

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045898.D
 Acq On : 08 Jun 2024 01:59
 Operator : MA/JU
 Sample : P2586-14DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C28DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 08 02:29:38 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	7.472	152	6484	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.242	136	22194	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	12050	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188	23085	0.400	ng/ul	0.00
17) Chrysene-d12	21.047	240	17566	0.400	ng/ul	0.00
23) Perylene-d12	23.157	264	18310m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	5453	0.738	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.843	152	1616	0.051	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	2806	0.053	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.292	128	1332	0.023	ng/ul#	79
10) Acenaphthylene	13.835	152	1300	0.024	ng/ul#	79
11) Acenaphthene	14.177	153	1312	0.033	ng/ul	97
12) Fluorene	15.167	166	1482	0.033	ng/ul#	97
15) Phenanthrene	16.895	178	35088	0.541	ng/ul	99
16) Anthracene	16.988	178	7406	0.134	ng/ul#	94
19) Fluoranthene	18.917	202	87685	1.252	ng/ul	99
20) Pyrene	19.280	202	74801	1.024	ng/ul	97
21) Benzo(a)anthracene	21.032	228	49124	0.762	ng/ul	99
22) Chrysene	21.085	228	51664	0.736	ng/ul	98
24) Benzo(b)fluoranthene	22.534	252	81654m	1.345	ng/ul	
25) Benzo(k)fluoranthene	22.572	252	26324m	0.394	ng/ul	
26) Benzo(a)pyrene	23.063	252	50101	0.830	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.219	276	39842	0.510	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.226	278	10996	0.176	ng/ul#	85
29) Benzo(g,h,i)perylene	25.853	276	43106	0.640	ng/ul	97

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

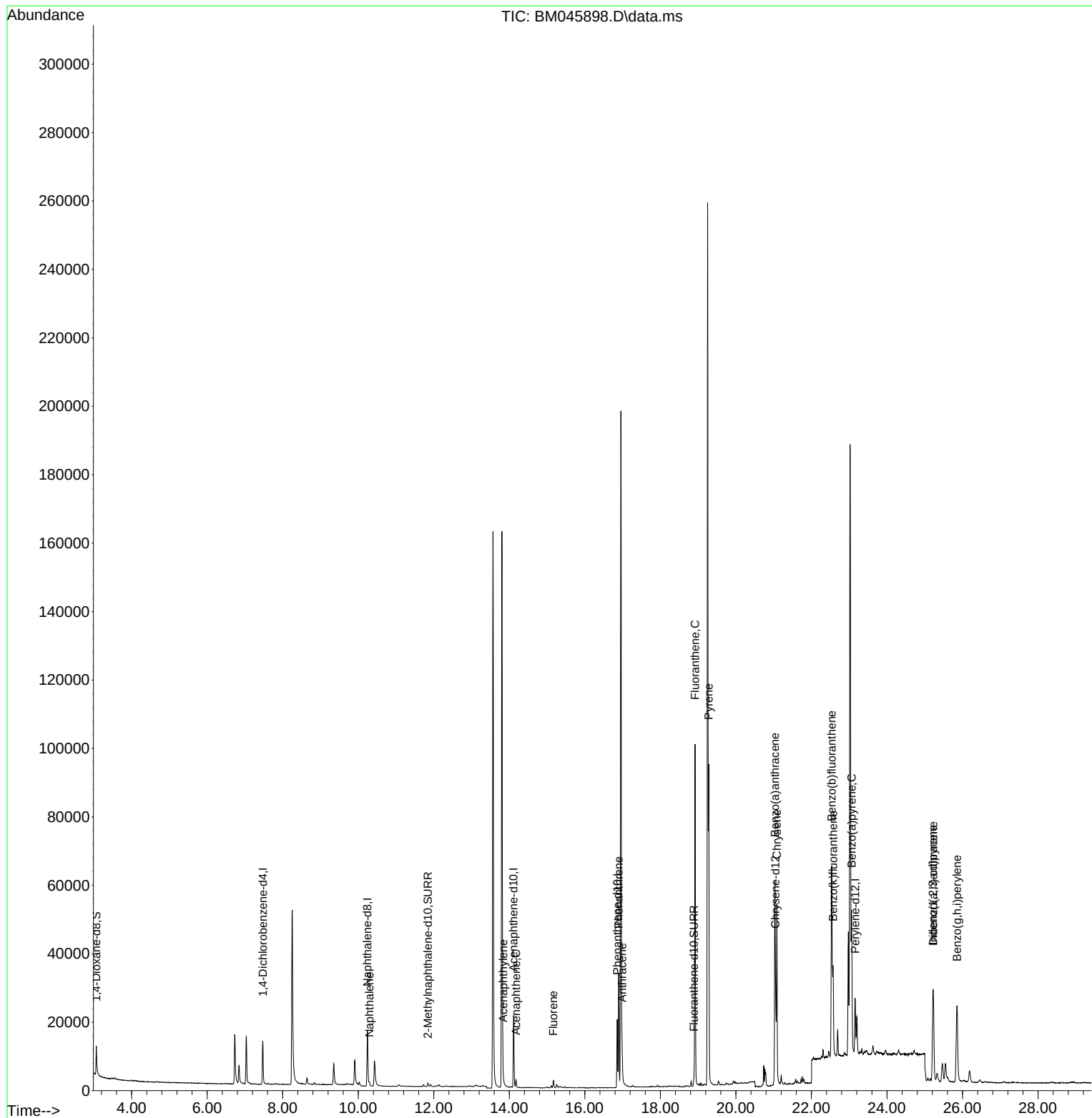
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045898.D
Acq On : 08 Jun 2024 01:59
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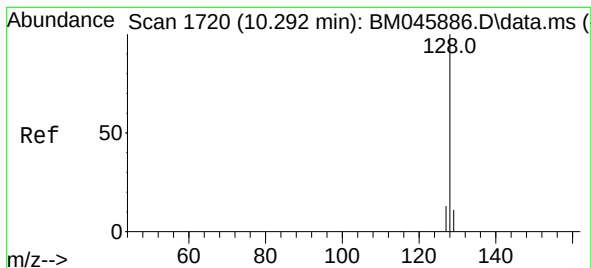
Instrument :
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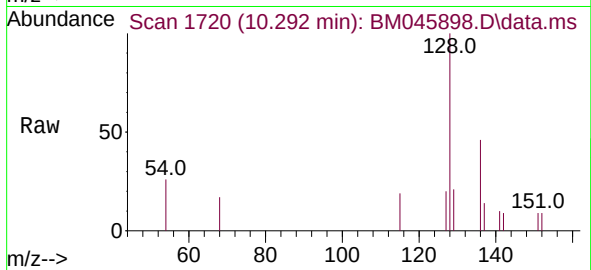
Quant Time: Jun 08 02:29:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.011 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

