

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045510.D
 Acq On : 23 Apr 2024 12:37
 Operator : MA/JU
 Sample : P2104-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/26/2024

Quant Time: Apr 24 04:50:16 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 : Wed Apr 24 04:47:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	1620	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	4477	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.205	164	2112	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188	3985m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.190	240	3504	0.400	ng/ul	-0.01
23) Perylene-d12	23.373	264	4517m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	7601	3.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	1432	0.243	ng/ul	-0.03
18) Fluoranthene-d10	19.010	212	2269	0.206	ng/ul	-0.01
Target Compounds						
10) Acenaphthylene	13.923	152	485	0.047	ng/ul#	Qvalue 69
15) Phenanthrene	17.005	178	895m	0.077	ng/ul	
19) Fluoranthene	19.038	202	3131	0.194	ng/ul	97
20) Pyrene	19.401	202	2568m	0.155	ng/ul	
21) Benzo(a)anthracene	21.176	228	1680	0.150	ng/ul#	81
22) Chrysene	21.225	228	1553	0.090	ng/ul#	84
24) Benzo(b)fluoranthene	22.721	252	2972m	0.196	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	1146m	0.060	ng/ul	
26) Benzo(a)pyrene	23.274	252	1951	0.124	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.568	276	2000	0.087	ng/ul#	95
29) Benzo(g,h,i)perylene	26.232	276	2016	0.098	ng/ul#	74

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

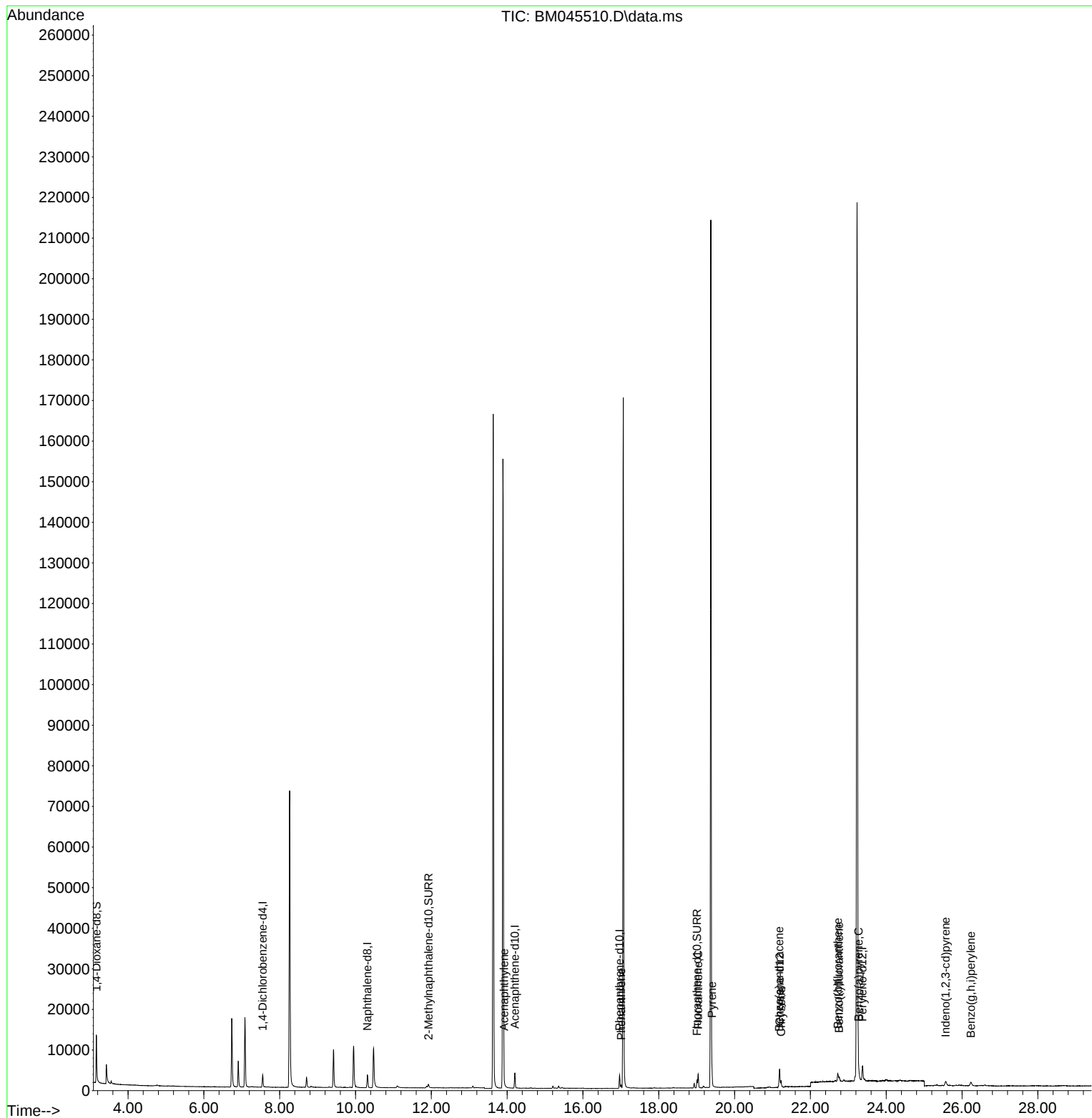
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045510.D
Acq On : 23 Apr 2024 12:37
Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

