

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046226.D
 Acq On : 23 Jun 2024 09:35
 Operator : MA/JU
 Sample : P2776-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C72

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 24 02:29:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.409	152	1894	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.183	136	5723	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.058	164	3190	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	16.799	188	6820m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.003	240	5741m	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264	6661m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	9599	3.694	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.811	152	2194	0.286	ng/ul	-0.05
18) Fluoranthene-d10	18.835	212	5321	0.309	ng/ul	-0.05
Target Compounds						Qvalue
5) Naphthalene	10.233	128	794	0.050	ng/ul#	72
7) 2-Methylnaphthalene	11.882	142	291	0.032	ng/ul	95
8) 1-Methylnaphthalene	12.097	142	237	0.024	ng/ul	90
10) Acenaphthylene	13.776	152	2597	0.172	ng/ul#	93
11) Acenaphthene	14.118	153	435	0.040	ng/ul	94
12) Fluorene	15.113	166	600	0.051	ng/ul#	95
15) Phenanthrene	16.842	178	13716m	0.716	ng/ul	
16) Anthracene	16.934	178	3345m	0.234	ng/ul	
19) Fluoranthene	18.863	202	40630	1.635	ng/ul	98
20) Pyrene	19.225	202	33994	1.265	ng/ul	99
21) Benzo(a)anthracene	20.985	228	20099	0.906	ng/ul	93
22) Chrysene	21.038	228	23951	0.846	ng/ul	94
24) Benzo(b)fluoranthene	22.475	252	34872m	1.453	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	11703m	0.410	ng/ul	
26) Benzo(a)pyrene	22.998	252	14894	0.670	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.128	276	14615	0.402	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.135	278	4417	0.163	ng/ul#	40
29) Benzo(g,h,i)perylene	25.755	276	4593	0.147	ng/ul#	62

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

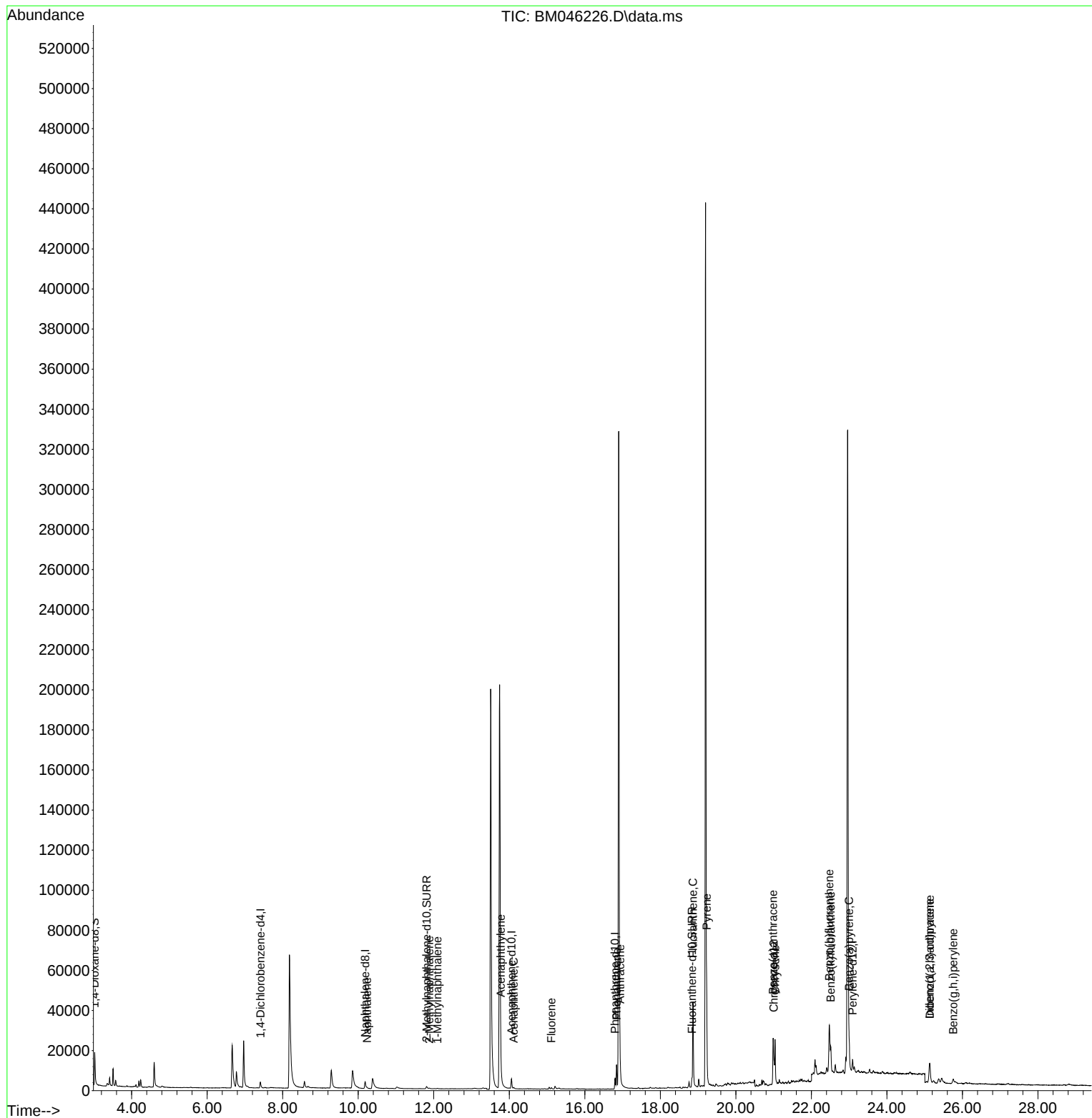
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046226.D
Acq On : 23 Jun 2024 09:35
Operator : MA/JU
Sample : P2776-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

