

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045548.D
 Acq On : 25 Apr 2024 04:05
 Operator : MA/JU
 Sample : P2104-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 04:43:22 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 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	1040	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	2740	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1388	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	2701m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.184	240	2490	0.400	ng/ul	# 0.00
23) Perylene-d12	23.370	264	3121m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	5322	3.818	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.925	152	845	0.234	ng/ul	0.00
18) Fluoranthene-d10	19.010	212	1772	0.226	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.918	152	361	0.053	ng/ul#	59
12) Fluorene	15.269	166	142	0.026	ng/ul#	87
15) Phenanthrene	17.005	178	524m	0.067	ng/ul	
19) Fluoranthene	19.038	202	1052	0.092	ng/ul#	88
20) Pyrene	19.401	202	1008	0.085	ng/ul#	86
21) Benzo(a)anthracene	21.170	228	815	0.102	ng/ul#	55
22) Chrysene	21.222	228	942	0.077	ng/ul#	67
24) Benzo(b)fluoranthene	22.718	252	888	0.085	ng/ul#	1
25) Benzo(k)fluoranthene	22.762	252	719	0.054	ng/ul#	1
26) Benzo(a)pyrene	23.274	252	621	0.057	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.571	276	960	0.061	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.585	278	646	0.051	ng/ul#	1
29) Benzo(g,h,i)perylene	26.232	276	737	0.052	ng/ul#	20

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

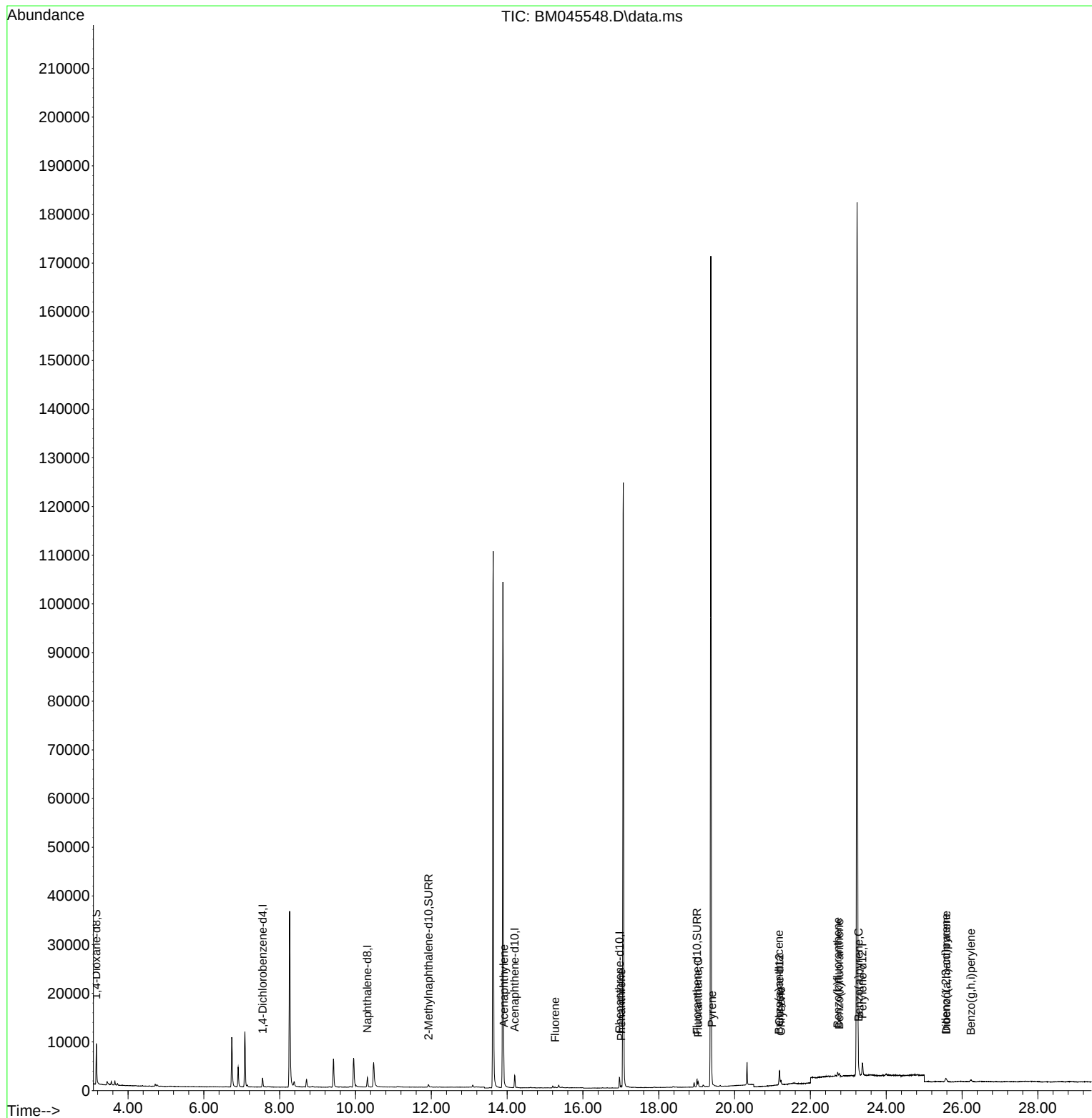
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045548.D
Acq On : 25 Apr 2024 04:05
Operator : MA/JU
Sample : P2104-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

