

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046914.D
 Acq On : 30 Jul 2024 10:25
 Operator : MA/JU
 Sample : P3336-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E10

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 30 10:57:43 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 : Tue Jul 30 04:18:24 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	2331	0.400	ng/ul	0.00
4) Naphthalene-d8	10.205	136	14086	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.099	164	4736	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	9894m	0.400	ng/ul	0.00
17) Chrysene-d12	21.073	240	5701	0.400	ng/ul	0.00
23) Perylene-d12	23.197	264	5325m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	5069	3.106	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.811	152	4418	0.197	ng/ul	0.00
18) Fluoranthene-d10	18.900	212	5045	0.272	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.255	128	34913	0.980	ng/ul	96
7) 2-Methylnaphthalene	11.882	142	6302	0.257	ng/ul	100
8) 1-Methylnaphthalene	12.108	142	3142	0.124	ng/ul	100
10) Acenaphthylene	13.813	152	505	0.023	ng/ul#	58
11) Acenaphthene	14.160	153	3933	0.267	ng/ul	98
12) Fluorene	15.159	166	5026	0.273	ng/ul	99
15) Phenanthrene	16.896	178	24449	0.860	ng/ul	98
16) Anthracene	16.989	178	2522	0.095	ng/ul#	92
19) Fluoranthene	18.928	202	14167	0.566	ng/ul	99
20) Pyrene	19.295	202	9302m	0.359	ng/ul	
21) Benzo(a)anthracene	21.058	228	2363	0.099	ng/ul	92
22) Chrysene	21.111	228	2230m	0.092	ng/ul	
24) Benzo(b)fluoranthene	22.569	252	1699m	0.073	ng/ul	
25) Benzo(k)fluoranthene	22.612	252	792m	0.034	ng/ul	
26) Benzo(a)pyrene	23.107	252	765	0.046	ng/ul#	21
27) Indeno(1,2,3-cd)pyrene	25.296	276	567	0.022	ng/ul#	90
29) Benzo(g,h,i)perylene	25.940	276	517	0.023	ng/ul#	7

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

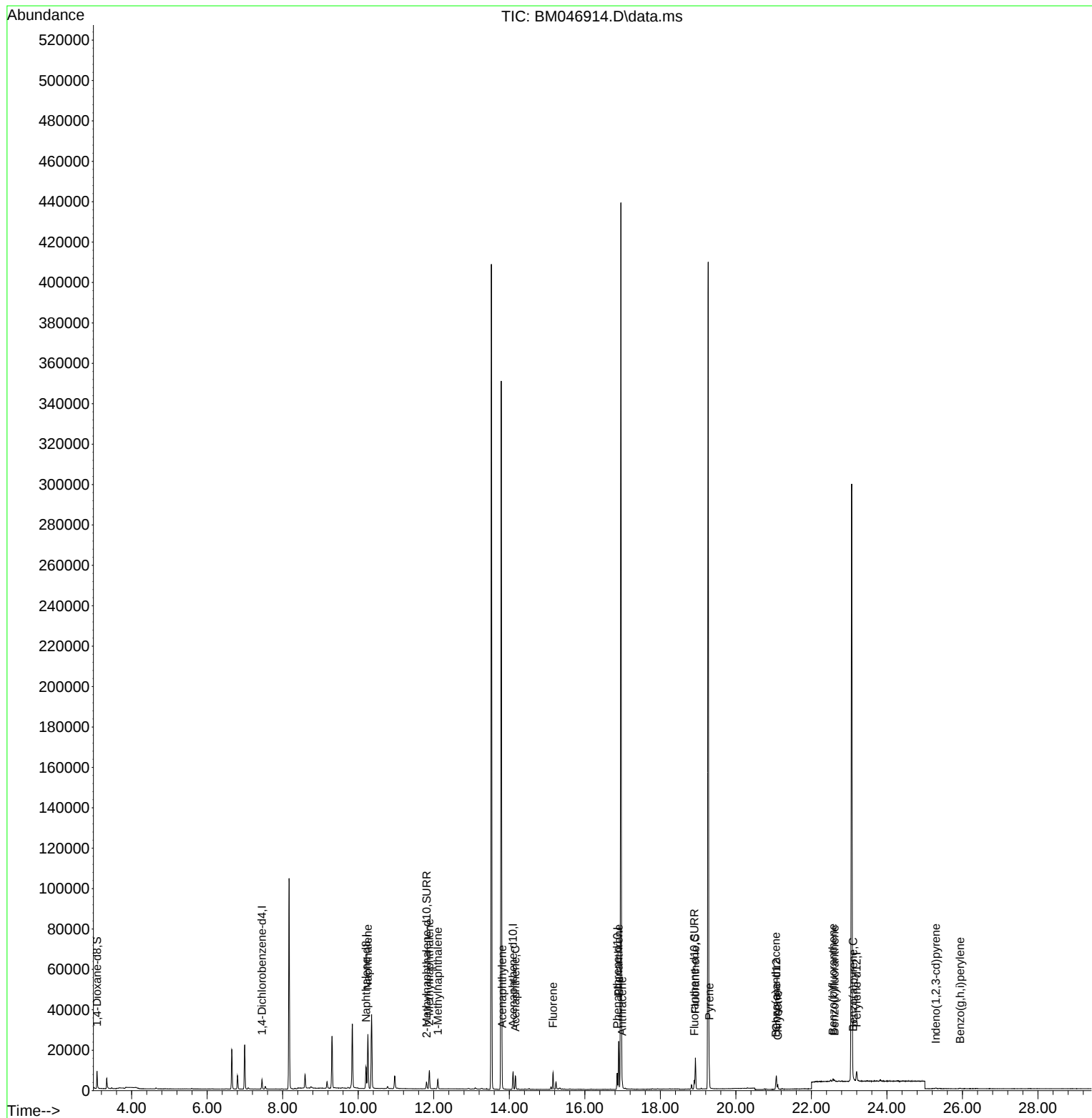
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046914.D
Acq On : 30 Jul 2024 10:25
Operator : MA/JU
Sample : P3336-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

