

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045931.D
 Acq On : 09 Jun 2024 00:44
 Operator : MA/JU
 Sample : P2640-02DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BG8DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 10 01:30:55 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	7.468	152	5904	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.242	136	19175	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	10100	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	18416	0.400	ng/ul	-0.01
17) Chrysene-d12	21.044	240	13609	0.400	ng/ul	0.00
23) Perylene-d12	23.154	264	14995m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	6779	1.008	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.854	152	1461	0.053	ng/ul	0.00
18) Fluoranthene-d10	18.885	212	2580	0.063	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.292	128	1166	0.023	ng/ul#	76
10) Acenaphthylene	13.830	152	1924	0.042	ng/ul#	86
11) Acenaphthene	14.172	153	1300	0.039	ng/ul	96
12) Fluorene	15.167	166	1405	0.037	ng/ul#	97
15) Phenanthrene	16.895	178	26771	0.518	ng/ul	100
16) Anthracene	16.988	178	4477	0.102	ng/ul#	94
19) Fluoranthene	18.912	202	46704	0.861	ng/ul	99
20) Pyrene	19.275	202	37341	0.660	ng/ul	99
21) Benzo(a)anthracene	21.029	228	19927	0.399	ng/ul	97
22) Chrysene	21.079	228	22822	0.420	ng/ul	98
24) Benzo(b)fluoranthene	22.531	252	30212m	0.607	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	11053m	0.202	ng/ul	
26) Benzo(a)pyrene	23.060	252	11843	0.239	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.216	276	12080	0.189	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.226	278	3602	0.070	ng/ul#	56
29) Benzo(g,h,i)perylene	25.846	276	1983	0.036	ng/ul#	49

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

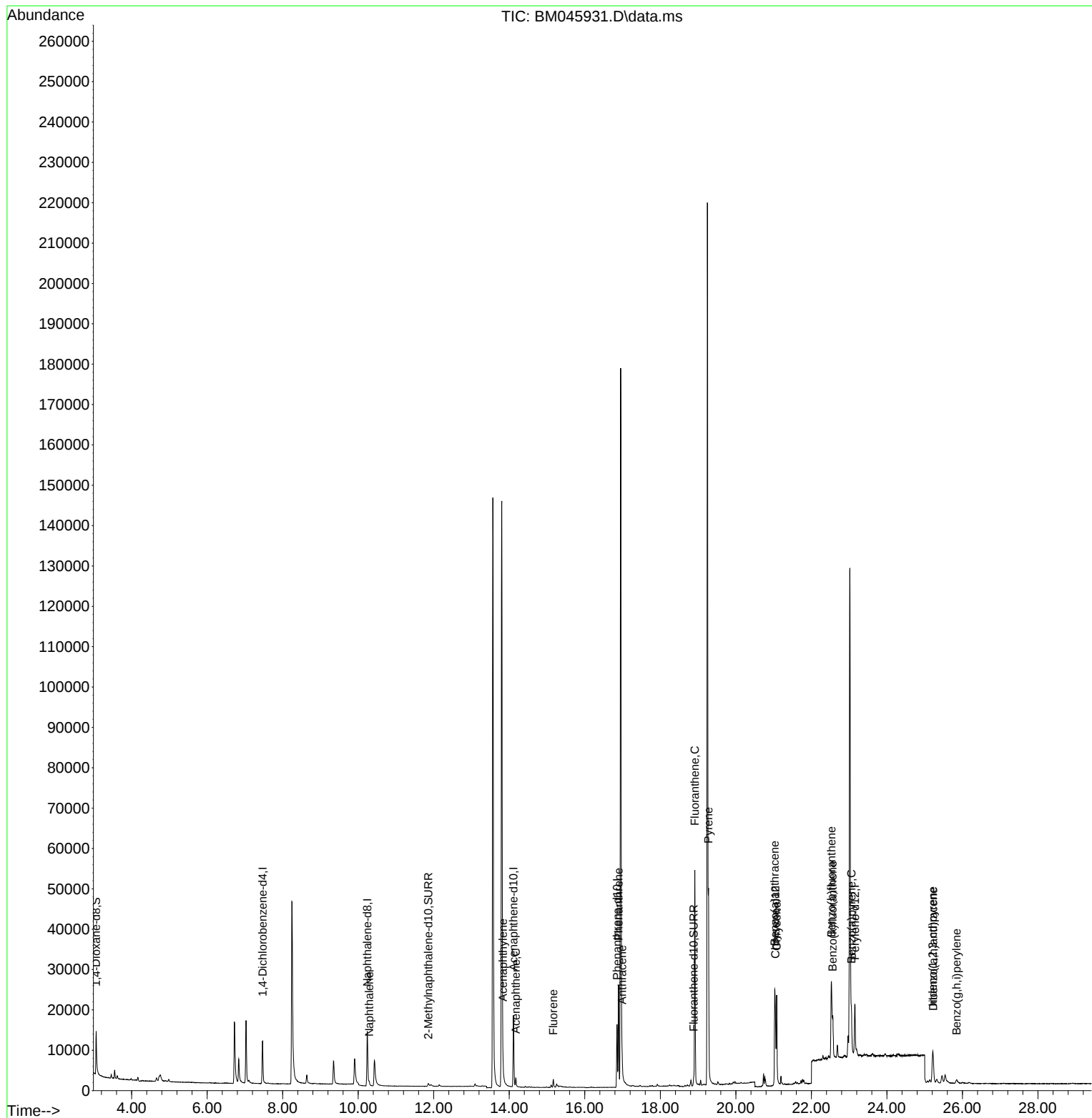
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045931.D
Acq On : 09 Jun 2024 00:44
Operator : MA/JU
Sample : P2640-02DL 5X
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ALS Vial : 60 Sample Multiplier: 1

