

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037646.D
 Acq On : 22 Nov 2022 17:37
 Operator : CG/JU
 Sample : N5577-12
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C9836

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
 Supervised By :mohammad ahmed 11/25/2022

Quant Time: Nov 22 22:52:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	5909	0.400	ng/ul	0.00
4) Naphthalene-d8	10.948	136	17908	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.747	164	10778	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	23405	0.400	ng/ul	0.00
17) Chrysene-d12	21.639	240	20596	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	22964	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	39960	5.816	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	8096	0.273	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	21908	0.322	ng/ul	0.00
Target Compounds						
15) Phenanthrene	17.521	178	5632	0.070	ng/ul#	94
19) Fluoranthene	19.523	202	15575	0.157	ng/ul#	93
20) Pyrene	19.881	202	12879m	0.125	ng/ul	
21) Benzo(a)anthracene	21.622	228	6503	0.071	ng/ul	96
22) Chrysene	21.674	228	7238m	0.079	ng/ul	
24) Benzo(b)fluoranthene	23.364	252	9340	0.089	ng/ul#	8
25) Benzo(k)fluoranthene	23.408	252	3809m	0.036	ng/ul	
26) Benzo(a)pyrene	24.016	252	5975	0.066	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.728	276	4159	0.034	ng/ul#	75
29) Benzo(g,h,i)perylene	27.536	276	3238	0.032	ng/ul#	64

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

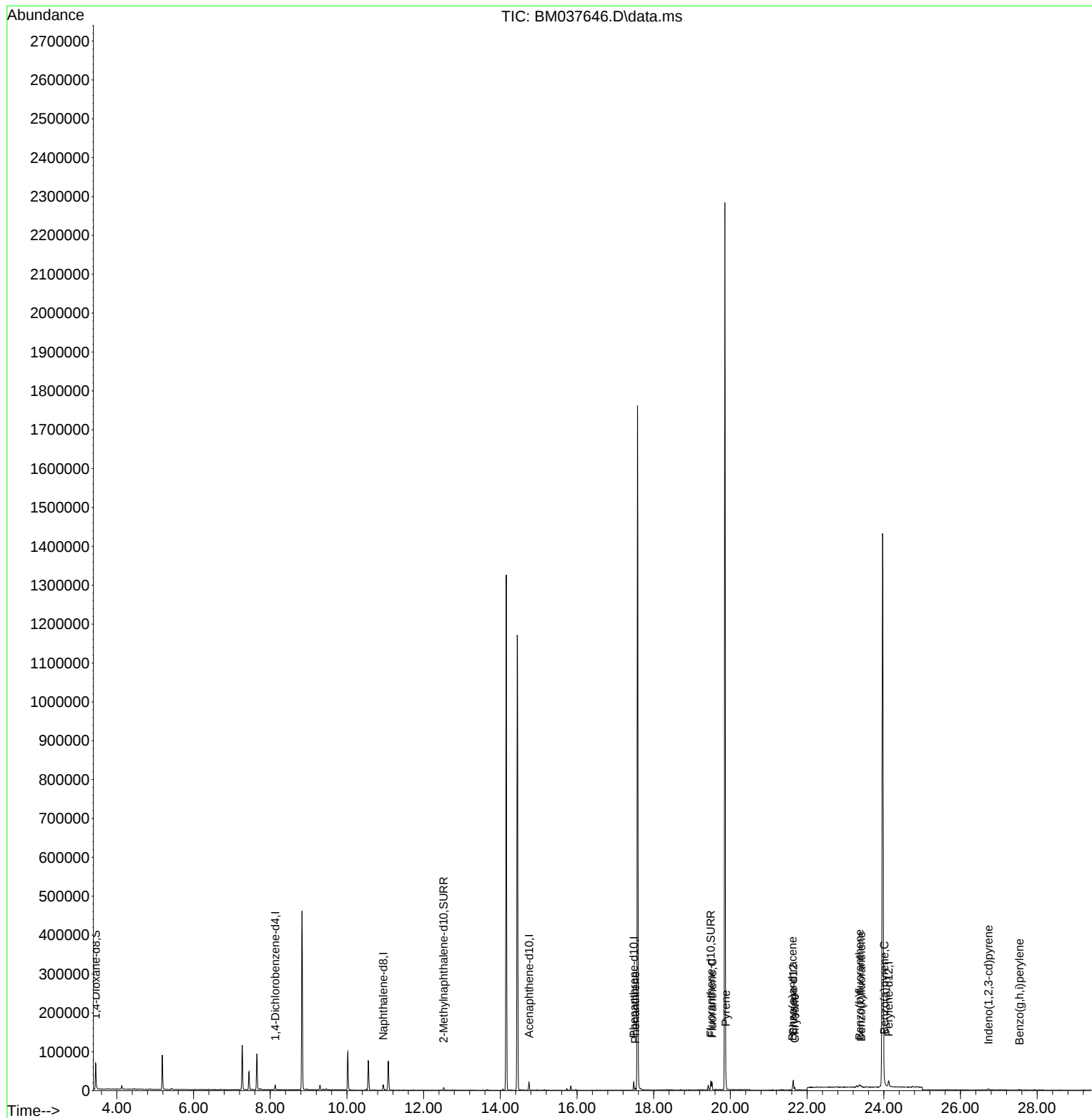
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037646.D
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ALS Vial : 46 Sample Multiplier: 1

