

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046128.D
 Acq On : 20 Jun 2024 18:10
 Operator : MA/JU
 Sample : P2710-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BM1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 02:48:12 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	7.426	152	2339	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.204	136	6573	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.075	164	3692	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.819	188	7610m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.015	240	6440m	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	7261m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	8164	2.544	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.843	152	1633	0.185	ng/ul	-0.02
18) Fluoranthene-d10	18.848	212	3980	0.206	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	387	0.021	ng/ul#	50
10) Acenaphthylene	13.793	152	1502	0.086	ng/ul#	86
11) Acenaphthene	14.140	153	2372	0.188	ng/ul	98
12) Fluorene	15.130	166	3131	0.231	ng/ul	98
15) Phenanthrene	16.857	178	87615m	4.098	ng/ul	
16) Anthracene	16.950	178	23462m	1.473	ng/ul	
19) Fluoranthene	18.880	202	150683	5.404	ng/ul#	95
20) Pyrene	19.243	202	151113	5.011	ng/ul	95
21) Benzo(a)anthracene	21.000	228	82365m	3.311	ng/ul	
22) Chrysene	21.050	228	84187m	2.652	ng/ul	
24) Benzo(b)fluoranthene	22.493	252	76116m	2.910	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	27684m	0.890	ng/ul	
26) Benzo(a)pyrene	23.019	252	60817m	2.509	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.155	276	35639	0.898	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.162	278	8988	0.304	ng/ul	95
29) Benzo(g,h,i)perylene	25.783	276	32831	0.965	ng/ul	96

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

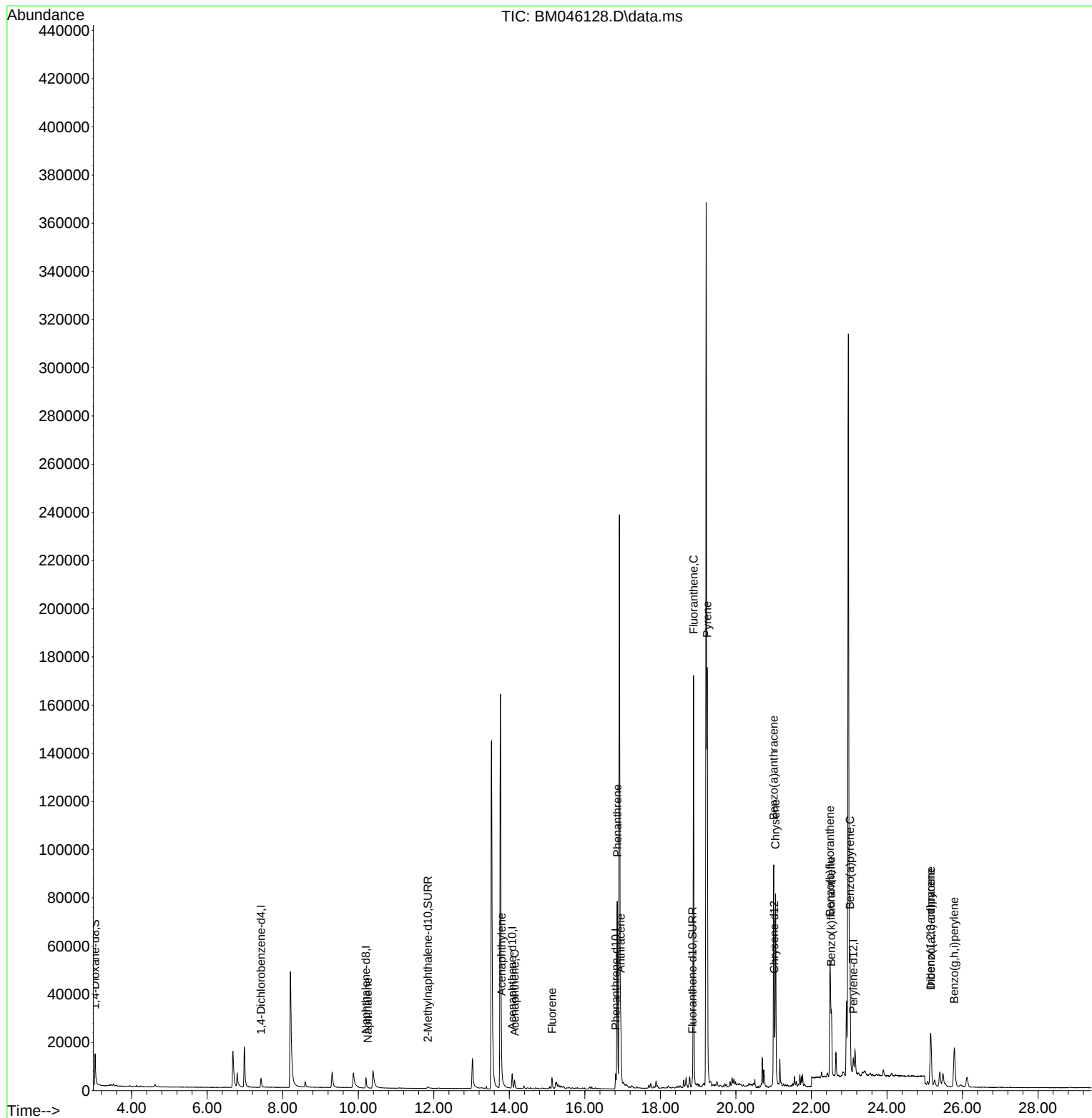
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046128.D
Acq On : 20 Jun 2024 18:10
Operator : MA/JU
Sample : P2710-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