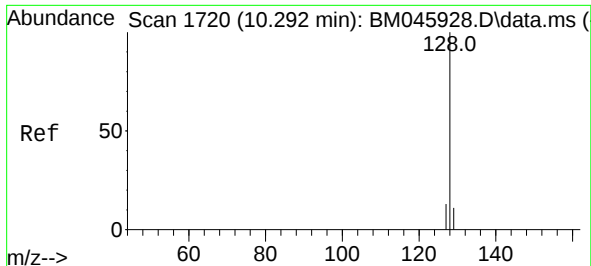
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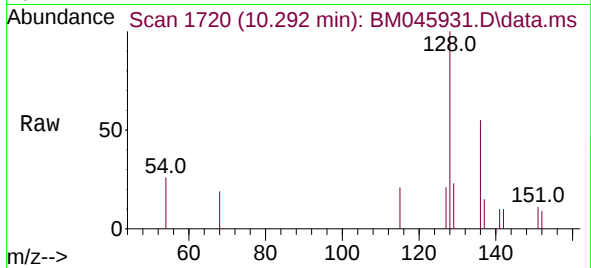
Quant Time: Jun 10 01:30:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.292 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44

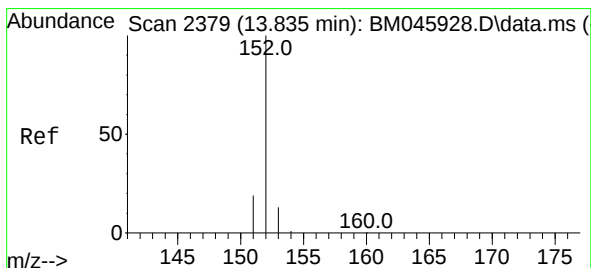
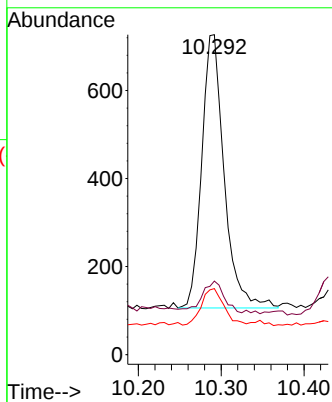
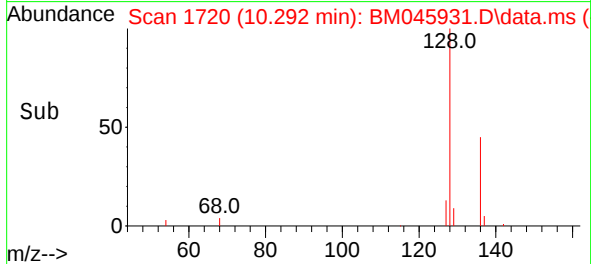
Instrument :
BNA_M
ClientSampleId :
A4BG8DL



Tgt Ion:128 Resp: 1160
Ion Ratio Lower Upper
128 100
129 23.0 9.4 14.0#
127 20.6 10.6 15.8#

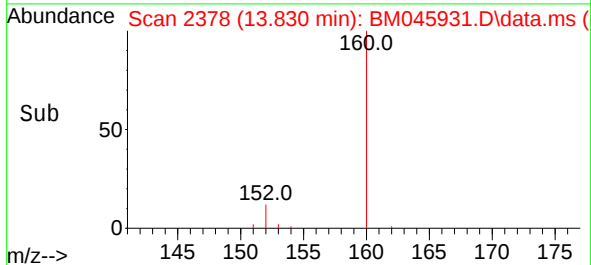
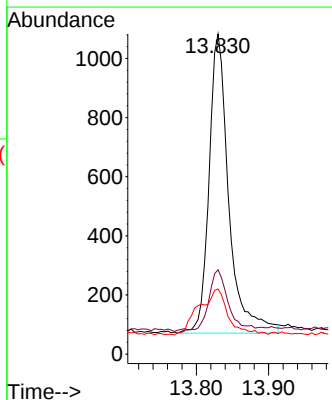
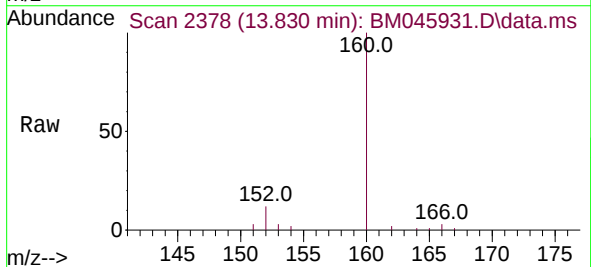
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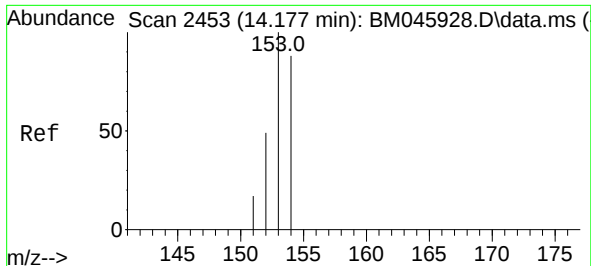
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.009 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44

