

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045935.D
 Acq On : 09 Jun 2024 03:10
 Operator : MA/JU
 Sample : P2640-13DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C33DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:31:36 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	7.464	152	5862	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.242	136	18537	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	10198	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	20676	0.400	ng/ul	-0.01
17) Chrysene-d12	21.044	240	17375	0.400	ng/ul	# 0.00
23) Perylene-d12	23.148	264	19105m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	4963	0.743	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.854	152	1103	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.885	212	2386	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.292	128	1274	0.026	ng/ul#	80
10) Acenaphthylene	13.830	152	2970	0.064	ng/ul#	94
11) Acenaphthene	14.172	153	1488	0.044	ng/ul	96
12) Fluorene	15.162	166	1636	0.043	ng/ul#	94
15) Phenanthrene	16.891	178	36352	0.626	ng/ul	100
16) Anthracene	16.984	178	7339	0.148	ng/ul#	95
19) Fluoranthene	18.913	202	84323	1.217	ng/ul	98
20) Pyrene	19.275	202	66229	0.916	ng/ul	97
21) Benzo(a)anthracene	21.026	228	34829	0.546	ng/ul	96
22) Chrysene	21.079	228	43048	0.620	ng/ul	99
24) Benzo(b)fluoranthene	22.528	252	58431m	0.922	ng/ul	
25) Benzo(k)fluoranthene	22.566	252	21082m	0.303	ng/ul	
26) Benzo(a)pyrene	23.055	252	25518	0.405	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.212	276	24197	0.297	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.212	278	6808	0.105	ng/ul#	77
29) Benzo(g,h,i)perylene	25.843	276	4258	0.061	ng/ul#	74

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

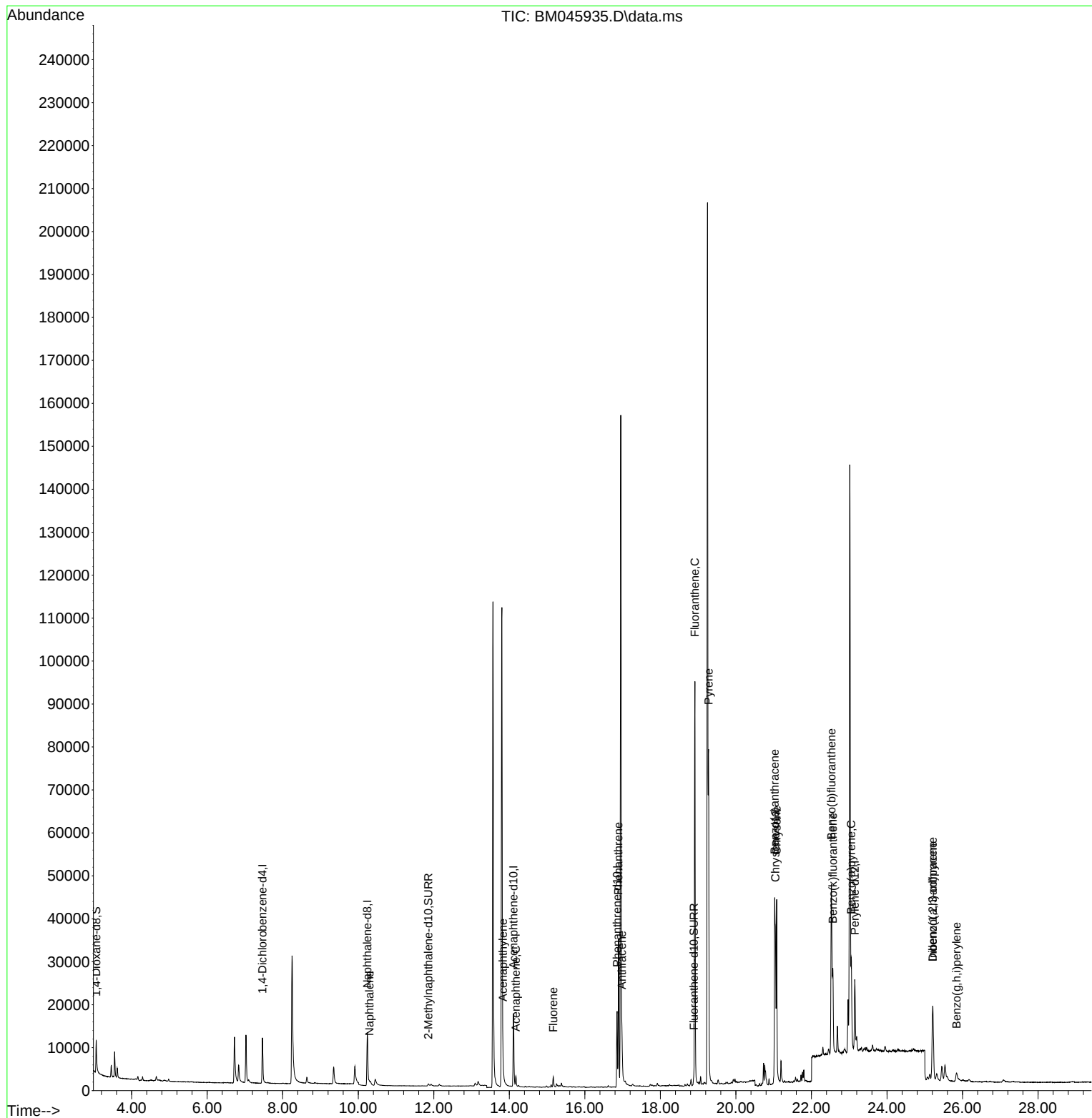
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045935.D
Acq On : 09 Jun 2024 03:10
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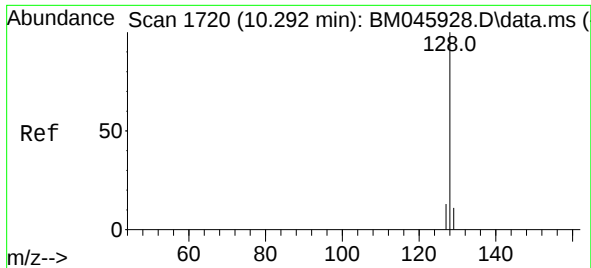
Instrument :
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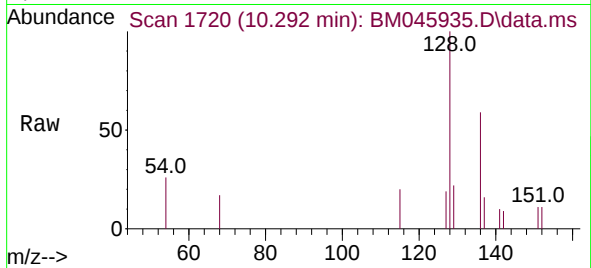
Quant Time: Jun 10 01:31:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.011 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

