

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046723.D
 Acq On : 19 Jul 2024 13:08
 Operator : MA/JU
 Sample : P3201-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CK6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 13:41:22 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 : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	2433	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	6966	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.132	164	4509	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	9247m	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	6953	0.400	ng/ul	# 0.00
23) Perylene-d12	23.229	264	7664	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	6879	3.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	4516	0.402	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	5496	0.260	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.293	128	6467	0.365	ng/ul	98
7) 2-Methylnaphthalene	11.921	142	8024	0.644	ng/ul	99
8) 1-Methylnaphthalene	12.141	142	5137	0.404	ng/ul	99
10) Acenaphthylene	13.845	152	2305	0.112	ng/ul	94
11) Acenaphthene	14.192	153	10949	0.796	ng/ul	96
12) Fluorene	15.191	166	10874	0.639	ng/ul	97
15) Phenanthrene	16.926	178	130074	4.929	ng/ul	98
16) Anthracene	17.019	178	18508	0.719	ng/ul	98
19) Fluoranthene	18.956	202	153469	5.374	ng/ul	99
20) Pyrene	19.318	202	105388	3.408	ng/ul	99
21) Benzo(a)anthracene	21.079	228	57851	1.881	ng/ul	99
22) Chrysene	21.128	228	59628	2.003	ng/ul	98
24) Benzo(b)fluoranthene	22.598	252	72367m	2.364	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	26789m	0.891	ng/ul	
26) Benzo(a)pyrene	23.136	252	27306	1.084	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.336	276	26298	0.686	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.350	278	8971	0.296	ng/ul#	83
29) Benzo(g,h,i)perylene	25.977	276	4147	0.136	ng/ul#	77

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

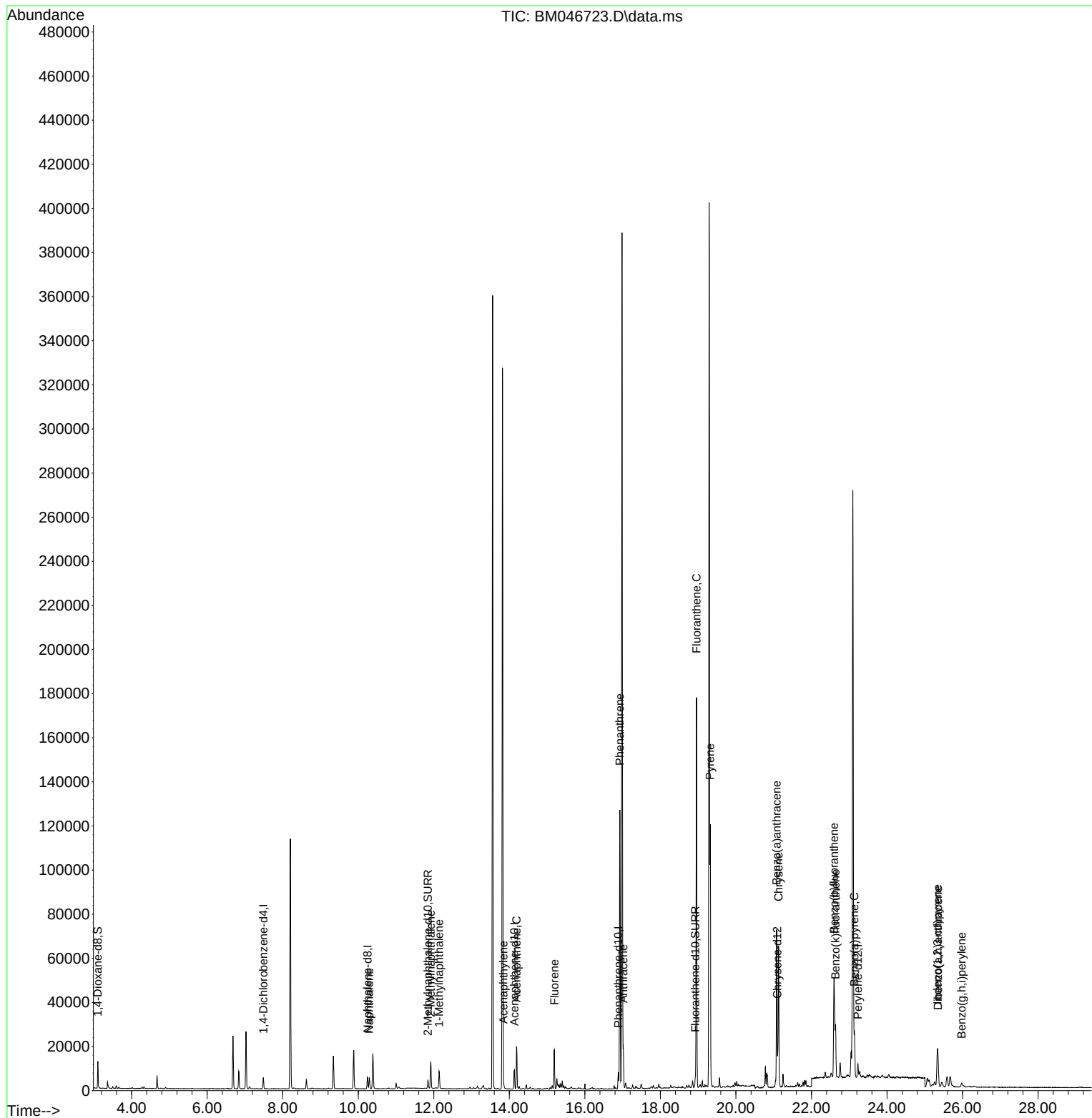
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046723.D
Acq On : 19 Jul 2024 13:08
Operator : MA/JU
Sample : P3201-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

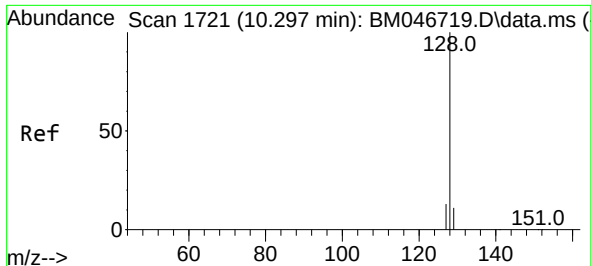
Instrument :
BNA_M
ClientSampleId :
A4CK6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

