

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045701.D
 Acq On : 03 May 2024 18:17
 Operator : MA/JU
 Sample : P2234-02DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0SA2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/06/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 23:27:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 03 03:27:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.526	152	348	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.303	136	988	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.177	164	662	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.942	188	1567	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.170	240	1705	0.400	ng/ul	-0.02
23) Perylene-d12	23.341	264	2256m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.150	96	257	0.652	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	63m	0.040	ng/ul	-0.01
18) Fluoranthene-d10	18.983	212	209	0.049	ng/ul	-0.03
Target Compounds						
					Qvalue	
15) Phenanthrene	16.984	178	1193	0.307	ng/ul	95
19) Fluoranthene	19.015	202	3050	0.563	ng/ul#	89
20) Pyrene	19.378	202	2727	0.473	ng/ul#	92
21) Benzo(a)anthracene	21.158	228	934	0.188	ng/ul	95
22) Chrysene	21.205	228	1451	0.206	ng/ul	99
24) Benzo(b)fluoranthene	22.689	252	2345m	0.373	ng/ul	
25) Benzo(k)fluoranthene	22.736	252	851m	0.109	ng/ul	
26) Benzo(a)pyrene	23.245	252	1493	0.214	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.528	276	1443	0.150	ng/ul#	62
28) Dibenzo(a,h)anthracene	25.548	278	287	0.037	ng/ul#	34
29) Benzo(g,h,i)perylene	26.182	276	1493	0.176	ng/ul	97

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

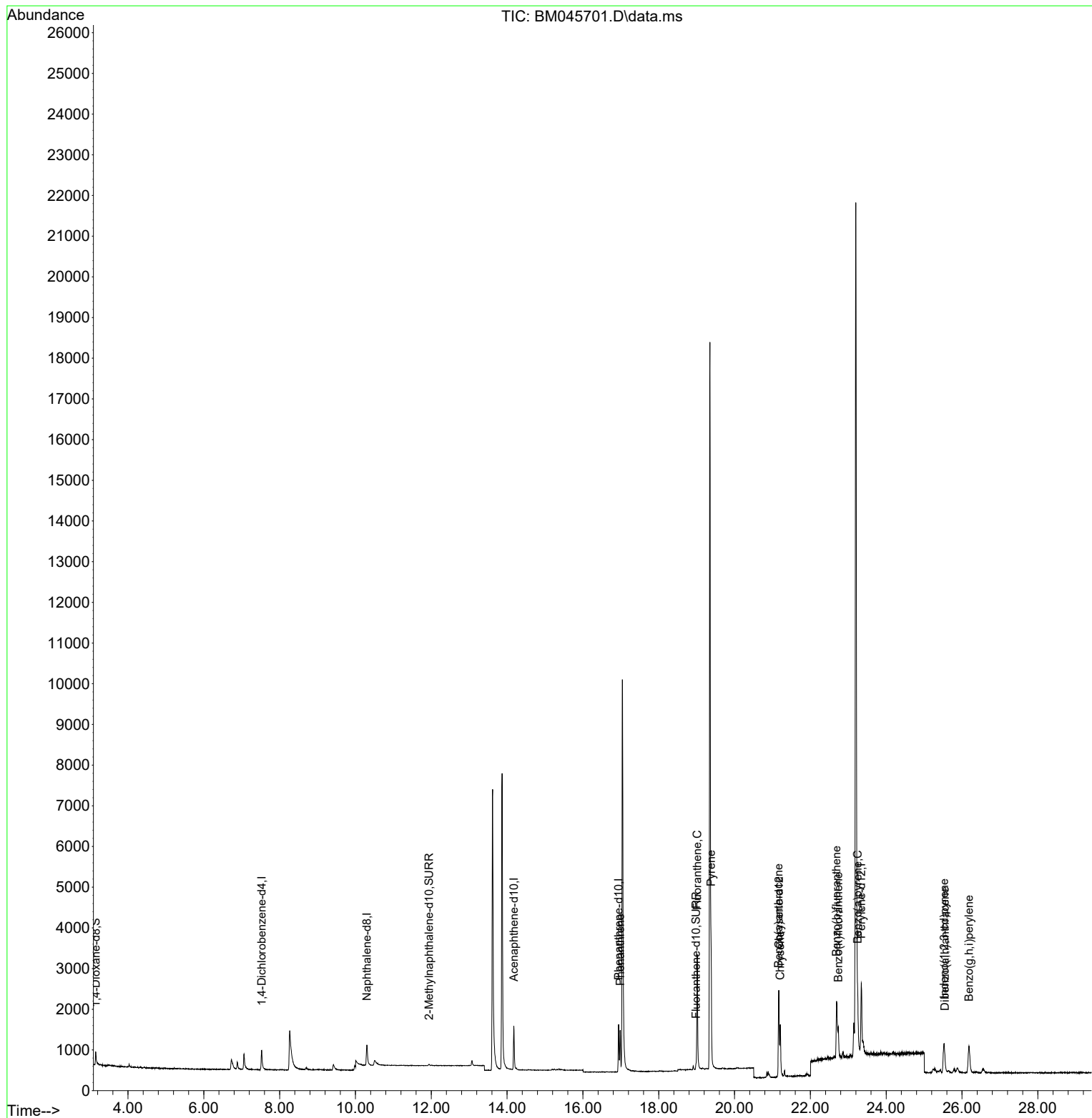
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045701.D
Acq On : 03 May 2024 18:17
Operator : MA/JU
Sample : P2234-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

