

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046419.D
 Acq On : 06 Jul 2024 15:10
 Operator : MA/JU
 Sample : P2982-13
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CG0

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 00:48:59 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 05 16:01:25 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	11179	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	32946	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.177	164	19359	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	36062	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	15690	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	15549	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	19691	1.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.897	152	8644	0.177	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	11616	0.211	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.347	128	2262	0.026	ng/ul#	85
7) 2-Methylnaphthalene	11.974	142	1295	0.022	ng/ul	98
8) 1-Methylnaphthalene	12.194	142	1500	0.025	ng/ul	99
10) Acenaphthylene	13.895	152	16612	0.169	ng/ul	98
11) Acenaphthene	14.242	153	8513	0.133	ng/ul	98
12) Fluorene	15.236	166	14502	0.192	ng/ul	99
15) Phenanthrene	16.971	178	230698	2.136	ng/ul	99
16) Anthracene	17.064	178	72238	0.690	ng/ul	100
19) Fluoranthene	19.001	202	390684	4.926	ng/ul	97
20) Pyrene	19.363	202	319913	3.920	ng/ul#	95
21) Benzo(a)anthracene	21.123	228	145741	2.079	ng/ul	96
22) Chrysene	21.172	228	128707	1.847	ng/ul	97
24) Benzo(b)fluoranthene	22.657	252	146348m	2.214	ng/ul	
25) Benzo(k)fluoranthene	22.698	252	53283m	0.798	ng/ul	
26) Benzo(a)pyrene	23.203	252	104461	1.999	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.437	276	71521	1.013	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.454	278	17851	0.327	ng/ul#	87
29) Benzo(g,h,i)perylene	26.091	276	66634	1.184	ng/ul	97

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

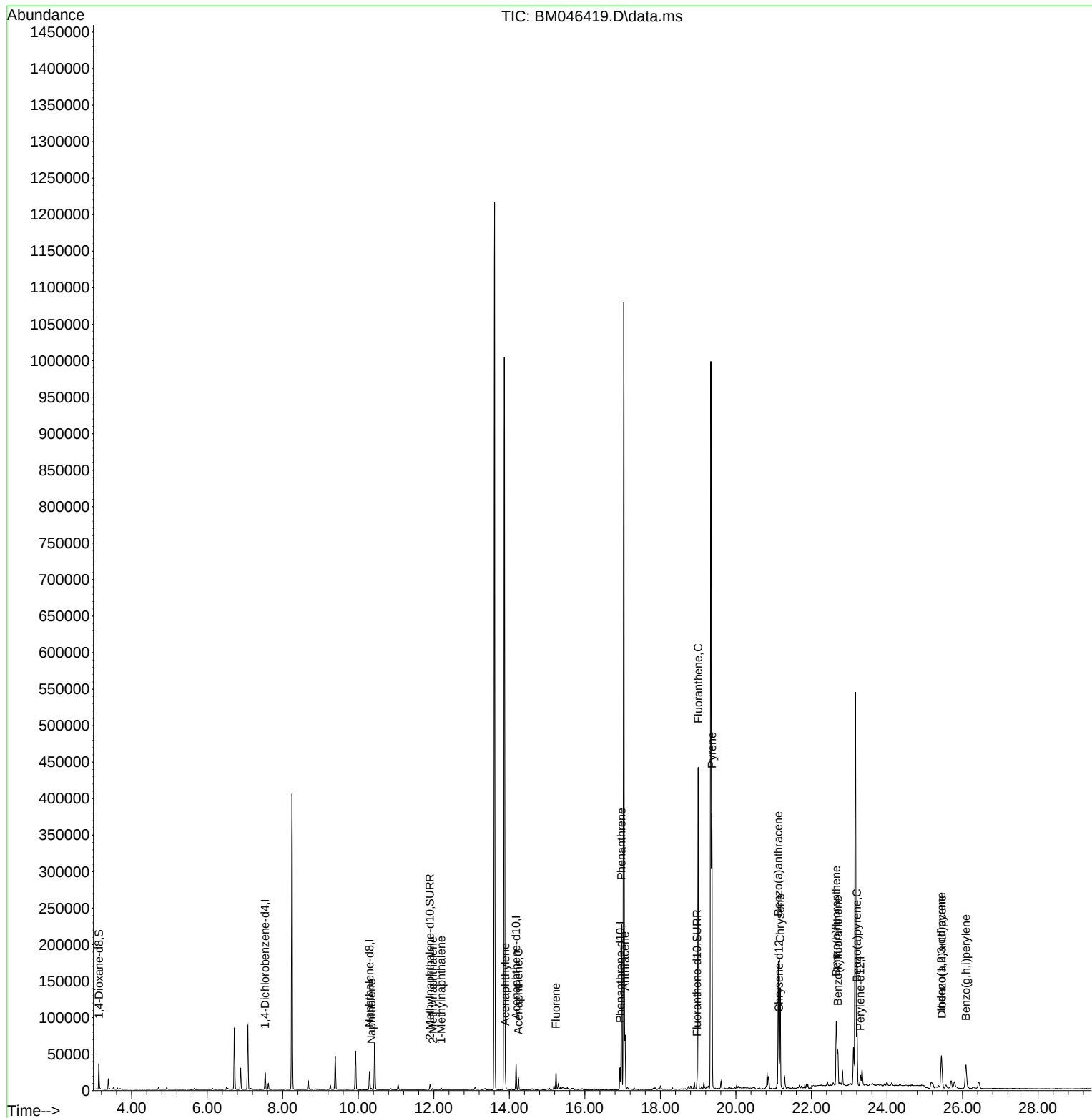
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046419.D
Acq On : 06 Jul 2024 15:10
Operator : MA/JU
Sample : P2982-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

