

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046056.D
 Acq On : 18 Jun 2024 18:12
 Operator : MA/JU
 Sample : P2695-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 19:02:27 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 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3248	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.204	136	9137	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.084	164	4837	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	10256m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.032	240	8447m	0.400	ng/ul	-0.01
23) Perylene-d12	23.125	264	9266m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	27510	6.173	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.832	152	5566	0.454	ng/ul	-0.03
18) Fluoranthene-d10	18.861	212	11890	0.470	ng/ul	-0.02
Target Compounds						Qvalue
15) Phenanthrene	16.866	178	1865m	0.065	ng/ul	
19) Fluoranthene	18.889	202	4158	0.114	ng/ul#	95
20) Pyrene	19.252	202	3662	0.093	ng/ul#	81
21) Benzo(a)anthracene	21.015	228	2244	0.069	ng/ul#	84
22) Chrysene	21.070	228	2379	0.057	ng/ul#	89
24) Benzo(b)fluoranthene	22.508	252	3564m	0.107	ng/ul	
25) Benzo(k)fluoranthene	22.540	252	2107m	0.053	ng/ul	
26) Benzo(a)pyrene	23.028	252	2156	0.070	ng/ul#	43
27) Indeno(1,2,3-cd)pyrene	25.192	276	2802	0.055	ng/ul#	98
29) Benzo(g,h,i)perylene	25.813	276	2666	0.061	ng/ul#	66

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

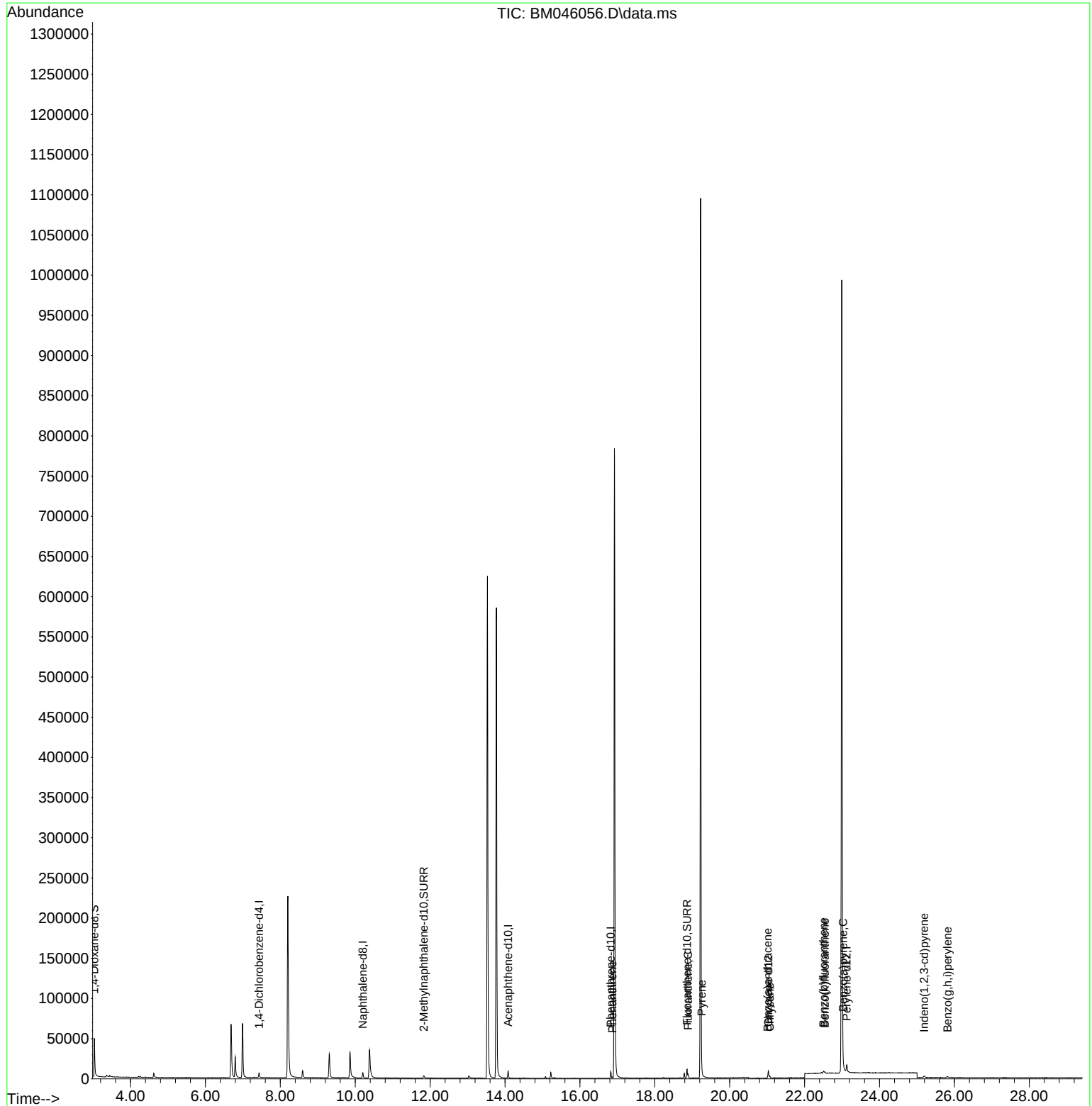
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
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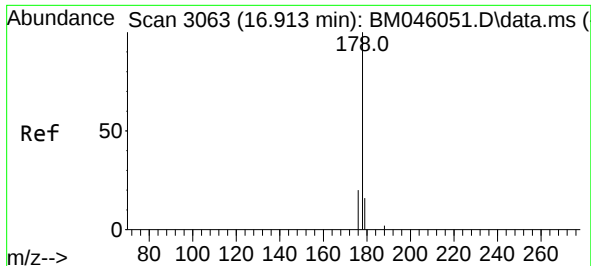
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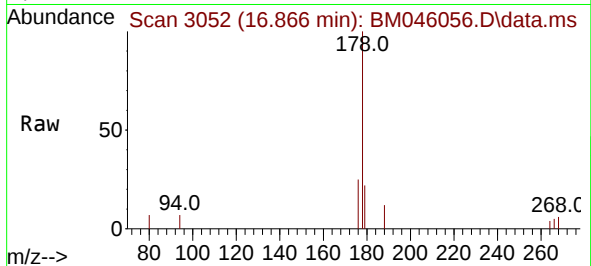
Quant Time: Jun 18 19:02:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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#15
Phenanthrene
Concen: 0.065 ng/ul m
RT: 16.866 min Scan# 3063
Delta R.T. -0.038 min
Lab File: BM046056.D
Acq: 18 Jun 2024 18:12

