

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046886.D
 Acq On : 29 Jul 2024 16:40
 Operator : MA/JU
 Sample : P3264-16DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CM3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 29 17:20:38 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	7.459	152	2603	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.216	136	7245	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	4507	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.863	188	9369	0.400	ng/ul	0.00
17) Chrysene-d12	21.081	240	7491	0.400	ng/ul	0.00
23) Perylene-d12	23.209	264	10359m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	1070	0.587	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	512	0.044	ng/ul	-0.01
18) Fluoranthene-d10	18.904	212	1078	0.044	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.265	128	1475	0.080	ng/ul#	90
7) 2-Methylnaphthalene	11.893	142	591	0.047	ng/ul	96
8) 1-Methylnaphthalene	12.113	142	501	0.038	ng/ul	95
10) Acenaphthylene	13.822	152	2459	0.119	ng/ul#	94
11) Acenaphthene	14.169	153	2173	0.155	ng/ul	97
12) Fluorene	15.168	166	2727	0.156	ng/ul	97
15) Phenanthrene	16.905	178	54707	2.032	ng/ul	97
16) Anthracene	16.998	178	9979	0.398	ng/ul	99
19) Fluoranthene	18.937	202	102382	3.112	ng/ul	98
20) Pyrene	19.299	202	74466	2.188	ng/ul	100
21) Benzo(a)anthracene	21.064	228	41215	1.320	ng/ul	99
22) Chrysene	21.116	228	44989	1.419	ng/ul	98
24) Benzo(b)fluoranthene	22.580	252	70785m	1.556	ng/ul	
25) Benzo(k)fluoranthene	22.618	252	27072m	0.591	ng/ul	
26) Benzo(a)pyrene	23.115	252	26501	0.812	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.309	276	20395	0.406	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.323	278	6383	0.174	ng/ul#	82
29) Benzo(g,h,i)perylene	25.950	276	3238	0.073	ng/ul#	70

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

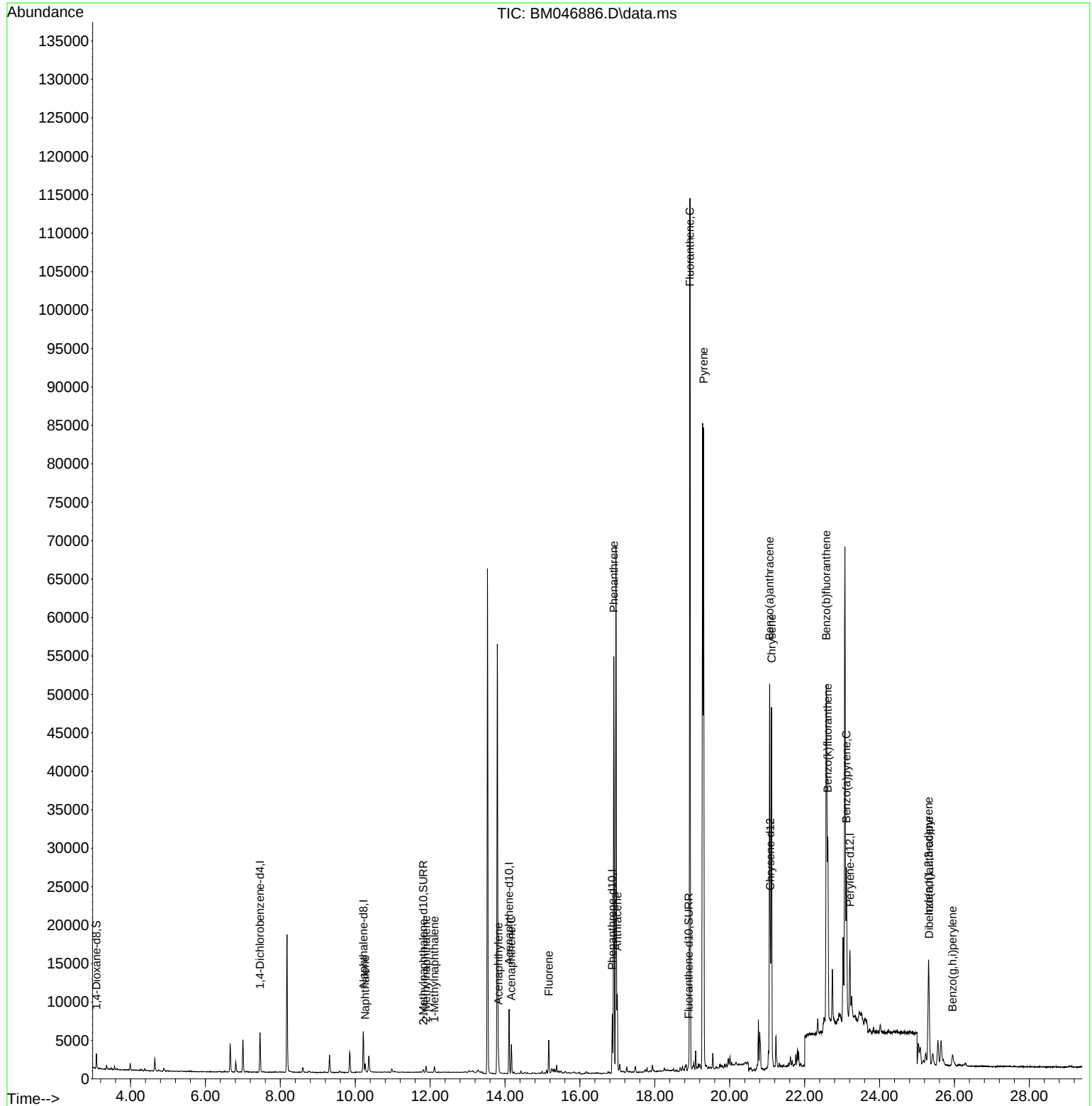
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046886.D
Acq On : 29 Jul 2024 16:40
Operator : MA/JU
Sample : P3264-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