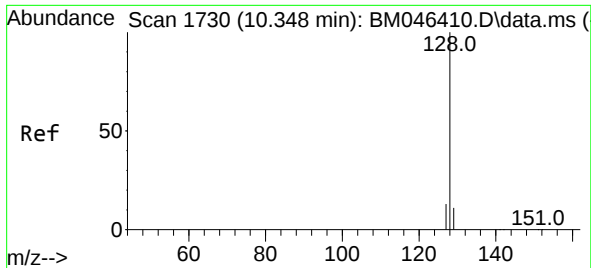
Instrument :
BNA_M
ClientSampleId :
A4CG0

Manual Integrations
APPROVED

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

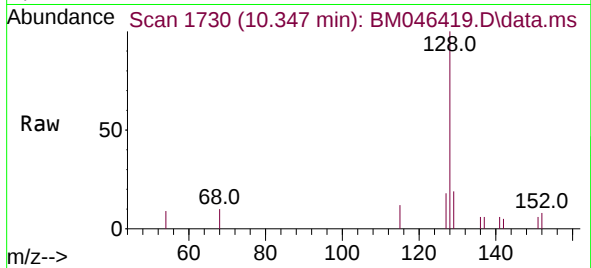
Quant Time: Jul 08 00:48:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

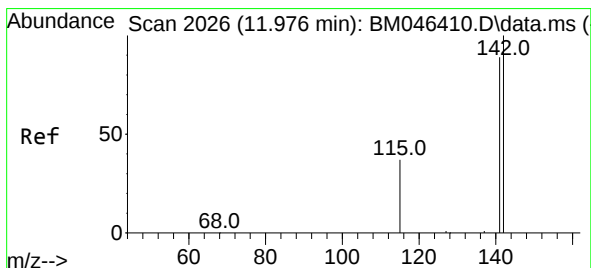
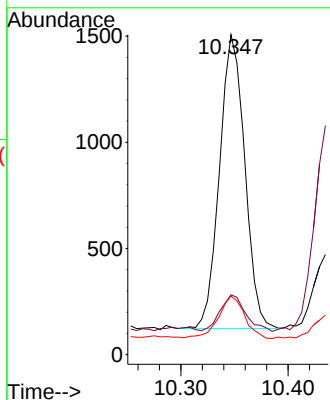
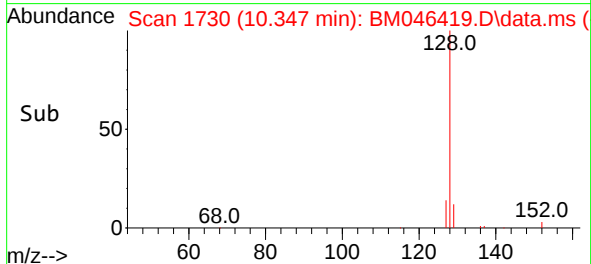
Instrument :
BNA_M
ClientSampleId :
A4CG0



Tgt Ion:128 Resp: 2262
Ion Ratio Lower Upper
128 100
129 18.7 9.4 14.0
127 18.4 10.8 16.2

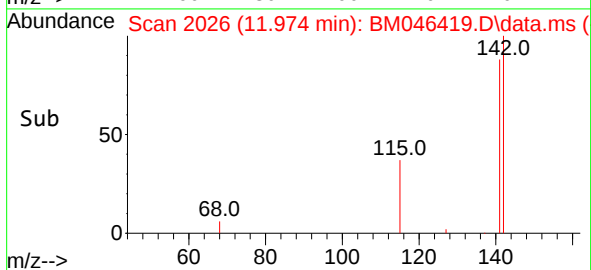
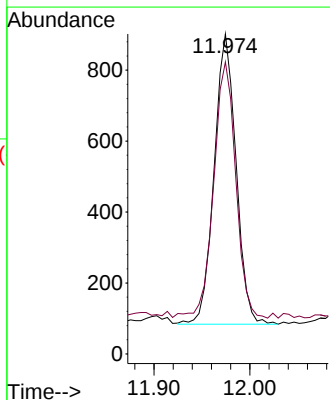
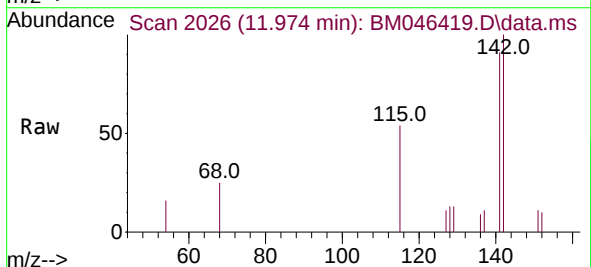
Manual Integrations
APPROVED

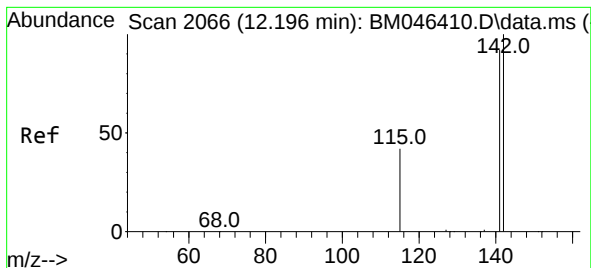
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 11.974 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

Tgt Ion:142 Resp: 1295
Ion Ratio Lower Upper
142 100
141 89.2 69.8 104.6





#8

1-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 12.194 min Scan# 2066

Delta R.T. -0.005 min

Lab File: BM046419.D

Acq: 06 Jul 2024 15:10

Instrument :

BNA_M

ClientSampleId :