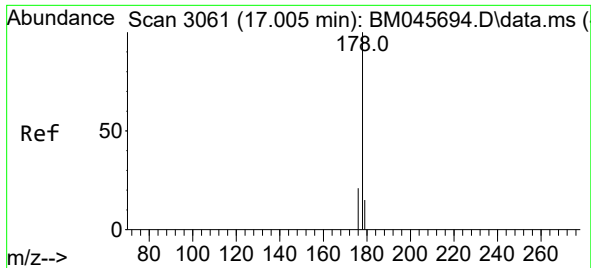
Instrument :
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ClientSampleId :
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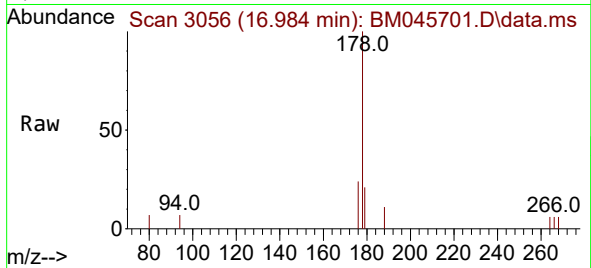
Quant Time: May 03 23:27:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:27:04 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.307 ng/ul
RT: 16.984 min Scan# 3061
Delta R.T. -0.039 min
Lab File: BM045701.D
Acq: 03 May 2024 18:17

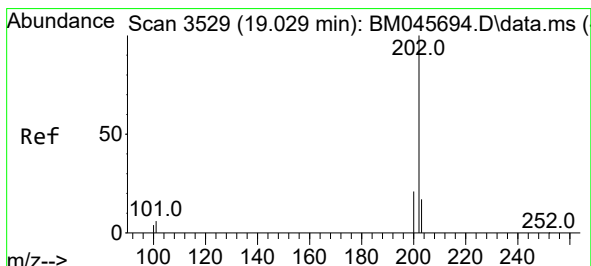
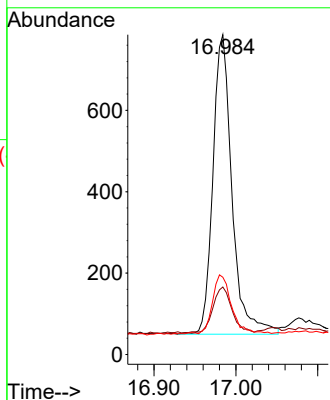
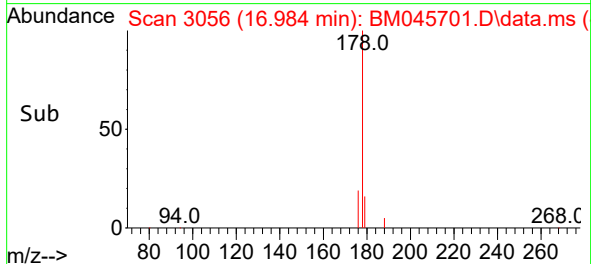
Instrument :
BNA_M
ClientSampleId :
C0SA2DL



