

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041842.D
 Acq On : 13 Sep 2023 22:28
 Operator : MA/JU
 Sample : 04235-01DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYD8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 14 03:38:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	7424	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	18343	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	8738	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	18301	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	9861	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	10959	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	4942	0.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	707	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	1245	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.409	178	3976	0.050	ng/ul	96
19) Fluoranthene	19.417	202	12112	0.159	ng/ul	99
20) Pyrene	19.780	202	12441	0.156	ng/ul#	94
21) Benzo(a)anthracene	21.518	228	10826	0.166	ng/ul	99
22) Chrysene	21.571	228	12443	0.187	ng/ul	98
24) Benzo(b)fluoranthene	23.208	252	33334	0.427	ng/ul	98
25) Benzo(k)fluoranthene	23.251	252	11465m	0.160	ng/ul	
26) Benzo(a)pyrene	23.842	252	21891	0.368	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.444	276	25390	0.278	ng/ul	94
28) Dibenzo(a,h)anthracene	26.465	278	5968	0.088	ng/ul#	87
29) Benzo(g,h,i)perylene	27.226	276	26507	0.343	ng/ul	98

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

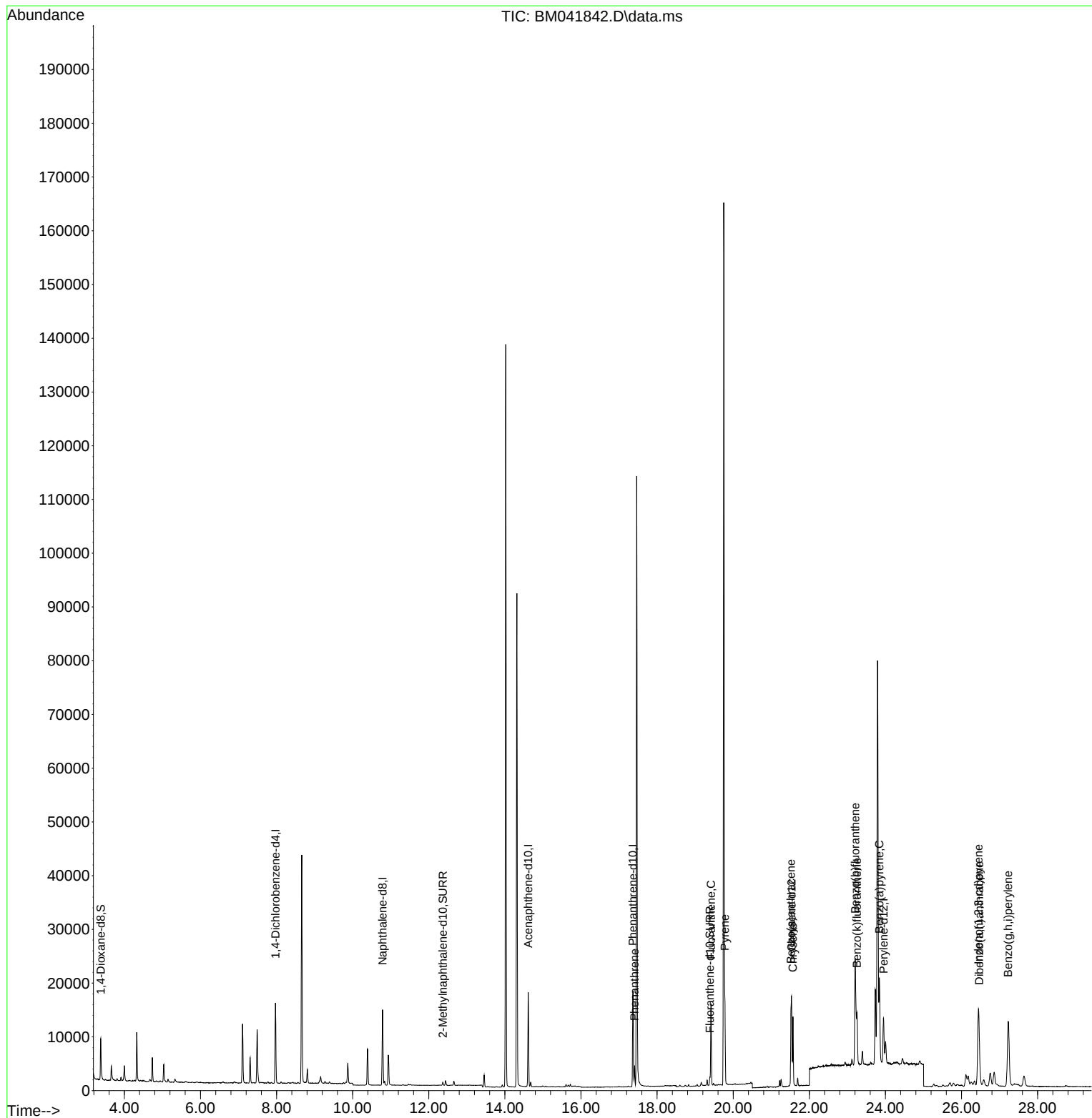
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041842.D
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ALS Vial : 18 Sample Multiplier: 1