A4CG0

Tgt Ion:142 Resp: 1500

Ion Ratio Lower Upper

142 100

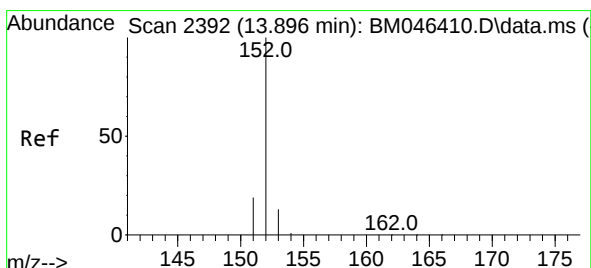
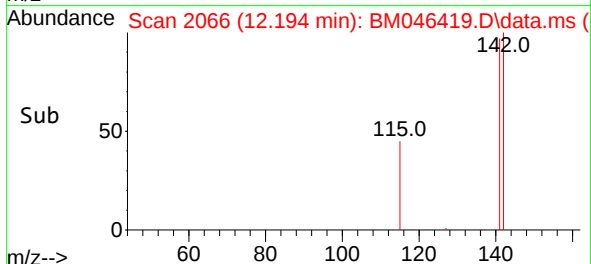
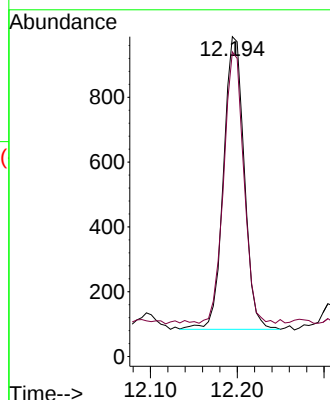
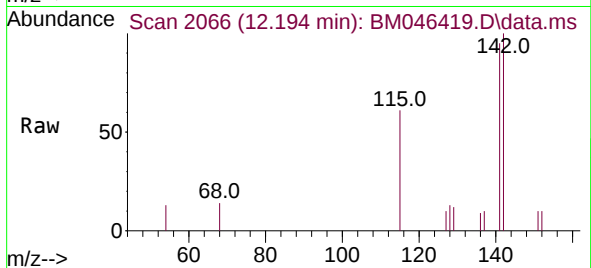
141 89.8 72.4 108.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#10

Acenaphthylene

Concen: 0.169 ng/ul

RT: 13.895 min Scan# 2392

Delta R.T. -0.005 min

Lab File: BM046419.D

Acq: 06 Jul 2024 15:10

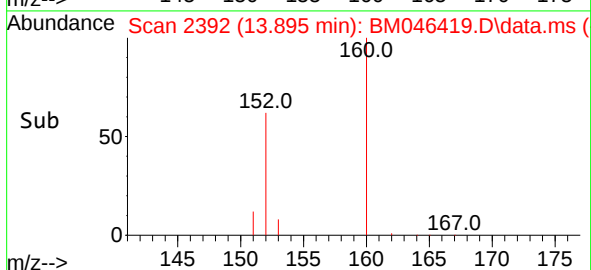
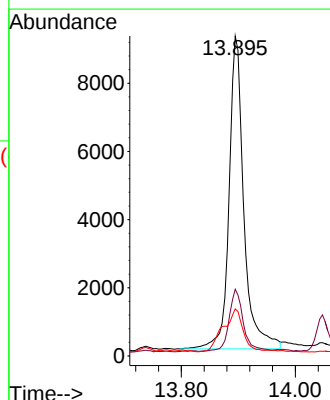
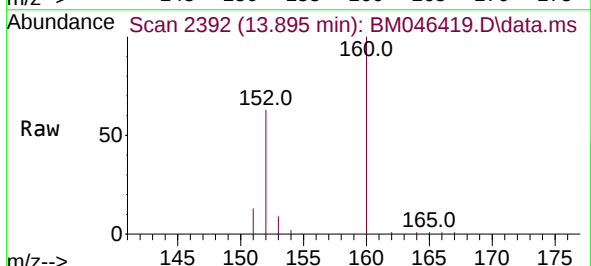
Tgt Ion:152 Resp: 16612

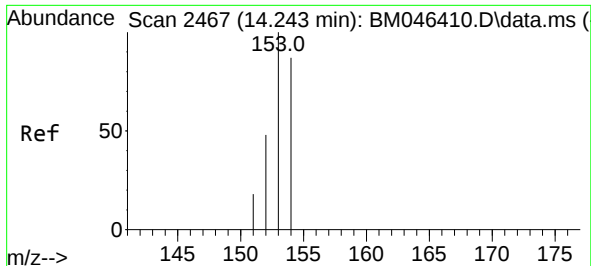
Ion Ratio Lower Upper

152 100

151 20.8 15.9 23.9

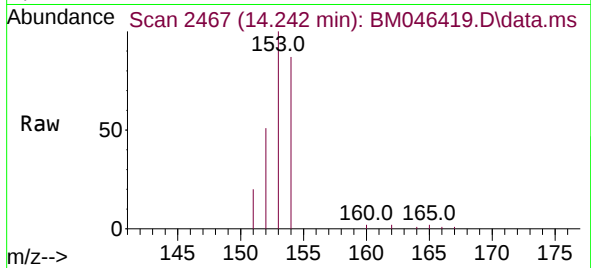
153 14.7 11.0 16.6





#11
Acenaphthene
Concen: 0.133 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

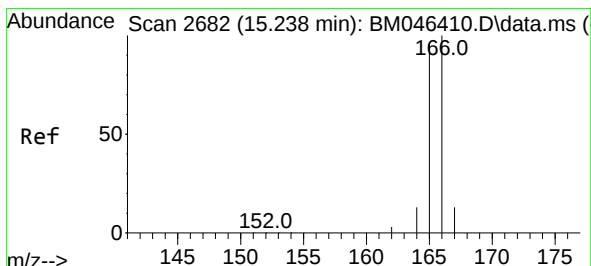
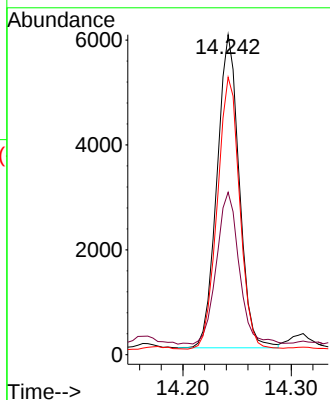
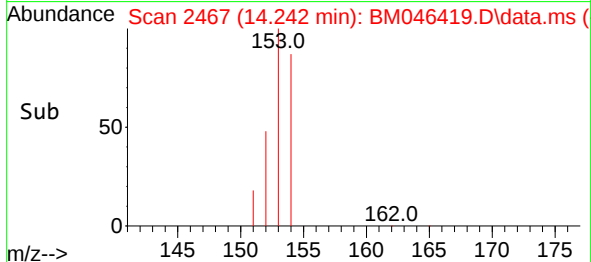
Instrument :
BNA_M
ClientSampleId :
A4CG0