Tgt Ion:178 Resp: 119
Ion Ratio Lower Upper
178 100
179 21.1 18.3 27.5
176 24.2 21.8 32.6

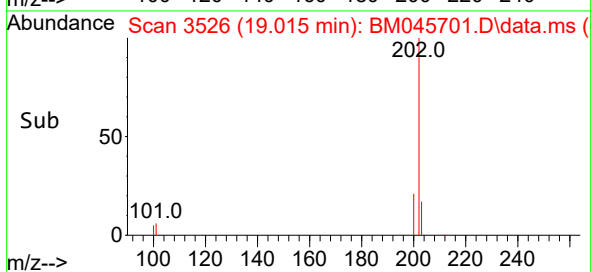
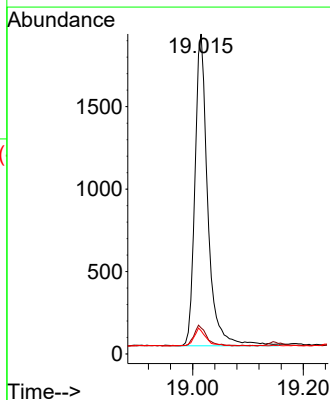
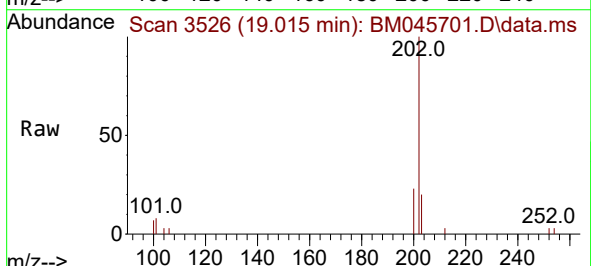
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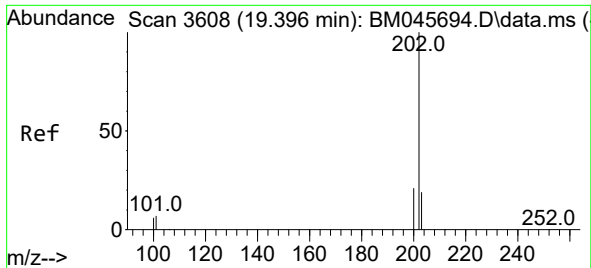
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#19
Fluoranthene
Concen: 0.563 ng/ul
RT: 19.015 min Scan# 3526
Delta R.T. -0.029 min
Lab File: BM045701.D
Acq: 03 May 2024 18:17

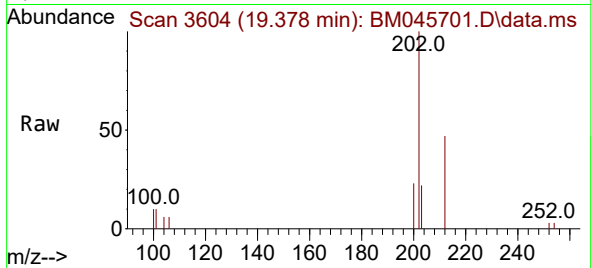
Tgt Ion:202 Resp: 3050
Ion Ratio Lower Upper
202 100
101 8.1 10.1 15.1#
100 7.3 9.4 14.0#





#20
Pyrene
Concen: 0.473 ng/ul
RT: 19.378 min Scan# 30
Delta R.T. -0.033 min
Lab File: BM045701.D
Acq: 03 May 2024 18:17