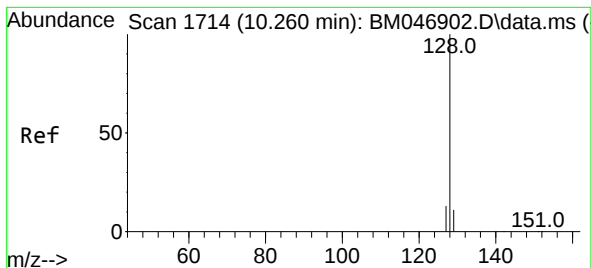
Instrument :
BNA_M
ClientSampleId :
F7E10

Quant Time: Jul 30 10:57:43 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 : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024





#5

Naphthalene

Concen: 0.980 ng/ul

RT: 10.255 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM046914.D

Acq: 30 Jul 2024 10:25

Instrument :

BNA_M

ClientSampleId :

F7E10

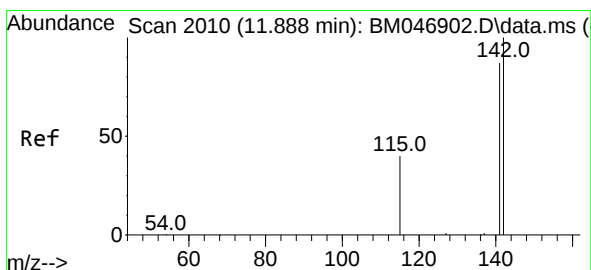
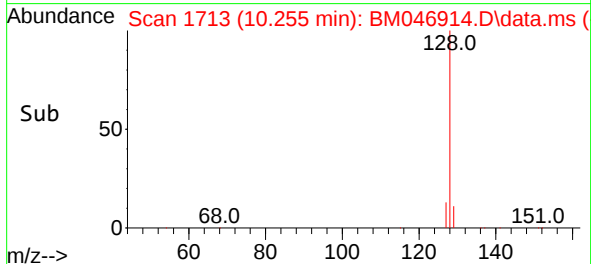
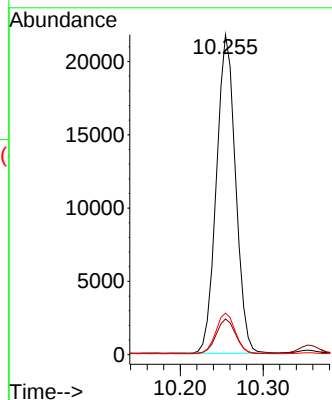
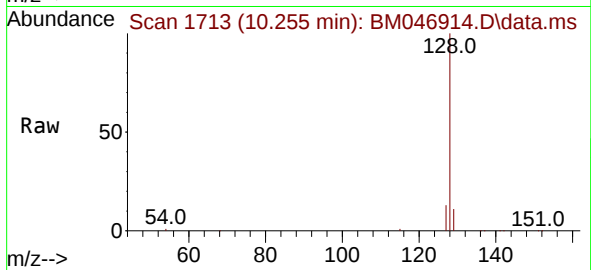
Tgt Ion:128	Resp:	3491
Ion Ratio	Lower	Upper
128	100	
129	11.1	10.1 15.1
127	13.0	11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/31/2024

Supervised By :mohammad ahmed 08/03/2024



#7

2-Methylnaphthalene

Concen: 0.257 ng/ul

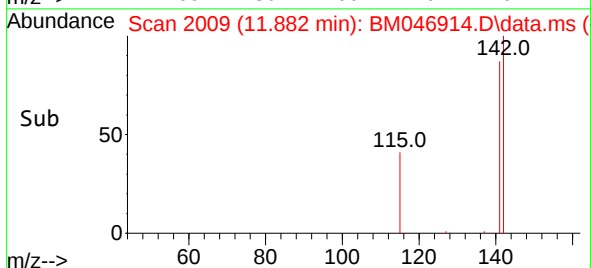
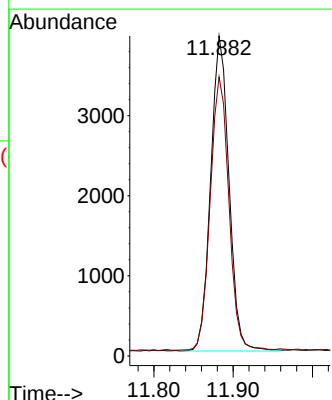
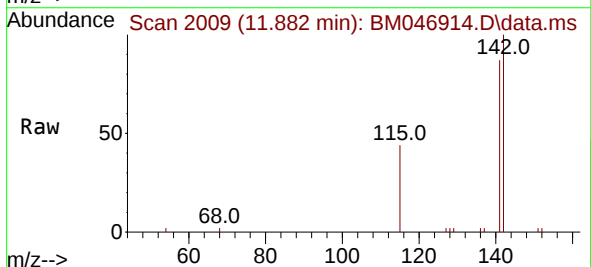
RT: 11.882 min Scan# 2009

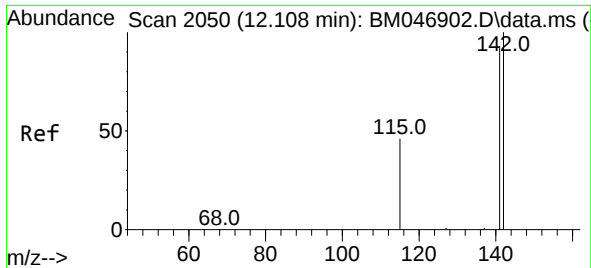
Delta R.T. -0.006 min

Lab File: BM046914.D

Acq: 30 Jul 2024 10:25

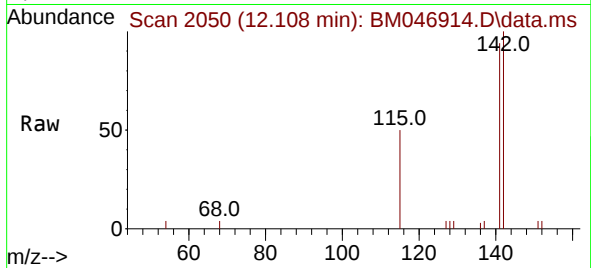
Tgt Ion:142	Resp:	6302
Ion Ratio	Lower	Upper
142	100	
141	88.1	70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.108 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25

