

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046289.D
 Acq On : 25 Jun 2024 13:31
 Operator : MA/JU
 Sample : P2844-11
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C63

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 14:48:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	2354	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.160	136	7265	0.400	ng/ul	-0.09
9) Acenaphthene-d10	14.047	164	3819	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.794	188	8435m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.009	240	6374	0.400	ng/ul	-0.02
23) Perylene-d12	23.090	264	6180m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	12352	3.825	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.782	152	2765	0.283	ng/ul	-0.09
18) Fluoranthene-d10	18.834	212	5545	0.290	ng/ul	-0.04
Target Compounds						
15) Phenanthrene	16.832	178	2576m	0.109	ng/ul	Qvalue
16) Anthracene	16.925	178	573m	0.032	ng/ul	
19) Fluoranthene	18.861	202	4635	0.168	ng/ul	97
20) Pyrene	19.219	202	4140m	0.139	ng/ul	
21) Benzo(a)anthracene	20.994	228	1856	0.075	ng/ul#	85
22) Chrysene	21.047	228	1815	0.058	ng/ul#	85
24) Benzo(b)fluoranthene	22.478	252	3047m	0.137	ng/ul	
25) Benzo(k)fluoranthene	22.511	252	1196m	0.045	ng/ul	
26) Benzo(a)pyrene	22.996	252	1618	0.078	ng/ul#	43
27) Indeno(1,2,3-cd)pyrene	25.149	276	1457m	0.043	ng/ul	
29) Benzo(g,h,i)perylene	25.776	276	1714	0.059	ng/ul#	43

