

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045899.D
 Acq On : 08 Jun 2024 02:36
 Operator : MA/JU
 Sample : P2586-15DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C29DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 08 03:07:27 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	6790	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.243	136	23370	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.117	164	12613	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188	23795	0.400	ng/ul	0.00
17) Chrysene-d12	21.050	240	17489	0.400	ng/ul	0.00
23) Perylene-d12	23.157	264	18545m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	5175	0.669	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.848	152	1478	0.044	ng/ul	0.00
18) Fluoranthene-d10	18.890	212	2563	0.049	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.177	153	1255	0.030	ng/ul	95
12) Fluorene	15.167	166	1702	0.036	ng/ul#	96
15) Phenanthrene	16.900	178	23062	0.345	ng/ul	99
16) Anthracene	16.988	178	4978	0.087	ng/ul#	93
19) Fluoranthene	18.917	202	40849	0.586	ng/ul	98
20) Pyrene	19.280	202	35140	0.483	ng/ul	98
21) Benzo(a)anthracene	21.033	228	22819	0.355	ng/ul	98
22) Chrysene	21.082	228	25262	0.361	ng/ul	98
24) Benzo(b)fluoranthene	22.534	252	43909m	0.714	ng/ul	
25) Benzo(k)fluoranthene	22.569	252	15820m	0.234	ng/ul	
26) Benzo(a)pyrene	23.064	252	28180	0.461	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.219	276	26581	0.336	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.219	278	7047	0.111	ng/ul#	72
29) Benzo(g,h,i)perylene	25.850	276	30108	0.441	ng/ul	99

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

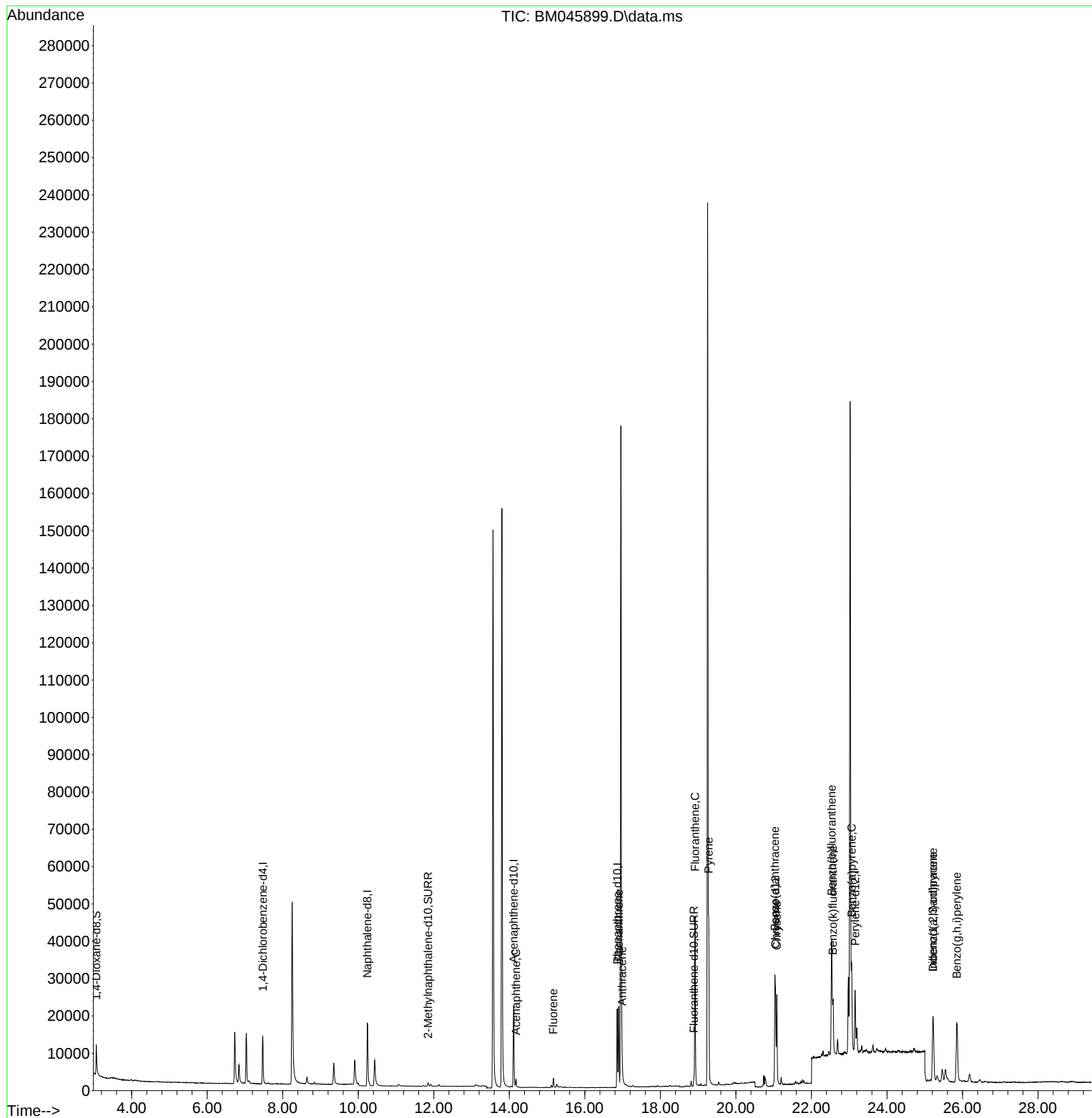
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045899.D
Acq On : 08 Jun 2024 02:36
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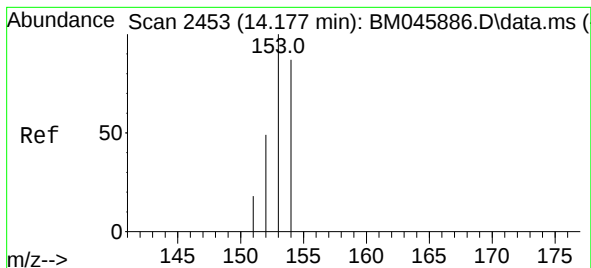
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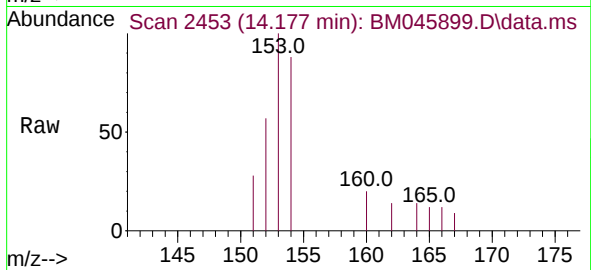
Quant Time: Jun 08 03:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BM045899.D
Acq: 08 Jun 2024 02:36

