

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045969.D
 Acq On : 11 Jun 2024 02:12
 Operator : MA/JU
 Sample : P2642-17DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B39DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 11 02:42:13 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	4391	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.242	136	13538	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.108	164	7739	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.849	188	15184	0.400	ng/ul	-0.02
17) Chrysene-d12	21.044	240	11896	0.400	ng/ul	0.00
23) Perylene-d12	23.145	264	13020m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	3823	0.764	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.865	152	784	0.040	ng/ul	0.02
18) Fluoranthene-d10	18.880	212	1711	0.048	ng/ul	-0.01
Target Compounds						
					Qvalue	
15) Phenanthrene	16.891	178	6543	0.153	ng/ul	97
16) Anthracene	16.984	178	1362	0.037	ng/ul#	81
19) Fluoranthene	18.913	202	11538	0.243	ng/ul	98
20) Pyrene	19.270	202	12071	0.244	ng/ul	98
21) Benzo(a)anthracene	21.029	228	4874	0.112	ng/ul#	92
22) Chrysene	21.082	228	5186	0.109	ng/ul	94
24) Benzo(b)fluoranthene	22.525	252	7193m	0.167	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	2799m	0.059	ng/ul	
26) Benzo(a)pyrene	23.052	252	5059	0.118	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.216	276	3807	0.069	ng/ul#	93
29) Benzo(g,h,i)perylene	25.836	276	4115	0.086	ng/ul#	83

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

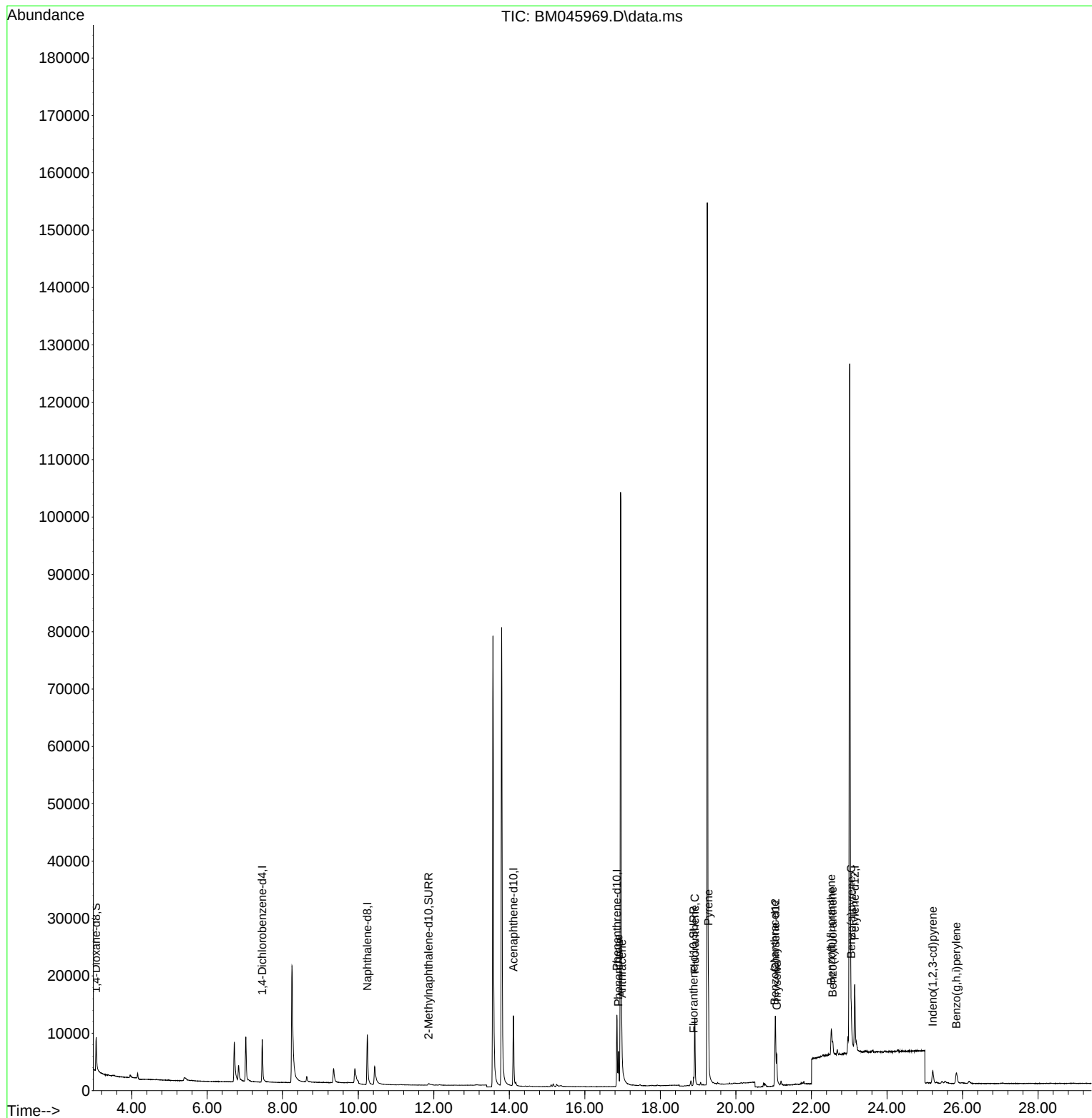
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045969.D
Acq On : 11 Jun 2024 02:12
Operator : MA/JU
Sample : P2642-17DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