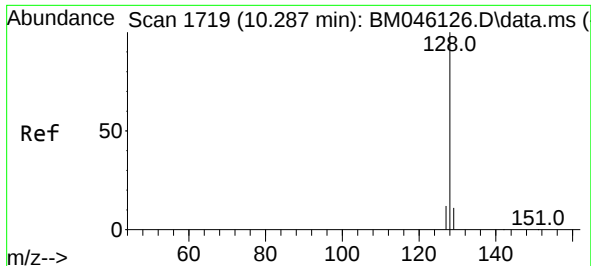
Instrument :
BNA_M
ClientSampleId :
A4BM1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

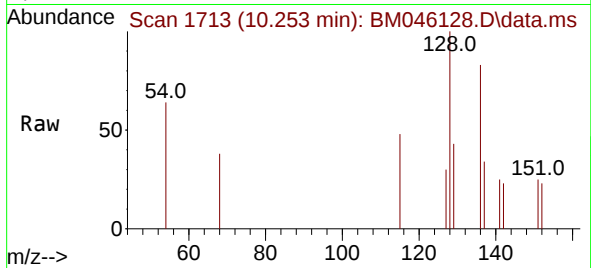
Quant Time: Jun 21 02:48:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.049 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

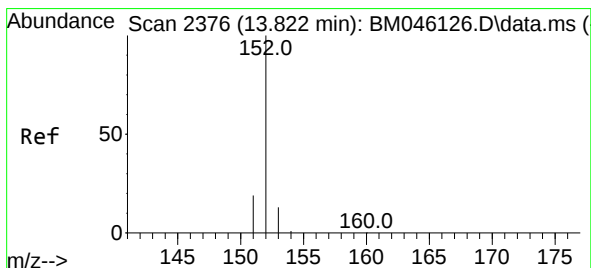
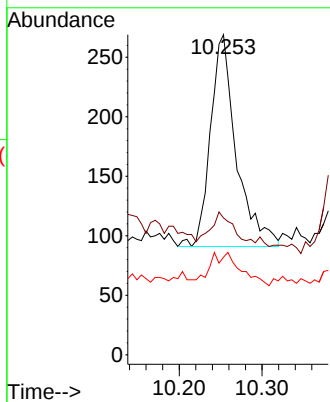
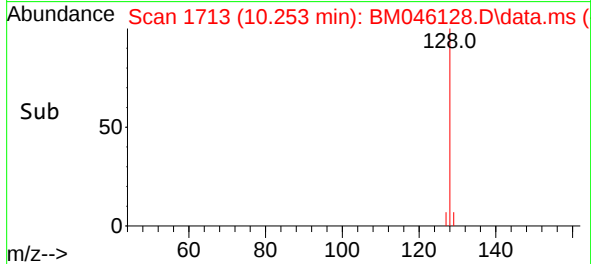
Instrument :
BNA_M
ClientSampleId :
A4BM1



Tgt Ion:128 Resp: 385
Ion Ratio Lower Upper
128 100
129 42.8 11.8 17.6#
127 30.5 12.8 19.2#

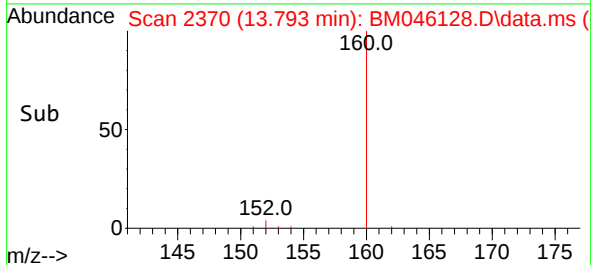
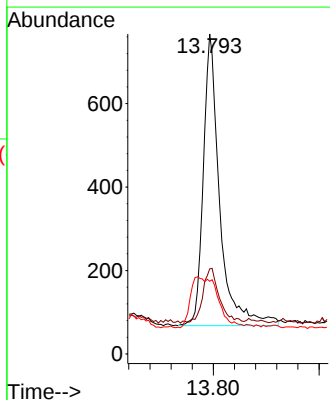
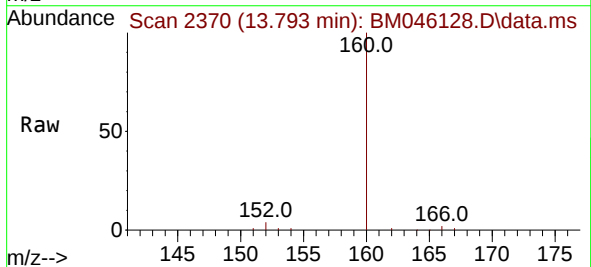
Manual Integrations
APPROVED

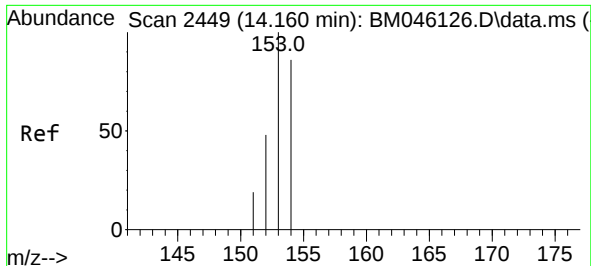
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.086 ng/ul
RT: 13.793 min Scan# 2370
Delta R.T. -0.042 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