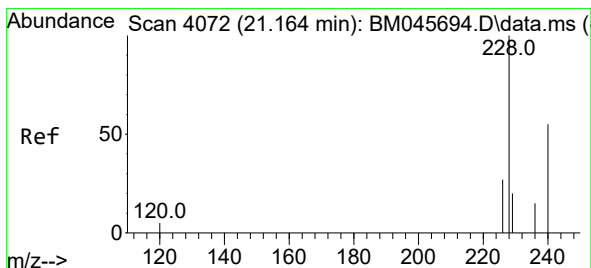
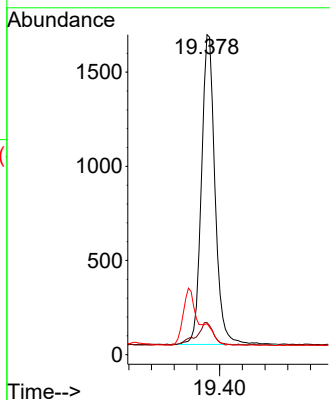
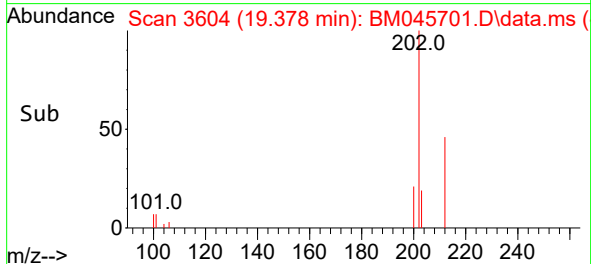
Instrument :
BNA_M
ClientSampleId :
C0SA2DL



Tgt Ion:202 Resp: 272
Ion Ratio Lower Upper
202 100
101 10.1 10.7 16.1
100 9.7 9.8 14.8

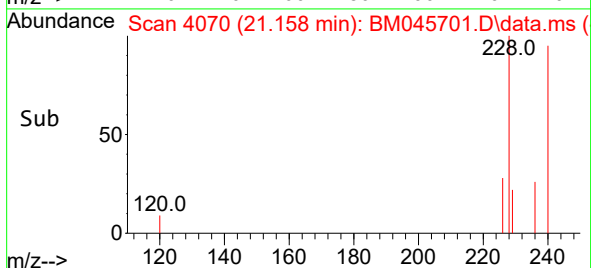
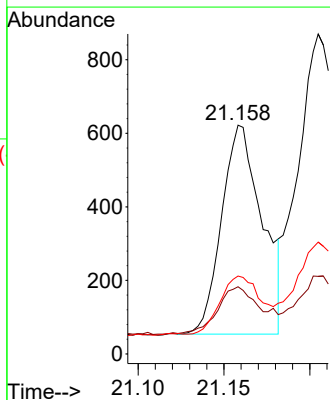
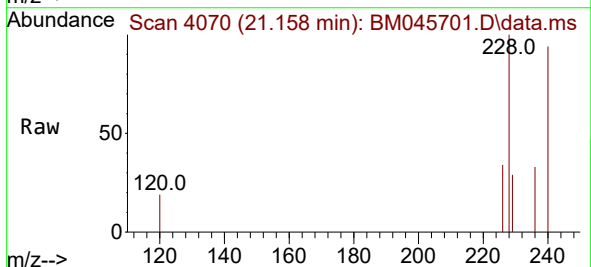
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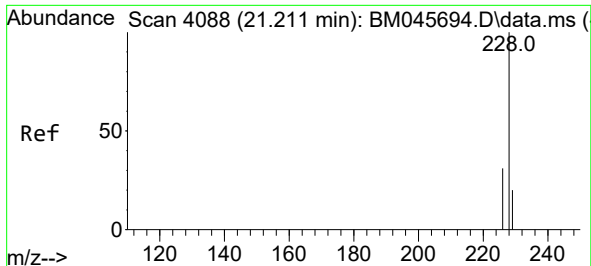
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#21
Benzo(a)anthracene
Concen: 0.188 ng/ul
RT: 21.158 min Scan# 4070
Delta R.T. -0.019 min
Lab File: BM045701.D
Acq: 03 May 2024 18:17