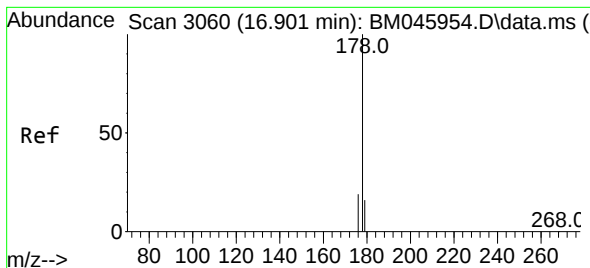
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QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration





#15

Phenanthrene

Concen: 0.153 ng/u1

RT: 16.891 min Scan# 3058

Delta R.T. -0.013 min

Lab File: BM045969.D

Acq: 11 Jun 2024 02:12

Instrument :

BNA_M

ClientSampleId :

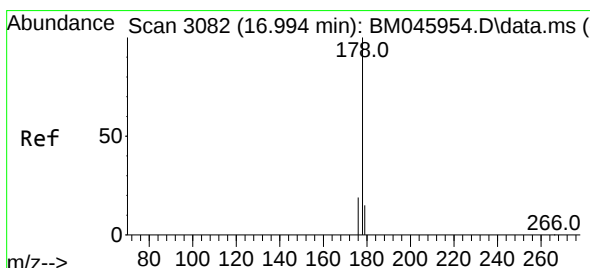
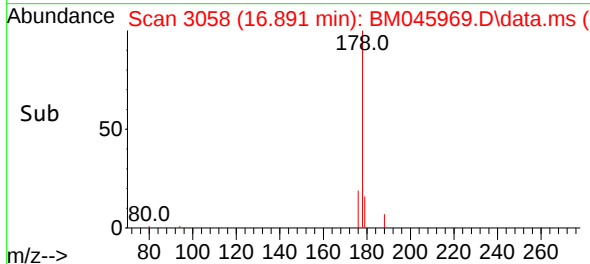
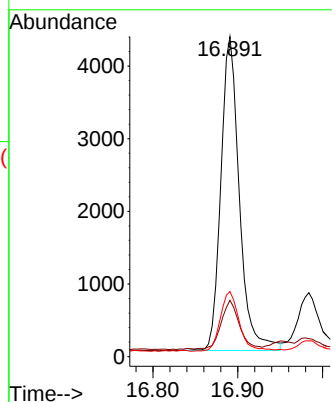
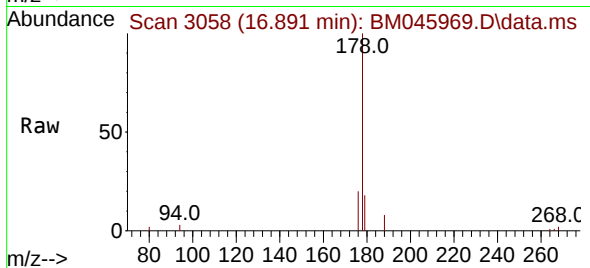
A4B39DL

