

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046082.D
 Acq On : 19 Jun 2024 12:44
 Operator : MA/JU
 Sample : P2696-23DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B92DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 13:14:44 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	2593	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.233	136	7165	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.090	164	3988	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.833	188	7990	0.400	ng/ul	-0.03
17) Chrysene-d12	21.032	240	6532	0.400	ng/ul	-0.01
23) Perylene-d12	23.124	264	7457m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2938	0.826	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	583	0.061	ng/ul	0.00
18) Fluoranthene-d10	18.863	212	1392	0.071	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	658	0.033	ng/ul#	66
7) 2-Methylnaphthalene	11.943	142	231	0.021	ng/ul#	79
8) 1-Methylnaphthalene	12.152	142	258	0.021	ng/ul	95
11) Acenaphthene	14.150	153	732	0.054	ng/ul	95
12) Fluorene	15.150	166	910	0.062	ng/ul#	97
15) Phenanthrene	16.871	178	12451	0.555	ng/ul	97
16) Anthracene	16.964	178	2090	0.125	ng/ul#	86
19) Fluoranthene	18.891	202	16109	0.570	ng/ul	100
20) Pyrene	19.253	202	15452	0.505	ng/ul	99
21) Benzo(a)anthracene	21.017	228	6464	0.256	ng/ul	96
22) Chrysene	21.067	228	7062	0.219	ng/ul	97
24) Benzo(b)fluoranthene	22.507	252	8857m	0.330	ng/ul	
25) Benzo(k)fluoranthene	22.542	252	4204m	0.132	ng/ul	
26) Benzo(a)pyrene	23.031	252	6004	0.241	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.188	276	4430	0.109	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.195	278	1104	0.036	ng/ul#	20
29) Benzo(g,h,i)perylene	25.812	276	4523	0.129	ng/ul	91

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

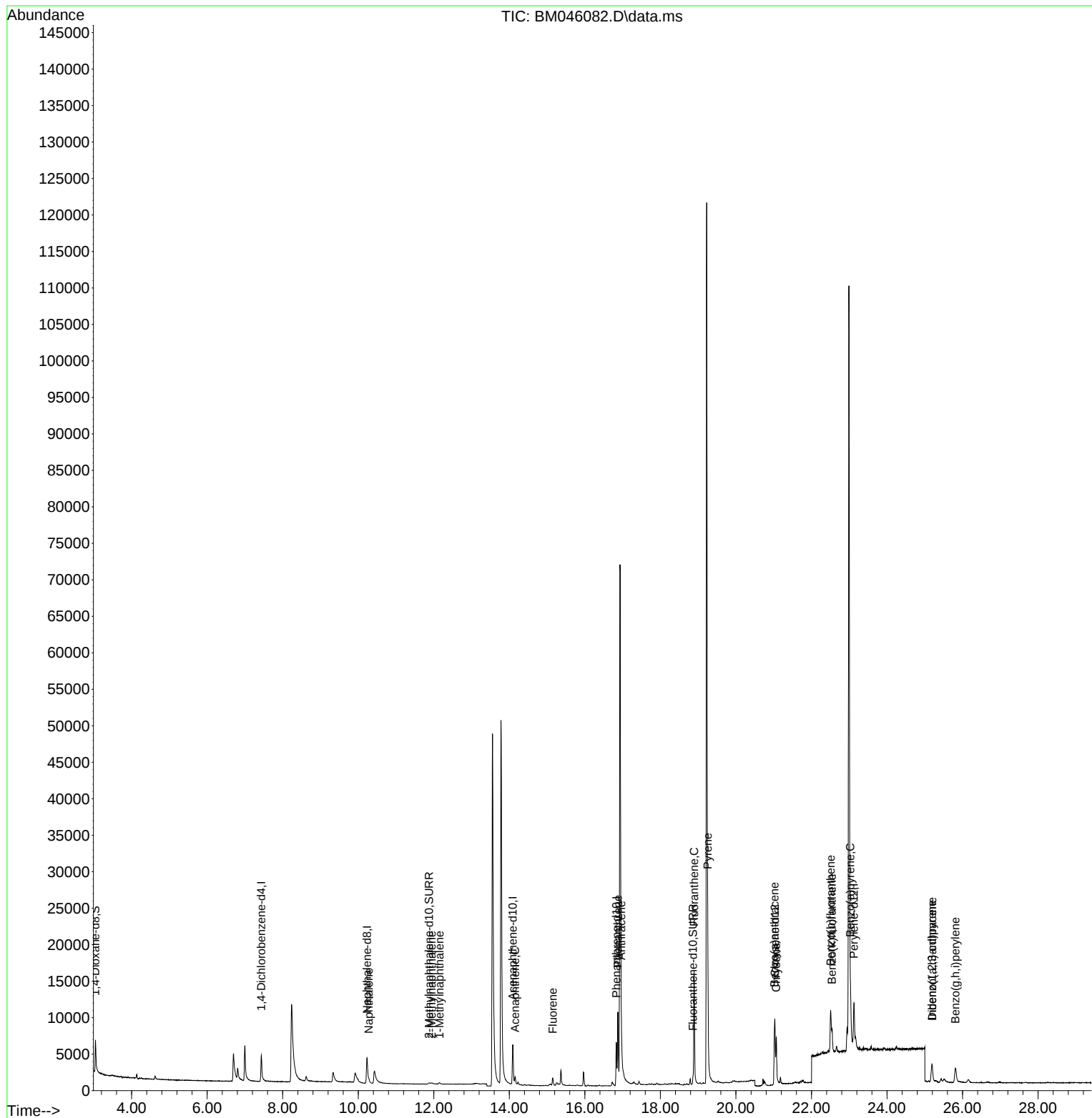
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046082.D
Acq On : 19 Jun 2024 12:44
Operator : MA/JU
Sample : P2696-23DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

