

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045968.D
 Acq On : 11 Jun 2024 01:36
 Operator : MA/JU
 Sample : P2642-07DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH2DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 11 02:05:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 22:47:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	4544	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.238	136	14544	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	7867	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	13496	0.400	ng/ul	-0.02
17) Chrysene-d12	21.046	240	9551	0.400	ng/ul	0.00
23) Perylene-d12	23.150	264	10820m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	4506	0.871	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.866	152	955	0.046	ng/ul	0.02
18) Fluoranthene-d10	18.881	212	1610	0.056	ng/ul	-0.01
Target Compounds						
					Qvalue	
15) Phenanthrene	16.892	178	1690	0.045	ng/ul#	85
19) Fluoranthene	18.914	202	3542	0.093	ng/ul	95
20) Pyrene	19.272	202	3603	0.091	ng/ul#	89
21) Benzo(a)anthracene	21.035	228	1727	0.049	ng/ul#	77
22) Chrysene	21.081	228	1750	0.046	ng/ul#	85
24) Benzo(b)fluoranthene	22.531	252	2813m	0.078	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	1086m	0.028	ng/ul	
26) Benzo(a)pyrene	23.054	252	1696	0.048	ng/ul#	17
27) Indeno(1,2,3-cd)pyrene	25.222	276	1485	0.032	ng/ul#	94
29) Benzo(g,h,i)perylene	25.846	276	1630	0.041	ng/ul#	56

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

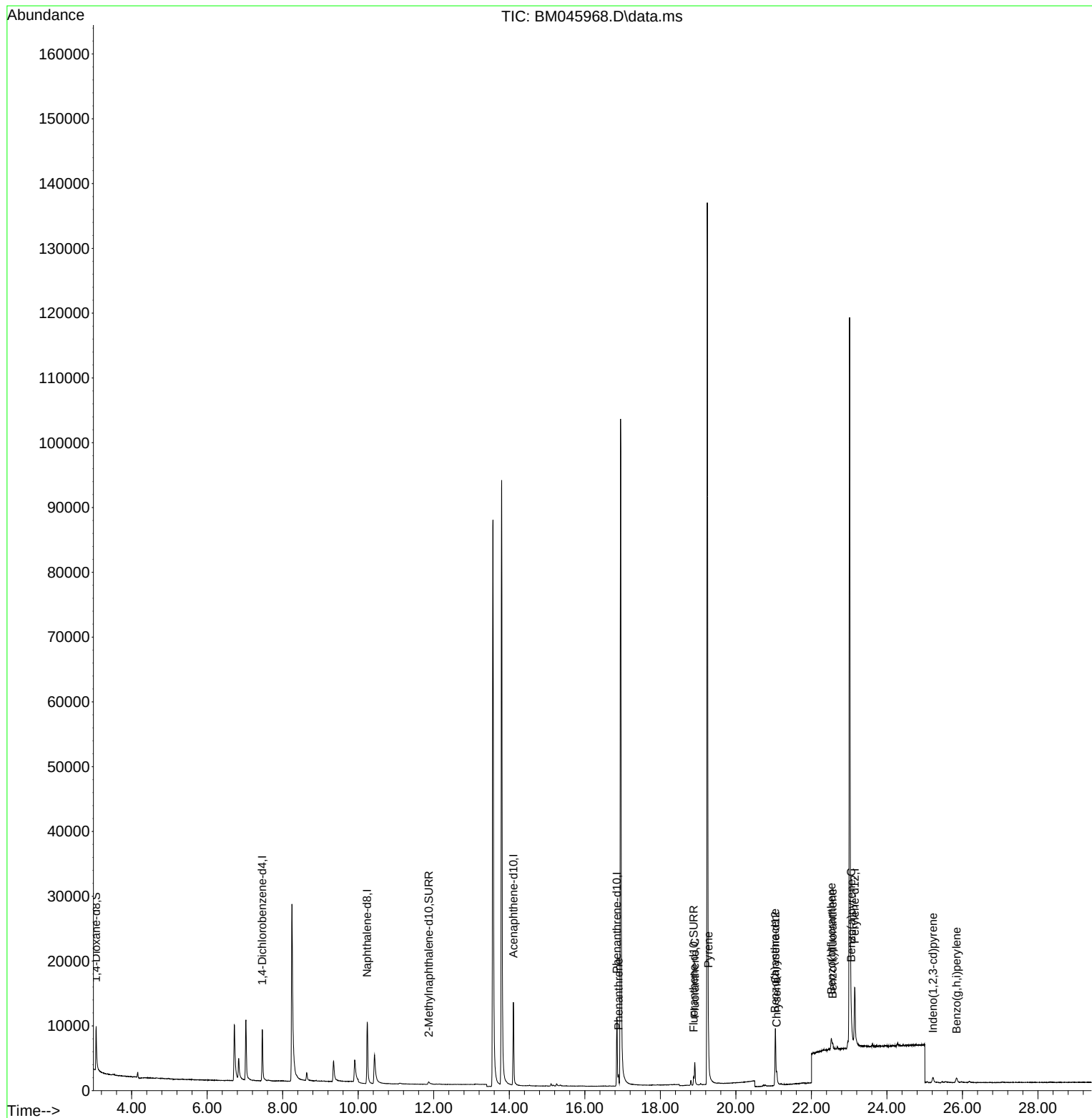
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045968.D
Acq On : 11 Jun 2024 01:36
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ALS Vial : 28 Sample Multiplier: 1