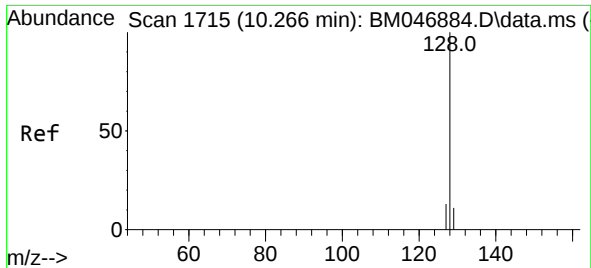
Instrument :
BNA_M
ClientSampleId :
A4CM3DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

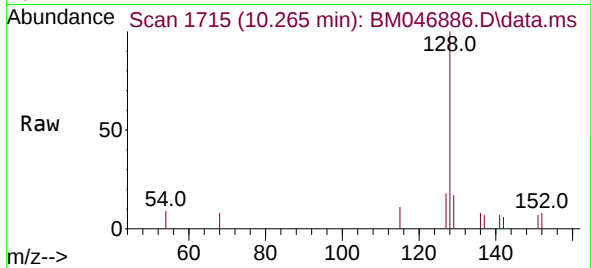
Quant Time: Jul 29 17:20:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.080 ng/ul
RT: 10.265 min Scan# 1715
Delta R.T. -0.011 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40

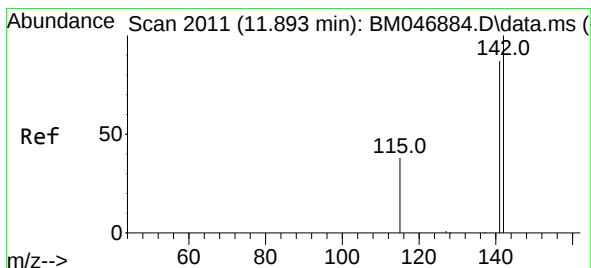
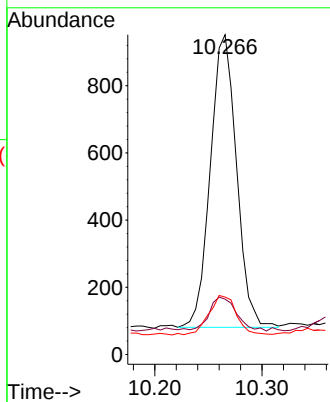
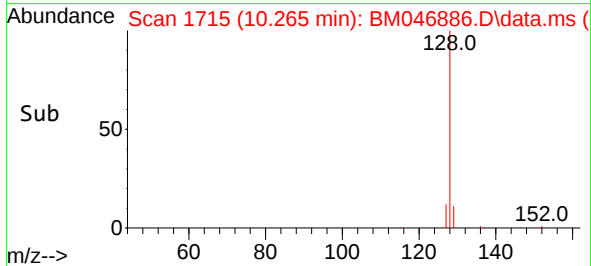
Instrument :
BNA_M
ClientSampleId :
A4CM3DL



Tgt Ion:128 Resp: 1475
Ion Ratio Lower Upper
128 100
129 17.3 10.1 15.1
127 18.0 11.5 17.3

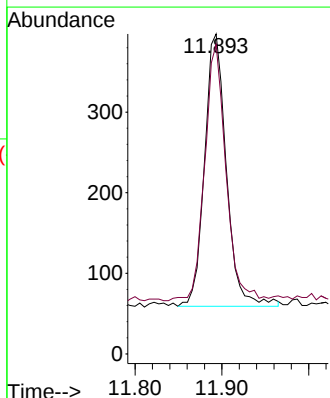
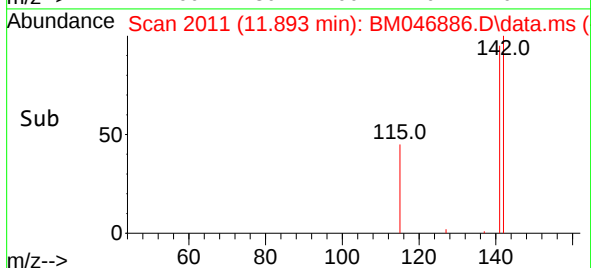
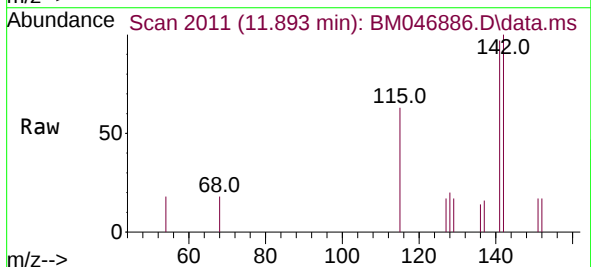
Manual Integrations
APPROVED

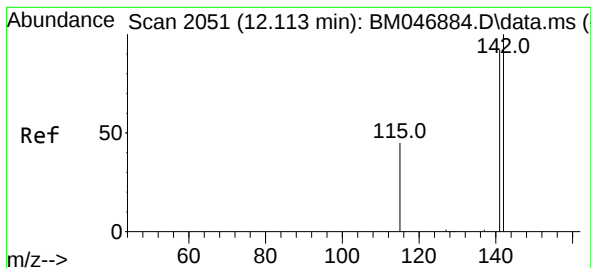
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.011 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40

Tgt Ion:142 Resp: 591
Ion Ratio Lower Upper
142 100
141 91.4 70.5 105.7





#8

1-Methylnaphthalene

Concen: 0.038 ng/ul

RT: 12.113 min Scan# 2051

Delta R.T. -0.017 min

Lab File: BM046886.D

Acq: 29 Jul 2024 16:40

Instrument :

BNA_M

ClientSampleId :