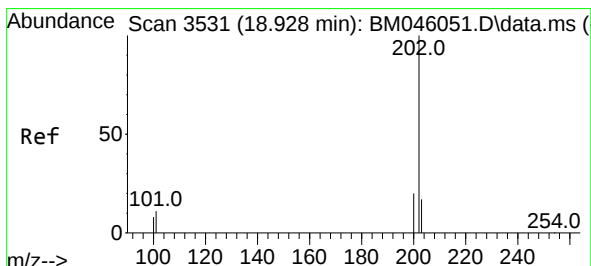
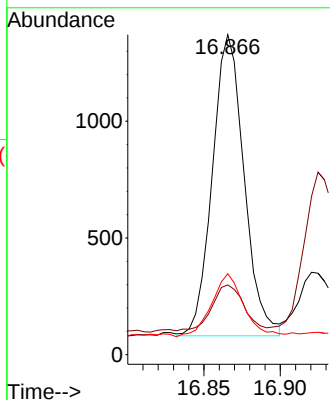
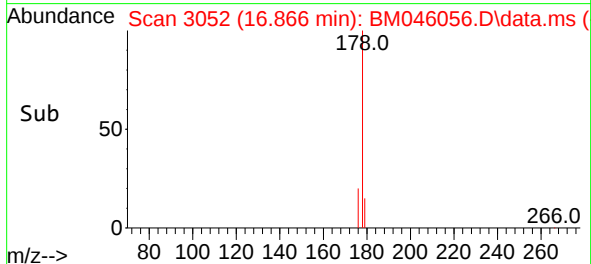
Instrument :
BNA_M
ClientSampleId :
A4BJ5



