

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045948.D
 Acq On : 10 Jun 2024 13:31
 Operator : MA/JU
 Sample : P2642-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B38

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 14:04:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	4470	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.232	136	14134	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	7186	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.846	188	14655m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.043	240	11436m	0.400	ng/ul	0.00
23) Perylene-d12	23.150	264	12500m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	14161	2.781	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.844	152	3315	0.163	ng/ul	0.00
18) Fluoranthene-d10	18.881	212	6596	0.193	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.276	128	1152	0.031	ng/ul#	77
10) Acenaphthylene	13.822	152	2443	0.075	ng/ul#	91
11) Acenaphthene	14.169	153	867	0.036	ng/ul	93
12) Fluorene	15.159	166	1092	0.041	ng/ul#	95
15) Phenanthrene	16.888	178	19675m	0.478	ng/ul	
16) Anthracene	16.981	178	4282m	0.122	ng/ul	
19) Fluoranthene	18.909	202	47331	1.038	ng/ul	98
20) Pyrene	19.272	202	41250	0.867	ng/ul	98
21) Benzo(a)anthracene	21.029	228	20263	0.483	ng/ul	95
22) Chrysene	21.081	228	24891	0.545	ng/ul	98
24) Benzo(b)fluoranthene	22.528	252	32759m	0.790	ng/ul	
25) Benzo(k)fluoranthene	22.566	252	14128m	0.310	ng/ul	
26) Benzo(a)pyrene	23.057	252	21614	0.524	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.212	276	17766	0.333	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.212	278	3946	0.093	ng/ul#	58
29) Benzo(g,h,i)perylene	25.842	276	17824	0.388	ng/ul	99

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

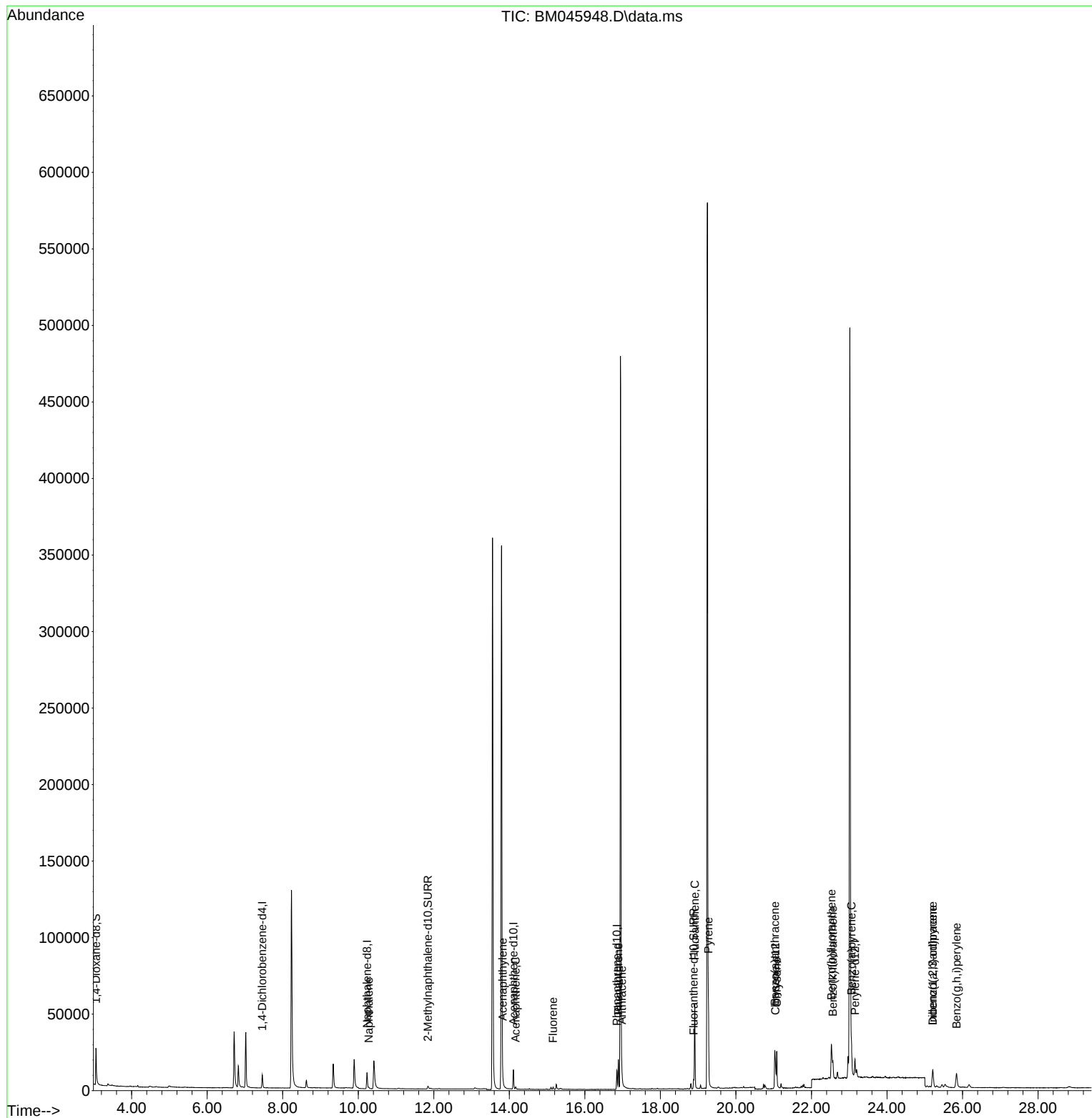
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045948.D
Acq On : 10 Jun 2024 13:31
Operator : MA/JU
Sample : P2642-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