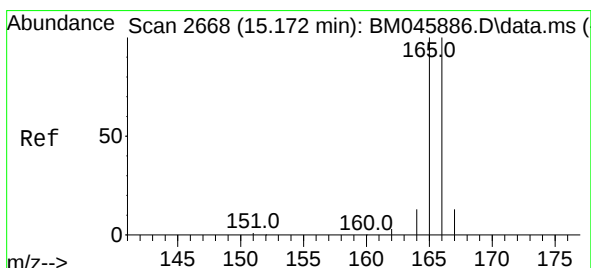
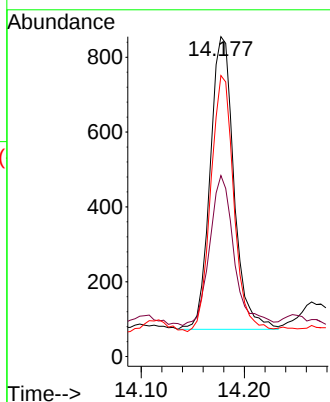
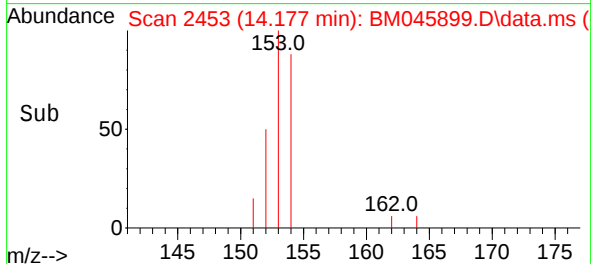
Instrument :
BNA_M
ClientSampleId :
A4C29DL



Tgt Ion:153 Resp: 125
Ion Ratio Lower Upper
153 100
152 56.6 39.0 58.4
154 87.8 69.4 104.2