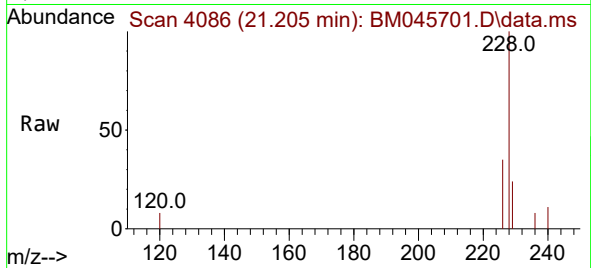
Tgt Ion:228 Resp: 934
Ion Ratio Lower Upper
228 100
229 29.4 21.3 31.9
226 34.1 25.5 38.3





#22
Chrysene
Concen: 0.206 ng/ul
RT: 21.205 min Scan# 4086
Delta R.T. -0.019 min
Lab File: BM045701.D
Acq: 03 May 2024 18:17

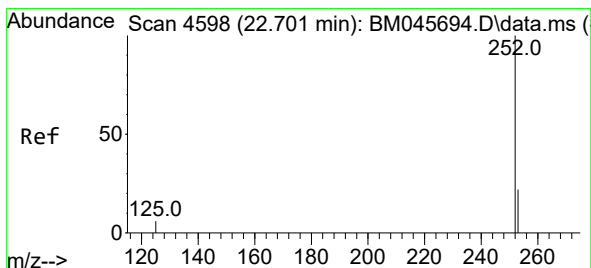
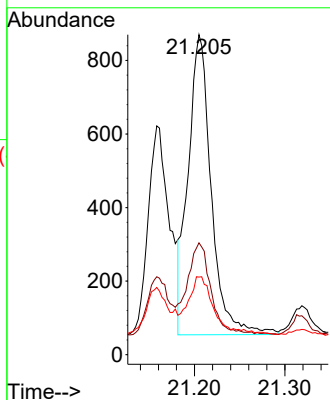
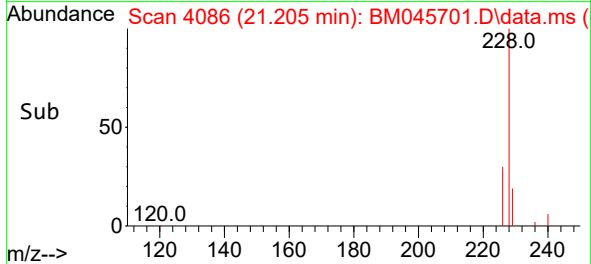
Instrument :
BNA_M
ClientSampleId :
C0SA2DL



Tgt Ion:228 Resp: 145
Ion Ratio Lower Upper
228 100
226 34.9 27.7 41.5
229 24.3 19.7 29.5

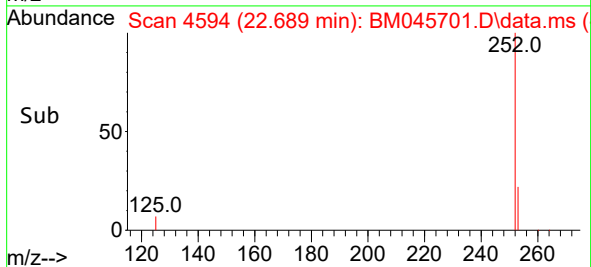
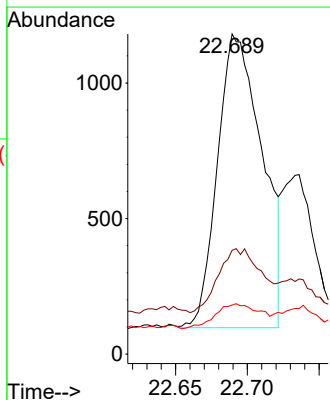
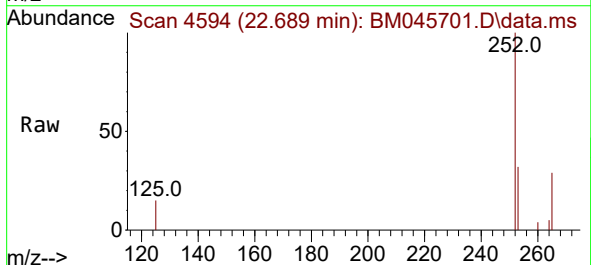
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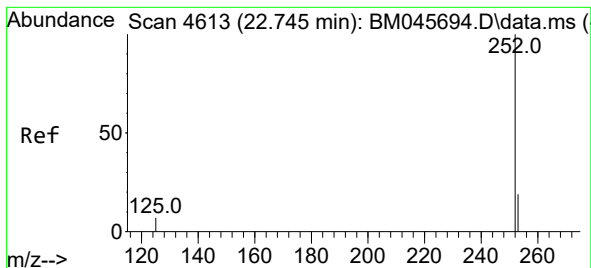
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul m
RT: 22.689 min Scan# 4594
Delta R.T. -0.031 min
Lab File: BM045701.D
Acq: 03 May 2024 18:17