Tgt Ion:	178	Resp:	654
Ion Ratio	Lower	Upper	
178	100		
179	17.6	12.7	19.1
176	20.4	15.6	23.4

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#16

Anthracene

Concen: 0.037 ng/u1

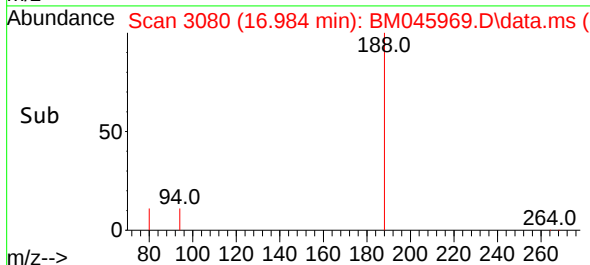
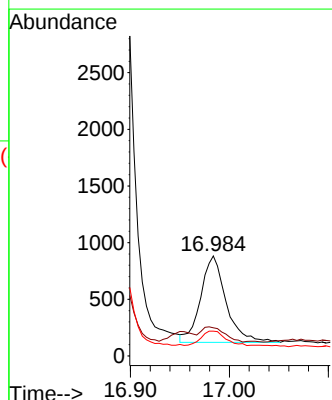
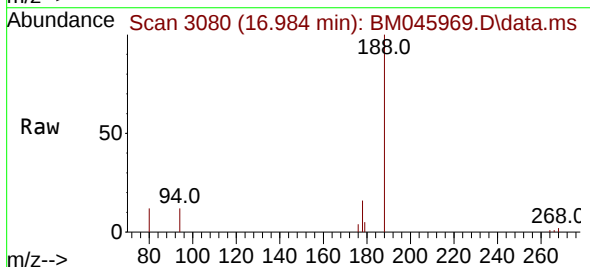
RT: 16.984 min Scan# 3080

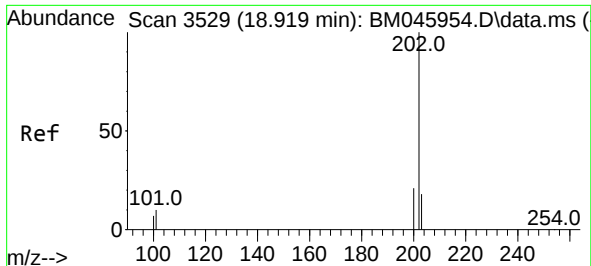
Delta R.T. -0.013 min

Lab File: BM045969.D

Acq: 11 Jun 2024 02:12

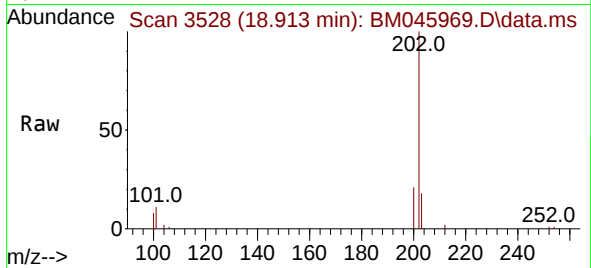
Tgt Ion:	178	Resp:	1362
Ion Ratio	Lower	Upper	
178	100		
179	28.1	13.1	19.7#
176	24.8	15.5	23.3#





#19
Fluoranthene
Concen: 0.243 ng/u1
RT: 18.913 min Scan# 3528
Delta R.T. -0.009 min
Lab File: BM045969.D
Acq: 11 Jun 2024 02:12

