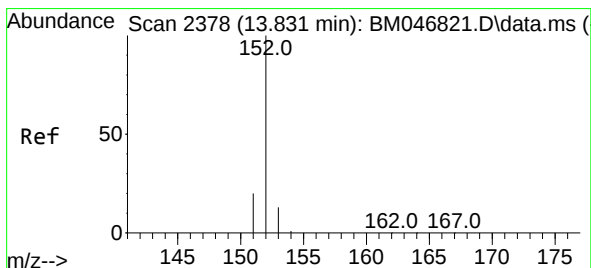
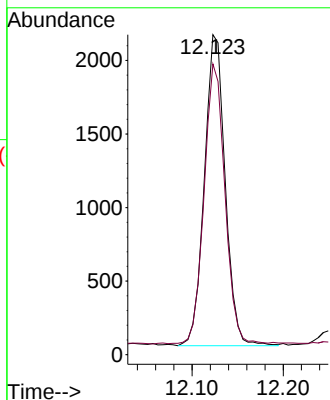
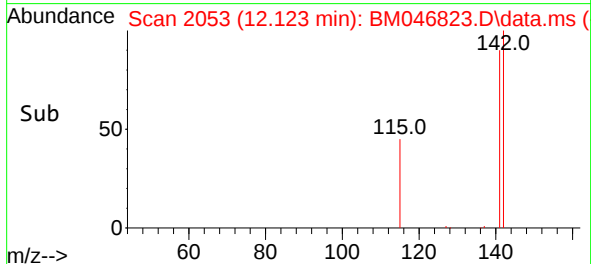
Instrument :
BNA_M
ClientSampleId :
A4CL2



Tgt Ion:142 Resp: 336
Ion Ratio Lower Upper
142 100
141 89.5 73.1 109.7

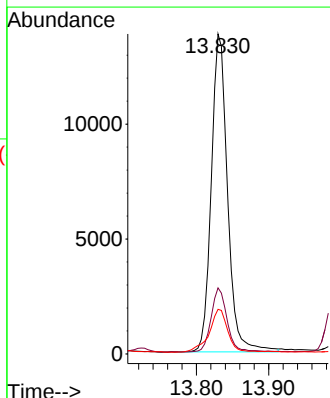
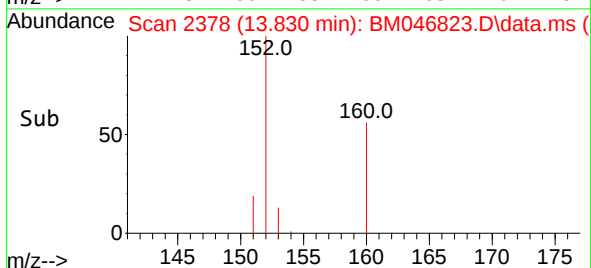
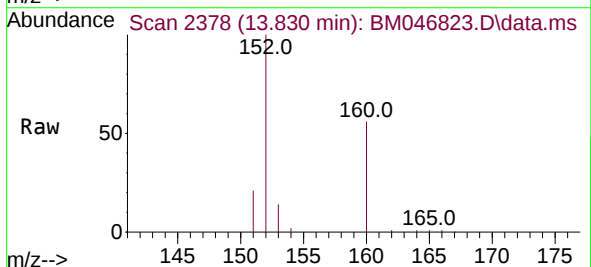
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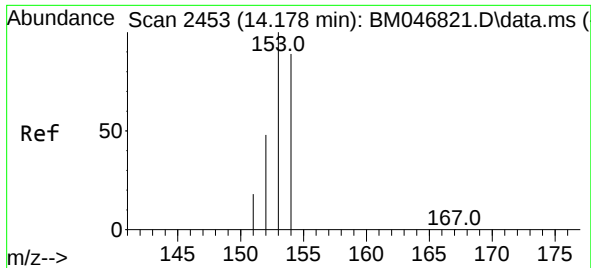
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Acenaphthylene
Concen: 0.631 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.001 min
Lab File: BM046823.D
Acq: 26 Jul 2024 10:28

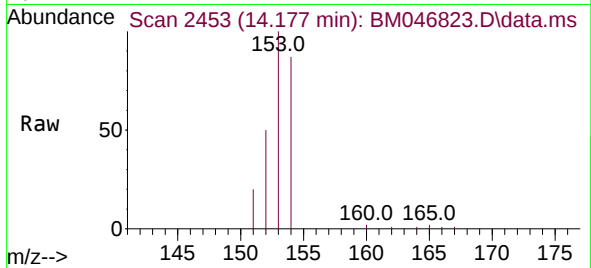
Tgt Ion:152 Resp: 21613
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 14.0 11.0 16.6





#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM046823.D
Acq: 26 Jul 2024 10:28

