

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045625.D
 Acq On : 29 Apr 2024 18:53
 Operator : MA/JU
 Sample : P2105-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: Apr 30 01:18:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 30 01:16:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	1065	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	3024	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1538	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2743m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.187	240	2266	0.400	ng/ul	# 0.00
23) Perylene-d12	23.364	264	2681m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	5414	3.793	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1208	0.303	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212	1946	0.273	ng/ul	-0.02
Target Compounds						Qvalue
15) Phenanthrene	16.997	178	534m	0.067	ng/ul	
19) Fluoranthene	19.033	202	532	0.051	ng/ul#	72
20) Pyrene	19.391	202	521	0.048	ng/ul#	48
21) Benzo(a)anthracene	21.181	228	329	0.045	ng/ul#	65
22) Chrysene	21.225	228	390	0.035	ng/ul#	76
24) Benzo(b)fluoranthene	22.712	252	645m	0.072	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.585	276	423	0.031	ng/ul#	51
29) Benzo(g,h,i)perylene	26.256	276	399	0.033	ng/ul#	30

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

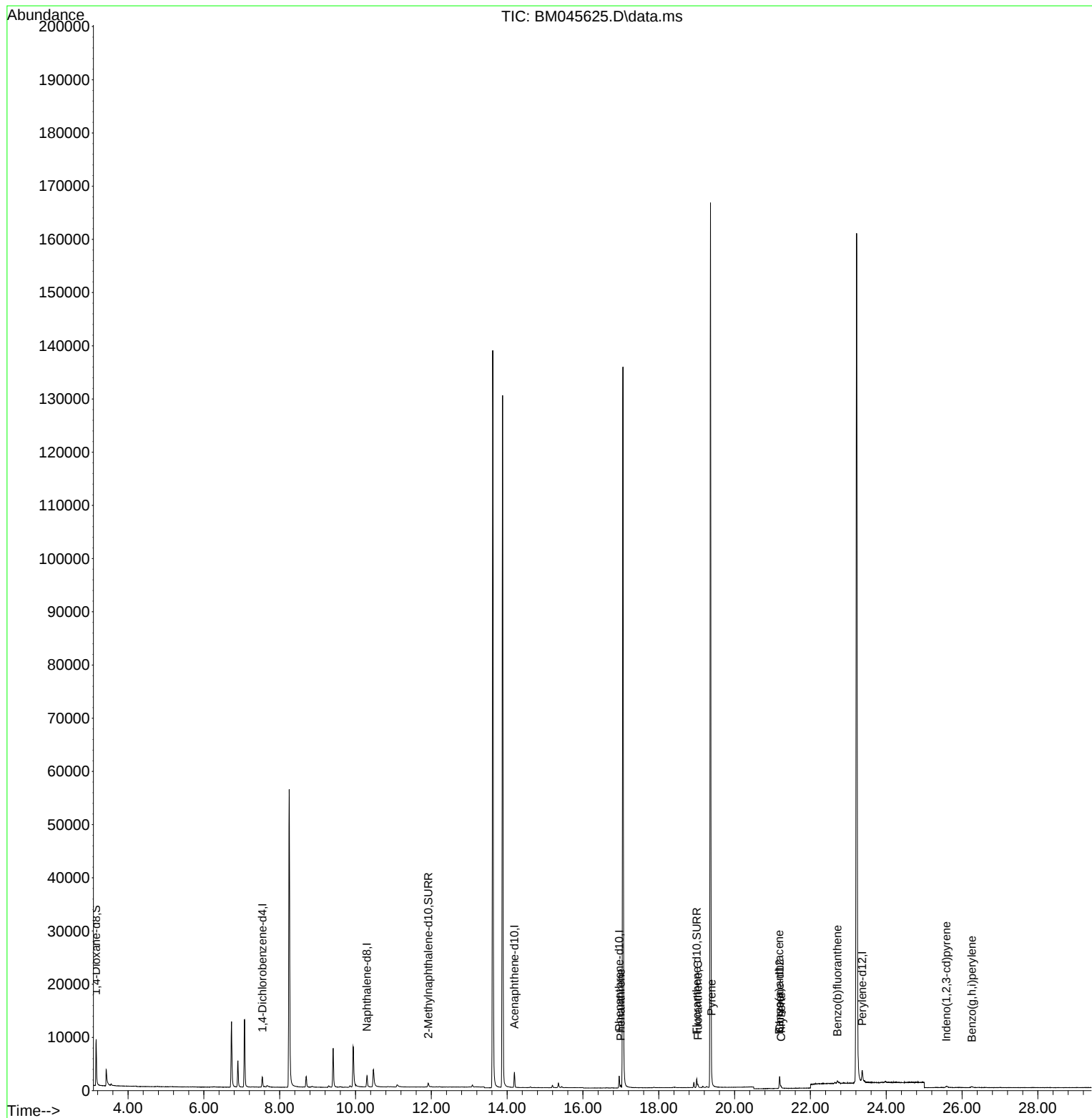
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045625.D
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Operator : MA/JU
Sample : P2105-01
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ALS Vial : 11 Sample Multiplier: 1