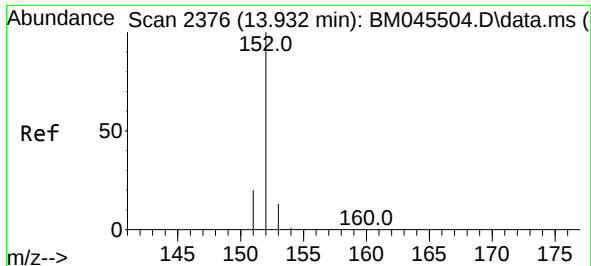
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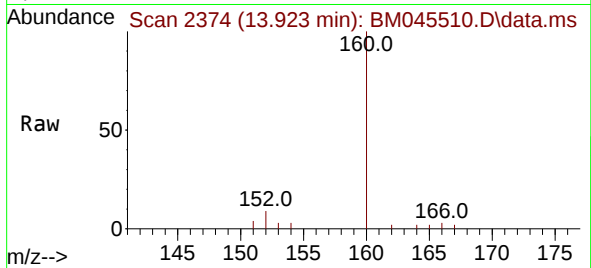
Quant Time: Apr 24 04:50:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 04:47:50 2024
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#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 13.923 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM045510.D
Acq: 23 Apr 2024 12:37

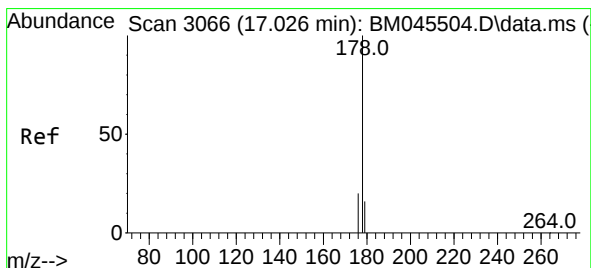
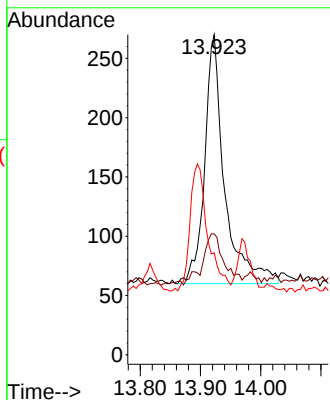
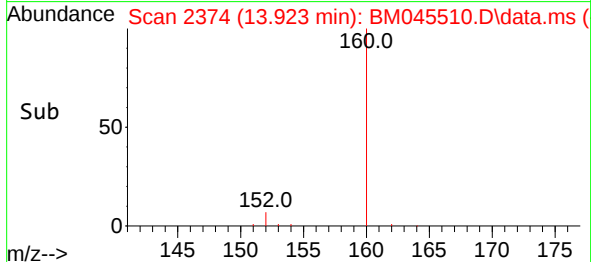
Instrument :
BNA_M
ClientSampleId :
C0AB1