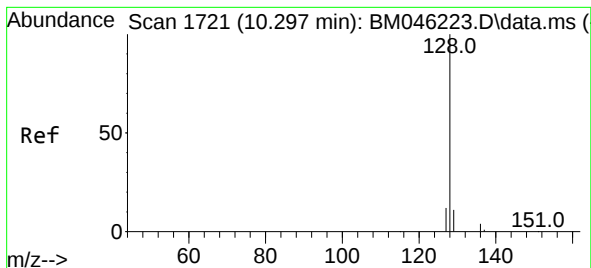
Instrument :
BNA_M
ClientSampleId :
A4C72

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

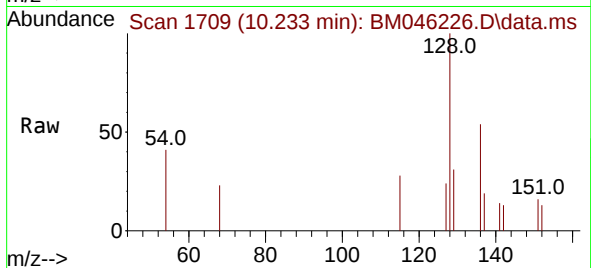
Quant Time: Jun 24 02:29:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.233 min Scan# 1709
Delta R.T. -0.070 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

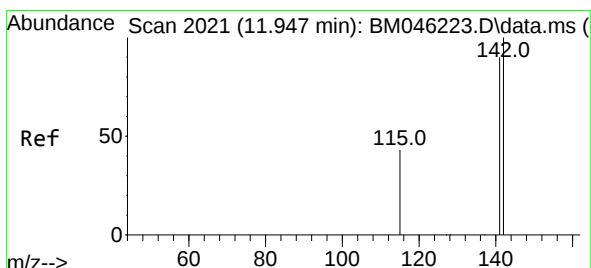
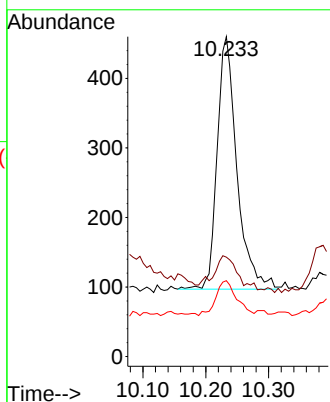
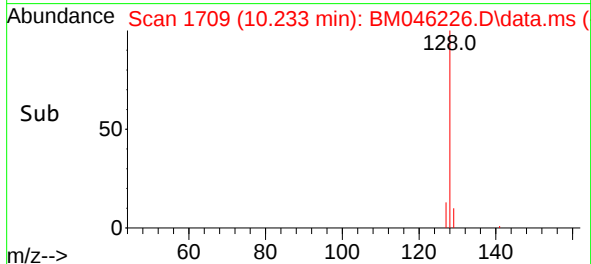
Instrument :
BNA_M
ClientSampleId :
A4C72



Tgt Ion:128 Resp: 794
Ion Ratio Lower Upper
128 100
129 31.1 11.8 17.6
127 23.7 12.8 19.2

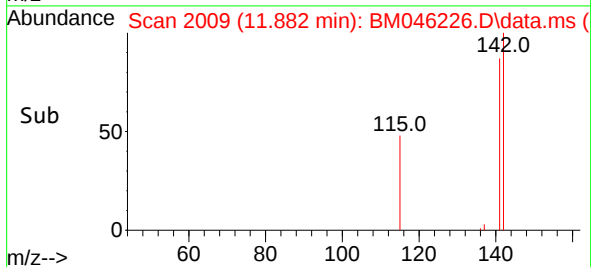
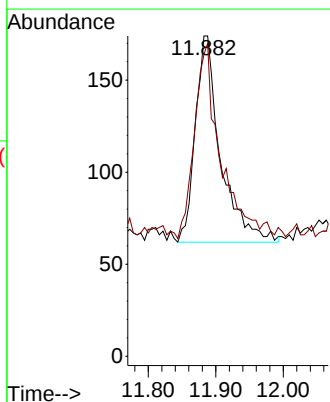
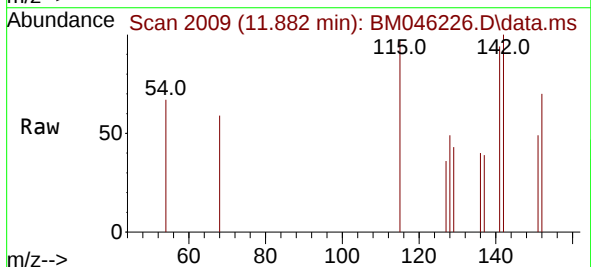
Manual Integrations
APPROVED

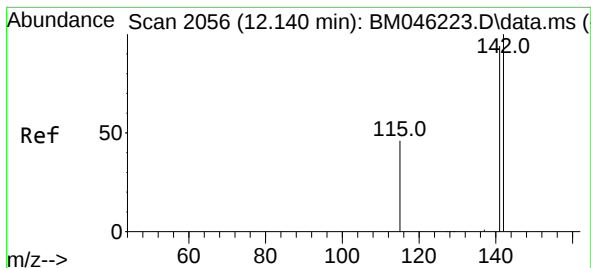
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 11.882 min Scan# 2009
Delta R.T. -0.065 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

Tgt Ion:142 Resp: 291
Ion Ratio Lower Upper
142 100
141 97.6 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.024 ng/u1

RT: 12.097 min Scan# 2056

Delta R.T. -0.054 min

Lab File: BM046226.D

Acq: 23 Jun 2024 09:35

Instrument :

BNA_M

ClientSampleId :