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

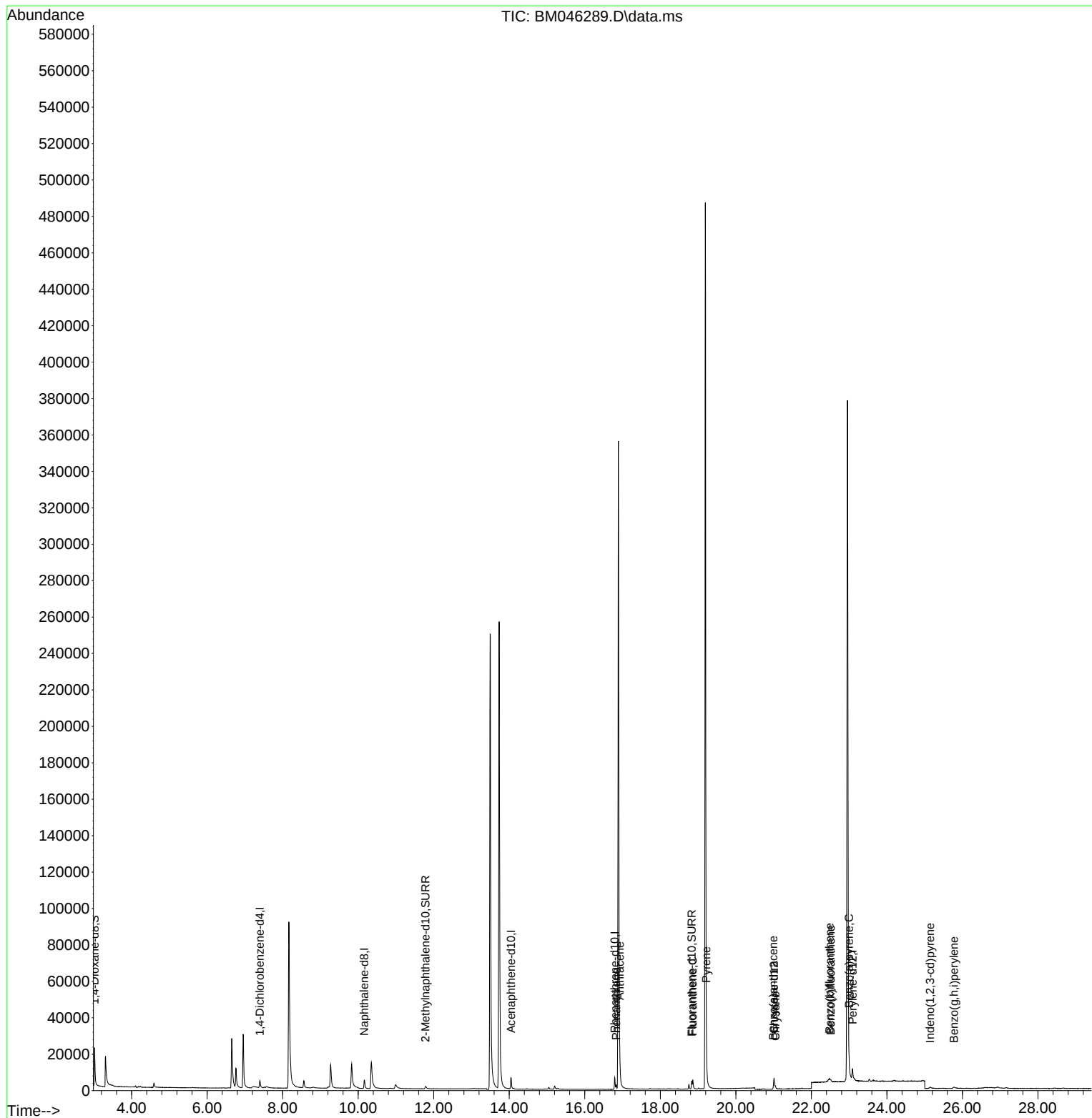
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046289.D
Acq On : 25 Jun 2024 13:31
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Sample : P2844-11
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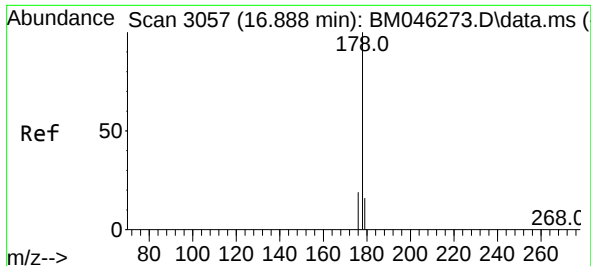
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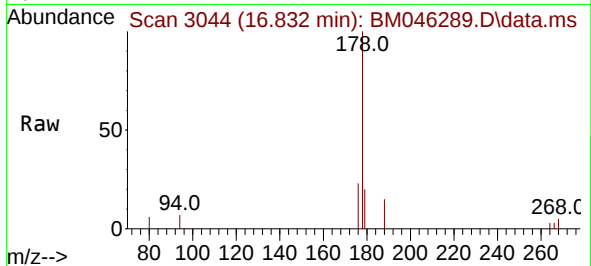
Quant Time: Jun 25 14:48:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
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#15
Phenanthrene
Concen: 0.109 ng/ul m
RT: 16.832 min Scan# 3044
Delta R.T. -0.056 min
Lab File: BM046289.D
Acq: 25 Jun 2024 13:31

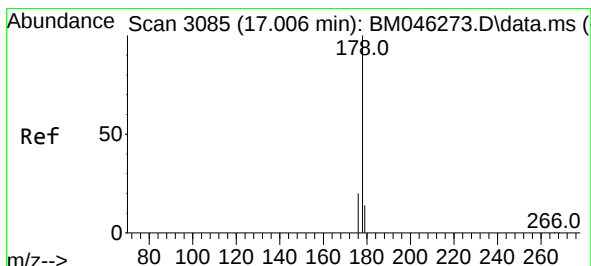
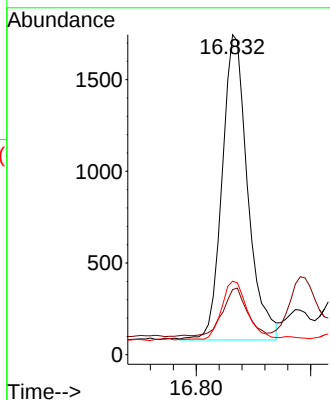
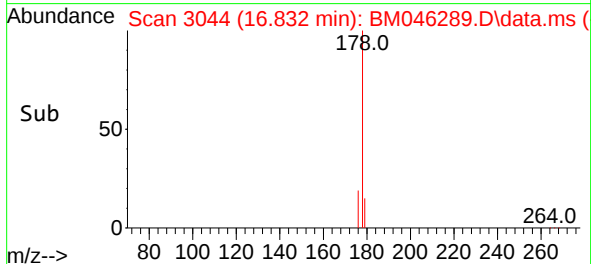
Instrument :
BNA_M
ClientSampleId :
A4C63