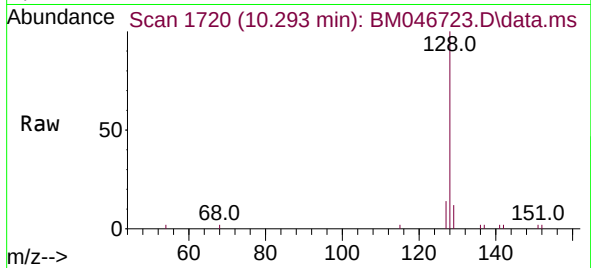
Quant Time: Jul 19 13:41:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.365 ng/ul
RT: 10.293 min Scan# 1721
Delta R.T. -0.004 min
Lab File: BM046723.D
Acq: 19 Jul 2024 13:08

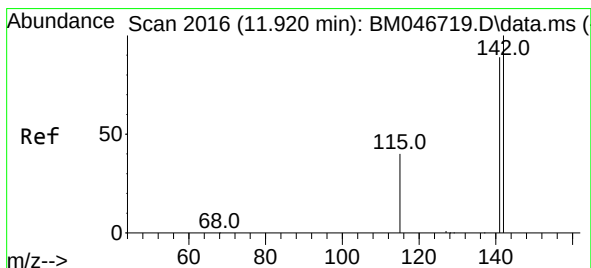
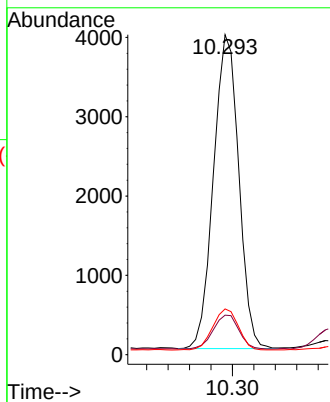
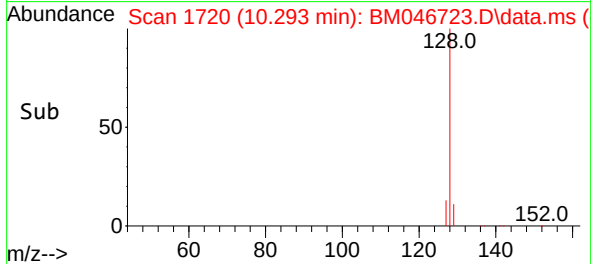
Instrument :
BNA_M
ClientSampleId :
A4CK6



Tgt Ion:128 Resp: 646
Ion Ratio Lower Upper
128 100
129 12.3 10.3 15.5
127 14.3 12.2 18.4

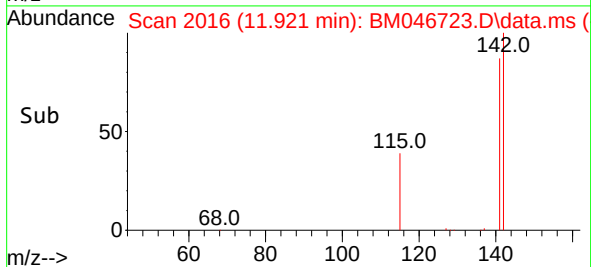
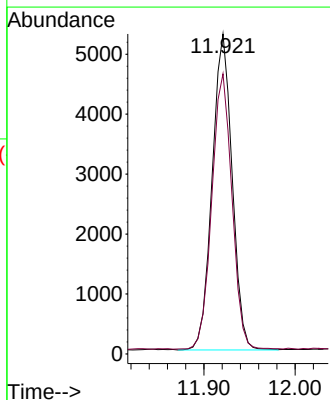
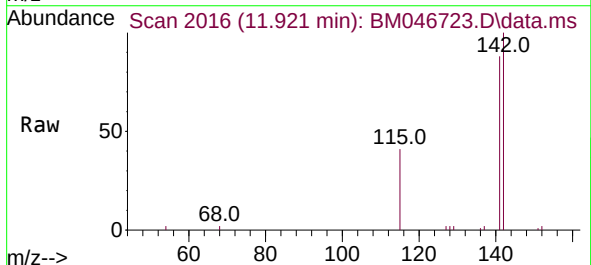
Manual Integrations
APPROVED

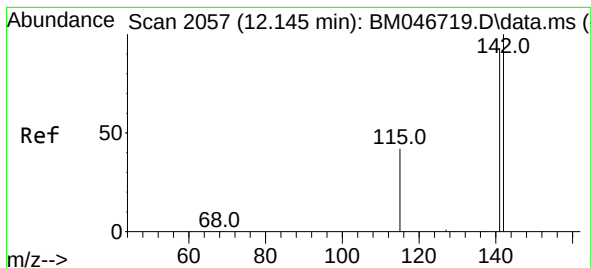
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#7
2-Methylnaphthalene
Concen: 0.644 ng/ul
RT: 11.921 min Scan# 2016
Delta R.T. 0.001 min
Lab File: BM046723.D
Acq: 19 Jul 2024 13:08

Tgt Ion:142 Resp: 8024
Ion Ratio Lower Upper
142 100
141 87.4 70.3 105.5





#8

1-Methylnaphthalene

Concen: 0.404 ng/ul

RT: 12.141 min Scan# 2056

Delta R.T. -0.004 min

Lab File: BM046723.D

Acq: 19 Jul 2024 13:08

Instrument :

BNA_M

ClientSampleId :