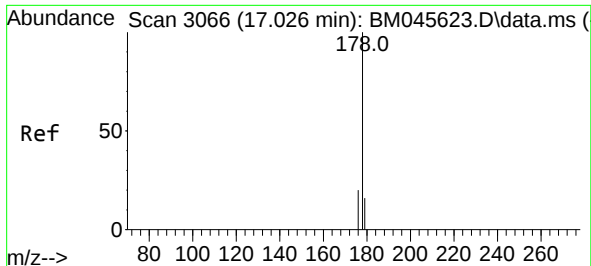
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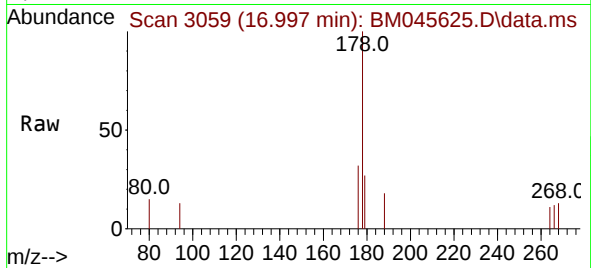
Quant Time: Apr 30 01:18:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 01:16:44 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.067 ng/ul m
RT: 16.997 min Scan# 3066
Delta R.T. -0.030 min
Lab File: BM045625.D
Acq: 29 Apr 2024 18:53

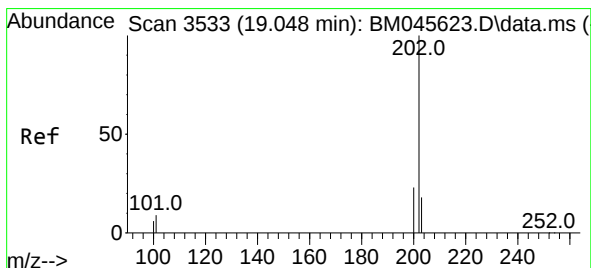
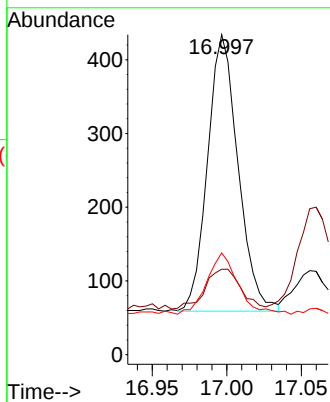
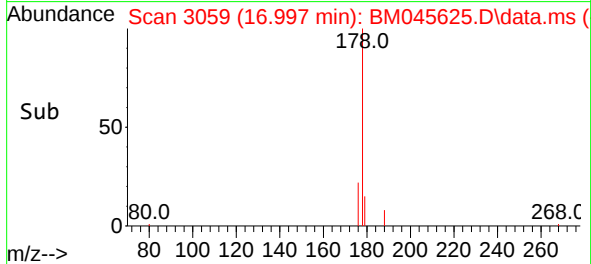
Instrument :
BNA_M
ClientSampleId :
C0AC7