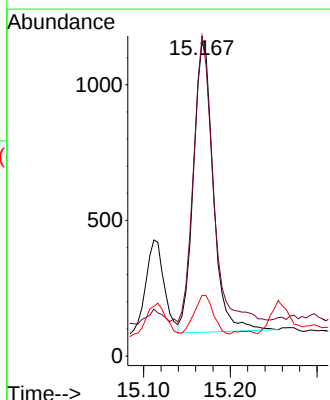
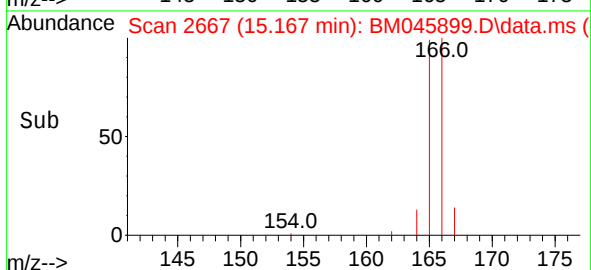
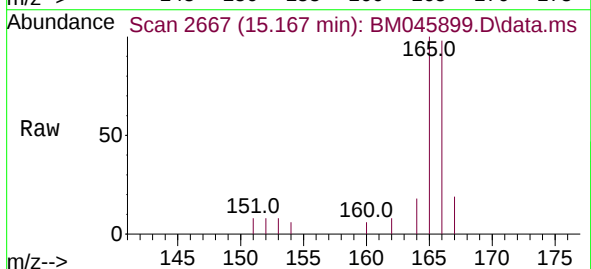
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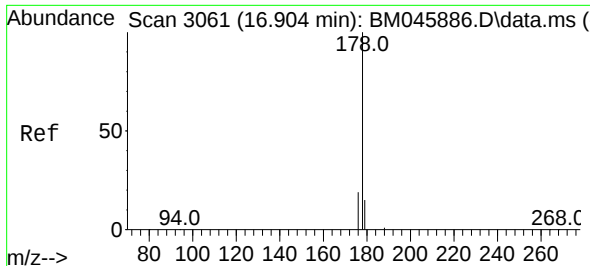
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.167 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM045899.D
Acq: 08 Jun 2024 02:36

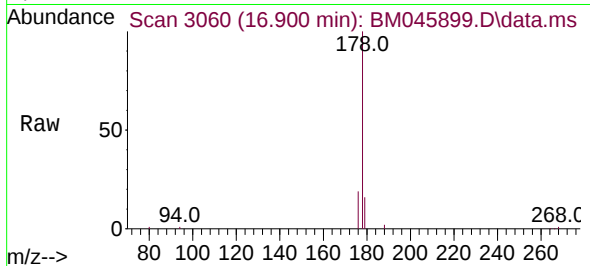
Tgt Ion:166 Resp: 1702
Ion Ratio Lower Upper
166 100
165 102.1 79.7 119.5
167 19.4 11.3 16.9#





#15
Phenanthrene
Concen: 0.345 ng/ul
RT: 16.900 min Scan# 3061
Delta R.T. -0.004 min
Lab File: BM045899.D
Acq: 08 Jun 2024 02:36

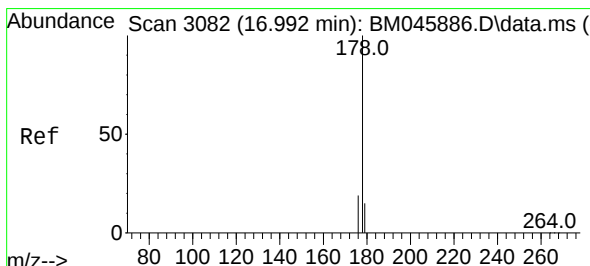
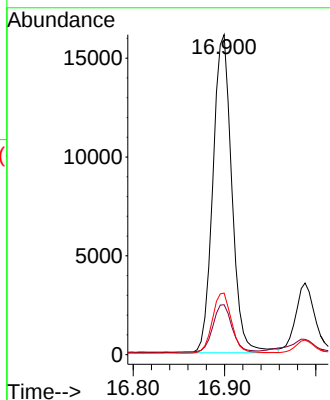
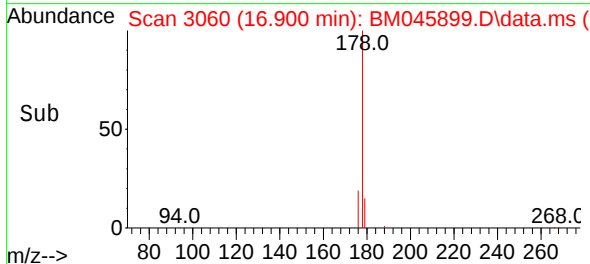
Instrument :
BNA_M
ClientSampleId :
A4C29DL



Tgt Ion:178 Resp: 23062
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.3 15.6 23.4