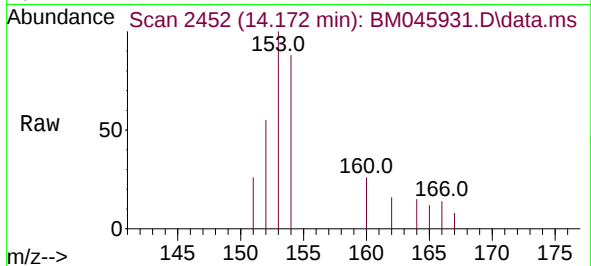
Tgt Ion:152 Resp: 1924
Ion Ratio Lower Upper
152 100
151 26.3 16.4 24.6#
153 20.3 11.1 16.7#





#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.172 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44

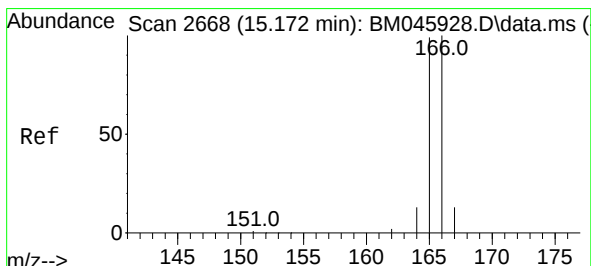
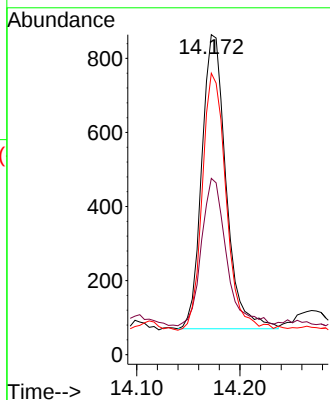
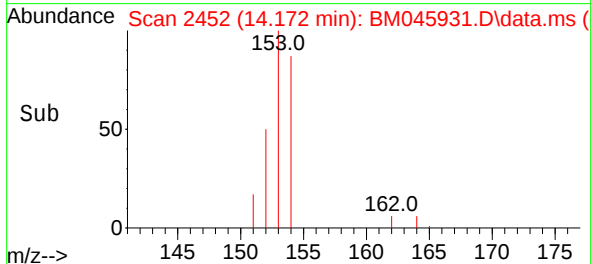
Instrument :
BNA_M
ClientSampleId :
A4BG8DL



Tgt Ion:153 Resp: 1300
Ion Ratio Lower Upper
153 100
152 55.1 39.0 58.4
154 88.0 69.4 104.2

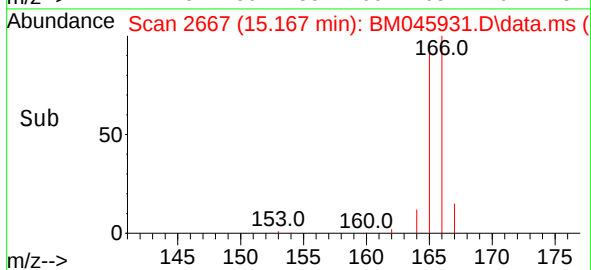
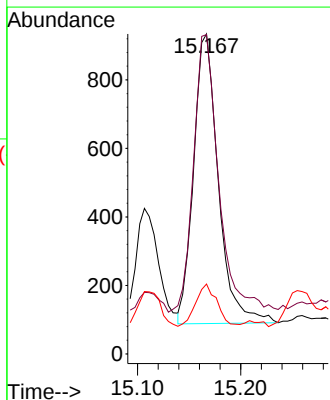
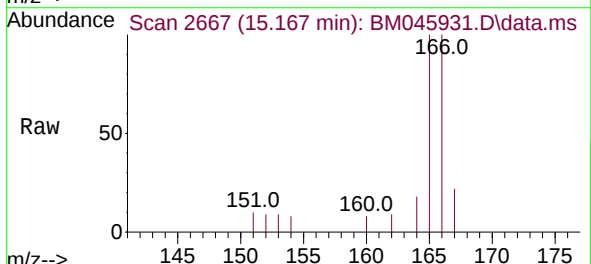
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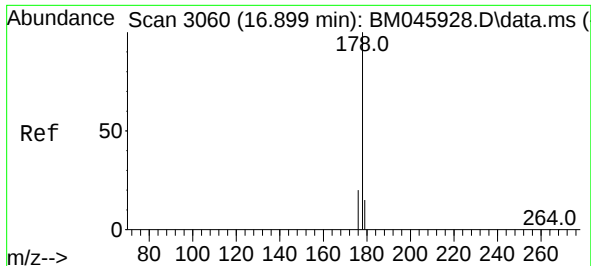
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.167 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44