Tgt Ion:152 Resp: 485
Ion Ratio Lower Upper
152 100
151 37.8 18.6 28.0
153 31.9 14.1 21.1

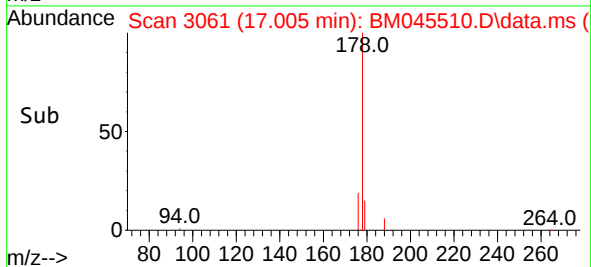
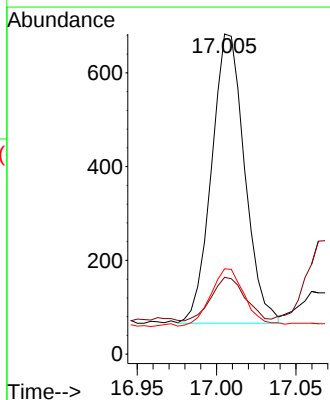
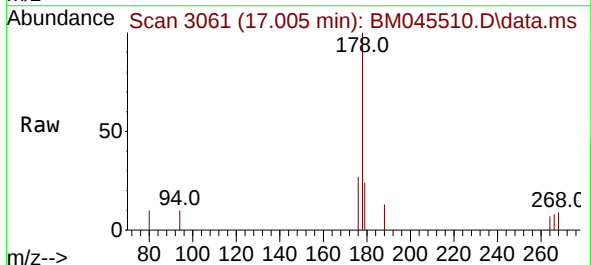
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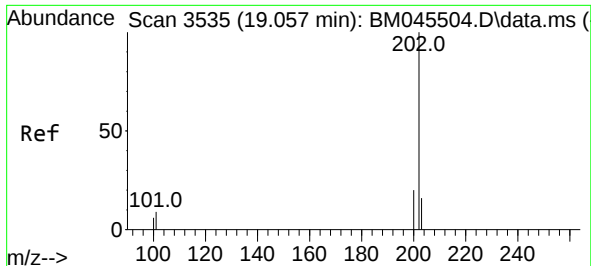
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#15
Phenanthrene
Concen: 0.077 ng/ul m
RT: 17.005 min Scan# 3061
Delta R.T. -0.021 min
Lab File: BM045510.D
Acq: 23 Apr 2024 12:37

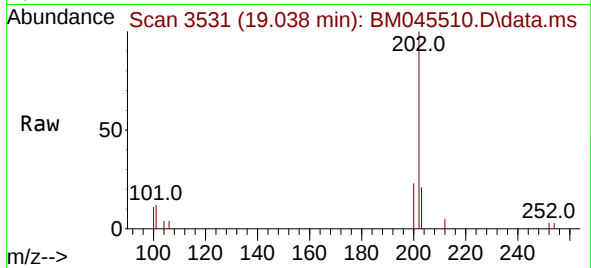
Tgt Ion:178 Resp: 895
Ion Ratio Lower Upper
178 100
179 24.0 15.4 23.2
176 26.6 19.0 28.4





#19
Fluoranthene
Concen: 0.194 ng/ul
RT: 19.038 min Scan# 313
Delta R.T. -0.019 min
Lab File: BM045510.D
Acq: 23 Apr 2024 12:37