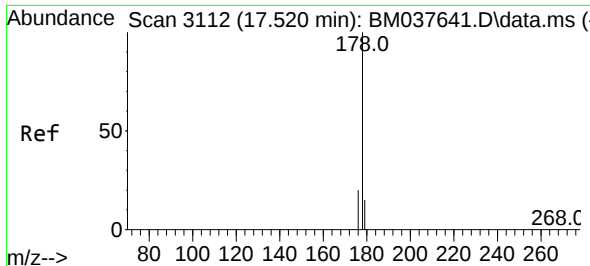
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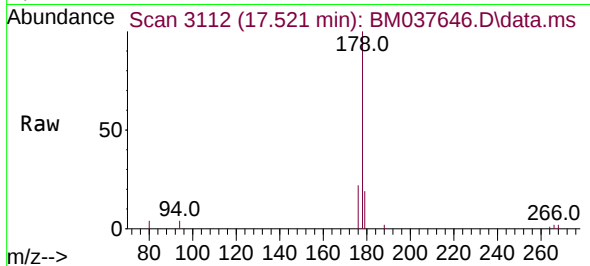
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.070 ng/ul
RT: 17.521 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BM037646.D
Acq: 22 Nov 2022 17:37

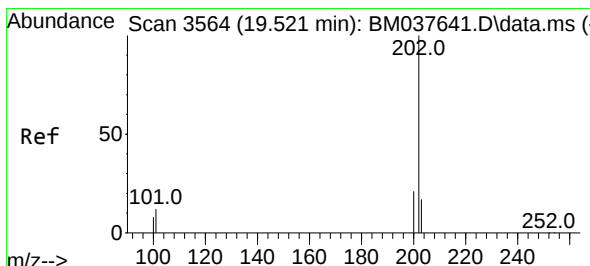
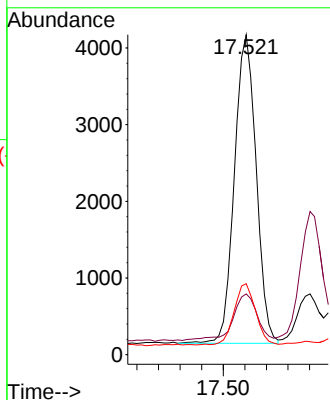
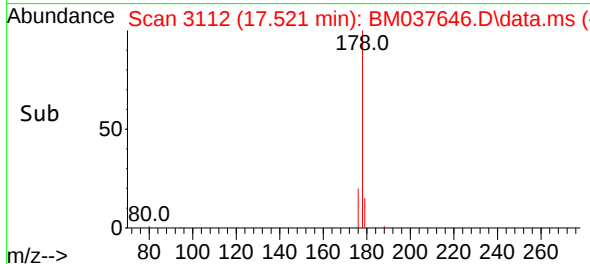
Instrument :
BNA_M
ClientSampleId :
C9836



Tgt Ion:178 Resp: 5632
Ion Ratio Lower Upper
178 100
179 19.0 12.6 18.8
176 22.2 16.0 24.0