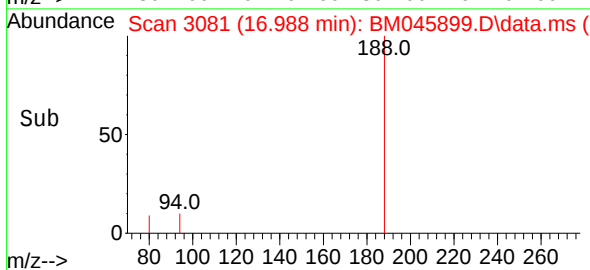
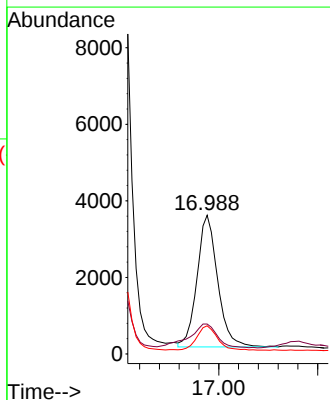
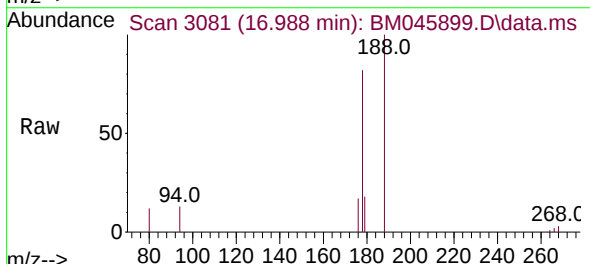
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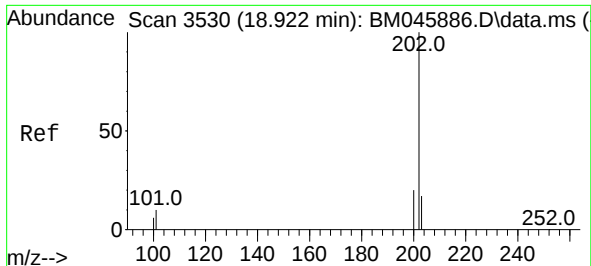
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.087 ng/ul
RT: 16.988 min Scan# 3081
Delta R.T. -0.008 min
Lab File: BM045899.D
Acq: 08 Jun 2024 02:36

Tgt Ion:178 Resp: 4978
Ion Ratio Lower Upper
178 100
179 21.5 13.1 19.7#
176 20.3 15.5 23.3





#19

Fluoranthene

Concen: 0.586 ng/ul

RT: 18.917 min Scan# 3529

Delta R.T. -0.004 min

Lab File: BM045899.D

Acq: 08 Jun 2024 02:36

Instrument :

BNA_M

ClientSampleId :

A4C29DL

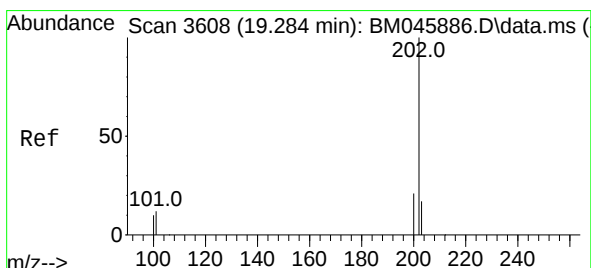
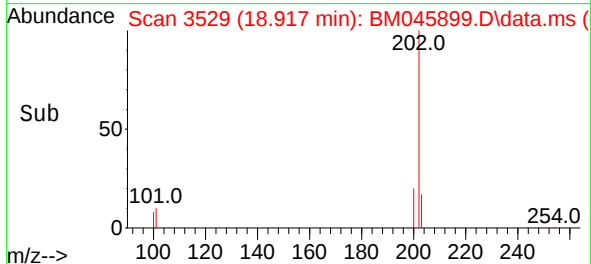
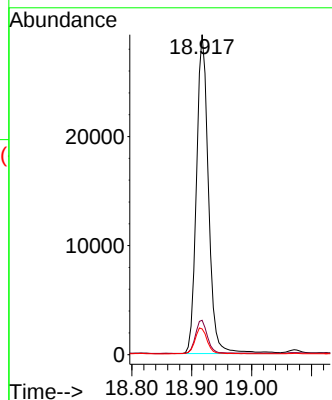
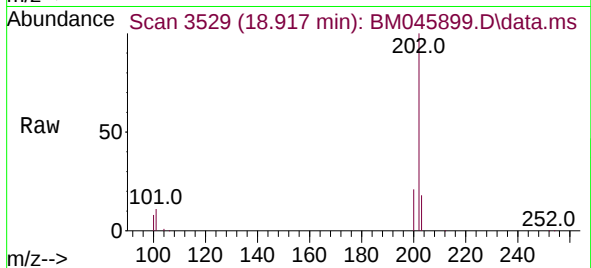
Tgt Ion:	202	Resp:	40849
Ion Ratio	Lower	Upper	
202	100		
101	10.7	9.0	13.6
100	8.1	7.0	10.6

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Supervised By :mohammad ahmed 06/13/2024