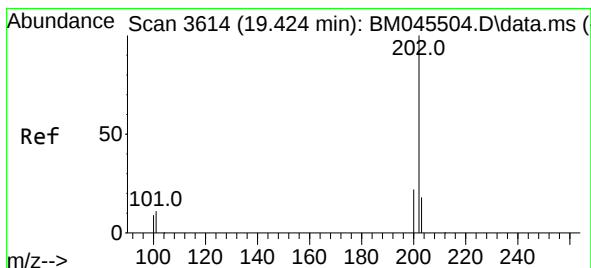
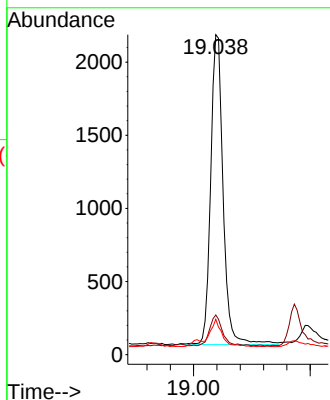
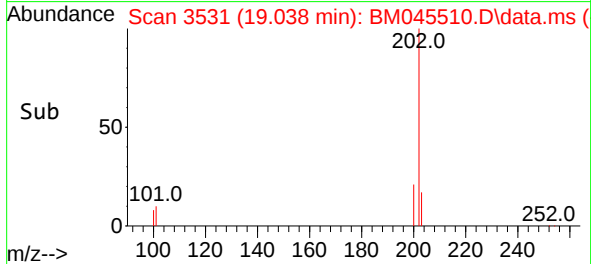
Instrument :
BNA_M
ClientSampleId :
C0AB1



Tgt Ion:202 Resp: 313
Ion Ratio Lower Upper
202 100
101 12.4 11.2 16.8
100 11.0 9.1 13.7

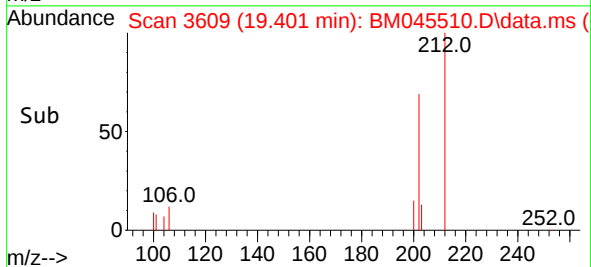
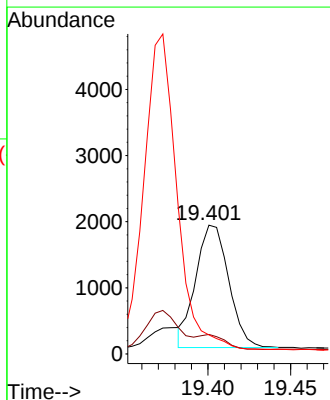
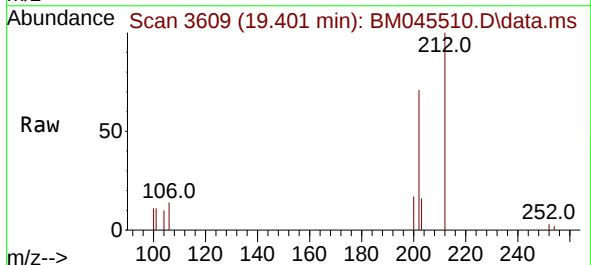
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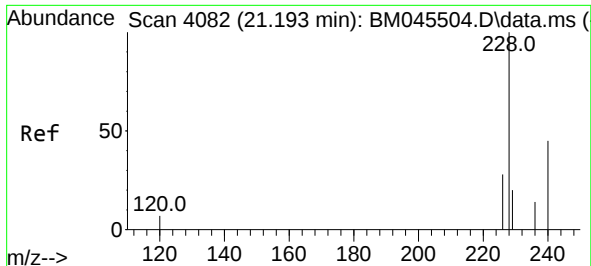
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#20
Pyrene
Concen: 0.155 ng/ul m
RT: 19.401 min Scan# 3609
Delta R.T. -0.023 min
Lab File: BM045510.D
Acq: 23 Apr 2024 12:37