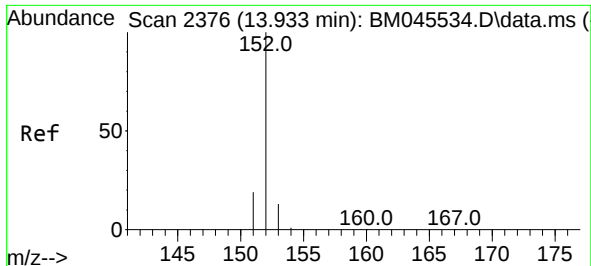
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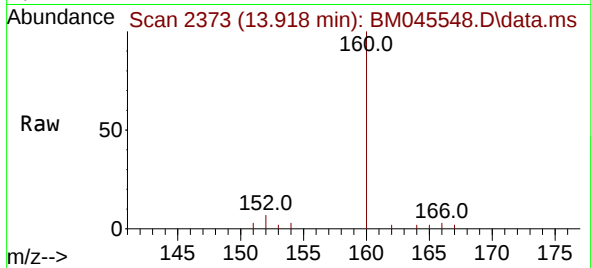
Quant Time: Apr 25 04:43:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#10
Acenaphthylene
Concen: 0.053 ng/u1
RT: 13.918 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM045548.D
Acq: 25 Apr 2024 04:05

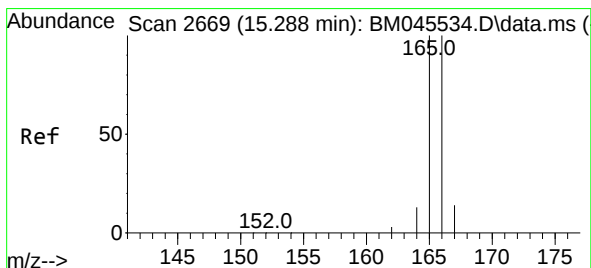
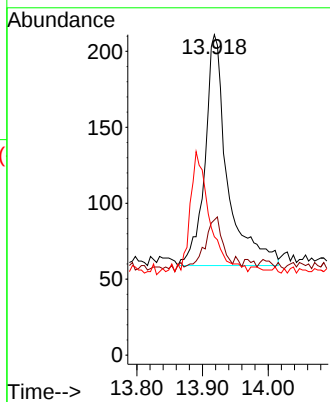
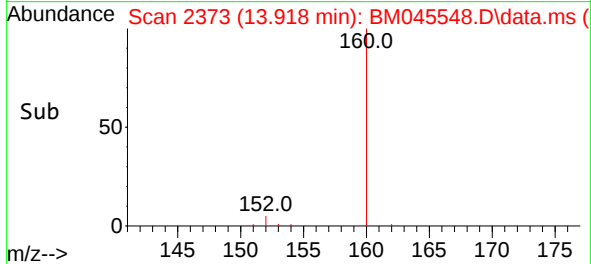
Instrument :
BNA_M
ClientSampleId :
C0AC6



Tgt Ion:152 Resp: 36
Ion Ratio Lower Upper
152 100
151 42.2 18.6 28.0
153 37.0 14.1 21.1