A4C72

Tgt Ion:142 Resp: 237

Ion Ratio Lower Upper

142 100

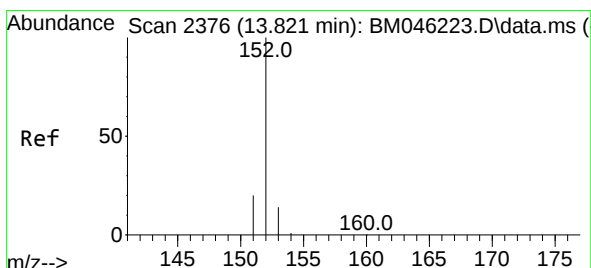
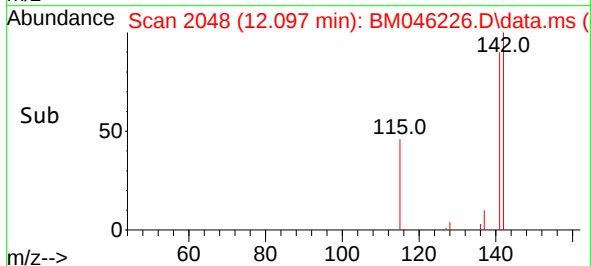
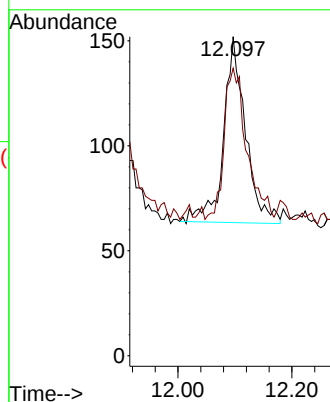
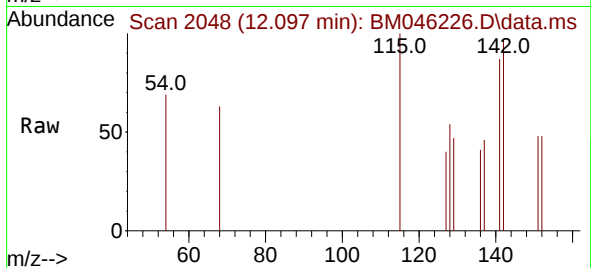
141 84.4 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Jagrut Upadhyay 06/24/2024



#10

Acenaphthylene

Concen: 0.172 ng/u1

RT: 13.776 min Scan# 2366

Delta R.T. -0.059 min

Lab File: BM046226.D

Acq: 23 Jun 2024 09:35

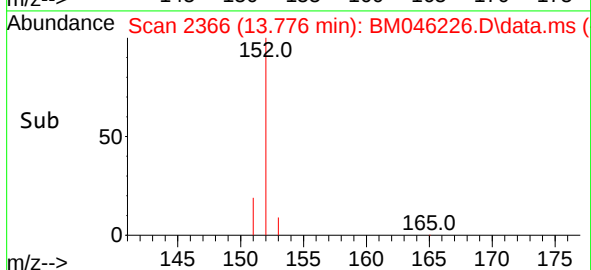
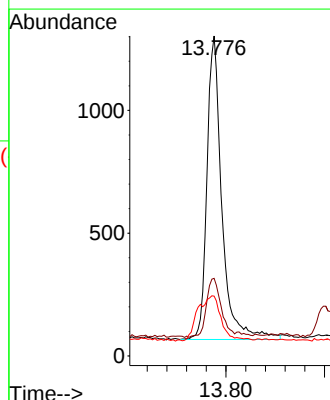
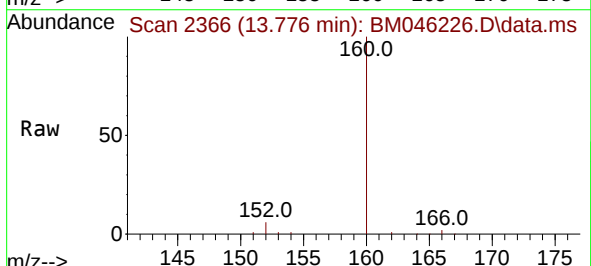
Tgt Ion:152 Resp: 2597

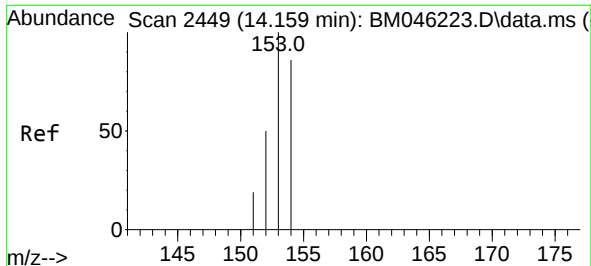
Ion Ratio Lower Upper

152 100

151 24.3 17.4 26.2

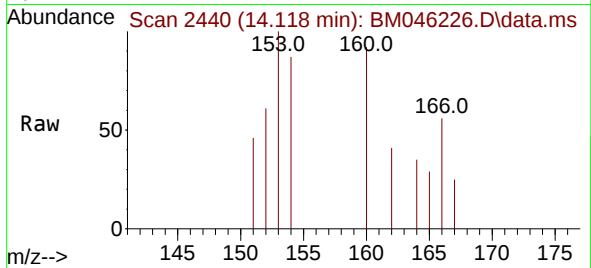
153 18.7 11.8 17.8#





#11
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.054 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

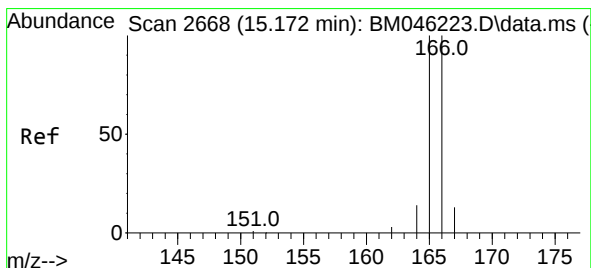
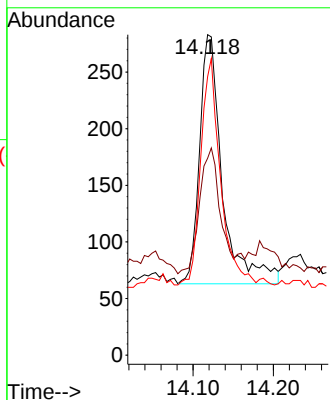
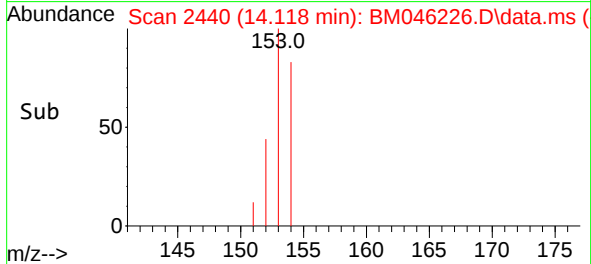
Instrument :
BNA_M
ClientSampleId :
A4C72