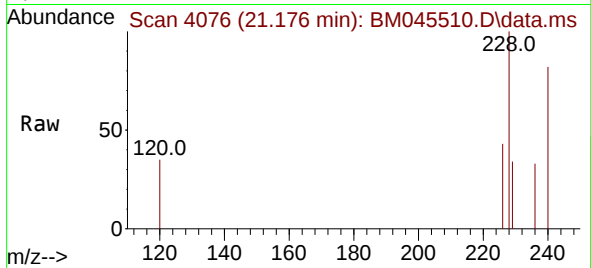
Tgt Ion:202 Resp: 2568
Ion Ratio Lower Upper
202 100
101 15.2 11.5 17.3
100 14.8 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.150 ng/ul
RT: 21.176 min Scan# 4076
Delta R.T. -0.017 min
Lab File: BM045510.D
Acq: 23 Apr 2024 12:37

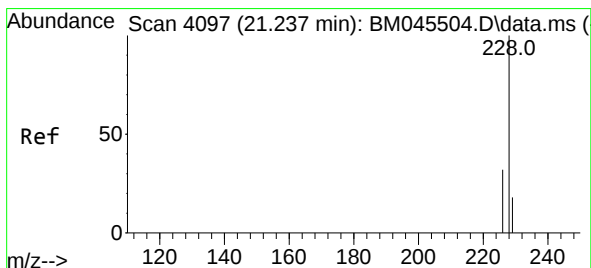
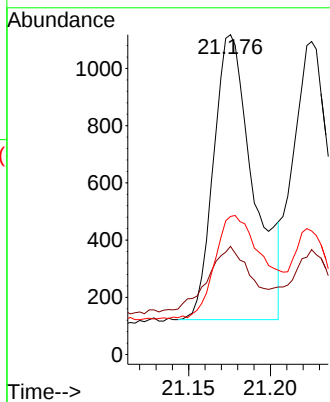
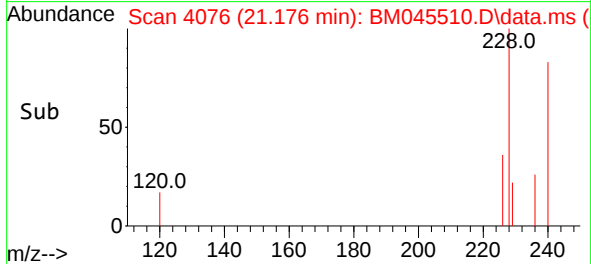
Instrument :
BNA_M
ClientSampleId :
C0AB1



Tgt Ion:228 Resp: 1680
Ion Ratio Lower Upper
228 100
229 33.8 19.4 29.2
226 43.2 26.3 39.5

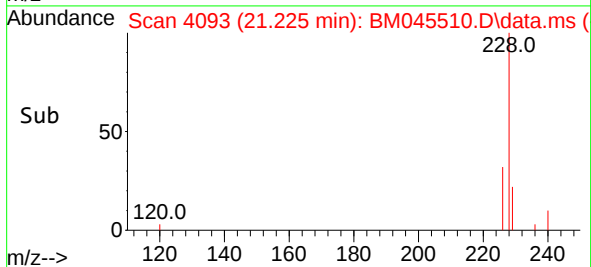
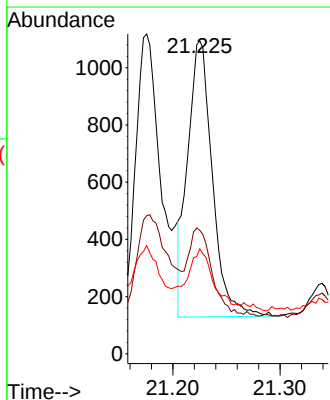
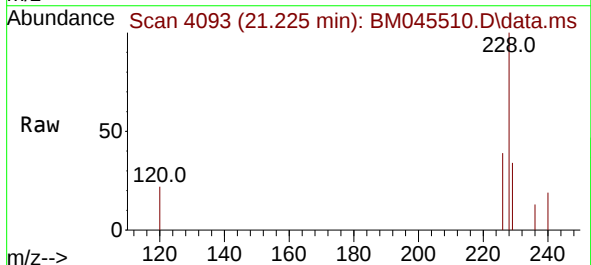
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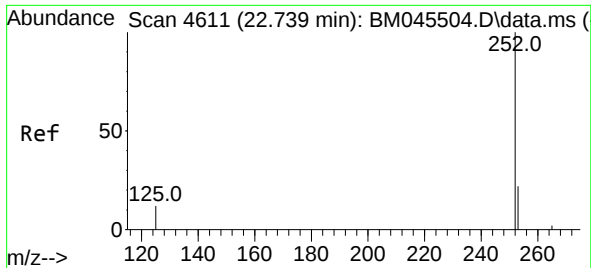
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#22
Chrysene
Concen: 0.090 ng/ul
RT: 21.225 min Scan# 4093
Delta R.T. -0.012 min
Lab File: BM045510.D
Acq: 23 Apr 2024 12:37

