

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045878.D
 Acq On : 07 Jun 2024 12:29
 Operator : MA/JU
 Sample : P2586-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C38

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 12:57:58 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 : Thu Jun 06 17:58:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	5396	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.238	136	18045	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.118	164	10078	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188	22306m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.052	240	17815m	0.400	ng/ul	0.00
23) Perylene-d12	23.159	264	17612m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	25661	4.175	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.833	152	6255	0.241	ng/ul	-0.02
18) Fluoranthene-d10	18.891	212	13032	0.244	ng/ul	0.00
Target Compounds						
15) Phenanthrene	16.896	178	3213m	0.051	ng/ul	Qvalue
19) Fluoranthene	18.918	202	6316	0.089	ng/ul	96
20) Pyrene	19.281	202	5017	0.068	ng/ul#	92
21) Benzo(a)anthracene	21.035	228	2965	0.045	ng/ul#	88
22) Chrysene	21.087	228	2886	0.041	ng/ul#	90
24) Benzo(b)fluoranthene	22.539	252	4401m	0.075	ng/ul	
25) Benzo(k)fluoranthene	22.577	252	1823m	0.028	ng/ul	
26) Benzo(a)pyrene	23.066	252	2593	0.045	ng/ul#	22
27) Indeno(1,2,3-cd)pyrene	25.235	276	2184	0.029	ng/ul#	94
29) Benzo(g,h,i)perylene	25.856	276	2267	0.035	ng/ul#	52

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

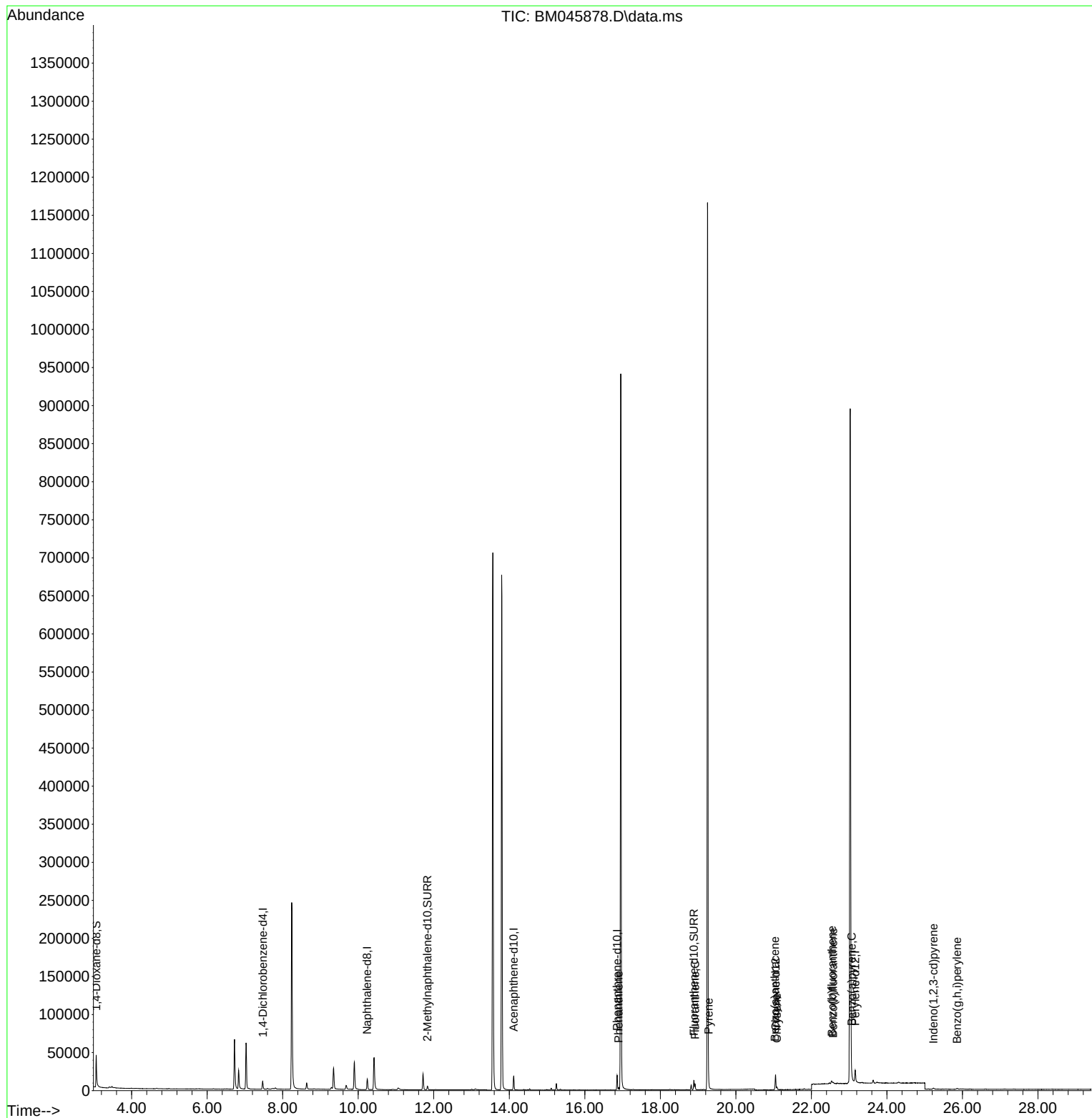
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045878.D
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ALS Vial : 7 Sample Multiplier: 1