Tgt Ion:178 Resp: 534
Ion Ratio Lower Upper
178 100
179 26.7 15.4 23.2
176 31.8 19.0 28.4

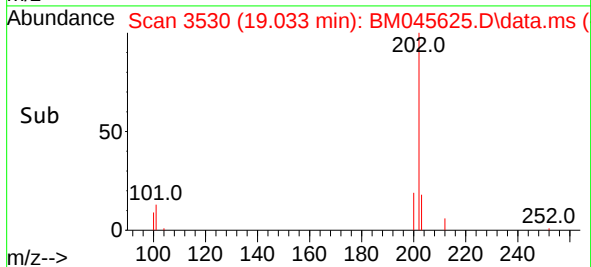
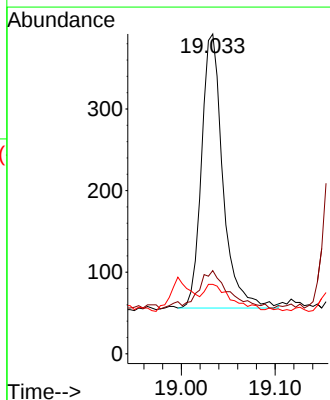
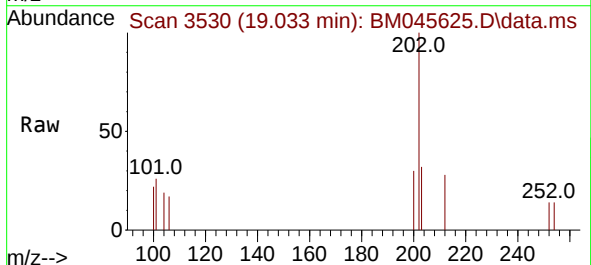
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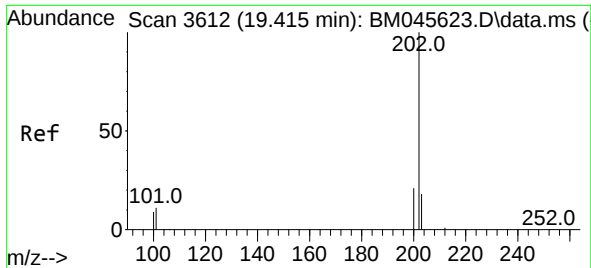
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#19
Fluoranthene
Concen: 0.051 ng/ul
RT: 19.033 min Scan# 3530
Delta R.T. -0.014 min
Lab File: BM045625.D
Acq: 29 Apr 2024 18:53

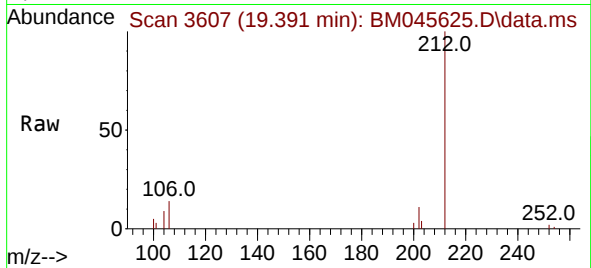
Tgt Ion:202 Resp: 532
Ion Ratio Lower Upper
202 100
101 26.0 11.2 16.8#
100 21.7 9.1 13.7#





#20
Pyrene
Concen: 0.048 ng/ul
RT: 19.391 min Scan# 3607
Delta R.T. -0.023 min
Lab File: BM045625.D
Acq: 29 Apr 2024 18:53