#20

Pyrene

Concen: 0.483 ng/ul

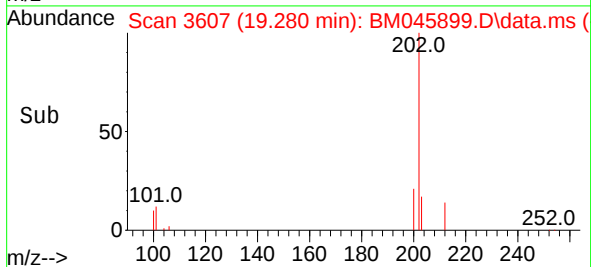
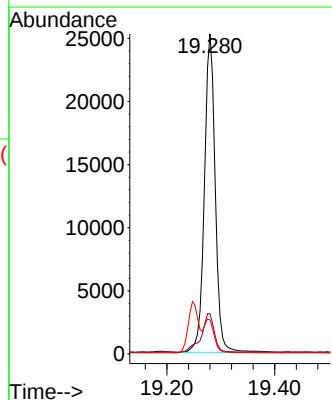
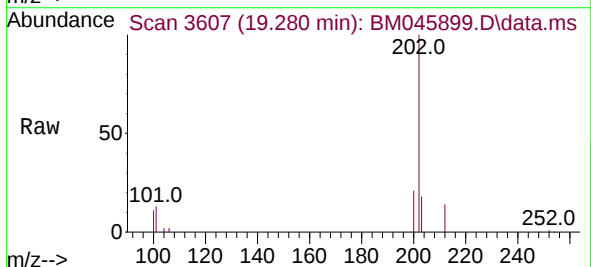
RT: 19.280 min Scan# 3607

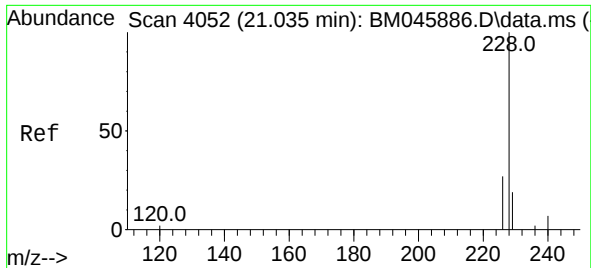
Delta R.T. -0.004 min

Lab File: BM045899.D

Acq: 08 Jun 2024 02:36

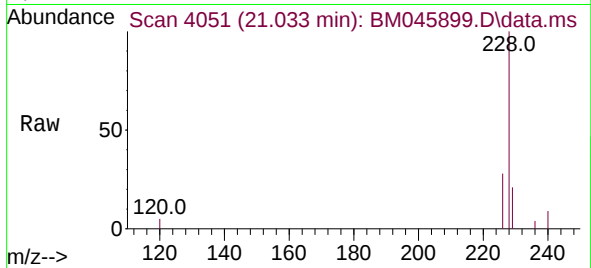
Tgt Ion:	202	Resp:	35140
Ion Ratio	Lower	Upper	
202	100		
101	12.6	10.6	16.0
100	10.7	9.1	13.7





#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.033 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045899.D
Acq: 08 Jun 2024 02:36

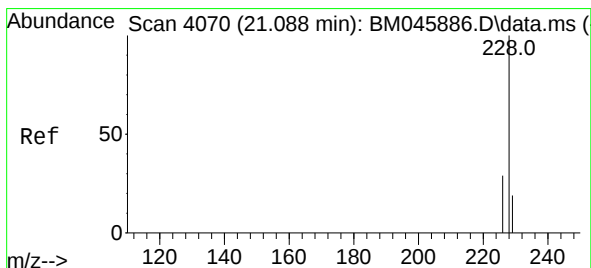
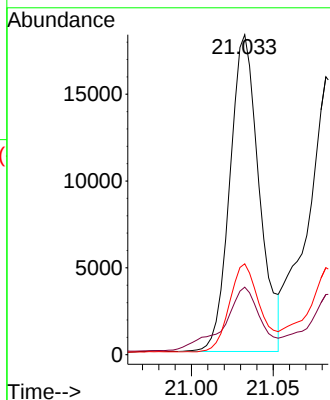
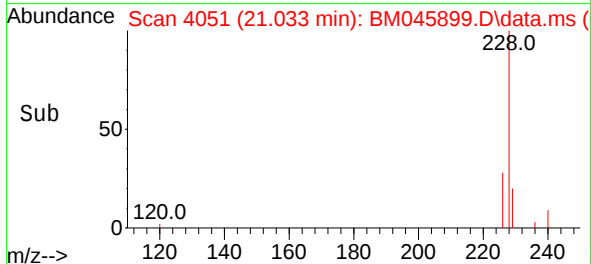
Instrument :
BNA_M
ClientSampleId :
A4C29DL



Tgt Ion:228 Resp: 22819
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.4 22.0 33.0