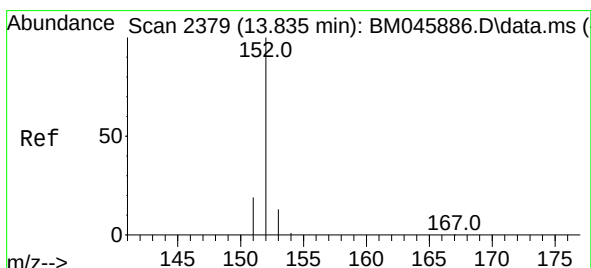
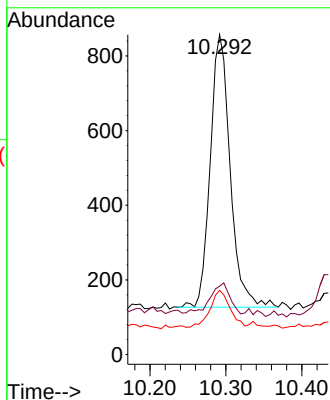
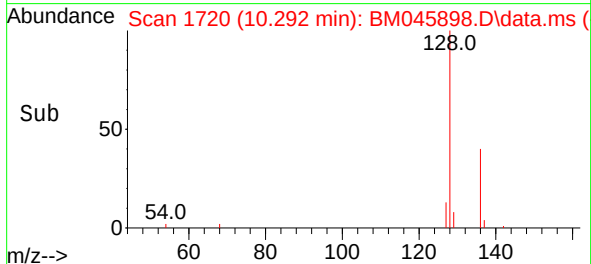
Instrument :
BNA_M
ClientSampleId :
A4C28DL



Tgt Ion:128 Resp: 1332
Ion Ratio Lower Upper
128 100
129 21.4 9.4 14.0#
127 20.1 10.6 15.8#

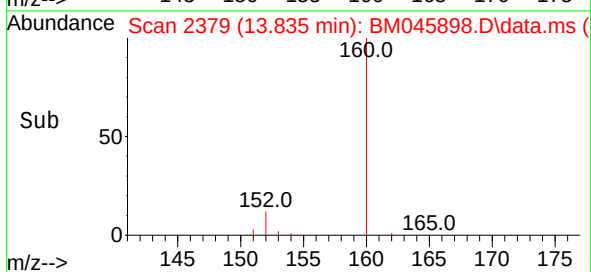
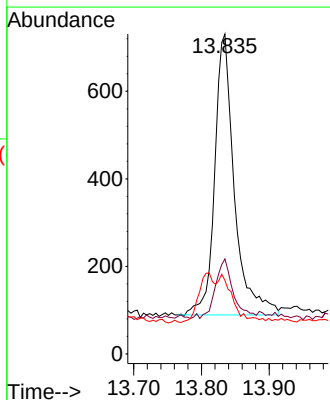
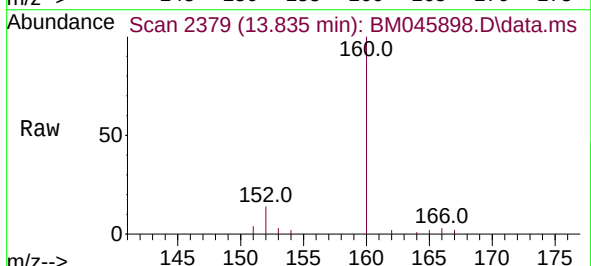
Manual Integrations
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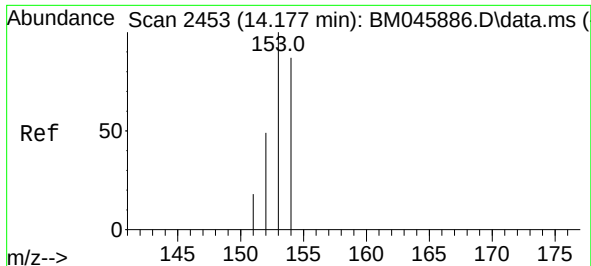
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 13.835 min Scan# 2379
Delta R.T. -0.005 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