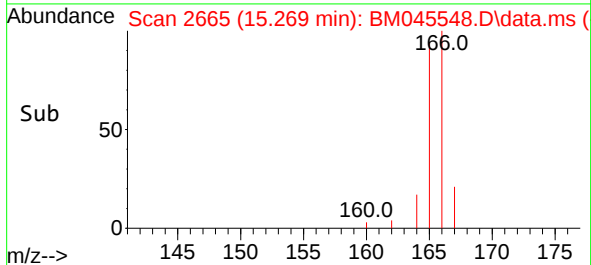
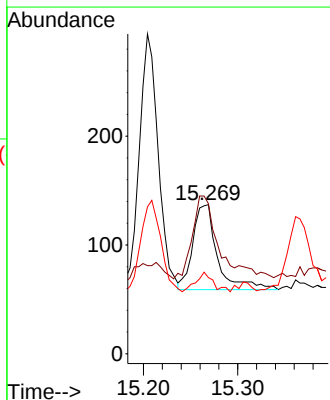
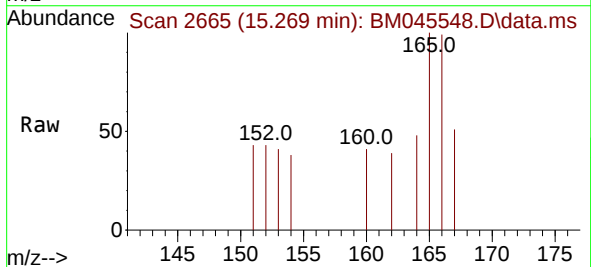
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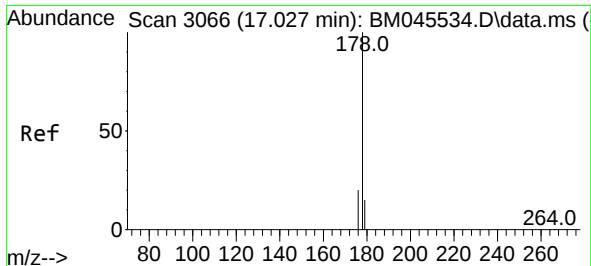
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.269 min Scan# 2665
Delta R.T. -0.009 min
Lab File: BM045548.D
Acq: 25 Apr 2024 04:05

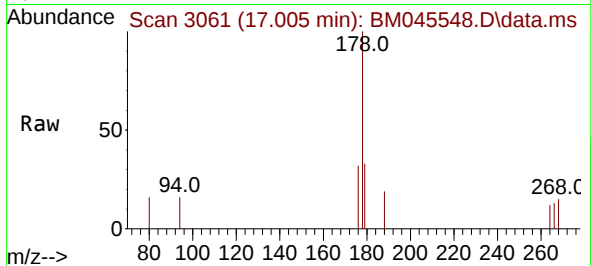
Tgt Ion:166 Resp: 142
Ion Ratio Lower Upper
166 100
165 100.7 82.2 123.2
167 51.1 14.8 22.2





#15
Phenanthrene
Concen: 0.067 ng/ul m
RT: 17.005 min Scan# 3061
Delta R.T. -0.017 min
Lab File: BM045548.D
Acq: 25 Apr 2024 04:05

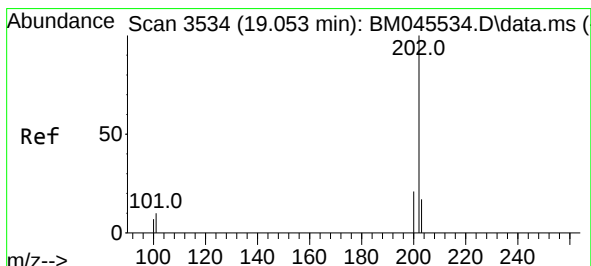
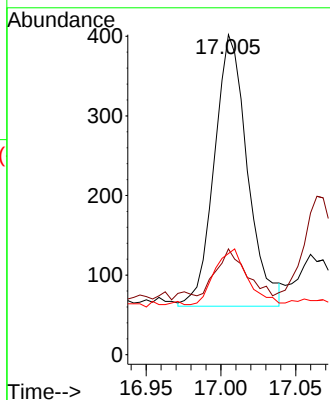
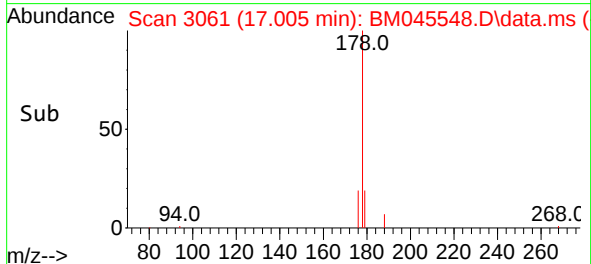
Instrument :
BNA_M
ClientSampleId :
C0AC6



Tgt Ion:178 Resp: 524
Ion Ratio Lower Upper
178 100
179 33.1 15.4 23.2#
176 31.6 19.0 28.4#