A4CK6

Tgt Ion:142 Resp: 513

Ion Ratio Lower Upper

142 100

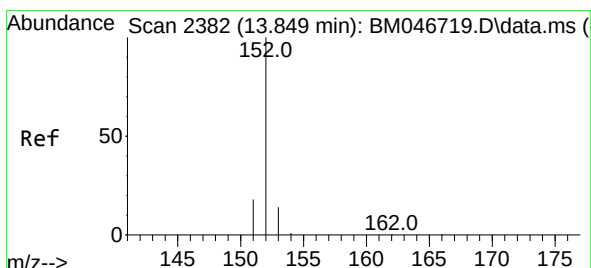
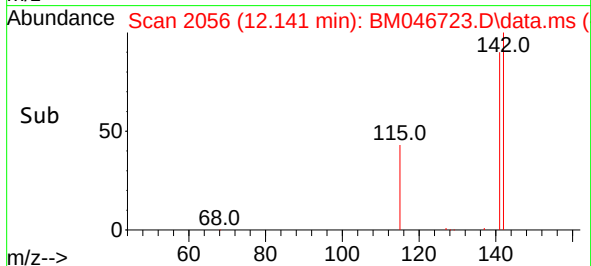
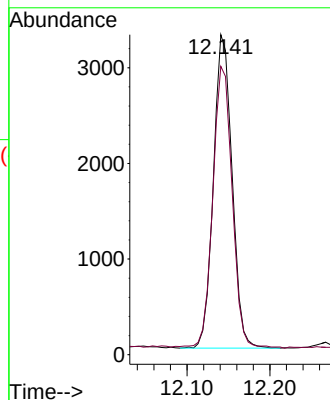
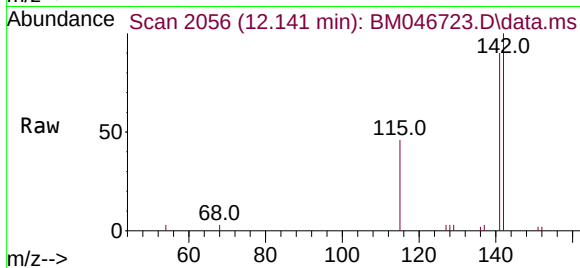
141 93.7 73.9 110.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#10

Acenaphthylene

Concen: 0.112 ng/ul

RT: 13.845 min Scan# 2381

Delta R.T. -0.003 min

Lab File: BM046723.D

Acq: 19 Jul 2024 13:08

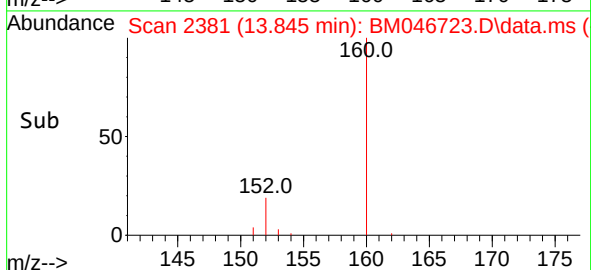
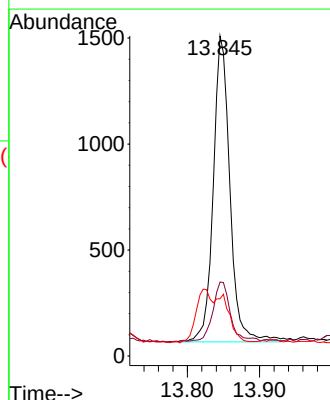
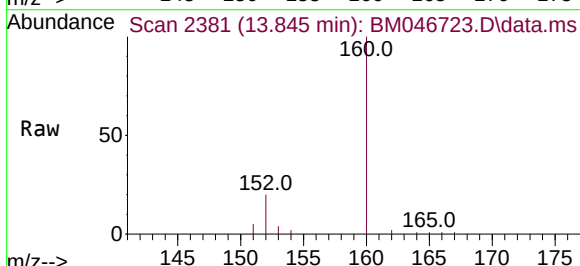
Tgt Ion:152 Resp: 2305

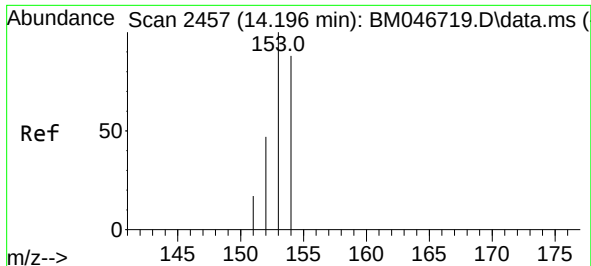
Ion Ratio Lower Upper

152 100

151 23.1 16.4 24.6

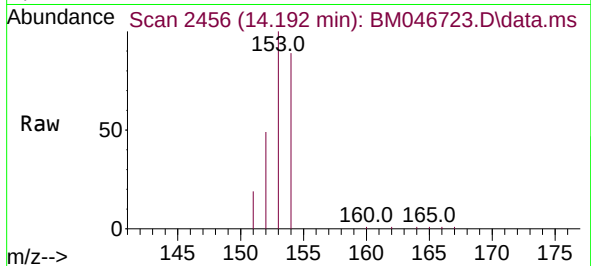
153 17.9 12.4 18.6





#11
Acenaphthene
Concen: 0.796 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. -0.003 min
Lab File: BM046723.D
Acq: 19 Jul 2024 13:08

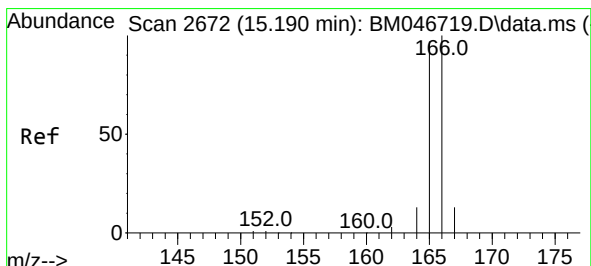
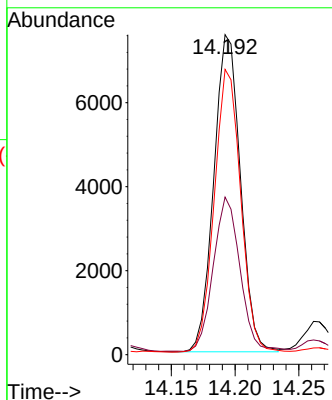
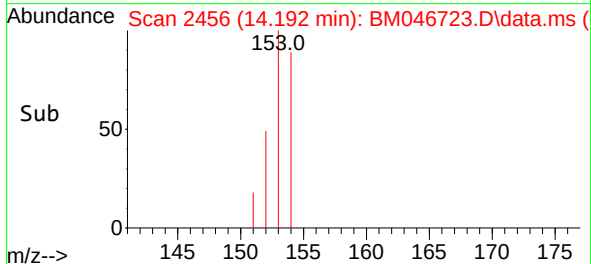
Instrument :
BNA_M
ClientSampleId :
A4CK6