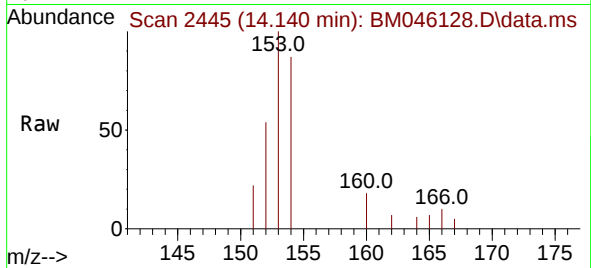
Tgt Ion:152 Resp: 1502
Ion Ratio Lower Upper
152 100
151 26.6 17.4 26.2#
153 22.7 11.8 17.8#





#11
Acenaphthene
Concen: 0.188 ng/ul
RT: 14.140 min Scan# 2445
Delta R.T. -0.032 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

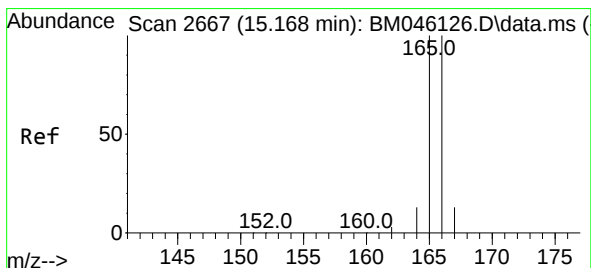
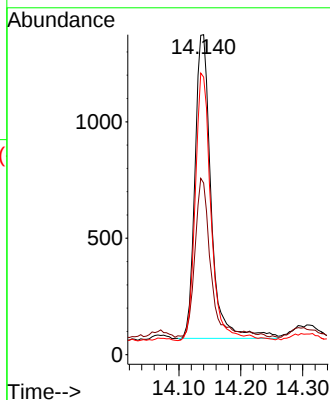
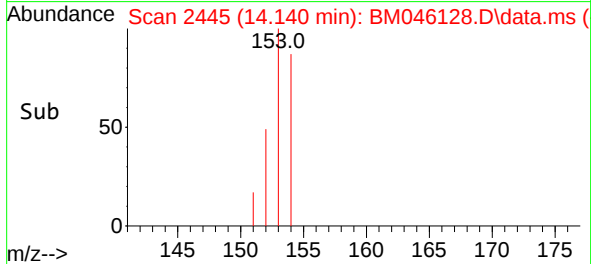
Instrument :
BNA_M
ClientSampleId :
A4BM1



Tgt Ion:153 Resp: 2372
Ion Ratio Lower Upper
153 100
152 53.6 41.3 61.9
154 86.8 68.2 102.4

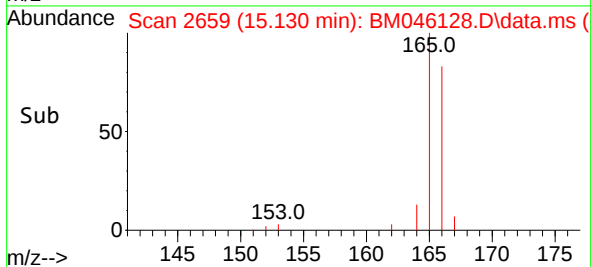
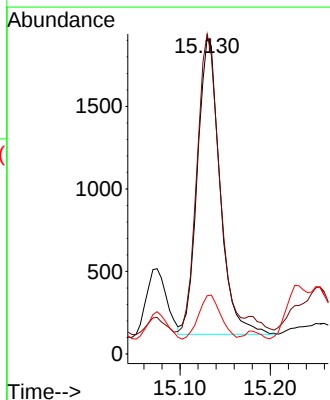
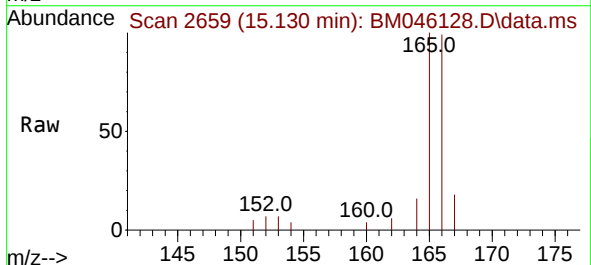
Manual Integrations
APPROVED

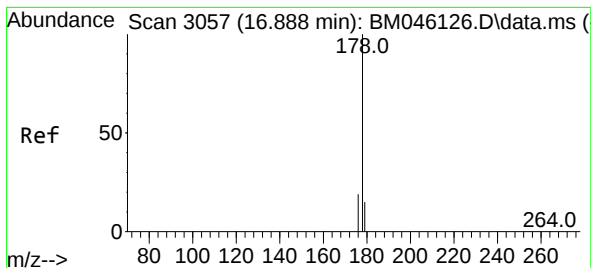
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.231 ng/ul
RT: 15.130 min Scan# 2659
Delta R.T. -0.051 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

Tgt Ion:166 Resp: 3131
Ion Ratio Lower Upper
166 100
165 101.2 80.4 120.6
167 18.4 12.4 18.6





#15

Phenanthrene

Concen: 4.098 ng/ul m

RT: 16.857 min Scan# 3050

Delta R.T. -0.046 min

Lab File: BM046128.D

Acq: 20 Jun 2024 18:10

Instrument :

BNA_M

ClientSampleId :