Tgt Ion:252 Resp: 2345
Ion Ratio Lower Upper
252 100
253 32.4 0.0 67.2
125 15.3 0.0 28.0





#25

Benzo(k)fluoranthene

Concen: 0.109 ng/ul m

RT: 22.736 min Scan# 4

Delta R.T. -0.028 min

Lab File: BM045701.D

Acq: 03 May 2024 18:17

Instrument :

BNA_M

ClientSampleId :

C0SA2DL

Tgt Ion:252 Resp: 85

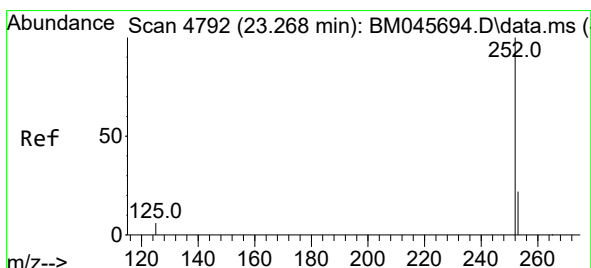
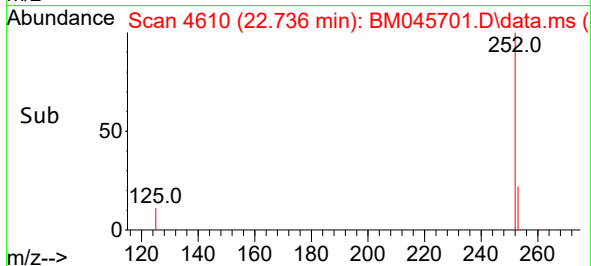
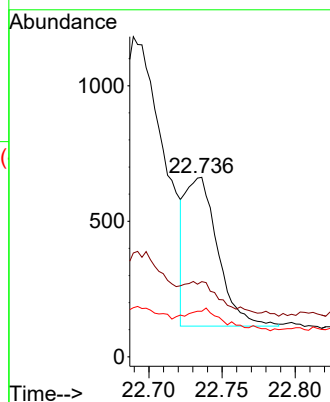
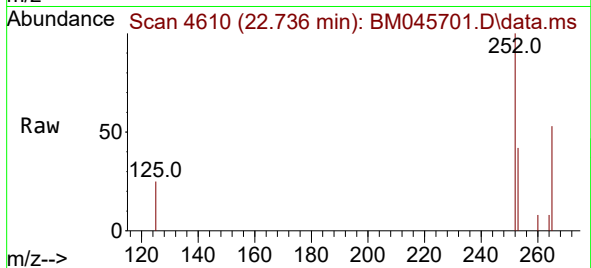
Ion	Ratio	Lower	Upper
252	100		
253	41.8	27.8	41.6
125	25.4	11.9	17.9

Manual Integrations

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Supervised By :mohammad ahmed 05/06/2024