Tgt Ion:178 Resp: 2570
Ion Ratio Lower Upper
178 100
179 20.3 14.2 21.2
176 23.0 17.1 25.7

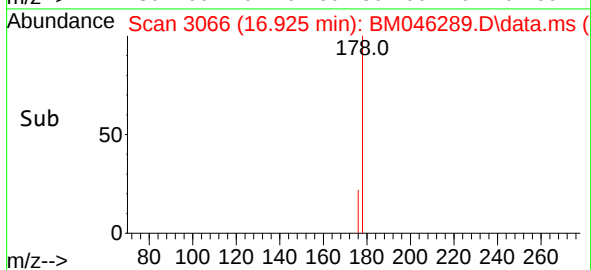
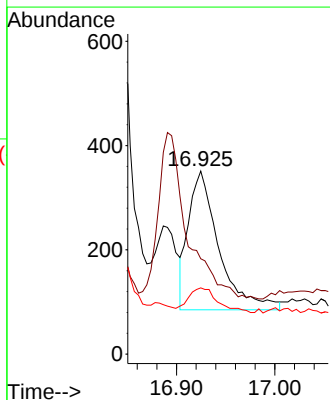
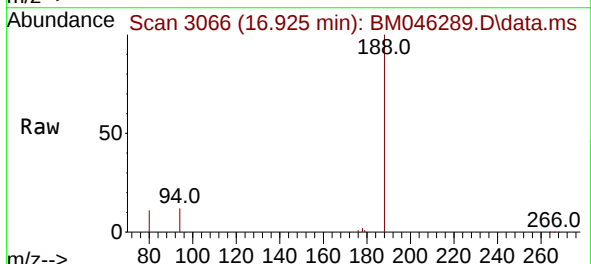
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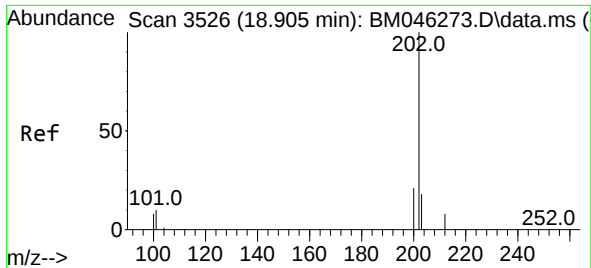
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 0.032 ng/ul m
RT: 16.925 min Scan# 3066
Delta R.T. -0.082 min
Lab File: BM046289.D
Acq: 25 Jun 2024 13:31

Tgt Ion:178 Resp: 573
Ion Ratio Lower Upper
178 100
179 52.1 14.9 22.3#
176 36.2 17.0 25.4#