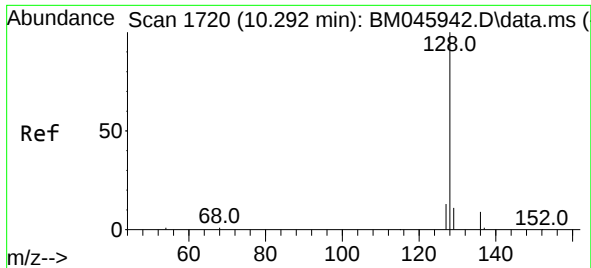
Instrument :
BNA_M
ClientSampleId :
A4B38

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

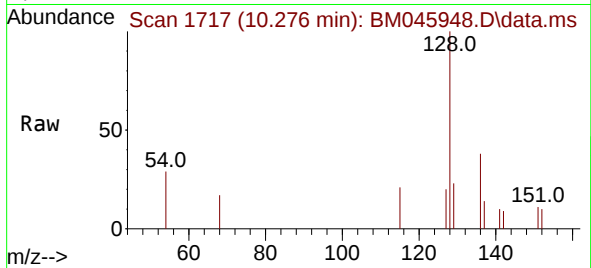
Quant Time: Jun 10 14:04:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.276 min Scan# 1717
Delta R.T. -0.026 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31

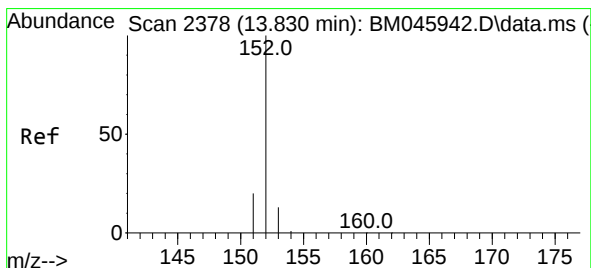
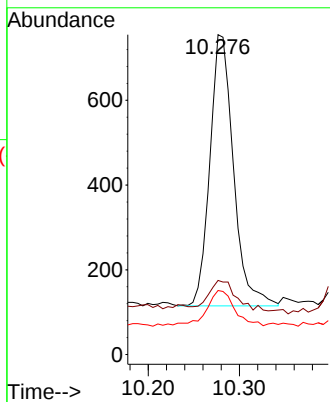
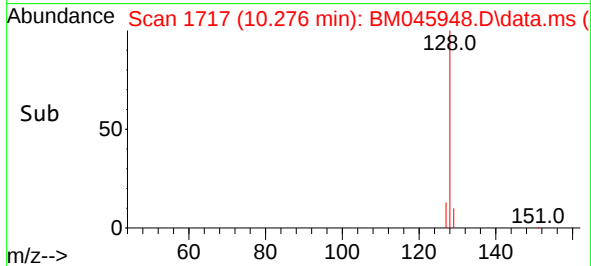
Instrument :
BNA_M
ClientSampleId :
A4B38



Tgt Ion:128 Resp: 1152
Ion Ratio Lower Upper
128 100
129 23.2 9.4 14.0
127 20.0 10.6 15.8

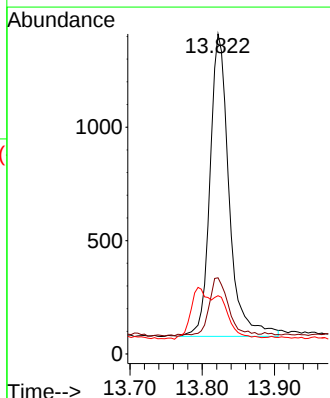
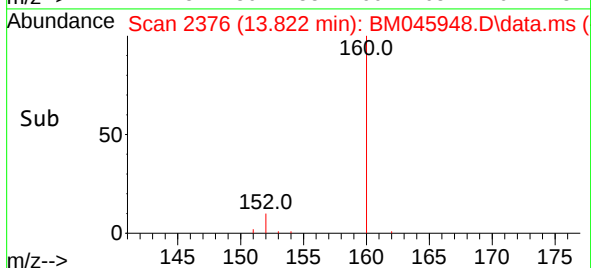
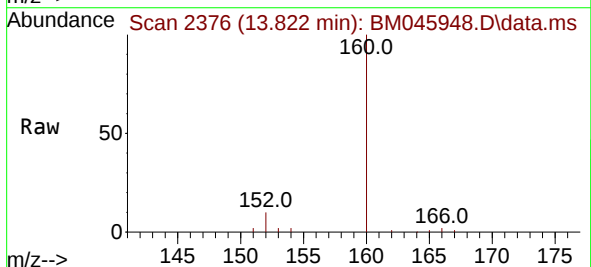
Manual Integrations
APPROVED

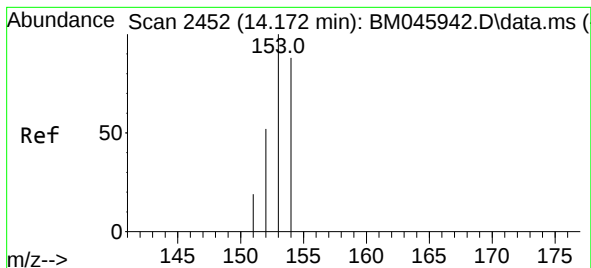
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 13.822 min Scan# 2376
Delta R.T. -0.017 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31