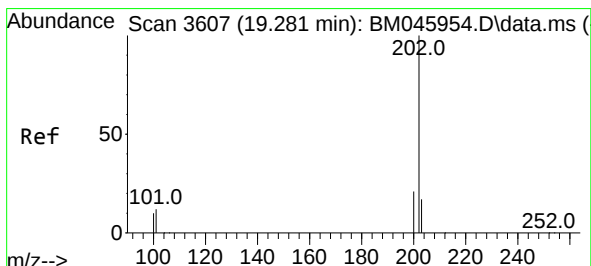
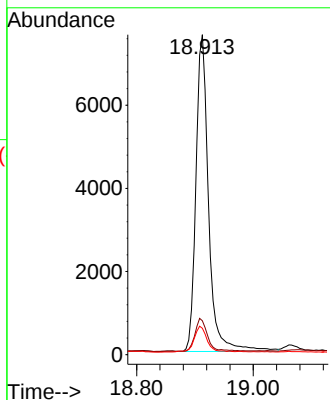
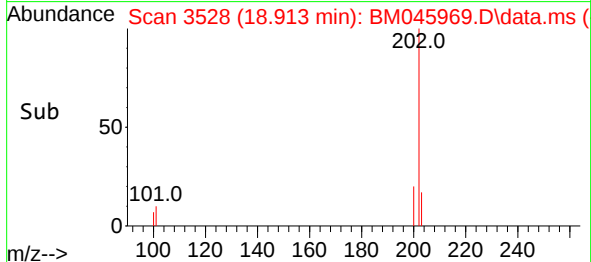
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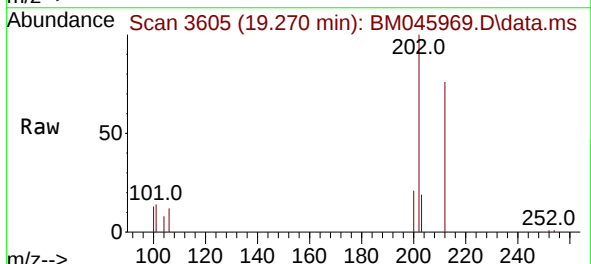
Tgt Ion:202 Resp: 11538
Ion Ratio Lower Upper
202 100
101 10.6 9.0 13.6
100 8.2 7.0 10.6

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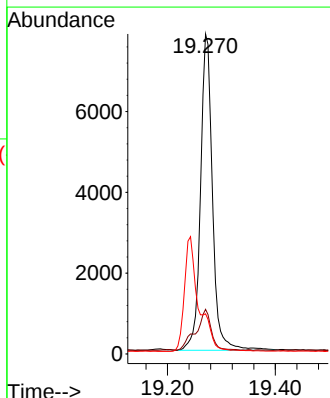
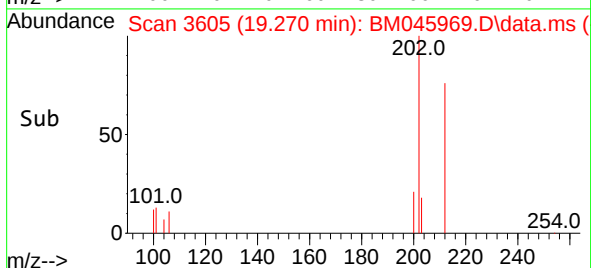
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

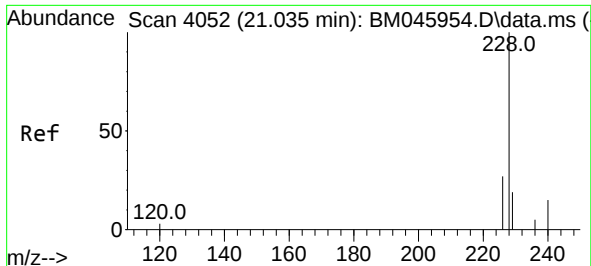


#20
Pyrene
Concen: 0.244 ng/u1
RT: 19.270 min Scan# 3605
Delta R.T. -0.014 min
Lab File: BM045969.D
Acq: 11 Jun 2024 02:12



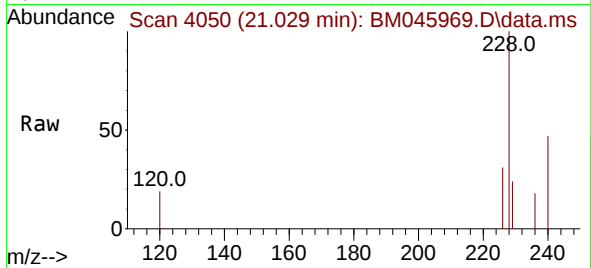
Tgt Ion:202 Resp: 12071
Ion Ratio Lower Upper
202 100
101 13.9 10.6 16.0
100 12.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.112 ng/ul
RT: 21.029 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BM045969.D
Acq: 11 Jun 2024 02:12