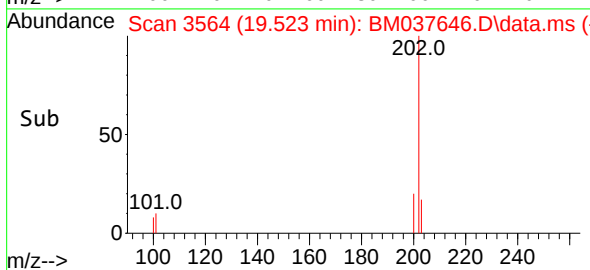
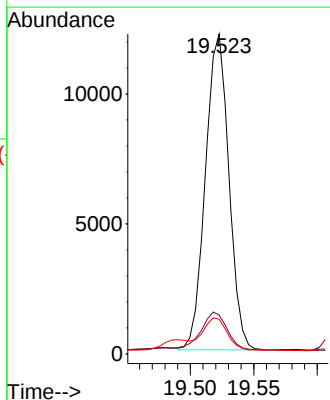
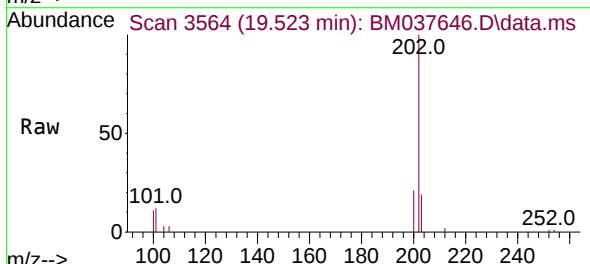
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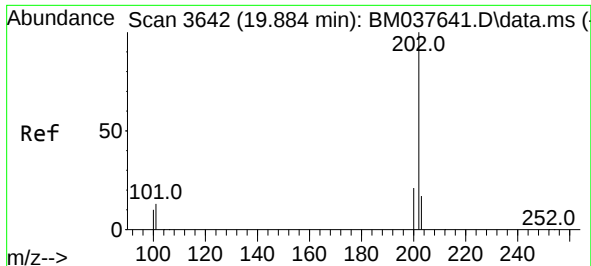
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#19
Fluoranthene
Concen: 0.157 ng/ul
RT: 19.523 min Scan# 3564
Delta R.T. 0.001 min
Lab File: BM037646.D
Acq: 22 Nov 2022 17:37

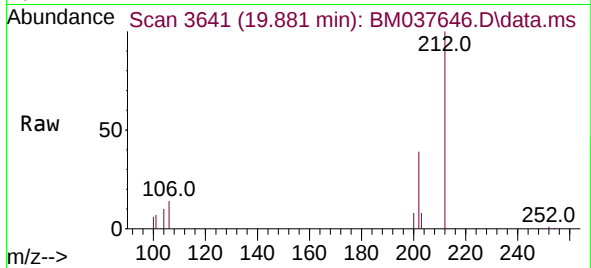
Tgt Ion:202 Resp: 15575
Ion Ratio Lower Upper
202 100
101 12.1 8.2 12.2
100 10.8 6.1 9.1





#20
Pyrene
Concen: 0.125 ng/ul m
RT: 19.881 min Scan# 3642
Delta R.T. -0.003 min
Lab File: BM037646.D
Acq: 22 Nov 2022 17:37

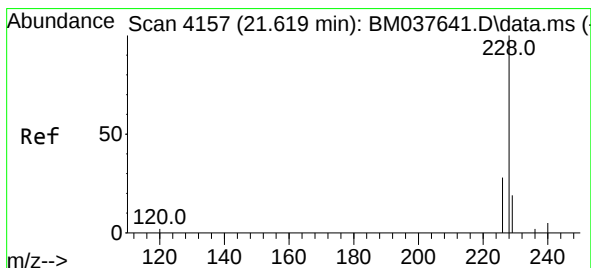
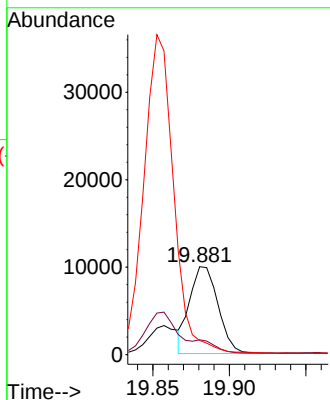
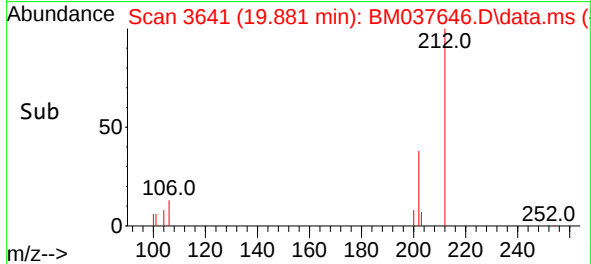
Instrument :
BNA_M
ClientSampleId :
C9836