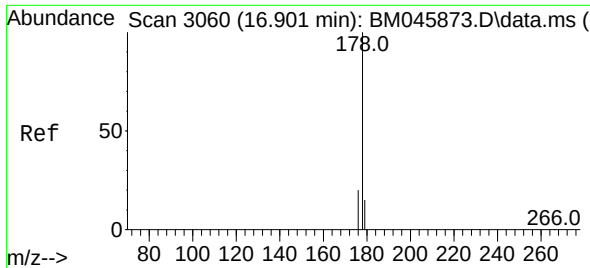
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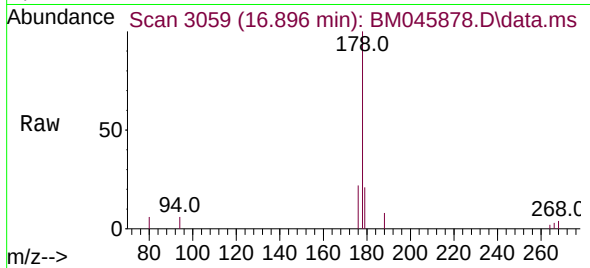
Quant Time: Jun 07 12:57:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.051 ng/ul m
RT: 16.896 min Scan# 3059
Delta R.T. -0.007 min
Lab File: BM045878.D
Acq: 07 Jun 2024 12:29

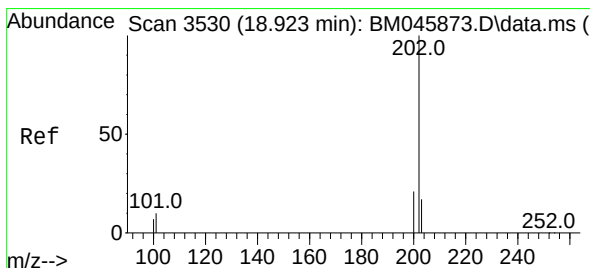
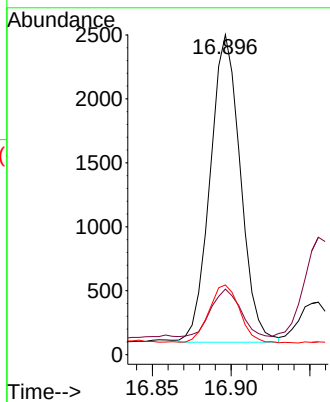
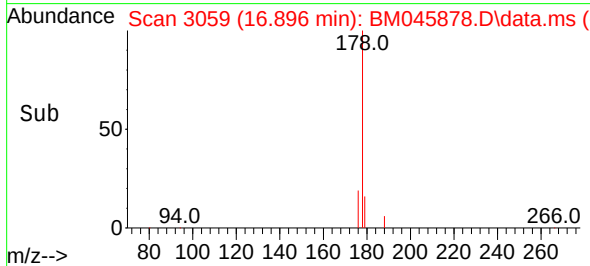
Instrument :
BNA_M
ClientSampleId :
A4C38