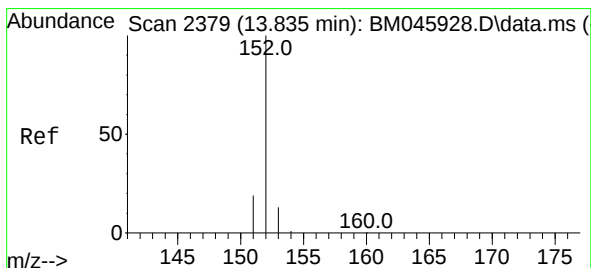
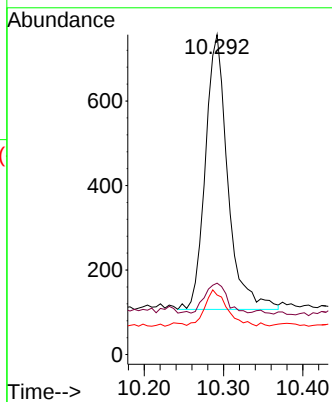
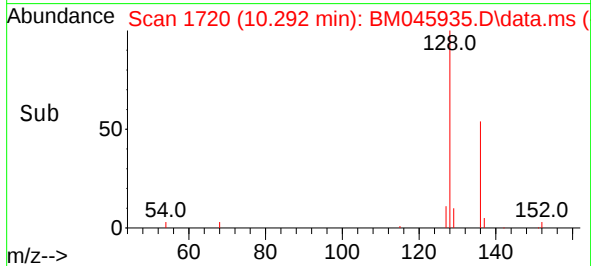
Instrument :
BNA_M
ClientSampleId :
A4C33DL



Tgt Ion:128 Resp: 1274
Ion Ratio Lower Upper
128 100
129 22.3 9.4 14.0
127 18.6 10.6 15.8

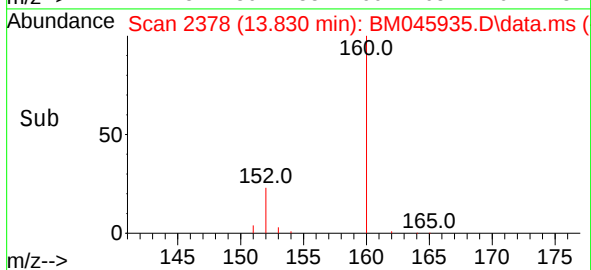
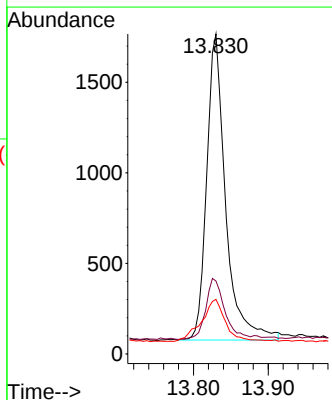
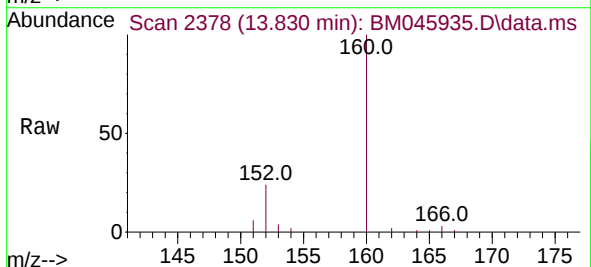
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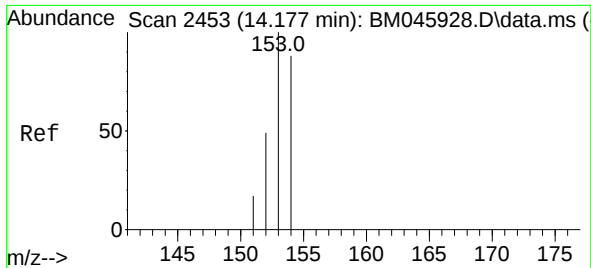
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.009 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