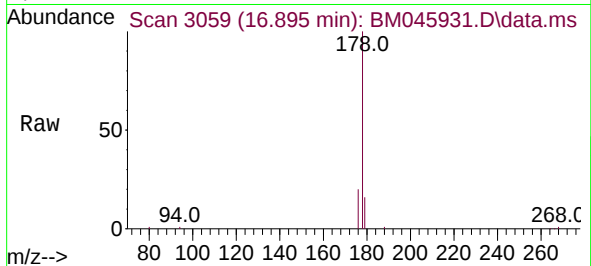
Tgt Ion:166 Resp: 1405
Ion Ratio Lower Upper
166 100
165 99.8 79.7 119.5
167 21.8 11.3 16.9#





#15
Phenanthrene
Concen: 0.518 ng/ul
RT: 16.895 min Scan# 3060
Delta R.T. -0.009 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44

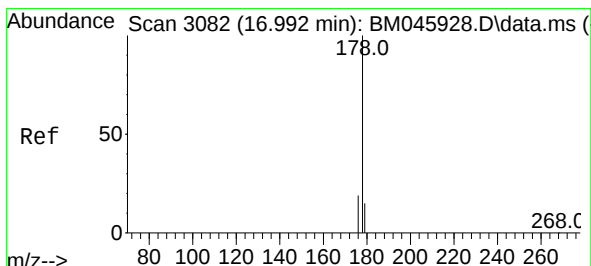
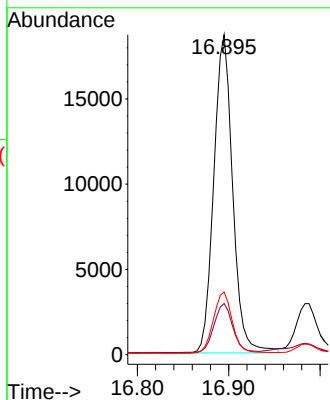
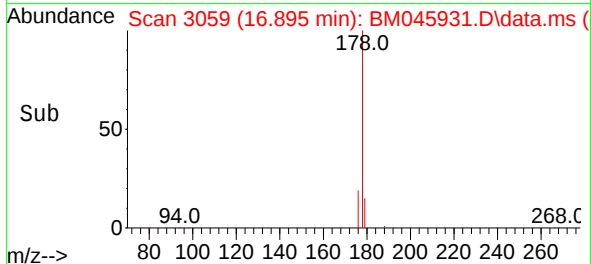
Instrument :
BNA_M
ClientSampleId :
A4BG8DL



Tgt Ion:178 Resp: 2677
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.6 15.6 23.4

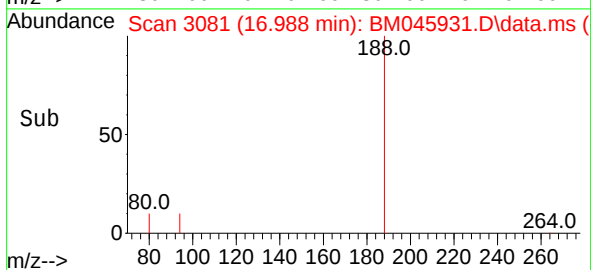
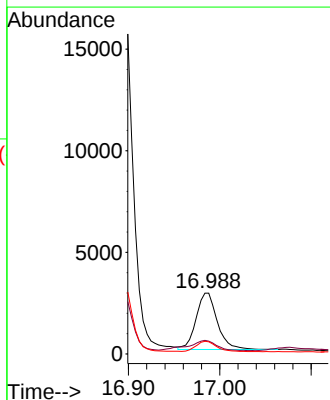
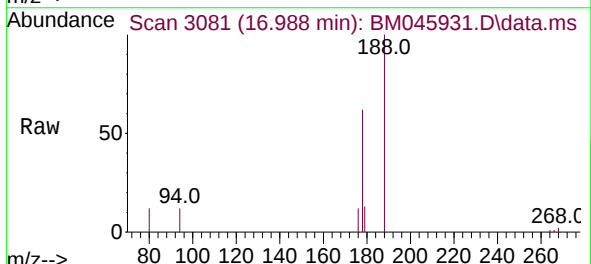
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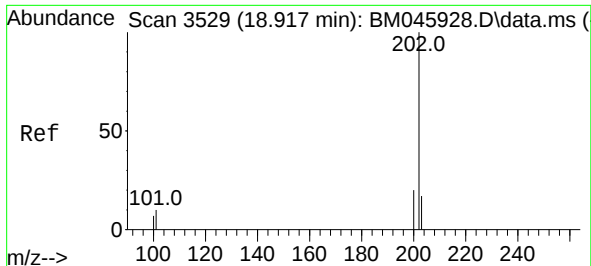
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.102 ng/ul
RT: 16.988 min Scan# 3081
Delta R.T. -0.009 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44

Tgt Ion:178 Resp: 4477
Ion Ratio Lower Upper
178 100
179 21.0 13.1 19.7#
176 19.9 15.5 23.3