Tgt Ion:178 Resp: 321
Ion Ratio Lower Upper
178 100
179 20.5 12.7 19.1
176 21.8 15.6 23.4

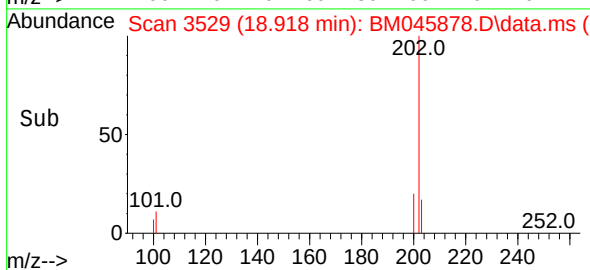
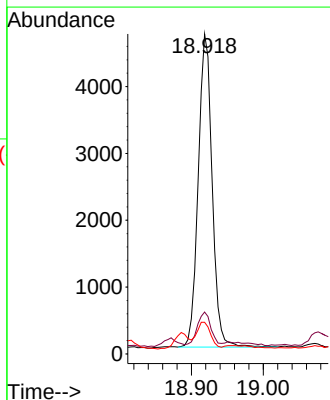
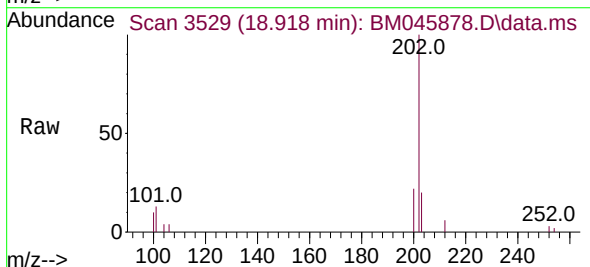
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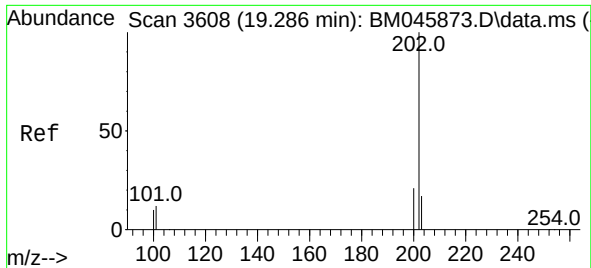
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#19
Fluoranthene
Concen: 0.089 ng/ul
RT: 18.918 min Scan# 3529
Delta R.T. -0.003 min
Lab File: BM045878.D
Acq: 07 Jun 2024 12:29

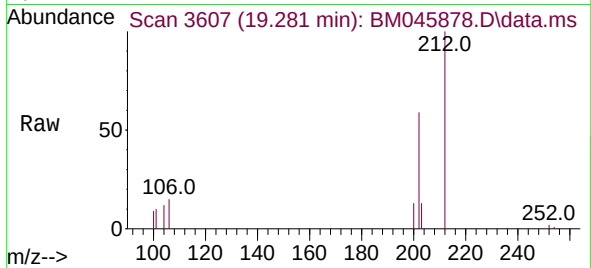
Tgt Ion:202 Resp: 6316
Ion Ratio Lower Upper
202 100
101 13.1 9.0 13.6
100 9.9 7.0 10.6





#20
Pyrene
Concen: 0.068 ng/ul
RT: 19.281 min Scan# 3607
Delta R.T. -0.003 min
Lab File: BM045878.D
Acq: 07 Jun 2024 12:29