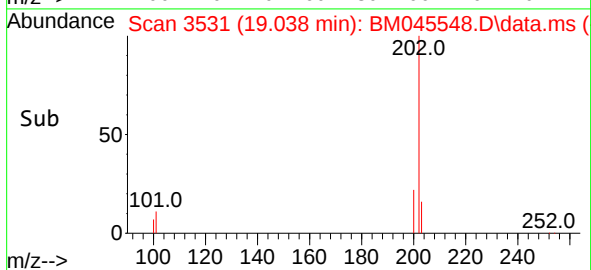
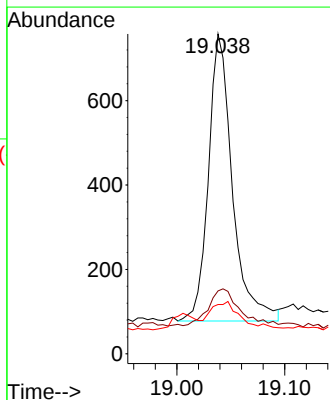
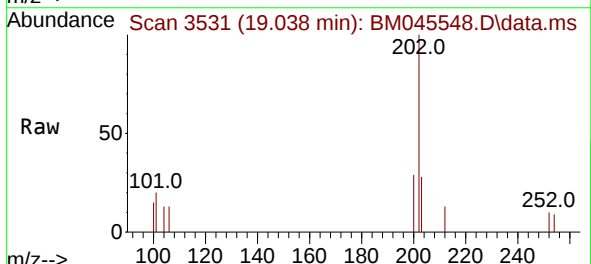
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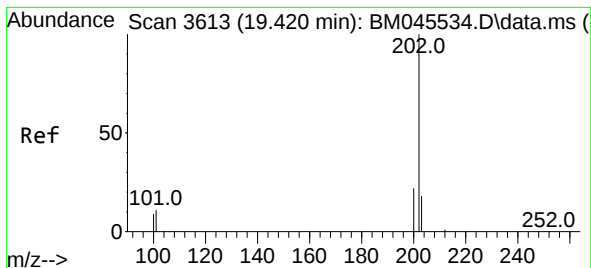
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#19
Fluoranthene
Concen: 0.092 ng/ul
RT: 19.038 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BM045548.D
Acq: 25 Apr 2024 04:05

Tgt Ion:202 Resp: 1052
Ion Ratio Lower Upper
202 100
101 19.7 11.2 16.8#
100 15.4 9.1 13.7#





#20

Pyrene

Concen: 0.085 ng/ul

RT: 19.401 min Scan# 3609

Delta R.T. -0.014 min

Lab File: BM045548.D

Acq: 25 Apr 2024 04:05

Instrument :

BNA_M

ClientSampleId :

C0AC6

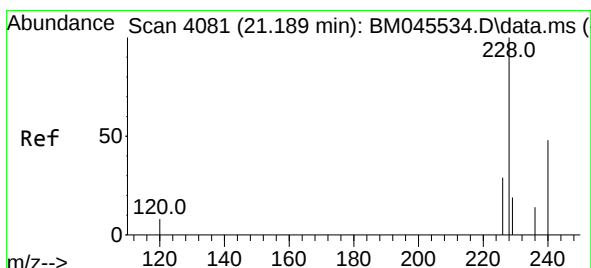
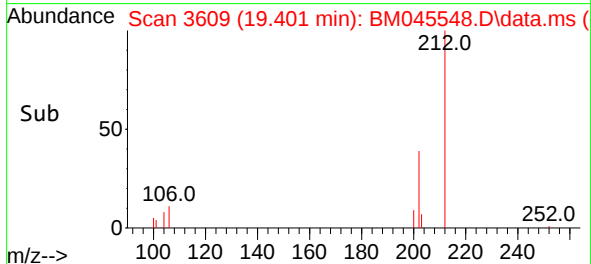
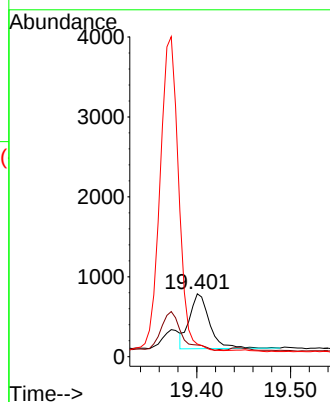
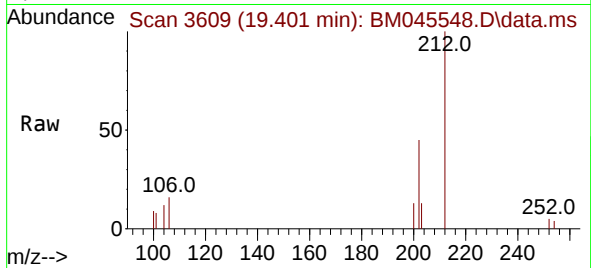
Tgt Ion:202	Resp:	1000
Ion Ratio	Lower	Upper
202	100	
101	18.6	11.5 17.3
100	20.1	10.6 15.8