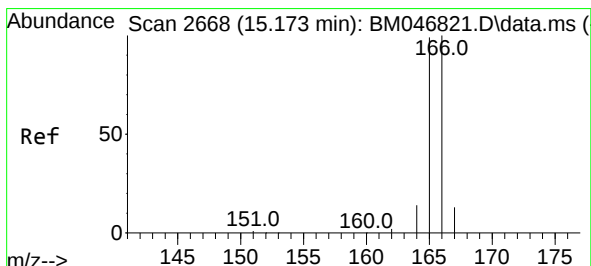
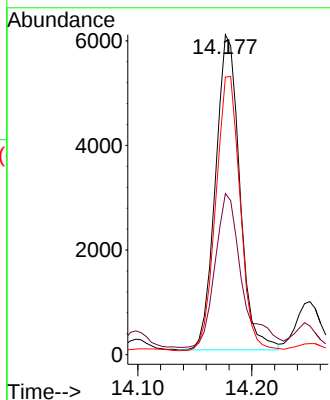
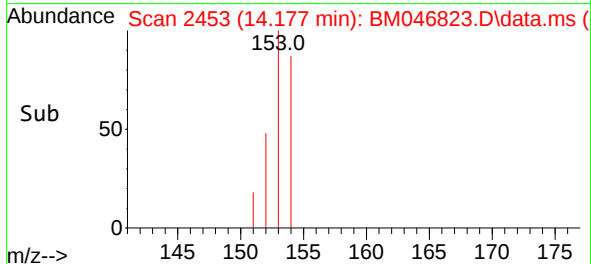
Instrument :
BNA_M
ClientSampleId :
A4CL2



Tgt Ion:153 Resp: 890
Ion Ratio Lower Upper
153 100
152 50.3 38.6 57.8
154 86.7 70.8 106.2

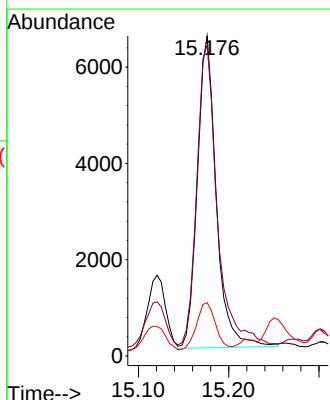
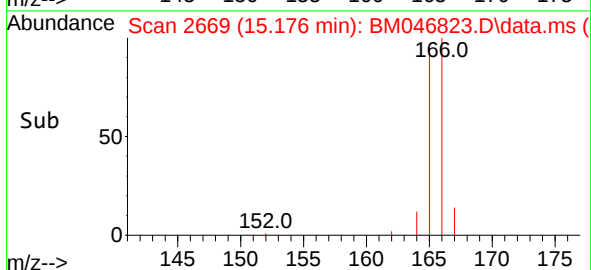
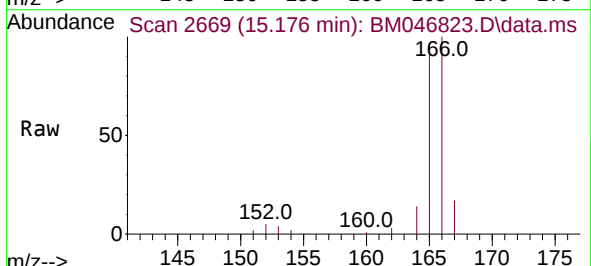
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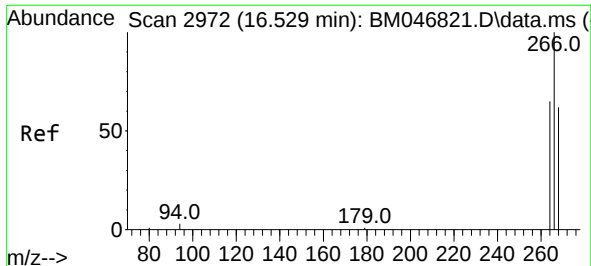
Reviewed By :Yogesh Patel 07/27/2024
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#12
Fluorene
Concen: 0.326 ng/ul
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046823.D
Acq: 26 Jul 2024 10:28

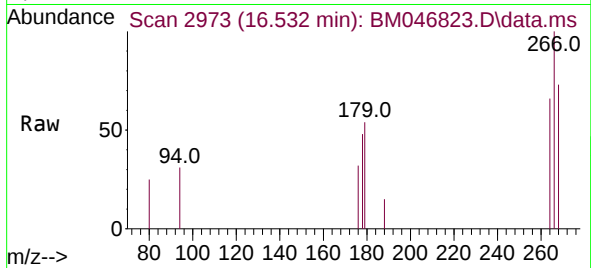
Tgt Ion:166 Resp: 9468
Ion Ratio Lower Upper
166 100
165 97.1 79.8 119.6
167 16.7 12.3 18.5





#14
Pentachlorophenol
Concen: 0.109 ng/ul
RT: 16.532 min Scan# 2972
Delta R.T. -0.001 min
Lab File: BM046823.D
Acq: 26 Jul 2024 10:28