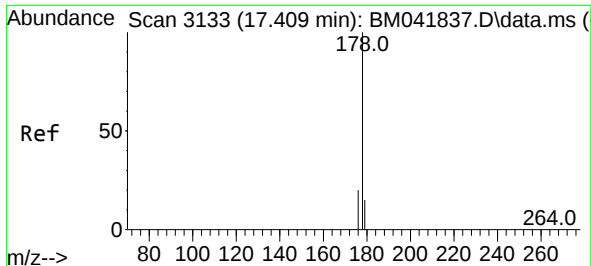
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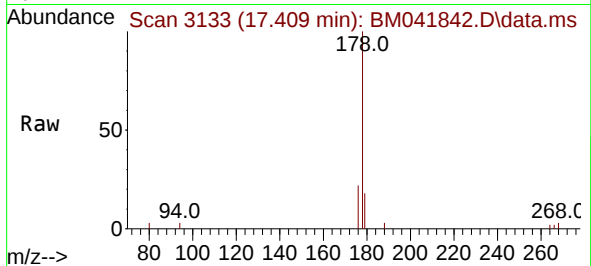
Quant Time: Sep 14 03:38:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.050 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM041842.D
Acq: 13 Sep 2023 22:28

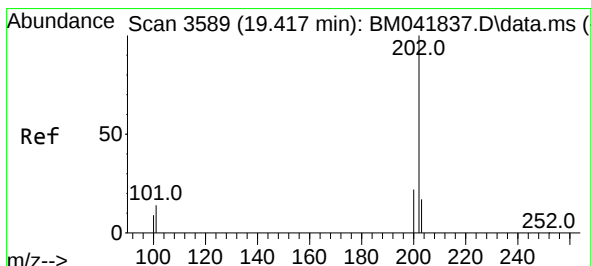
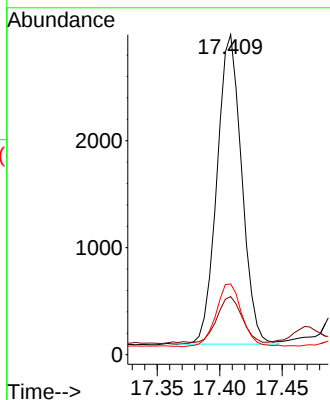
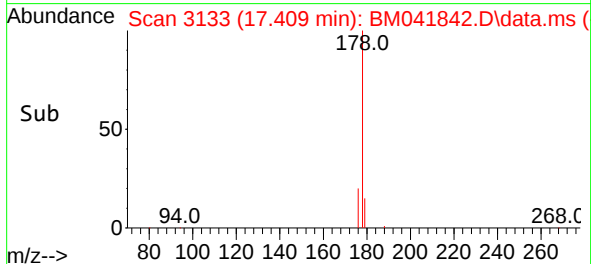
Instrument :
BNA_M
ClientSampleId :
EZYD8DL