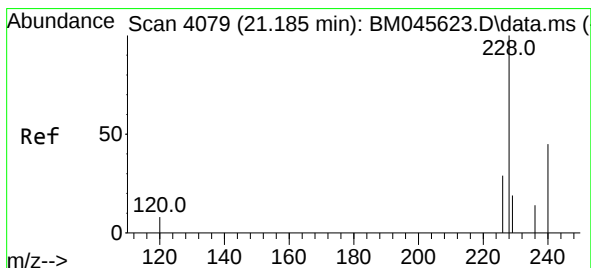
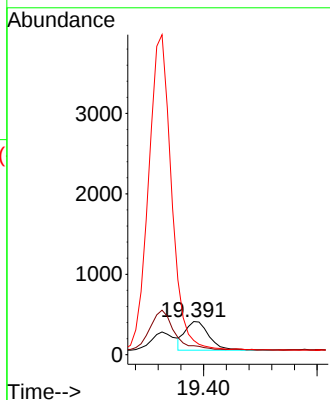
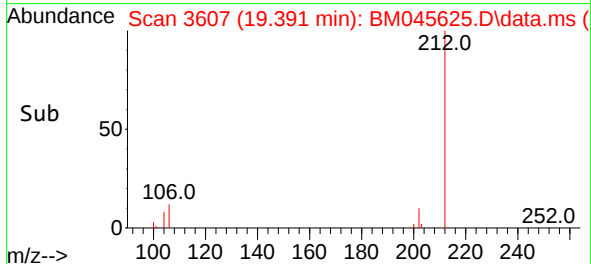
Instrument :
BNA_M
ClientSampleId :
C0AC7



Tgt Ion:202 Resp: 52.1
Ion Ratio Lower Upper
202 100
101 26.9 11.5 17.3#
100 43.0 10.6 15.8#

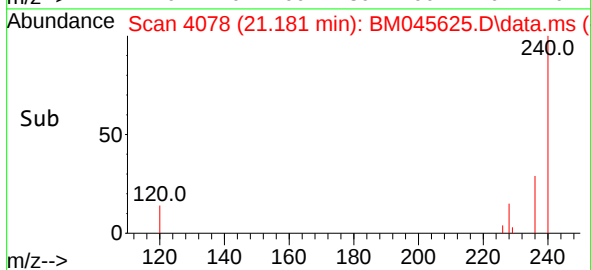
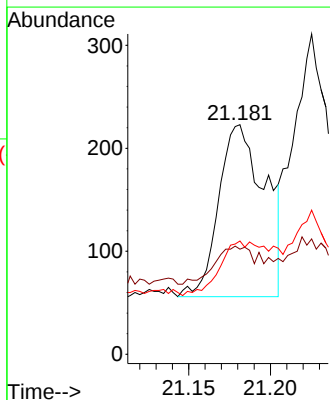
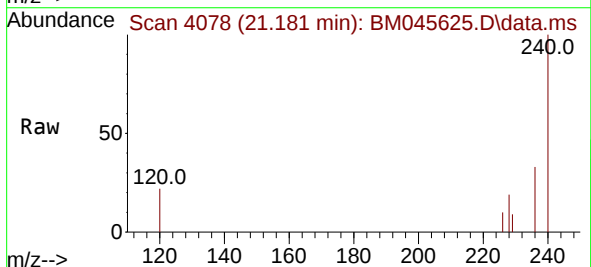
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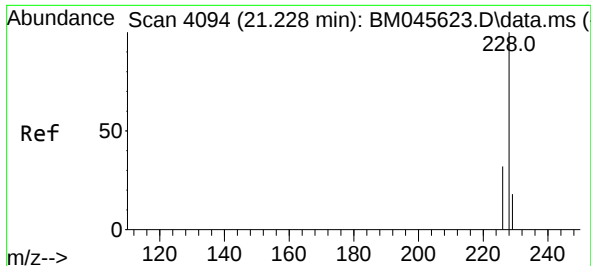
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#21
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 21.181 min Scan# 4078
Delta R.T. -0.003 min
Lab File: BM045625.D
Acq: 29 Apr 2024 18:53