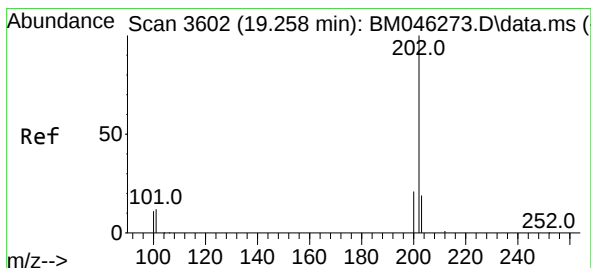
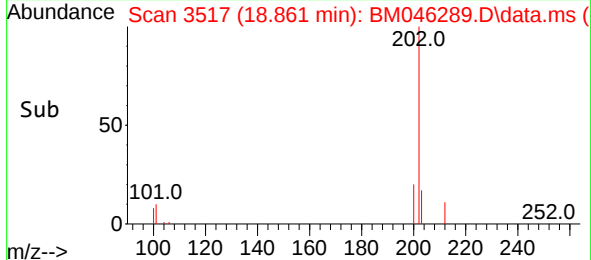
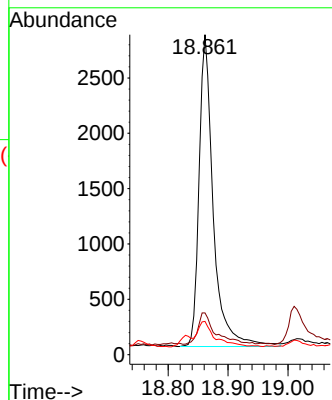
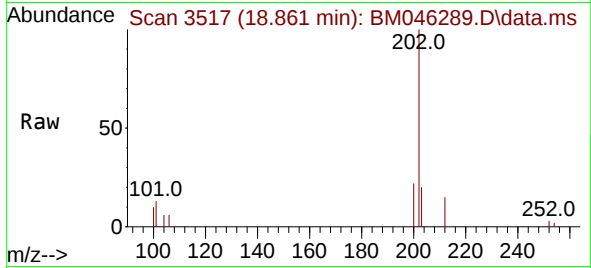
#19
Fluoranthene
Concen: 0.168 ng/ul
RT: 18.861 min Scan# 3517
Delta R.T. -0.043 min
Lab File: BM046289.D
Acq: 25 Jun 2024 13:31

Instrument :
BNA_M
ClientSampleId :
A4C63

Tgt Ion:202 Resp: 463
Ion Ratio Lower Upper
202 100
101 13.0 9.6 14.4
100 10.4 7.6 11.4

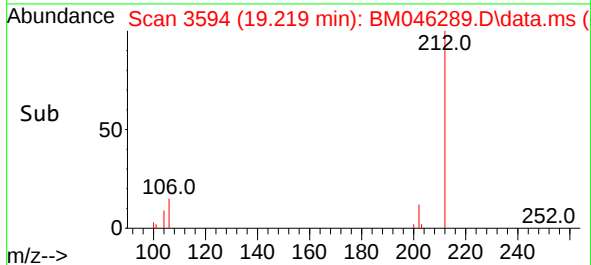
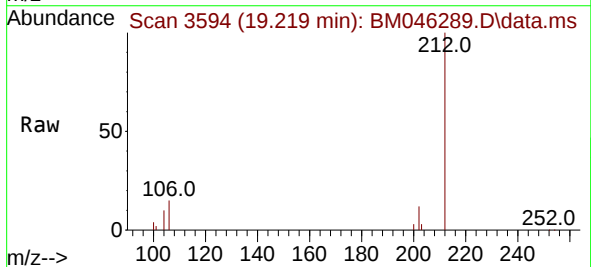
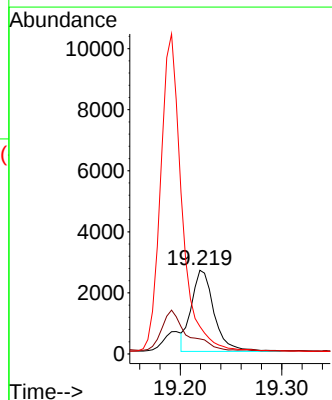
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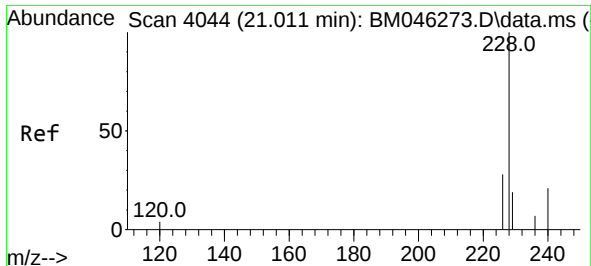
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 0.139 ng/ul m
RT: 19.219 min Scan# 3594
Delta R.T. -0.039 min
Lab File: BM046289.D
Acq: 25 Jun 2024 13:31