Tgt Ion:153 Resp: 851
Ion Ratio Lower Upper
153 100
152 50.8 40.4 60.6
154 86.7 72.1 108.1

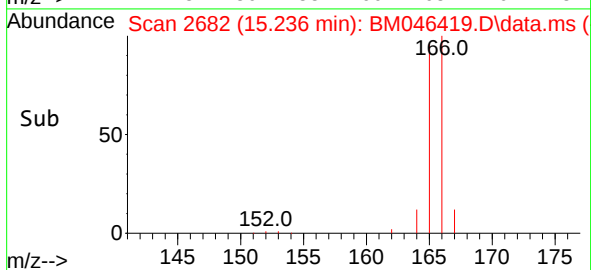
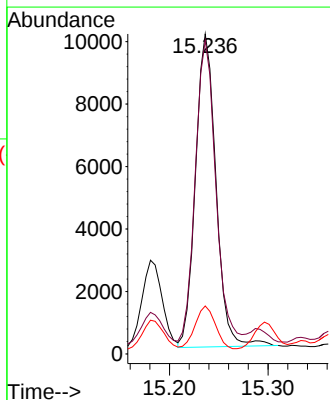
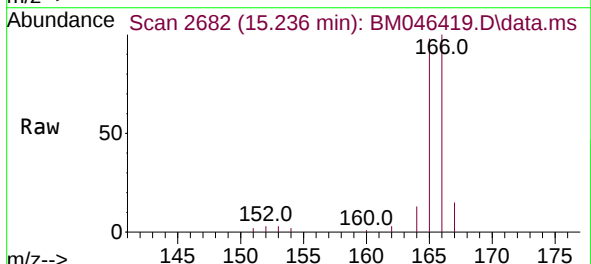
Manual Integrations
APPROVED

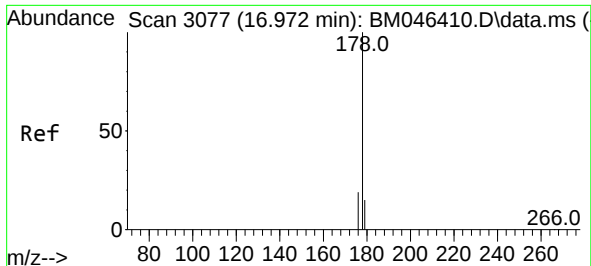
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.192 ng/ul
RT: 15.236 min Scan# 2682
Delta R.T. -0.005 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

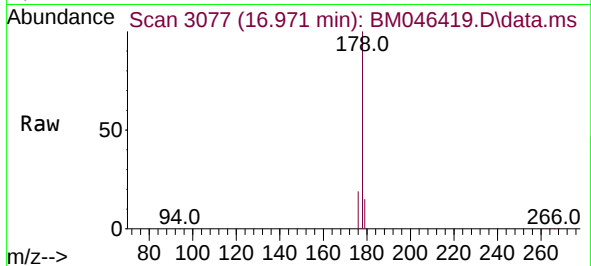
Tgt Ion:166 Resp: 14502
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 15.0 11.4 17.0





#15
Phenanthrene
Concen: 2.136 ng/u1
RT: 16.971 min Scan# 3077
Delta R.T. -0.004 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

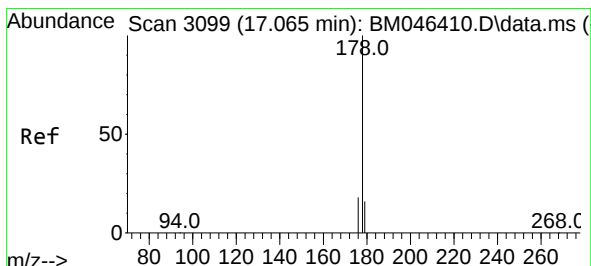
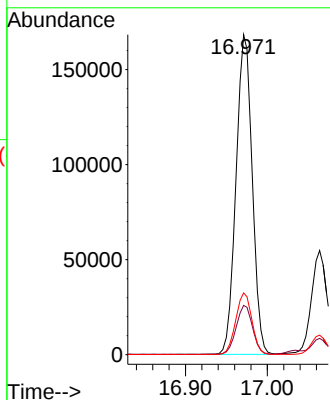
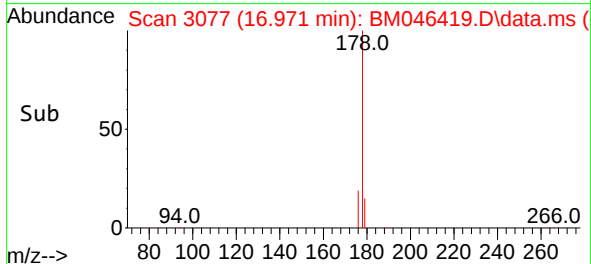
Instrument :
BNA_M
ClientSampleId :
A4CG0



Tgt Ion:178 Resp: 230698
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.3 16.0 24.0