Tgt Ion:153 Resp: 10949
Ion Ratio Lower Upper
153 100
152 49.3 43.0 64.6
154 89.2 69.9 104.9

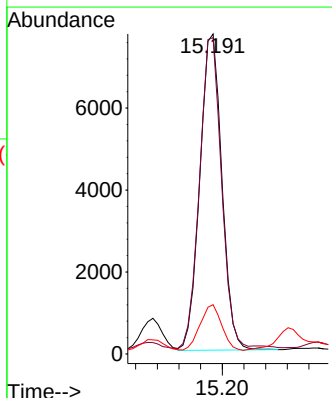
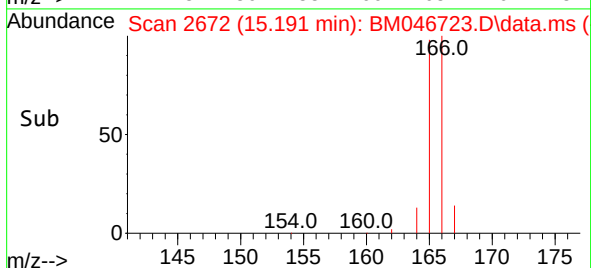
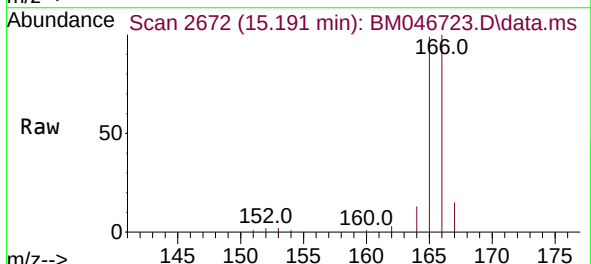
Manual Integrations
APPROVED

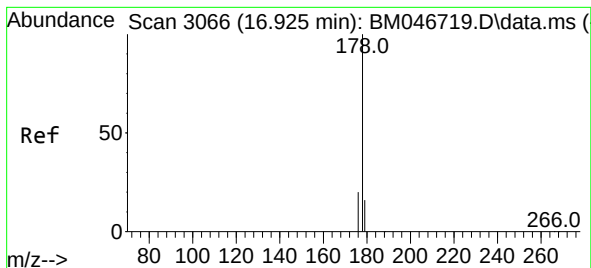
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#12
Fluorene
Concen: 0.639 ng/ul
RT: 15.191 min Scan# 2672
Delta R.T. 0.001 min
Lab File: BM046723.D
Acq: 19 Jul 2024 13:08

Tgt Ion:166 Resp: 10874
Ion Ratio Lower Upper
166 100
165 98.9 76.1 114.1
167 15.4 12.5 18.7





#15

Phenanthrene

Concen: 4.929 ng/u1

RT: 16.926 min Scan# 3066

Delta R.T. 0.001 min

Lab File: BM046723.D

Acq: 19 Jul 2024 13:08

Instrument :

BNA_M

ClientSampleId :

A4CK6

Tgt Ion:178 Resp: 130074

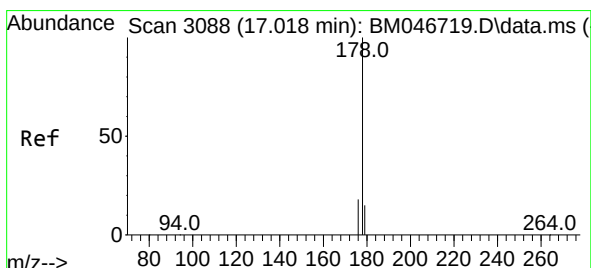
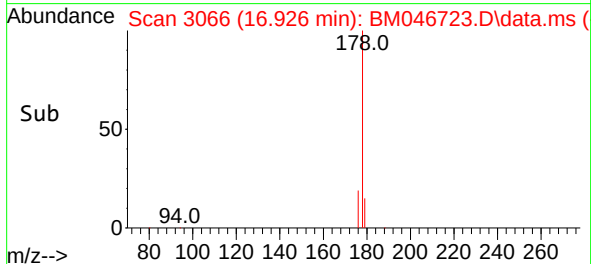
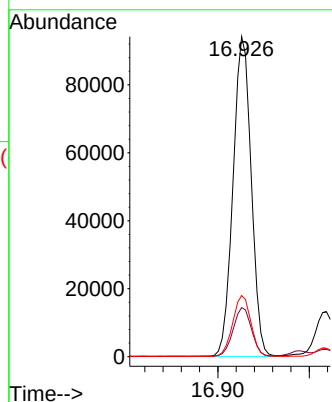
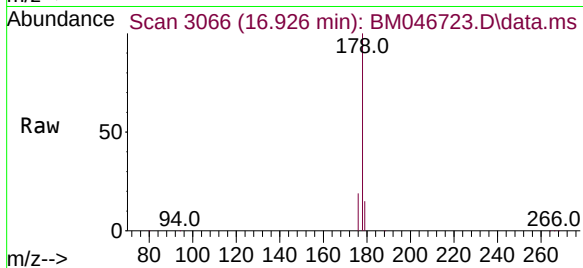
Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.1	19.7
176	19.1	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#16