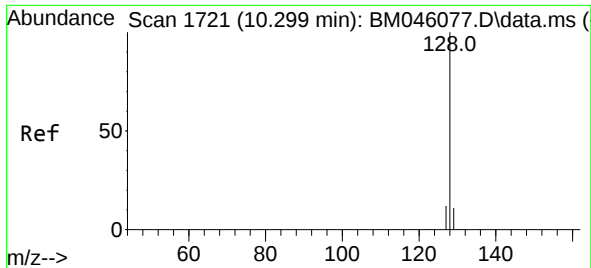
Instrument :
BNA_M
ClientSampleId :
A4B92DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

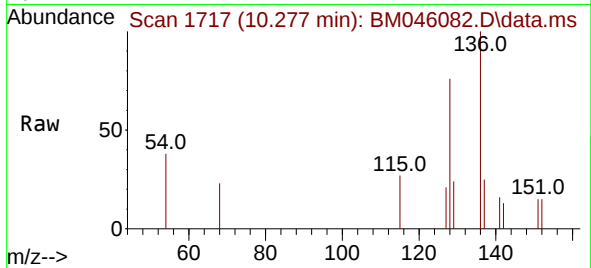
Quant Time: Jun 19 13:14:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. -0.026 min
Lab File: BM046082.D
Acq: 19 Jun 2024 12:44

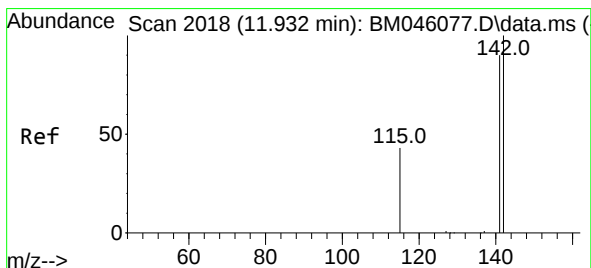
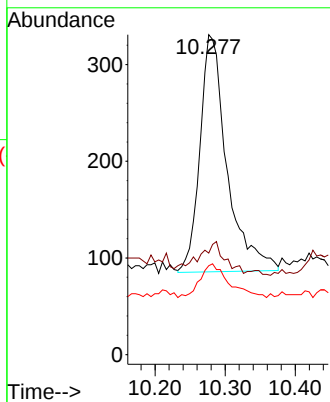
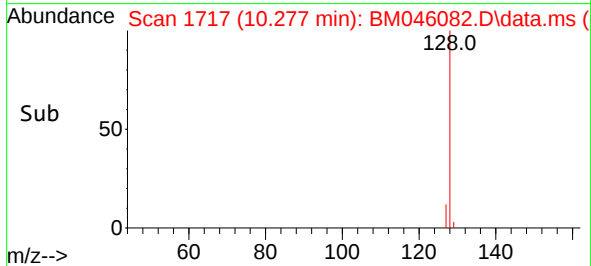
Instrument :
BNA_M
ClientSampleId :
A4B92DL



Tgt Ion:128 Resp: 658
Ion Ratio Lower Upper
128 100
129 31.7 11.8 17.6
127 27.8 12.8 19.2

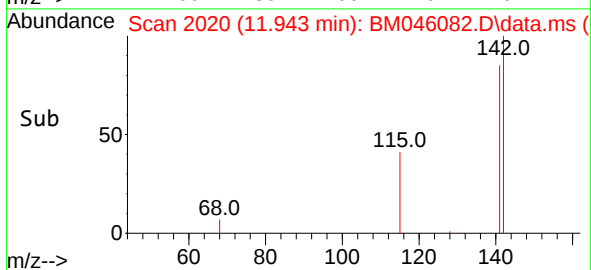
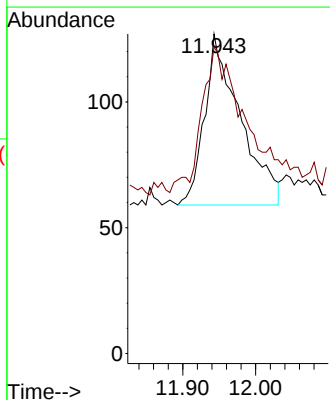
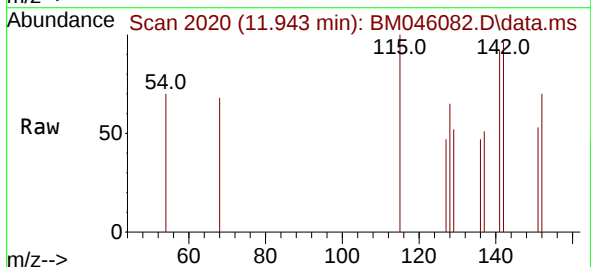
Manual Integrations
APPROVED

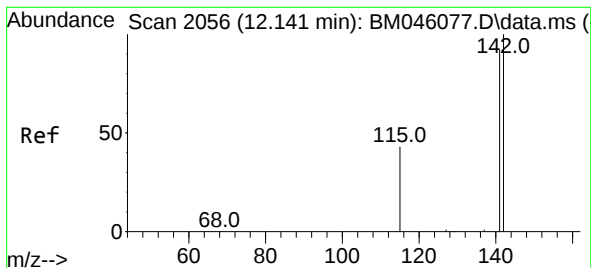
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 11.943 min Scan# 2020
Delta R.T. -0.004 min
Lab File: BM046082.D
Acq: 19 Jun 2024 12:44

Tgt Ion:142 Resp: 231
Ion Ratio Lower Upper
142 100
141 113.0 74.6 111.8#





#8

1-Methylnaphthalene

Concen: 0.021 ng/u1

RT: 12.152 min Scan# 2058

Delta R.T. 0.001 min

Lab File: BM046082.D

Acq: 19 Jun 2024 12:44

Instrument :

BNA_M

ClientSampleId :