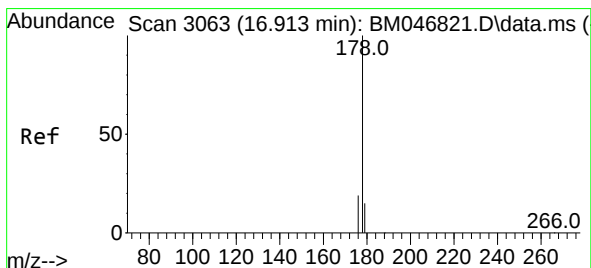
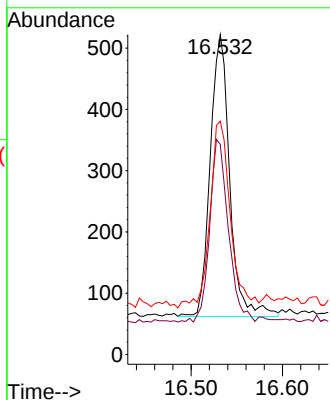
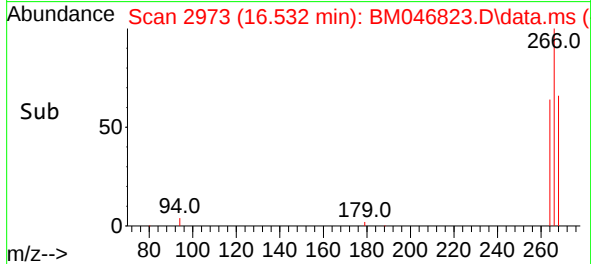
Instrument :
BNA_M
ClientSampleId :
A4CL2



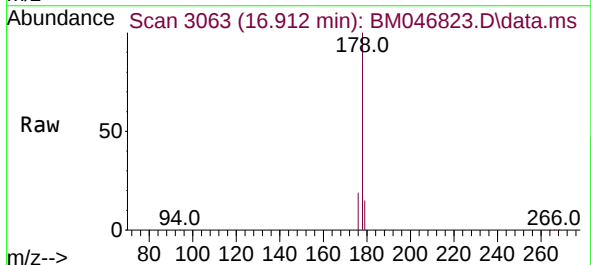
Tgt Ion:266 Resp: 68.1
Ion Ratio Lower Upper
266 100
264 62.1 51.1 76.7
268 69.3 51.8 77.6

Manual Integrations
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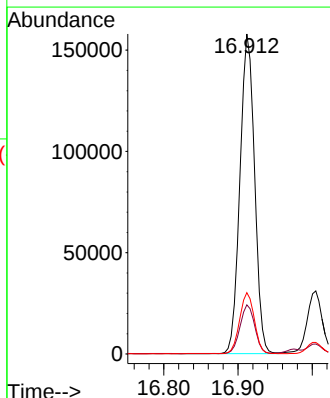
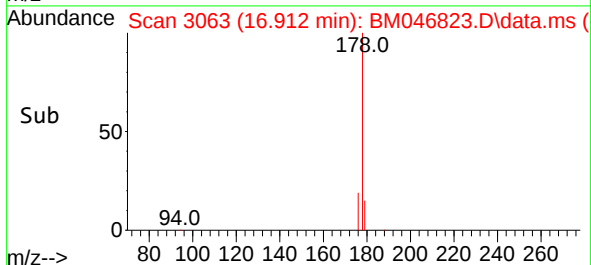
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

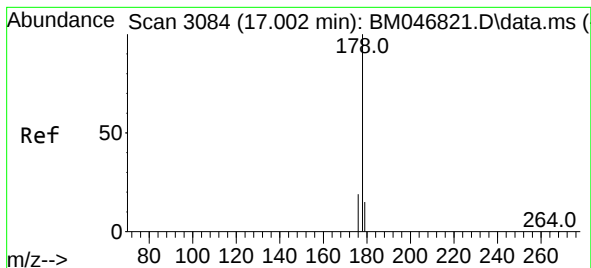


#15
Phenanthrene
Concen: 5.428 ng/ul
RT: 16.912 min Scan# 3063
Delta R.T. -0.001 min
Lab File: BM046823.D
Acq: 26 Jul 2024 10:28



Tgt Ion:178 Resp: 215807
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 19.2 16.1 24.1





#16

Anthracene

Concen: 1.145 ng/ul

RT: 17.005 min Scan# 3084

Delta R.T. -0.001 min

Lab File: BM046823.D

Acq: 26 Jul 2024 10:28

Instrument :

BNA_M

ClientSampleId :