Anthracene

Concen: 0.719 ng/u1

RT: 17.019 min Scan# 3088

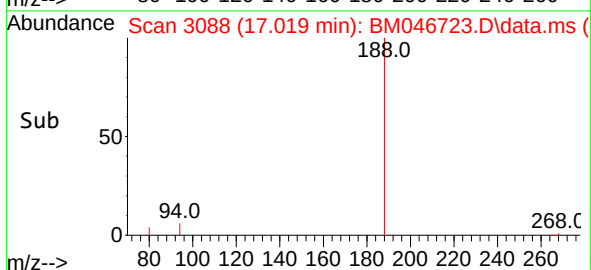
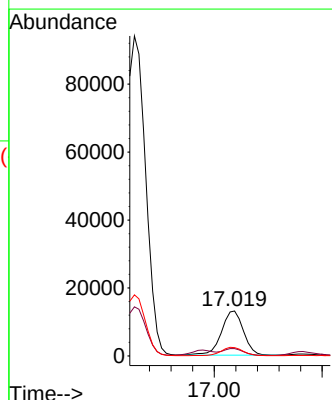
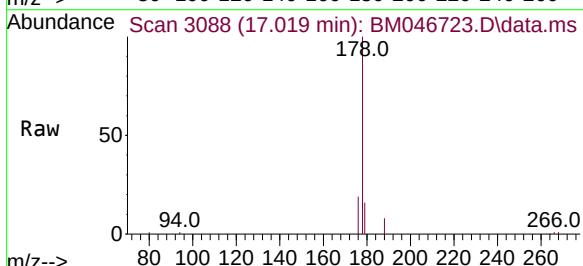
Delta R.T. 0.001 min

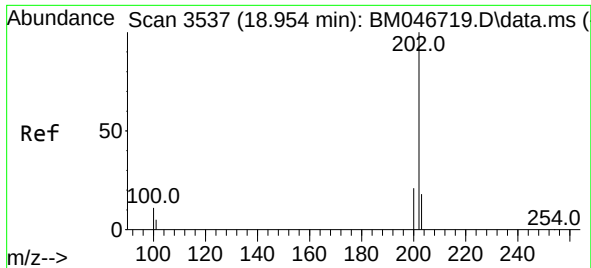
Lab File: BM046723.D

Acq: 19 Jul 2024 13:08

Tgt Ion:178 Resp: 18508

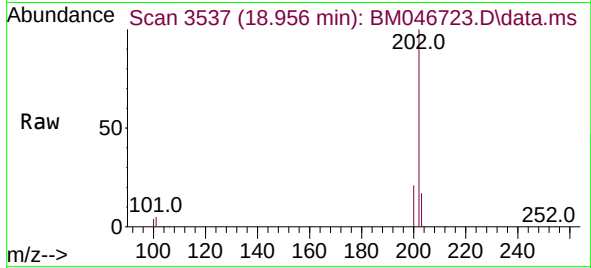
Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.5	20.3
176	18.7	15.7	23.5





#19
Fluoranthene
Concen: 5.374 ng/ul
RT: 18.956 min Scan# 3537
Delta R.T. 0.001 min
Lab File: BM046723.D
Acq: 19 Jul 2024 13:08

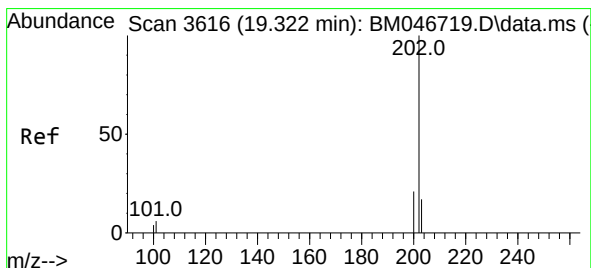
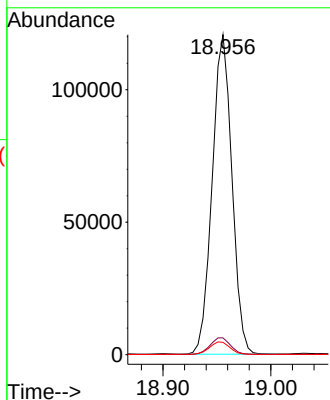
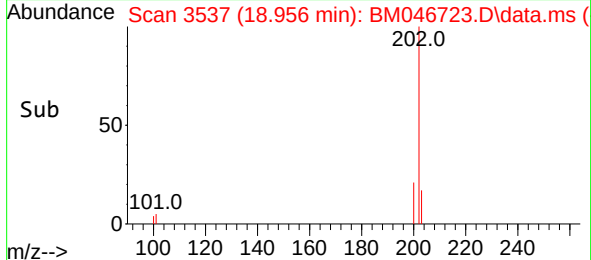
Instrument :
BNA_M
ClientSampleId :
A4CK6



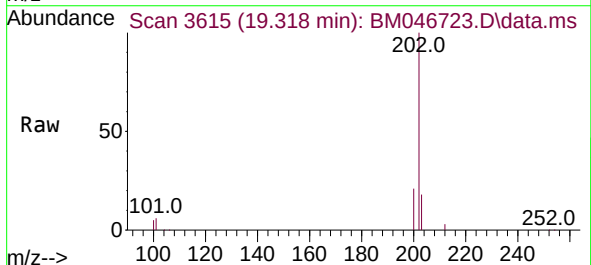
Tgt Ion:202 Resp: 153469
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 3.8 3.0 4.6

Manual Integrations
APPROVED

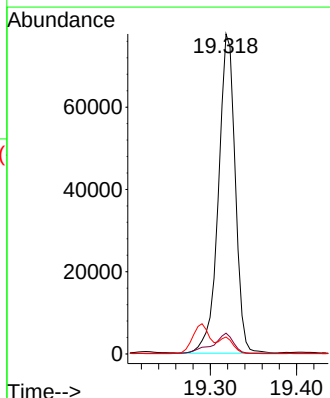
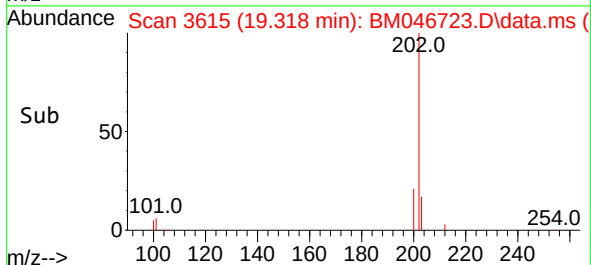
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