A4B92DL

Tgt Ion:142 Resp: 258

Ion Ratio Lower Upper

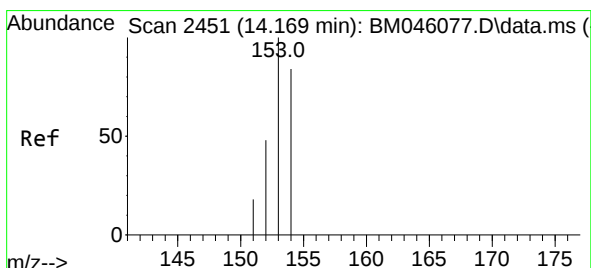
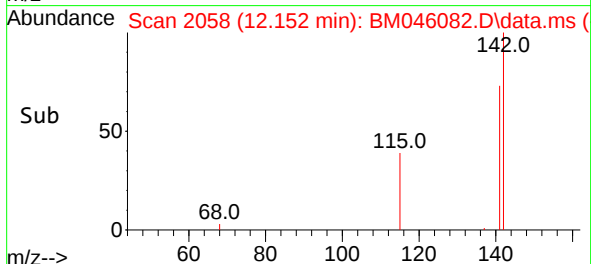
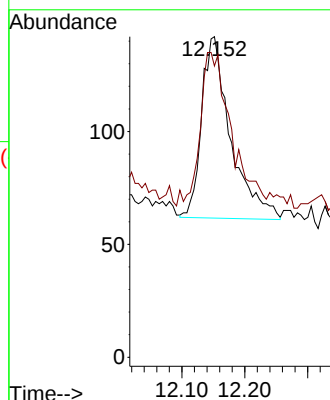
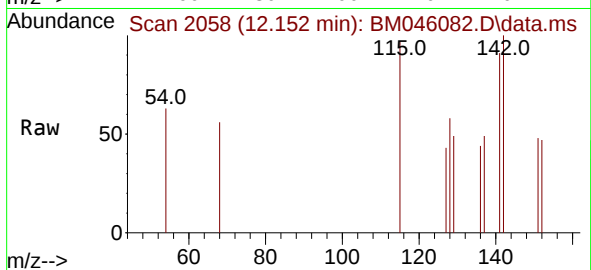
142 100

141 89.5 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#11

Acenaphthene

Concen: 0.054 ng/u1

RT: 14.150 min Scan# 2447

Delta R.T. -0.022 min

Lab File: BM046082.D

Acq: 19 Jun 2024 12:44

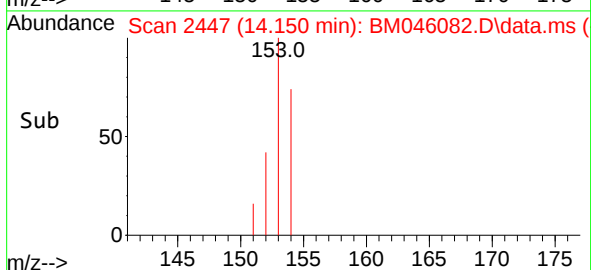
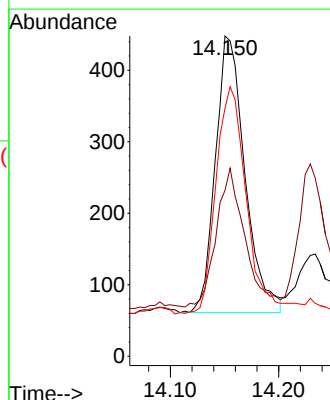
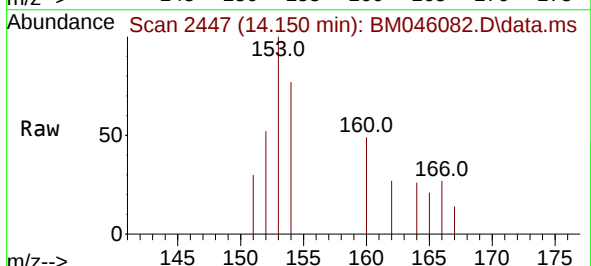
Tgt Ion:153 Resp: 732

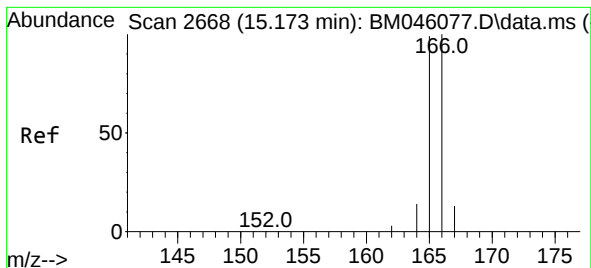
Ion Ratio Lower Upper

153 100

152 51.8 41.3 61.9

154 77.5 68.2 102.4





#12

Fluorene

Concen: 0.062 ng/u1

RT: 15.150 min Scan# 20

Delta R.T. -0.031 min

Lab File: BM046082.D

Acq: 19 Jun 2024 12:44

Instrument :

BNA_M

ClientSampleId :

A4B92DL

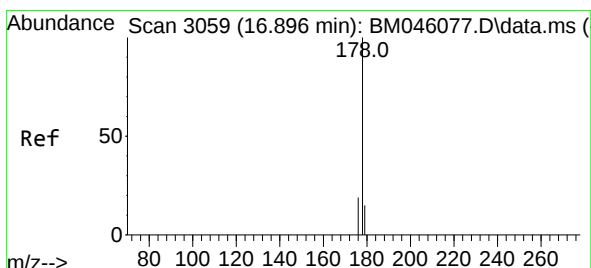
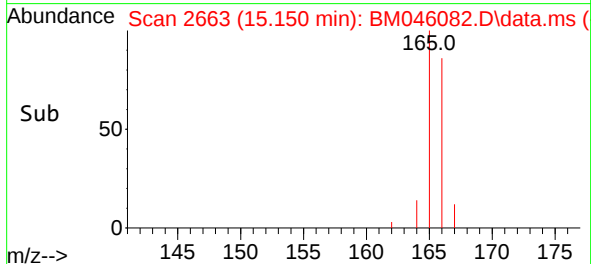
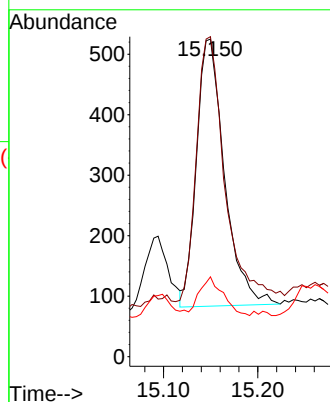
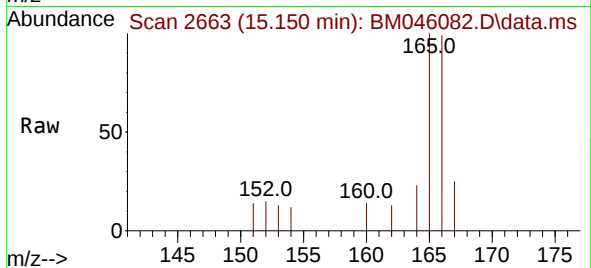
Tgt Ion:166 Resp: 910

Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.4	120.6
167	25.1	12.4	18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#15

Phenanthrene

Concen: 0.555 ng/u1

RT: 16.871 min Scan# 3053

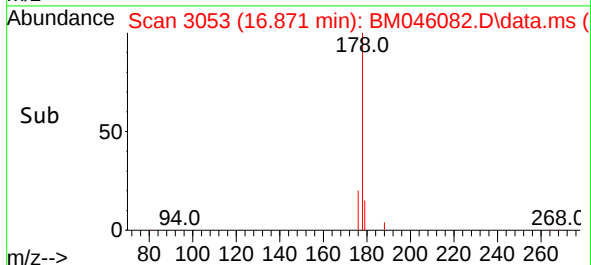
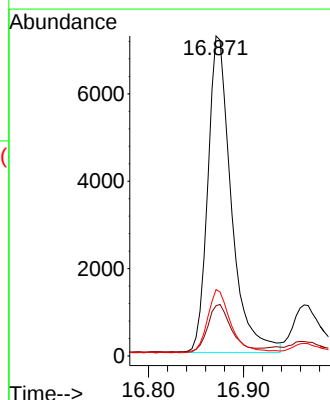
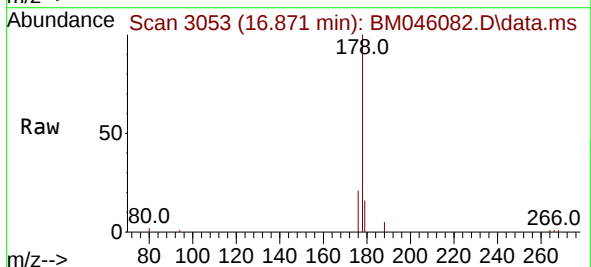
Delta R.T. -0.033 min

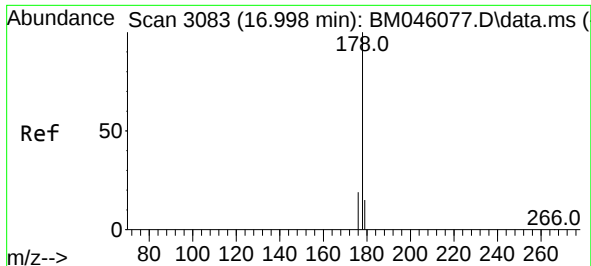
Lab File: BM046082.D

Acq: 19 Jun 2024 12:44

Tgt Ion:178 Resp: 12451

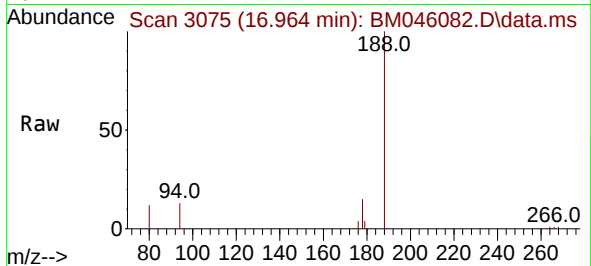
Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.2	21.2
176	20.7	17.1	25.7





#16
 Anthracene
 Concen: 0.125 ng/ul
 RT: 16.964 min Scan# 3083
 Delta R.T. -0.041 min
 Lab File: BM046082.D
 Acq: 19 Jun 2024 12:44

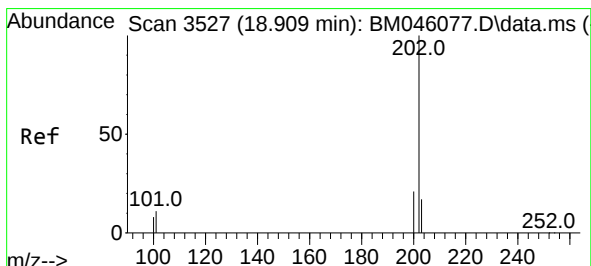
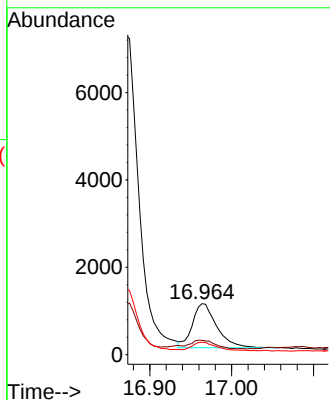
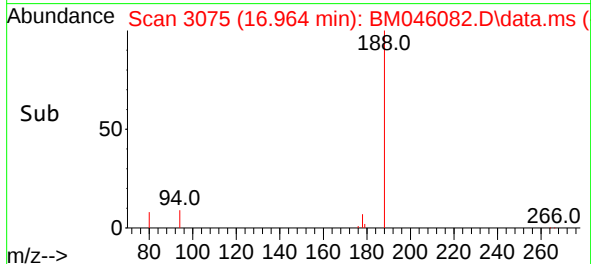
Instrument :
 BNA_M
 ClientSampleId :
 A4B92DL