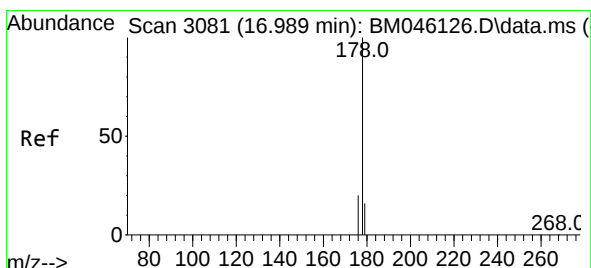
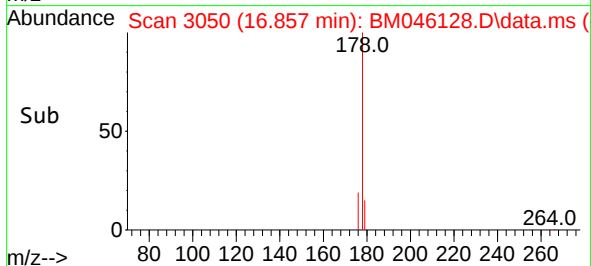
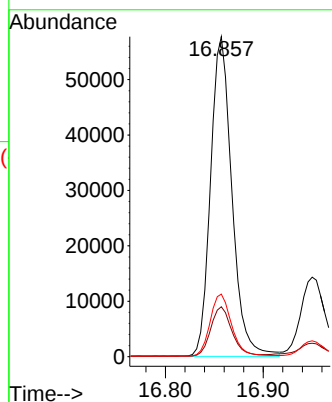
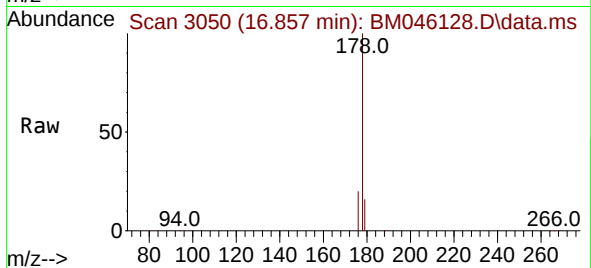
A4BM1

Tgt Ion:178	Resp:	8761
Ion Ratio	Lower	Upper
178	100	
179	15.6	14.2 21.2
176	19.5	17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#16

Anthracene

Concen: 1.473 ng/ul m

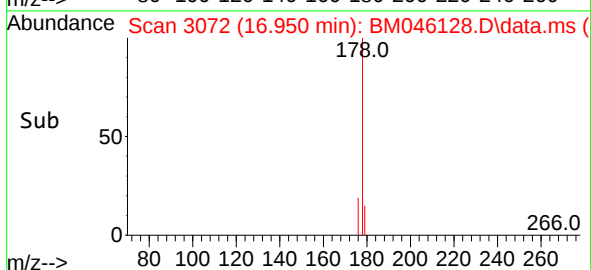
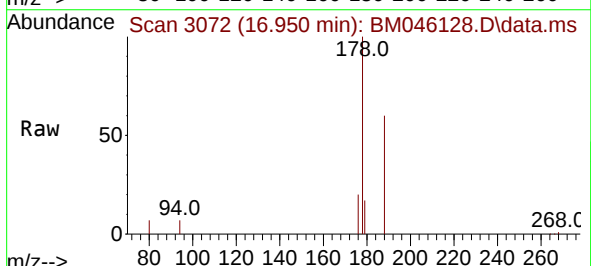
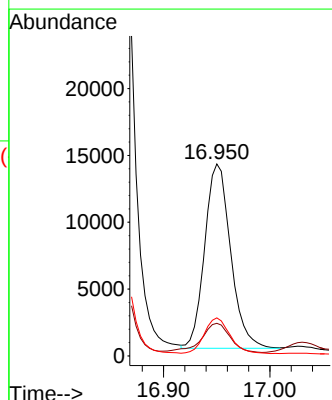
RT: 16.950 min Scan# 3072

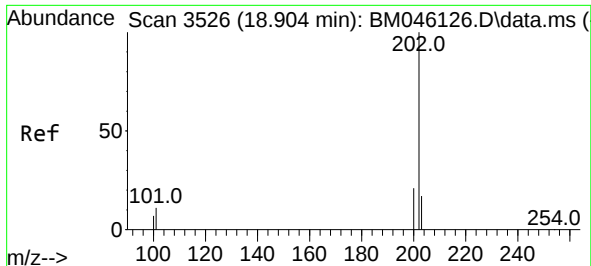
Delta R.T. -0.055 min

Lab File: BM046128.D

Acq: 20 Jun 2024 18:10

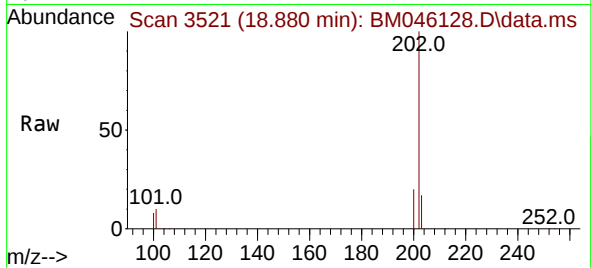
Tgt Ion:178	Resp:	23462
Ion Ratio	Lower	Upper
178	100	
179	17.0	14.9 22.3
176	19.8	17.0 25.4





#19
Fluoranthene
Concen: 5.404 ng/ul
RT: 18.880 min Scan# 3521
Delta R.T. -0.037 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