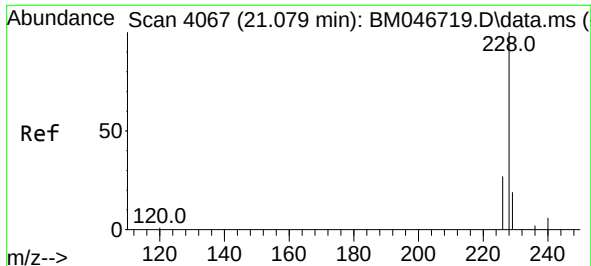


#20
Pyrene
Concen: 3.408 ng/ul
RT: 19.318 min Scan# 3615
Delta R.T. -0.003 min
Lab File: BM046723.D
Acq: 19 Jul 2024 13:08



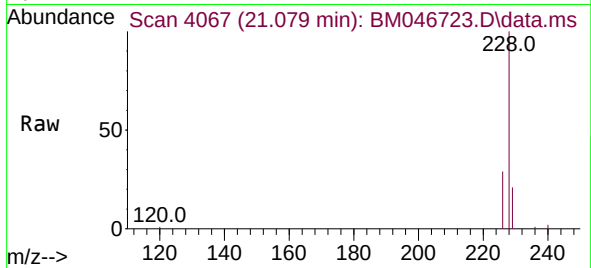
Tgt Ion:202 Resp: 105388
Ion Ratio Lower Upper
202 100
101 6.5 5.1 7.7
100 5.3 3.8 5.6





#21
Benzo(a)anthracene
Concen: 1.881 ng/u1
RT: 21.079 min Scan# 4067
Delta R.T. -0.001 min
Lab File: BM046723.D
Acq: 19 Jul 2024 13:08

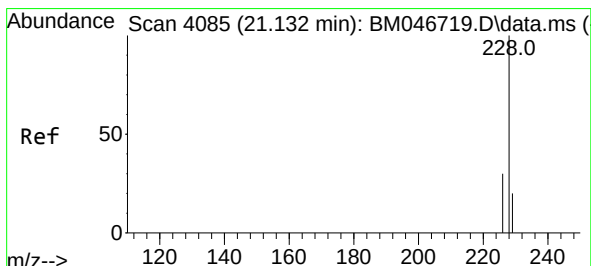
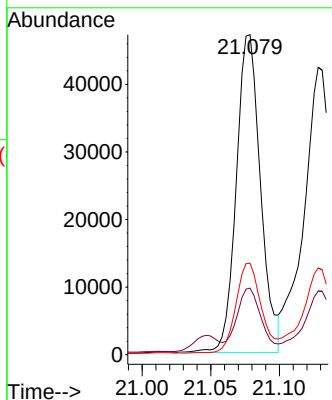
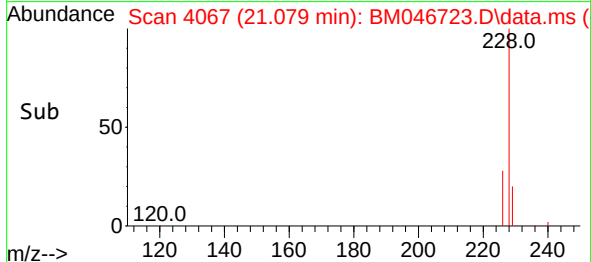
Instrument :
BNA_M
ClientSampleId :
A4CK6



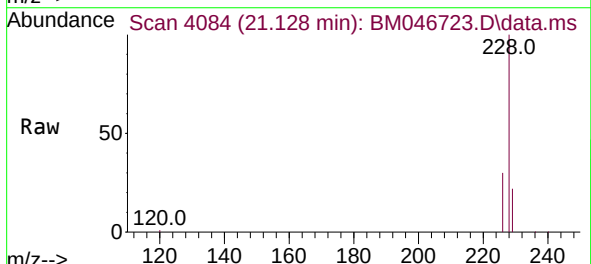
Tgt Ion:228 Resp: 5785
Ion Ratio Lower Upper
228 100
229 20.8 16.5 24.7
226 28.6 22.5 33.7

Manual Integrations
APPROVED

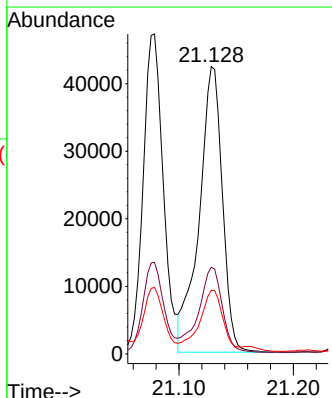
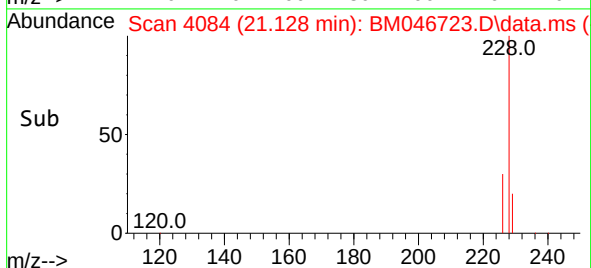
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

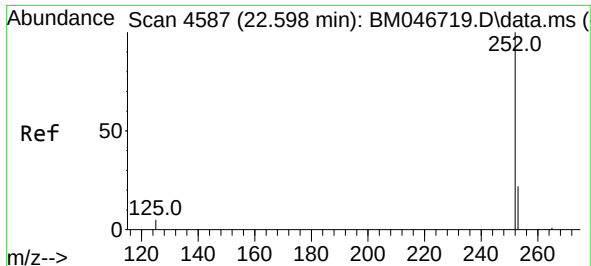


#22
Chrysene
Concen: 2.003 ng/u1
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM046723.D
Acq: 19 Jul 2024 13:08



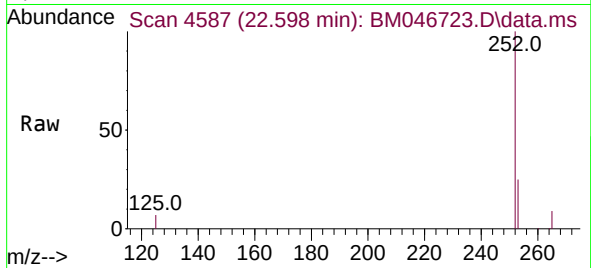
Tgt Ion:228 Resp: 59628
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.364 ng/ul m
RT: 22.598 min Scan# 4587
Delta R.T. -0.001 min
Lab File: BM046723.D
Acq: 19 Jul 2024 13:08