Tgt Ion:178 Resp: 3970
Ion Ratio Lower Upper
178 100
179 18.2 12.6 19.0
176 22.1 16.6 25.0

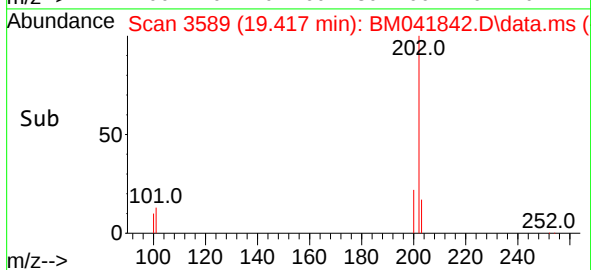
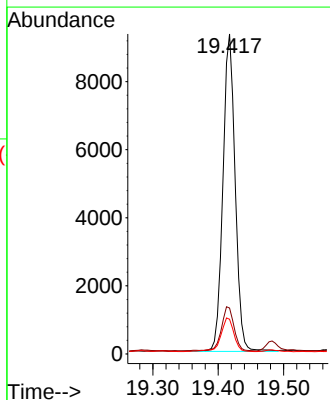
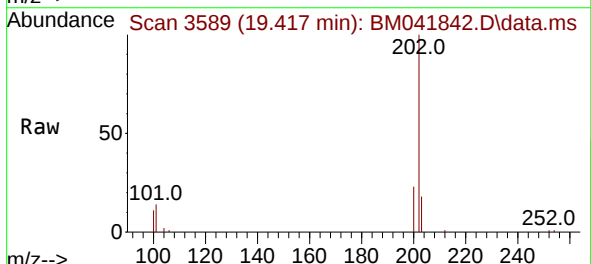
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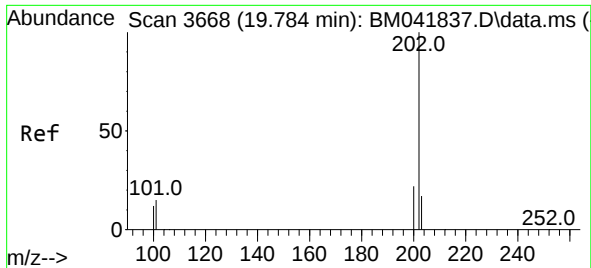
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#19
Fluoranthene
Concen: 0.159 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM041842.D
Acq: 13 Sep 2023 22:28

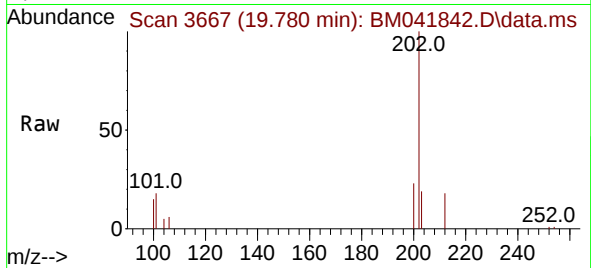
Tgt Ion:202 Resp: 12112
Ion Ratio Lower Upper
202 100
101 14.3 11.0 16.6
100 10.9 8.2 12.4





#20
Pyrene
Concen: 0.156 ng/ul
RT: 19.780 min Scan# 3667
Delta R.T. -0.005 min
Lab File: BM041842.D
Acq: 13 Sep 2023 22:28