Tgt Ion:152 Resp: 2443
Ion Ratio Lower Upper
152 100
151 23.8 16.4 24.6
153 18.2 11.1 16.7





#11

Acenaphthene

Concen: 0.036 ng/uI

RT: 14.169 min Scan# 2451

Delta R.T. -0.013 min

Lab File: BM045948.D

Acq: 10 Jun 2024 13:31

Instrument :

BNA_M

ClientSampleId :

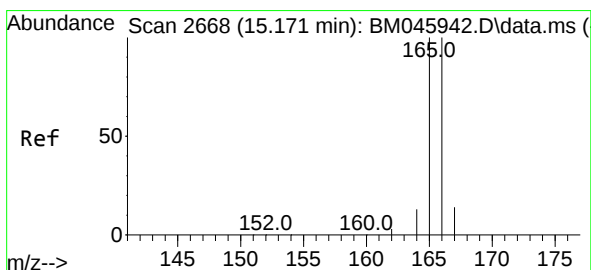
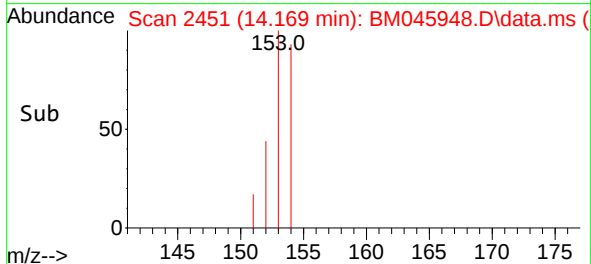
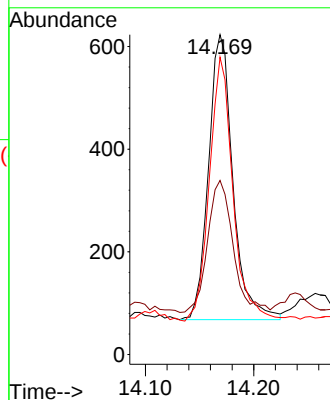
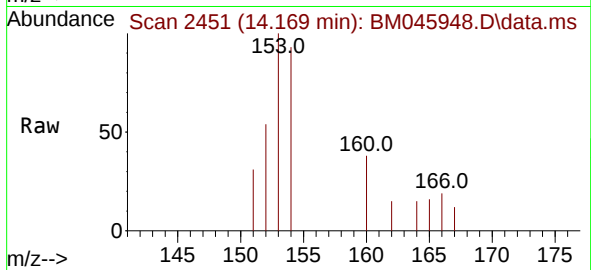
A4B38

Tgt Ion:	153	Resp:	86
Ion Ratio	Lower	Upper	
153	100		
152	54.4	39.0	58.4
154	92.9	69.4	104.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#12

Fluorene

Concen: 0.041 ng/uI

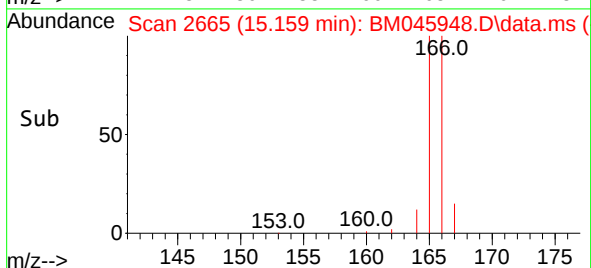
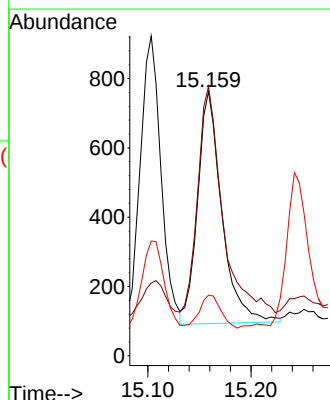
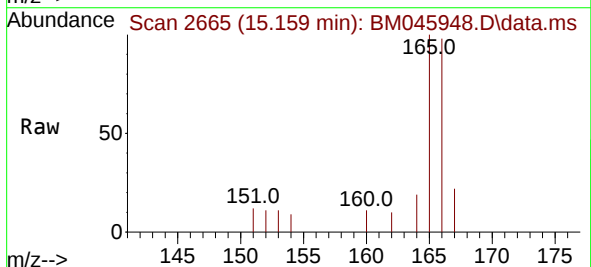
RT: 15.159 min Scan# 2665

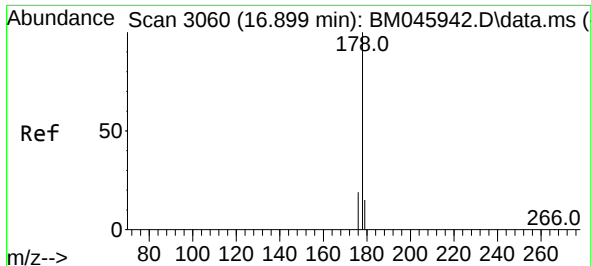
Delta R.T. -0.017 min

Lab File: BM045948.D

Acq: 10 Jun 2024 13:31

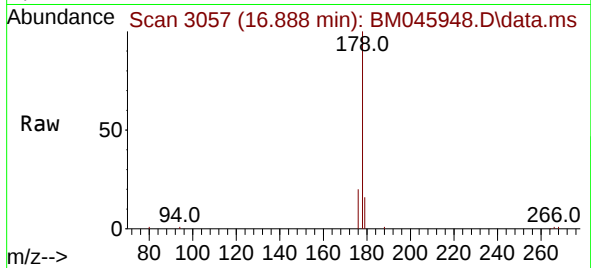
Tgt Ion:	166	Resp:	1092
Ion Ratio	Lower	Upper	
166	100		
165	102.0	79.7	119.5
167	22.9	11.3	16.9