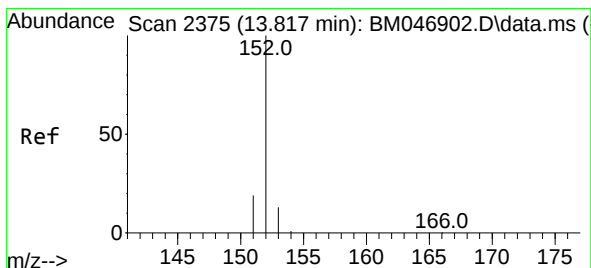
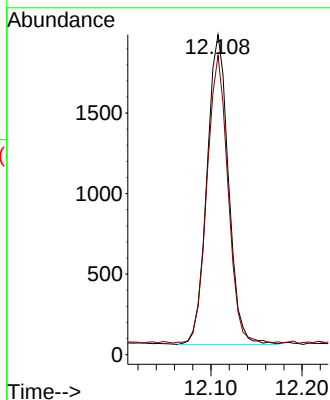
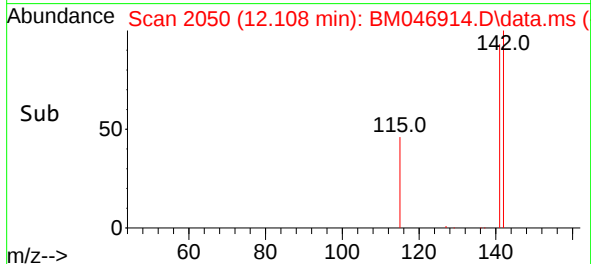
Instrument :
BNA_M
ClientSampleId :
F7E10



Tgt Ion:142 Resp: 314
Ion Ratio Lower Upper
142 100
141 91.1 73.1 109.7

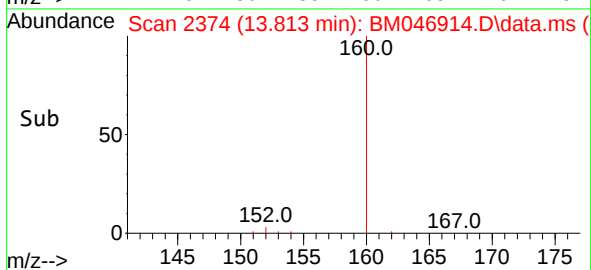
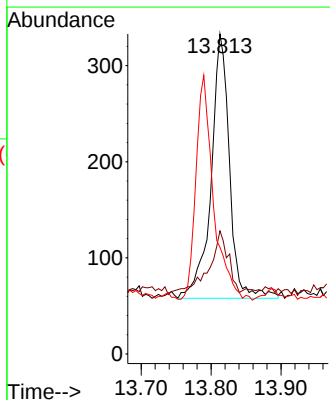
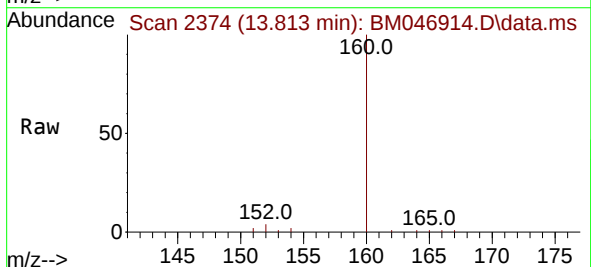
Manual Integrations
APPROVED

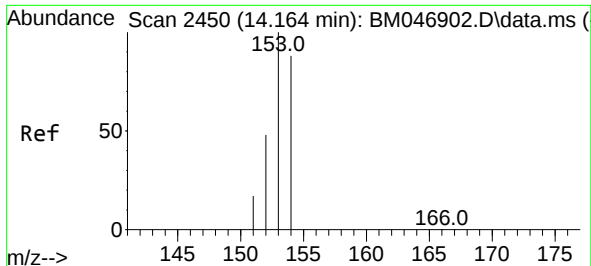
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 13.813 min Scan# 2374
Delta R.T. -0.005 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25

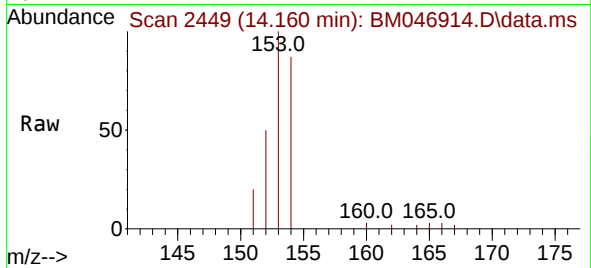
Tgt Ion:152 Resp: 505
Ion Ratio Lower Upper
152 100
151 38.4 16.8 25.2#
153 33.3 11.0 16.6#





#11
Acenaphthene
Concen: 0.267 ng/ul
RT: 14.160 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25