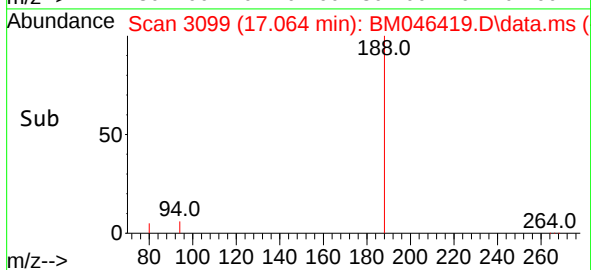
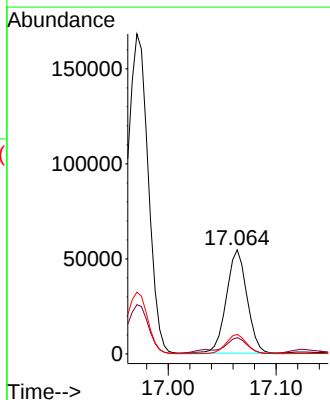
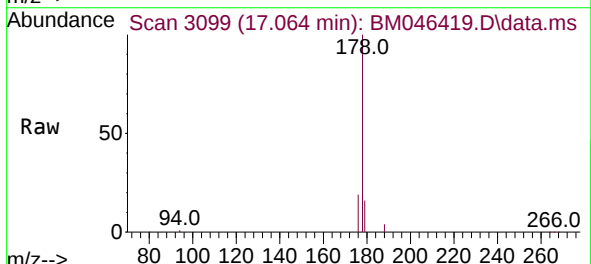
Manual Integrations
APPROVED

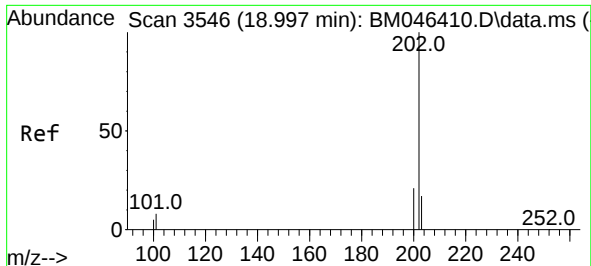
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.690 ng/u1
RT: 17.064 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

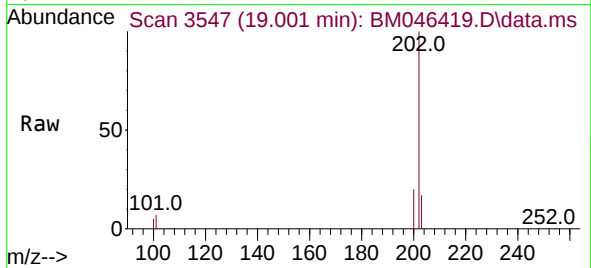
Tgt Ion:178 Resp: 72238
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 18.7 14.9 22.3





#19
Fluoranthene
Concen: 4.926 ng/ul
RT: 19.001 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

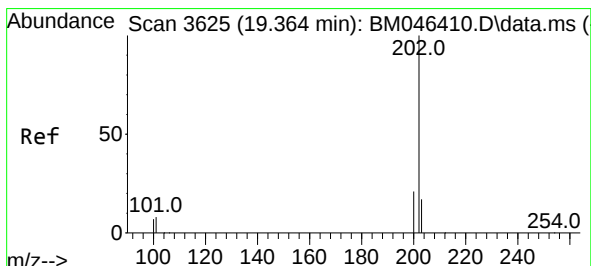
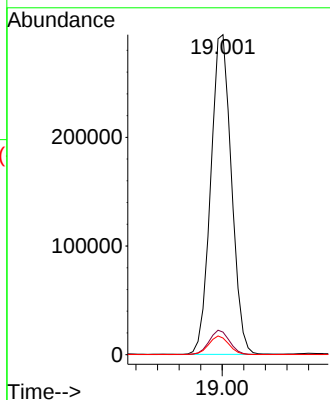
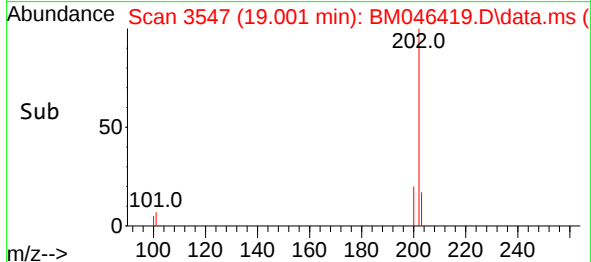
Instrument :
BNA_M
ClientSampleId :
A4CG0



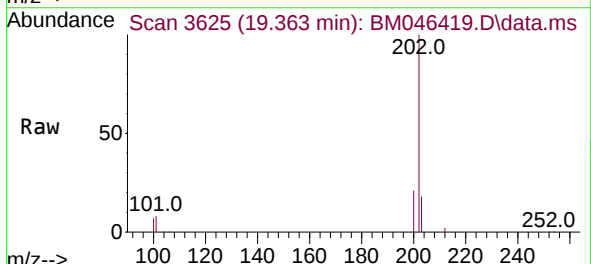
Tgt Ion:202 Resp: 390684
Ion Ratio Lower Upper
202 100
101 7.0 6.3 9.5
100 5.2 5.0 7.6

Manual Integrations
APPROVED

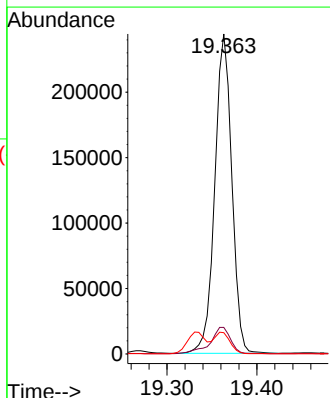
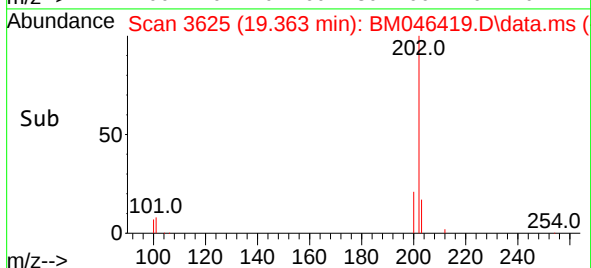
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