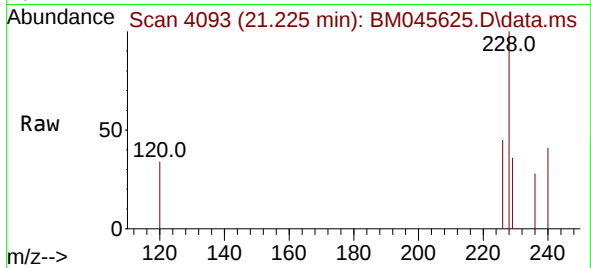
Tgt Ion:228 Resp: 329
Ion Ratio Lower Upper
228 100
229 45.7 19.4 29.2#
226 49.3 26.3 39.5#





#22
Chrysene
Concen: 0.035 ng/ul
RT: 21.225 min Scan# 4094
Delta R.T. -0.003 min
Lab File: BM045625.D
Acq: 29 Apr 2024 18:53

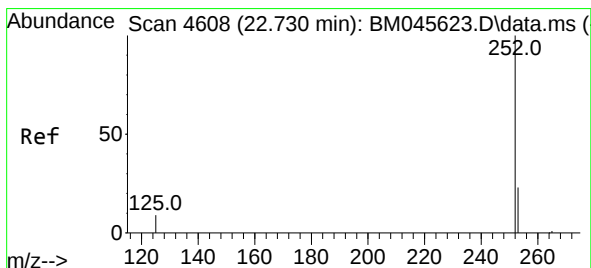
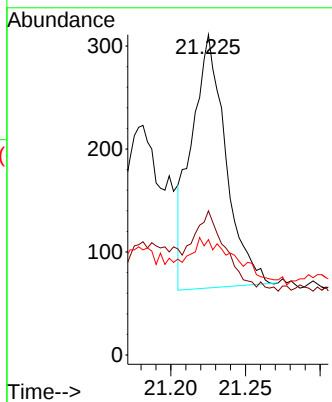
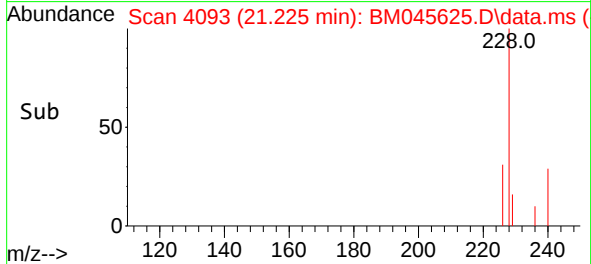
Instrument :
BNA_M
ClientSampleId :
C0AC7



Tgt Ion:228 Resp: 390
Ion Ratio Lower Upper
228 100
226 45.0 26.3 39.5#
229 36.0 17.8 26.8#

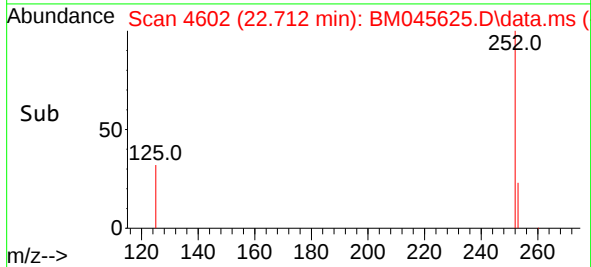
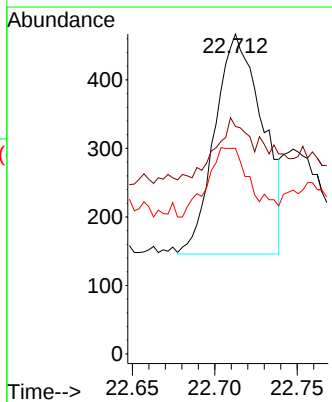
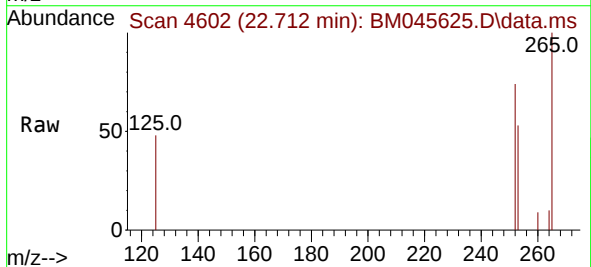
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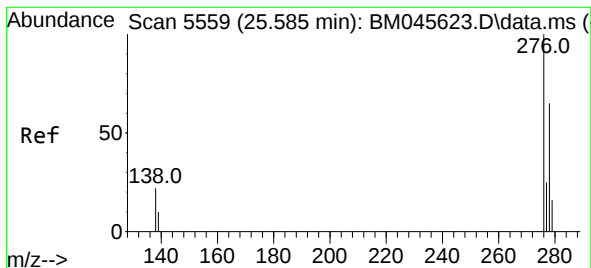
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Supervised By :mohammad ahmed 05/02/2024