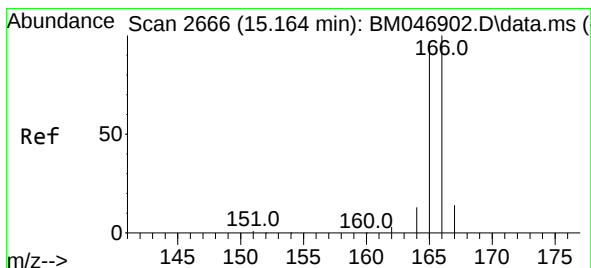
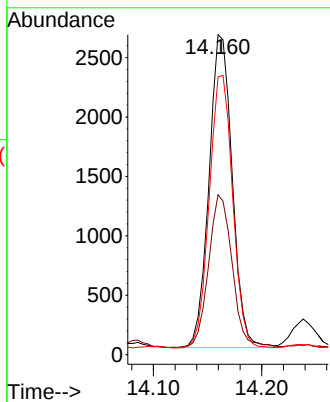
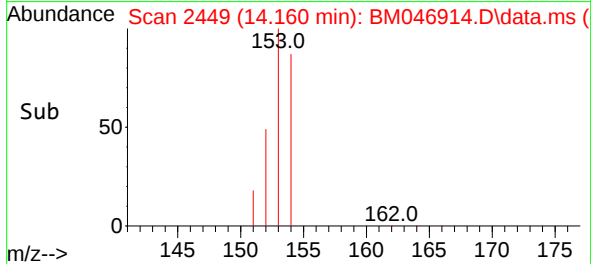
Instrument :
BNA_M
ClientSampleId :
F7E10



Tgt Ion:153 Resp: 393
Ion Ratio Lower Upper
153 100
152 50.0 38.6 57.8
154 86.8 70.8 106.2

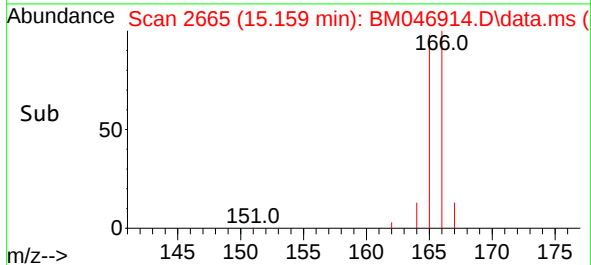
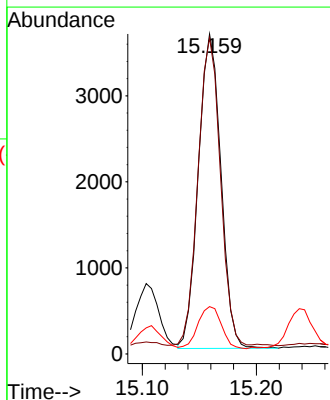
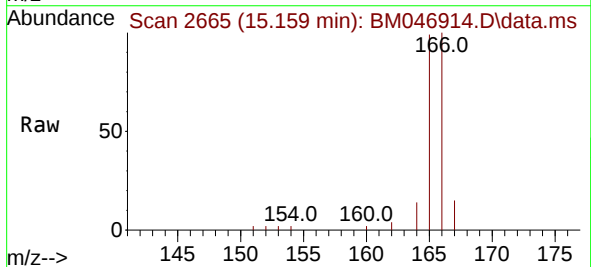
Manual Integrations
APPROVED

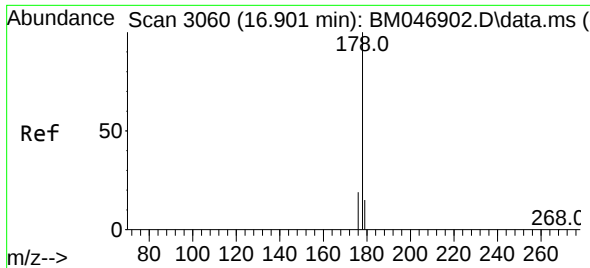
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 0.273 ng/ul
RT: 15.159 min Scan# 2665
Delta R.T. -0.005 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25

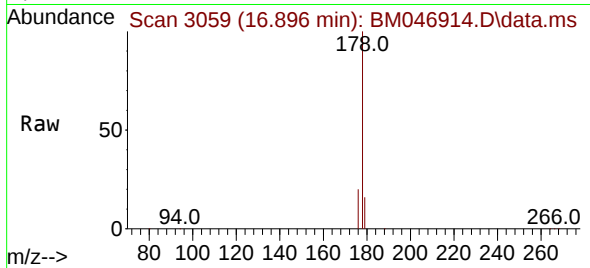
Tgt Ion:166 Resp: 5026
Ion Ratio Lower Upper
166 100
165 98.8 79.8 119.6
167 14.8 12.3 18.5





#15
Phenanthrene
Concen: 0.860 ng/u1
RT: 16.896 min Scan# 3059
Delta R.T. -0.004 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25

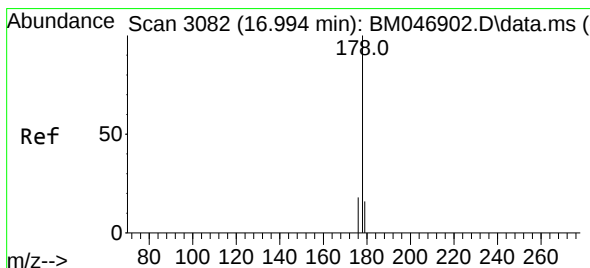
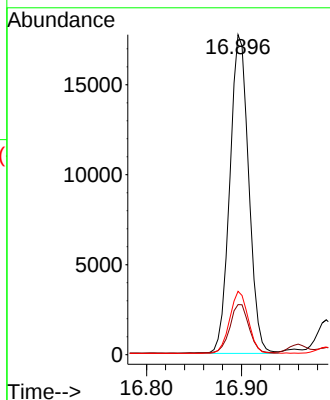
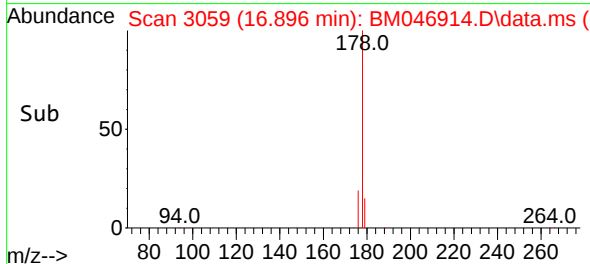
Instrument :
BNA_M
ClientSampleId :
F7E10