A4CL2

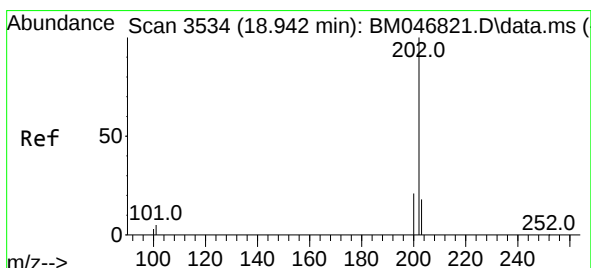
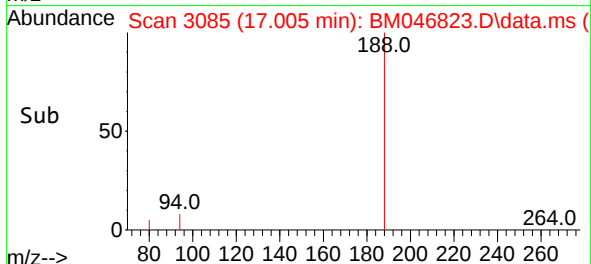
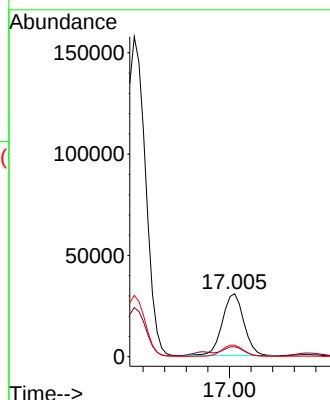
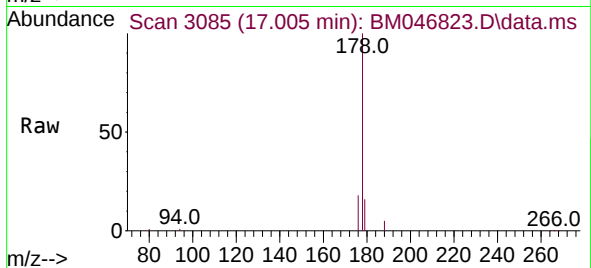
Tgt Ion:	178	Resp:	42358
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.1	19.7
176	18.3	15.0	22.6

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#19

Fluoranthene

Concen: 13.522 ng/ul

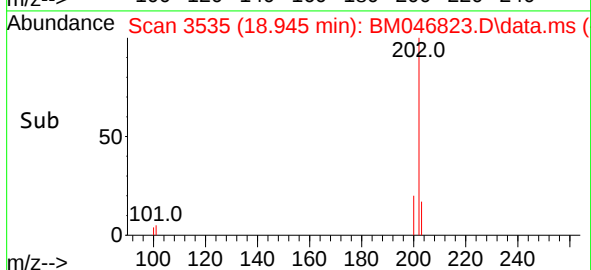
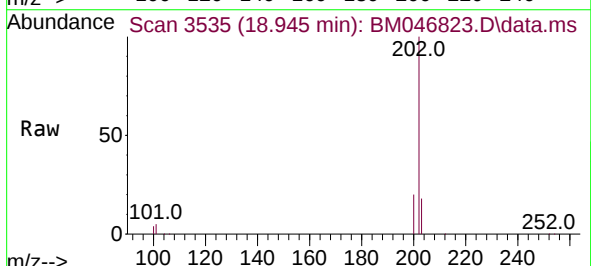
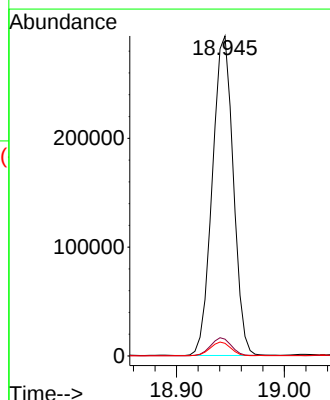
RT: 18.945 min Scan# 3535

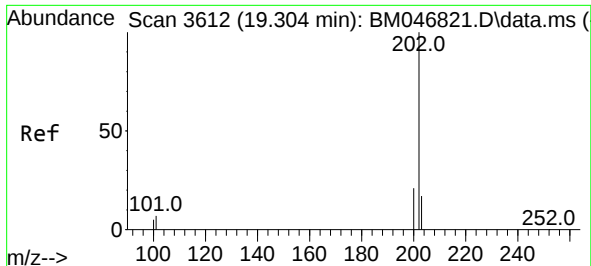
Delta R.T. 0.003 min

Lab File: BM046823.D

Acq: 26 Jul 2024 10:28

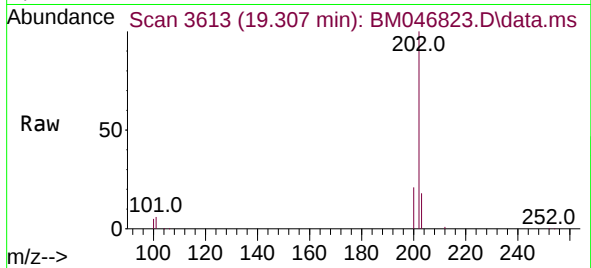
Tgt Ion:	202	Resp:	396580
Ion Ratio	Lower	Upper	
202	100		
101	5.3	4.7	7.1
100	4.0	3.4	5.2





#20
Pyrene
Concen: 8.851 ng/ul
RT: 19.307 min Scan# 30
Delta R.T. 0.003 min
Lab File: BM046823.D
Acq: 26 Jul 2024 10:28