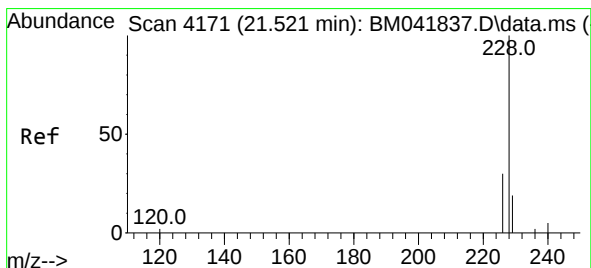
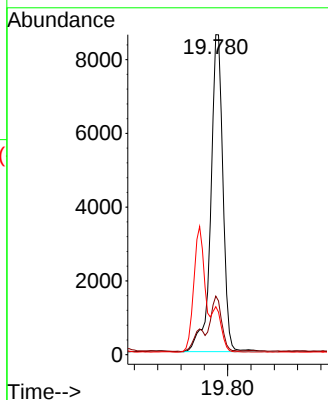
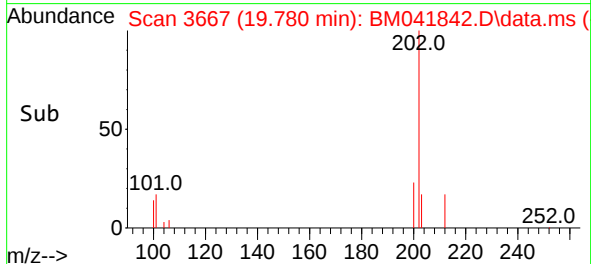
Instrument :
BNA_M
ClientSampleId :
EZYD8DL



Tgt Ion:202 Resp: 1244
Ion Ratio Lower Upper
202 100
101 18.3 12.6 19.0
100 15.0 9.9 14.9

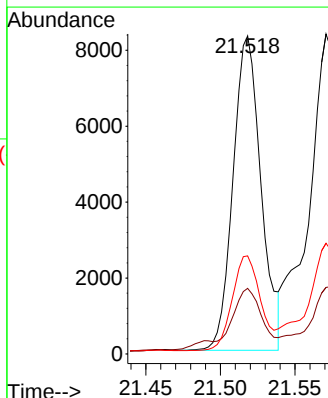
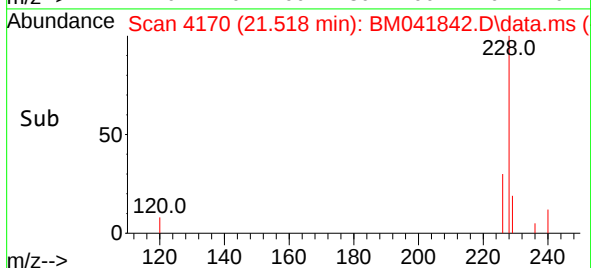
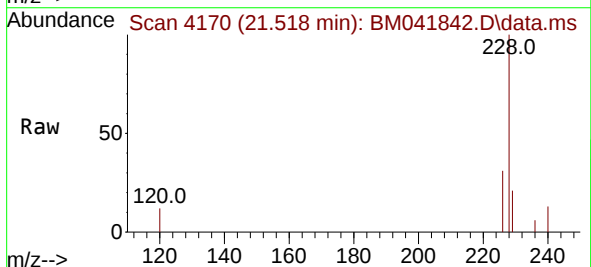
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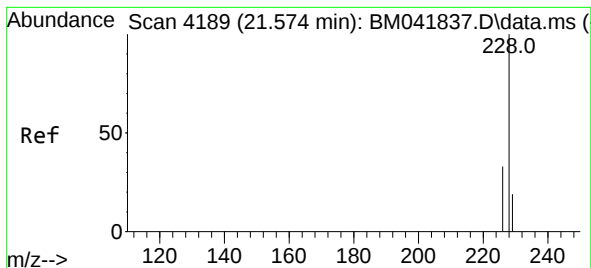
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#21
Benzo(a)anthracene
Concen: 0.166 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM041842.D
Acq: 13 Sep 2023 22:28

Tgt Ion:228 Resp: 10826
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 30.8 24.3 36.5





#22

Chrysene

Concen: 0.187 ng/ul

RT: 21.571 min Scan# 4189

Delta R.T. -0.006 min

Lab File: BM041842.D

Acq: 13 Sep 2023 22:28

Instrument :

BNA_M

ClientSampleId :