Tgt Ion:178 Resp: 186
Ion Ratio Lower Upper
178 100
179 21.8 14.2 21.2
176 25.3 17.1 25.7

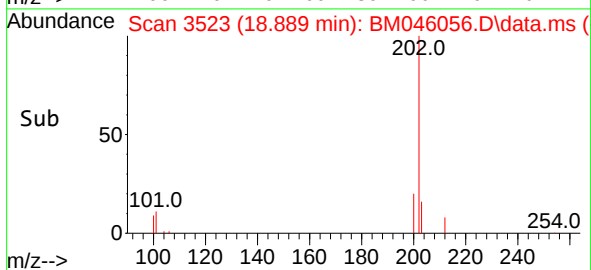
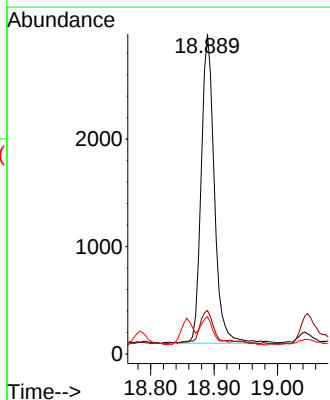
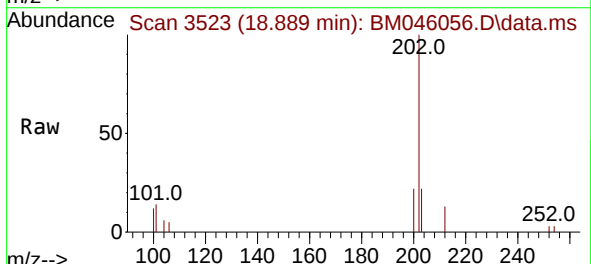
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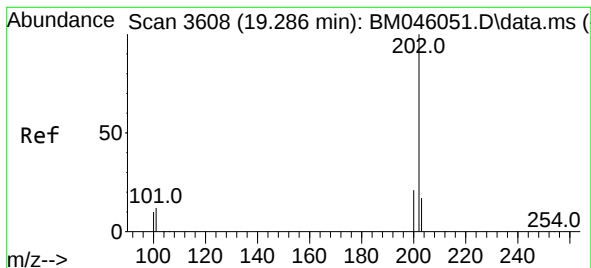
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#19
Fluoranthene
Concen: 0.114 ng/ul
RT: 18.889 min Scan# 3523
Delta R.T. -0.028 min
Lab File: BM046056.D
Acq: 18 Jun 2024 18:12

Tgt Ion:202 Resp: 4158
Ion Ratio Lower Upper
202 100
101 13.6 9.6 14.4
100 11.6 7.6 11.4





#20

Pyrene

Concen: 0.093 ng/ul

RT: 19.252 min Scan# 3608

Delta R.T. -0.023 min

Lab File: BM046056.D

Acq: 18 Jun 2024 18:12

Instrument :

BNA_M

ClientSampleId :

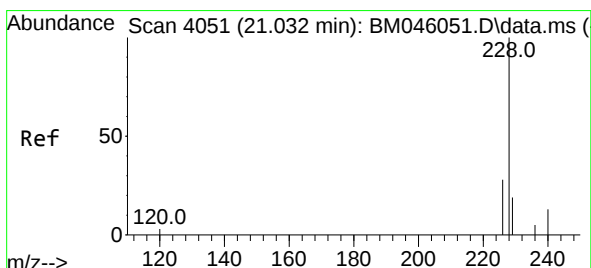
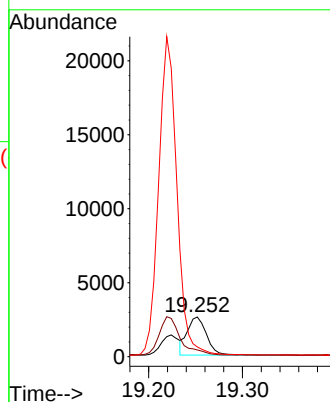
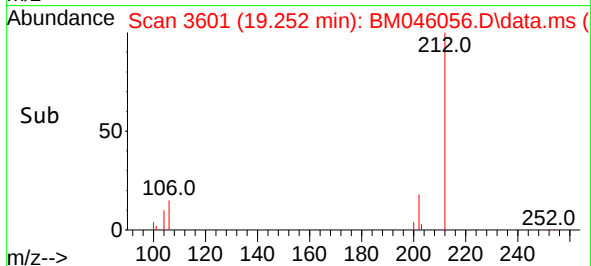
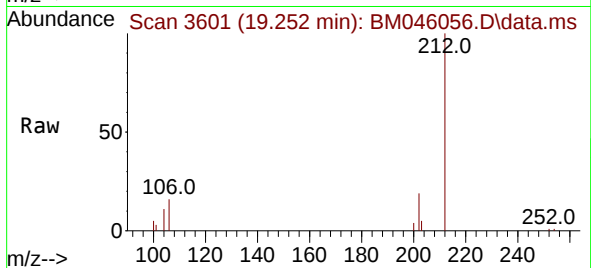
A4BJ5