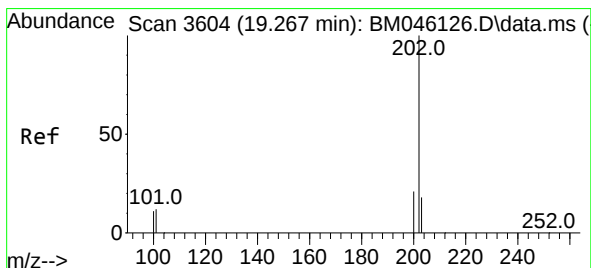
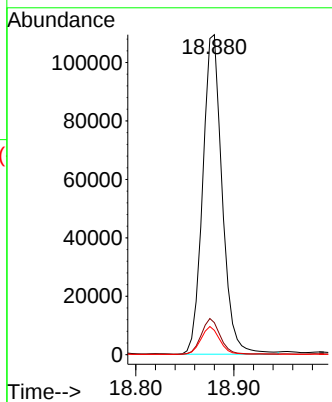
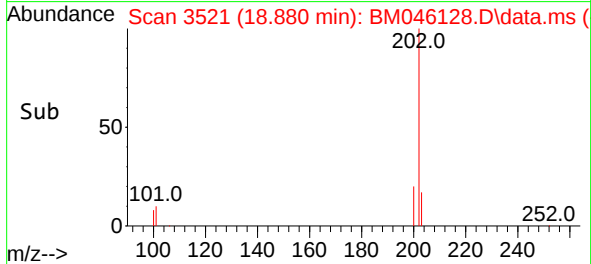
Instrument :
BNA_M
ClientSampleId :
A4BM1



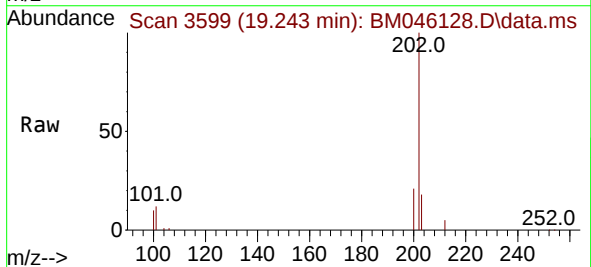
Tgt Ion:202 Resp: 150683
Ion Ratio Lower Upper
202 100
101 10.0 9.6 14.4
100 7.6 7.6 11.4

Manual Integrations
APPROVED

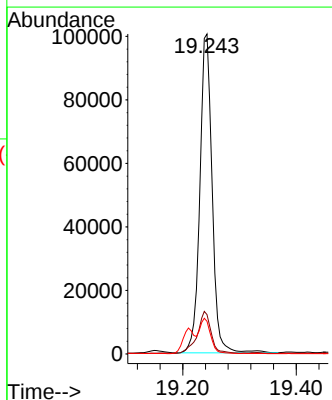
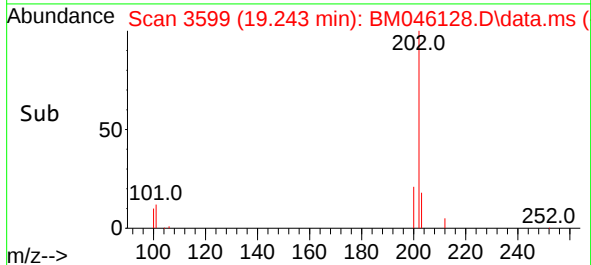
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

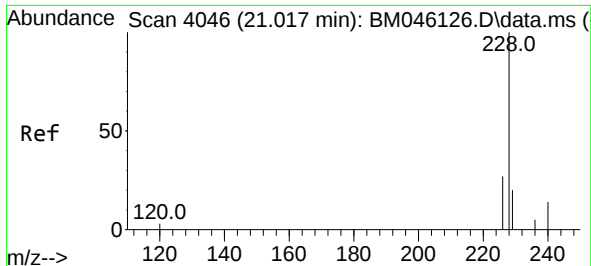


#20
Pyrene
Concen: 5.011 ng/ul
RT: 19.243 min Scan# 3599
Delta R.T. -0.032 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10



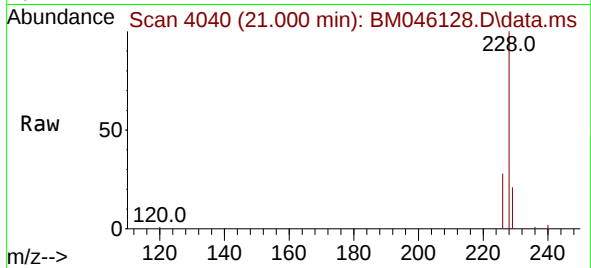
Tgt Ion:202 Resp: 151113
Ion Ratio Lower Upper
202 100
101 12.3 11.3 16.9
100 10.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.311 ng/ul m
RT: 21.000 min Scan# 4046
Delta R.T. -0.029 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