Tgt Ion:178 Resp: 24449
Ion Ratio Lower Upper
178 100
179 15.7 13.4 20.2
176 19.8 16.1 24.1

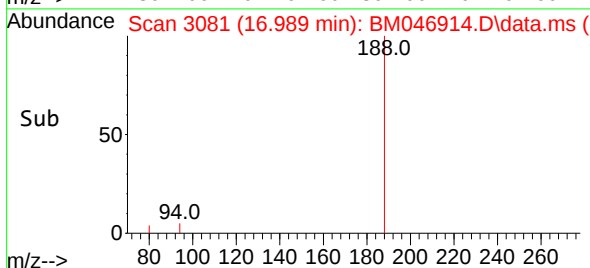
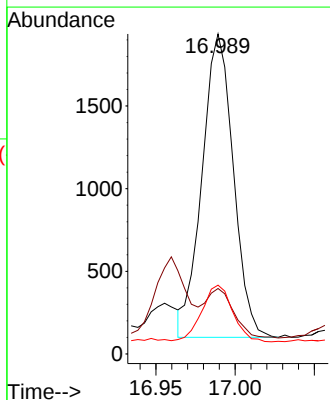
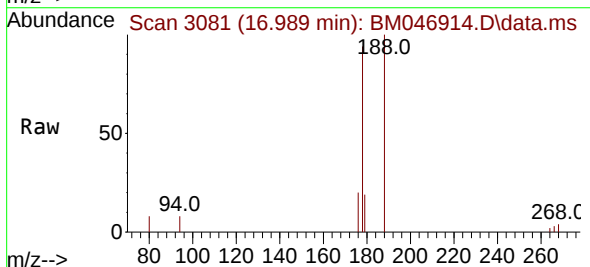
Manual Integrations
APPROVED

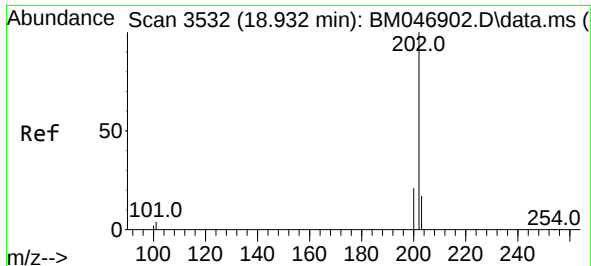
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 0.095 ng/u1
RT: 16.989 min Scan# 3081
Delta R.T. -0.004 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25

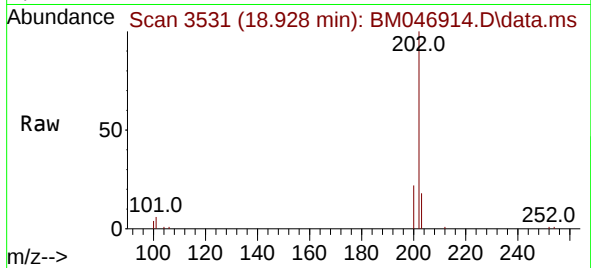
Tgt Ion:178 Resp: 2522
Ion Ratio Lower Upper
178 100
179 20.5 13.1 19.7#
176 21.5 15.0 22.6





#19
Fluoranthene
Concen: 0.566 ng/ul
RT: 18.928 min Scan# 3531
Delta R.T. -0.005 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25

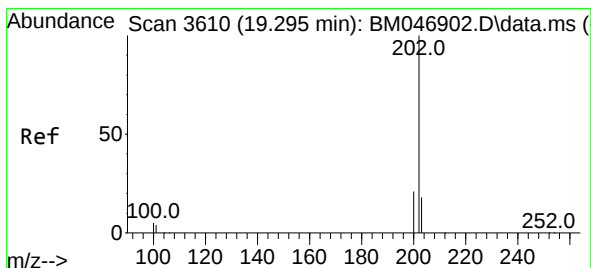
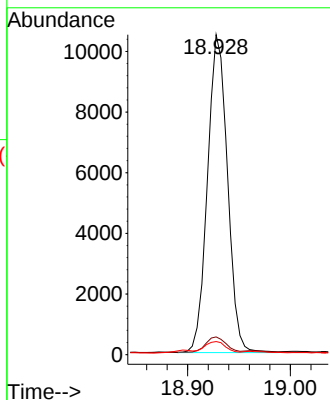
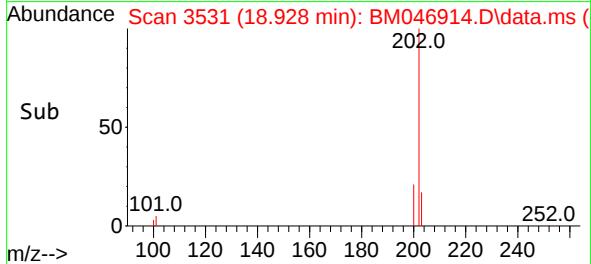
Instrument :
BNA_M
ClientSampleId :
F7E10



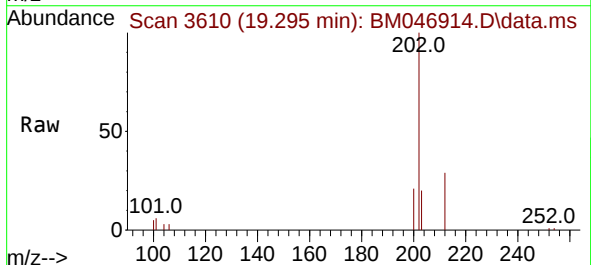
Tgt Ion:202 Resp: 1416
Ion Ratio Lower Upper
202 100
101 5.5 4.7 7.1
100 4.1 3.4 5.2