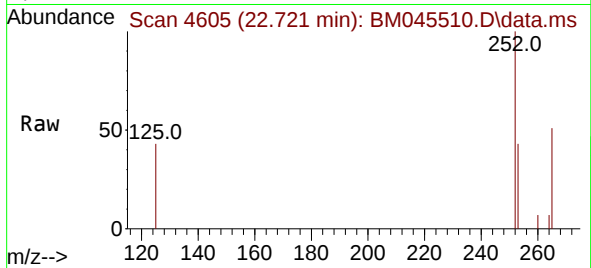
Tgt Ion:228 Resp: 1553
Ion Ratio Lower Upper
228 100
226 39.5 26.3 39.5#
229 33.5 17.8 26.8#





#24
Benzo(b)fluoranthene
Concen: 0.196 ng/ul m
RT: 22.721 min Scan# 4605
Delta R.T. -0.018 min
Lab File: BM045510.D
Acq: 23 Apr 2024 12:37

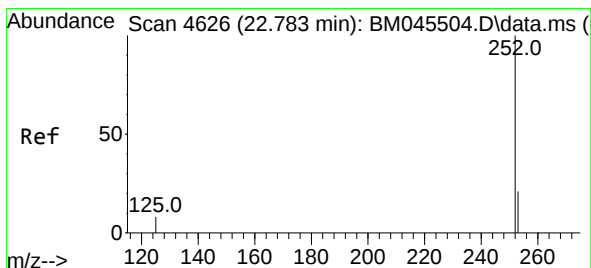
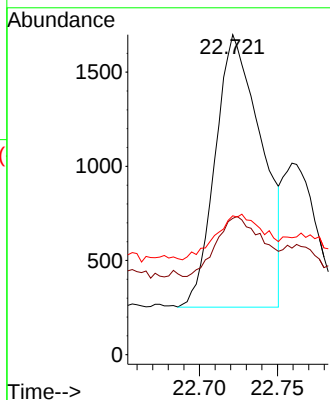
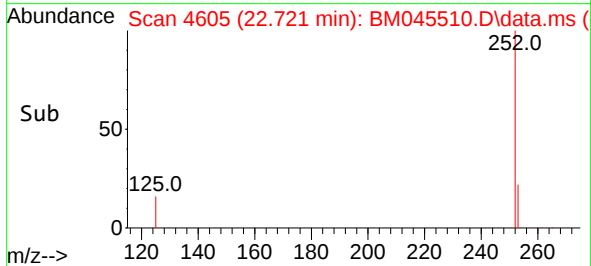
Instrument :
BNA_M
ClientSampleId :
C0AB1



Tgt Ion:252 Resp: 2972
Ion Ratio Lower Upper
252 100
253 42.6 0.0 63.4
125 43.4 0.0 36.8