Tgt Ion:202 Resp: 12879
Ion Ratio Lower Upper
202 100
101 16.8 10.1 15.1
100 16.1 8.0 12.0

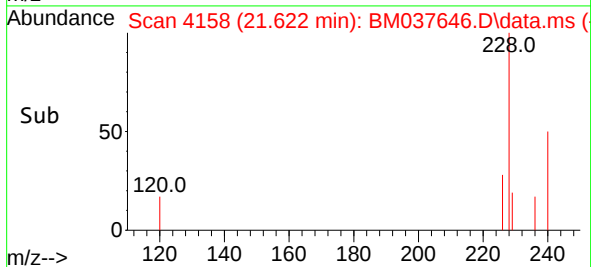
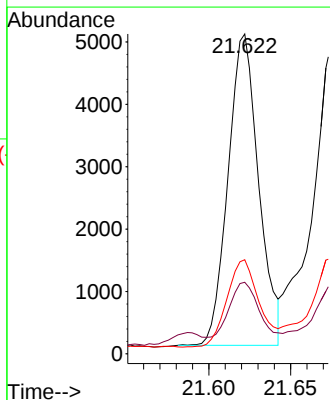
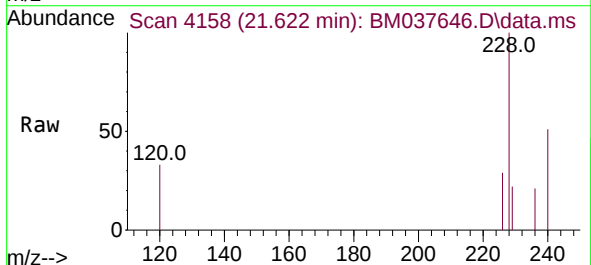
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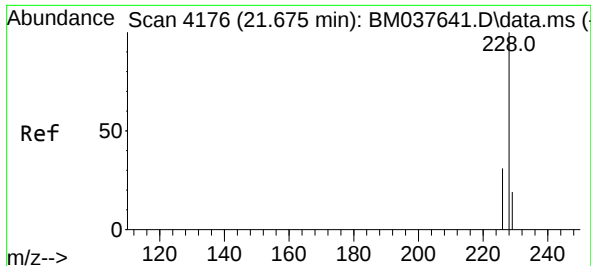
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#21
Benzo(a)anthracene
Concen: 0.071 ng/ul
RT: 21.622 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BM037646.D
Acq: 22 Nov 2022 17:37

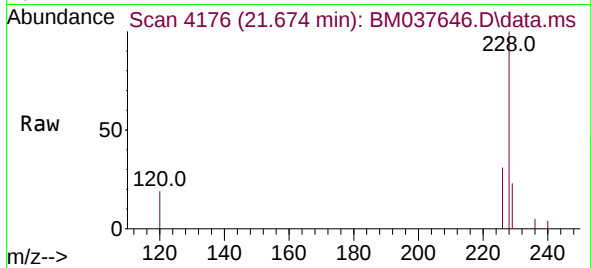
Tgt Ion:228 Resp: 6503
Ion Ratio Lower Upper
228 100
229 22.4 15.7 23.5
226 29.4 22.2 33.2





#22
Chrysene
Concen: 0.079 ng/ul m
RT: 21.674 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM037646.D
Acq: 22 Nov 2022 17:37