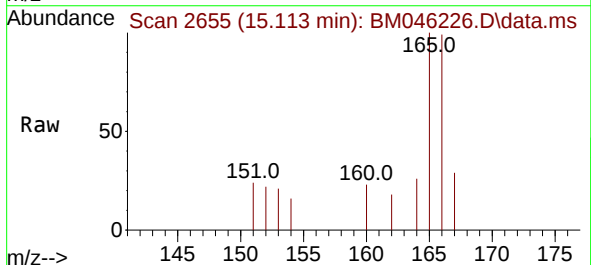
Tgt Ion:153 Resp: 435
Ion Ratio Lower Upper
153 100
152 61.5 41.3 61.9
154 86.9 68.2 102.4

Manual Integrations
APPROVED

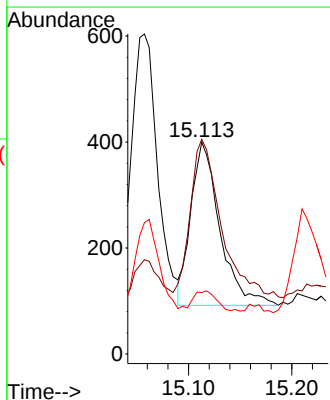
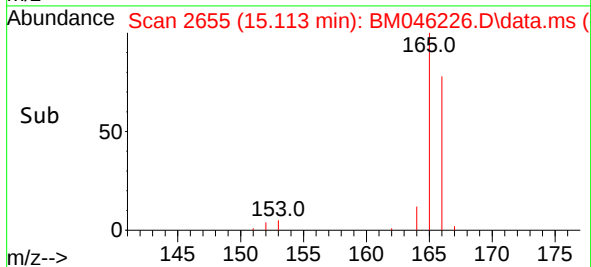
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

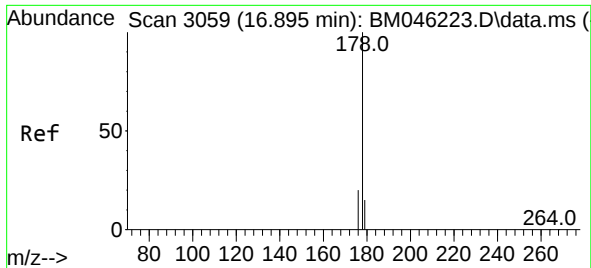


#12
Fluorene
Concen: 0.051 ng/ul
RT: 15.113 min Scan# 2655
Delta R.T. -0.068 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35



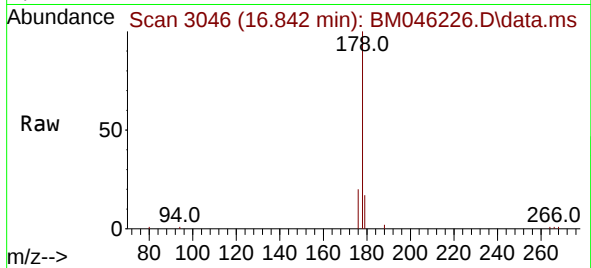
Tgt Ion:166 Resp: 600
Ion Ratio Lower Upper
166 100
165 101.3 80.4 120.6
167 29.0 12.4 18.6#





#15
Phenanthrene
Concen: 0.716 ng/ul m
RT: 16.842 min Scan# 3046
Delta R.T. -0.062 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

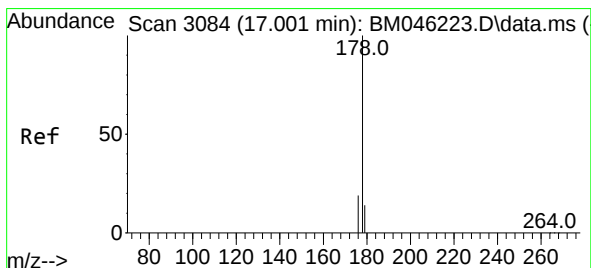
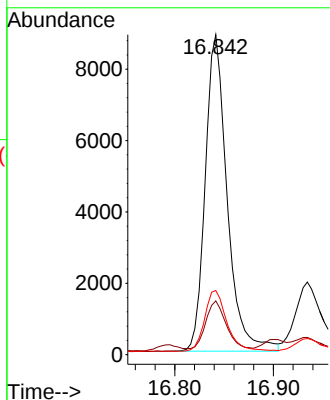
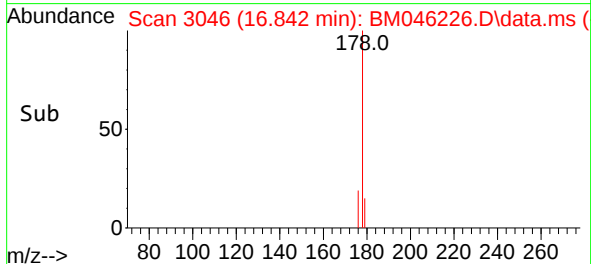
Instrument :
BNA_M
ClientSampleId :
A4C72



Tgt Ion:178 Resp: 13710
Ion Ratio Lower Upper
178 100
179 16.8 14.2 21.2
176 20.0 17.1 25.7

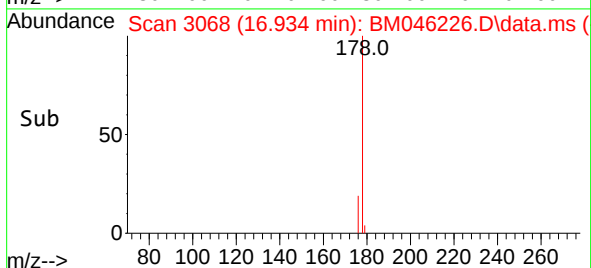
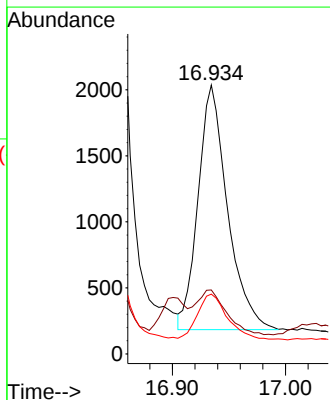
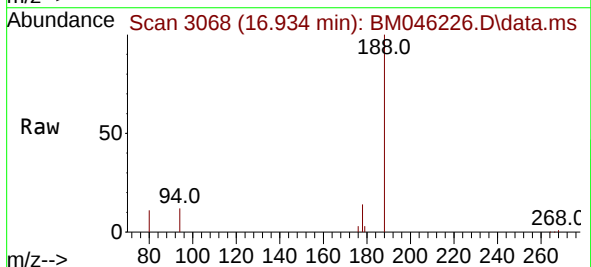
Manual Integrations
APPROVED