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#21

Benzo(a)anthracene

Concen: 0.102 ng/ul

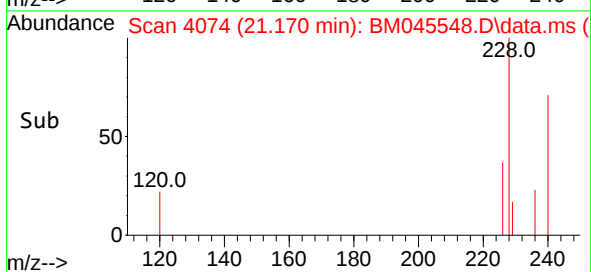
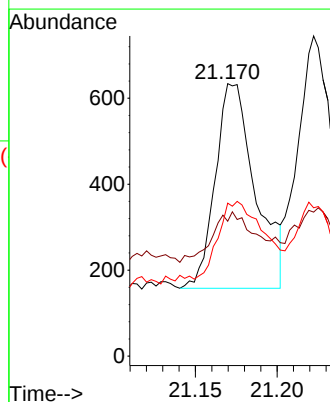
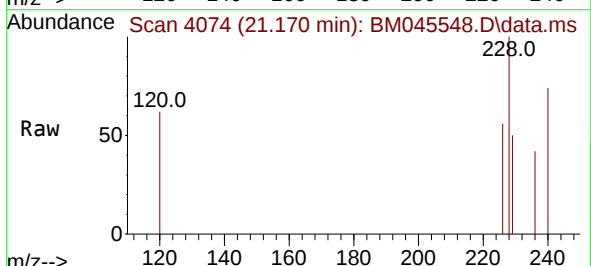
RT: 21.170 min Scan# 4074

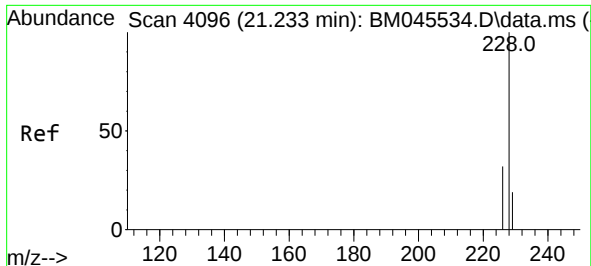
Delta R.T. -0.012 min

Lab File: BM045548.D

Acq: 25 Apr 2024 04:05

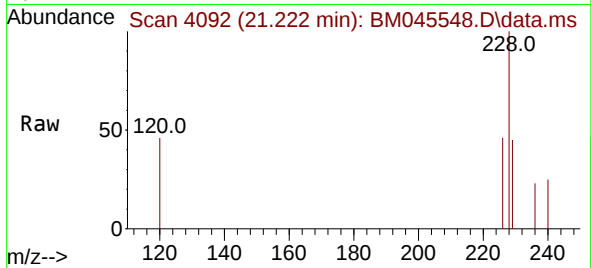
Tgt Ion:228	Resp:	815
Ion Ratio	Lower	Upper
228	100	
229	49.5	19.4 29.2
226	56.2	26.3 39.5





#22
Chrysene
Concen: 0.077 ng/u1
RT: 21.222 min Scan# 4092
Delta R.T. -0.006 min
Lab File: BM045548.D
Acq: 25 Apr 2024 04:05

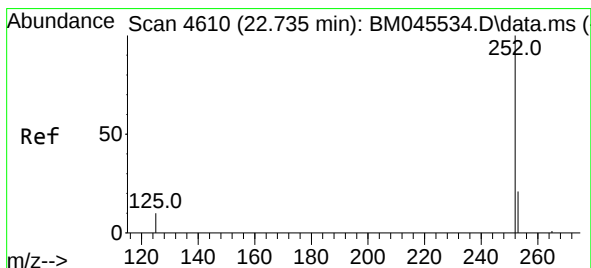
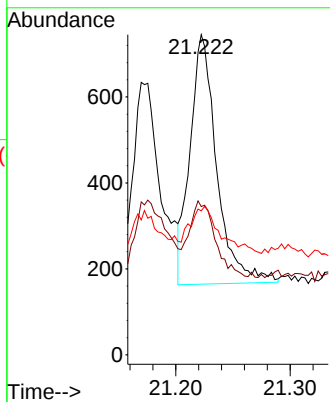
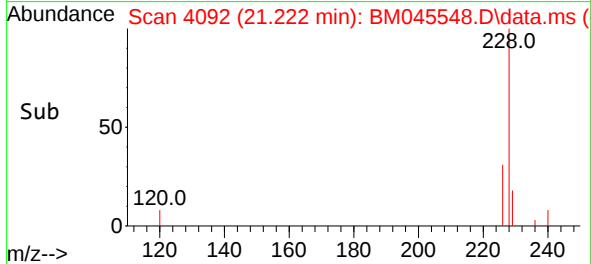
Instrument :
BNA_M
ClientSampleId :
C0AC6