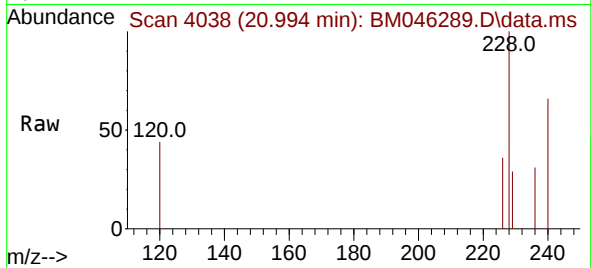
Tgt Ion:202 Resp: 4140
Ion Ratio Lower Upper
202 100
101 18.0 11.3 16.9#
100 32.9 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.075 ng/ul
RT: 20.994 min Scan# 4038
Delta R.T. -0.017 min
Lab File: BM046289.D
Acq: 25 Jun 2024 13:31

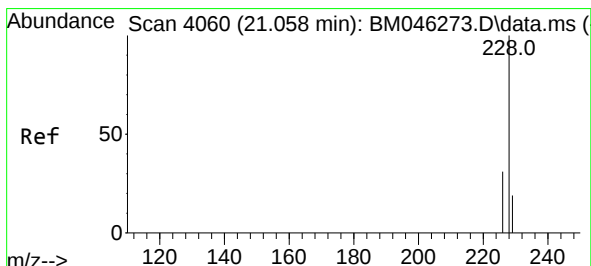
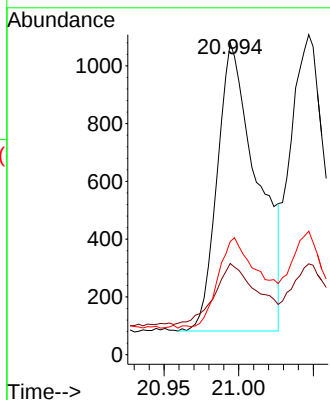
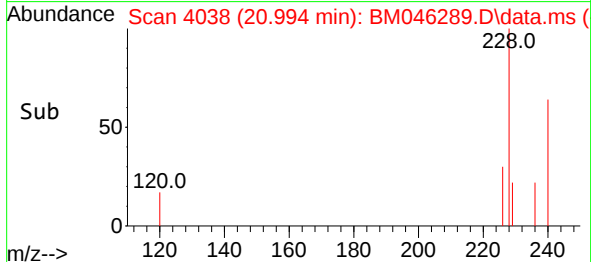
Instrument :
BNA_M
ClientSampleId :
A4C63



Tgt Ion:228 Resp: 1850
Ion Ratio Lower Upper
228 100
229 29.3 16.4 24.6#
226 36.3 23.4 35.2#

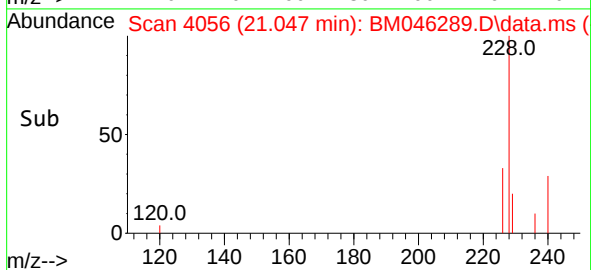
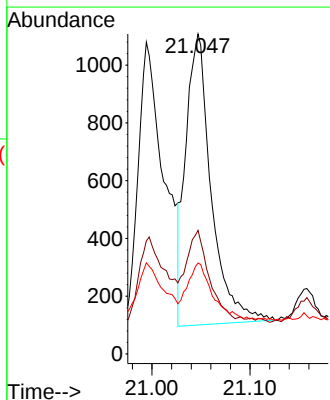
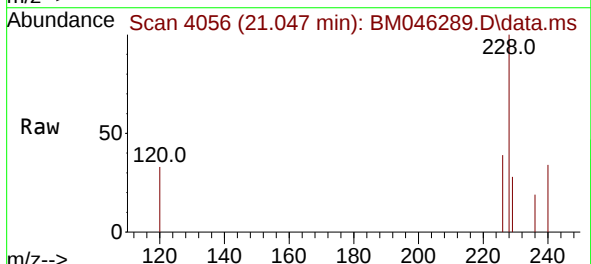
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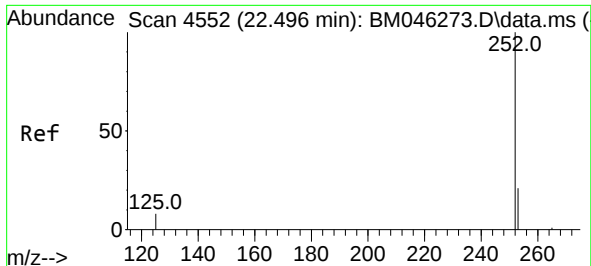
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 0.058 ng/ul
RT: 21.047 min Scan# 4056
Delta R.T. -0.011 min
Lab File: BM046289.D
Acq: 25 Jun 2024 13:31