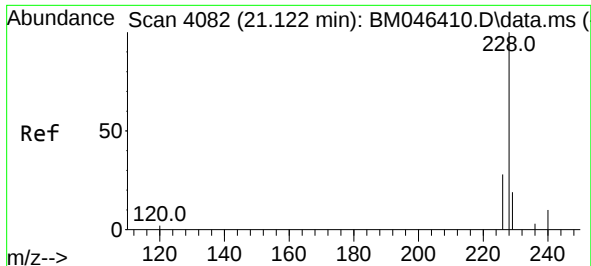


#20
Pyrene
Concen: 3.920 ng/ul
RT: 19.363 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10



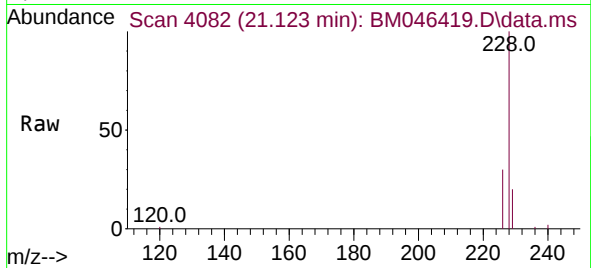
Tgt Ion:202 Resp: 319913
Ion Ratio Lower Upper
202 100
101 8.3 8.2 12.4
100 6.6 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 2.079 ng/ul
RT: 21.123 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

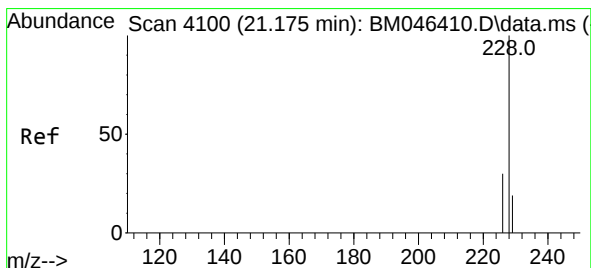
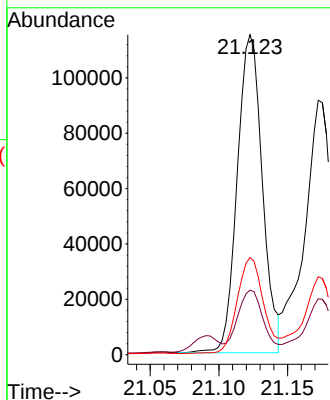
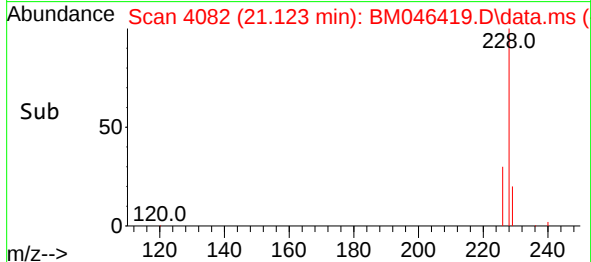
Instrument :
BNA_M
ClientSampleId :
A4CG0



Tgt Ion:228 Resp: 14574
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 30.3 22.0 33.0

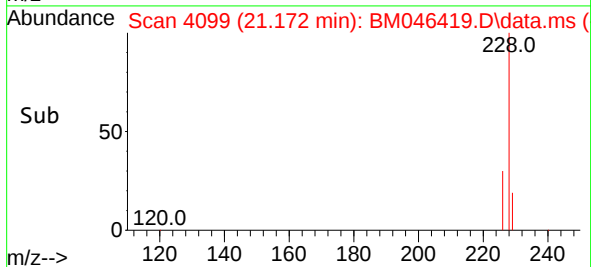
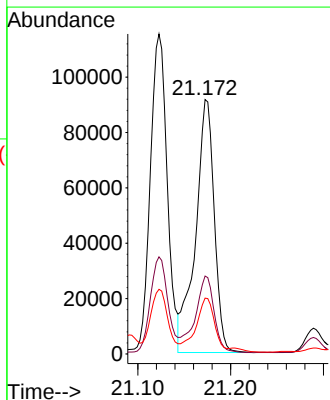
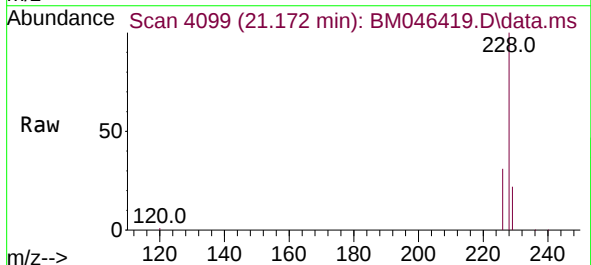
Manual Integrations
APPROVED

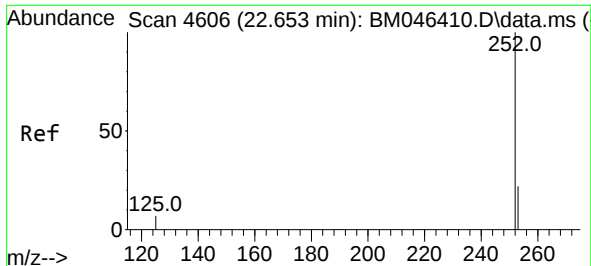
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 1.847 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

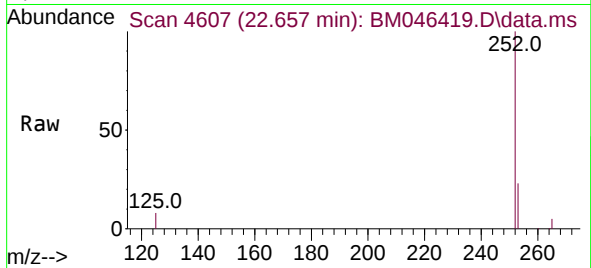
Tgt Ion:228 Resp: 128707
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.214 ng/ul m
RT: 22.657 min Scan# 4607
Delta R.T. -0.006 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