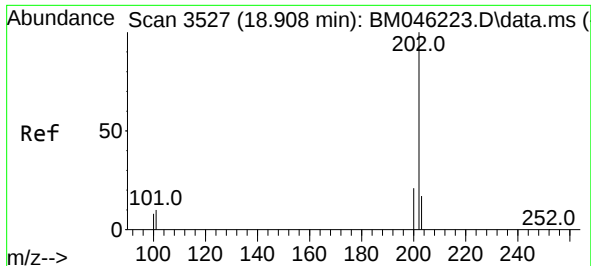
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#16
Anthracene
Concen: 0.234 ng/ul m
RT: 16.934 min Scan# 3068
Delta R.T. -0.070 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

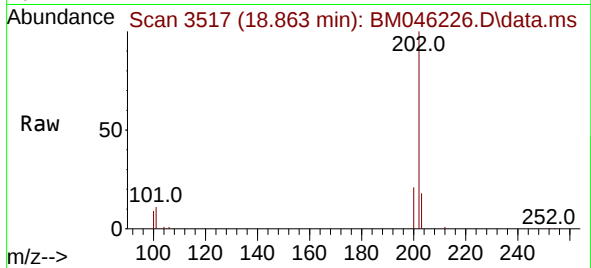
Tgt Ion:178 Resp: 3345
Ion Ratio Lower Upper
178 100
179 23.8 14.9 22.3#
176 22.2 17.0 25.4





#19
Fluoranthene
Concen: 1.635 ng/u1
RT: 18.863 min Scan# 3517
Delta R.T. -0.054 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

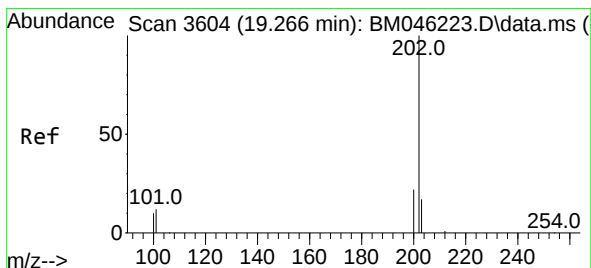
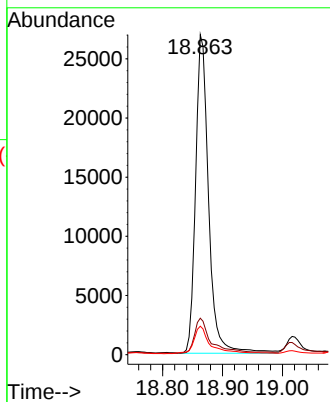
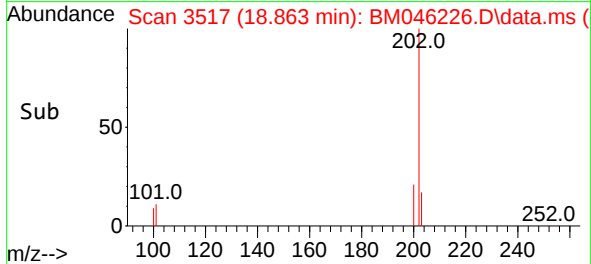
Instrument :
BNA_M
ClientSampleId :
A4C72



Tgt Ion:202 Resp: 40630
Ion Ratio Lower Upper
202 100
101 11.4 9.6 14.4
100 8.9 7.6 11.4

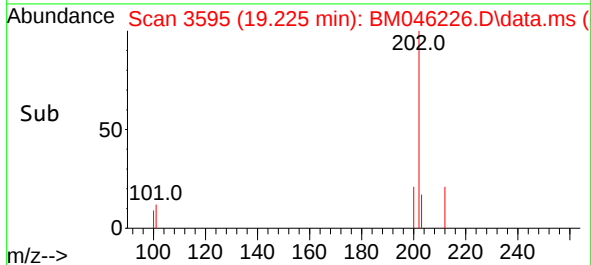
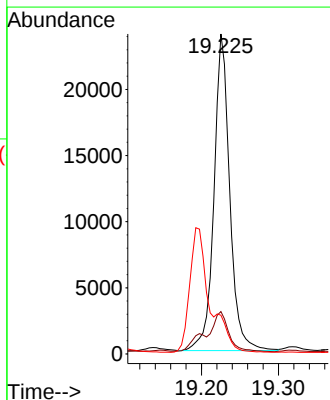
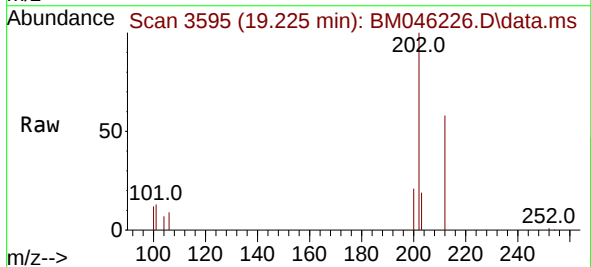
Manual Integrations
APPROVED

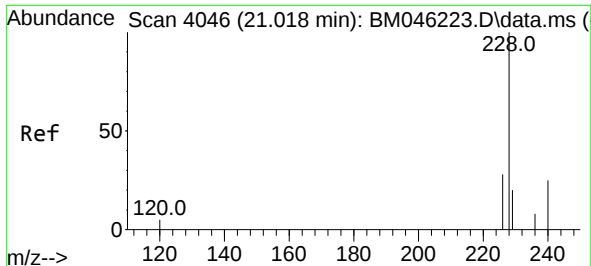
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#20
Pyrene
Concen: 1.265 ng/u1
RT: 19.225 min Scan# 3595
Delta R.T. -0.050 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