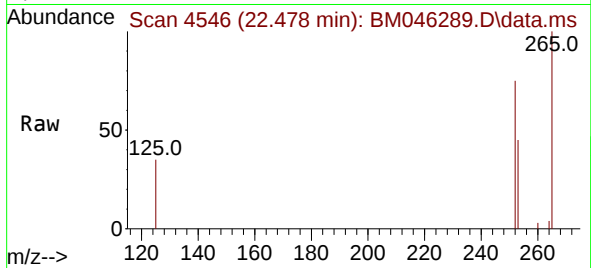
Tgt Ion:228 Resp: 1815
Ion Ratio Lower Upper
228 100
226 38.6 25.2 37.8#
229 28.4 16.3 24.5#





#24
Benzo(b)fluoranthene
Concen: 0.137 ng/ul m
RT: 22.478 min Scan# 4546
Delta R.T. -0.017 min
Lab File: BM046289.D
Acq: 25 Jun 2024 13:31

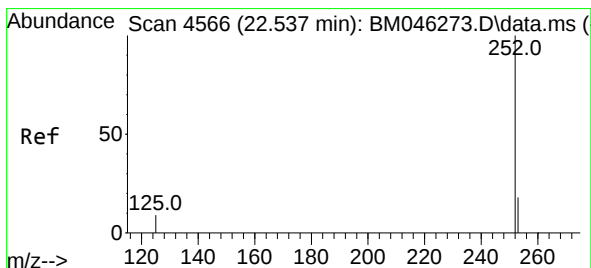
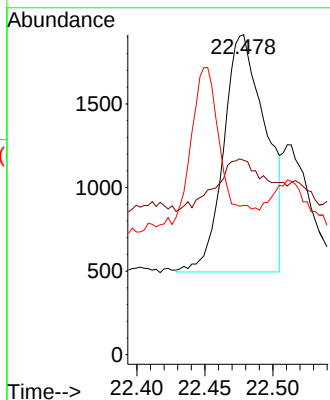
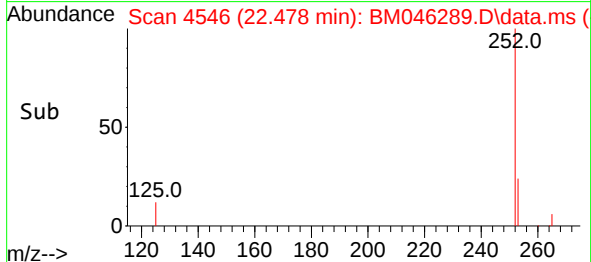
Instrument :
BNA_M
ClientSampleId :
A4C63



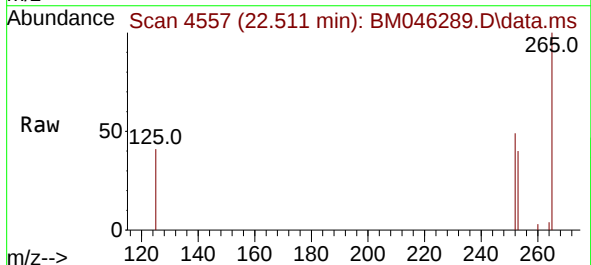
Tgt Ion:252 Resp: 304
Ion Ratio Lower Upper
252 100
253 60.8 0.0 65.8
125 46.7 0.0 40.2