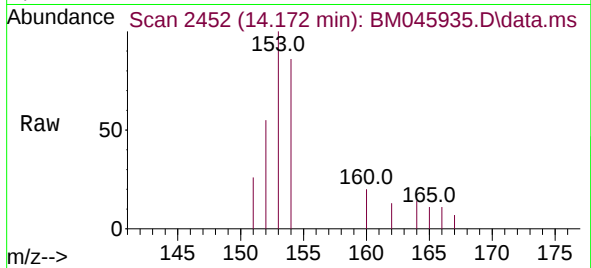
Tgt Ion:152 Resp: 2970
Ion Ratio Lower Upper
152 100
151 22.8 16.4 24.6
153 17.0 11.1 16.7





#11
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.172 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

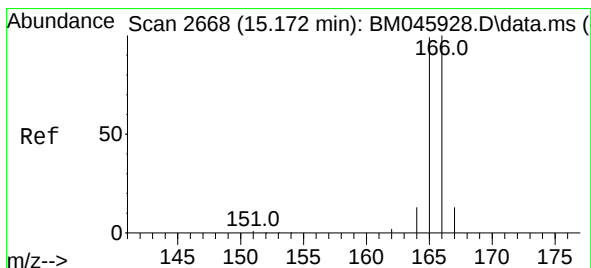
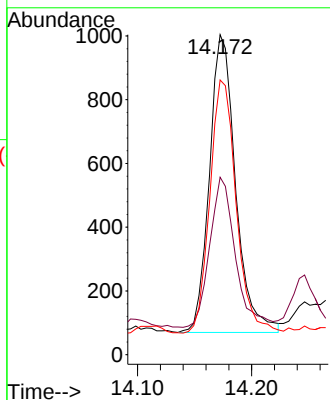
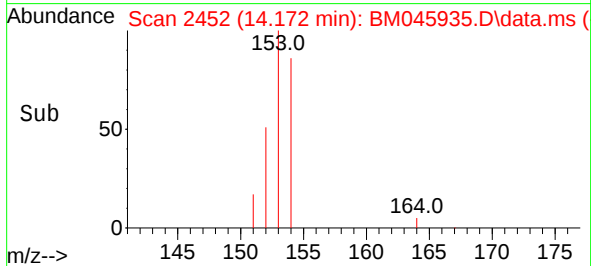
Instrument :
BNA_M
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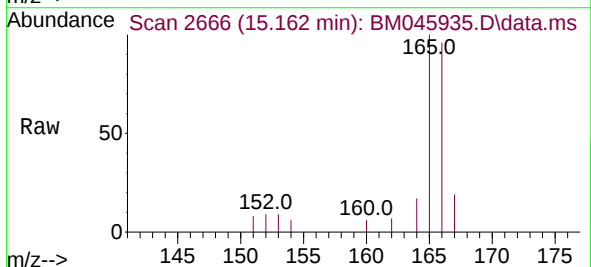
Tgt Ion:153 Resp: 1488
Ion Ratio Lower Upper
153 100
152 55.5 39.0 58.4
154 85.9 69.4 104.2

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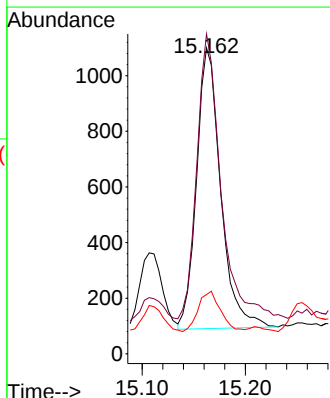
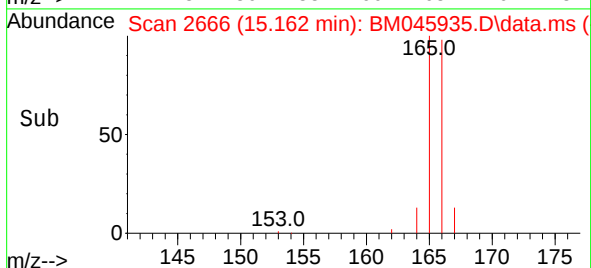
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

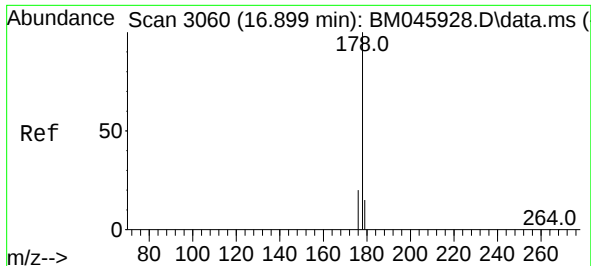


#12
Fluorene
Concen: 0.043 ng/ul
RT: 15.162 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10



Tgt Ion:166 Resp: 1636
Ion Ratio Lower Upper
166 100
165 104.5 79.7 119.5
167 19.4 11.3 16.9#





#15

Phenanthrene

Concen: 0.626 ng/ul

RT: 16.891 min Scan# 3060

Delta R.T. -0.013 min

Lab File: BM045935.D

Acq: 09 Jun 2024 03:10

Instrument :

BNA_M

ClientSampleId :