EZYD8DL

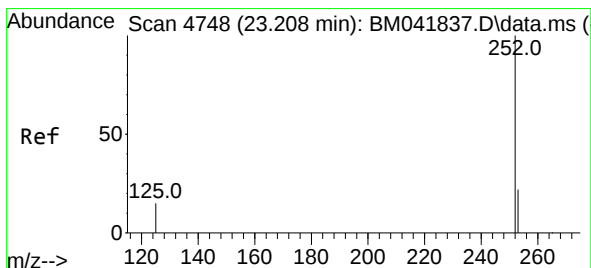
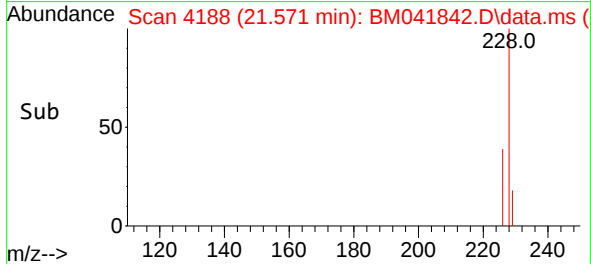
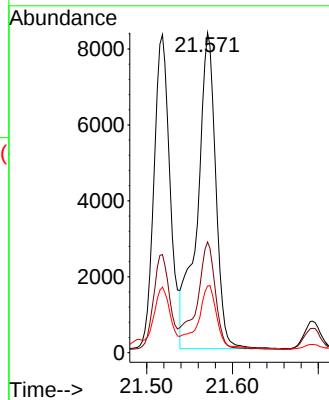
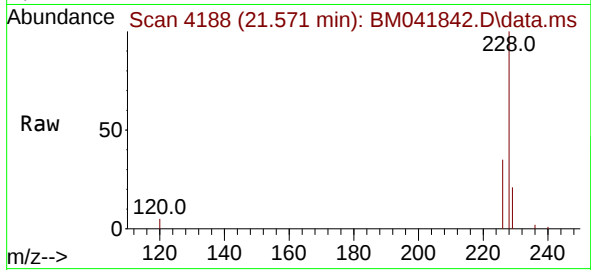
Tgt Ion:	228	Resp:	1244
Ion Ratio	Lower	Upper	
228	100		
226	34.6	27.0	40.4
229	20.8	15.7	23.5

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 0.427 ng/ul

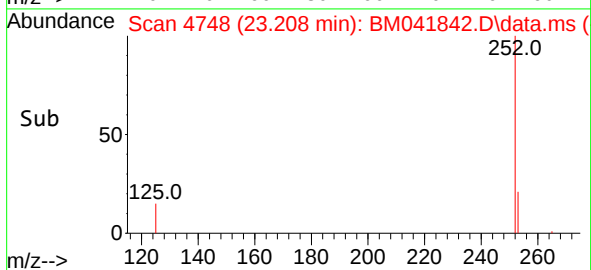
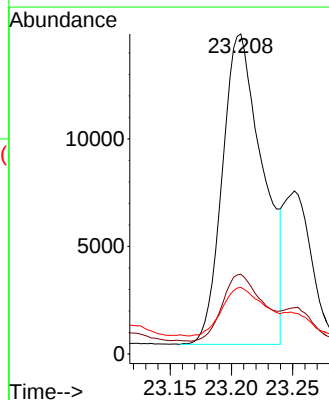
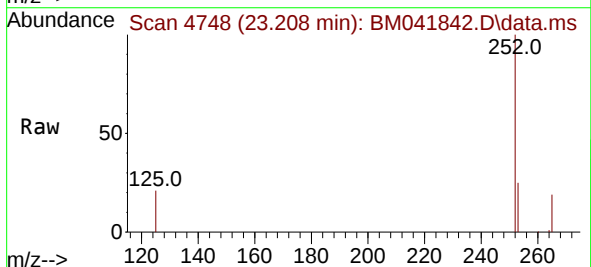
RT: 23.208 min Scan# 4748