Tgt Ion:178 Resp: 2090
 Ion Ratio Lower Upper
 178 100
 179 28.1 14.9 22.3
 176 24.5 17.0 25.4

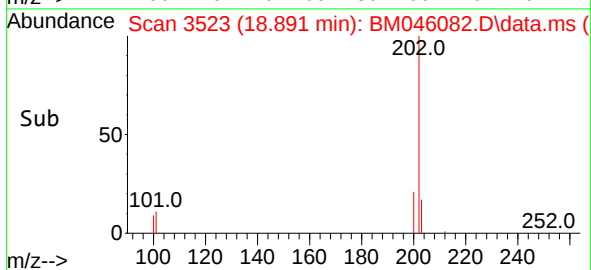
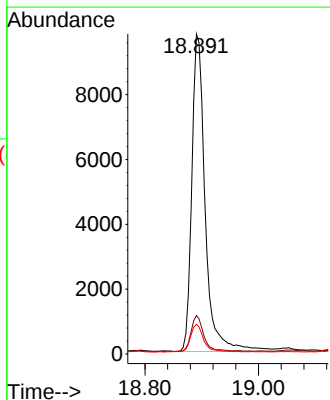
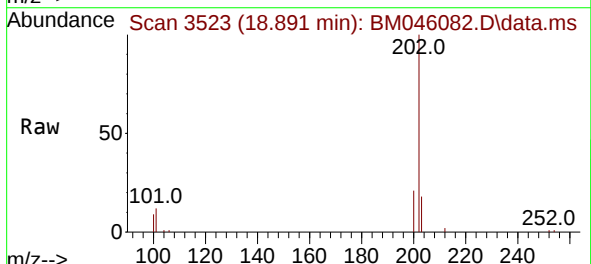
Manual Integrations
 APPROVED

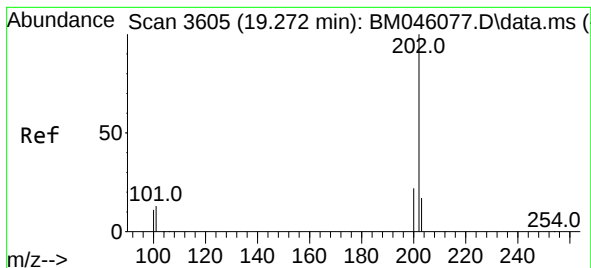
Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024



#19
 Fluoranthene
 Concen: 0.570 ng/ul
 RT: 18.891 min Scan# 3523
 Delta R.T. -0.027 min
 Lab File: BM046082.D
 Acq: 19 Jun 2024 12:44

Tgt Ion:202 Resp: 16109
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.6 14.4
 100 9.3 7.6 11.4





#20

Pyrene

Concen: 0.505 ng/u1

RT: 19.253 min Scan# 3

Delta R.T. -0.022 min

Lab File: BM046082.D

Acq: 19 Jun 2024 12:44

Instrument :

BNA_M

ClientSampleId :

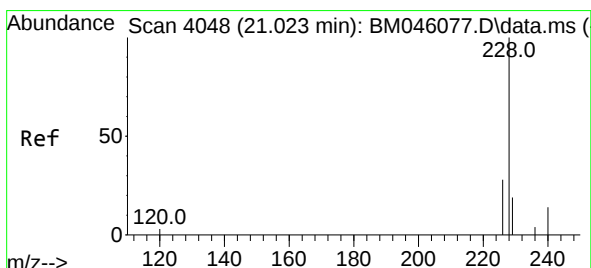
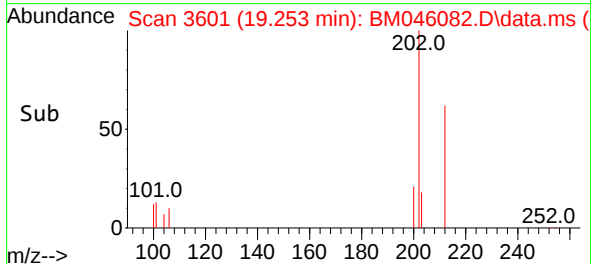
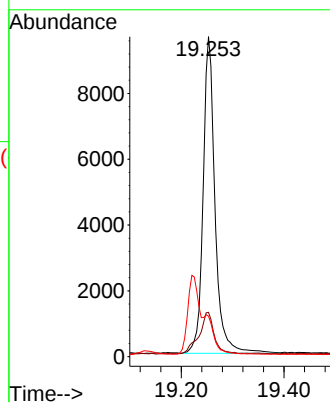
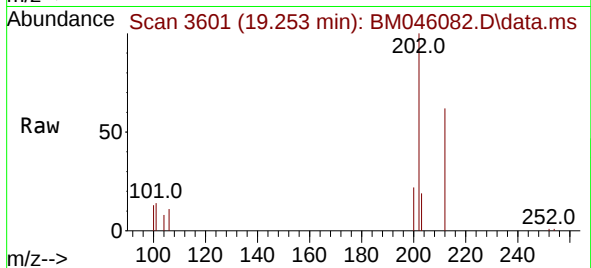
A4B92DL

Tgt Ion:	202	Resp:	1545
Ion Ratio	Lower	Upper	
202	100		
101	13.9	11.3	16.9
100	12.7	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#21