#15
Phenanthrene
Concen: 0.478 ng/ul m
RT: 16.888 min Scan# 3057
Delta R.T. -0.016 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31

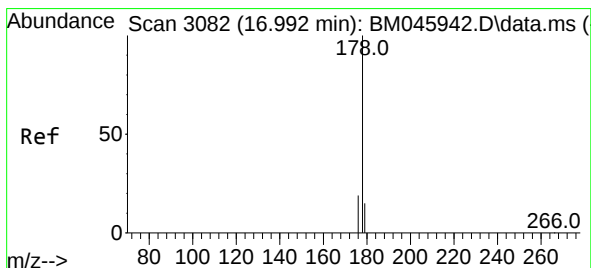
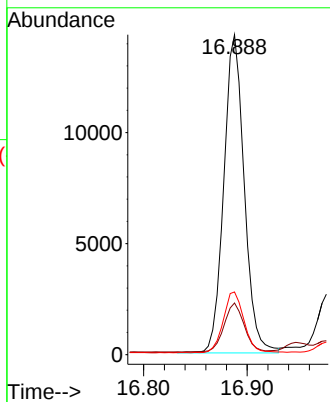
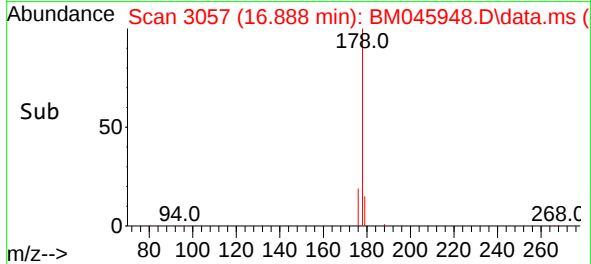
Instrument :
BNA_M
ClientSampleId :
A4B38



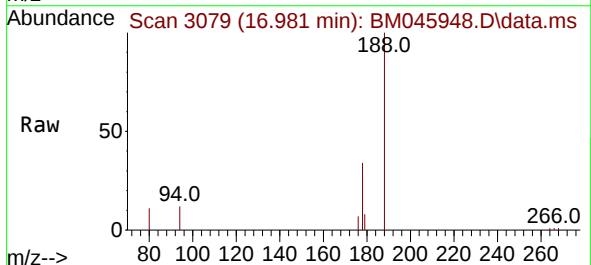
Tgt Ion:178 Resp: 1967
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.6 15.6 23.4

Manual Integrations
APPROVED

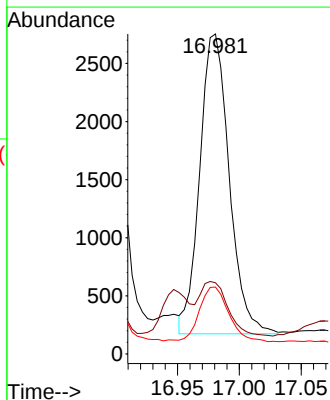
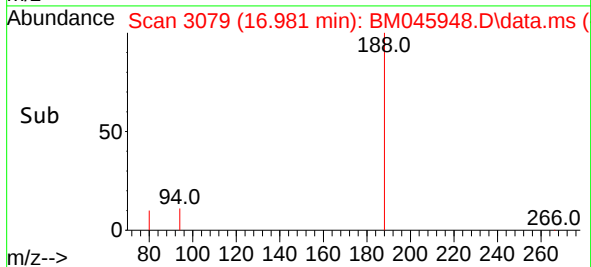
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

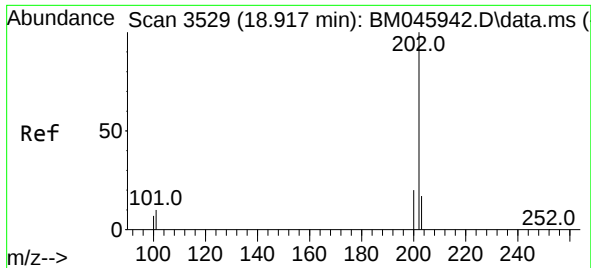


#16
Anthracene
Concen: 0.122 ng/ul m
RT: 16.981 min Scan# 3079
Delta R.T. -0.016 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31



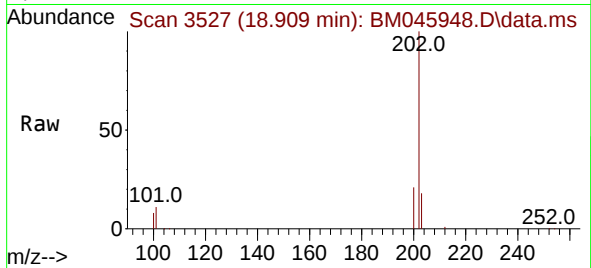
Tgt Ion:178 Resp: 4282
Ion Ratio Lower Upper
178 100
179 22.2 13.1 19.7#
176 20.9 15.5 23.3





#19
Fluoranthene
Concen: 1.038 ng/u1
RT: 18.909 min Scan# 3527
Delta R.T. -0.013 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31