#26

Benzo(a)pyrene

Concen: 0.214 ng/ul

RT: 23.245 min Scan# 4784

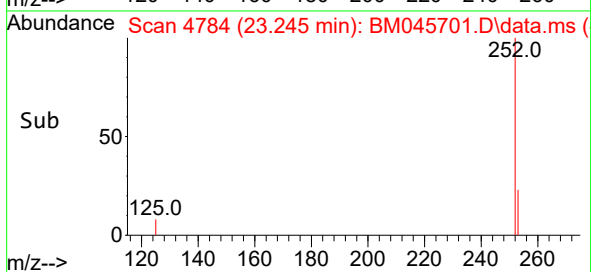
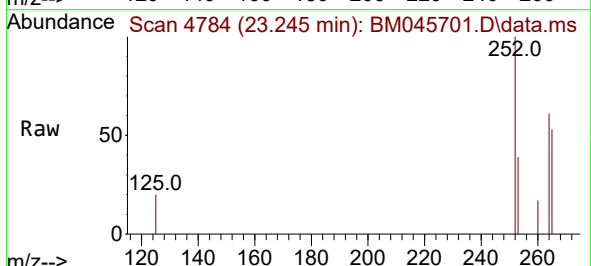
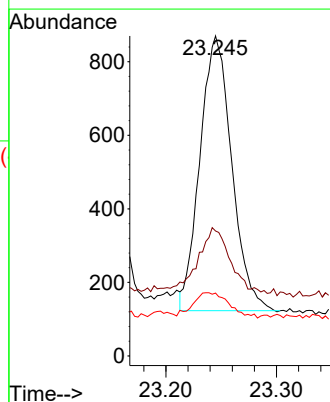
Delta R.T. -0.043 min

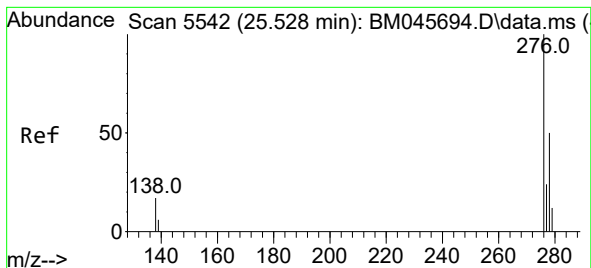
Lab File: BM045701.D

Acq: 03 May 2024 18:17

Tgt Ion:252 Resp: 1493

Ion	Ratio	Lower	Upper
252	100		
253	39.1	31.7	47.5
125	19.7	15.8	23.6





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.150 ng/ul

RT: 25.528 min Scan# 5542

Delta R.T. -0.039 min

Lab File: BM045701.D

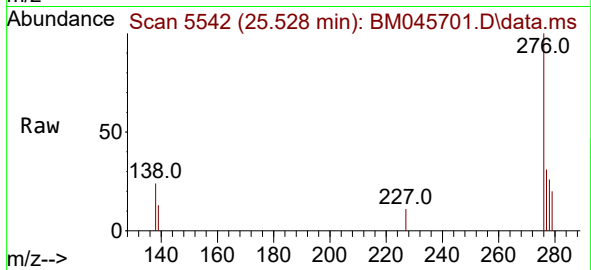
Acq: 03 May 2024 18:17

Instrument :

BNA_M

ClientSampleId :

C0SA2DL



Tgt Ion:276 Resp: 144

Ion Ratio Lower Upper

276 100

138 0.0 13.1 19.7

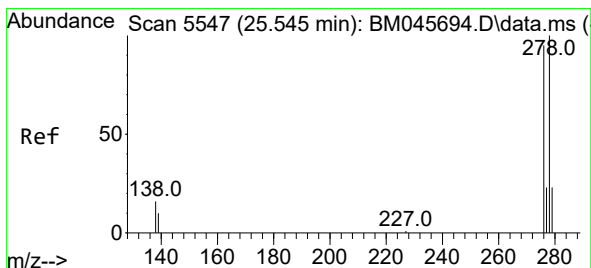
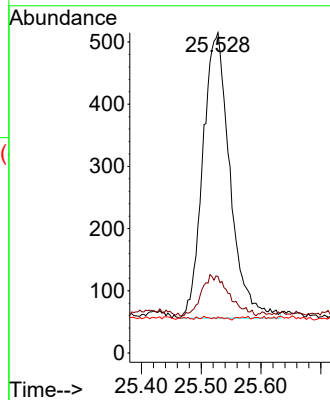
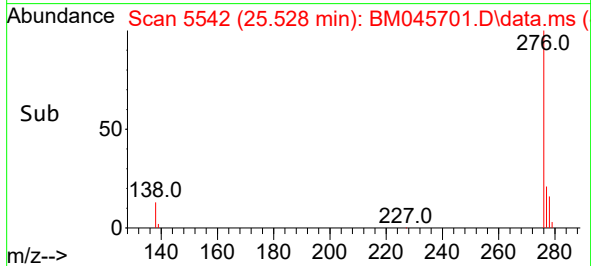
227 0.3 0.2 0.2