Benzo(a)anthracene

Concen: 0.256 ng/u1

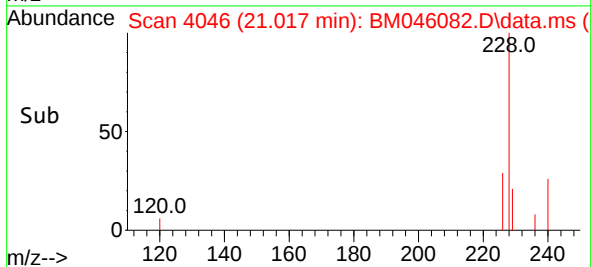
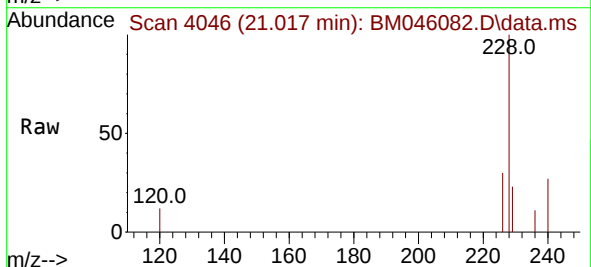
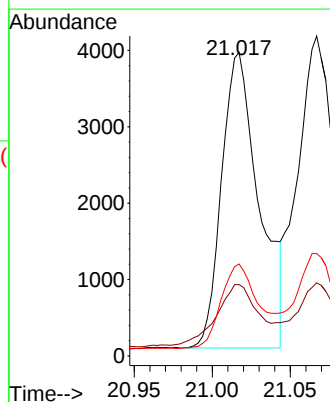
RT: 21.017 min Scan# 4046

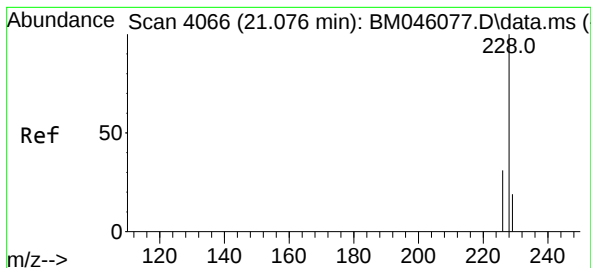
Delta R.T. -0.012 min

Lab File: BM046082.D

Acq: 19 Jun 2024 12:44

Tgt Ion:	228	Resp:	6464
Ion Ratio	Lower	Upper	
228	100		
229	23.5	16.4	24.6
226	30.3	23.4	35.2





#22

Chrysene

Concen: 0.219 ng/ul

RT: 21.067 min Scan# 4063

Delta R.T. -0.009 min

Lab File: BM046082.D

Acq: 19 Jun 2024 12:44

Instrument :

BNA_M

ClientSampleId :

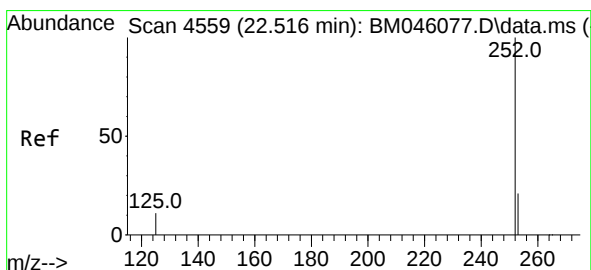
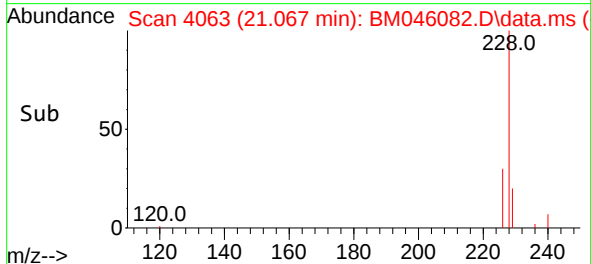
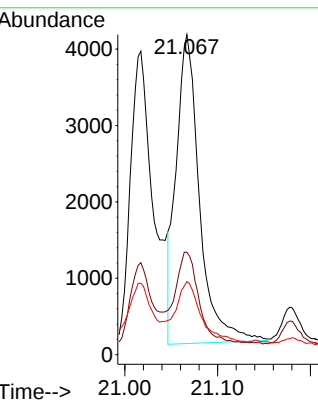
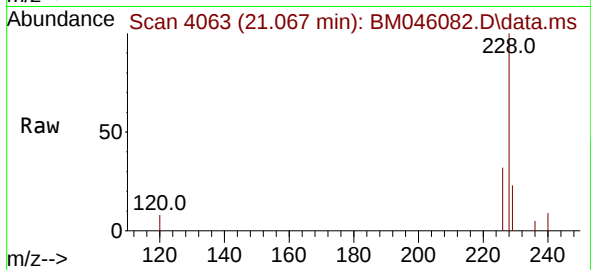
A4B92DL

Tgt Ion:	228	Resp:	7062
Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.2	37.8
229	22.9	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#24

Benzo(b)fluoranthene

Concen: 0.330 ng/ul m

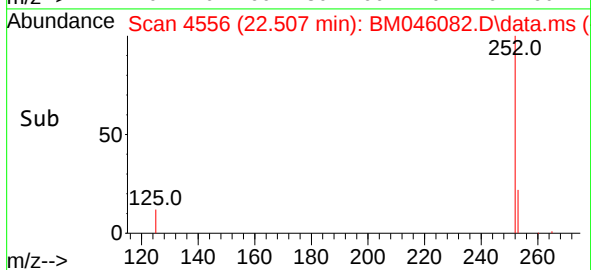
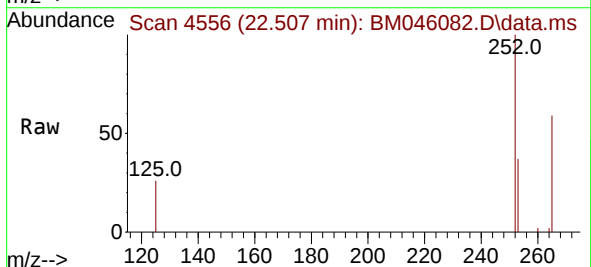
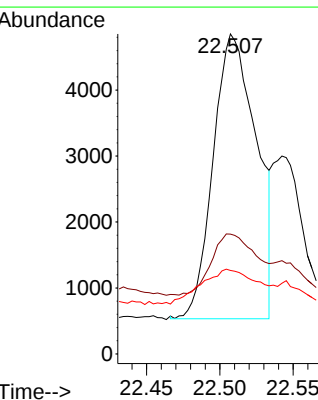
RT: 22.507 min Scan# 4556