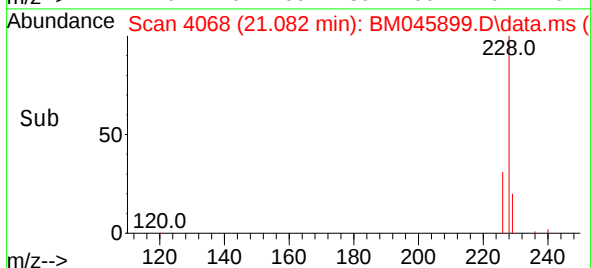
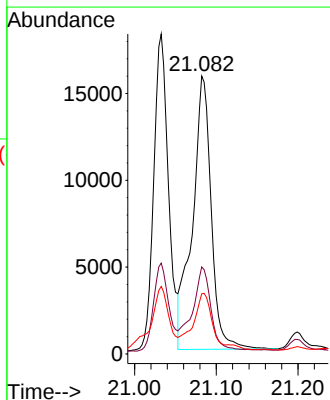
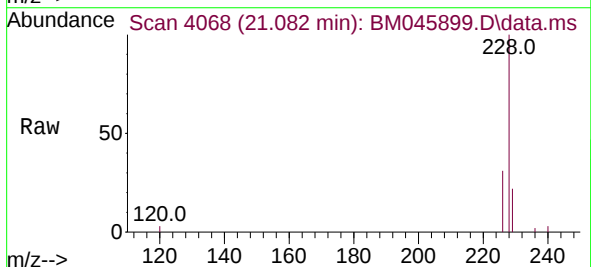
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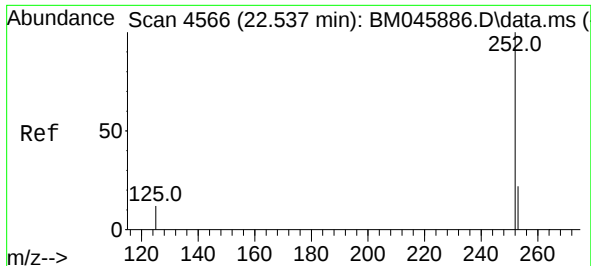
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.361 ng/ul
RT: 21.082 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045899.D
Acq: 08 Jun 2024 02:36

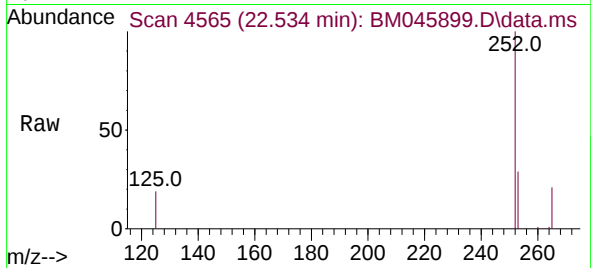
Tgt Ion:228 Resp: 25262
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 21.6 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.714 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BM045899.D
Acq: 08 Jun 2024 02:36

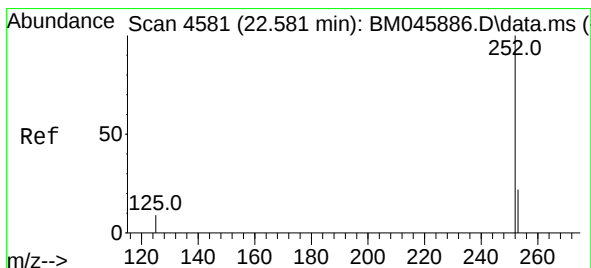
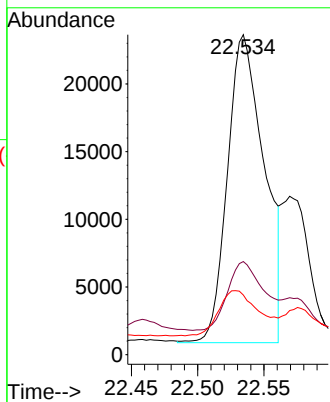
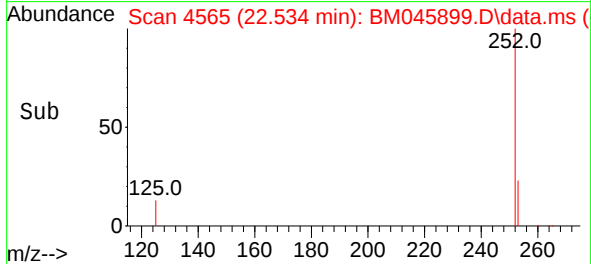
Instrument :
BNA_M
ClientSampleId :
A4C29DL



Tgt Ion:252 Resp: 43909
Ion Ratio Lower Upper
252 100
253 29.1 0.0 63.6
125 18.6 0.0 35.8