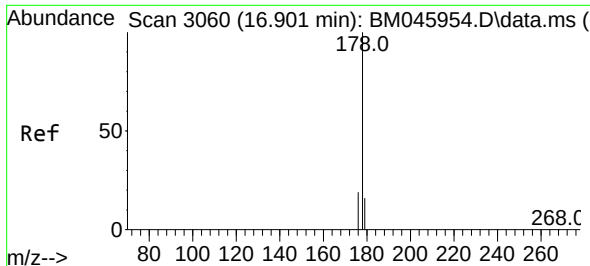
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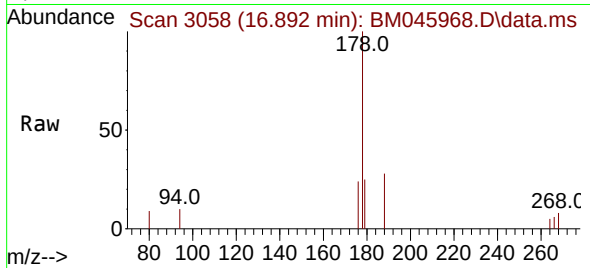
Quant Time: Jun 11 02:05:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.045 ng/u1
RT: 16.892 min Scan# 3060
Delta R.T. -0.011 min
Lab File: BM045968.D
Acq: 11 Jun 2024 01:36

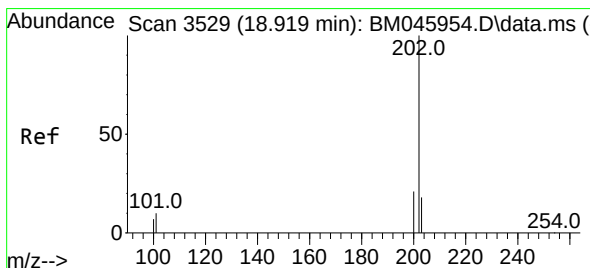
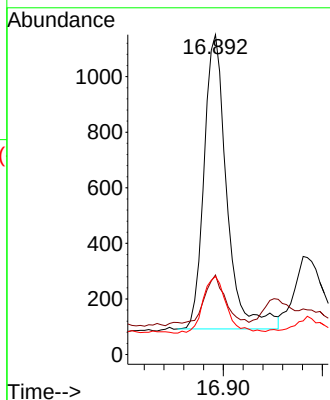
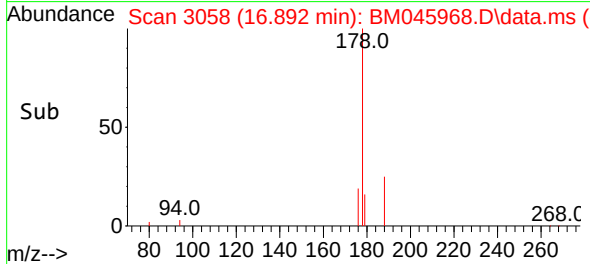
Instrument :
BNA_M
ClientSampleId :
A4BH2DL