A4C33DL

Tgt Ion:178 Resp: 3635

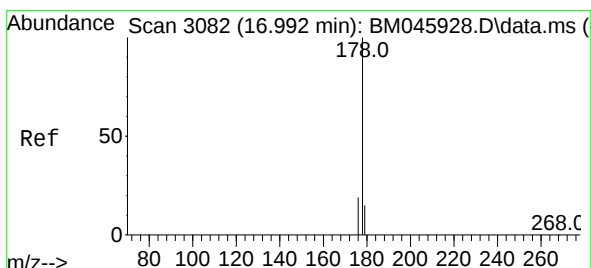
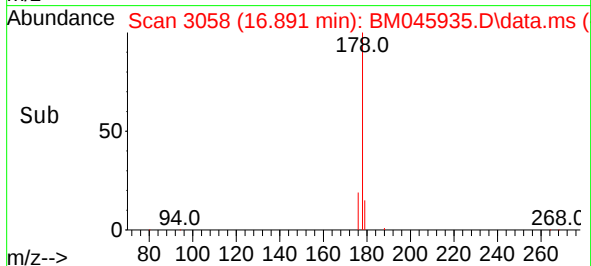
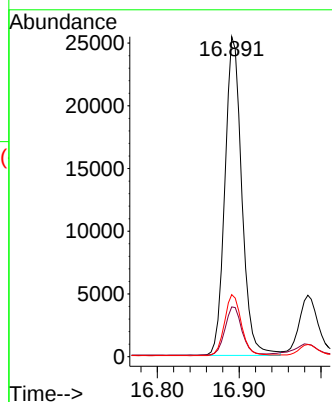
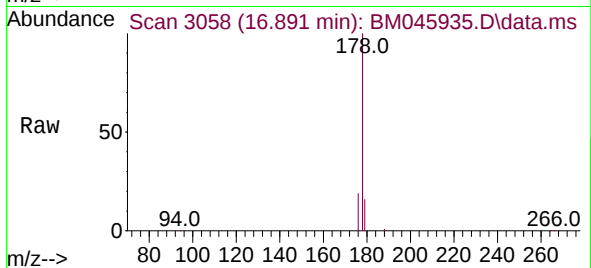
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.7	19.1
176	19.4	15.6	23.4

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2024



#16

Anthracene

Concen: 0.148 ng/ul

RT: 16.984 min Scan# 3080

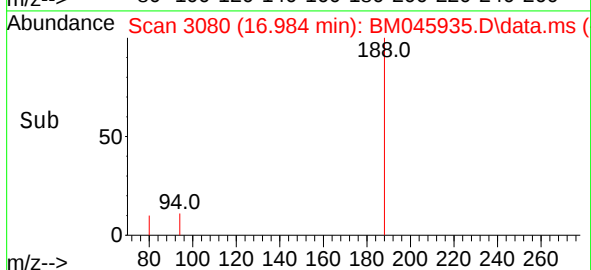
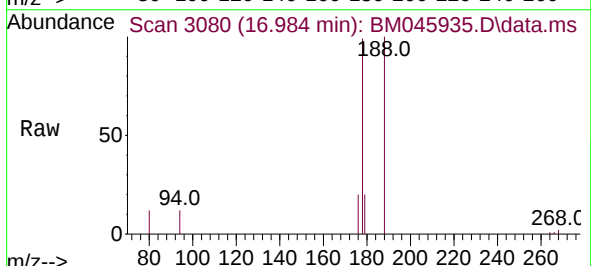
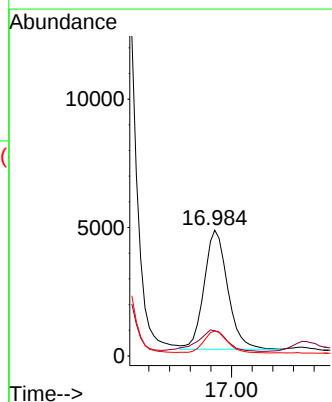
Delta R.T. -0.013 min

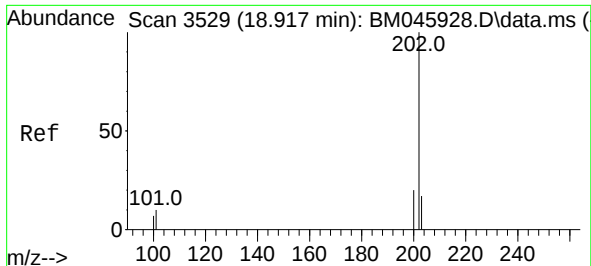
Lab File: BM045935.D

Acq: 09 Jun 2024 03:10

Tgt Ion:178 Resp: 7339

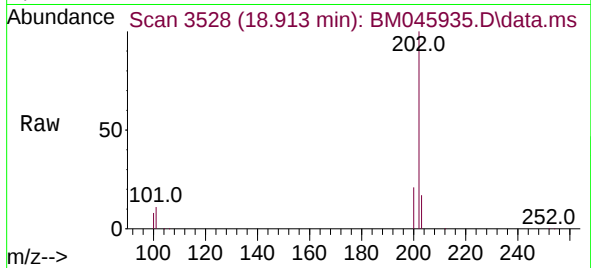
Ion	Ratio	Lower	Upper
178	100		
179	20.1	13.1	19.7#
176	19.8	15.5	23.3





#19
Fluoranthene
Concen: 1.217 ng/ul
RT: 18.913 min Scan# 3528
Delta R.T. -0.009 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