#24
Benzo(b)fluoranthene
Concen: 0.072 ng/ul m
RT: 22.712 min Scan# 4602
Delta R.T. -0.018 min
Lab File: BM045625.D
Acq: 29 Apr 2024 18:53

Tgt Ion:252 Resp: 645
Ion Ratio Lower Upper
252 100
253 71.1 0.0 63.4#
125 64.2 0.0 36.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.031 ng/ul

RT: 25.585 min Scan# 51

Delta R.T. -0.000 min

Lab File: BM045625.D

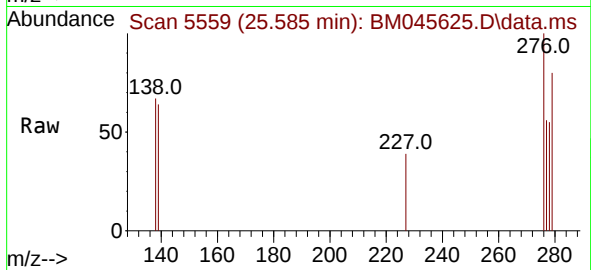
Acq: 29 Apr 2024 18:53

Instrument :

BNA_M

ClientSampleId :

C0AC7



Tgt Ion:276 Resp: 42

Ion Ratio Lower Upper

276 100

138 0.0 19.8 29.6

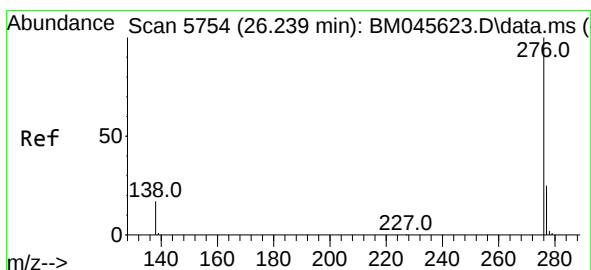
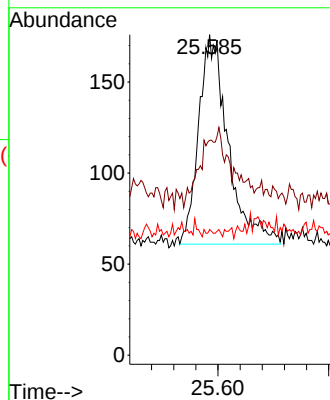
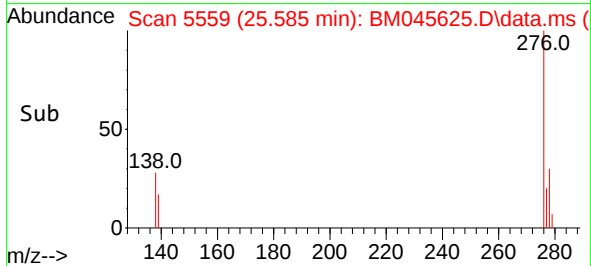
227 0.9 0.2 0.2

Manual Integrations

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Supervised By :mohammad ahmed 05/02/2024



#29

Benzo(g,h,i)perylene

Concen: 0.033 ng/ul

RT: 26.256 min Scan# 5759

Delta R.T. 0.017 min

Lab File: BM045625.D

Acq: 29 Apr 2024 18:53

Tgt Ion:276 Resp: 399

Ion Ratio Lower Upper

276 100

138 66.7 20.8 31.2#

277 59.2 21.8 32.8#