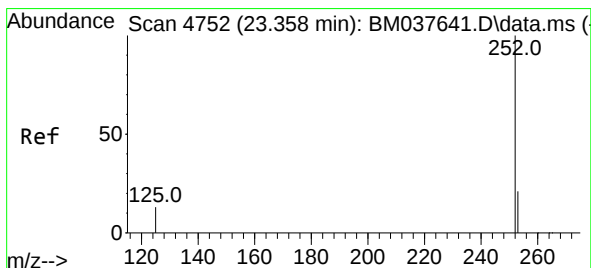
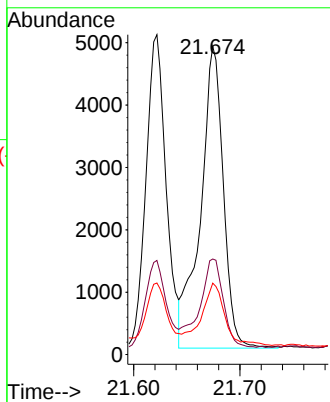
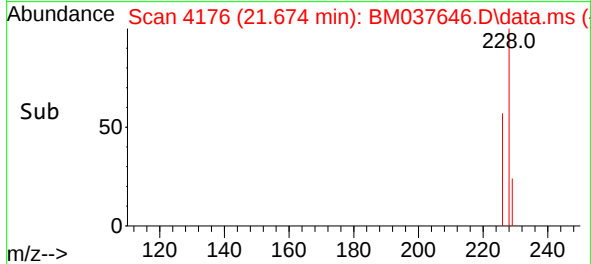
Instrument :
BNA_M
ClientSampleId :
C9836



Tgt Ion:228 Resp: 7238
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 23.2 15.5 23.3

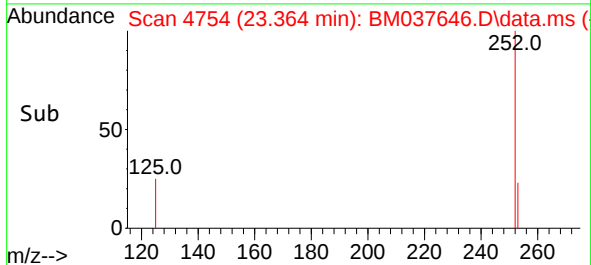
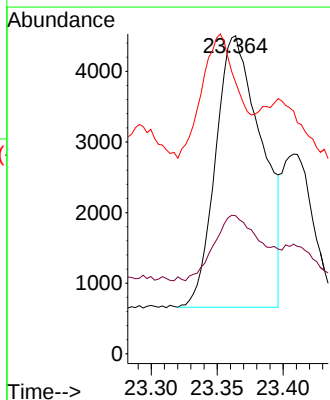
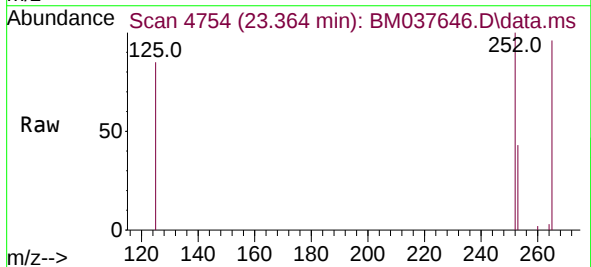
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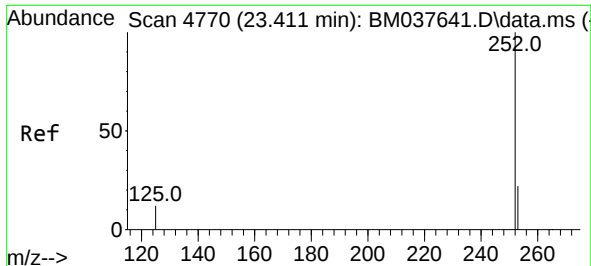
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#24
Benzo(b)fluoranthene
Concen: 0.089 ng/ul
RT: 23.364 min Scan# 4754
Delta R.T. 0.003 min
Lab File: BM037646.D
Acq: 22 Nov 2022 17:37

Tgt Ion:252 Resp: 9340
Ion Ratio Lower Upper
252 100
253 43.4 0.0 46.2
125 85.3 0.0 23.4#