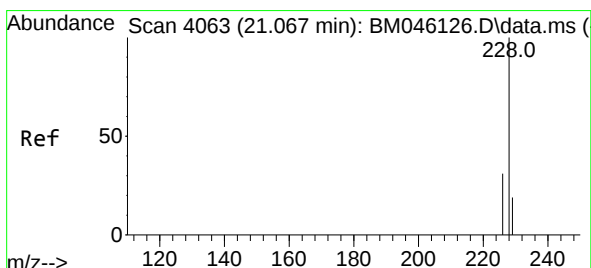
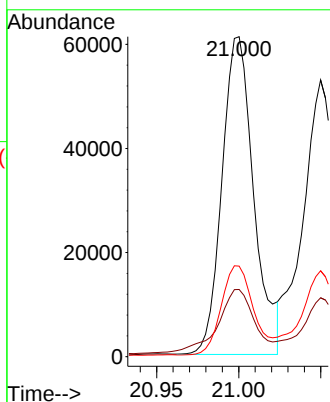
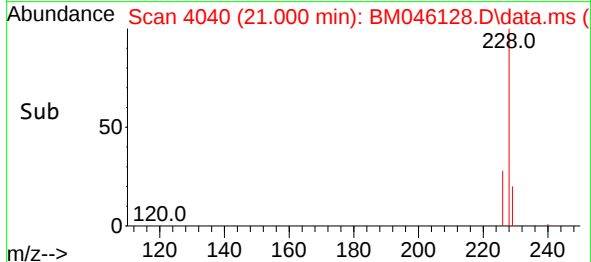
Instrument :
BNA_M
ClientSampleId :
A4BM1



Tgt Ion:228 Resp: 8236
Ion Ratio Lower Upper
228 100
229 21.0 16.4 24.6
226 28.3 23.4 35.2

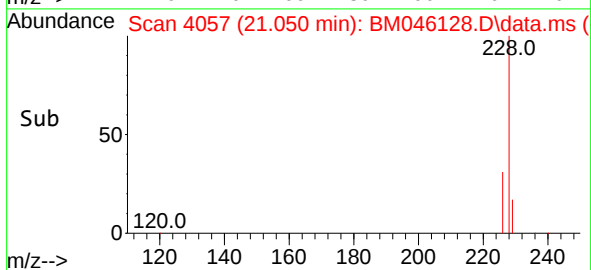
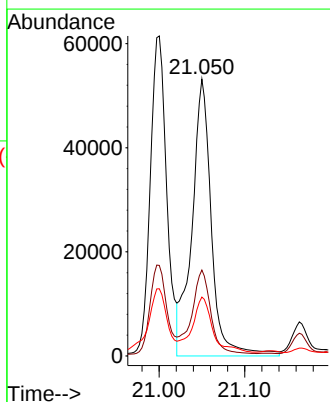
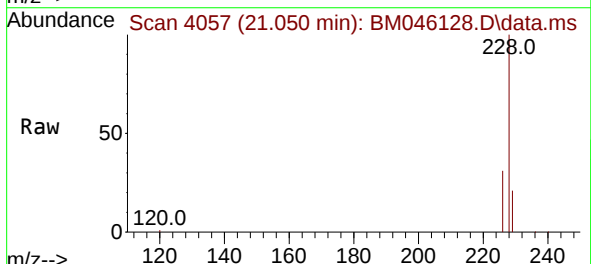
Manual Integrations
APPROVED

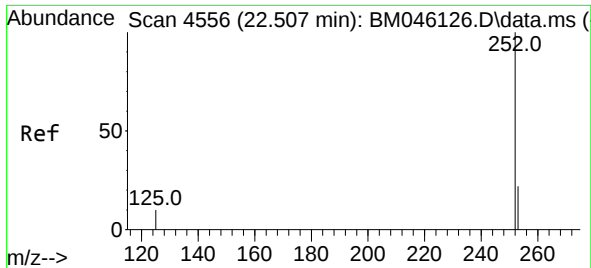
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 2.652 ng/ul m
RT: 21.050 min Scan# 4057
Delta R.T. -0.026 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

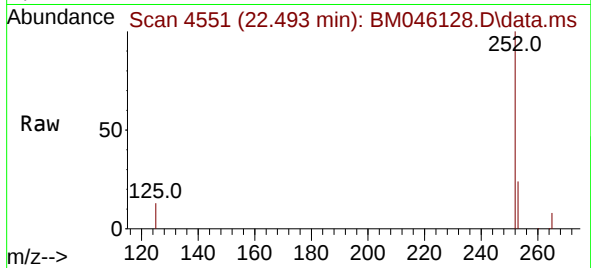
Tgt Ion:228 Resp: 84187
Ion Ratio Lower Upper
228 100
226 31.0 25.2 37.8
229 21.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 2.910 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.026 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

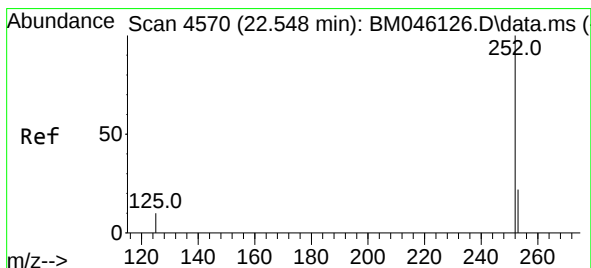
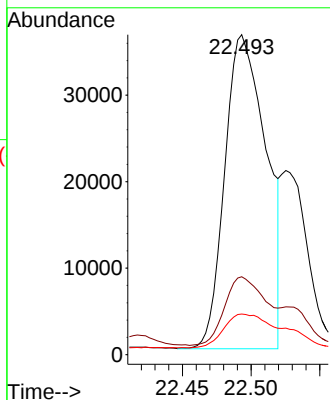
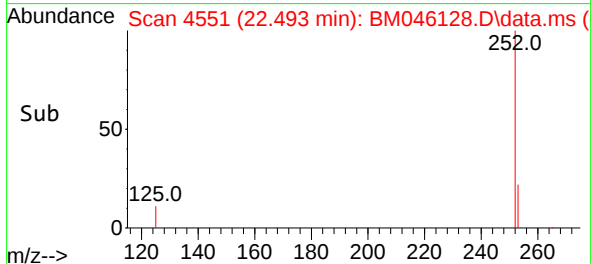
Instrument :
BNA_M
ClientSampleId :
A4BM1