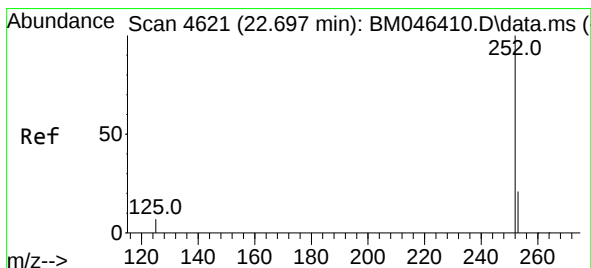
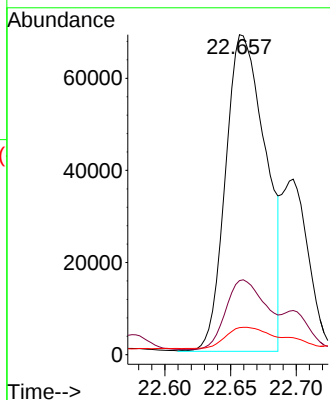
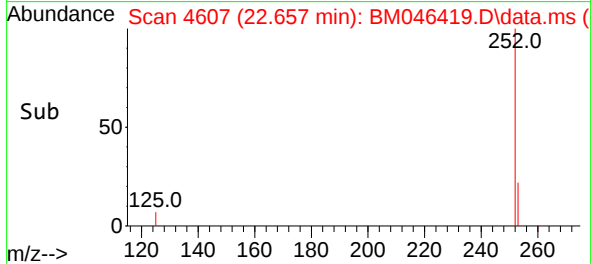
Instrument :
BNA_M
ClientSampleId :
A4CG0



Tgt Ion:252 Resp: 146348
Ion Ratio Lower Upper
252 100
253 23.1 0.0 47.0
125 8.4 0.0 18.4

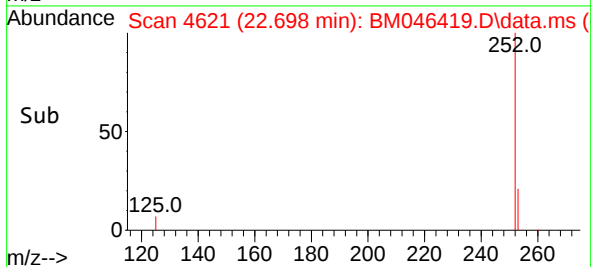
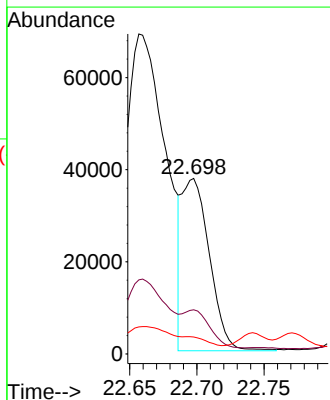
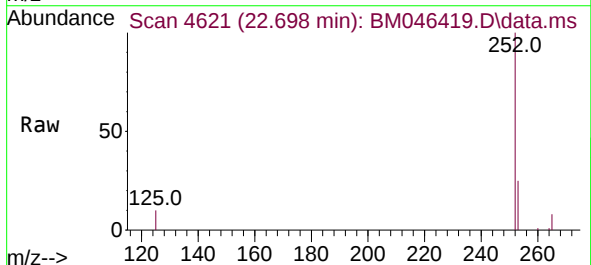
Manual Integrations
APPROVED

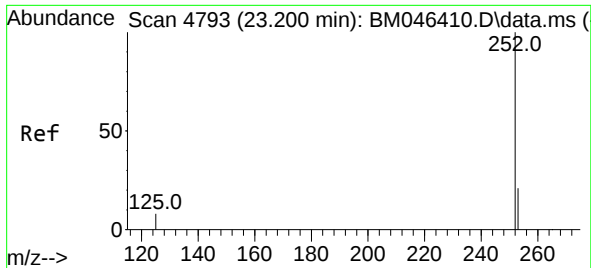
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.798 ng/ul m
RT: 22.698 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

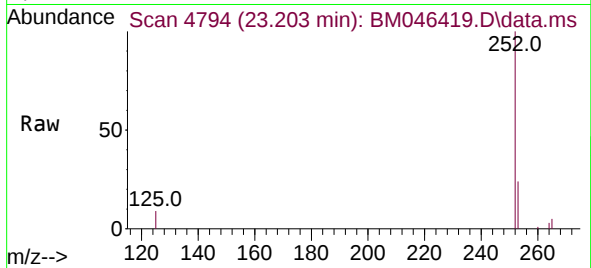
Tgt Ion:252 Resp: 53283
Ion Ratio Lower Upper
252 100
253 25.2 18.4 27.6
125 9.7 7.5 11.3





#26
Benzo(a)pyrene
Concen: 1.999 ng/ul
RT: 23.203 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

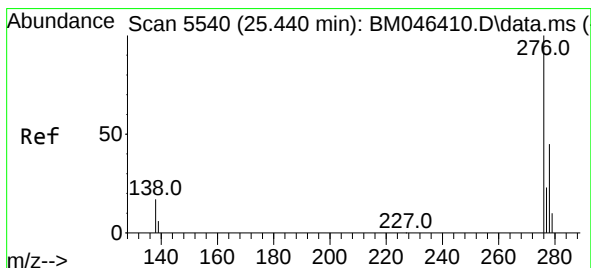
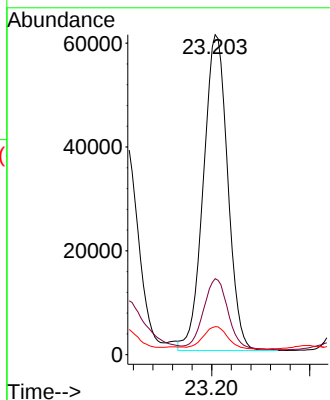
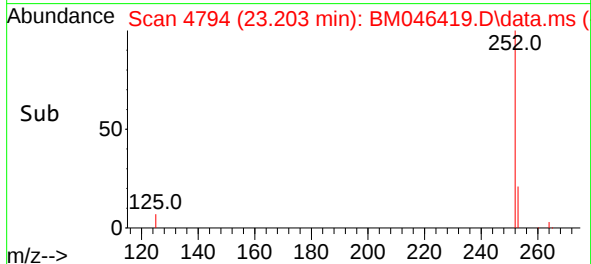
Instrument :
BNA_M
ClientSampleId :
A4CG0