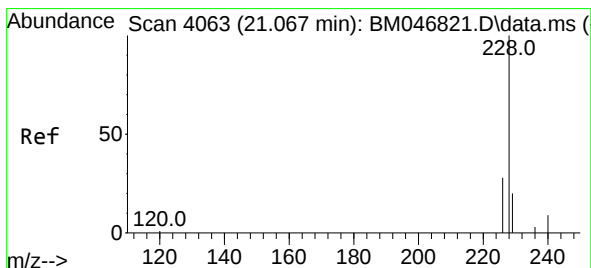
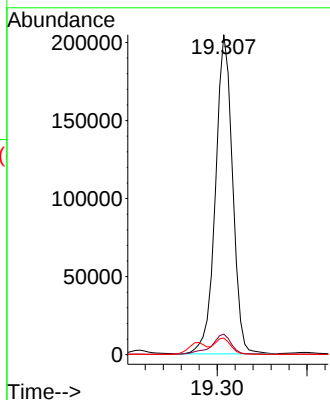
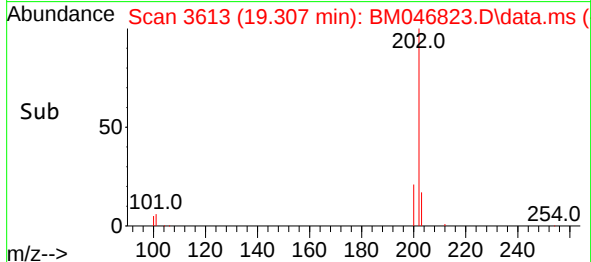
Instrument :
BNA_M
ClientSampleId :
A4CL2



Tgt Ion:202 Resp: 26854
Ion Ratio Lower Upper
202 100
101 6.4 5.2 7.8
100 5.2 4.3 6.5

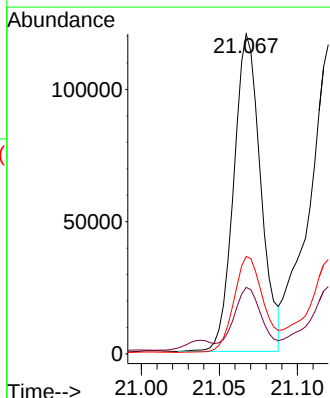
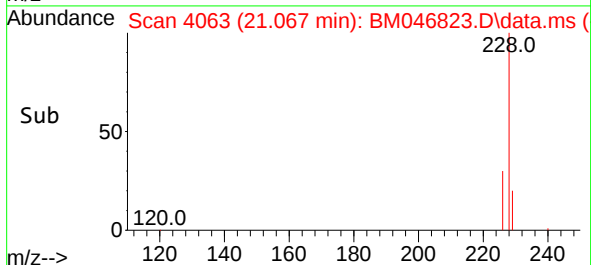
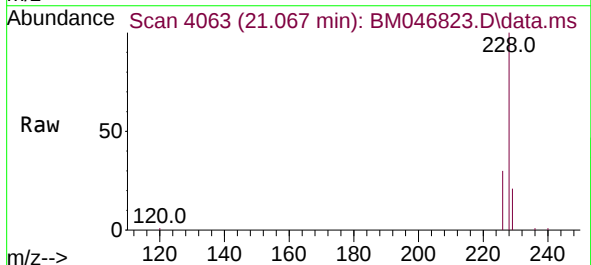
Manual Integrations
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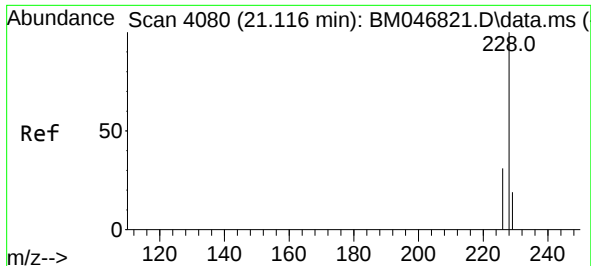
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#21
Benzo(a)anthracene
Concen: 5.188 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046823.D
Acq: 26 Jul 2024 10:28

Tgt Ion:228 Resp: 144382
Ion Ratio Lower Upper
228 100
229 20.8 16.3 24.5
226 30.5 22.3 33.5





#22

Chrysene

Concen: 6.027 ng/ul

RT: 21.120 min Scan# 4081

Delta R.T. 0.003 min

Lab File: BM046823.D

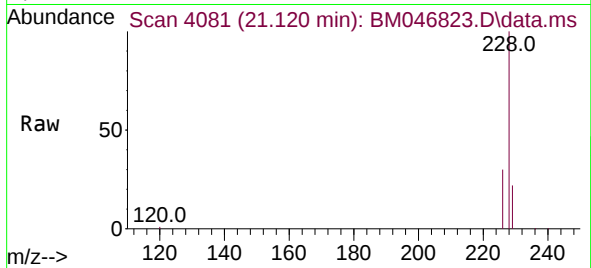
Acq: 26 Jul 2024 10:28

Instrument :

BNA_M

ClientSampleId :