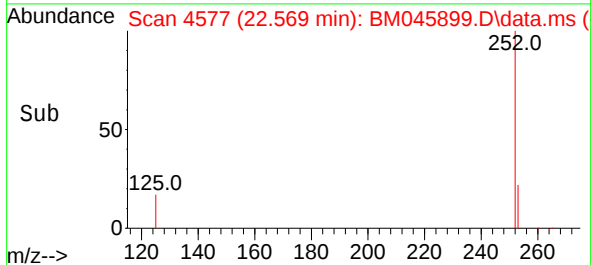
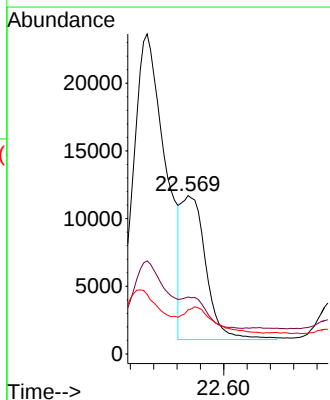
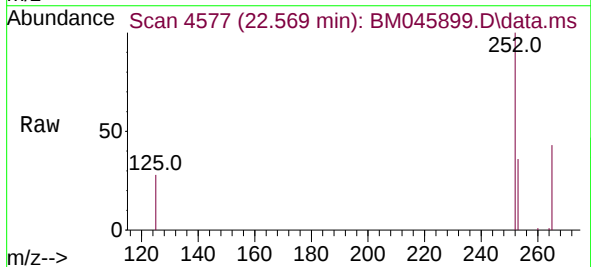
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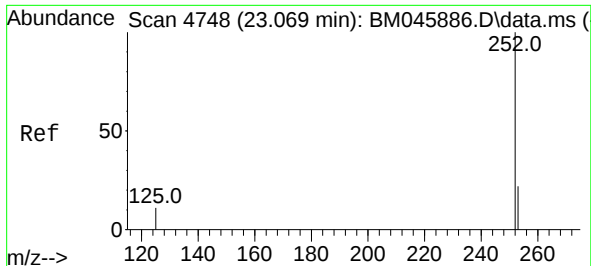
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.234 ng/ul m
RT: 22.569 min Scan# 4577
Delta R.T. -0.011 min
Lab File: BM045899.D
Acq: 08 Jun 2024 02:36

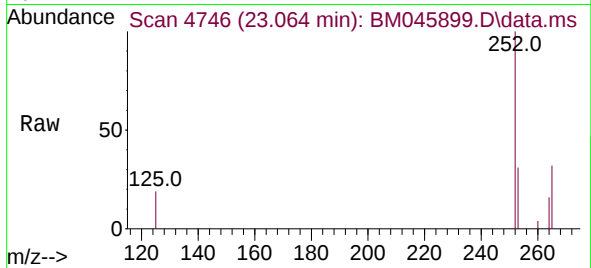
Tgt Ion:252 Resp: 15820
Ion Ratio Lower Upper
252 100
253 36.0 25.0 37.6
125 27.9 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 0.461 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. -0.008 min
Lab File: BM045899.D
Acq: 08 Jun 2024 02:36

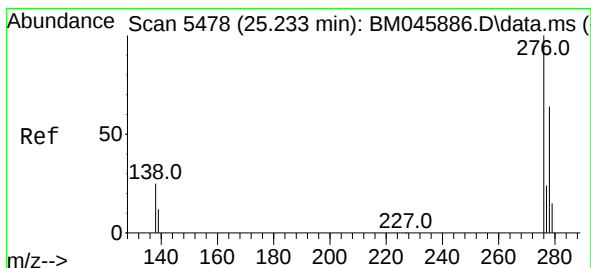
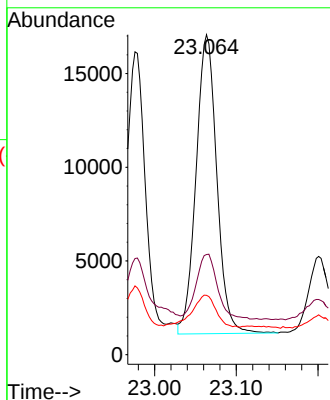
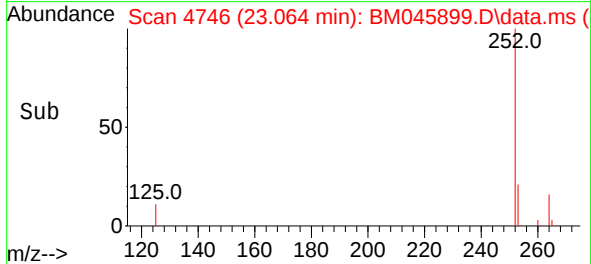
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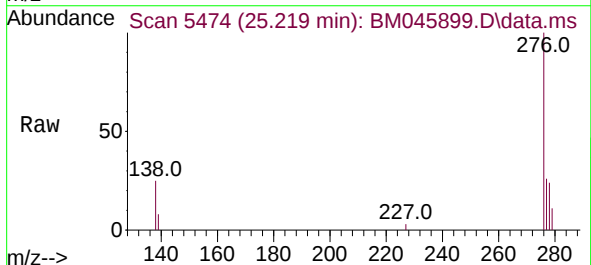
Tgt Ion:252 Resp: 28180
Ion Ratio Lower Upper
252 100
253 31.3 28.8 43.2
125 18.6 17.3 25.9