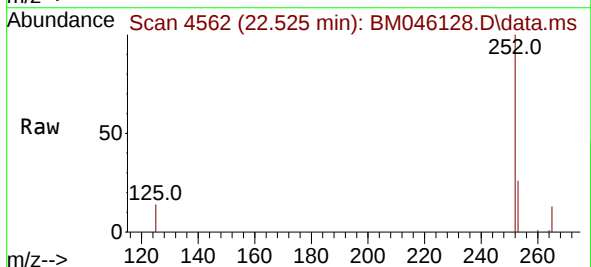
Tgt Ion:252 Resp: 76110
Ion Ratio Lower Upper
252 100
253 24.4 0.0 65.8
125 12.7 0.0 40.2

Manual Integrations
APPROVED

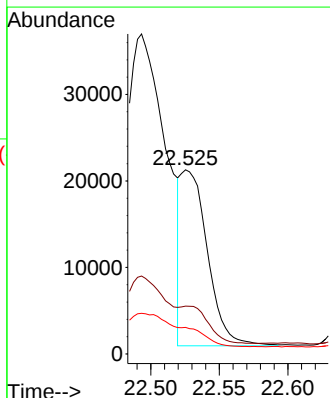
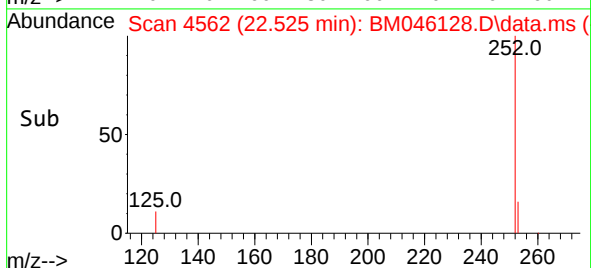
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

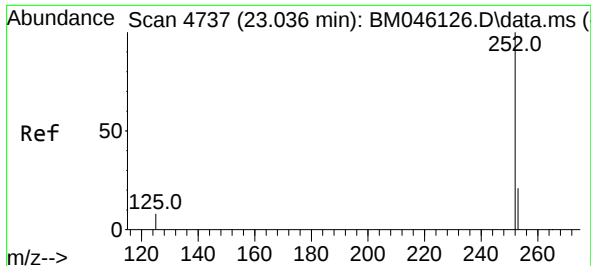


#25
Benzo(k)fluoranthene
Concen: 0.890 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.038 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10



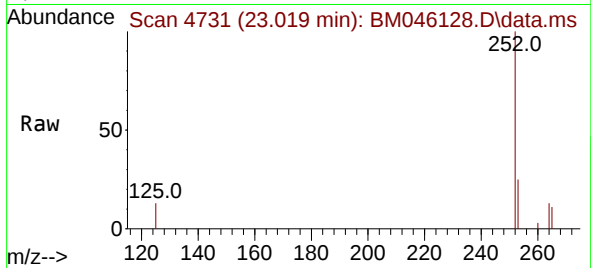
Tgt Ion:252 Resp: 27684
Ion Ratio Lower Upper
252 100
253 26.0 27.2 40.8#
125 14.4 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 2.509 ng/ul m
RT: 23.019 min Scan# 4731
Delta R.T. -0.035 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

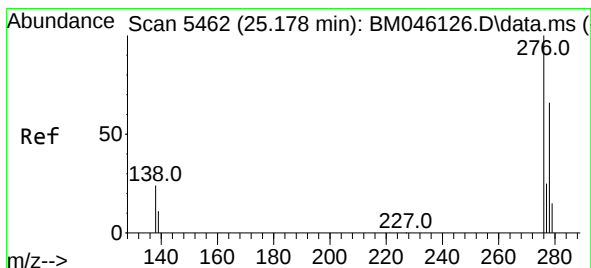
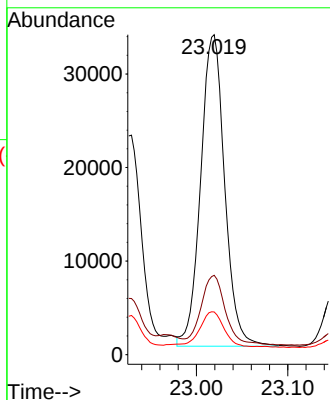
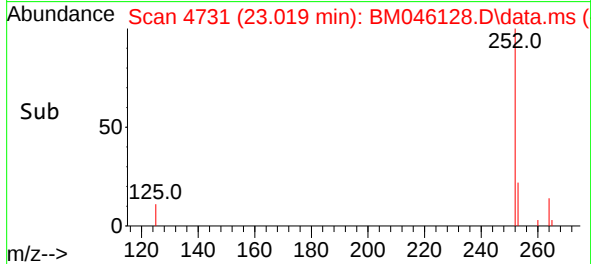
Instrument :
BNA_M
ClientSampleId :
A4BM1



Tgt Ion:252 Resp: 6081
Ion Ratio Lower Upper
252 100
253 24.8 32.1 48.1#
125 13.3 21.2 31.8#