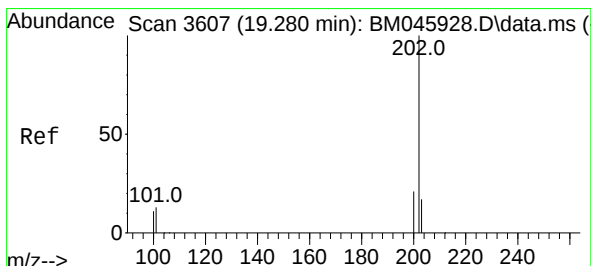
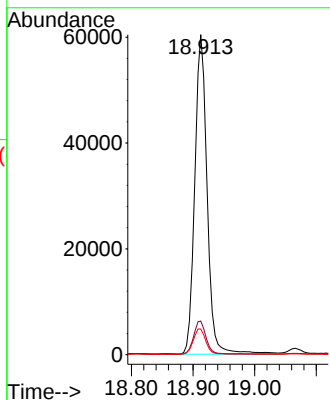
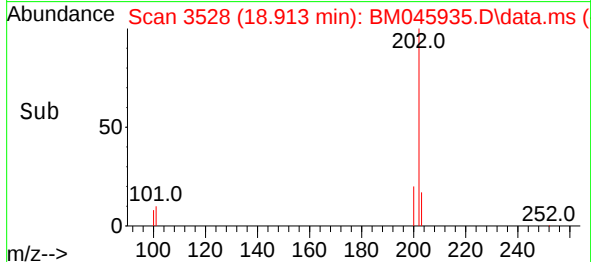
Instrument :
BNA_M
ClientSampleId :
A4C33DL



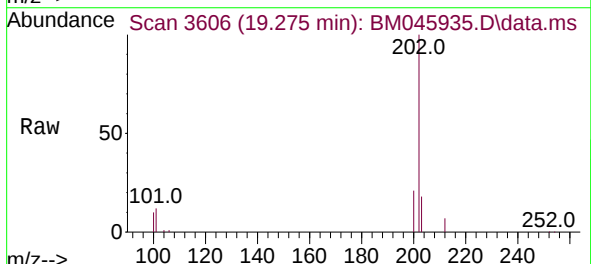
Tgt Ion:202 Resp: 8432
Ion Ratio Lower Upper
202 100
101 10.5 9.0 13.6
100 8.0 7.0 10.6

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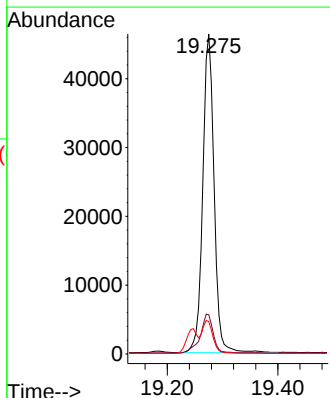
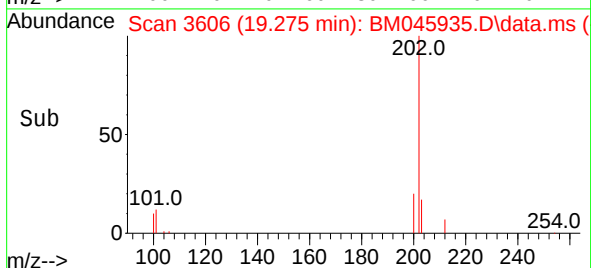
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

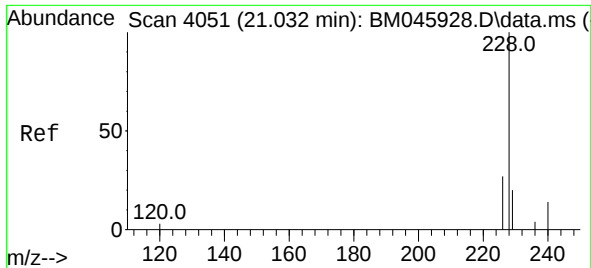


#20
Pyrene
Concen: 0.916 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.009 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10



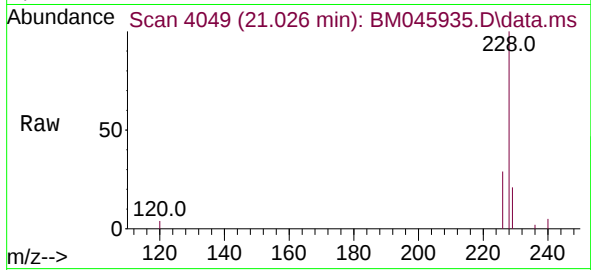
Tgt Ion:202 Resp: 66229
Ion Ratio Lower Upper
202 100
101 12.2 10.6 16.0
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.546 ng/ul
RT: 21.026 min Scan# 4049
Delta R.T. -0.009 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