#25

Benzo(k)fluoranthene

Concen: 0.036 ng/ul m

RT: 23.408 min Scan# 4769

Delta R.T. -0.003 min

Lab File: BM037646.D

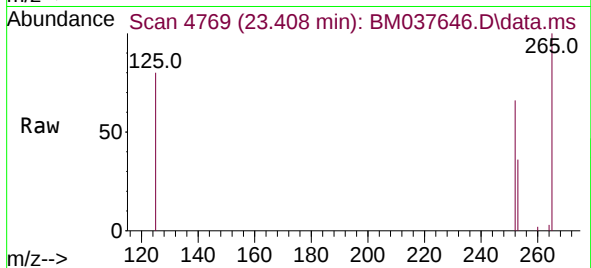
Acq: 22 Nov 2022 17:37

Instrument :

BNA_M

ClientSampleId :

C9836



Tgt Ion:252 Resp: 3809

Ion Ratio Lower Upper

252 100

253 54.9 18.8 28.2

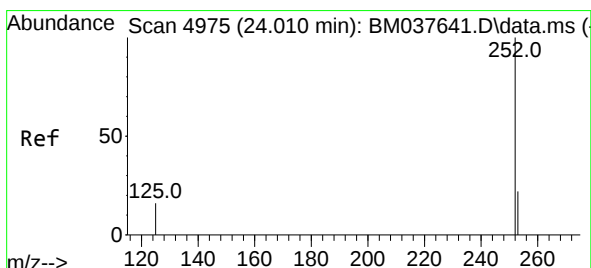
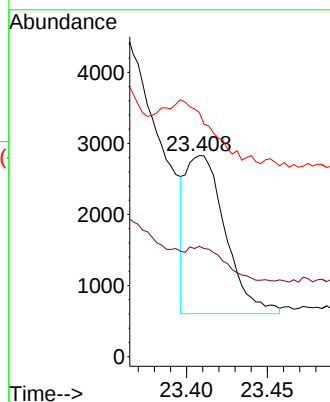
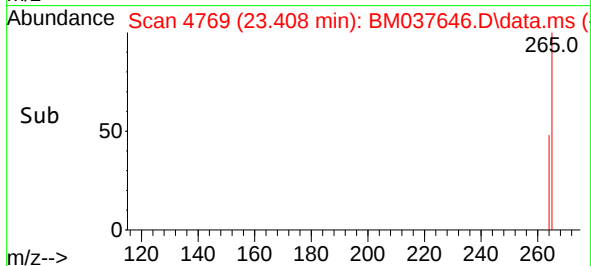
125 121.5 9.8 14.6

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#26

Benzo(a)pyrene

Concen: 0.066 ng/ul

RT: 24.016 min Scan# 4977

Delta R.T. 0.003 min

Lab File: BM037646.D

Acq: 22 Nov 2022 17:37

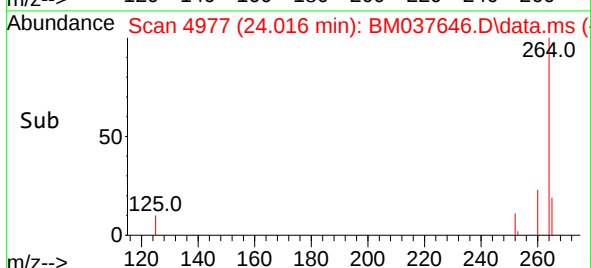
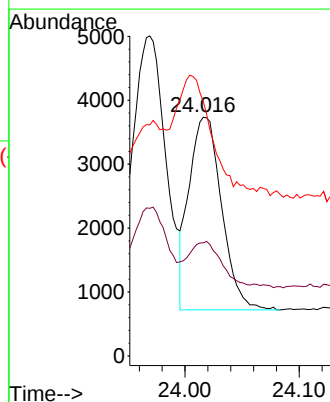
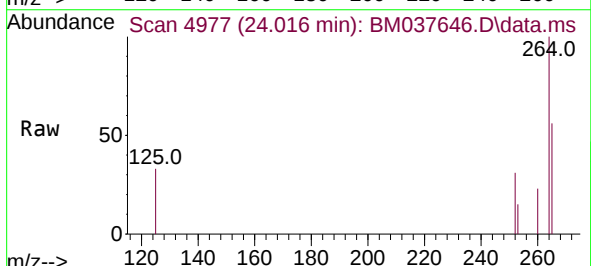
Tgt Ion:252 Resp: 5975