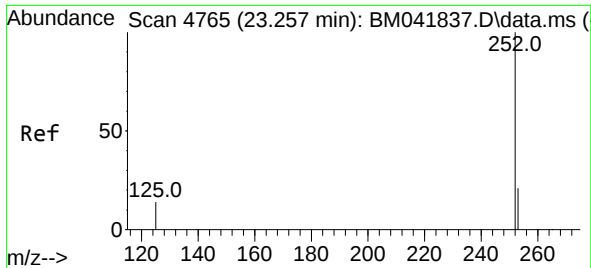
Delta R.T. -0.000 min

Lab File: BM041842.D

Acq: 13 Sep 2023 22:28

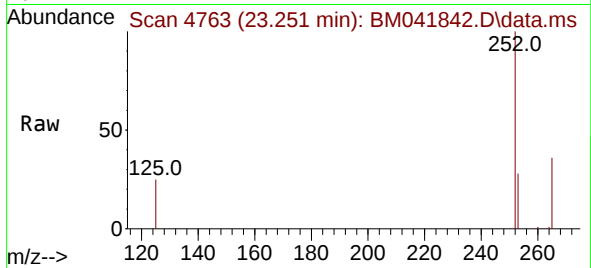
Tgt Ion:	252	Resp:	33334
Ion Ratio	Lower	Upper	
252	100		
253	24.9	0.0	51.0
125	20.8	0.0	39.8





#25
Benzo(k)fluoranthene
Concen: 0.160 ng/ul m
RT: 23.251 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM041842.D
Acq: 13 Sep 2023 22:28

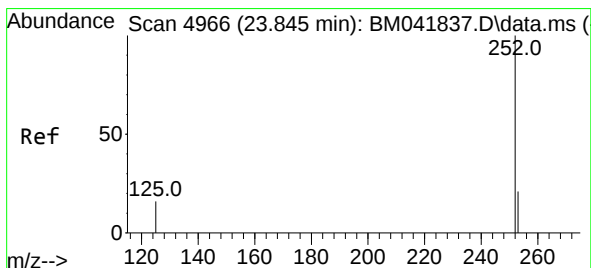
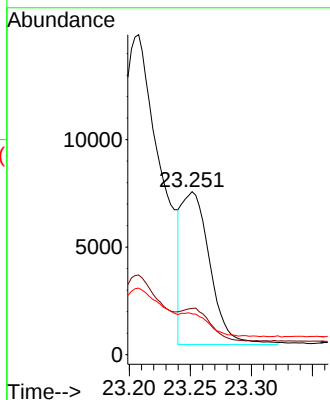
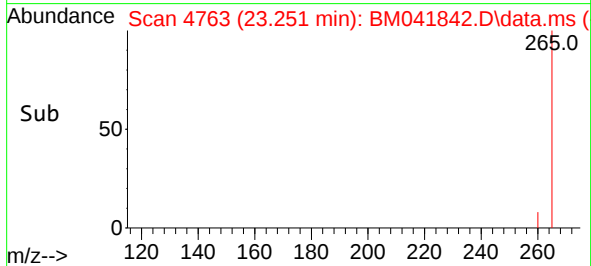
Instrument :
BNA_M
ClientSampleId :
EZYD8DL



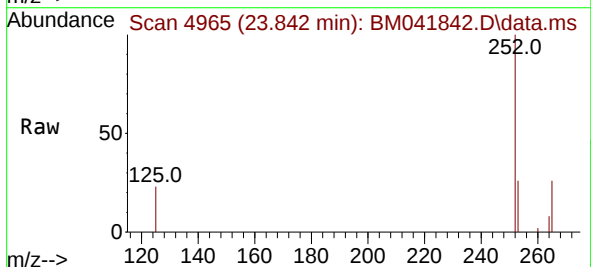
Tgt Ion:252 Resp: 1146
Ion Ratio Lower Upper
252 100
253 28.3 20.2 30.2
125 25.0 15.8 23.8