Tgt Ion:178 Resp: 1690
Ion Ratio Lower Upper
178 100
179 24.8 12.7 19.1
176 24.4 15.6 23.4

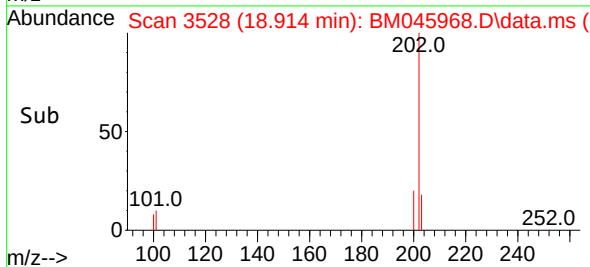
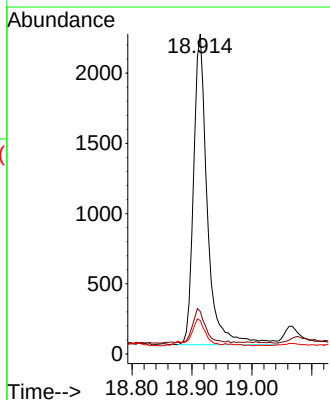
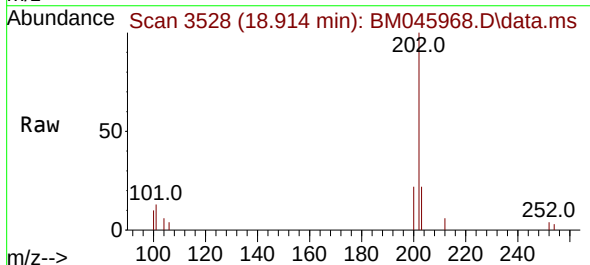
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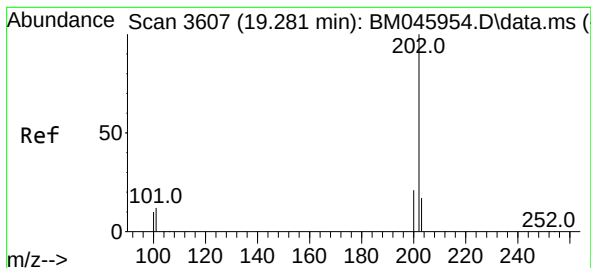
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#19
Fluoranthene
Concen: 0.093 ng/u1
RT: 18.914 min Scan# 3528
Delta R.T. -0.008 min
Lab File: BM045968.D
Acq: 11 Jun 2024 01:36

Tgt Ion:202 Resp: 3542
Ion Ratio Lower Upper
202 100
101 13.3 9.0 13.6
100 10.5 7.0 10.6





#20

Pyrene

Concen: 0.091 ng/ul

RT: 19.272 min Scan# 3605

Delta R.T. -0.013 min

Lab File: BM045968.D

Acq: 11 Jun 2024 01:36

Instrument :

BNA_M

ClientSampleId :

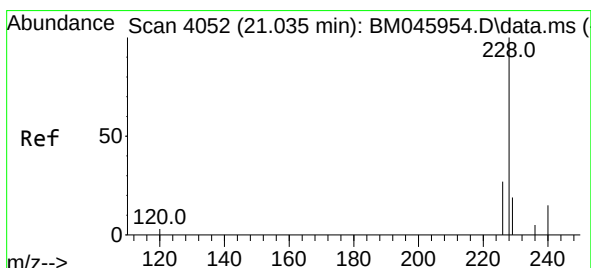
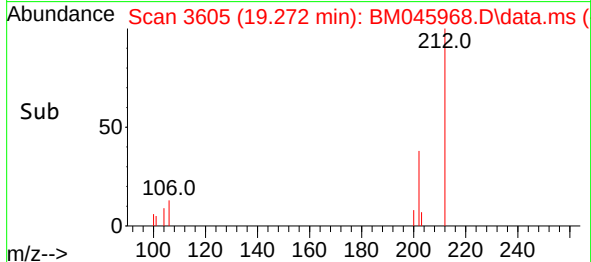
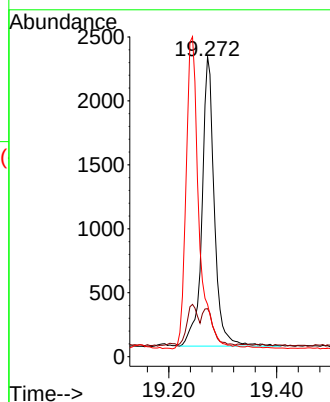
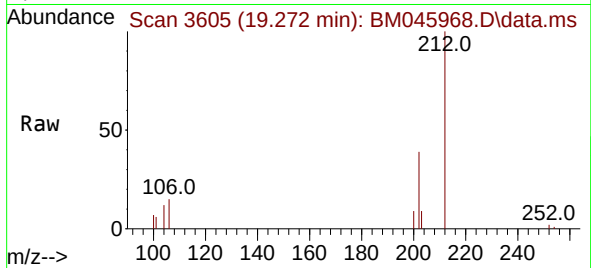
A4BH2DL