A4CL2



Tgt Ion:228 Resp: 170360

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

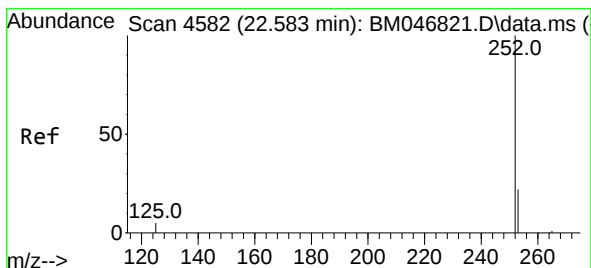
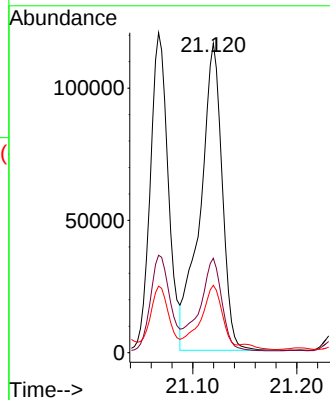
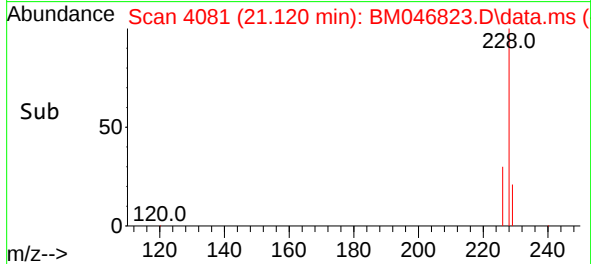
229 21.8 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#24

Benzo(b)fluoranthene

Concen: 7.259 ng/ul m

RT: 22.587 min Scan# 4583

Delta R.T. 0.006 min

Lab File: BM046823.D

Acq: 26 Jul 2024 10:28

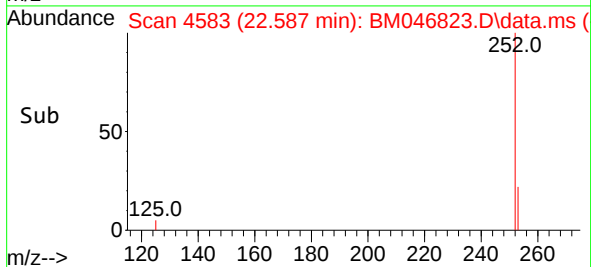
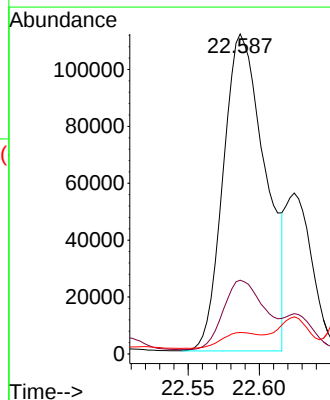
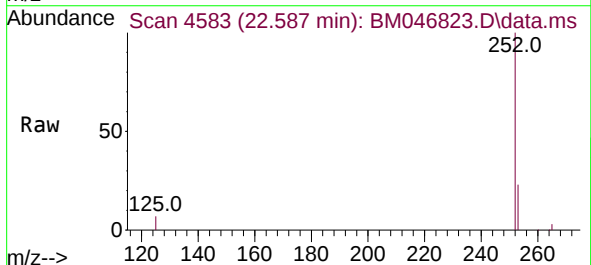
Tgt Ion:252 Resp: 229603

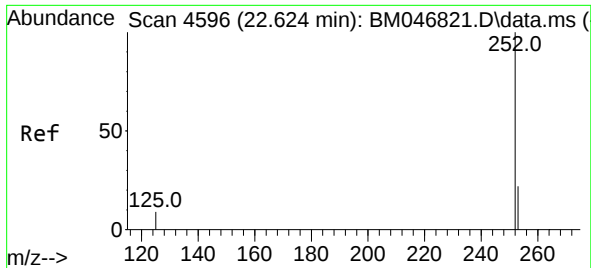
Ion Ratio Lower Upper

252 100

253 23.1 0.0 56.4

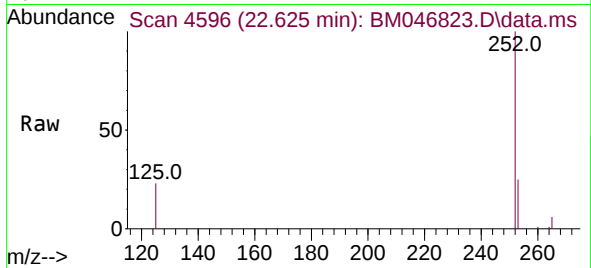
125 6.7 0.0 15.8





#25
Benzo(k)fluoranthene
Concen: 2.252 ng/ul m
RT: 22.625 min Scan# 4596
Delta R.T. 0.003 min
Lab File: BM046823.D
Acq: 26 Jul 2024 10:28