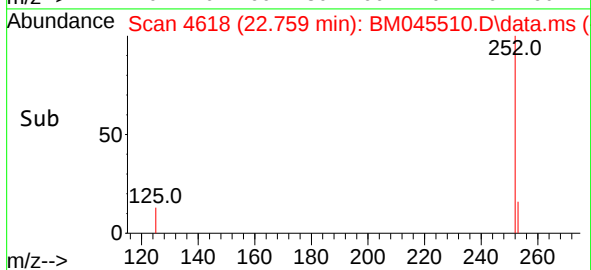
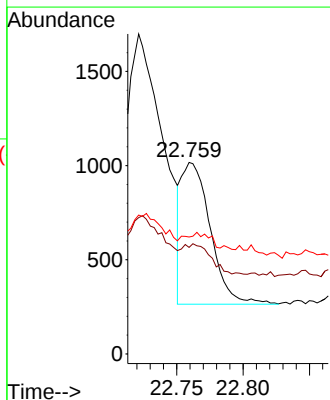
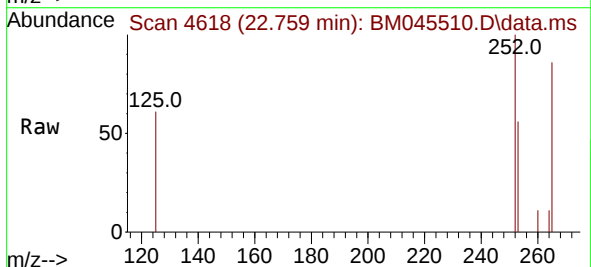
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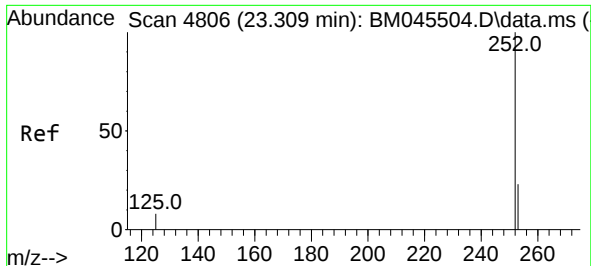
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.060 ng/ul m
RT: 22.759 min Scan# 4618
Delta R.T. -0.023 min
Lab File: BM045510.D
Acq: 23 Apr 2024 12:37

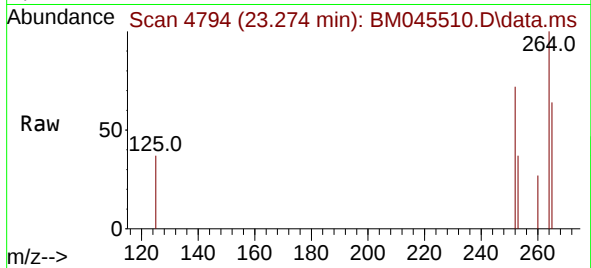
Tgt Ion:252 Resp: 1146
Ion Ratio Lower Upper
252 100
253 55.7 25.4 38.0#
125 61.1 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.124 ng/ul
RT: 23.274 min Scan# 41
Delta R.T. -0.035 min
Lab File: BM045510.D
Acq: 23 Apr 2024 12:37

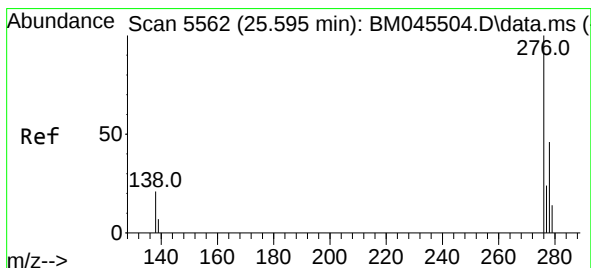
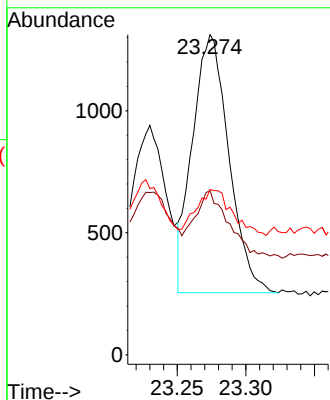
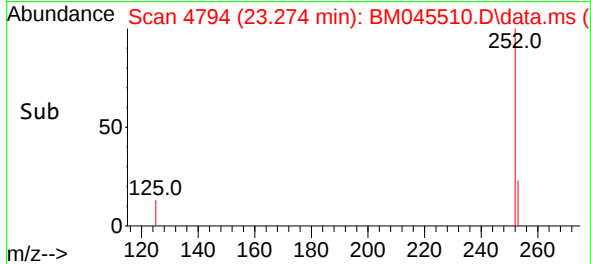
Instrument :
BNA_M
ClientSampleId :
C0AB1