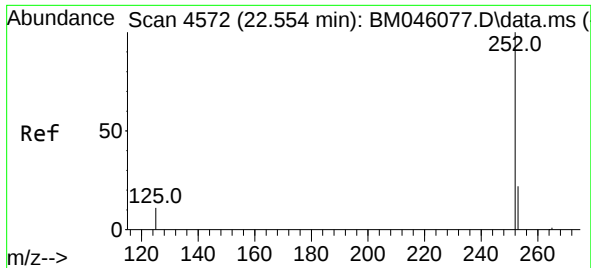
Delta R.T. -0.012 min

Lab File: BM046082.D

Acq: 19 Jun 2024 12:44

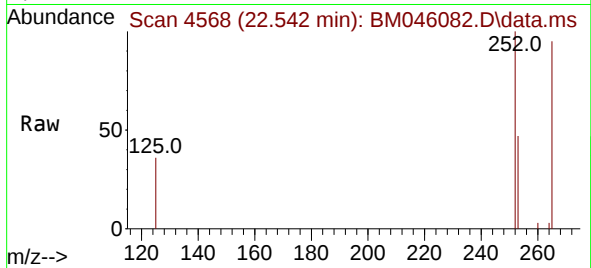
Tgt Ion:	252	Resp:	8857
Ion	Ratio	Lower	Upper
252	100		
253	37.4	0.0	65.8
125	26.1	0.0	40.2





#25
Benzo(k)fluoranthene
Concen: 0.132 ng/ul m
RT: 22.542 min Scan# 4568
Delta R.T. -0.021 min
Lab File: BM046082.D
Acq: 19 Jun 2024 12:44

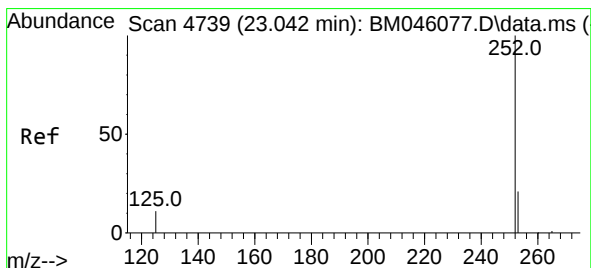
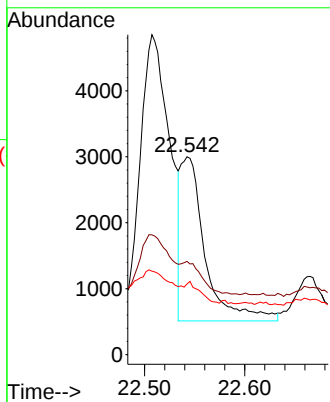
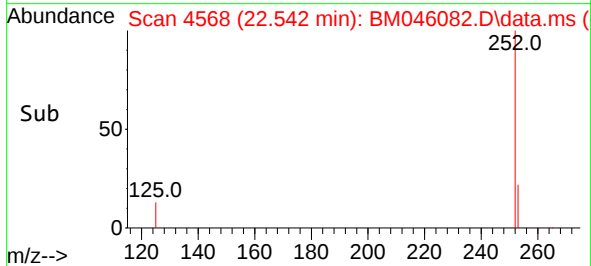
Instrument :
BNA_M
ClientSampleId :
A4B92DL



Tgt Ion:252 Resp: 4204
Ion Ratio Lower Upper
252 100
253 47.1 27.2 40.8
125 35.8 16.6 25.0

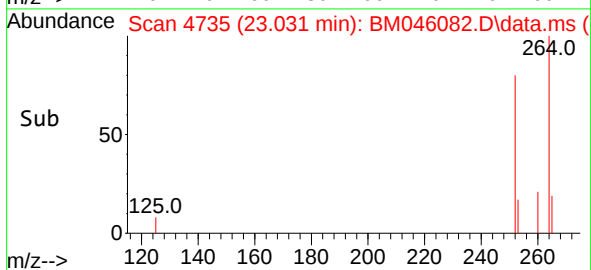
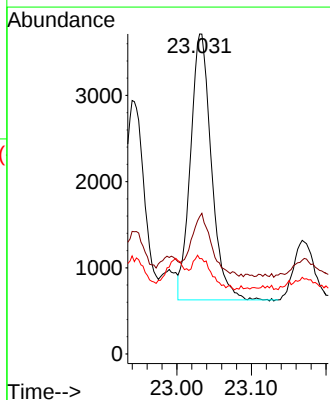
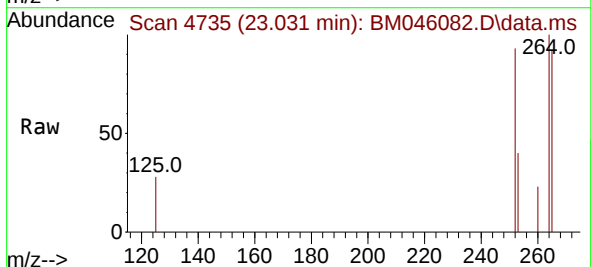
Manual Integrations
APPROVED

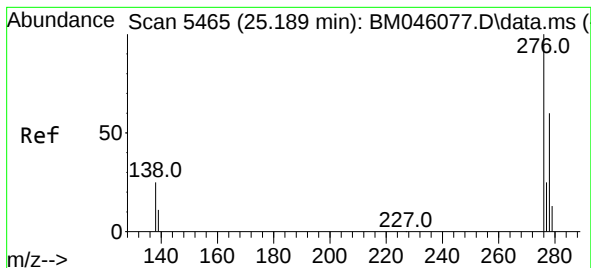
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#26
Benzo(a)pyrene
Concen: 0.241 ng/ul
RT: 23.031 min Scan# 4735
Delta R.T. -0.024 min
Lab File: BM046082.D
Acq: 19 Jun 2024 12:44

Tgt Ion:252 Resp: 6004
Ion Ratio Lower Upper
252 100
253 42.9 32.1 48.1
125 29.8 21.2 31.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.109 ng/ul