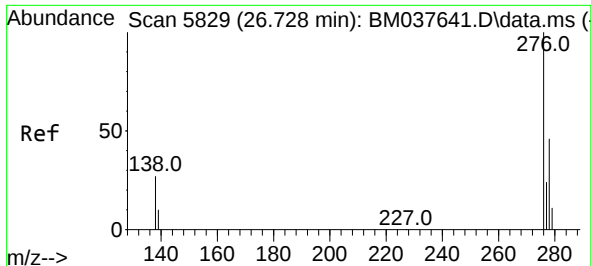
Ion Ratio Lower Upper

252 100

253 47.4 18.8 28.2#

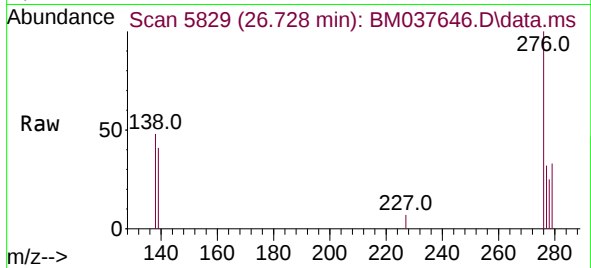
125 106.7 10.5 15.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng/ul
RT: 26.728 min Scan# 5829
Delta R.T. -0.001 min
Lab File: BM037646.D
Acq: 22 Nov 2022 17:37

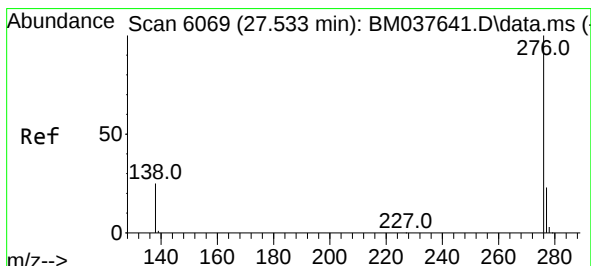
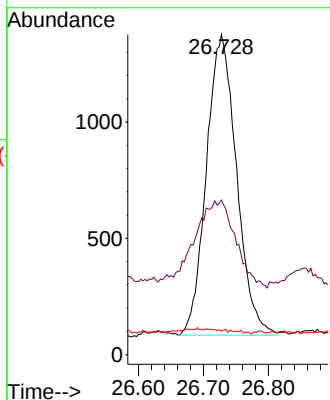
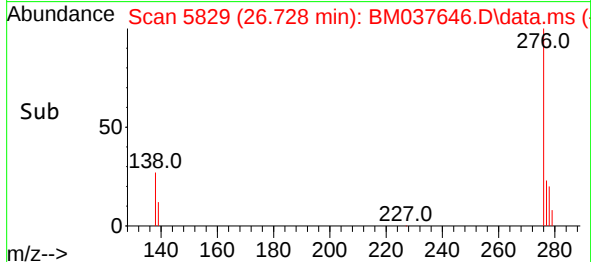
Instrument :
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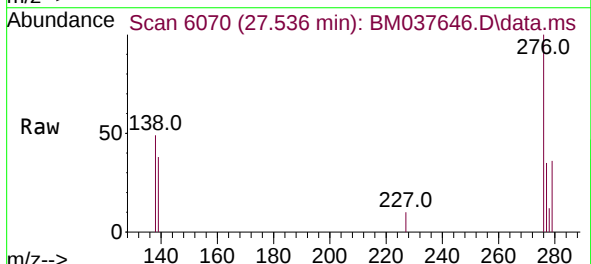
Tgt Ion:276 Resp: 4159
Ion Ratio Lower Upper
276 100
138 39.3 21.2 31.8#
227 0.0 0.1 0.1#

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#29
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 27.536 min Scan# 6070
Delta R.T. 0.003 min
Lab File: BM037646.D
Acq: 22 Nov 2022 17:37



Tgt Ion:276 Resp: 3238
Ion Ratio Lower Upper
276 100
138 48.6 19.0 28.4#
277 35.0 19.4 29.2#