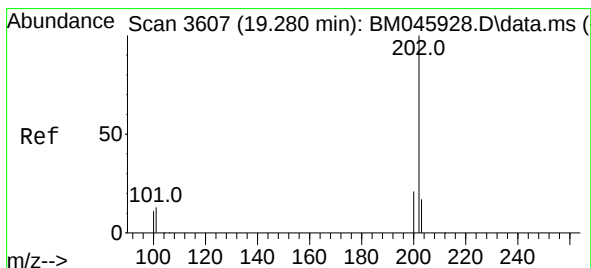
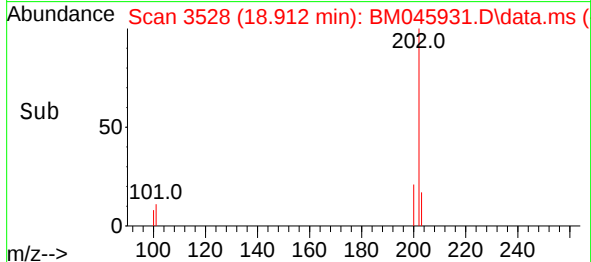
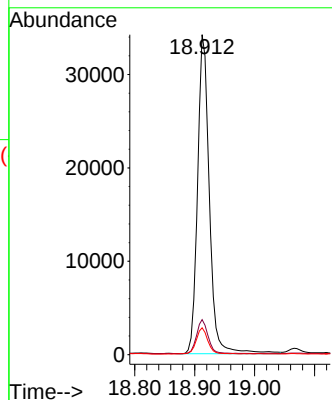
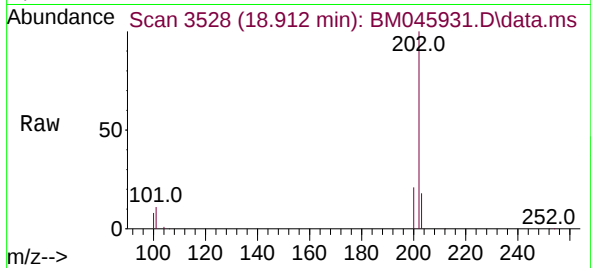
#19
Fluoranthene
Concen: 0.861 ng/ul
RT: 18.912 min Scan# 3529
Delta R.T. -0.009 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44

Instrument :
BNA_M
ClientSampleId :
A4BG8DL

Tgt Ion:202 Resp: 46704
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.6
100 8.4 7.0 10.6

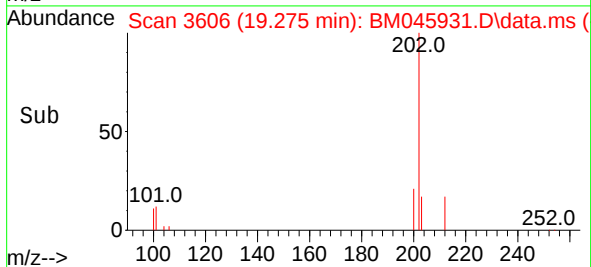
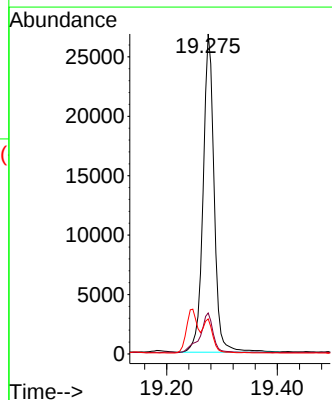
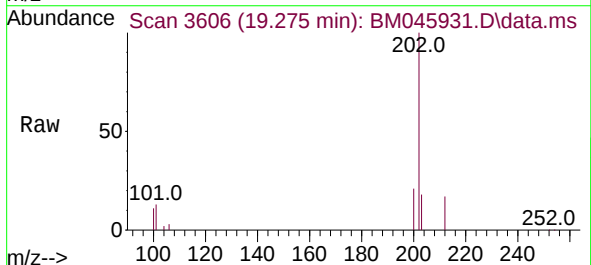
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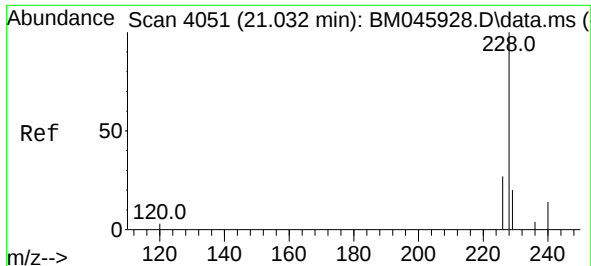
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 0.660 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.009 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44

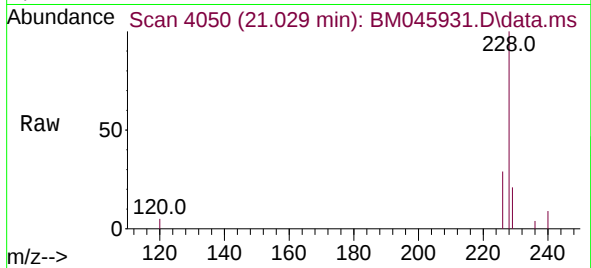
Tgt Ion:202 Resp: 37341
Ion Ratio Lower Upper
202 100
101 12.8 10.6 16.0
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.029 min Scan# 4051
Delta R.T. -0.006 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44