Tgt Ion:252 Resp: 195
Ion Ratio Lower Upper
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253 51.3 31.6 47.4
125 51.6 19.5 29.3

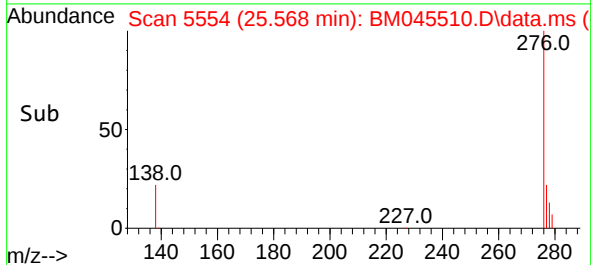
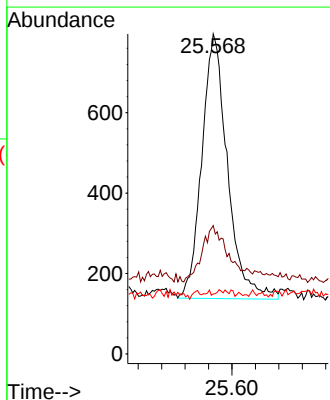
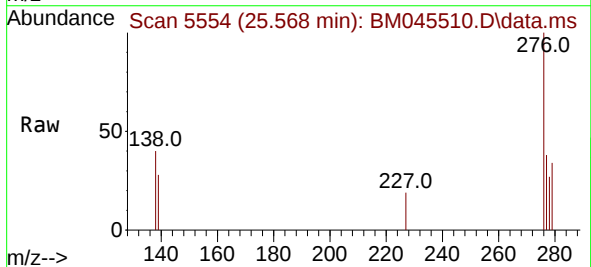
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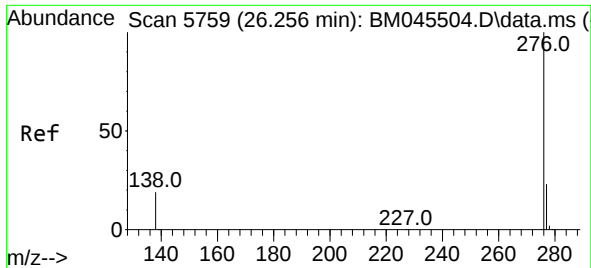
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng/ul
RT: 25.568 min Scan# 5554
Delta R.T. -0.027 min
Lab File: BM045510.D
Acq: 23 Apr 2024 12:37

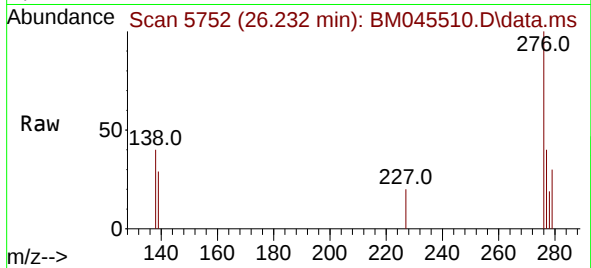
Tgt Ion:276 Resp: 2000
Ion Ratio Lower Upper
276 100
138 22.1 19.8 29.6
227 0.4 0.2 0.2





#29
Benzo(g,h,i)perylene
Concen: 0.098 ng/ul
RT: 26.232 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM045510.D
Acq: 23 Apr 2024 12:37

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 2010
Ion Ratio Lower Upper
276 100
138 40.0 20.8 31.2
277 40.2 21.8 32.8

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