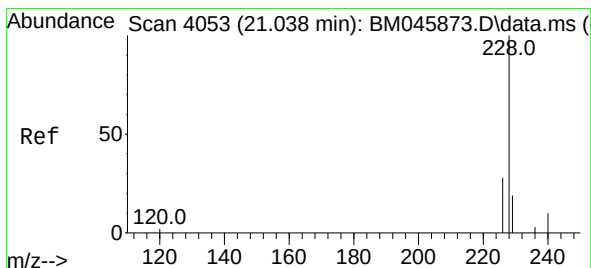
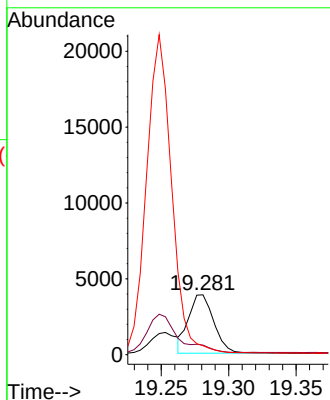
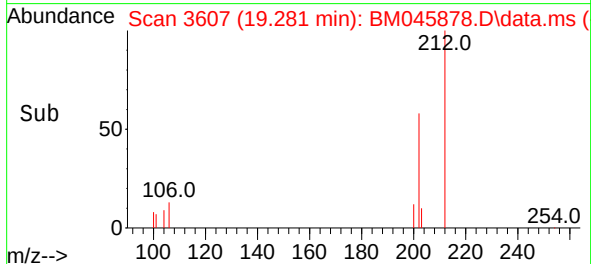
Instrument :
BNA_M
ClientSampleId :
A4C38



Tgt Ion:202 Resp: 501
Ion Ratio Lower Upper
202 100
101 16.1 10.6 16.0
100 15.1 9.1 13.7

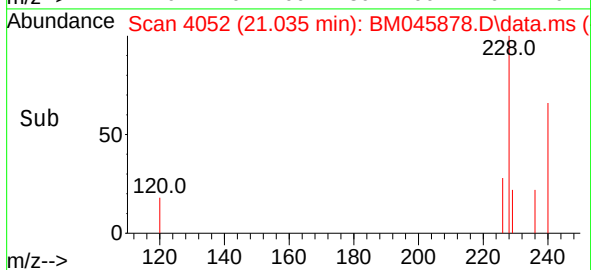
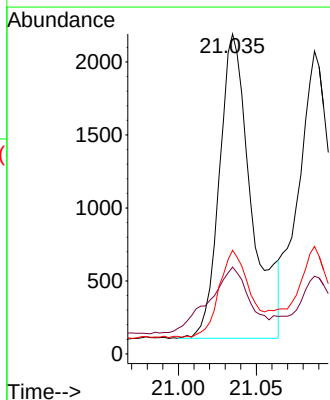
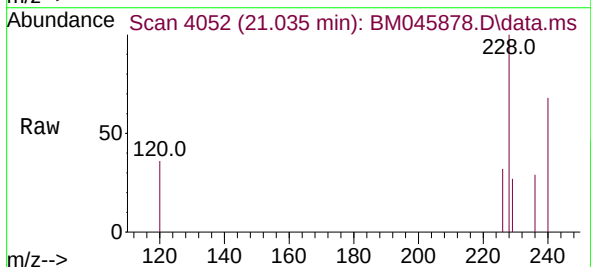
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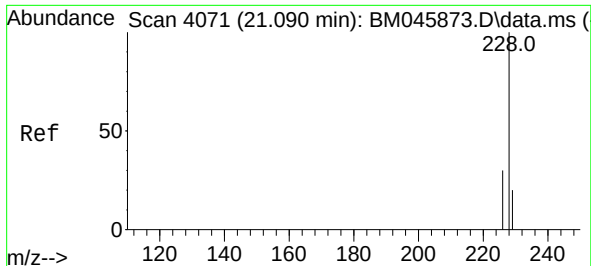
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#21
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 21.035 min Scan# 4052
Delta R.T. -0.000 min
Lab File: BM045878.D
Acq: 07 Jun 2024 12:29

Tgt Ion:228 Resp: 2965
Ion Ratio Lower Upper
228 100
229 27.1 15.7 23.5
226 32.4 22.0 33.0





#22

Chrysene

Concen: 0.041 ng/ul

RT: 21.087 min Scan# 4071

Delta R.T. -0.001 min

Lab File: BM045878.D

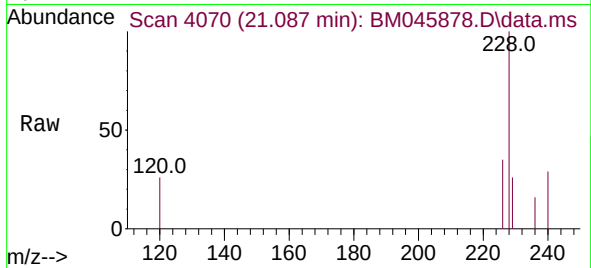
Acq: 07 Jun 2024 12:29

Instrument :