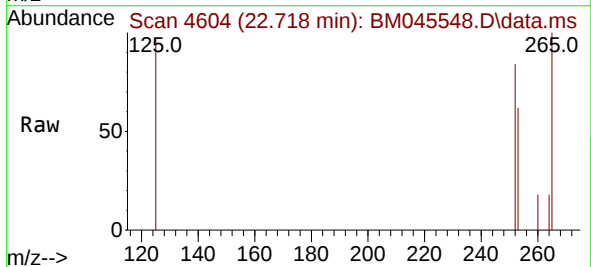
Tgt Ion:228 Resp: 942
Ion Ratio Lower Upper
228 100
226 46.3 26.3 39.5#
229 45.0 17.8 26.8#

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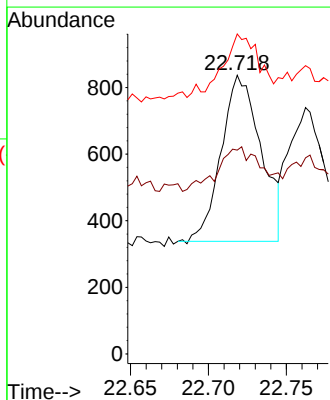
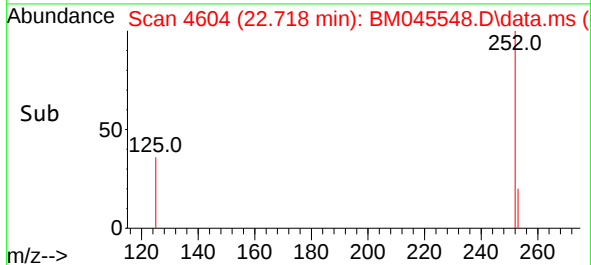
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

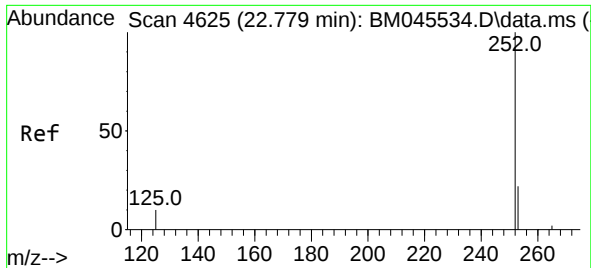


#24
Benzo(b)fluoranthene
Concen: 0.085 ng/u1
RT: 22.718 min Scan# 4604
Delta R.T. -0.012 min
Lab File: BM045548.D
Acq: 25 Apr 2024 04:05



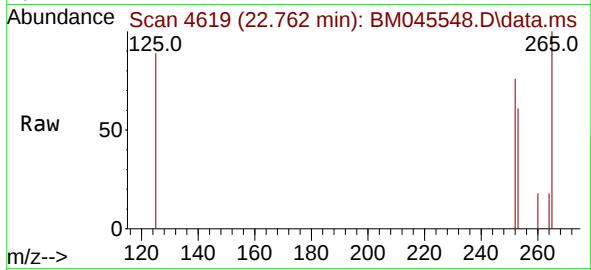
Tgt Ion:252 Resp: 888
Ion Ratio Lower Upper
252 100
253 73.1 0.0 63.4#
125 114.8 0.0 36.8#





#25
Benzo(k)fluoranthene
Concen: 0.054 ng/u1
RT: 22.762 min Scan# 4619
Delta R.T. -0.009 min
Lab File: BM045548.D
Acq: 25 Apr 2024 04:05

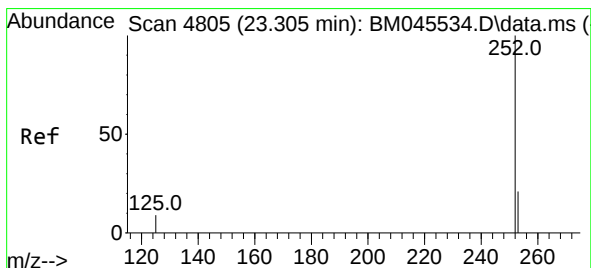
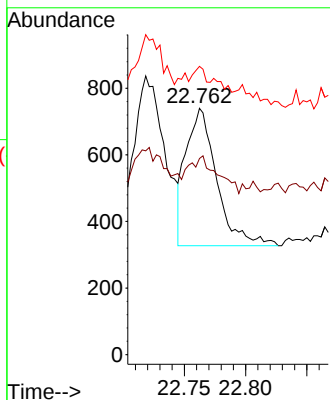
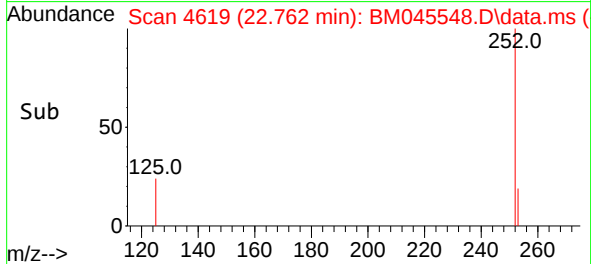
Instrument :
BNA_M
ClientSampleId :
C0AC6