RT: 25.188 min Scan# 5465

Delta R.T. -0.014 min

Lab File: BM046082.D

Acq: 19 Jun 2024 12:44

Instrument :

BNA_M

ClientSampleId :

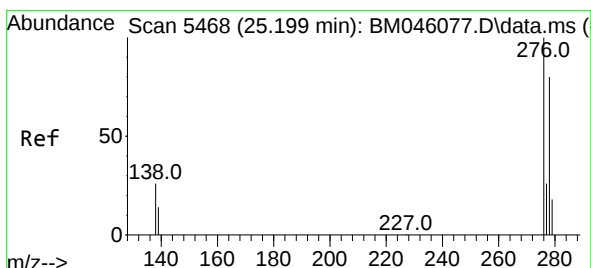
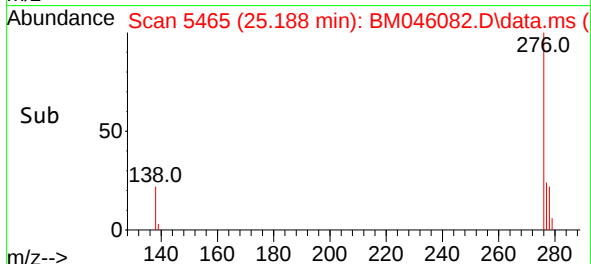
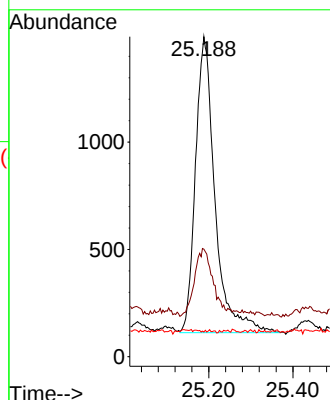
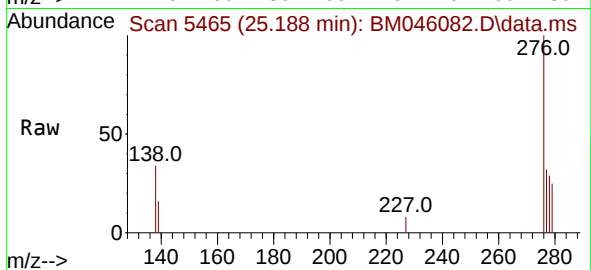
A4B92DL

Tgt Ion:	276	Resp:	4430
Ion Ratio	Lower	Upper	
276	100		
138	22.7	21.0	31.4
227	0.3	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.036 ng/ul

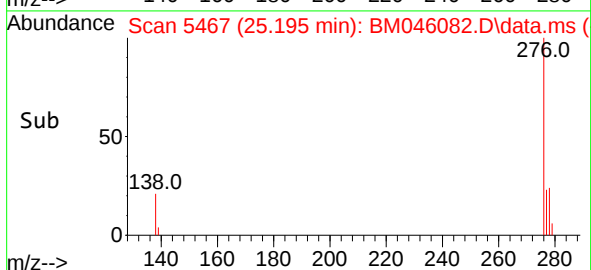
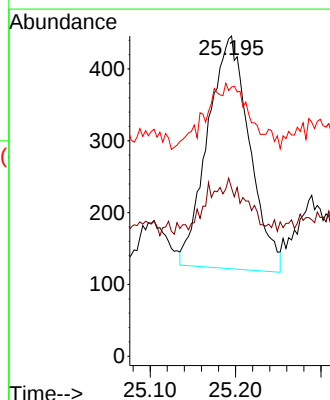
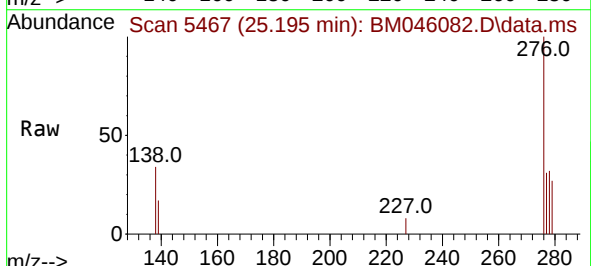
RT: 25.195 min Scan# 5467

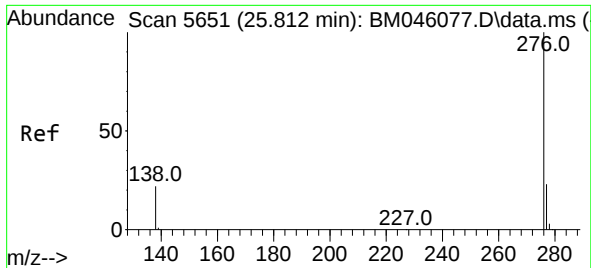
Delta R.T. -0.021 min

Lab File: BM046082.D

Acq: 19 Jun 2024 12:44

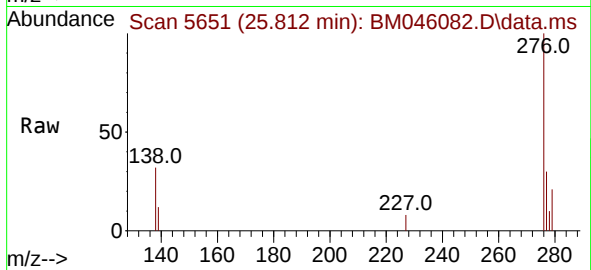
Tgt Ion:	278	Resp:	1104
Ion Ratio	Lower	Upper	
278	100		
139	52.5	17.6	26.4#
279	84.1	26.3	39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.129 ng/ul
RT: 25.812 min Scan# 50
Delta R.T. -0.017 min
Lab File: BM046082.D
Acq: 19 Jun 2024 12:44

Instrument :
BNA_M
ClientSampleId :
A4B92DL



Tgt Ion: 276 Resp: 452
Ion Ratio Lower Upper
276 100
138 32.3 21.7 32.5
277 29.9 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