Manual Integrations
APPROVED

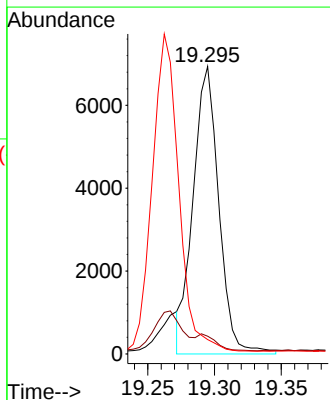
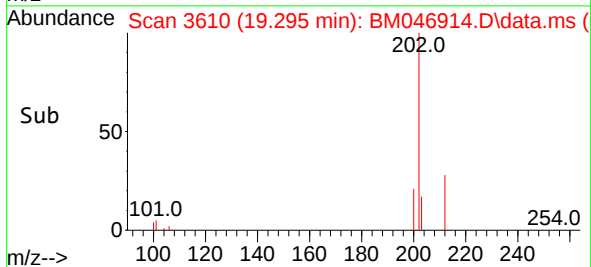
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

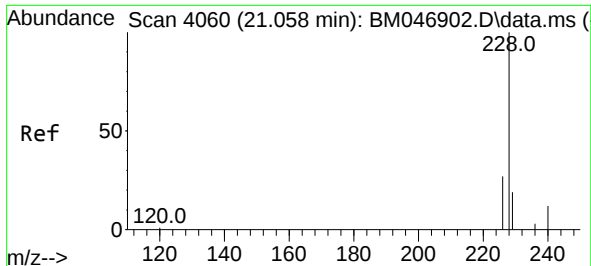


#20
Pyrene
Concen: 0.359 ng/ul m
RT: 19.295 min Scan# 3610
Delta R.T. -0.000 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25



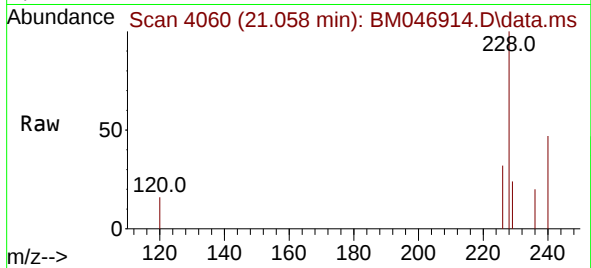
Tgt Ion:202 Resp: 9302
Ion Ratio Lower Upper
202 100
101 6.2 5.2 7.8
100 5.0 4.3 6.5





#21
Benzo(a)anthracene
Concen: 0.099 ng/ul
RT: 21.058 min Scan# 4060
Delta R.T. -0.000 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25

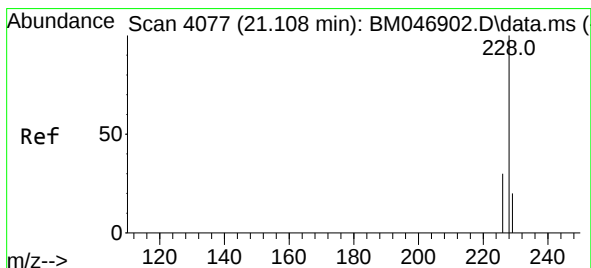
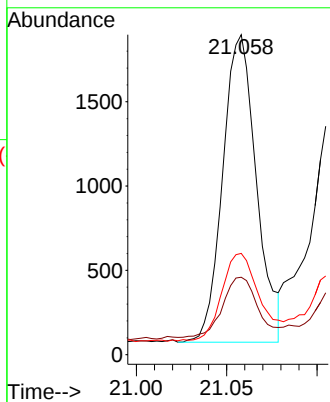
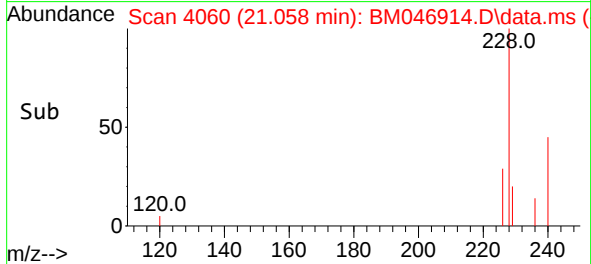
Instrument :
BNA_M
ClientSampleId :
F7E10



Tgt Ion:228 Resp: 236
Ion Ratio Lower Upper
228 100
229 24.2 16.3 24.5
226 31.7 22.3 33.5

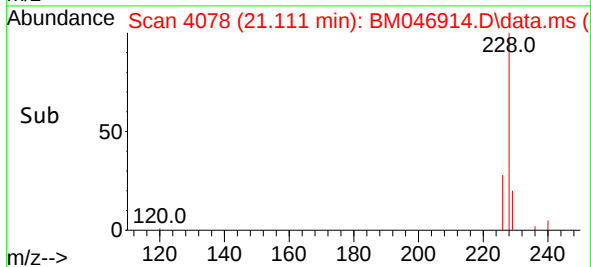
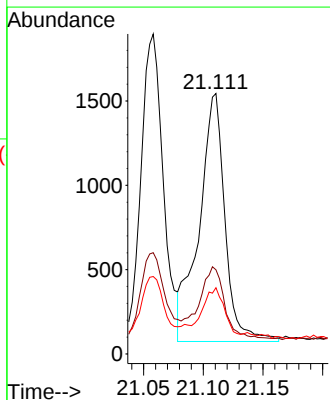
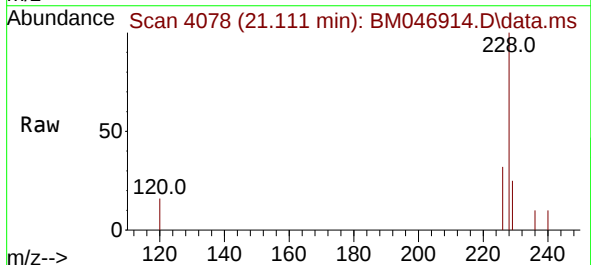
Manual Integrations
APPROVED