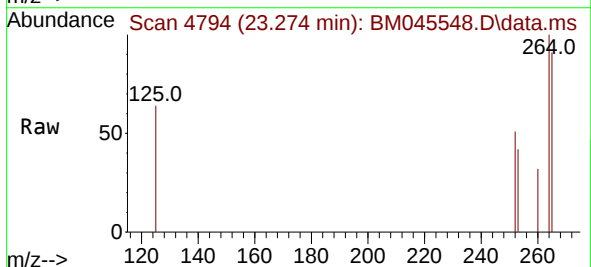
Tgt Ion:252 Resp: 719
Ion Ratio Lower Upper
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253 79.6 25.4 38.0#
125 117.0 14.8 22.2#

Manual Integrations
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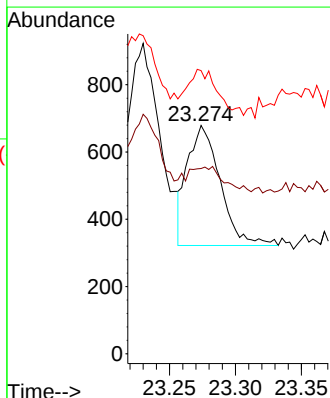
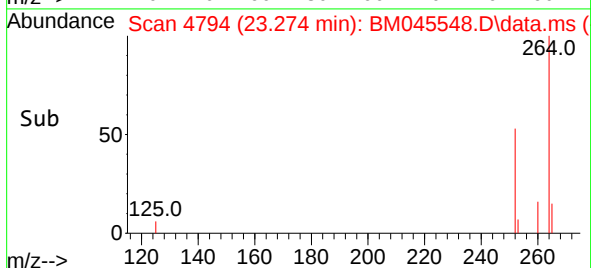
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

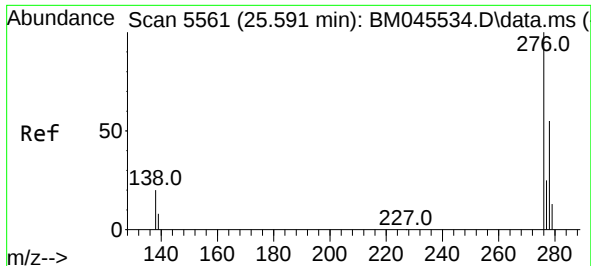


#26
Benzo(a)pyrene
Concen: 0.057 ng/u1
RT: 23.274 min Scan# 4794
Delta R.T. -0.017 min
Lab File: BM045548.D
Acq: 25 Apr 2024 04:05



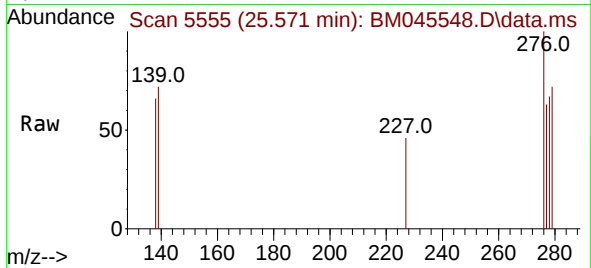
Tgt Ion:252 Resp: 621
Ion Ratio Lower Upper
252 100
253 81.1 31.6 47.4#
125 124.0 19.5 29.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng/ul
RT: 25.571 min Scan# 5555
Delta R.T. 0.000 min
Lab File: BM045548.D
Acq: 25 Apr 2024 04:05