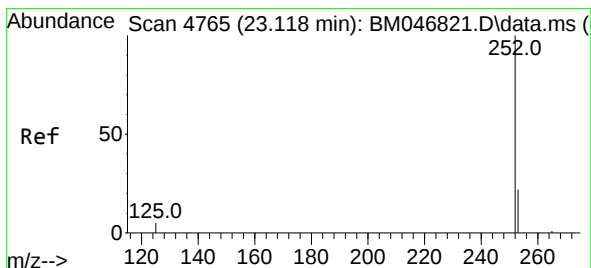
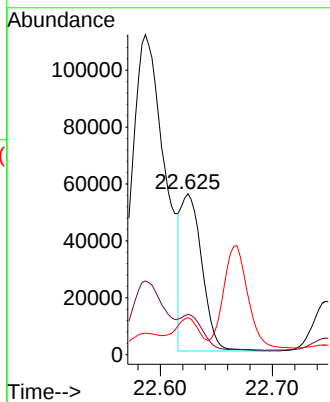
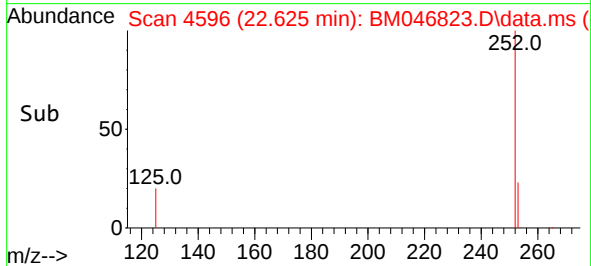
Instrument :
BNA_M
ClientSampleId :
A4CL2



Tgt Ion:252 Resp: 71778
Ion Ratio Lower Upper
252 100
253 25.0 23.5 35.3
125 23.1 8.6 13.0

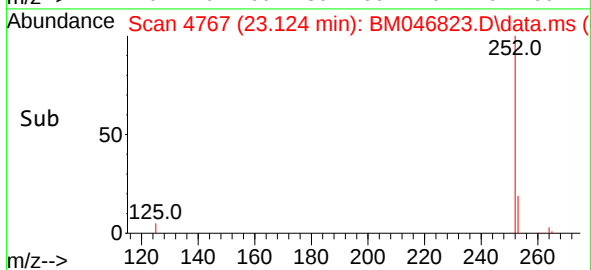
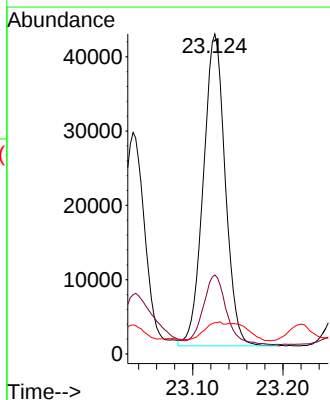
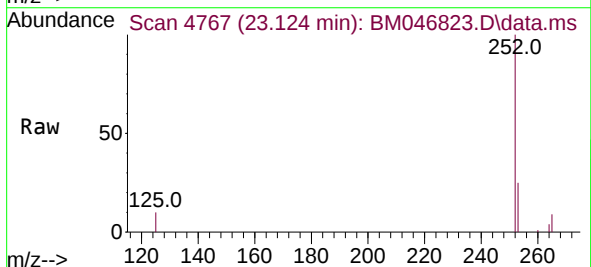
Manual Integrations
APPROVED

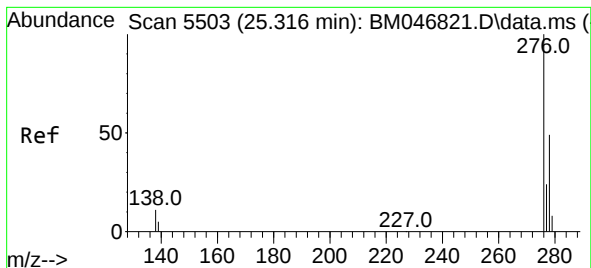
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#26
Benzo(a)pyrene
Concen: 3.119 ng/ul
RT: 23.124 min Scan# 4767
Delta R.T. 0.006 min
Lab File: BM046823.D
Acq: 26 Jul 2024 10:28

Tgt Ion:252 Resp: 70836
Ion Ratio Lower Upper
252 100
253 24.7 26.0 39.0#
125 9.8 7.8 11.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.251 ng/ul

RT: 25.323 min Scan# 5503

Delta R.T. 0.007 min

Lab File: BM046823.D

Acq: 26 Jul 2024 10:28

Instrument :

BNA_M

ClientSampleId :