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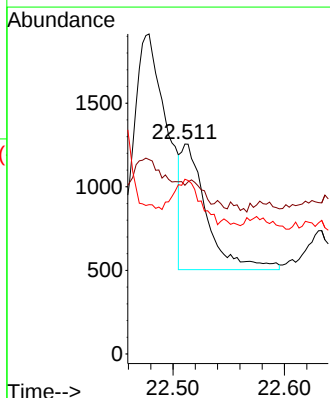
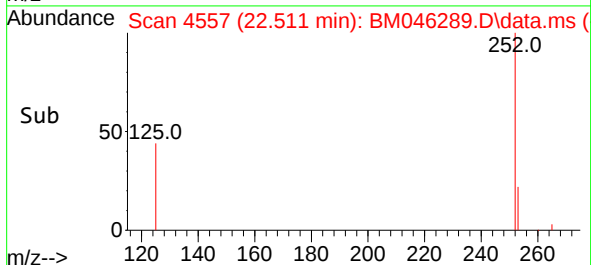
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

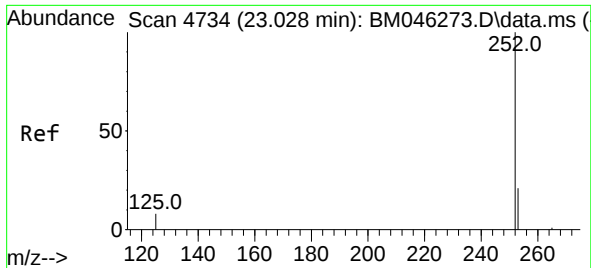


#25
Benzo(k)fluoranthene
Concen: 0.045 ng/ul m
RT: 22.511 min Scan# 4557
Delta R.T. -0.026 min
Lab File: BM046289.D
Acq: 25 Jun 2024 13:31



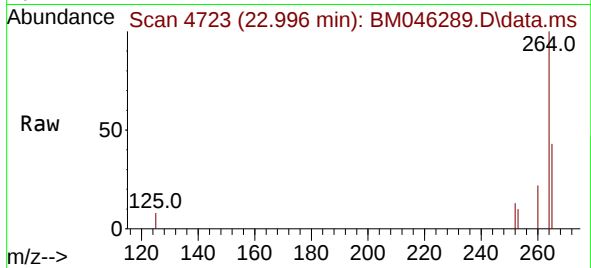
Tgt Ion:252 Resp: 1196
Ion Ratio Lower Upper
252 100
253 80.3 27.2 40.8#
125 83.2 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 0.078 ng/ul
RT: 22.996 min Scan# 41
Delta R.T. -0.032 min
Lab File: BM046289.D
Acq: 25 Jun 2024 13:31

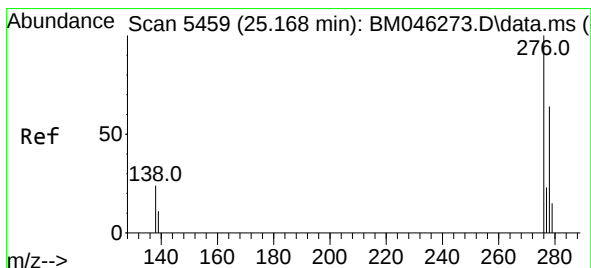
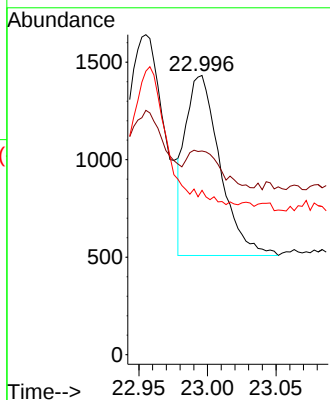
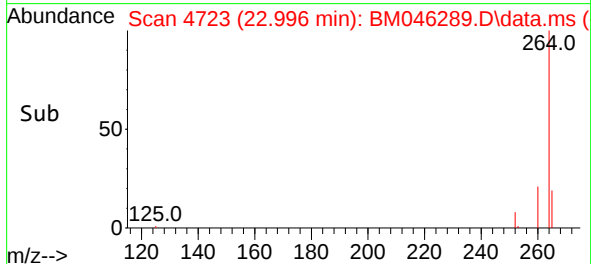
Instrument :
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ClientSampleId :
A4C63