Manual Integrations
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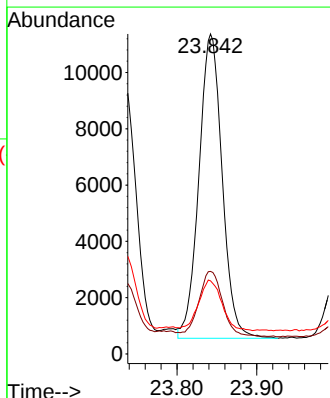
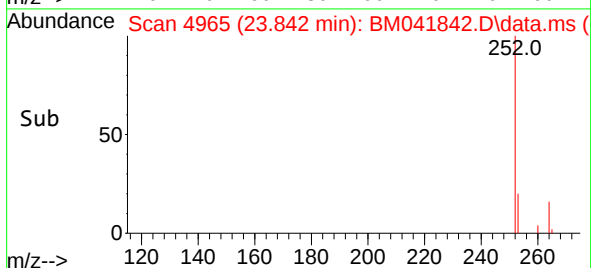
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

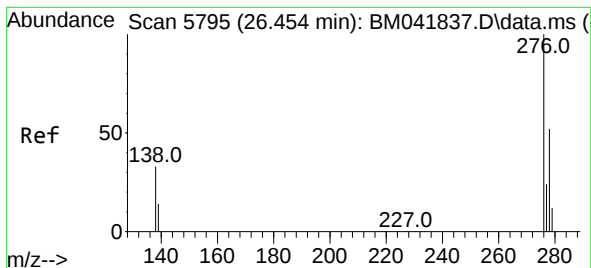


#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.842 min Scan# 4965
Delta R.T. -0.003 min
Lab File: BM041842.D
Acq: 13 Sep 2023 22:28



Tgt Ion:252 Resp: 21891
Ion Ratio Lower Upper
252 100
253 25.8 21.8 32.8
125 22.9 18.8 28.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.278 ng/ul

RT: 26.444 min Scan# 5792

Delta R.T. -0.010 min

Lab File: BM041842.D

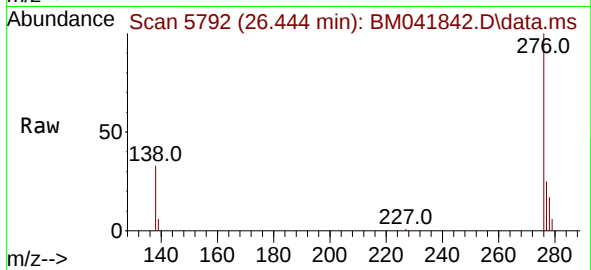
Acq: 13 Sep 2023 22:28

Instrument :

BNA_M

ClientSampleId :

EZYD8DL



Tgt Ion:276 Resp: 25390

Ion Ratio Lower Upper

276 100

138 31.3 27.7 41.5

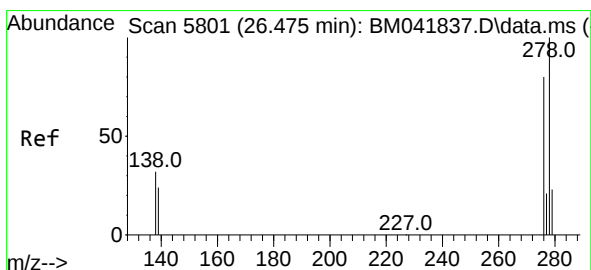
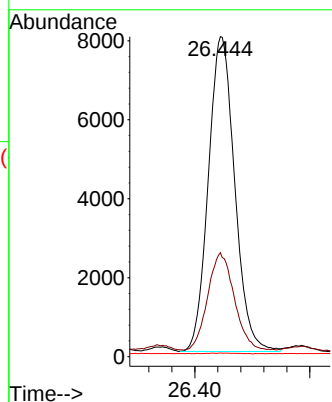
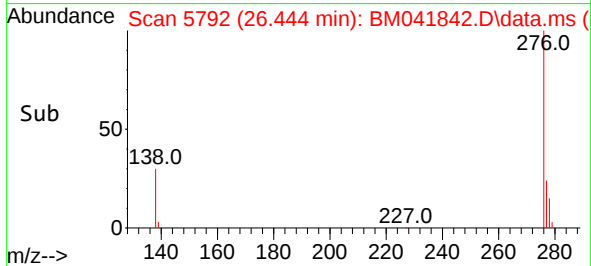
227 0.1 0.1 0.1