BNA_M

ClientSampleId :

A4C38



Tgt Ion:228 Resp: 2880

Ion Ratio Lower Upper

228 100

226 35.5 24.5 36.7

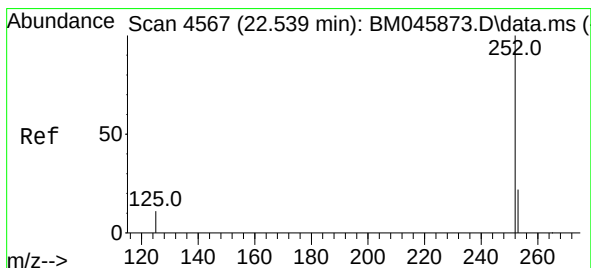
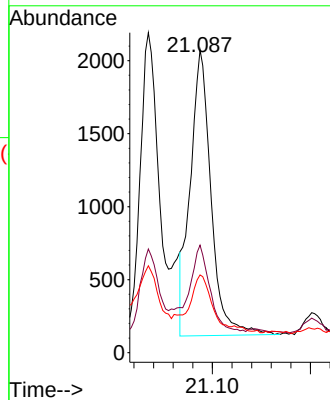
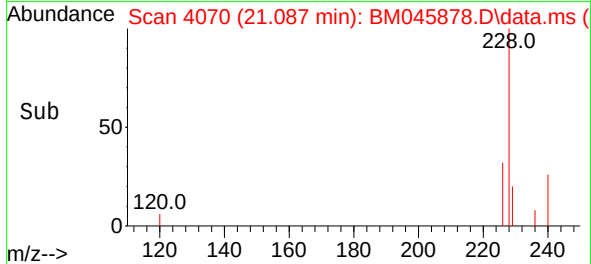
229 25.7 16.2 24.2

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Supervised By :mohammad ahmed 06/13/2024



#24

Benzo(b)fluoranthene

Concen: 0.075 ng/ul m

RT: 22.539 min Scan# 4567

Delta R.T. 0.002 min

Lab File: BM045878.D

Acq: 07 Jun 2024 12:29

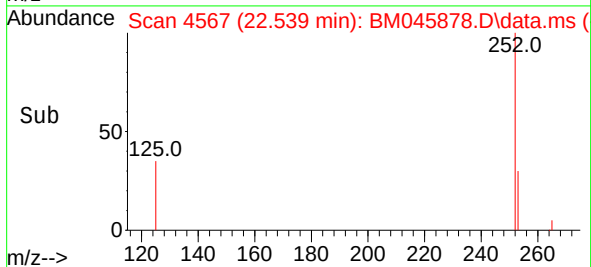
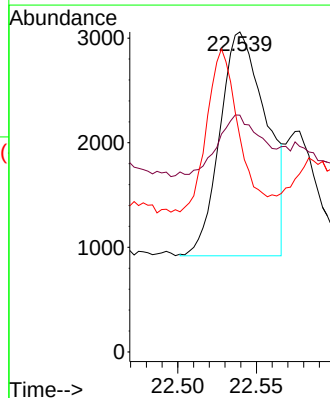
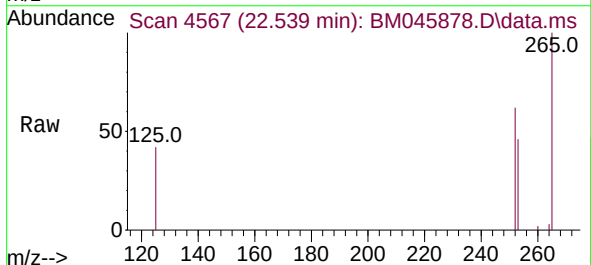
Tgt Ion:252 Resp: 4401