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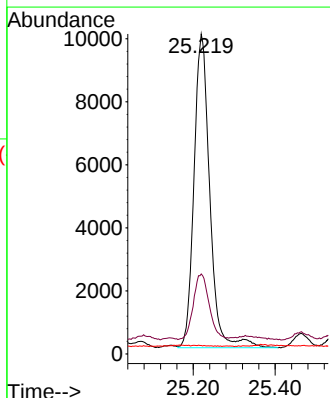
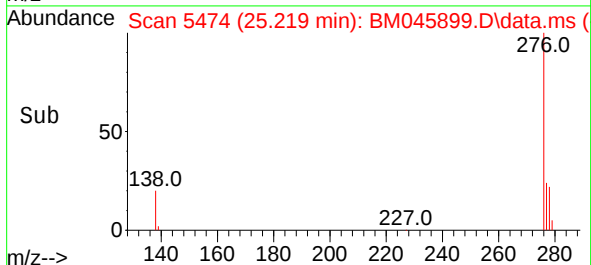
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

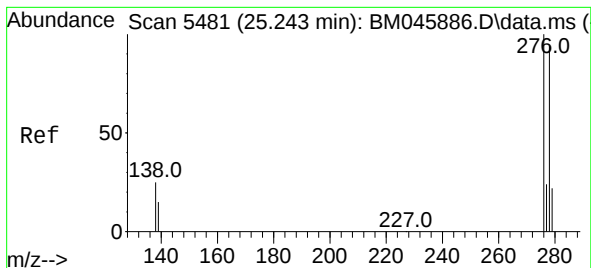


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng/ul
RT: 25.219 min Scan# 5474
Delta R.T. -0.013 min
Lab File: BM045899.D
Acq: 08 Jun 2024 02:36



Tgt Ion:276 Resp: 26581
Ion Ratio Lower Upper
276 100
138 21.4 20.7 31.1
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.111 ng/ul

RT: 25.219 min Scan# 5481

Delta R.T. -0.029 min

Lab File: BM045899.D

Acq: 08 Jun 2024 02:36

Instrument :

BNA_M

ClientSampleId :

A4C29DL

Tgt Ion:278 Resp: 704

Ion Ratio Lower Upper

278 100

139 32.6 16.6 25.0

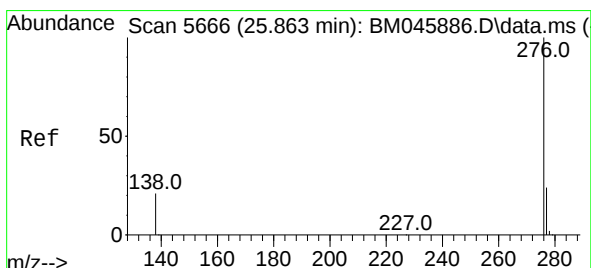
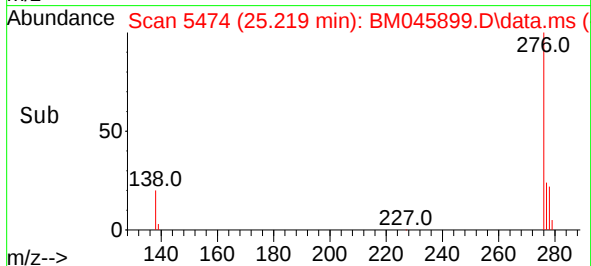
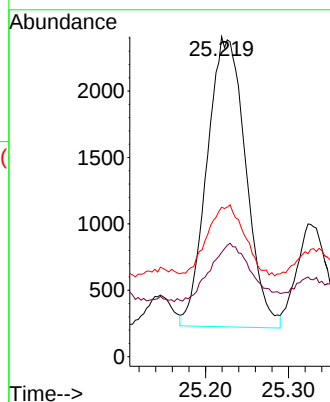
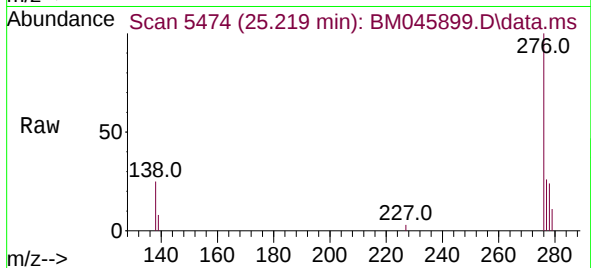
279 46.7 24.6 37.0

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2024



#29

Benzo(g,h,i)perylene

Concen: 0.441 ng/ul

RT: 25.850 min Scan# 5662

Delta R.T. -0.013 min

Lab File: BM045899.D

Acq: 08 Jun 2024 02:36

Tgt Ion:276 Resp: 30108

Ion Ratio Lower Upper

276 100

138 25.5 21.0 31.4

277 25.2 20.5 30.7