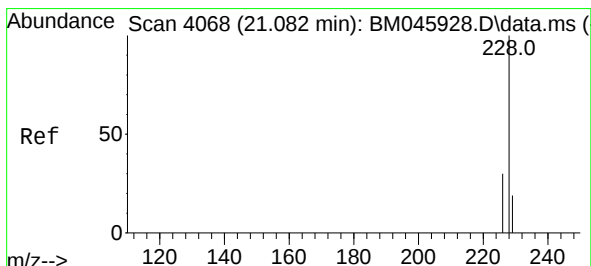
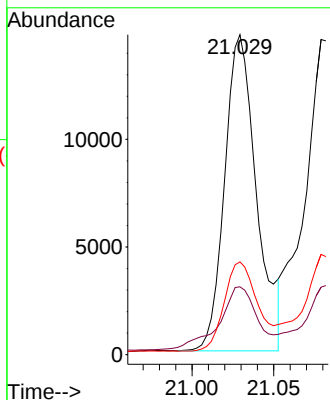
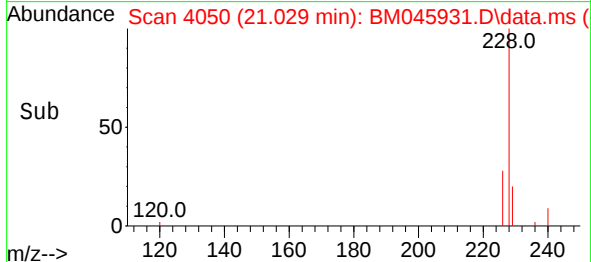
Instrument :
BNA_M
ClientSampleId :
A4BG8DL



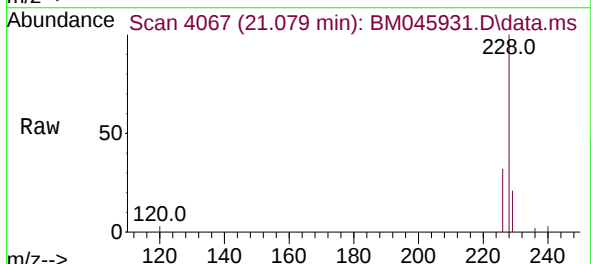
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Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 29.0 22.0 33.0

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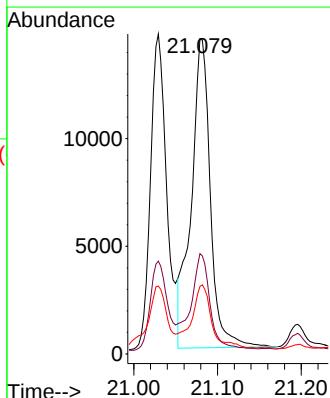
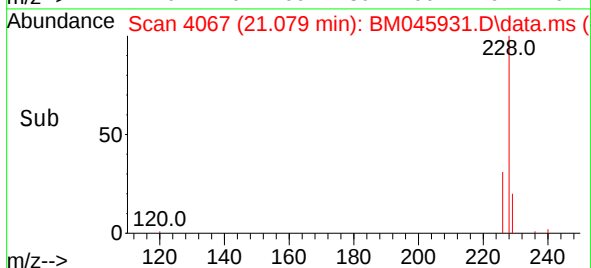
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

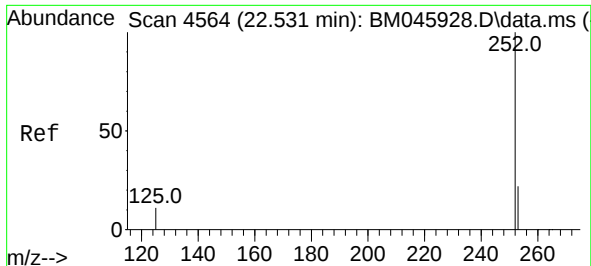


#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.079 min Scan# 4067
Delta R.T. -0.009 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44



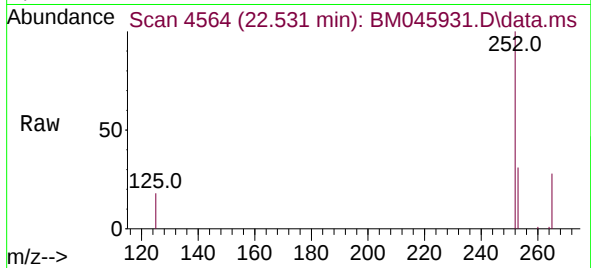
Tgt Ion:228 Resp: 22822
Ion Ratio Lower Upper
228 100
226 31.9 24.5 36.7
229 21.4 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.607 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44

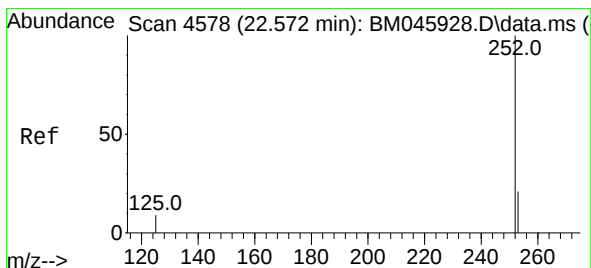
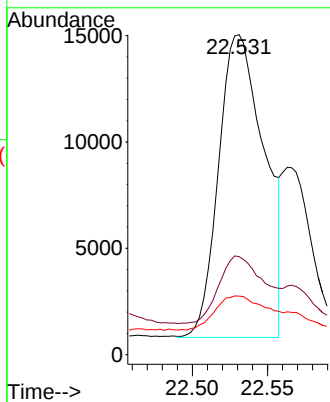
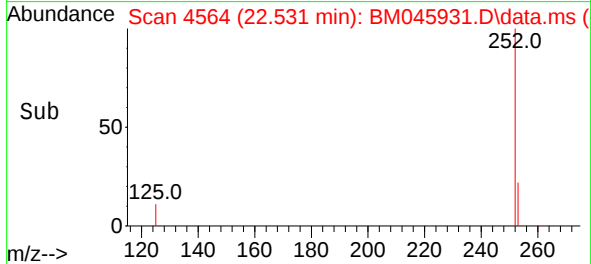
Instrument :
BNA_M
ClientSampleId :
A4BG8DL