A4CM3DL

Tgt Ion:142 Resp: 50

Ion Ratio Lower Upper

142 100

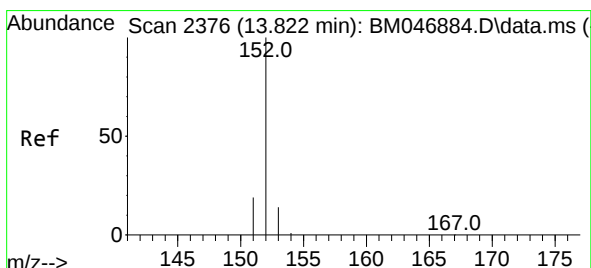
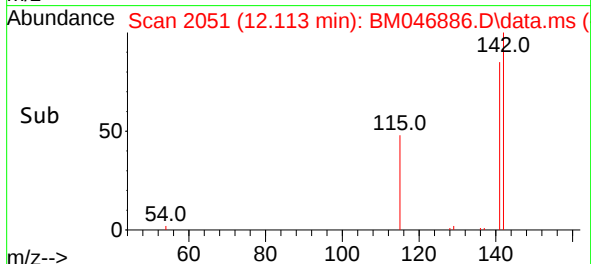
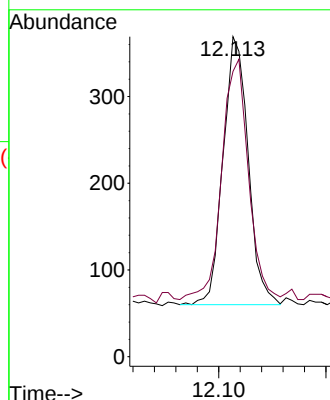
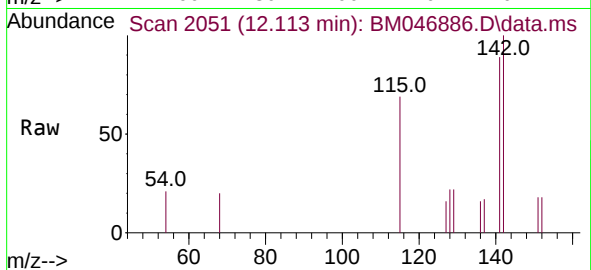
141 96.6 73.1 109.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 08/03/2024



#10

Acenaphthylene

Concen: 0.119 ng/ul

RT: 13.822 min Scan# 2376

Delta R.T. -0.009 min

Lab File: BM046886.D

Acq: 29 Jul 2024 16:40

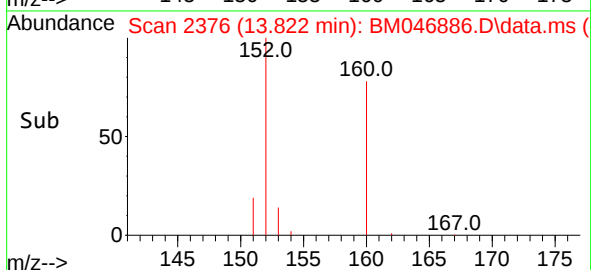
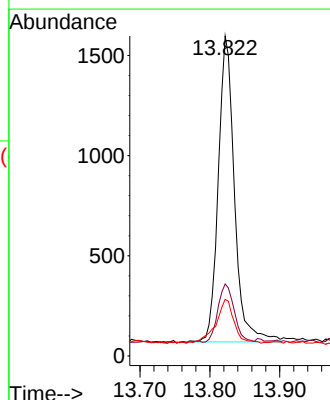
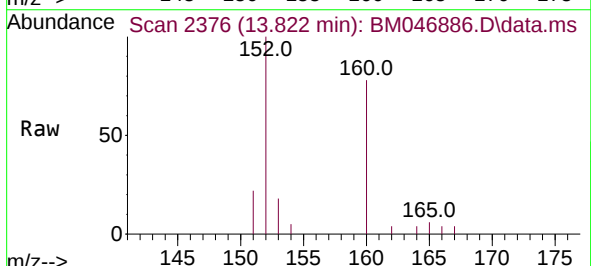
Tgt Ion:152 Resp: 2459

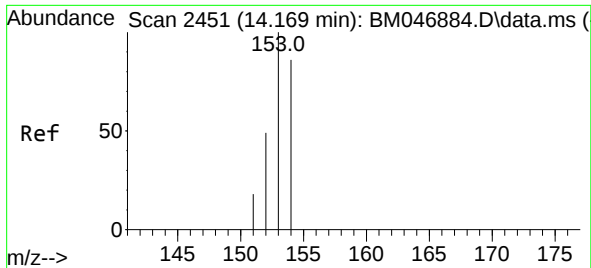
Ion Ratio Lower Upper

152 100

151 22.5 16.8 25.2

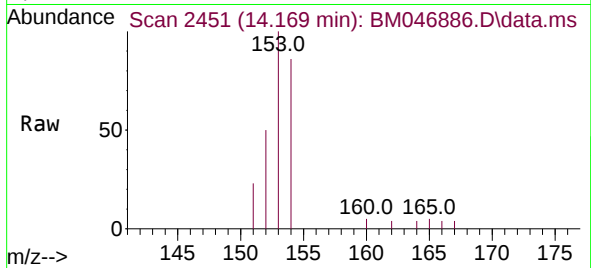
153 17.7 11.0 16.6#





#11
Acenaphthene
Concen: 0.155 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40

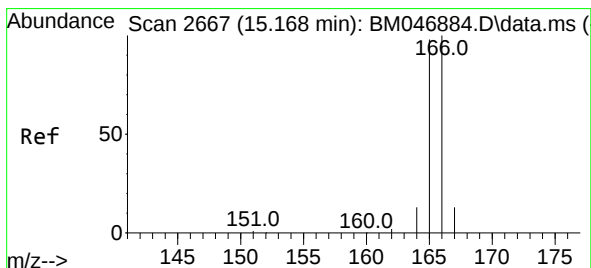
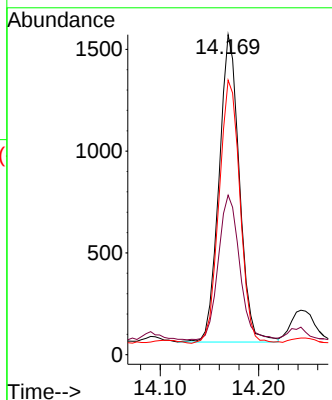
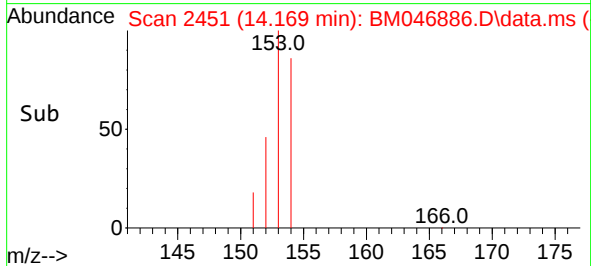
Instrument :
BNA_M
ClientSampleId :
A4CM3DL