A4CL2

Tgt Ion:276 Resp: 78662

Ion Ratio Lower Upper

276 100

138 14.6 9.7 14.5

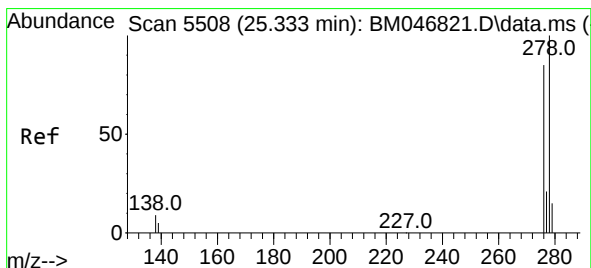
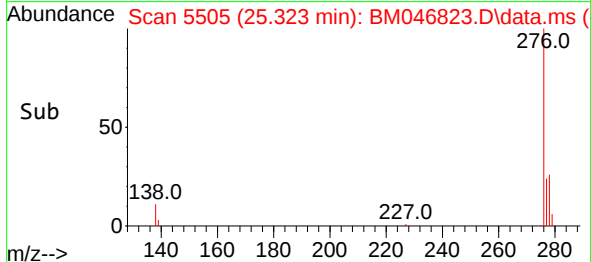
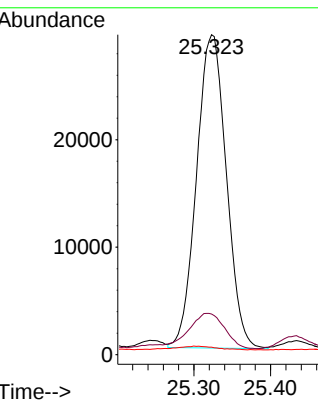
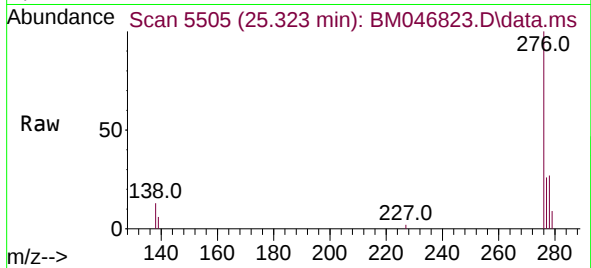
227 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#28

Dibenzo(a,h)anthracene

Concen: 1.017 ng/ul

RT: 25.330 min Scan# 5507

Delta R.T. -0.003 min

Lab File: BM046823.D

Acq: 26 Jul 2024 10:28

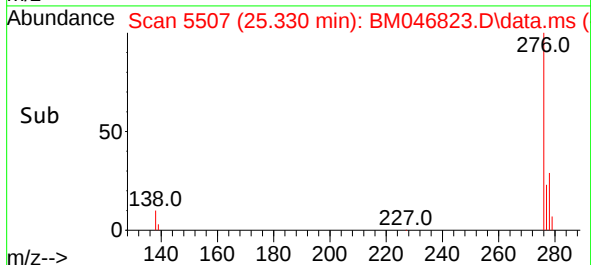
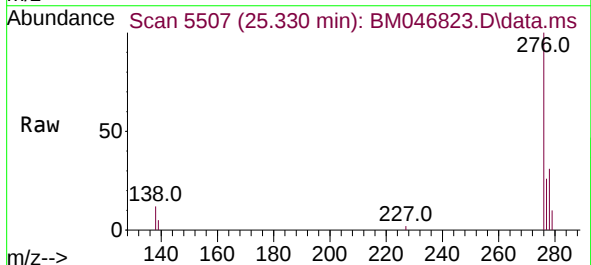
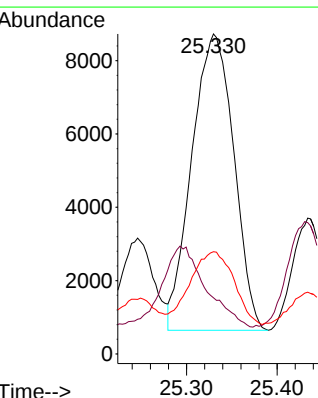
Tgt Ion:278 Resp: 26012

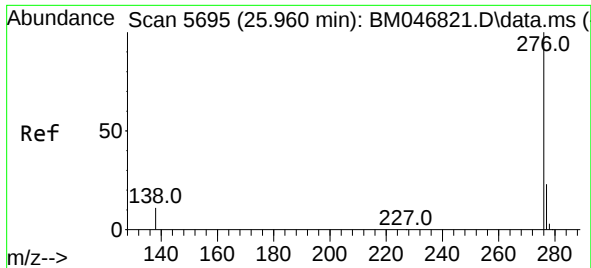
Ion Ratio Lower Upper

278 100

139 17.5 9.8 14.8

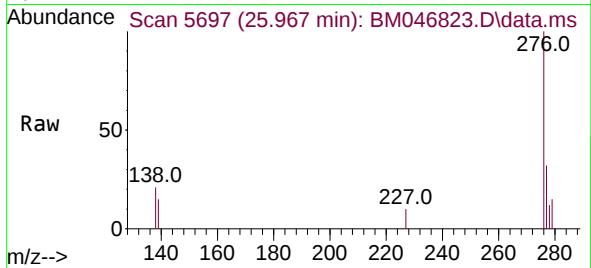
279 32.0 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 25.967 min Scan# 50
Delta R.T. 0.014 min
Lab File: BM046823.D
Acq: 26 Jul 2024 10:28

Instrument :
BNA_M
ClientSampleId :
A4CL2



Tgt Ion:276 Resp: 1280
Ion Ratio Lower Upper
276 100
138 21.4 9.5 14.3
277 31.7 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