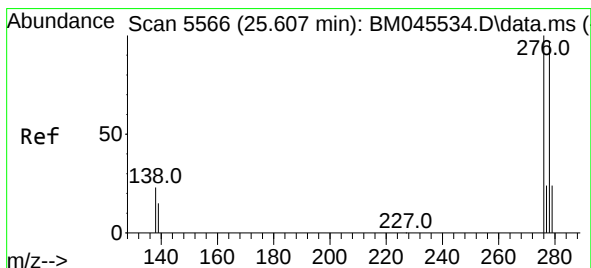
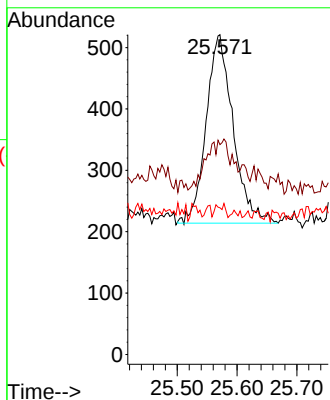
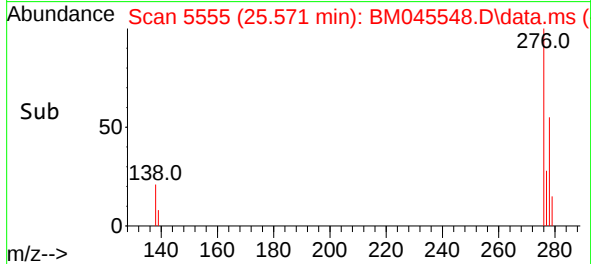
Instrument :
BNA_M
ClientSampleId :
C0AC6



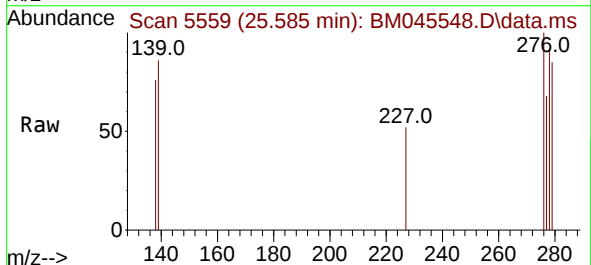
Tgt Ion:276 Resp: 960
Ion Ratio Lower Upper
276 100
138 27.4 19.8 29.6
227 2.3 0.2 0.2

Manual Integrations
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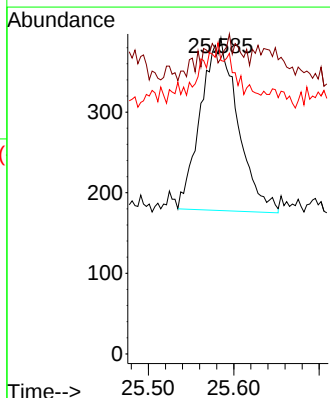
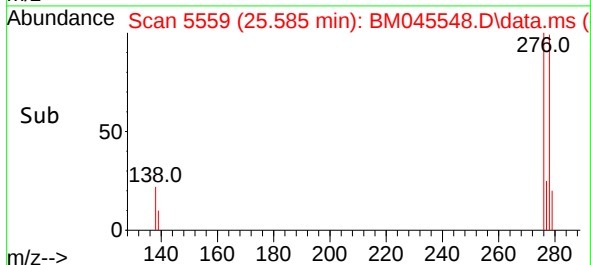
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

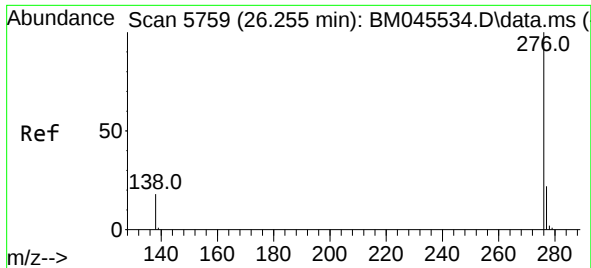


#28
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 25.585 min Scan# 5559
Delta R.T. -0.003 min
Lab File: BM045548.D
Acq: 25 Apr 2024 04:05



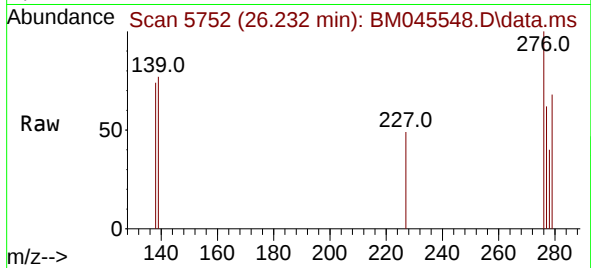
Tgt Ion:278 Resp: 646
Ion Ratio Lower Upper
278 100
139 93.6 19.0 28.6#
279 92.9 29.4 44.2#





#29
Benzo(g,h,i)perylene
Concen: 0.052 ng/ul
RT: 26.232 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM045548.D
Acq: 25 Apr 2024 04:05

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 73
Ion Ratio Lower Upper
276 100
138 73.7 20.8 31.2
277 62.1 21.8 32.8

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Supervised By :mohammad ahmed 04/27/2024