Tgt Ion:153 Resp: 217
Ion Ratio Lower Upper
153 100
152 49.9 38.6 57.8
154 85.8 70.8 106.2

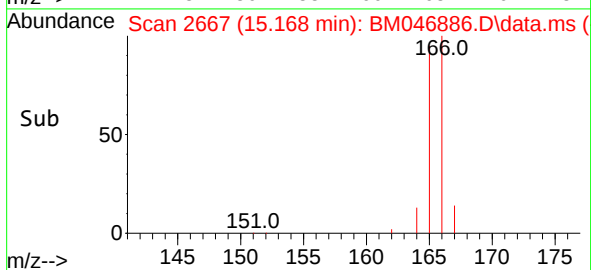
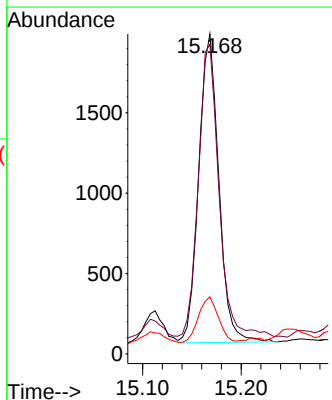
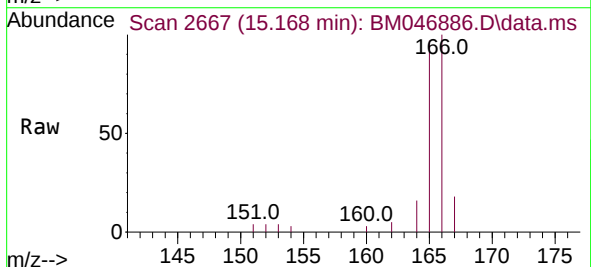
Manual Integrations
APPROVED

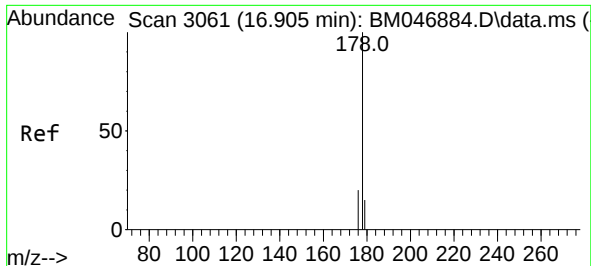
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 0.156 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40

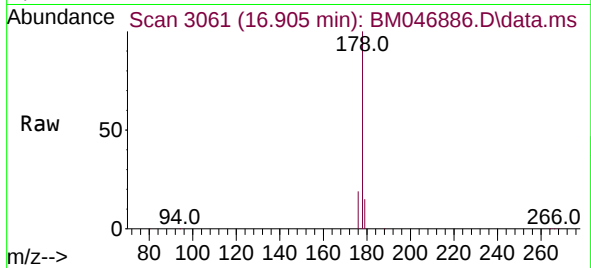
Tgt Ion:166 Resp: 2727
Ion Ratio Lower Upper
166 100
165 96.7 79.8 119.6
167 17.8 12.3 18.5





#15
Phenanthrene
Concen: 2.032 ng/u1
RT: 16.905 min Scan# 3061
Delta R.T. -0.009 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40

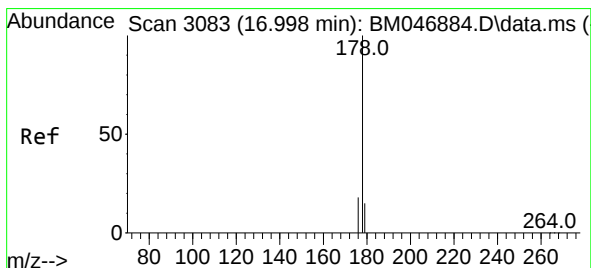
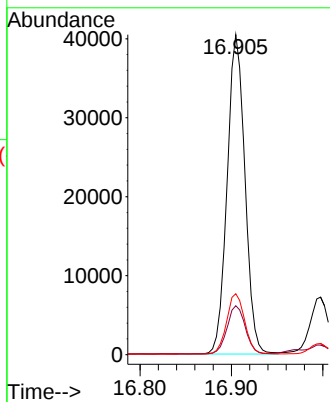
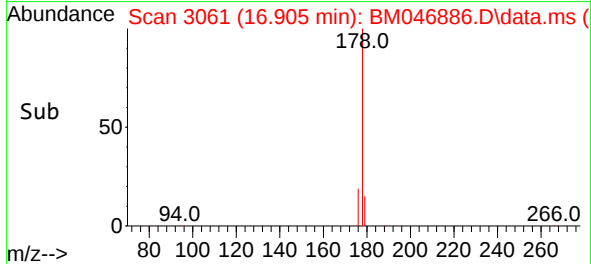
Instrument :
BNA_M
ClientSampleId :
A4CM3DL



Tgt Ion:178 Resp: 5470
Ion Ratio Lower Upper
178 100
179 15.3 13.4 20.2
176 19.0 16.1 24.1

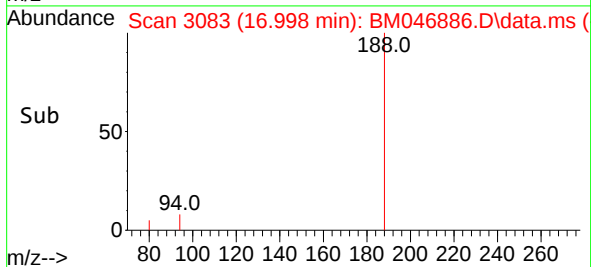
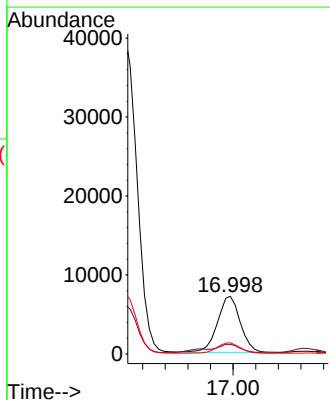
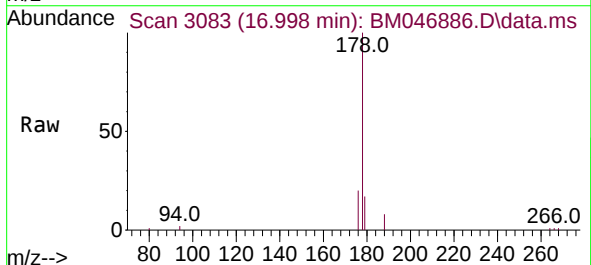
Manual Integrations
APPROVED