Tgt Ion:252 Resp: 3021
Ion Ratio Lower Upper
252 100
253 30.7 0.0 63.6
125 18.3 0.0 35.8

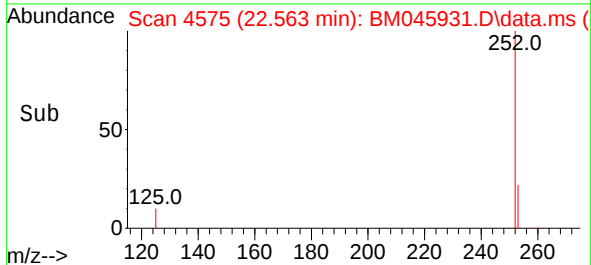
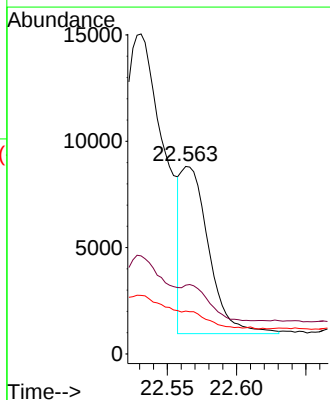
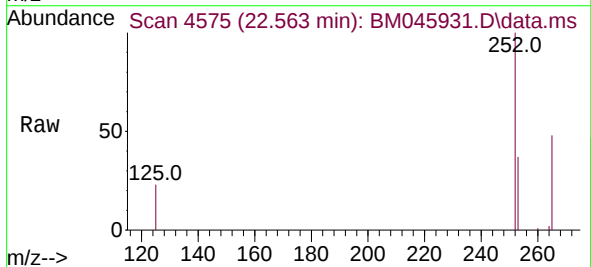
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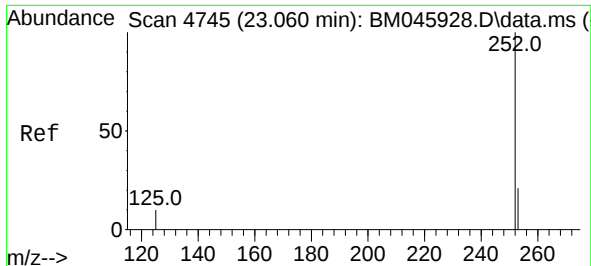
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.202 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.018 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44

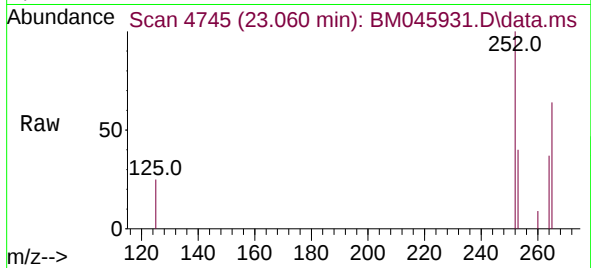
Tgt Ion:252 Resp: 11053
Ion Ratio Lower Upper
252 100
253 36.7 25.0 37.6
125 22.9 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 0.239 ng/ul
RT: 23.060 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44

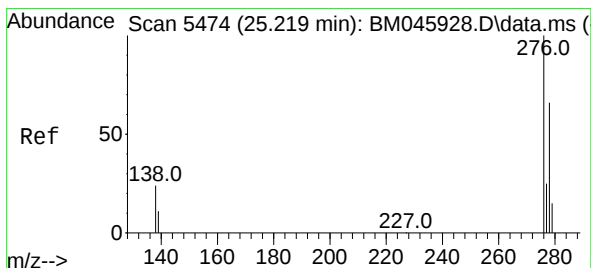
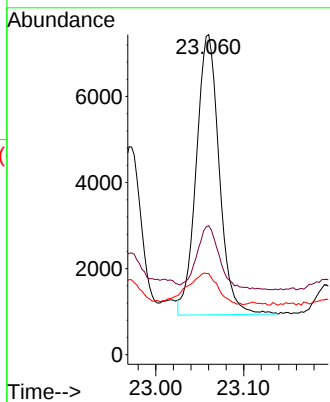
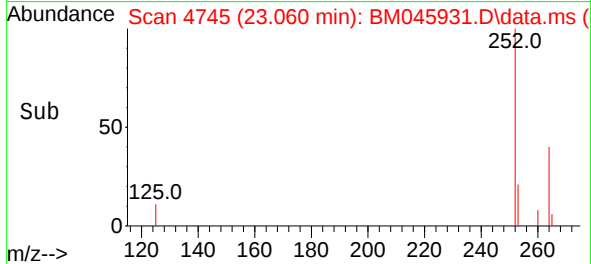
Instrument :
BNA_M
ClientSampleId :
A4BG8DL