Tgt Ion:	202	Resp:	3605
Ion Ratio	Lower	Upper	
202	100		
101	16.0	10.6	16.0#
100	17.4	9.1	13.7#

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#21

Benzo(a)anthracene

Concen: 0.049 ng/ul

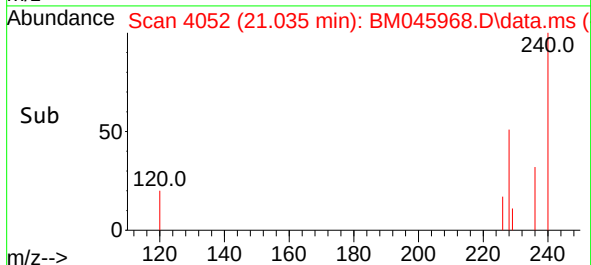
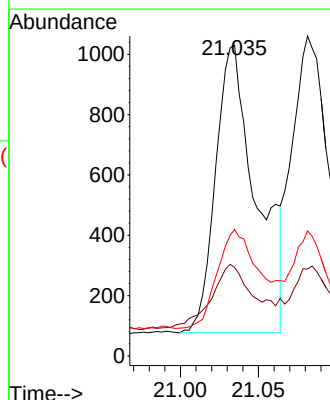
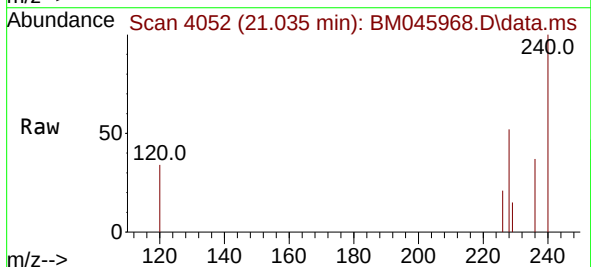
RT: 21.035 min Scan# 4052

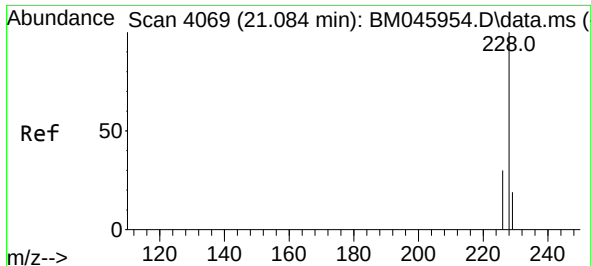
Delta R.T. -0.001 min

Lab File: BM045968.D

Acq: 11 Jun 2024 01:36

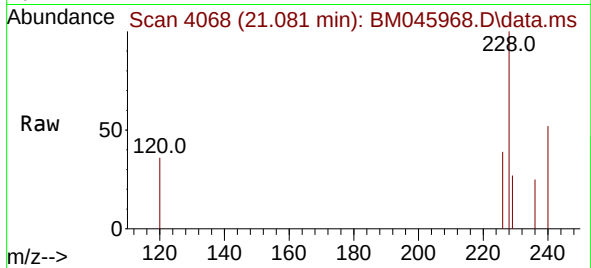
Tgt Ion:	228	Resp:	1727
Ion Ratio	Lower	Upper	
228	100		
229	28.4	15.7	23.5#
226	40.6	22.0	33.0#