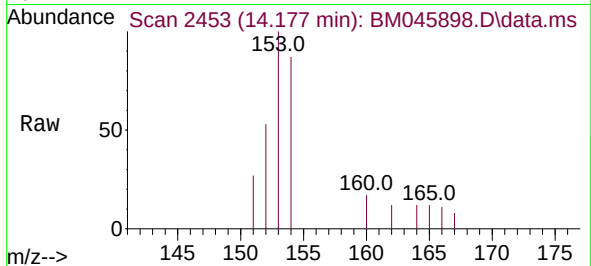
Tgt Ion:152 Resp: 1300
Ion Ratio Lower Upper
152 100
151 29.7 16.4 24.6#
153 23.0 11.1 16.7#





#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

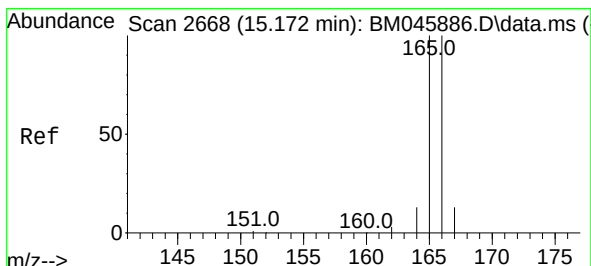
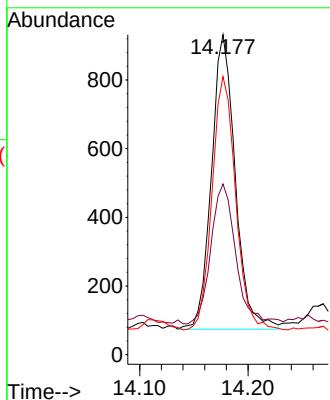
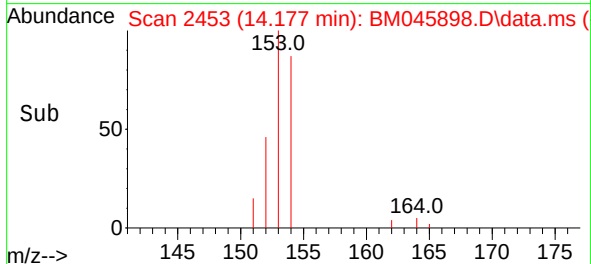
Instrument :
BNA_M
ClientSampleId :
A4C28DL



Tgt Ion:153 Resp: 1312
Ion Ratio Lower Upper
153 100
152 53.3 39.0 58.4
154 86.9 69.4 104.2

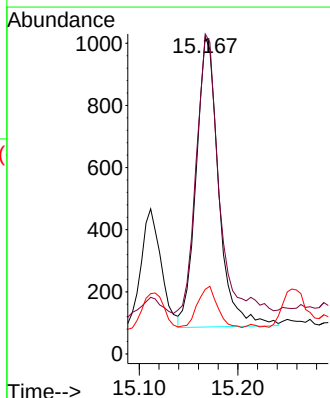
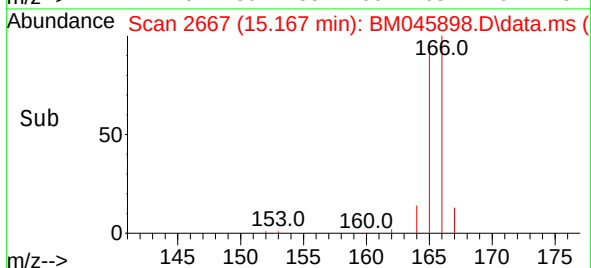
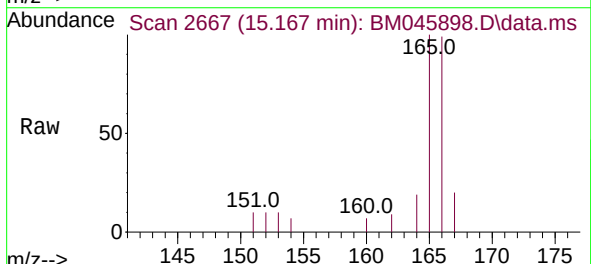
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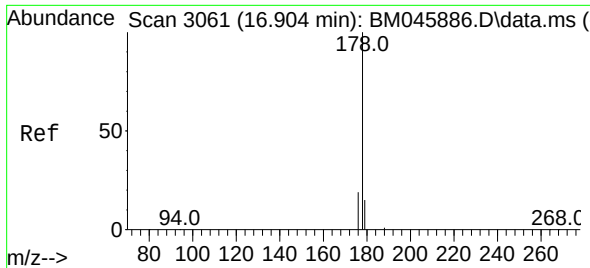
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.167 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