Tgt Ion:252 Resp: 10446
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 8.8 8.1 12.1

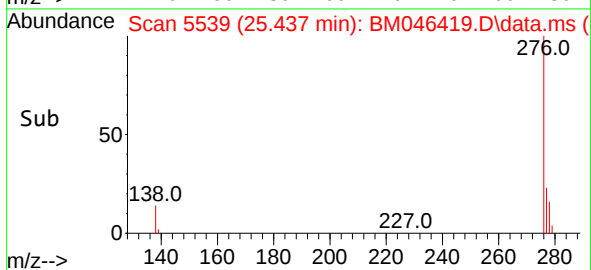
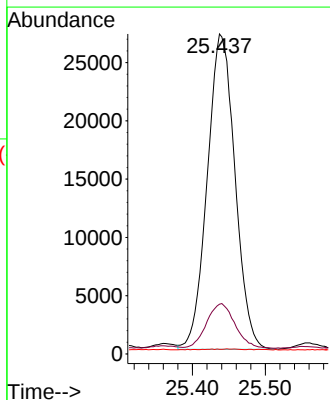
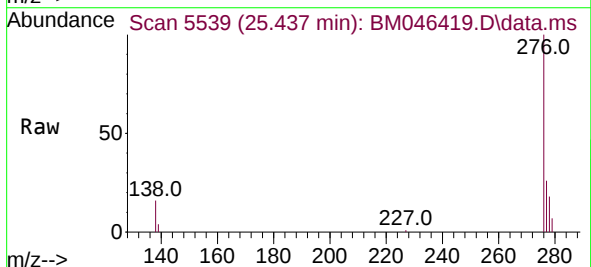
Manual Integrations
APPROVED

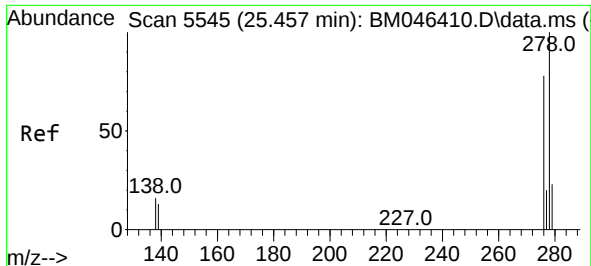
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.013 ng/ul
RT: 25.437 min Scan# 5539
Delta R.T. -0.010 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

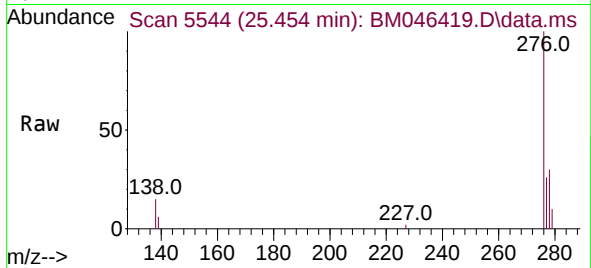
Tgt Ion:276 Resp: 71521
Ion Ratio Lower Upper
276 100
138 14.6 15.7 23.5#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.327 ng/ul
RT: 25.454 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

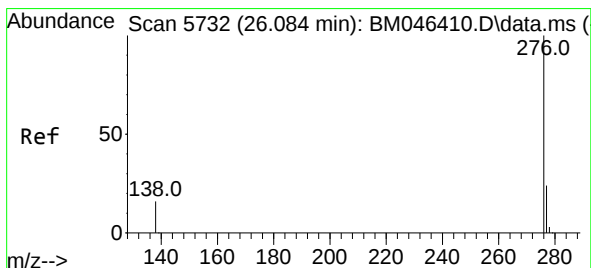
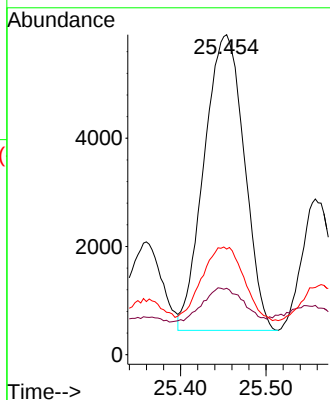
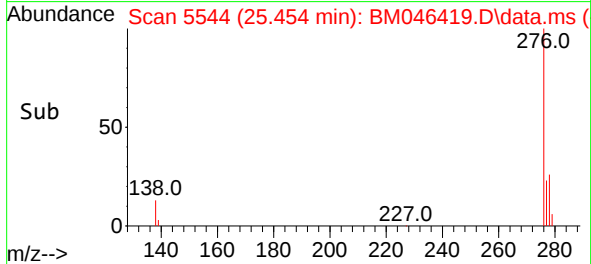
Instrument :
BNA_M
ClientSampleId :
A4CG0



Tgt Ion:278 Resp: 1785
Ion Ratio Lower Upper
278 100
139 20.8 12.6 18.8
279 33.0 20.7 31.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.184 ng/ul
RT: 26.091 min Scan# 5734
Delta R.T. 0.000 min
Lab File: BM046419.D
Acq: 06 Jul 2024 15:10

Tgt Ion:276 Resp: 66634
Ion Ratio Lower Upper
276 100
138 16.2 15.4 23.0
277 25.1 19.7 29.5