Tgt Ion:202	Resp:	3662
Ion Ratio	Lower	Upper
202	100	
101	17.1	11.3 16.9#
100	24.6	9.8 14.6#

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#21

Benzo(a)anthracene

Concen: 0.069 ng/ul

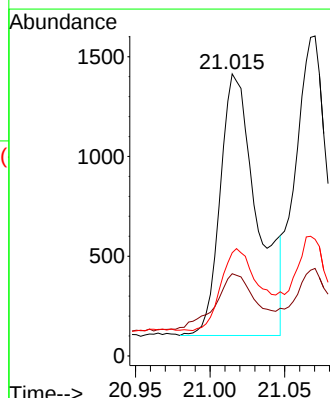
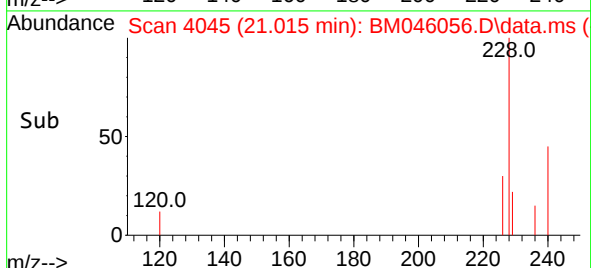
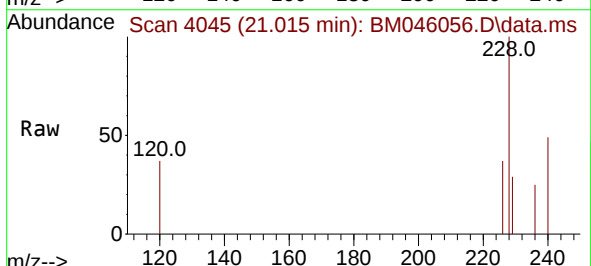
RT: 21.015 min Scan# 4045

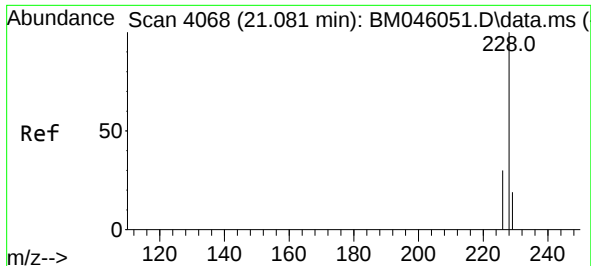
Delta R.T. -0.015 min

Lab File: BM046056.D

Acq: 18 Jun 2024 18:12

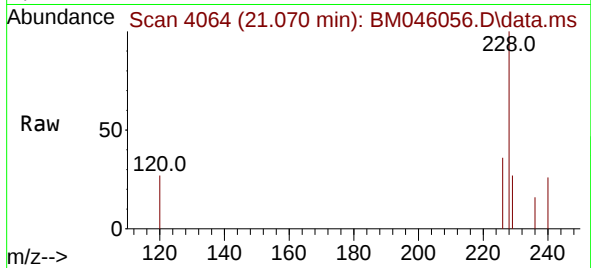
Tgt Ion:228	Resp:	2244
Ion Ratio	Lower	Upper
228	100	
229	29.1	16.4 24.6#
226	36.6	23.4 35.2#