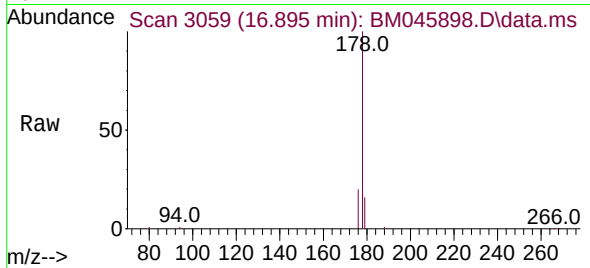
Tgt Ion:166 Resp: 1482
Ion Ratio Lower Upper
166 100
165 100.9 79.7 119.5
167 20.4 11.3 16.9#





#15
Phenanthrene
Concen: 0.541 ng/ul
RT: 16.895 min Scan# 3059
Delta R.T. -0.008 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

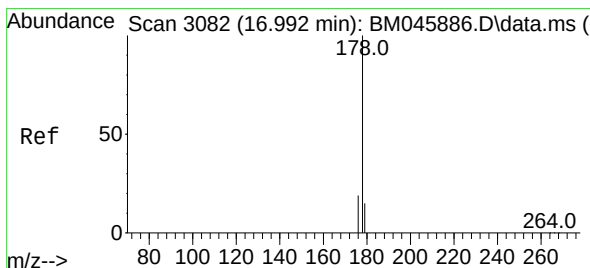
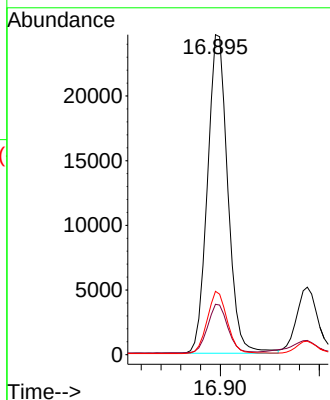
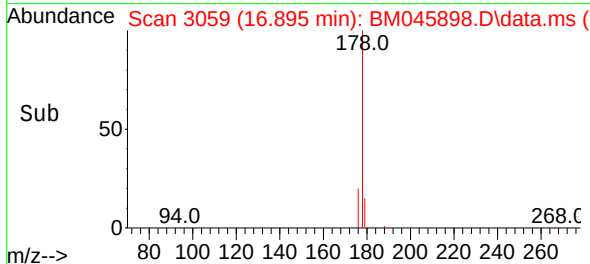
Instrument :
BNA_M
ClientSampleId :
A4C28DL



Tgt Ion:178 Resp: 3508
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.8 15.6 23.4

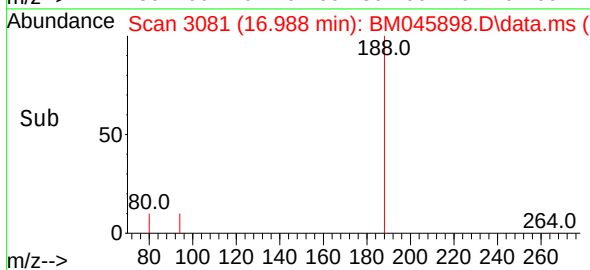
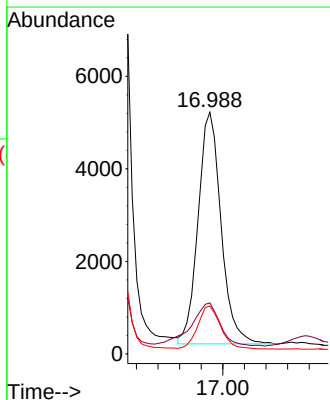
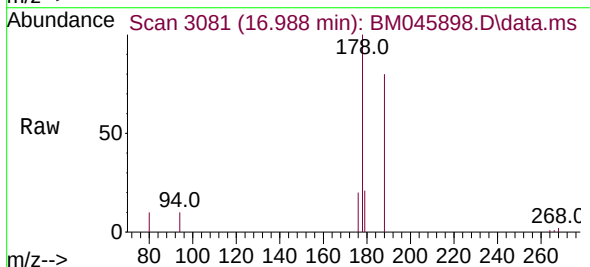
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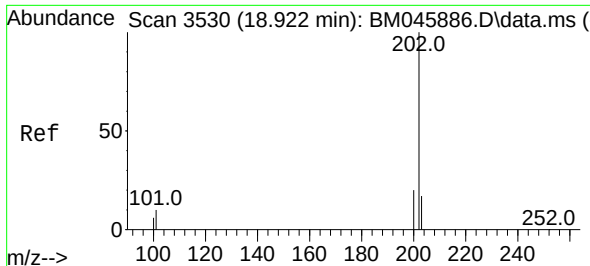
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.134 ng/ul
RT: 16.988 min Scan# 3081
Delta R.T. -0.008 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

Tgt Ion:178 Resp: 7406
Ion Ratio Lower Upper
178 100
179 21.1 13.1 19.7#
176 19.8 15.5 23.3