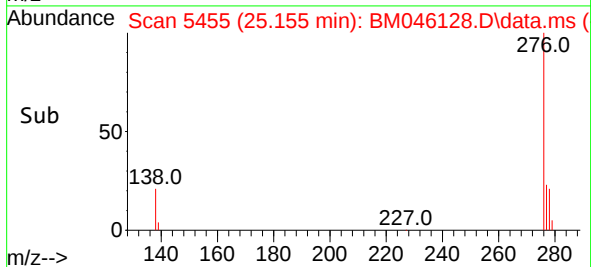
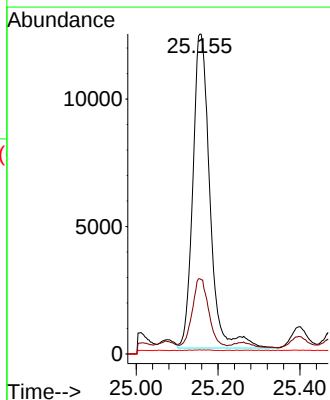
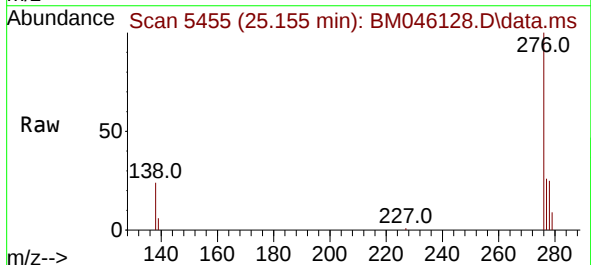
Manual Integrations
APPROVED

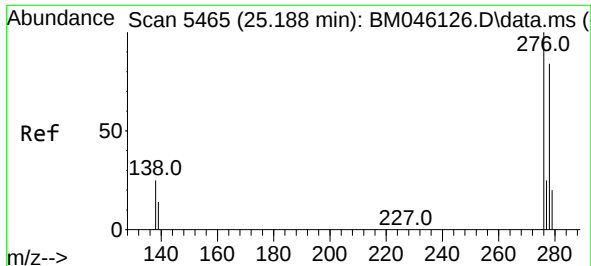
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.898 ng/ul
RT: 25.155 min Scan# 5455
Delta R.T. -0.047 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

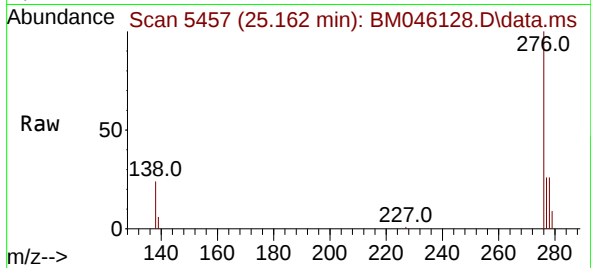
Tgt Ion:276 Resp: 35639
Ion Ratio Lower Upper
276 100
138 20.1 21.0 31.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.304 ng/ul
RT: 25.162 min Scan# 5465
Delta R.T. -0.054 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

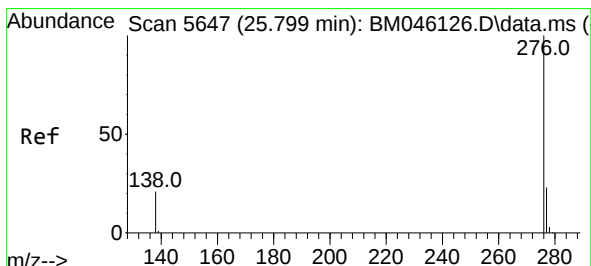
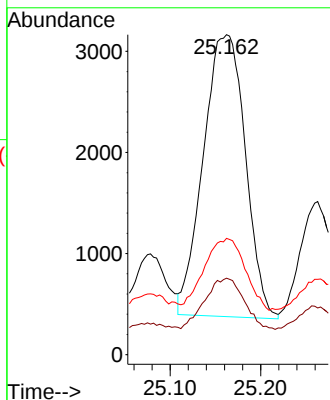
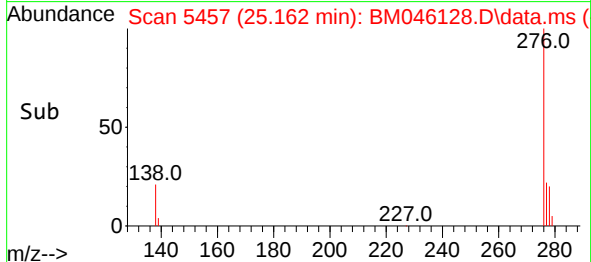
Instrument :
BNA_M
ClientSampleId :
A4BM1



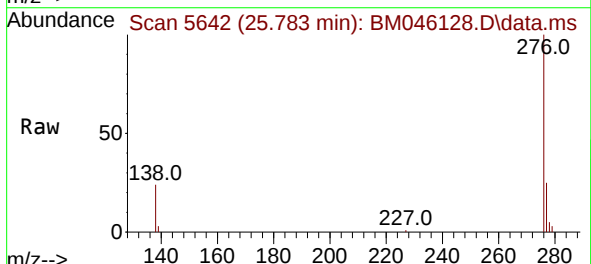
Tgt Ion:278 Resp: 898
Ion Ratio Lower Upper
278 100
139 23.9 17.6 26.4
279 36.3 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.965 ng/ul
RT: 25.783 min Scan# 5642
Delta R.T. -0.047 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10



Tgt Ion:276 Resp: 32831
Ion Ratio Lower Upper
276 100
138 23.9 21.7 32.5
277 24.9 20.4 30.6