#22
Chrysene
Concen: 0.057 ng/ul
RT: 21.070 min Scan# 4064
Delta R.T. -0.006 min
Lab File: BM046056.D
Acq: 18 Jun 2024 18:12

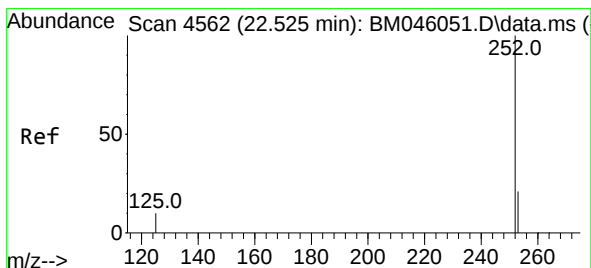
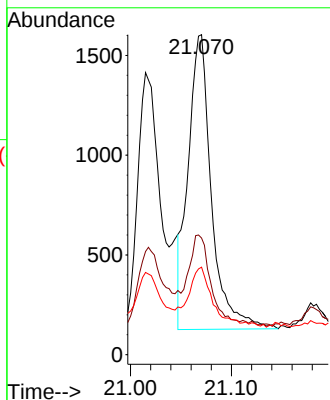
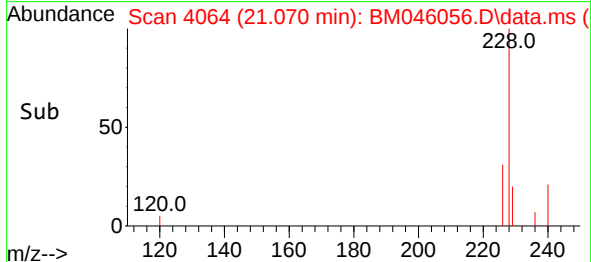
Instrument :
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ClientSampleId :
A4BJ5



Tgt Ion:228 Resp: 2379
Ion Ratio Lower Upper
228 100
226 36.5 25.2 37.8
229 27.4 16.3 24.5

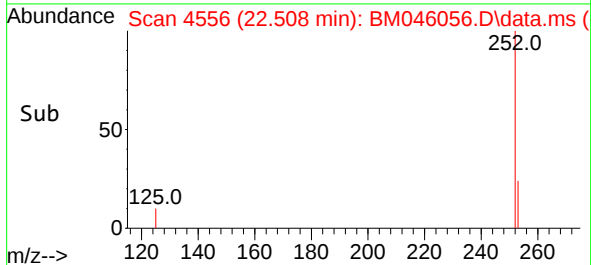
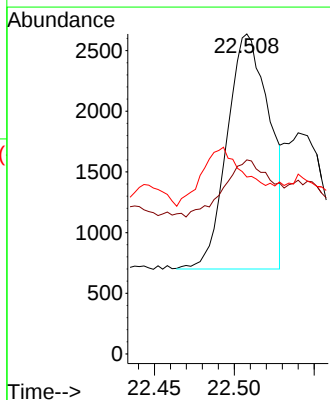
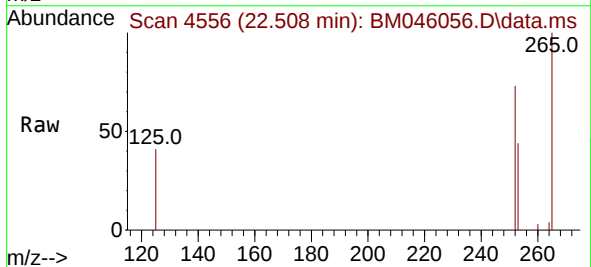
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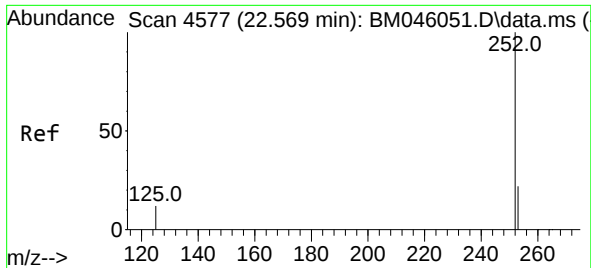
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#24
Benzo(b)fluoranthene
Concen: 0.107 ng/ul m
RT: 22.508 min Scan# 4556
Delta R.T. -0.012 min
Lab File: BM046056.D
Acq: 18 Jun 2024 18:12