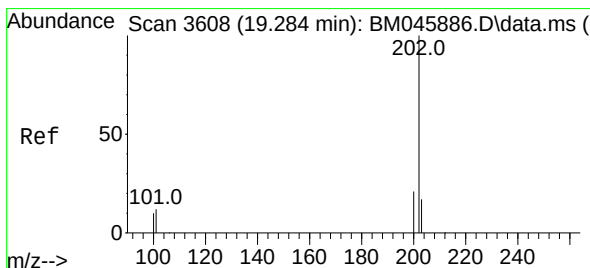
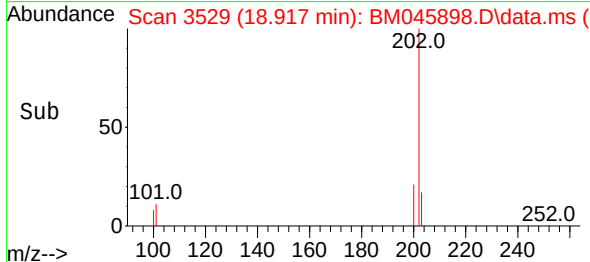
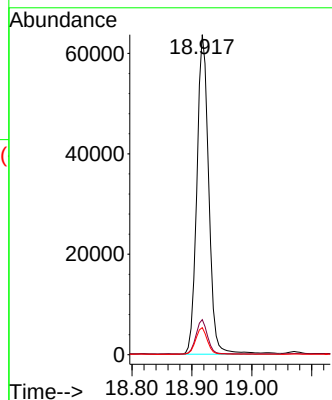
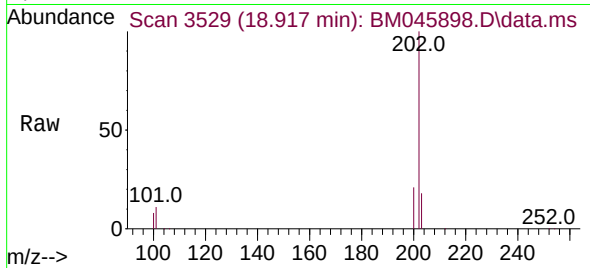
#19
Fluoranthene
Concen: 1.252 ng/ul
RT: 18.917 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

Instrument :
BNA_M
ClientSampleId :
A4C28DL

Tgt Ion:202 Resp: 87689
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.6
100 8.5 7.0 10.6

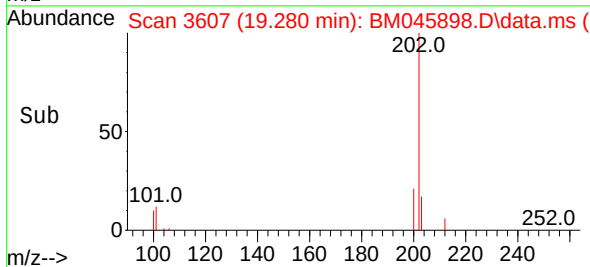
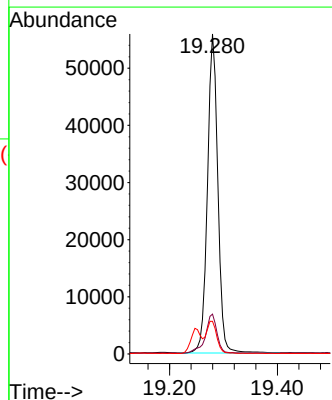
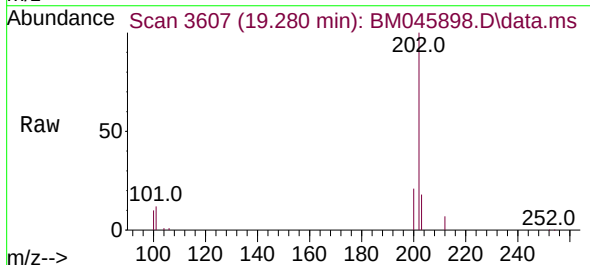
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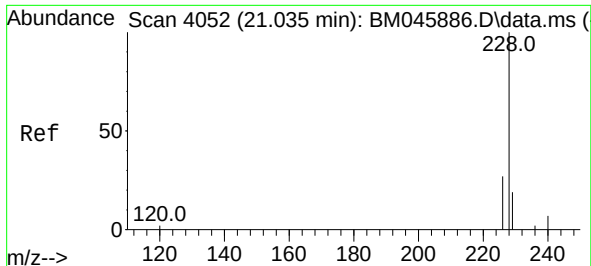
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 1.024 ng/ul
RT: 19.280 min Scan# 3607
Delta R.T. -0.005 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

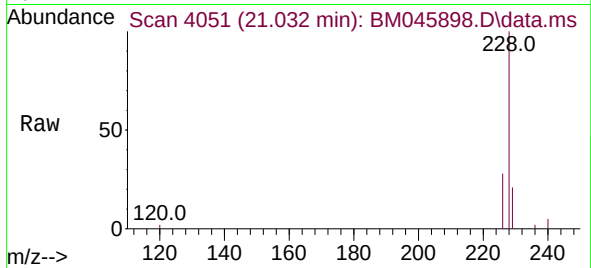
Tgt Ion:202 Resp: 74801
Ion Ratio Lower Upper
202 100
101 12.4 10.6 16.0
100 10.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.762 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