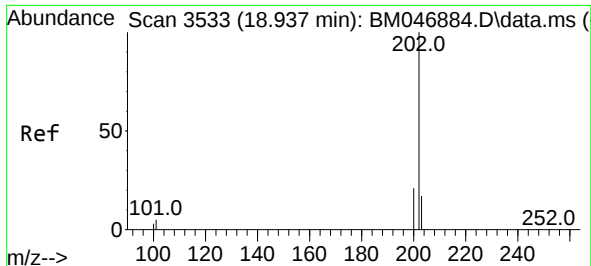
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 0.398 ng/u1
RT: 16.998 min Scan# 3083
Delta R.T. -0.009 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40

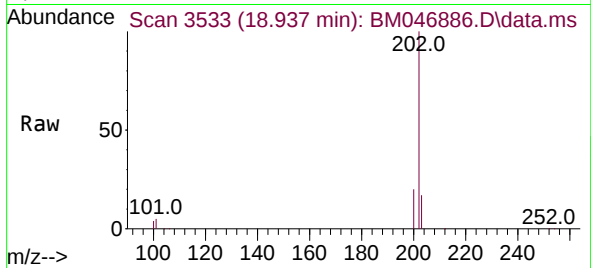
Tgt Ion:178 Resp: 9979
Ion Ratio Lower Upper
178 100
179 16.8 13.1 19.7
176 19.5 15.0 22.6





#19
Fluoranthene
Concen: 3.112 ng/ul
RT: 18.937 min Scan# 3533
Delta R.T. -0.005 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40

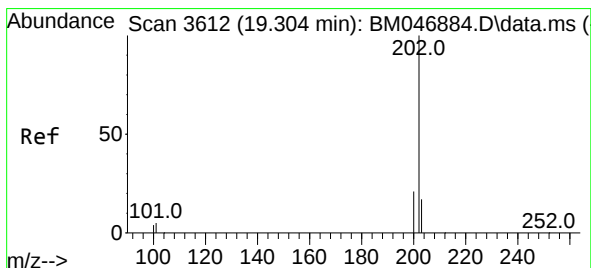
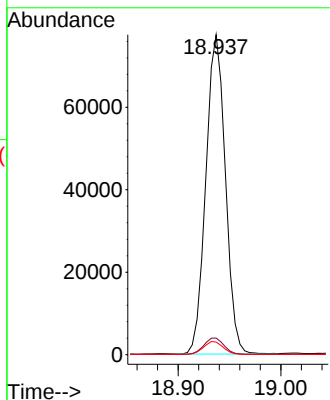
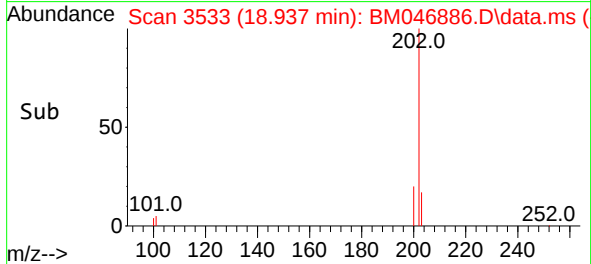
Instrument :
BNA_M
ClientSampleId :
A4CM3DL



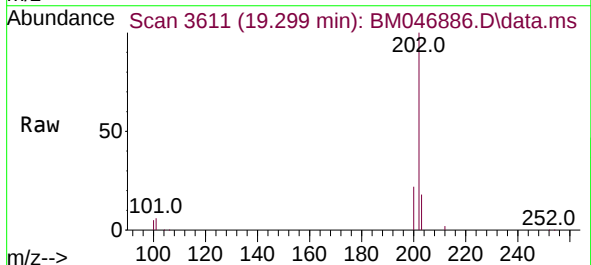
Tgt Ion:202 Resp: 10238
Ion Ratio Lower Upper
202 100
101 5.2 4.7 7.1
100 4.0 3.4 5.2

Manual Integrations
APPROVED

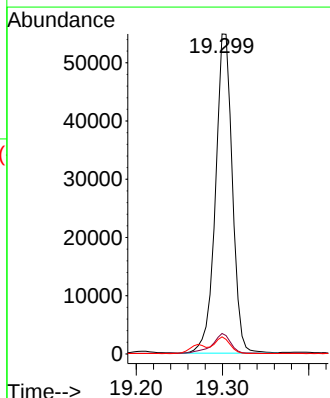
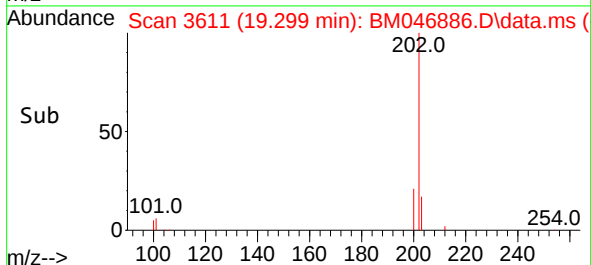
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

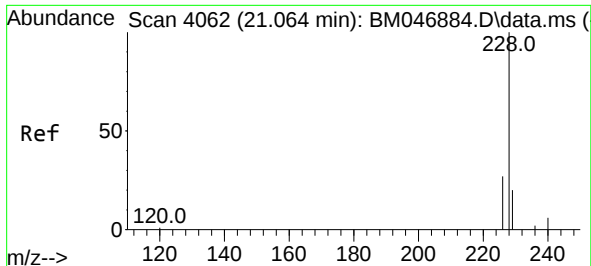


#20
Pyrene
Concen: 2.188 ng/ul
RT: 19.299 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40