Tgt Ion:252 Resp: 1618
Ion Ratio Lower Upper
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253 73.0 32.1 48.1
125 58.9 21.2 31.8

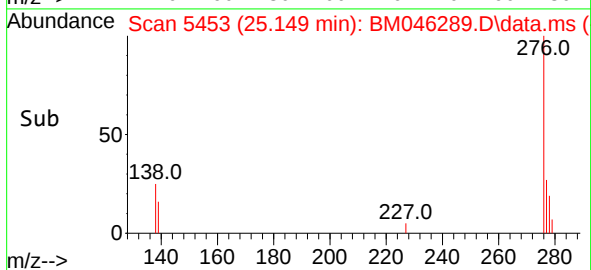
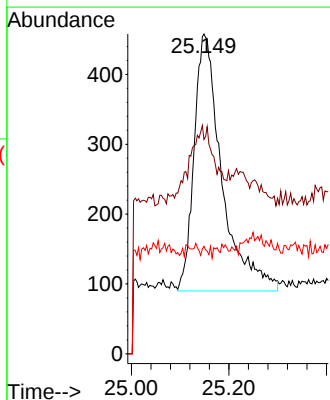
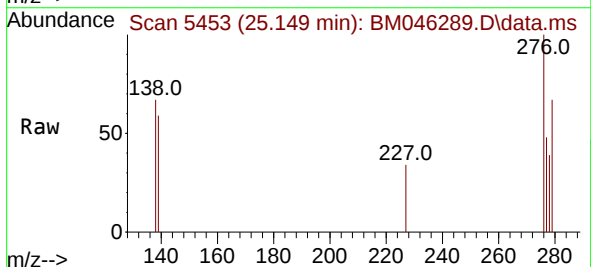
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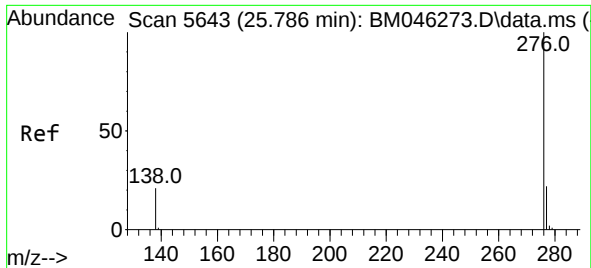
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng/ul m
RT: 25.149 min Scan# 5453
Delta R.T. -0.020 min
Lab File: BM046289.D
Acq: 25 Jun 2024 13:31

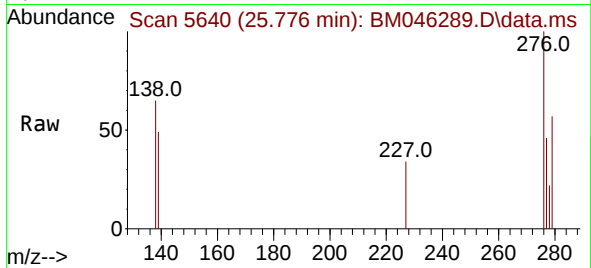
Tgt Ion:276 Resp: 1457
Ion Ratio Lower Upper
276 100
138 332.8 21.0 31.4
227 0.0 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 25.776 min Scan# 50
Delta R.T. -0.010 min
Lab File: BM046289.D
Acq: 25 Jun 2024 13:31

Instrument :
BNA_M
ClientSampleId :
A4C63



Tgt Ion:276 Resp: 1714
Ion Ratio Lower Upper
276 100
138 64.8 21.7 32.5
277 46.3 20.4 30.6

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