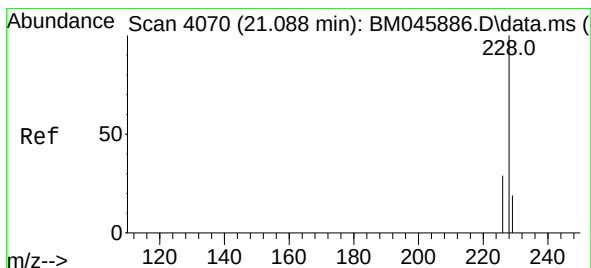
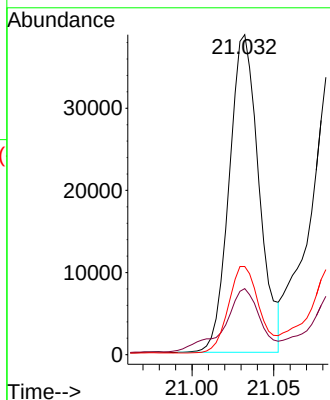
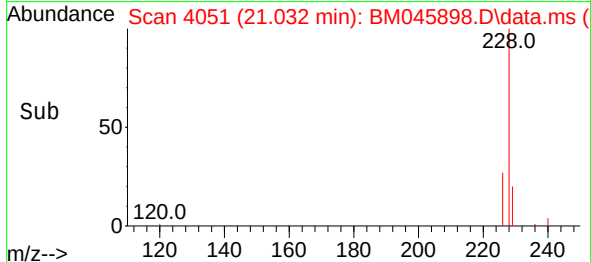
Instrument :
BNA_M
ClientSampleId :
A4C28DL



Tgt Ion:228 Resp: 49124
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 27.6 22.0 33.0

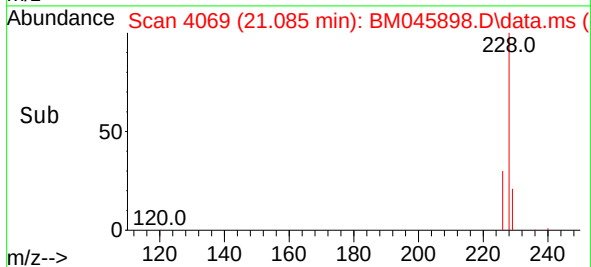
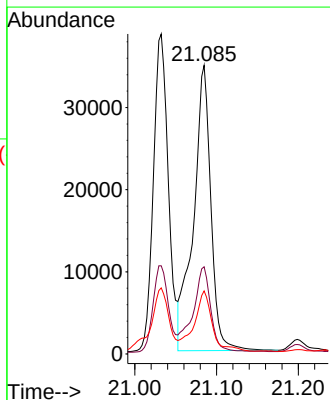
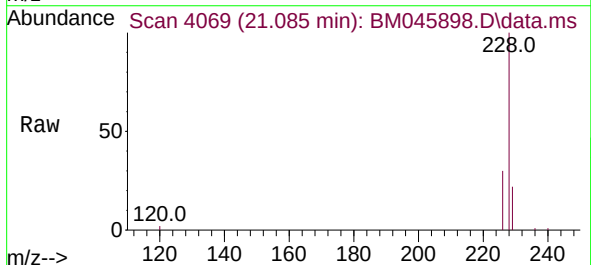
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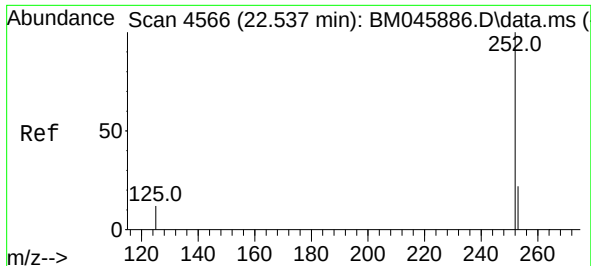
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.736 ng/ul
RT: 21.085 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

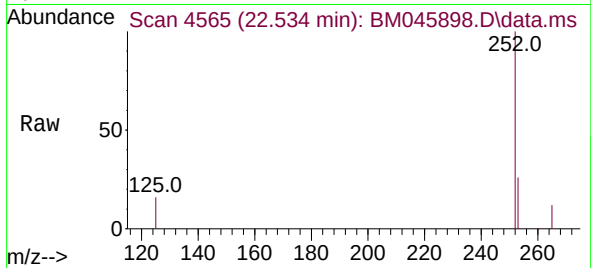
Tgt Ion:228 Resp: 51664
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 21.9 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.345 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

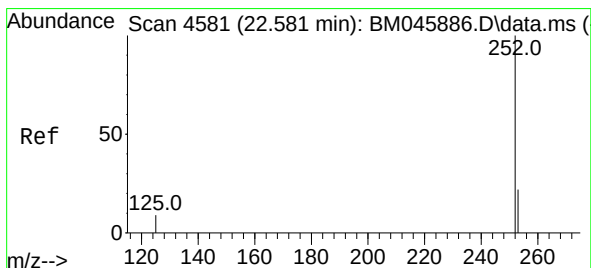
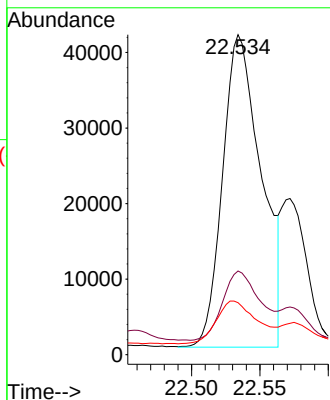
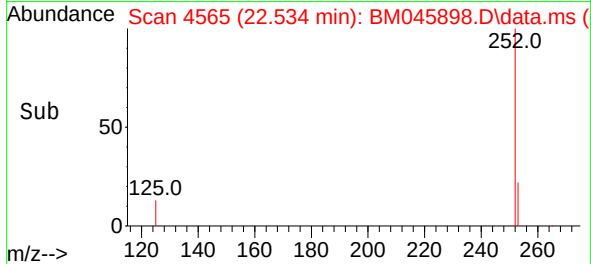
Instrument :
BNA_M
ClientSampleId :
A4C28DL