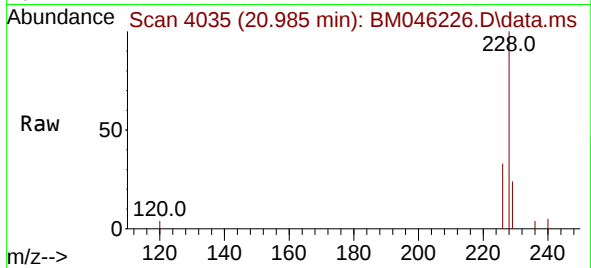
Tgt Ion:202 Resp: 33994
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 12.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.906 ng/u1
RT: 20.985 min Scan# 4035
Delta R.T. -0.044 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

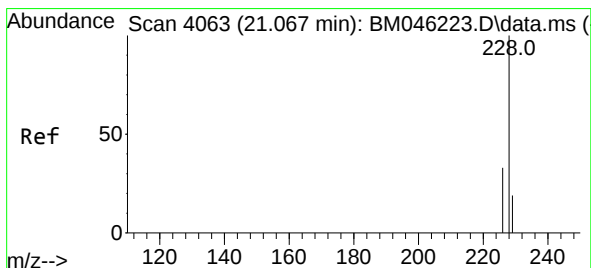
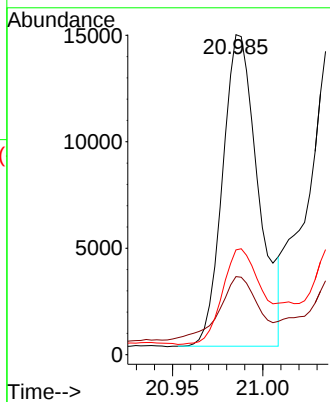
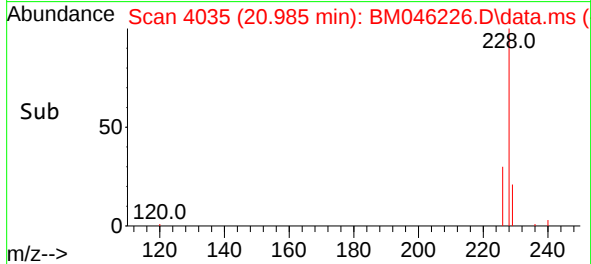
Instrument :
BNA_M
ClientSampleId :
A4C72



Tgt Ion:228 Resp: 20095
Ion Ratio Lower Upper
228 100
229 24.4 16.4 24.6
226 32.8 23.4 35.2

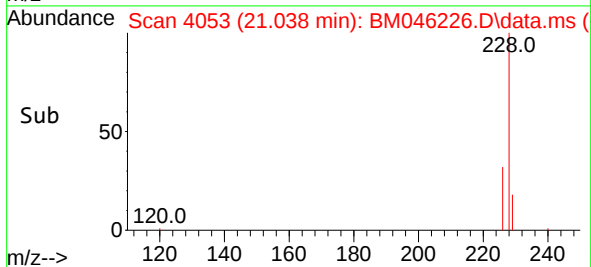
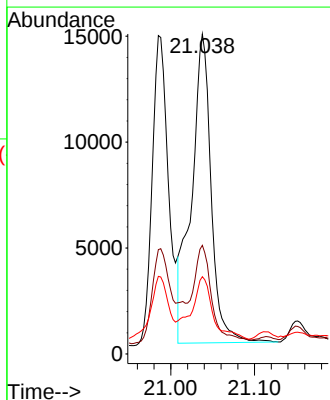
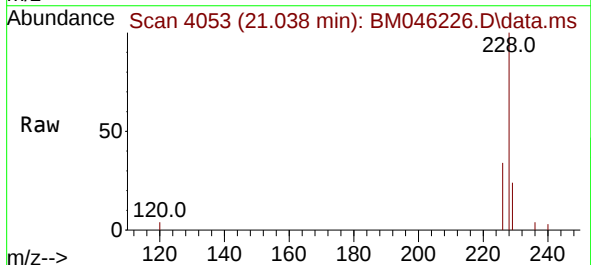
Manual Integrations
APPROVED

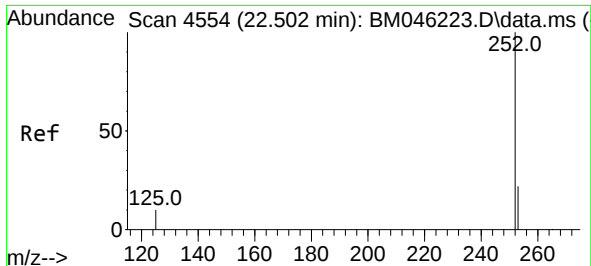
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 0.846 ng/u1
RT: 21.038 min Scan# 4053
Delta R.T. -0.038 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

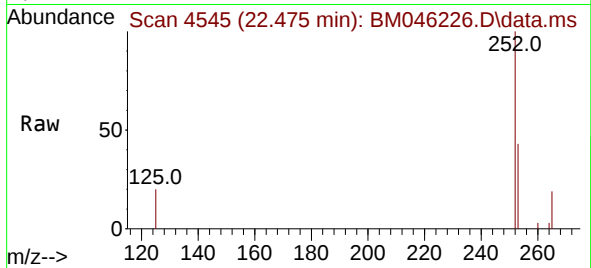
Tgt Ion:228 Resp: 23951
Ion Ratio Lower Upper
228 100
226 34.0 25.2 37.8
229 24.1 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.453 ng/ul m
RT: 22.475 min Scan# 4545
Delta R.T. -0.044 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