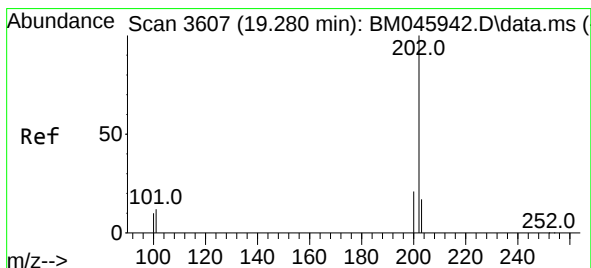
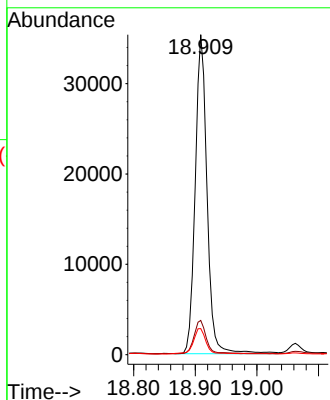
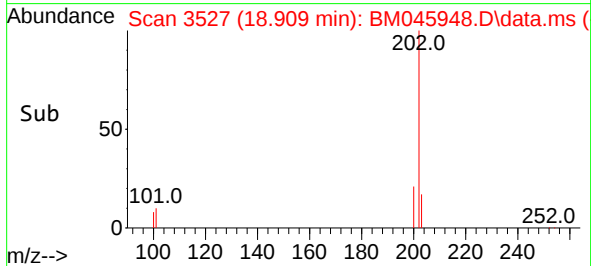
Instrument :
BNA_M
ClientSampleId :
A4B38



Tgt Ion:202 Resp: 4733
Ion Ratio Lower Upper
202 100
101 10.7 9.0 13.6
100 8.2 7.0 10.6

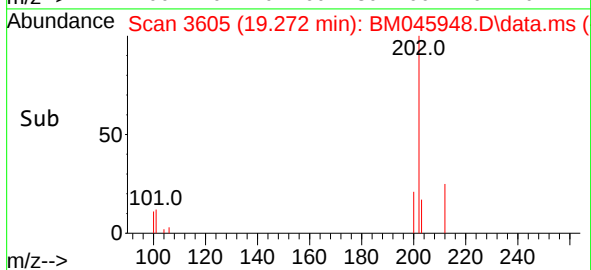
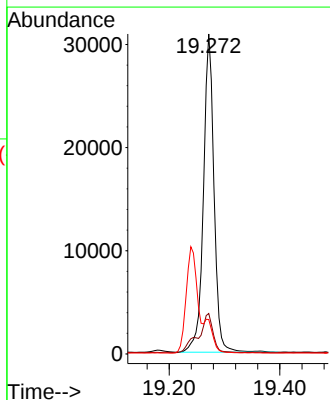
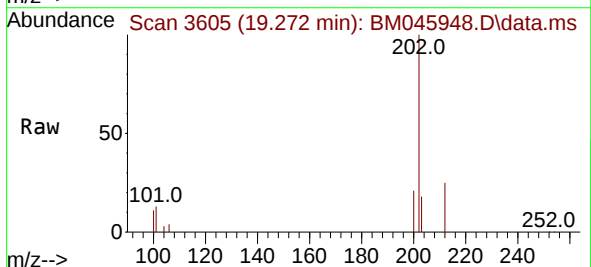
Manual Integrations
APPROVED

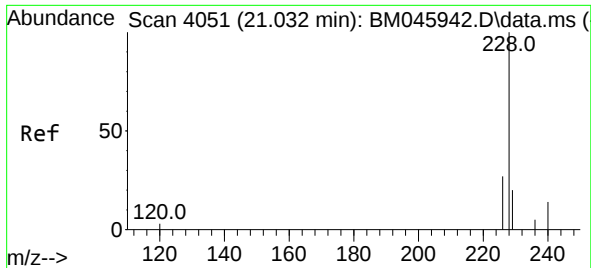
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 0.867 ng/u1
RT: 19.272 min Scan# 3605
Delta R.T. -0.013 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31

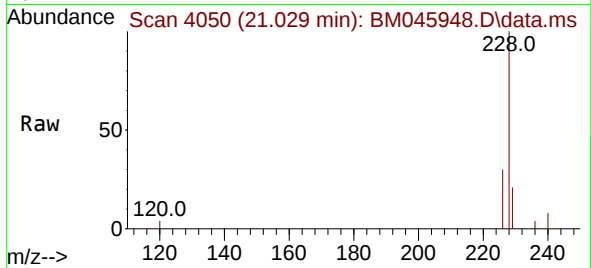
Tgt Ion:202 Resp: 41250
Ion Ratio Lower Upper
202 100
101 12.7 10.6 16.0
100 10.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.483 ng/ul
RT: 21.029 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31