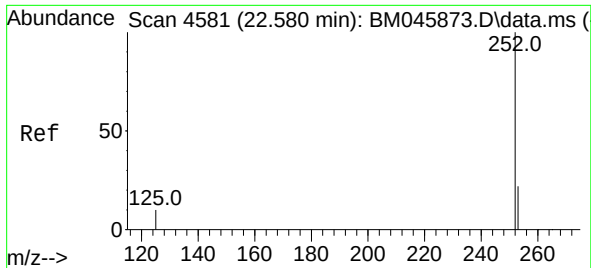
Ion Ratio Lower Upper

252 100

253 74.0 0.0 63.6#

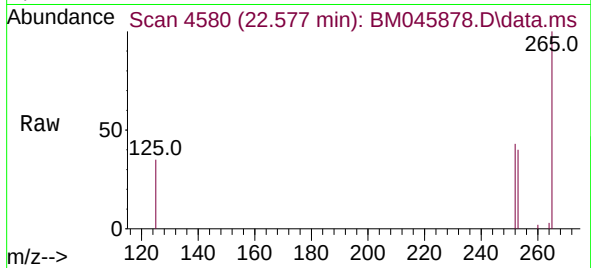
125 67.2 0.0 35.8#





#25
Benzo(k)fluoranthene
Concen: 0.028 ng/ul m
RT: 22.577 min Scan# 4581
Delta R.T. -0.003 min
Lab File: BM045878.D
Acq: 07 Jun 2024 12:29

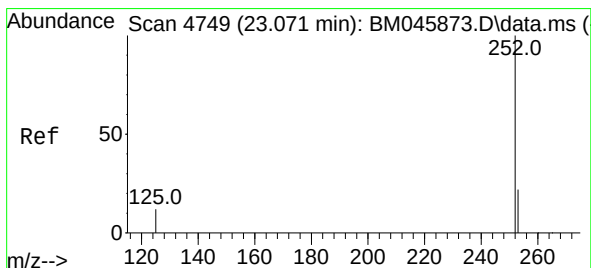
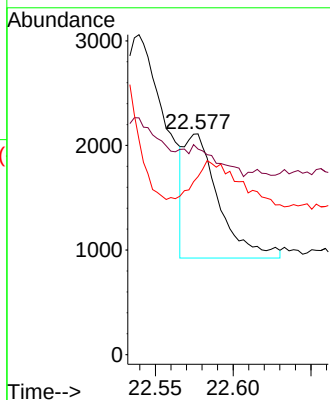
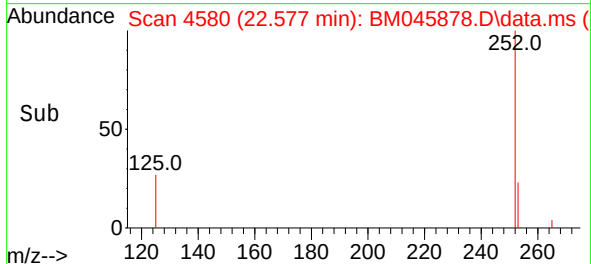
Instrument :
BNA_M
ClientSampleId :
A4C38



Tgt Ion:252 Resp: 1823
Ion Ratio Lower Upper
252 100
253 93.1 25.0 37.6#
125 80.7 14.2 21.2#

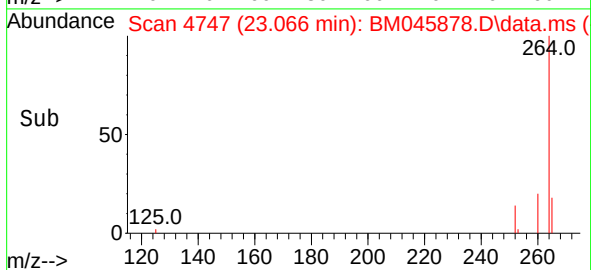
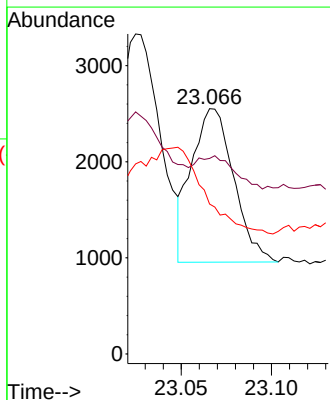
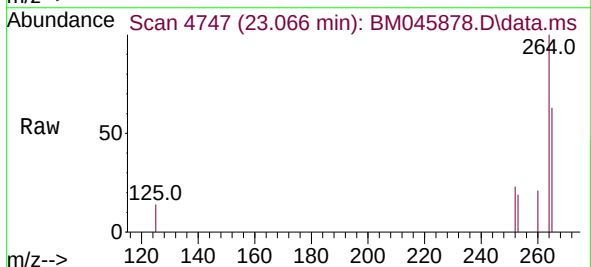
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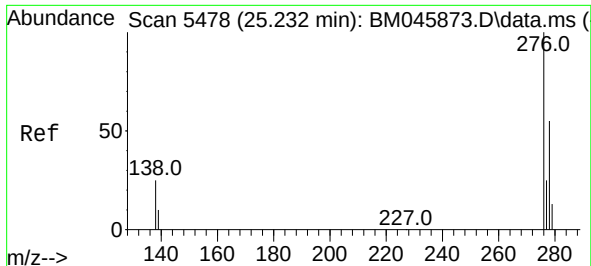
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#26
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.066 min Scan# 4747
Delta R.T. -0.006 min
Lab File: BM045878.D
Acq: 07 Jun 2024 12:29