Tgt Ion:252 Resp: 8165
Ion Ratio Lower Upper
252 100
253 26.1 0.0 63.6
125 16.3 0.0 35.8

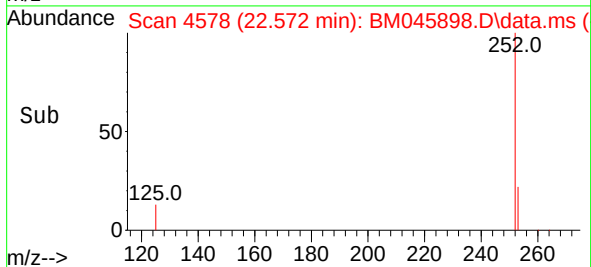
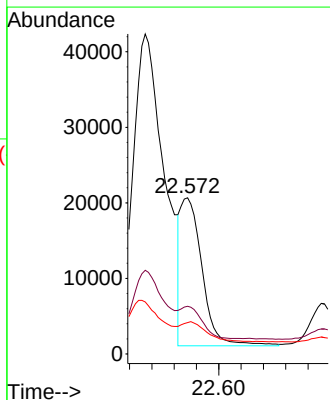
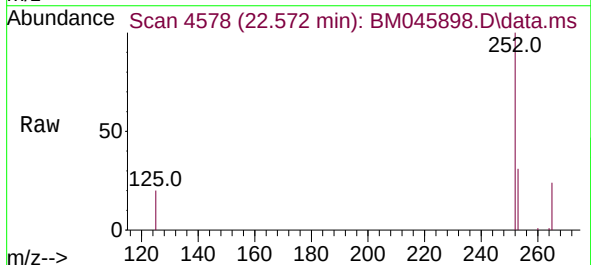
Manual Integrations
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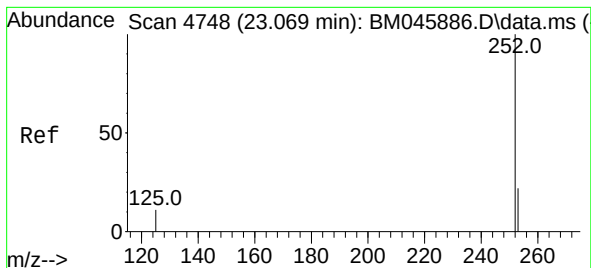
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul m
RT: 22.572 min Scan# 4578
Delta R.T. -0.009 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

Tgt Ion:252 Resp: 26324
Ion Ratio Lower Upper
252 100
253 30.5 25.0 37.6
125 20.1 14.2 21.2





#26

Benzo(a)pyrene

Concen: 0.830 ng/ul

RT: 23.063 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM045898.D

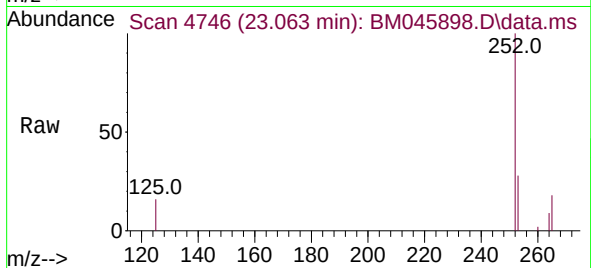
Acq: 08 Jun 2024 01:59

Instrument :

BNA_M

ClientSampleId :

A4C28DL



Tgt Ion:252 Resp: 5010

Ion Ratio Lower Upper

252 100

253 27.7 28.8 43.2

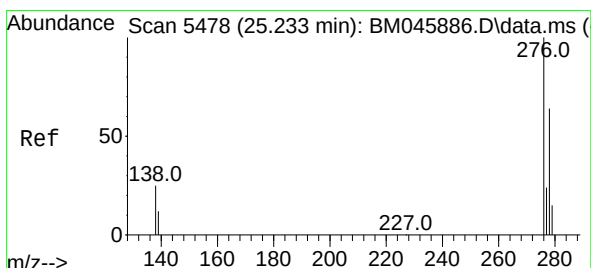
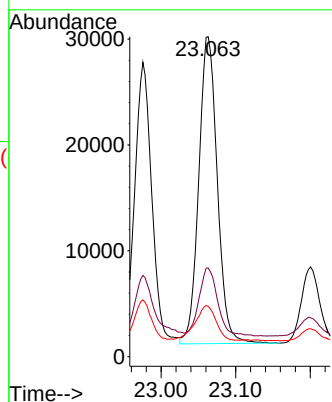
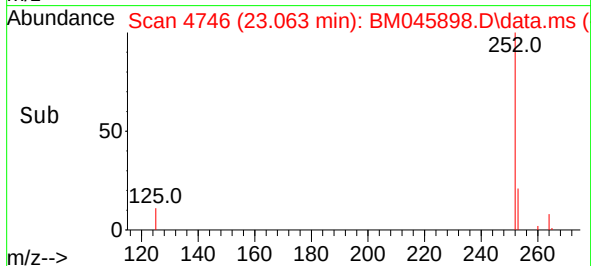
125 15.7 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/13/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.510 ng/ul