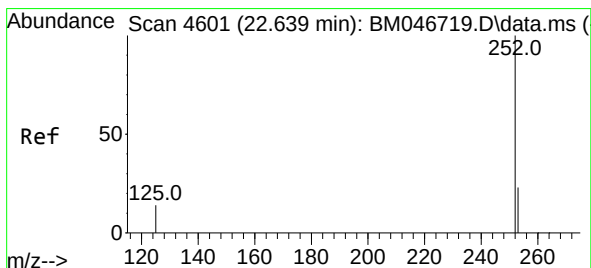
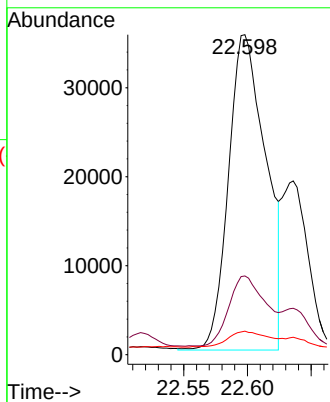
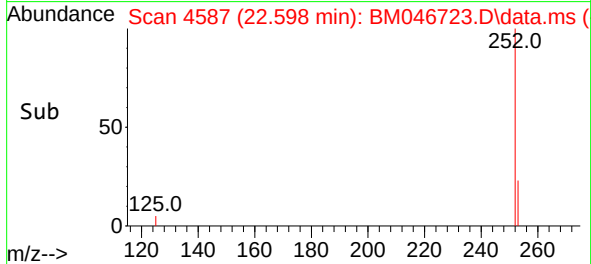
Instrument :
BNA_M
ClientSampleId :
A4CK6



Tgt Ion:252 Resp: 7236
Ion Ratio Lower Upper
252 100
253 24.6 0.0 56.2
125 7.3 0.0 17.8

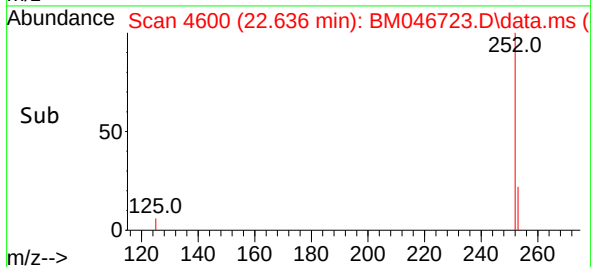
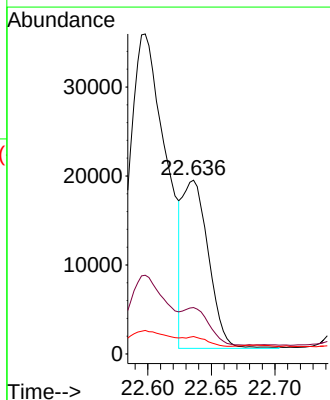
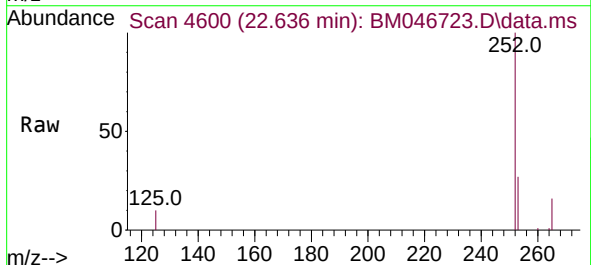
Manual Integrations
APPROVED

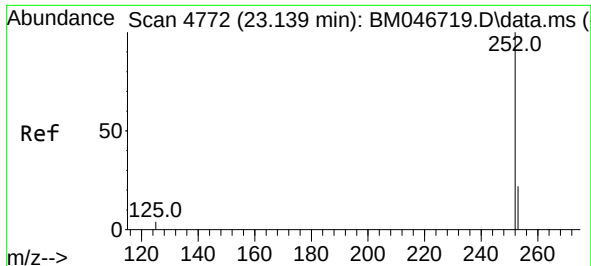
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#25
Benzo(k)fluoranthene
Concen: 0.891 ng/ul m
RT: 22.636 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BM046723.D
Acq: 19 Jul 2024 13:08

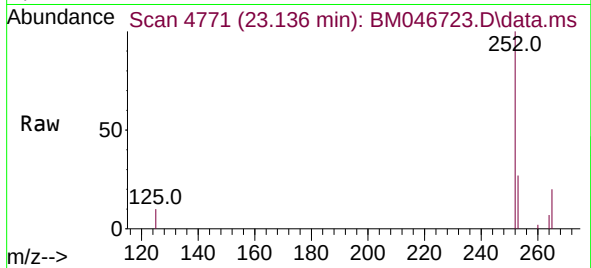
Tgt Ion:252 Resp: 26789
Ion Ratio Lower Upper
252 100
253 26.7 22.4 33.6
125 10.0 7.0 10.4





#26
Benzo(a)pyrene
Concen: 1.084 ng/ul
RT: 23.136 min Scan# 4771
Delta R.T. -0.003 min
Lab File: BM046723.D
Acq: 19 Jul 2024 13:08

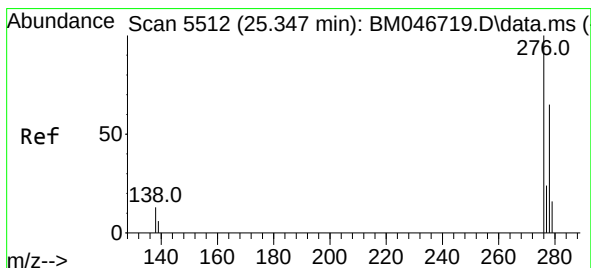
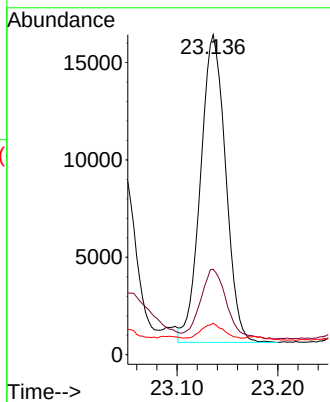
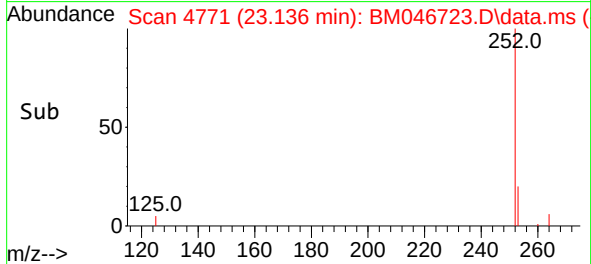
Instrument :
BNA_M
ClientSampleId :
A4CK6