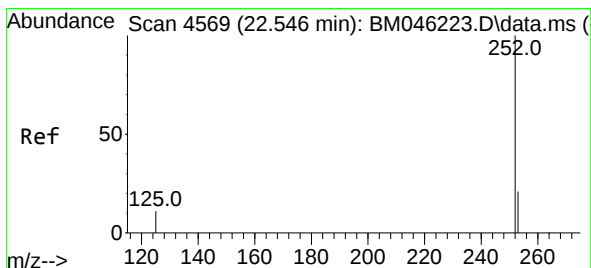
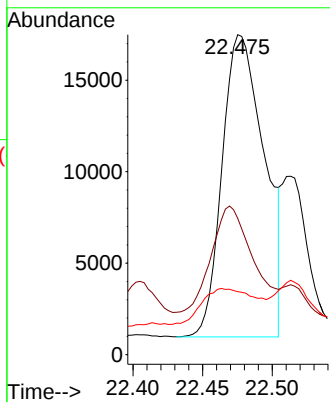
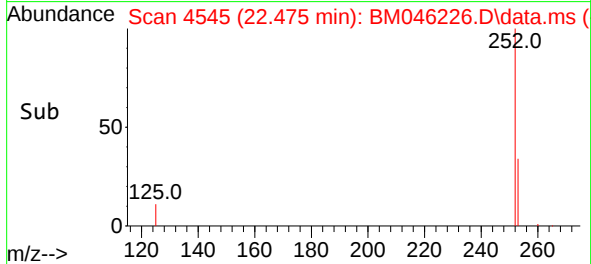
Instrument :
BNA_M
ClientSampleId :
A4C72



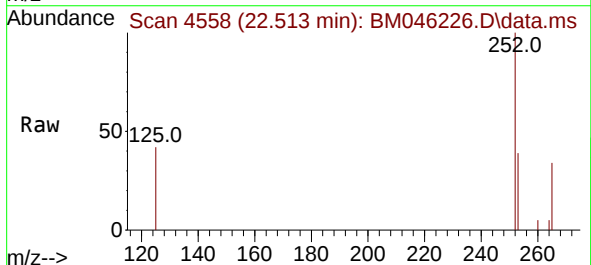
Tgt Ion:252 Resp: 34872
Ion Ratio Lower Upper
252 100
253 42.6 0.0 65.8
125 19.7 0.0 40.2

Manual Integrations
APPROVED

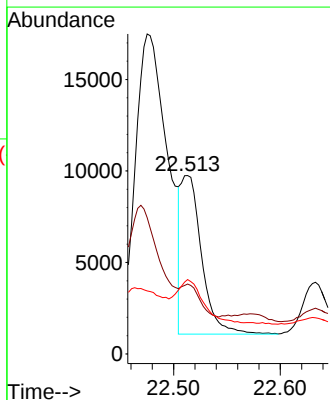
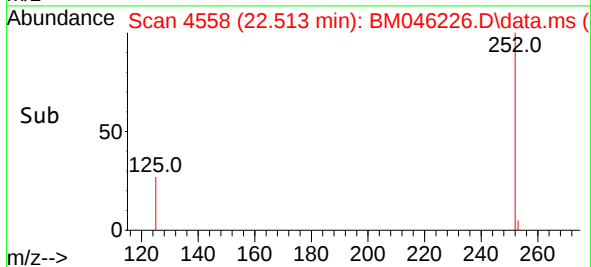
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

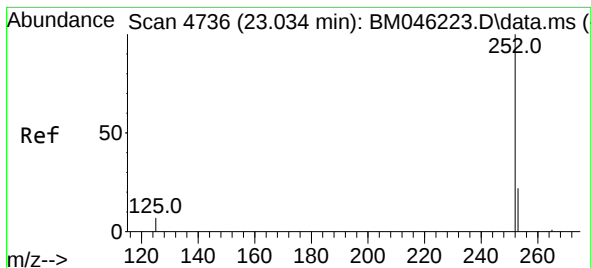


#25
Benzo(k)fluoranthene
Concen: 0.410 ng/ul m
RT: 22.513 min Scan# 4558
Delta R.T. -0.050 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35



Tgt Ion:252 Resp: 11703
Ion Ratio Lower Upper
252 100
253 39.2 27.2 40.8
125 41.7 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.670 ng/u1

RT: 22.998 min Scan# 41

Delta R.T. -0.056 min

Lab File: BM046226.D

Acq: 23 Jun 2024 09:35

Instrument :

BNA_M

ClientSampleId :

A4C72

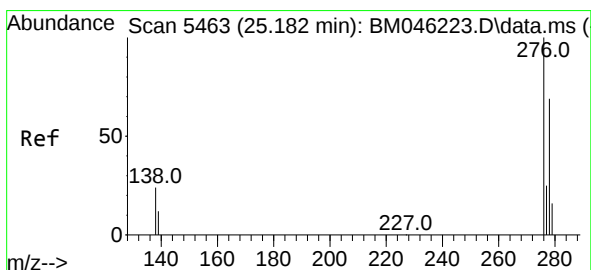
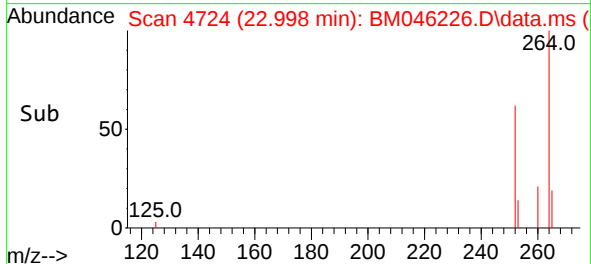
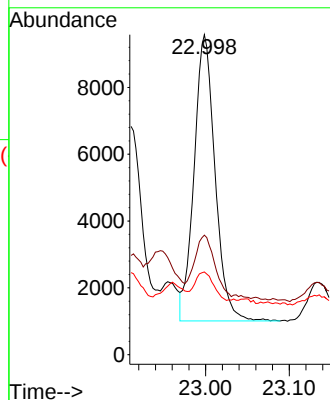
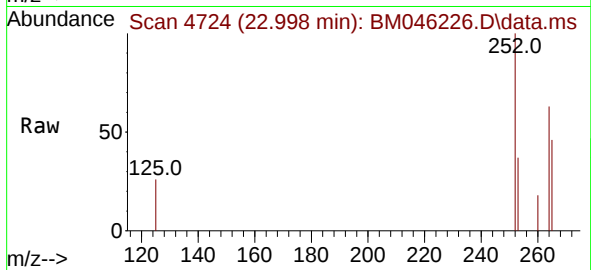
Tgt Ion:	252	Resp:	14894
Ion Ratio	Lower	Upper	
252	100		
253	37.4	32.1	48.1
125	25.9	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Jagrut Upadhyay 06/24/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.402 ng/u1