#22
Chrysene
Concen: 0.046 ng/ul
RT: 21.081 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045968.D
Acq: 11 Jun 2024 01:36

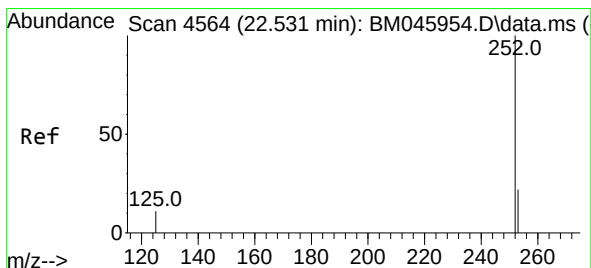
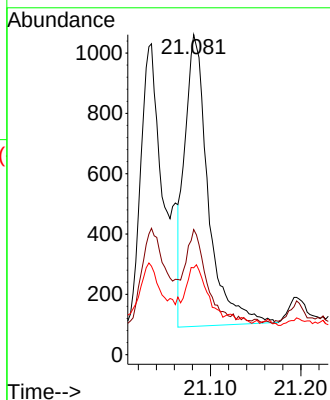
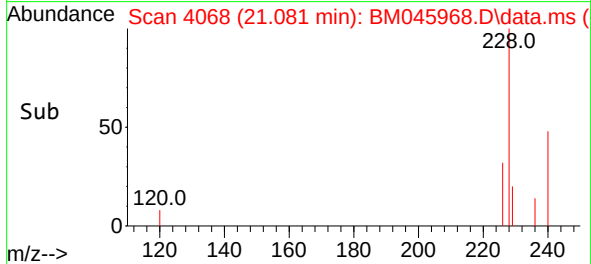
Instrument :
BNA_M
ClientSampleId :
A4BH2DL



Tgt Ion:228 Resp: 1750
Ion Ratio Lower Upper
228 100
226 39.1 24.5 36.7#
229 27.1 16.2 24.2#

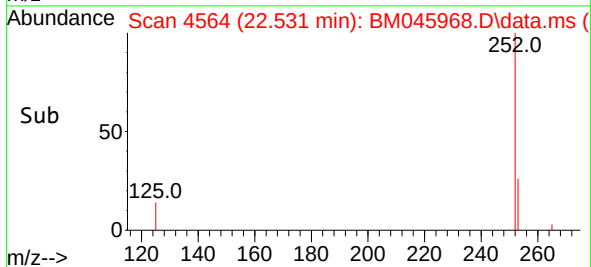
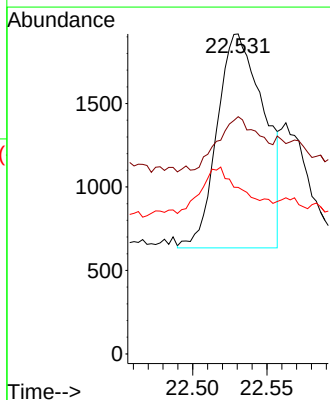
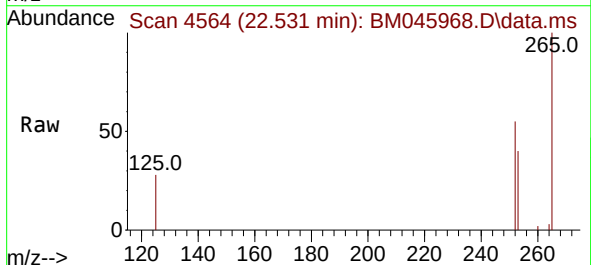
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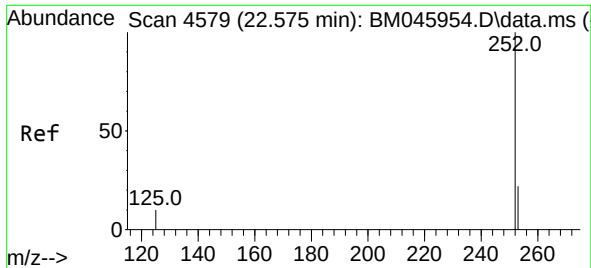
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#24
Benzo(b)fluoranthene
Concen: 0.078 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045968.D
Acq: 11 Jun 2024 01:36