Tgt Ion:252 Resp: 27300
Ion Ratio Lower Upper
252 100
253 26.7 24.0 36.0
125 9.8 8.2 12.2

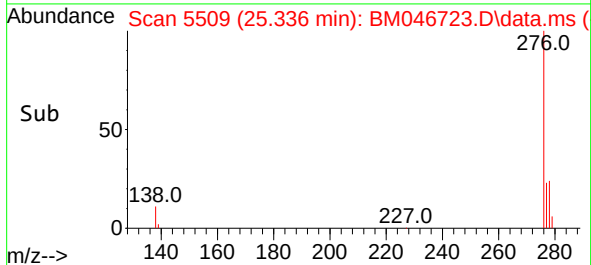
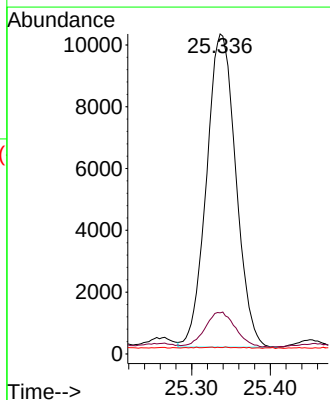
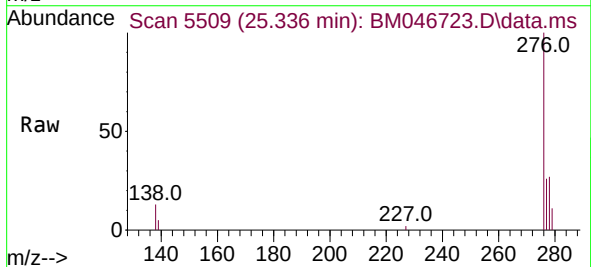
Manual Integrations
APPROVED

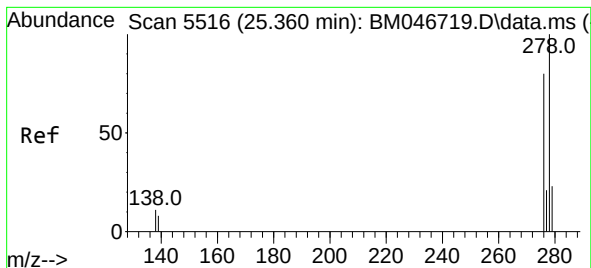
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.686 ng/ul
RT: 25.336 min Scan# 5509
Delta R.T. -0.011 min
Lab File: BM046723.D
Acq: 19 Jul 2024 13:08

Tgt Ion:276 Resp: 26298
Ion Ratio Lower Upper
276 100
138 11.6 0.0 0.0#
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.296 ng/ul

RT: 25.350 min Scan# 51

Delta R.T. -0.011 min

Lab File: BM046723.D

Acq: 19 Jul 2024 13:08

Instrument :

BNM

ClientSampleId :

A4CK6

Tgt Ion:278 Resp: 897

Ion Ratio Lower Upper

278 100

139 18.4 9.1 13.7

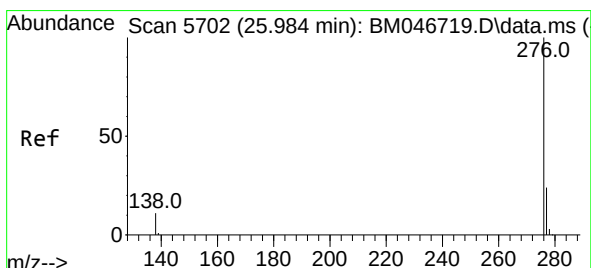
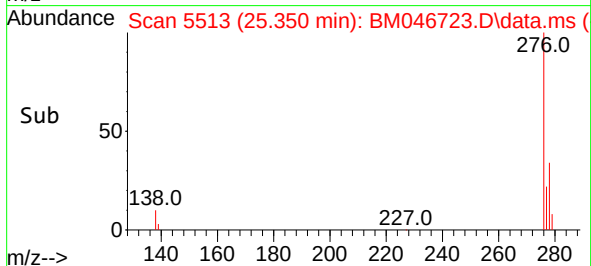
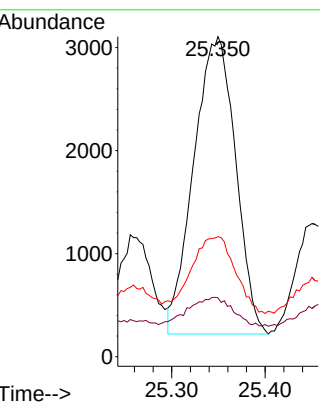
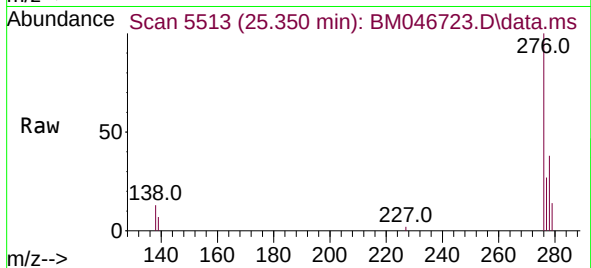
279 37.5 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#29

Benzo(g,h,i)perylene

Concen: 0.136 ng/ul

RT: 25.977 min Scan# 5700

Delta R.T. -0.007 min

Lab File: BM046723.D

Acq: 19 Jul 2024 13:08

Tgt Ion:276 Resp: 4147

Ion Ratio Lower Upper

276 100

138 24.1 10.2 15.4#

277 36.8 20.9 31.3#