Manual Integrations

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Supervised By :mohammad ahmed 09/15/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.088 ng/ul

RT: 26.465 min Scan# 5798

Delta R.T. -0.010 min

Lab File: BM041842.D

Acq: 13 Sep 2023 22:28

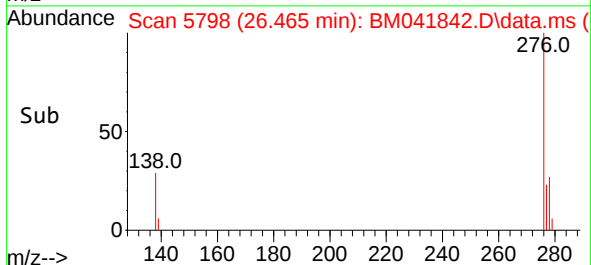
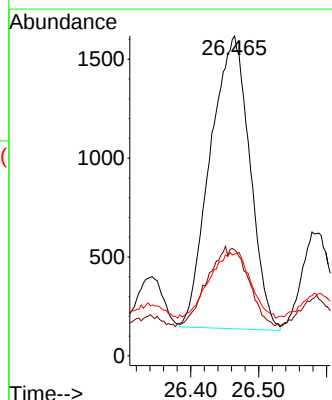
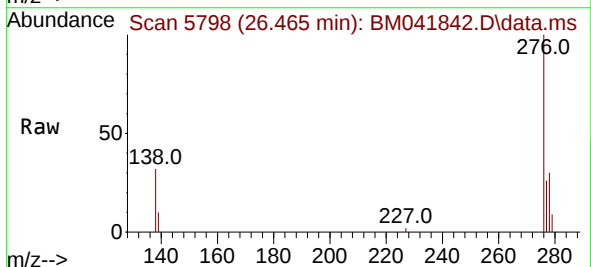
Tgt Ion:278 Resp: 5968

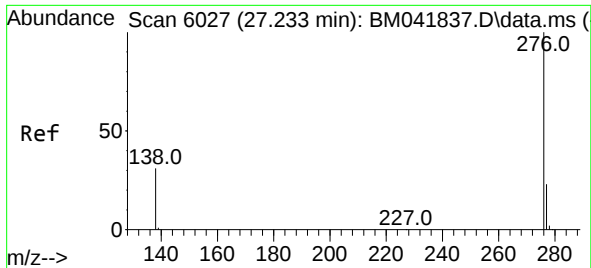
Ion Ratio Lower Upper

278 100

139 33.1 20.9 31.3#

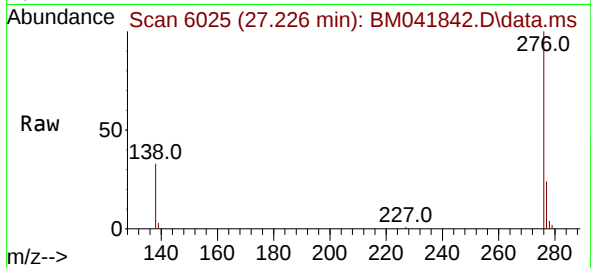
279 31.8 20.3 30.5#





#29
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 27.226 min Scan# 6025
Delta R.T. -0.010 min
Lab File: BM041842.D
Acq: 13 Sep 2023 22:28

Instrument :
BNA_M
ClientSampleId :
EZYD8DL



Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.9	24.7	37.1
277	24.5	19.3	28.9

Manual Integrations
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