Tgt Ion:252 Resp: 2593
Ion Ratio Lower Upper
252 100
253 79.7 28.8 43.2#
125 61.1 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng/ul

RT: 25.235 min Scan# 5478

Delta R.T. 0.003 min

Lab File: BM045878.D

Acq: 07 Jun 2024 12:29

Instrument :

BNA_M

ClientSampleId :

A4C38

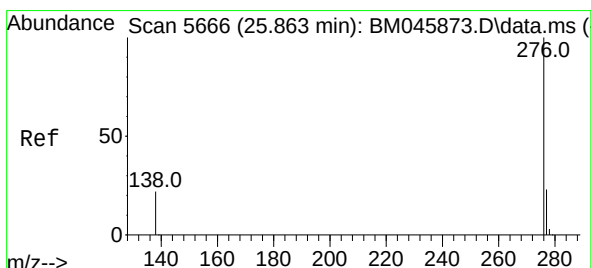
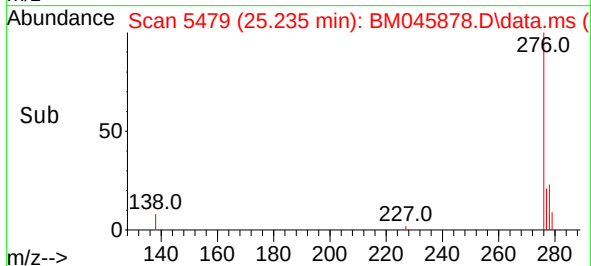
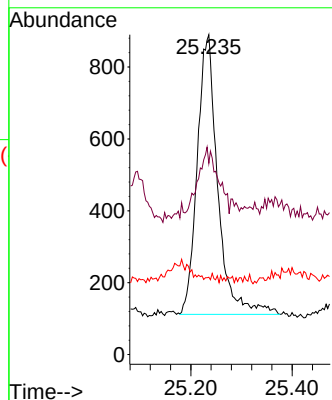
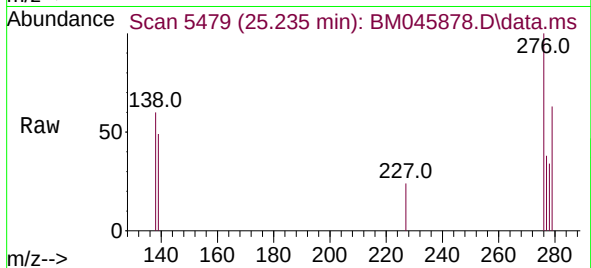
Tgt Ion:	276	Resp:	2184
Ion Ratio	Lower	Upper	
276	100		
138	22.8	20.7	31.1
227	0.0	0.2	0.2

Manual Integrations

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#29

Benzo(g,h,i)perylene

Concen: 0.035 ng/ul

RT: 25.856 min Scan# 5664

Delta R.T. -0.007 min

Lab File: BM045878.D

Acq: 07 Jun 2024 12:29

Tgt Ion:	276	Resp:	2267
Ion Ratio	Lower	Upper	
276	100		
138	59.5	21.0	31.4#
277	41.3	20.5	30.7#