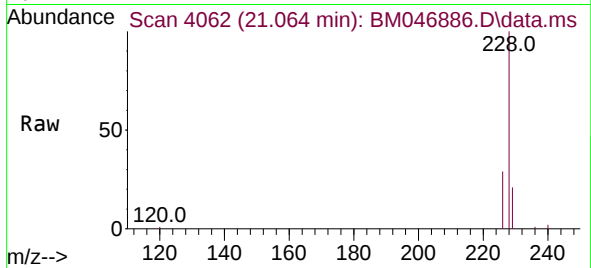
Tgt Ion:202 Resp: 74466
Ion Ratio Lower Upper
202 100
101 6.4 5.2 7.8
100 5.4 4.3 6.5





#21
Benzo(a)anthracene
Concen: 1.320 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.000 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40

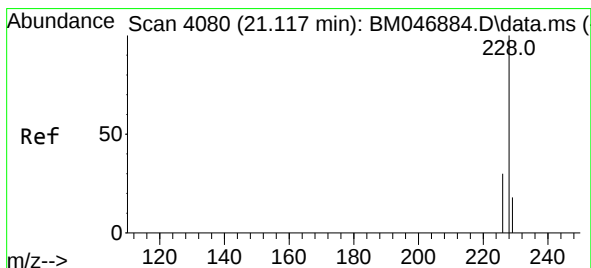
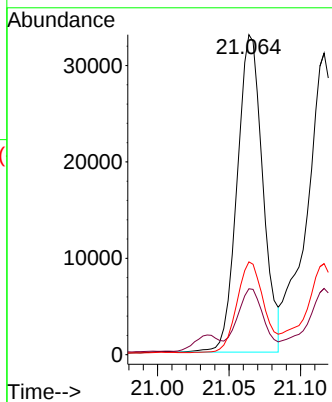
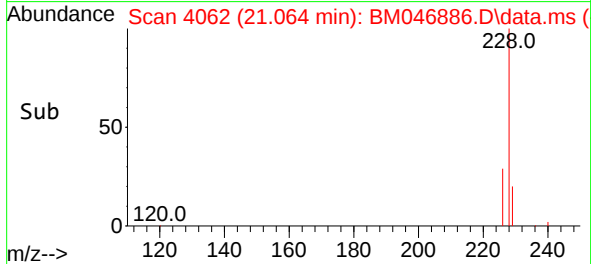
Instrument :
BNA_M
ClientSampleId :
A4CM3DL



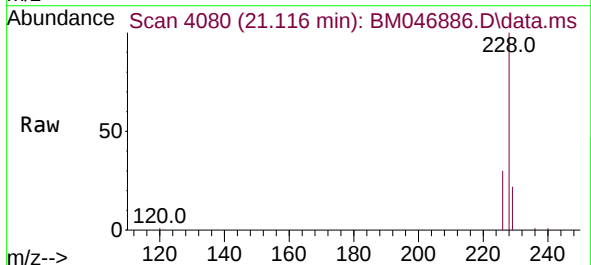
Tgt Ion:228 Resp: 41215
Ion Ratio Lower Upper
228 100
229 20.6 16.3 24.5
226 29.0 22.3 33.5

Manual Integrations
APPROVED

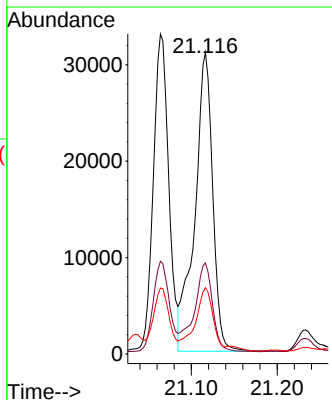
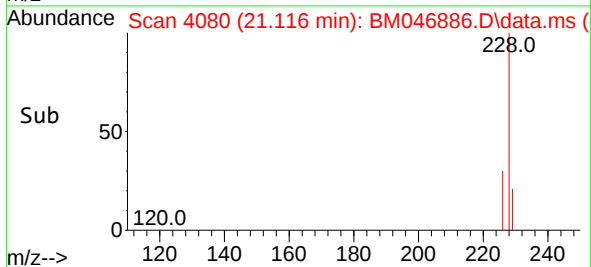
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

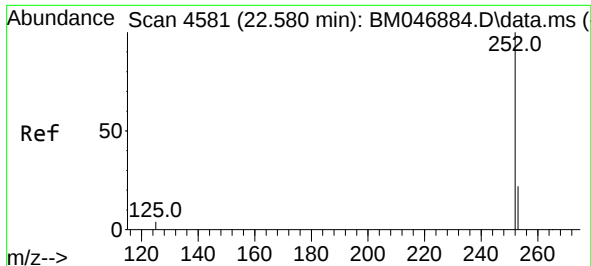


#22
Chrysene
Concen: 1.419 ng/ul
RT: 21.116 min Scan# 4080
Delta R.T. -0.000 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40



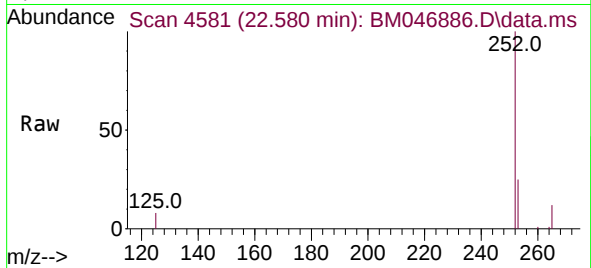
Tgt Ion:228 Resp: 44989
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 22.0 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.556 ng/ul m
RT: 22.580 min Scan# 4581
Delta R.T. -0.000 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40