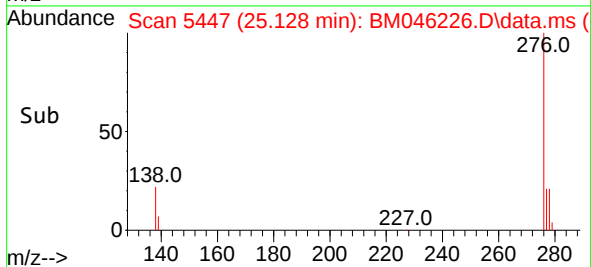
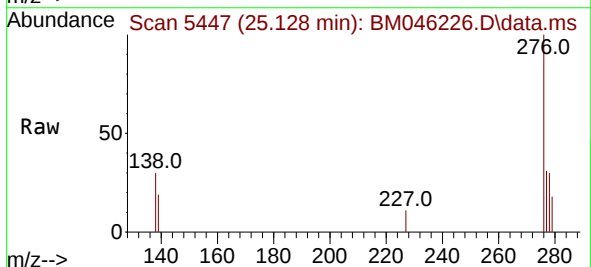
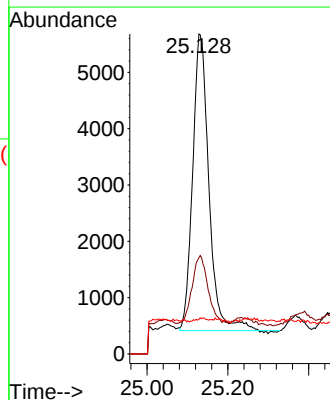
RT: 25.128 min Scan# 5447

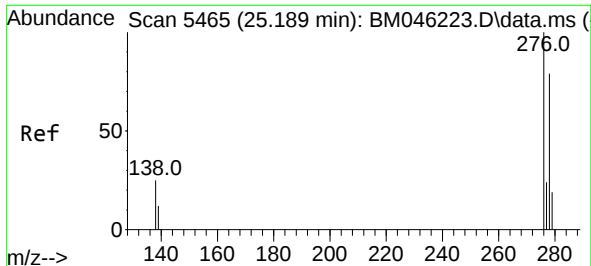
Delta R.T. -0.074 min

Lab File: BM046226.D

Acq: 23 Jun 2024 09:35

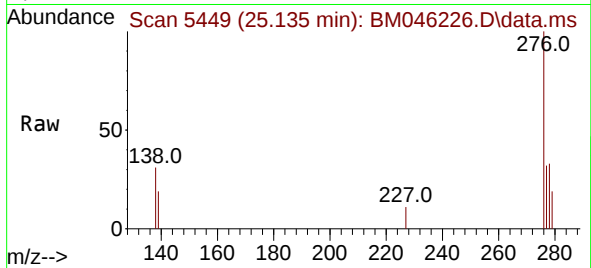
Tgt Ion:	276	Resp:	14615
Ion Ratio	Lower	Upper	
276	100		
138	24.0	21.0	31.4
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.163 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.081 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

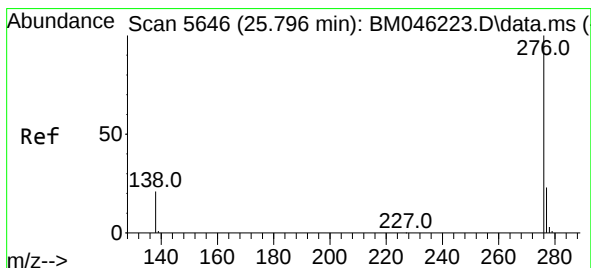
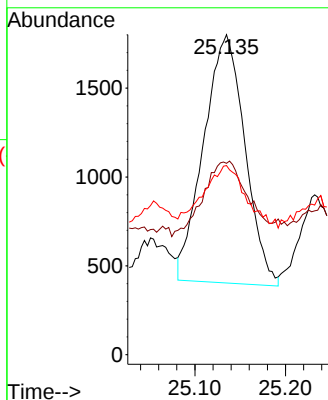
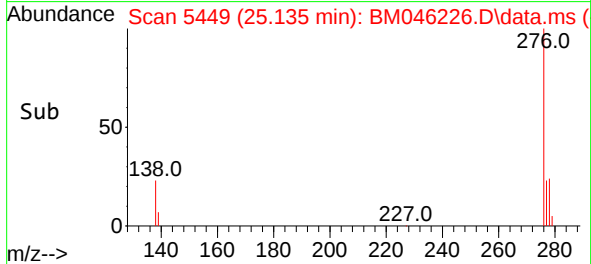
Instrument :
BNA_M
ClientSampleId :
A4C72



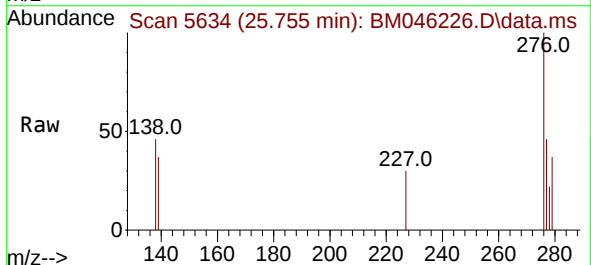
Tgt Ion:278 Resp: 441
Ion Ratio Lower Upper
278 100
139 59.8 17.6 26.4#
279 59.1 26.3 39.5#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.147 ng/ul
RT: 25.755 min Scan# 5634
Delta R.T. -0.074 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35



Tgt Ion:276 Resp: 4593
Ion Ratio Lower Upper
276 100
138 45.6 21.7 32.5#
277 45.9 20.4 30.6#