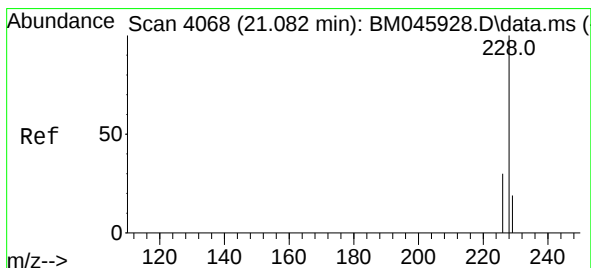
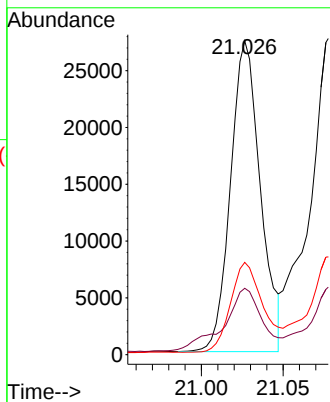
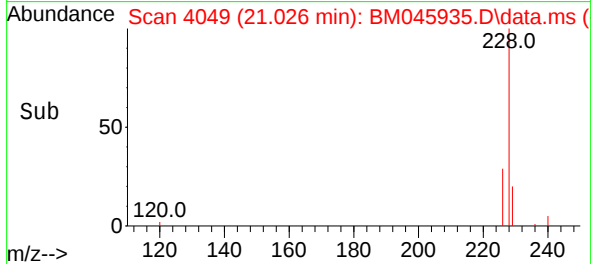
Instrument :
BNA_M
ClientSampleId :
A4C33DL



Tgt Ion:228 Resp: 34829
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 29.4 22.0 33.0

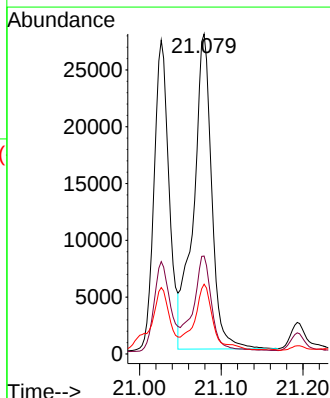
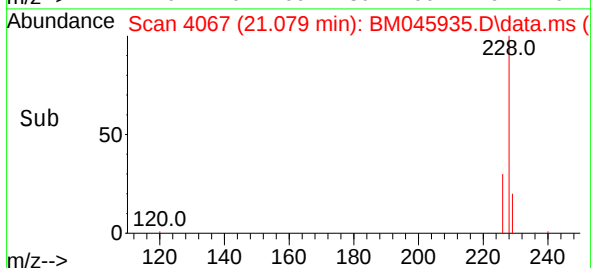
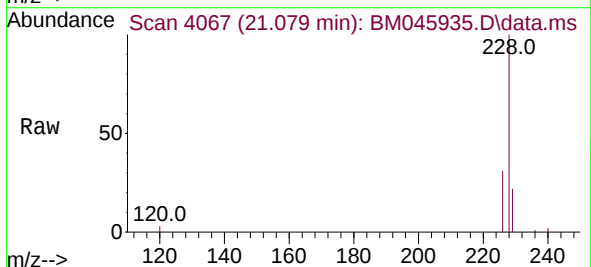
Manual Integrations
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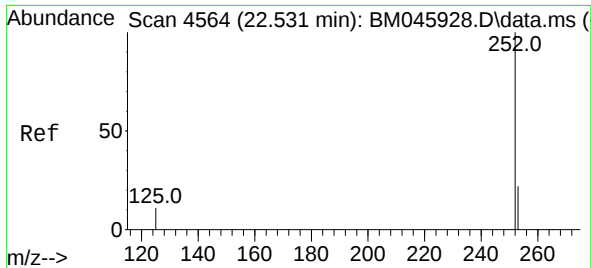
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.620 ng/ul
RT: 21.079 min Scan# 4067
Delta R.T. -0.009 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

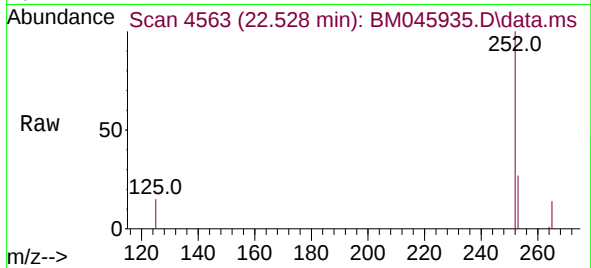
Tgt Ion:228 Resp: 43048
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 21.8 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.922 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

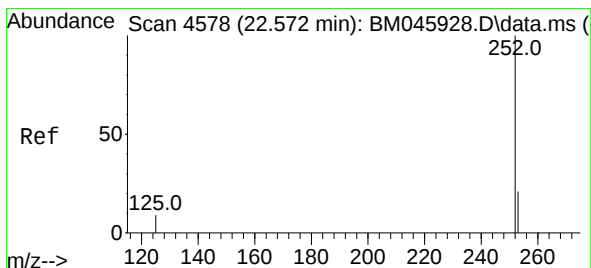
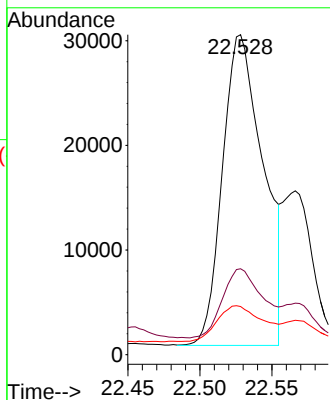
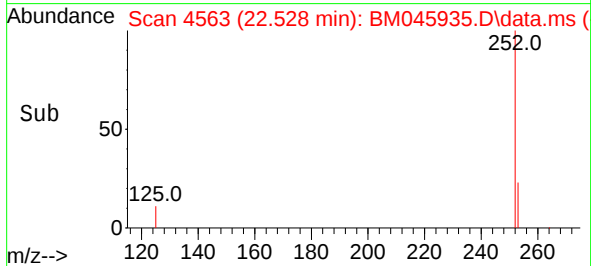
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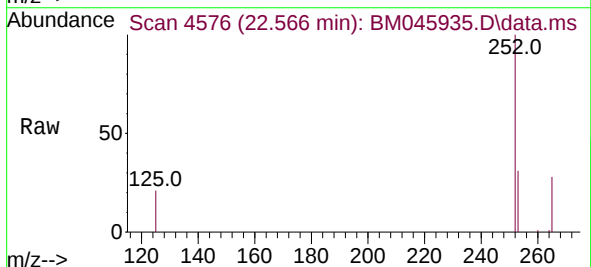
Tgt Ion:252 Resp: 5843
Ion Ratio Lower Upper
252 100
253 26.9 0.0 63.6
125 15.0 0.0 35.8