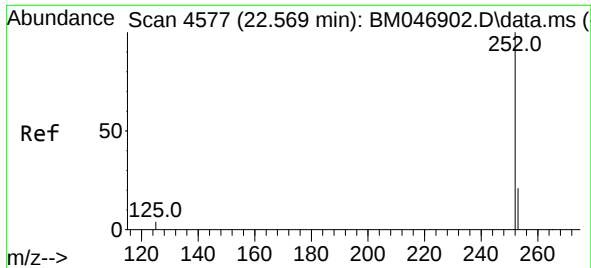
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 0.092 ng/ul m
RT: 21.111 min Scan# 4078
Delta R.T. 0.003 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25

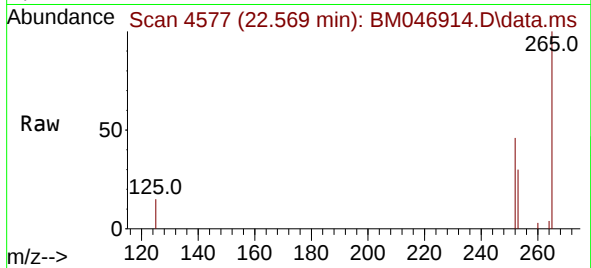
Tgt Ion:228 Resp: 2230
Ion Ratio Lower Upper
228 100
226 32.3 24.5 36.7
229 25.4 16.2 24.2#





#24
Benzo(b)fluoranthene
Concen: 0.073 ng/ul m
RT: 22.569 min Scan# 4577
Delta R.T. -0.000 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25

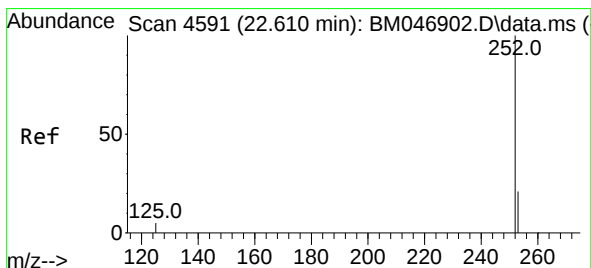
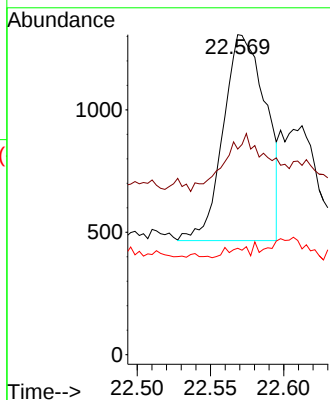
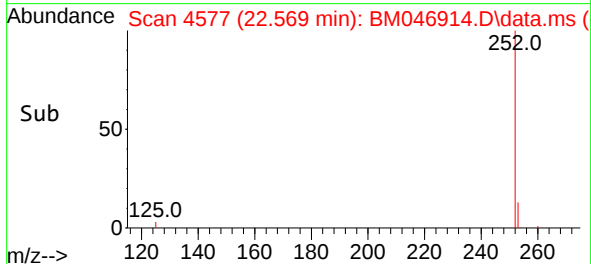
Instrument :
BNA_M
ClientSampleId :
F7E10



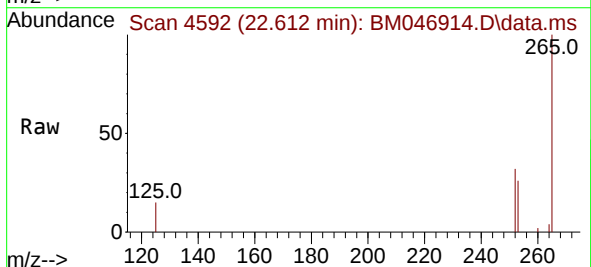
Tgt Ion:252 Resp: 1699
Ion Ratio Lower Upper
252 100
253 64.3 0.0 56.4#
125 33.3 0.0 15.8#

Manual Integrations
APPROVED

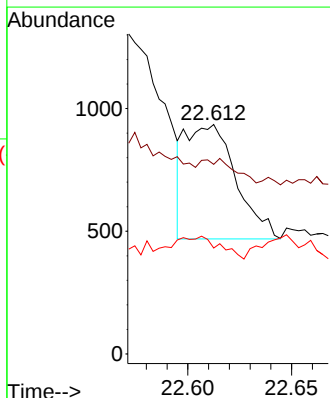
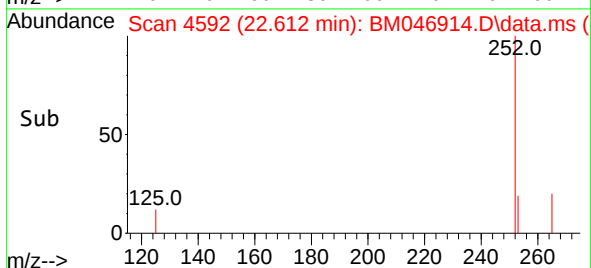
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

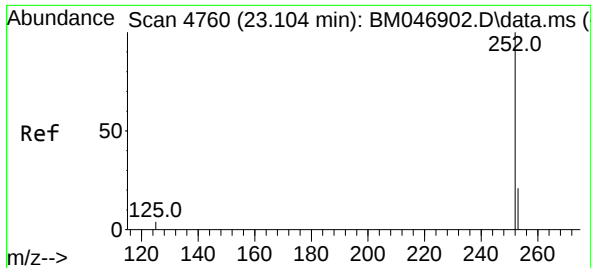


#25
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 22.612 min Scan# 4592
Delta R.T. 0.003 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25