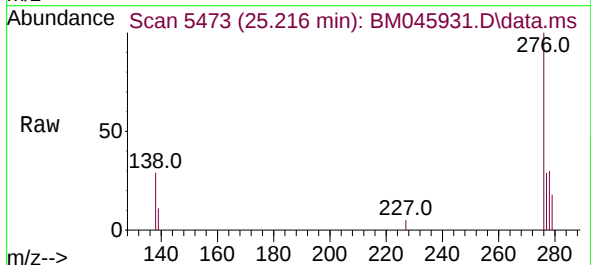
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253 40.3 28.8 43.2
125 25.3 17.3 25.9

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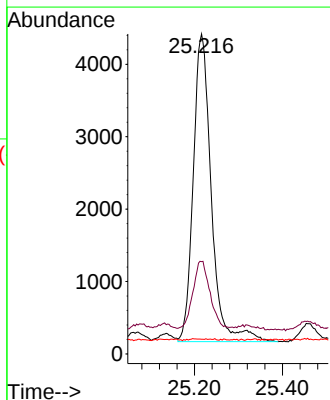
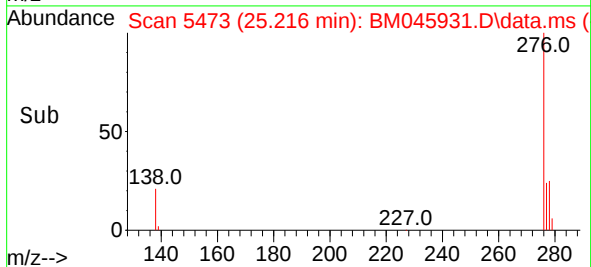
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

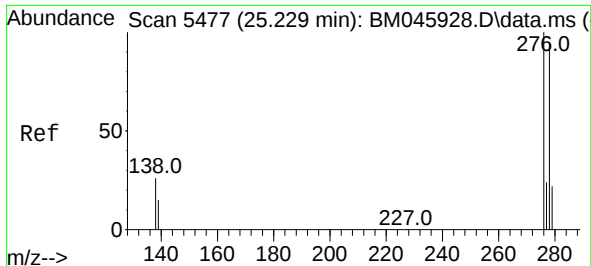


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.189 ng/ul
RT: 25.216 min Scan# 5473
Delta R.T. -0.016 min
Lab File: BM045931.D
Acq: 09 Jun 2024 00:44



Tgt Ion:276 Resp: 12080
Ion Ratio Lower Upper
276 100
138 20.5 20.7 31.1#
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.070 ng/ul

RT: 25.226 min Scan# 5477

Delta R.T. -0.023 min

Lab File: BM045931.D

Acq: 09 Jun 2024 00:44

Instrument :

BNA_M

ClientSampleId :

A4BG8DL

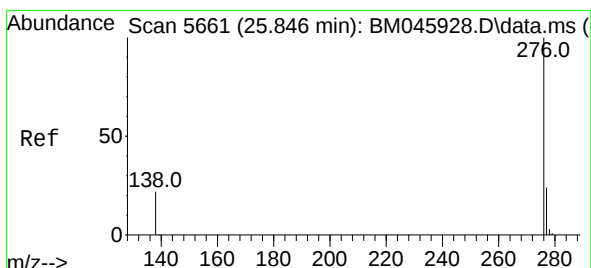
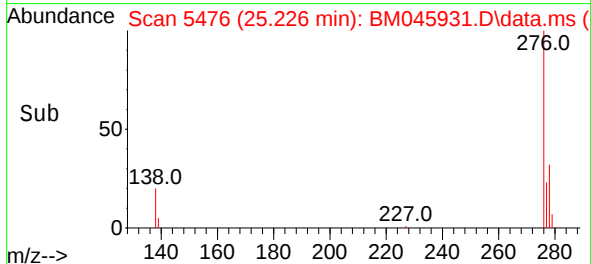
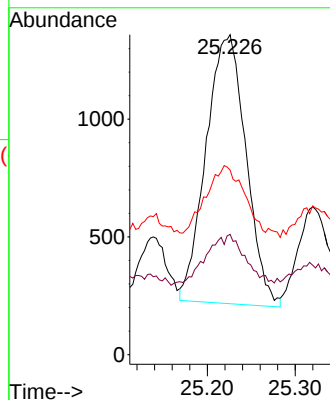
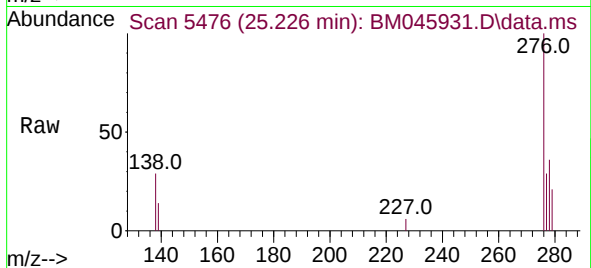
Tgt Ion:278 Resp: 3602
 Ion Ratio Lower Upper
 278 100
 139 37.6 16.6 25.0#
 279 57.7 24.6 37.0#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/13/2024



#29

Benzo(g,h,i)perylene

Concen: 0.036 ng/ul

RT: 25.846 min Scan# 5661

Delta R.T. -0.016 min

Lab File: BM045931.D

Acq: 09 Jun 2024 00:44

Tgt Ion:276 Resp: 1983
 Ion Ratio Lower Upper
 276 100
 138 58.7 21.0 31.4#
 277 44.6 20.5 30.7#