Manual Integrations
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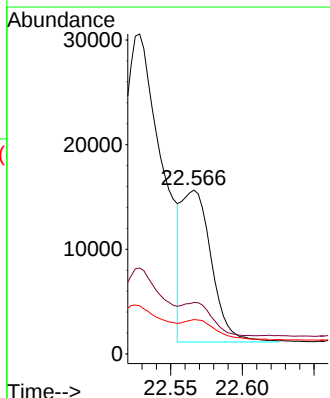
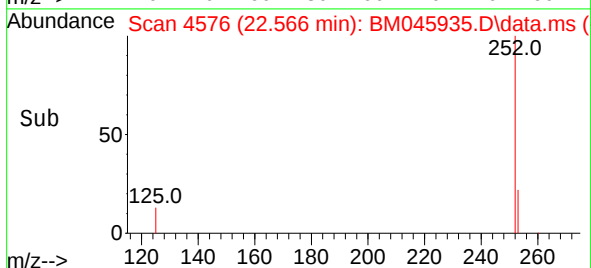
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

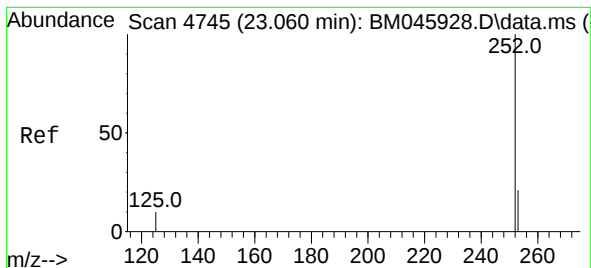


#25
Benzo(k)fluoranthene
Concen: 0.303 ng/ul m
RT: 22.566 min Scan# 4576
Delta R.T. -0.015 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10



Tgt Ion:252 Resp: 21082
Ion Ratio Lower Upper
252 100
253 31.4 25.0 37.6
125 21.0 14.2 21.2





#26

Benzo(a)pyrene

Concen: 0.405 ng/ul

RT: 23.055 min Scan# 4745

Delta R.T. -0.017 min

Lab File: BM045935.D

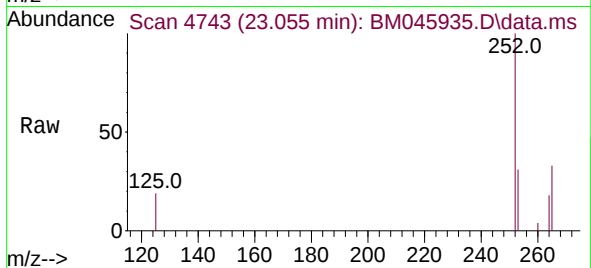
Acq: 09 Jun 2024 03:10

Instrument :

BNA_M

ClientSampleId :

A4C33DL



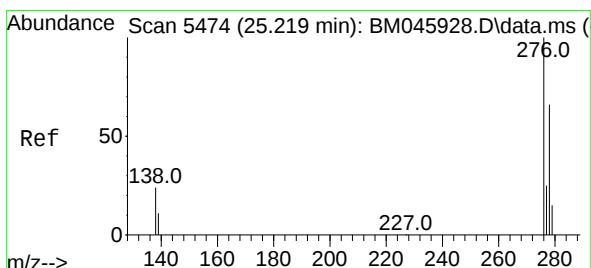
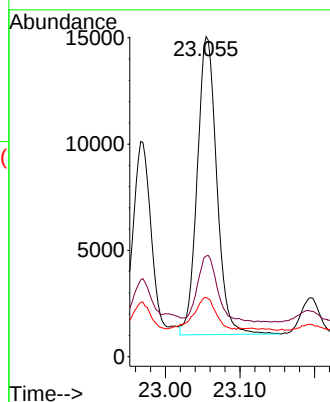
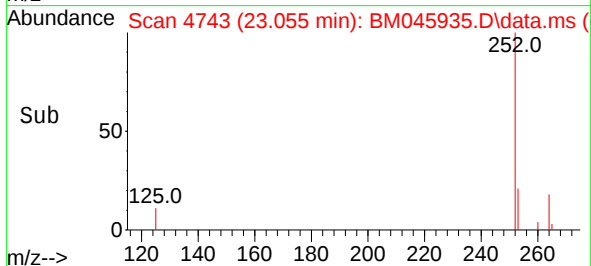
Tgt Ion:	252	Resp:	25518
Ion Ratio	Lower	Upper	
252	100		
253	31.5	28.8	43.2
125	18.5	17.3	25.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/13/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.297 ng/ul