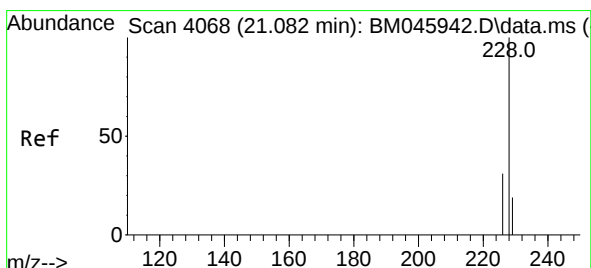
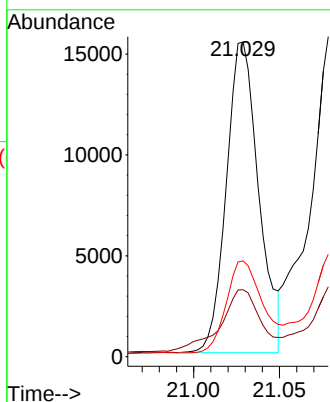
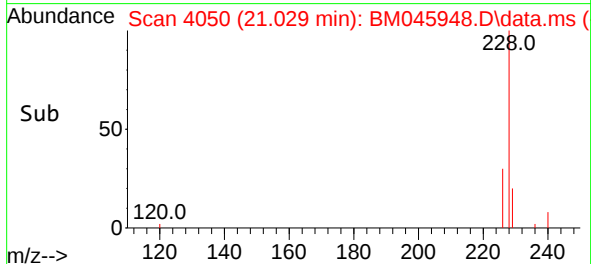
Instrument :
BNA_M
ClientSampleId :
A4B38



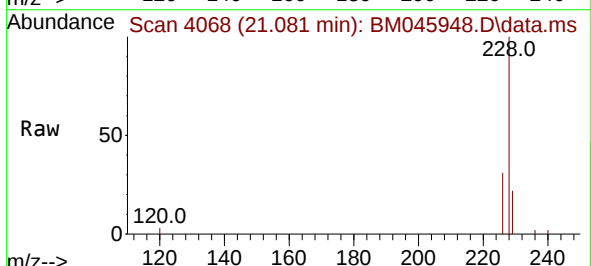
Tgt Ion:228 Resp: 2026
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 30.4 22.0 33.0

Manual Integrations
APPROVED

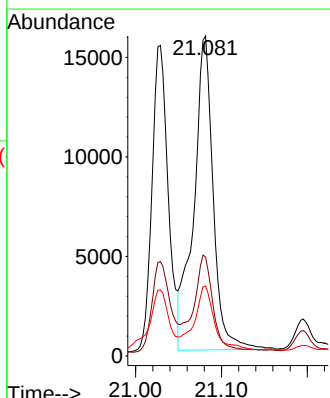
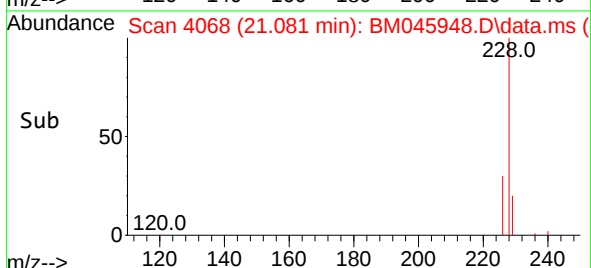
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

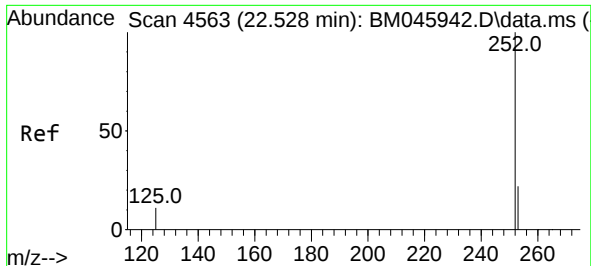


#22
Chrysene
Concen: 0.545 ng/ul
RT: 21.081 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31



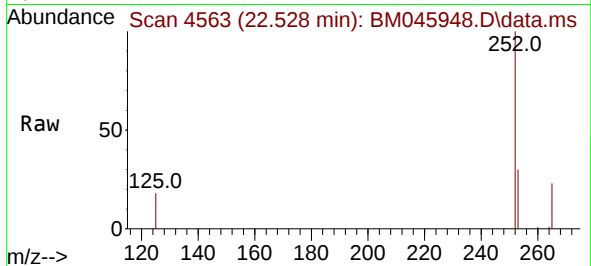
Tgt Ion:228 Resp: 24891
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 21.9 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.790 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31

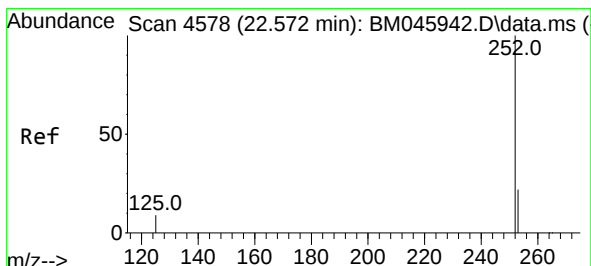
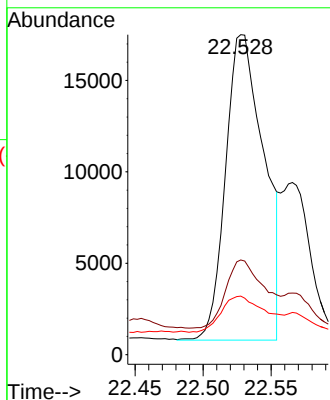
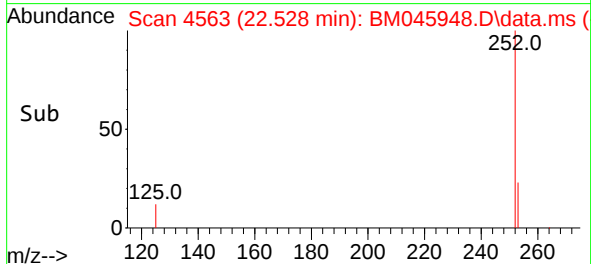
Instrument :
BNA_M
ClientSampleId :
A4B38