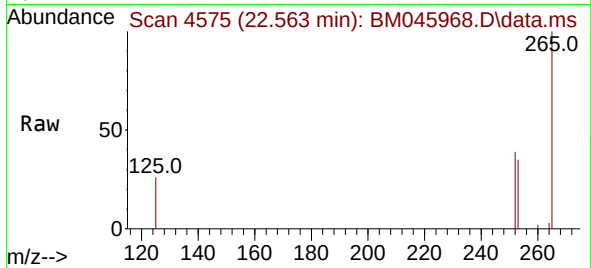
Tgt Ion:252 Resp: 2813
Ion Ratio Lower Upper
252 100
253 74.1 0.0 63.6#
125 52.1 0.0 35.8#





#25
Benzo(k)fluoranthene
Concen: 0.028 ng/ul m
RT: 22.563 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM045968.D
Acq: 11 Jun 2024 01:36

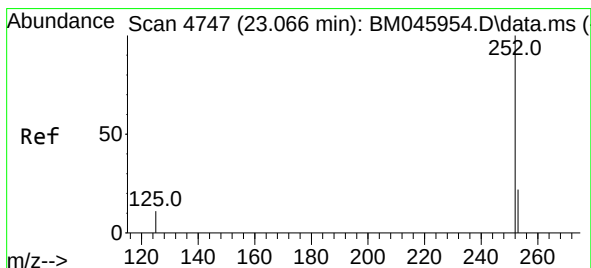
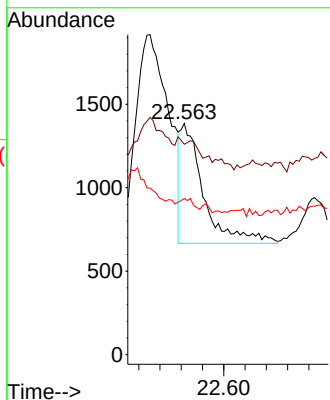
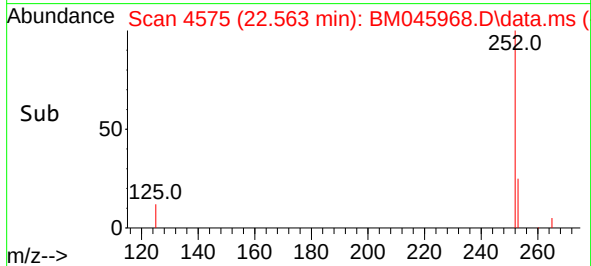
Instrument :
BNA_M
ClientSampleId :
A4BH2DL



Tgt Ion:252 Resp: 1080
Ion Ratio Lower Upper
252 100
253 91.0 25.0 37.6
125 67.5 14.2 21.2

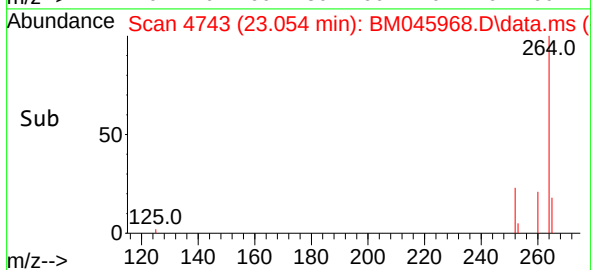
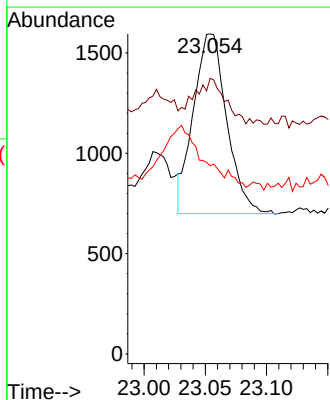
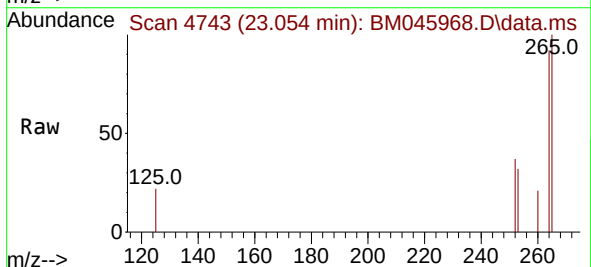
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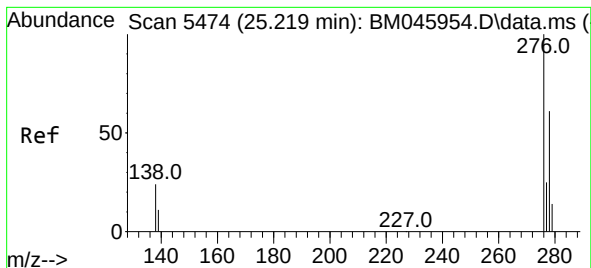
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#26
Benzo(a)pyrene
Concen: 0.048 ng/ul
RT: 23.054 min Scan# 4743
Delta R.T. -0.018 min
Lab File: BM045968.D
Acq: 11 Jun 2024 01:36