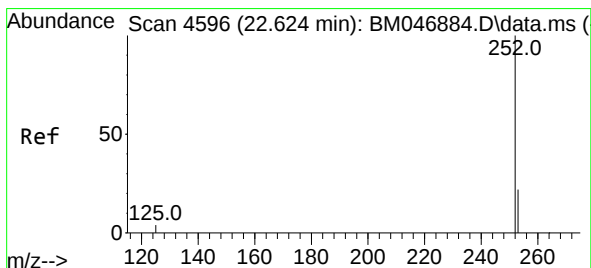
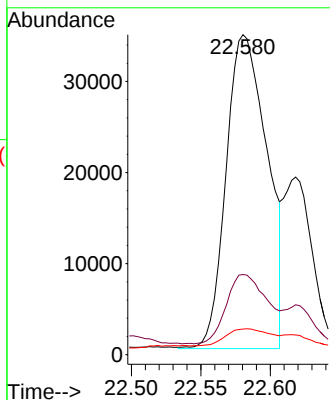
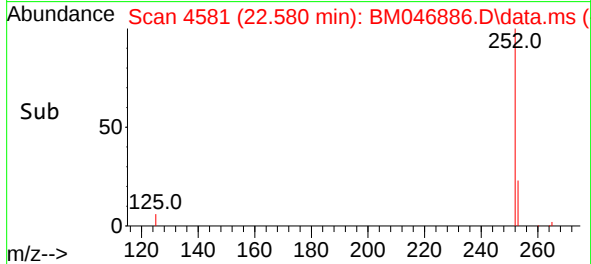
Instrument :
BNA_M
ClientSampleId :
A4CM3DL



Tgt Ion:252 Resp: 70785
Ion Ratio Lower Upper
252 100
253 25.1 0.0 56.4
125 8.0 0.0 15.8

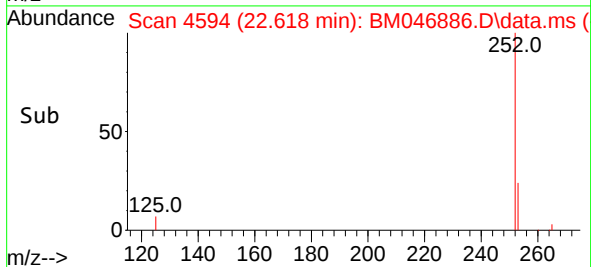
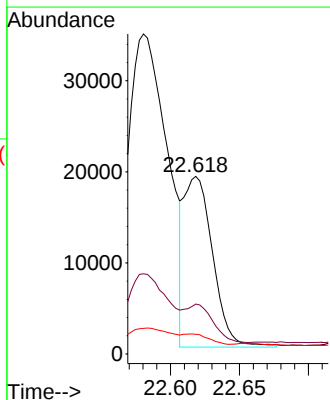
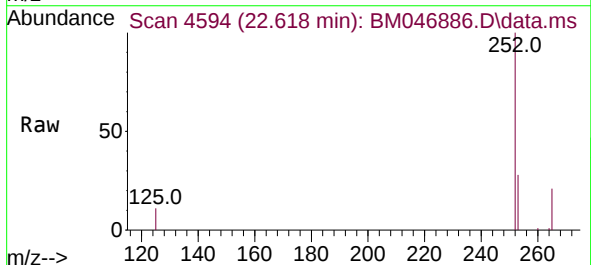
Manual Integrations
APPROVED

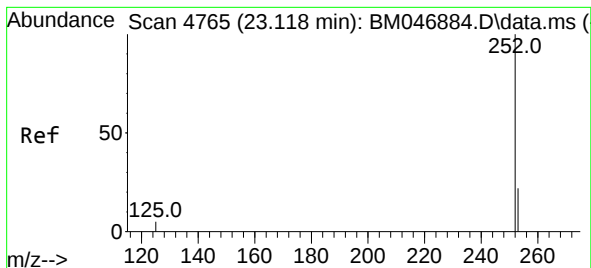
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 0.591 ng/ul m
RT: 22.618 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40

Tgt Ion:252 Resp: 27072
Ion Ratio Lower Upper
252 100
253 28.1 23.5 35.3
125 11.1 8.6 13.0





#26

Benzo(a)pyrene

Concen: 0.812 ng/ul

RT: 23.115 min Scan# 4765

Delta R.T. -0.003 min

Lab File: BM046886.D

Acq: 29 Jul 2024 16:40

Instrument :

BNA_M

ClientSampleId :

A4CM3DL

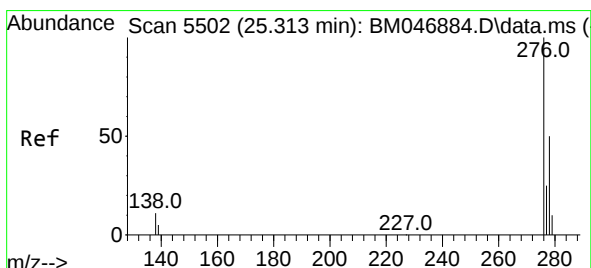
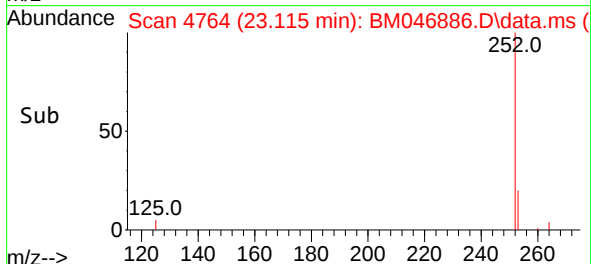
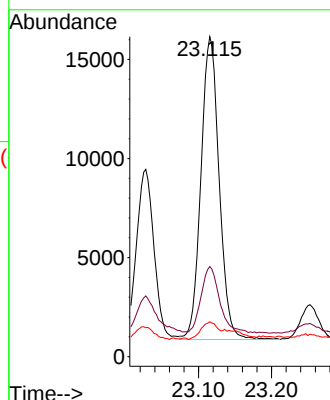
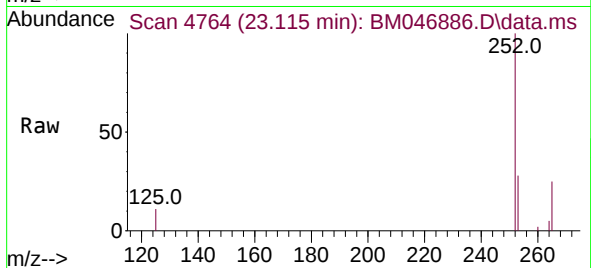
Tgt Ion:	252	Resp:	2650
Ion Ratio	Lower	Upper	
252	100		
253	28.2	26.0	39.0
125	10.9	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 08/03/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.406 ng/ul