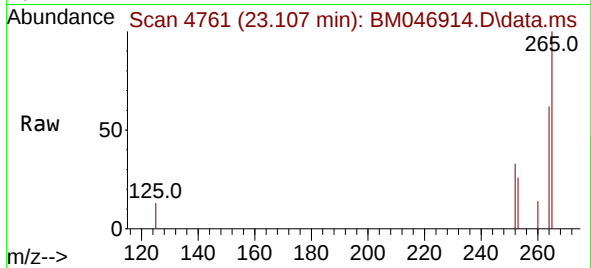
Tgt Ion:252 Resp: 792
Ion Ratio Lower Upper
252 100
253 82.7 23.5 35.3#
125 46.2 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.046 ng/u1
RT: 23.107 min Scan# 4761
Delta R.T. 0.003 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25

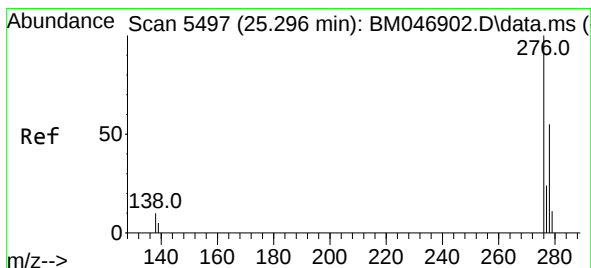
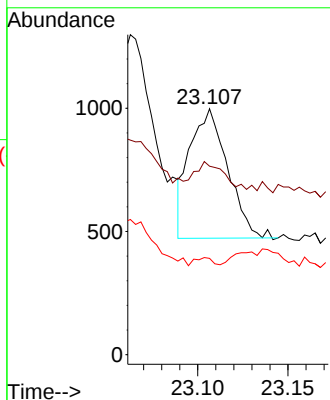
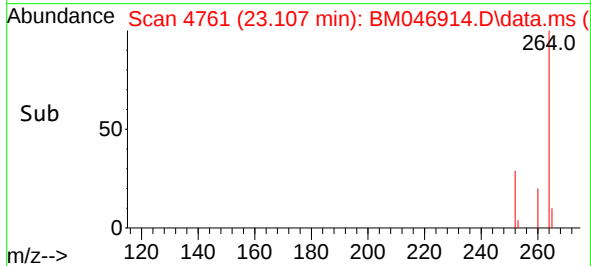
Instrument :
BNA_M
ClientSampleId :
F7E10



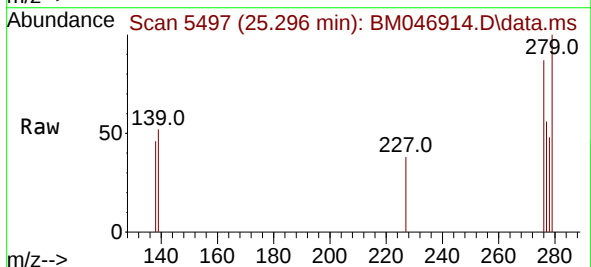
Tgt Ion:252 Resp: 76
Ion Ratio Lower Upper
252 100
253 76.7 26.0 39.0
125 39.2 7.8 11.8

Manual Integrations
APPROVED

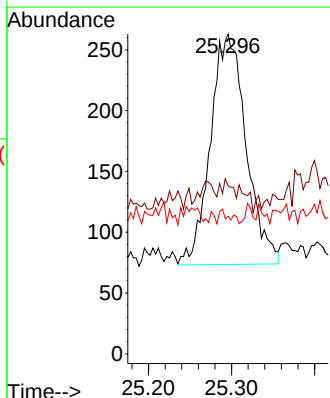
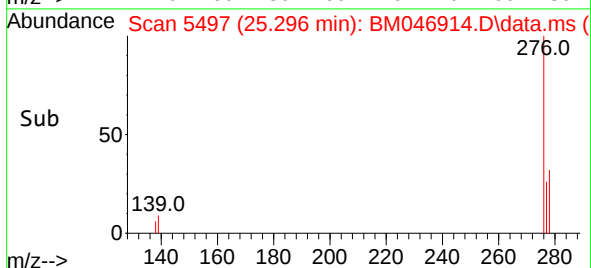
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

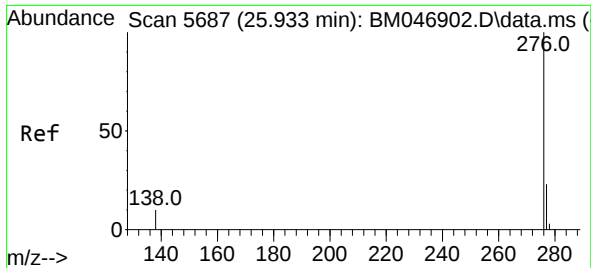


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/u1
RT: 25.296 min Scan# 5497
Delta R.T. -0.000 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25



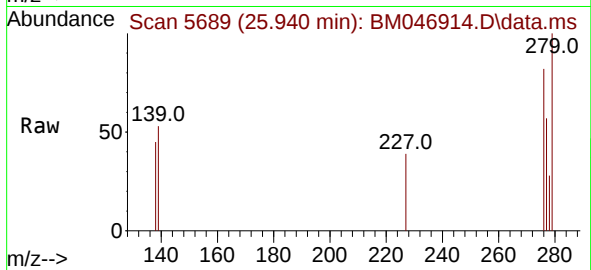
Tgt Ion:276 Resp: 567
Ion Ratio Lower Upper
276 100
138 8.3 9.7 14.5#
227 1.8 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 25.940 min Scan# 5689
Delta R.T. 0.007 min
Lab File: BM046914.D
Acq: 30 Jul 2024 10:25

Instrument :
BNA_M
ClientSampleId :
F7E10



Tgt Ion: 276 Resp: 51
Ion Ratio Lower Upper
276 100
138 55.3 9.5 14.3
277 69.3 20.9 31.3

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 07/31/2024
Supervised By : mohammad ahmed 08/03/2024