Tgt Ion:252 Resp: 3275
Ion Ratio Lower Upper
252 100
253 29.6 0.0 63.6
125 18.3 0.0 35.8

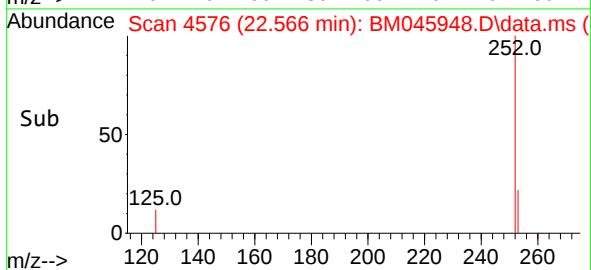
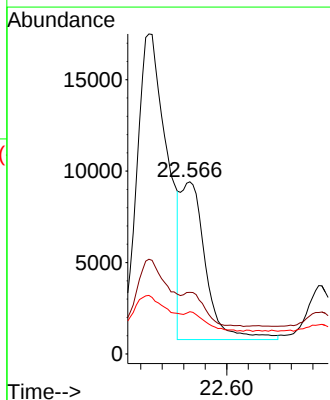
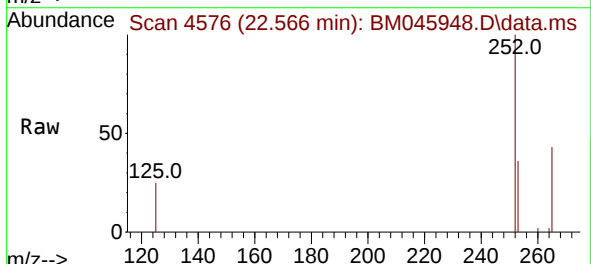
Manual Integrations
APPROVED

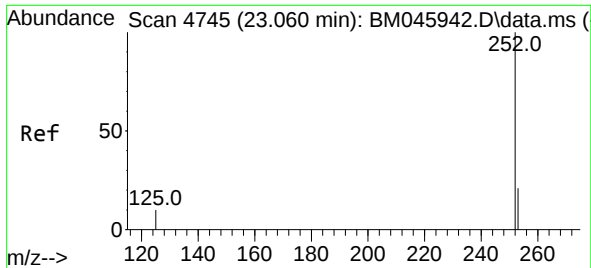
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.310 ng/ul m
RT: 22.566 min Scan# 4576
Delta R.T. -0.015 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31

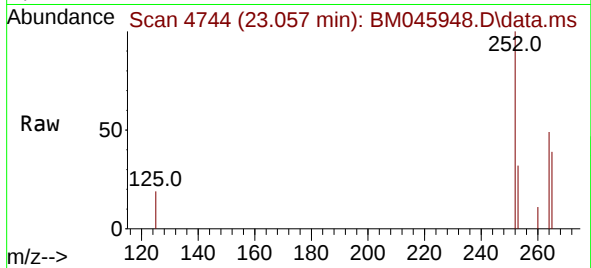
Tgt Ion:252 Resp: 14128
Ion Ratio Lower Upper
252 100
253 35.8 25.0 37.6
125 24.5 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 0.524 ng/ul
RT: 23.057 min Scan# 4744
Delta R.T. -0.015 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31

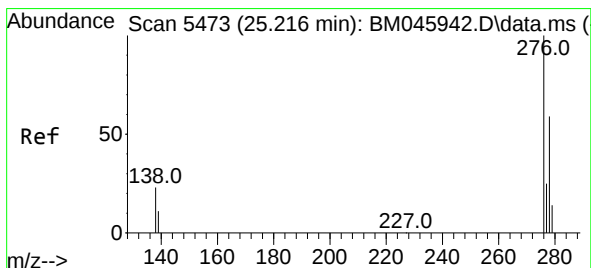
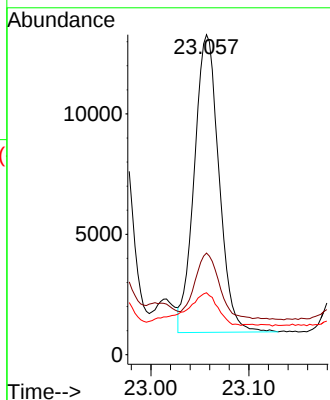
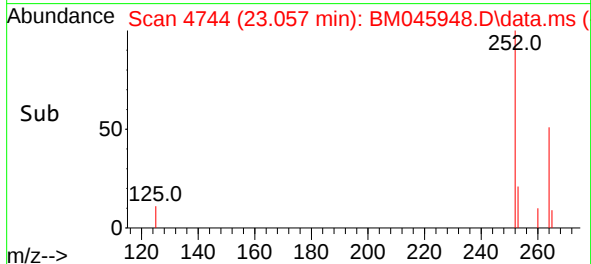
Instrument :
BNA_M
ClientSampleId :
A4B38



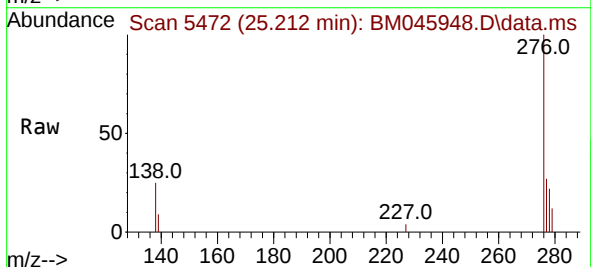
Tgt Ion:252 Resp: 21614
Ion Ratio Lower Upper
252 100
253 31.8 28.8 43.2
125 19.3 17.3 25.9