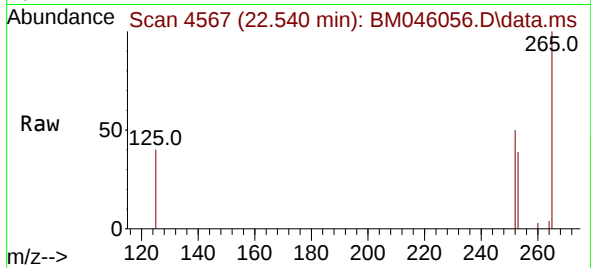
Tgt Ion:252 Resp: 3564
Ion Ratio Lower Upper
252 100
253 60.7 0.0 65.8
125 55.3 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 22.540 min Scan# 4567
Delta R.T. -0.023 min
Lab File: BM046056.D
Acq: 18 Jun 2024 18:12

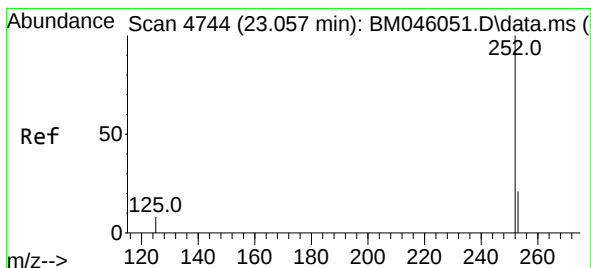
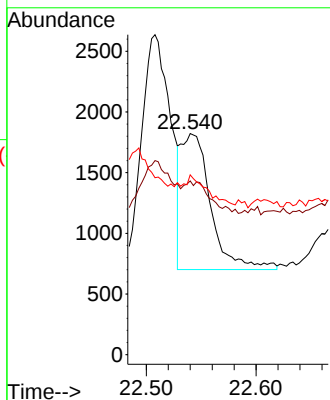
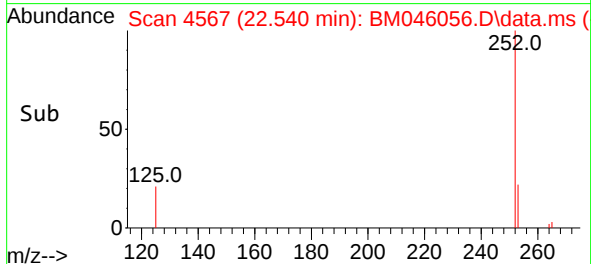
Instrument :
BNA_M
ClientSampleId :
A4BJ5



Tgt Ion:252 Resp: 210
Ion Ratio Lower Upper
252 100
253 78.6 27.2 40.8
125 81.3 16.6 25.0

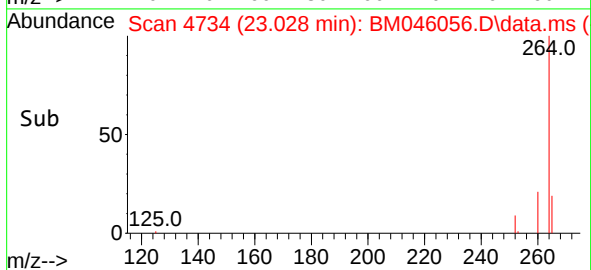
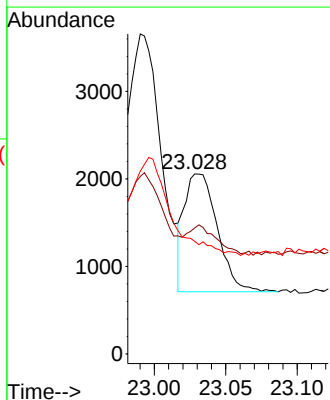
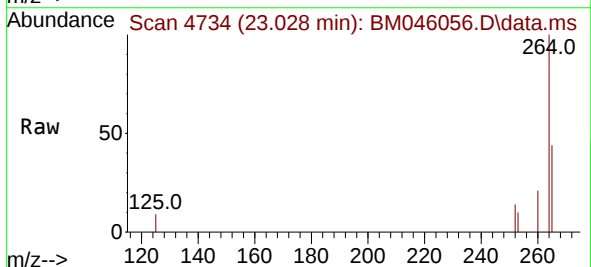
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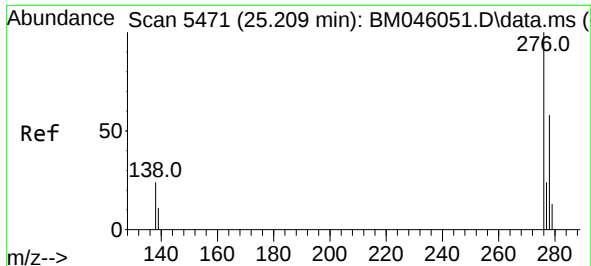
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#26
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.026 min
Lab File: BM046056.D
Acq: 18 Jun 2024 18:12