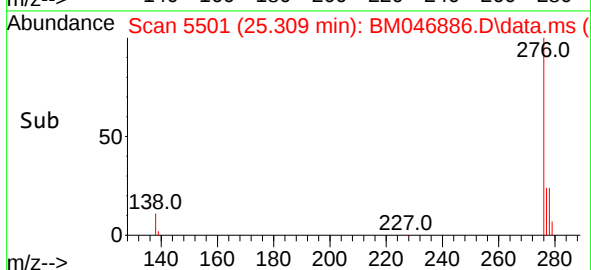
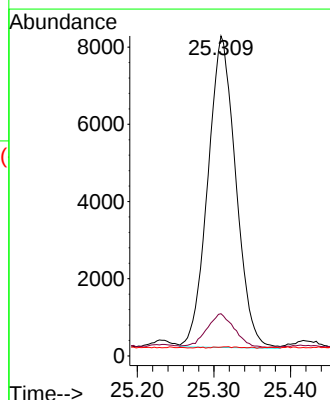
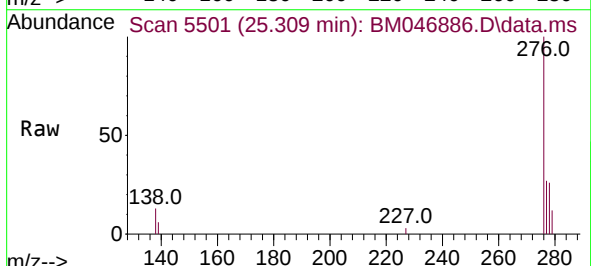
RT: 25.309 min Scan# 5501

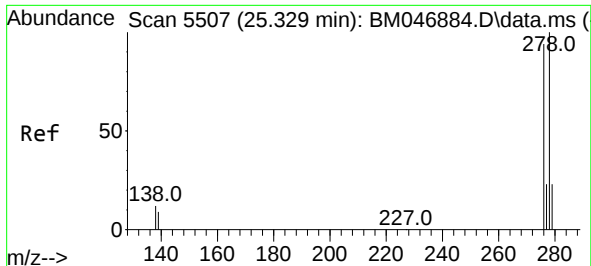
Delta R.T. -0.007 min

Lab File: BM046886.D

Acq: 29 Jul 2024 16:40

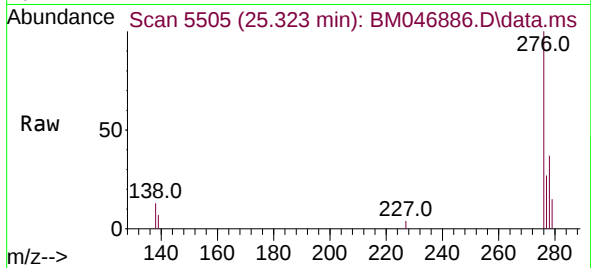
Tgt Ion:	276	Resp:	20395
Ion Ratio	Lower	Upper	
276	100		
138	10.7	9.7	14.5
227	0.1	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.174 ng/ul
RT: 25.323 min Scan# 5505
Delta R.T. -0.010 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40

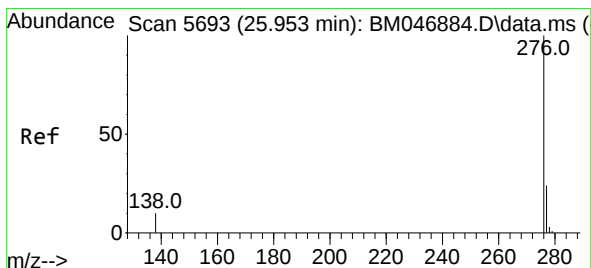
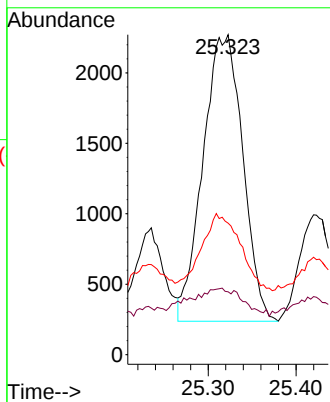
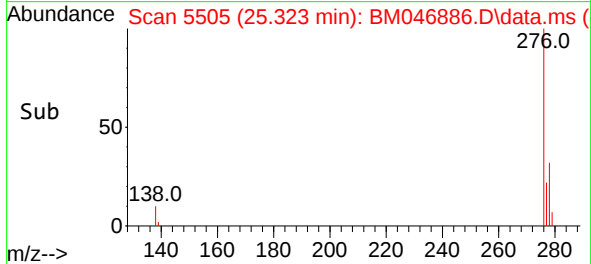
Instrument :
BNA_M
ClientSampleId :
A4CM3DL



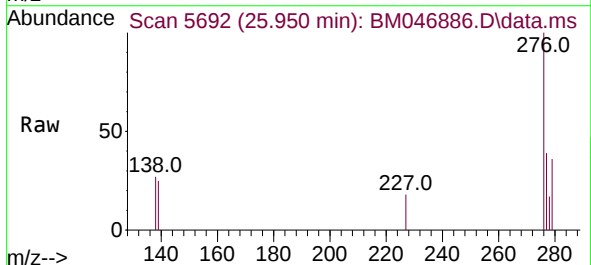
Tgt Ion:278 Resp: 638
Ion Ratio Lower Upper
278 100
139 19.6 9.8 14.8#
279 41.1 25.2 37.8#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#29
Benzo(g,h,i)perylene
Concen: 0.073 ng/ul
RT: 25.950 min Scan# 5692
Delta R.T. -0.003 min
Lab File: BM046886.D
Acq: 29 Jul 2024 16:40



Tgt Ion:276 Resp: 3238
Ion Ratio Lower Upper
276 100
138 27.2 9.5 14.3#
277 39.2 20.9 31.3#