Manual Integrations
APPROVED

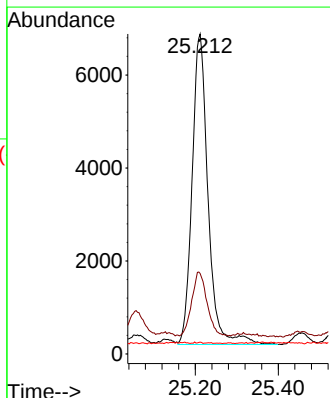
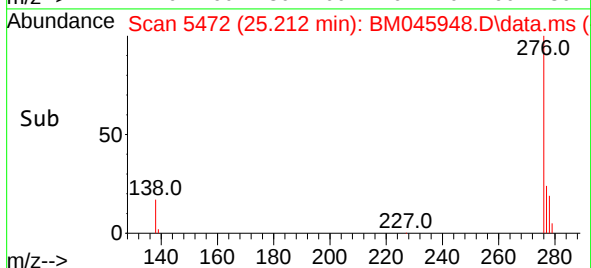
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

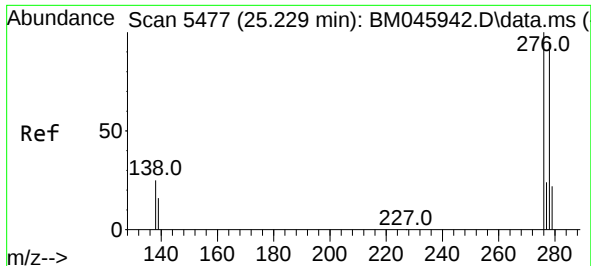


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 25.212 min Scan# 5472
Delta R.T. -0.020 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31



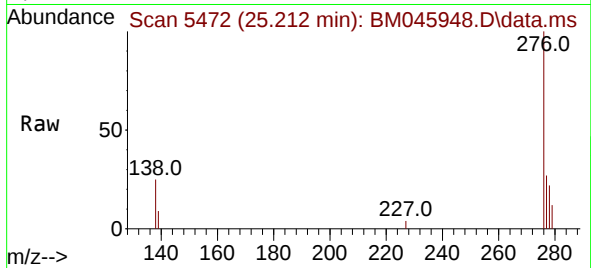
Tgt Ion:276 Resp: 17766
Ion Ratio Lower Upper
276 100
138 19.6 20.7 31.1#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 25.212 min Scan# 5477
Delta R.T. -0.037 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31

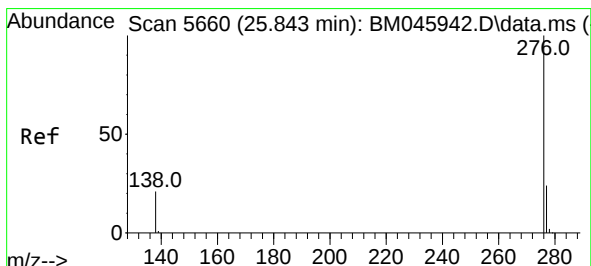
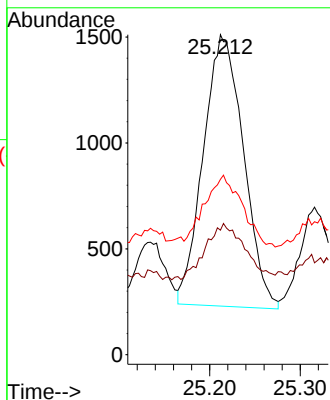
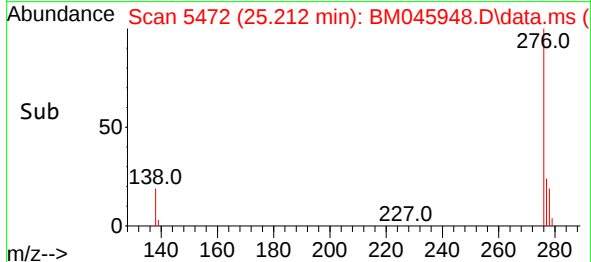
Instrument :
BNA_M
ClientSampleId :
A4B38



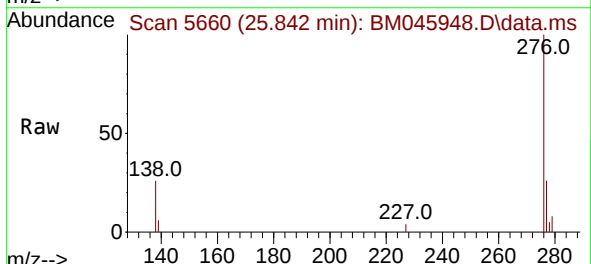
Tgt Ion: 278 Resp: 3940
Ion Ratio Lower Upper
278 100
139 38.9 16.6 25.0
279 54.8 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 25.842 min Scan# 5660
Delta R.T. -0.020 min
Lab File: BM045948.D
Acq: 10 Jun 2024 13:31



Tgt Ion: 276 Resp: 17824
Ion Ratio Lower Upper
276 100
138 26.5 21.0 31.4
277 26.1 20.5 30.7