Tgt Ion:252 Resp: 2156
Ion Ratio Lower Upper
252 100
253 70.0 32.1 48.1#
125 62.6 21.2 31.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.055 ng/ul

RT: 25.192 min Scan# 5471

Delta R.T. -0.010 min

Lab File: BM046056.D

Acq: 18 Jun 2024 18:12

Instrument :

BNA_M

ClientSampleId :

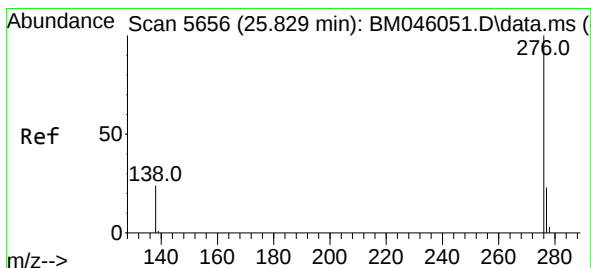
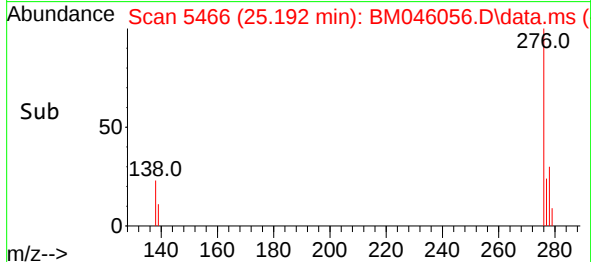
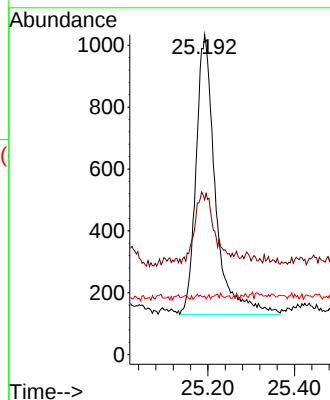
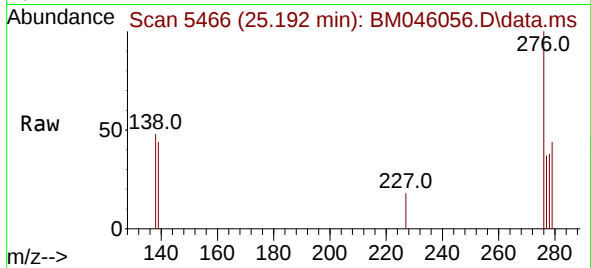
A4BJ5

Tgt Ion:	276	Resp:	280
Ion Ratio	Lower	Upper	
276	100		
138	27.4	21.0	31.4
227	0.1	0.0	0.0

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Supervised By :mohammad ahmed 06/21/2024



#29

Benzo(g,h,i)perylene

Concen: 0.061 ng/ul

RT: 25.813 min Scan# 5651

Delta R.T. -0.017 min

Lab File: BM046056.D

Acq: 18 Jun 2024 18:12

Tgt Ion:	276	Resp:	2666
Ion Ratio	Lower	Upper	
276	100		
138	49.5	21.7	32.5#
277	37.7	20.4	30.6#