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.037 ng/ul

RT: 25.548 min Scan# 5548

Delta R.T. -0.039 min

Lab File: BM045701.D

Acq: 03 May 2024 18:17

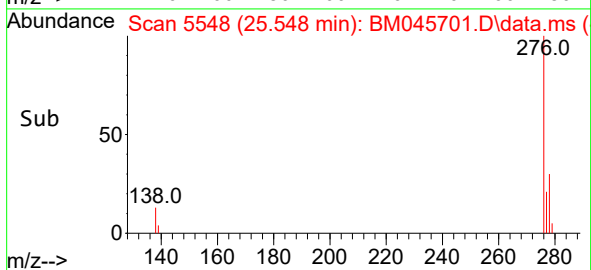
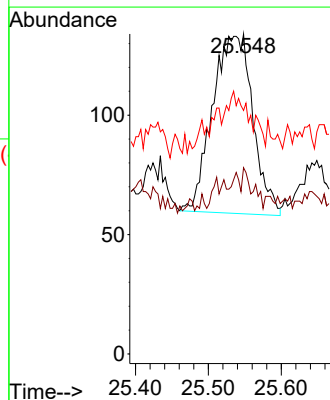
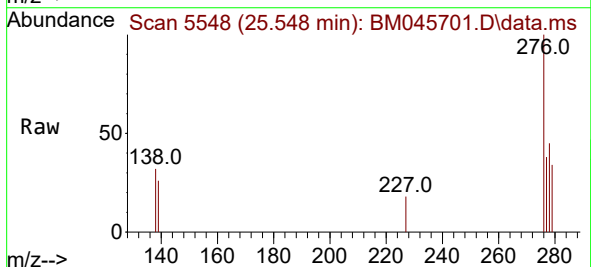
Tgt Ion:278 Resp: 287

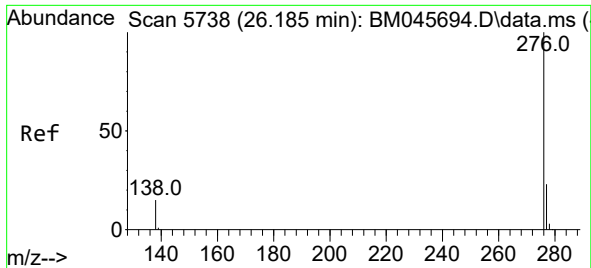
Ion Ratio Lower Upper

278 100

139 58.2 16.9 25.3#

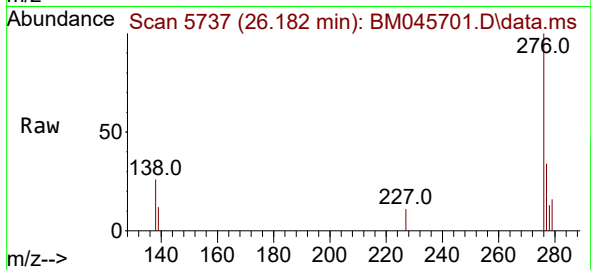
279 76.1 31.8 47.8#





#29
Benzo(g,h,i)perylene
Concen: 0.176 ng/ul
RT: 26.182 min Scan# 51
Delta R.T. -0.043 min
Lab File: BM045701.D
Acq: 03 May 2024 18:17

Instrument :
BNA_M
ClientSampleId :
C0SA2DL



Tgt Ion:	276	Resp:	149
Ion	Ratio	Lower	Upper
276	100		
138	26.2	18.8	28.2
277	33.6	27.1	40.7

Manual Integrations
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