Tgt Ion:252 Resp: 1696
Ion Ratio Lower Upper
252 100
253 86.1 28.8 43.2#
125 58.9 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.032 ng/ul

RT: 25.222 min Scan# 5474

Delta R.T. -0.010 min

Lab File: BM045968.D

Acq: 11 Jun 2024 01:36

Instrument :

BNA_M

ClientSampleId :

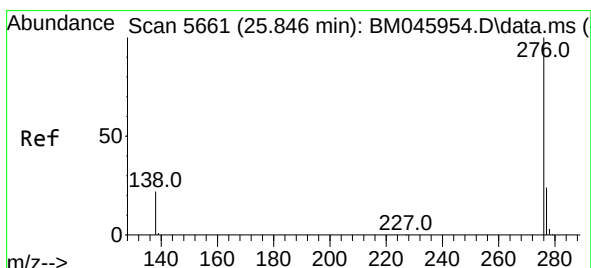
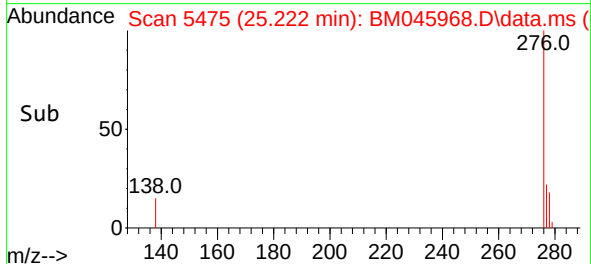
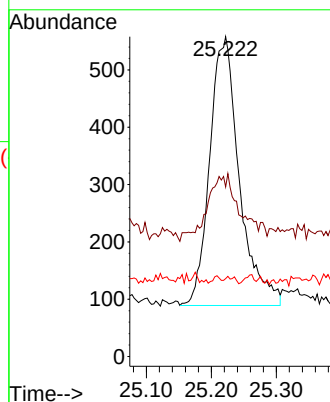
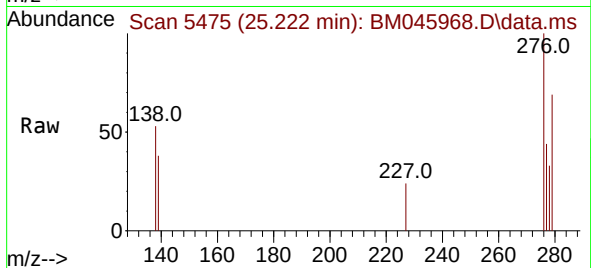
A4BH2DL

Tgt Ion:	276	Resp:	148
Ion Ratio	Lower	Upper	
276	100		
138	23.0	20.7	31.1
227	0.7	0.2	0.2

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Supervised By :mohammad ahmed 06/13/2024



#29

Benzo(g,h,i)perylene

Concen: 0.041 ng/ul

RT: 25.846 min Scan# 5661

Delta R.T. -0.017 min

Lab File: BM045968.D

Acq: 11 Jun 2024 01:36

Tgt Ion:	276	Resp:	1630
Ion Ratio	Lower	Upper	
276	100		
138	53.9	21.0	31.4#
277	42.3	20.5	30.7#