RT: 25.219 min Scan# 5474

Delta R.T. -0.013 min

Lab File: BM045898.D

Acq: 08 Jun 2024 01:59

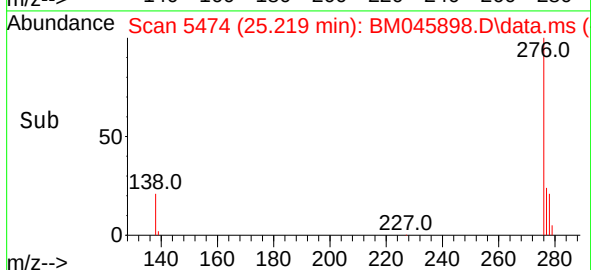
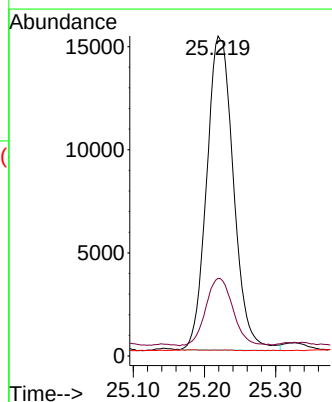
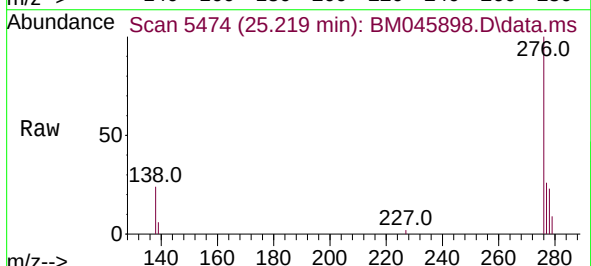
Tgt Ion:276 Resp: 39842

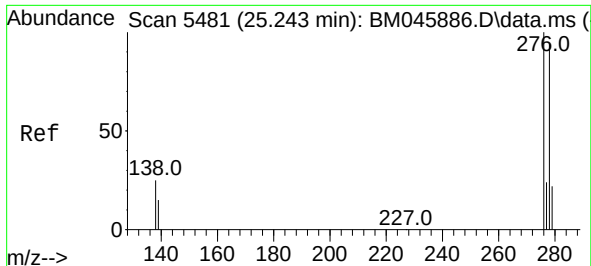
Ion Ratio Lower Upper

276 100

138 21.7 20.7 31.1

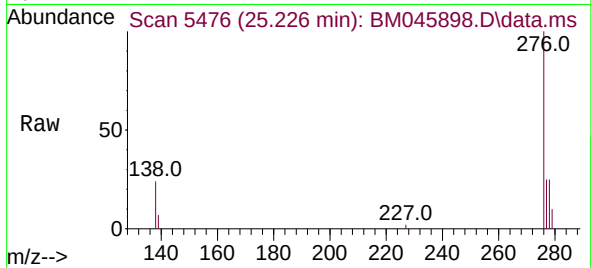
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.176 ng/ul
RT: 25.226 min Scan# 5481
Delta R.T. -0.023 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

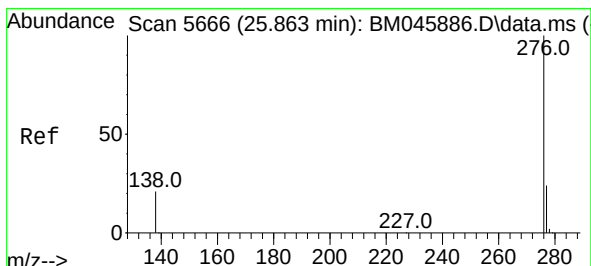
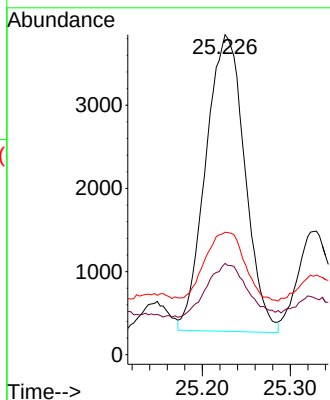
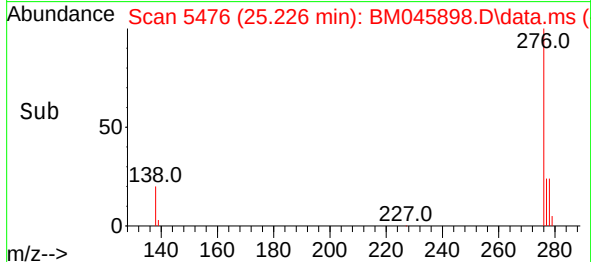
Instrument :
BNA_M
ClientSampleId :
A4C28DL



Tgt Ion:278 Resp: 10990
Ion Ratio Lower Upper
278 100
139 28.5 16.6 25.0
279 38.3 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.640 ng/ul
RT: 25.853 min Scan# 5663
Delta R.T. -0.010 min
Lab File: BM045898.D
Acq: 08 Jun 2024 01:59

Tgt Ion:276 Resp: 43106
Ion Ratio Lower Upper
276 100
138 24.5 21.0 31.4
277 24.7 20.5 30.7