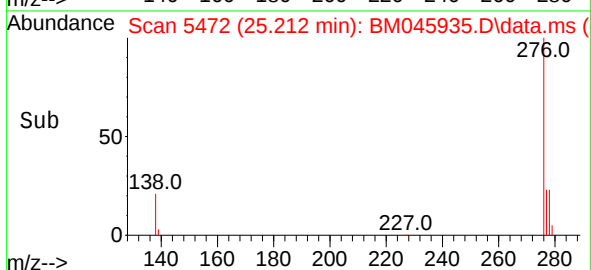
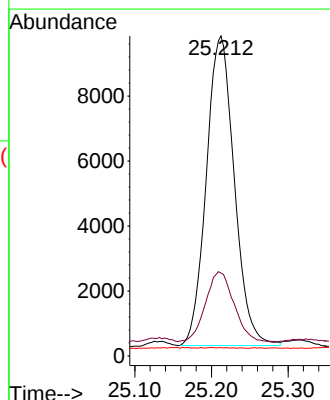
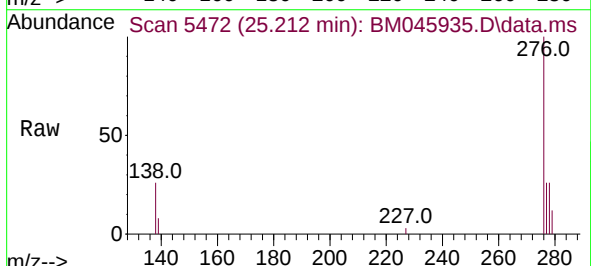
RT: 25.212 min Scan# 5472

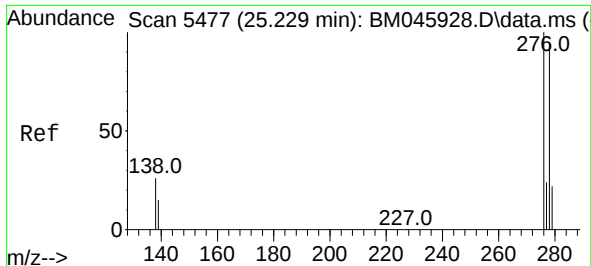
Delta R.T. -0.020 min

Lab File: BM045935.D

Acq: 09 Jun 2024 03:10

Tgt Ion:	276	Resp:	24197
Ion Ratio	Lower	Upper	
276	100		
138	23.3	20.7	31.1
227	0.2	0.2	0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.105 ng/ul

RT: 25.212 min Scan# 5477

Delta R.T. -0.036 min

Lab File: BM045935.D

Acq: 09 Jun 2024 03:10

Instrument :

BNA_M

ClientSampleId :

A4C33DL

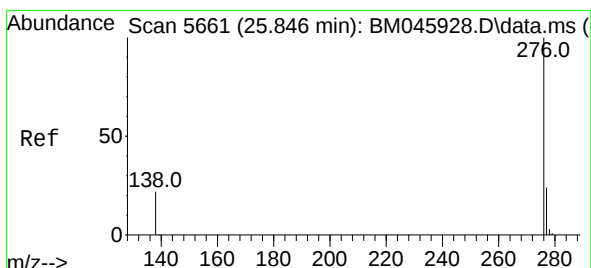
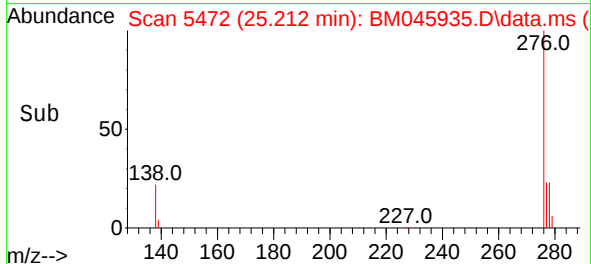
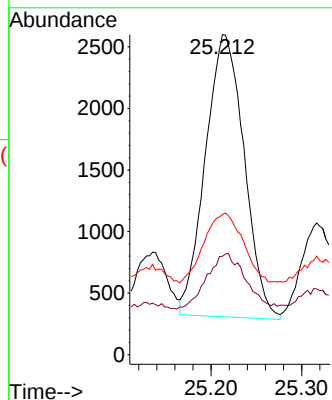
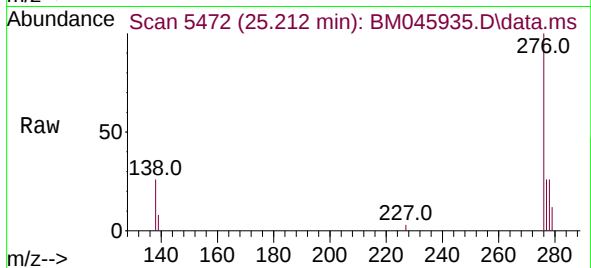
Tgt Ion:278 Resp: 6808
 Ion Ratio Lower Upper
 278 100
 139 30.7 16.6 25.0#
 279 43.8 24.6 37.0#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/13/2024



#29

Benzo(g,h,i)perylene

Concen: 0.061 ng/ul

RT: 25.843 min Scan# 5660

Delta R.T. -0.020 min

Lab File: BM045935.D

Acq: 09 Jun 2024 03:10

Tgt Ion:276 Resp: 4258
 Ion Ratio Lower Upper
 276 100
 138 41.6 21.0 31.4#
 277 36.5 20.5 30.7#