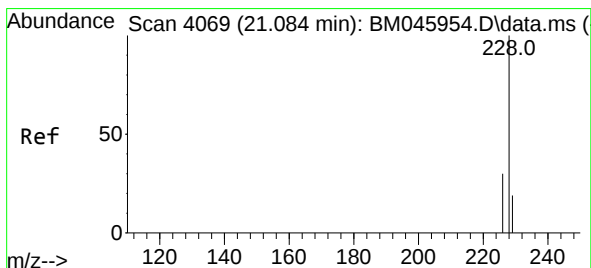
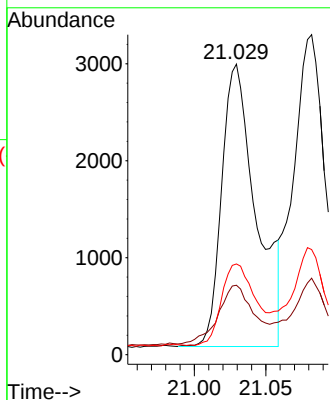
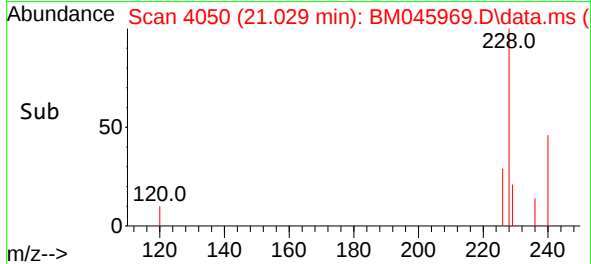
Instrument :
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ClientSampleId :
A4B39DL



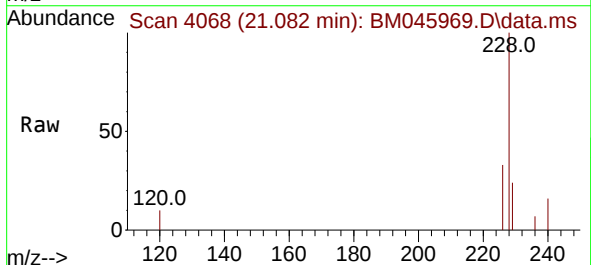
Tgt Ion:228 Resp: 4874
Ion Ratio Lower Upper
228 100
229 23.9 15.7 23.5
226 31.2 22.0 33.0

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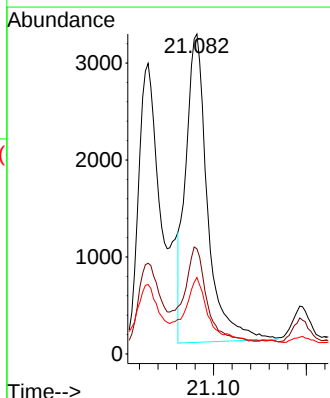
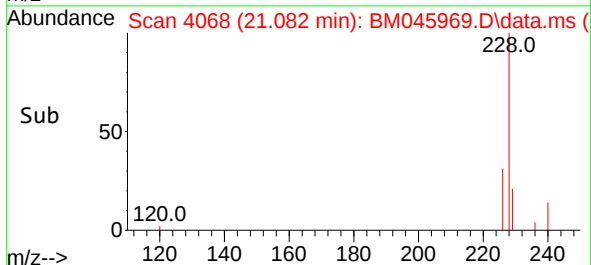
Reviewed By :Jagrut Upadhyay 06/11/2024
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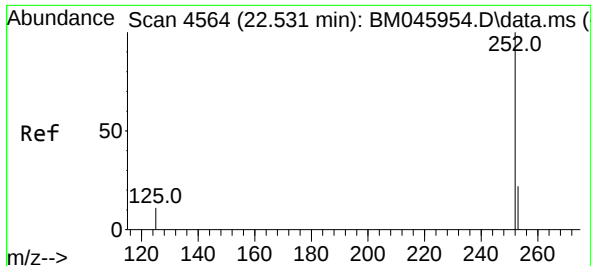


#22
Chrysene
Concen: 0.109 ng/ul
RT: 21.082 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045969.D
Acq: 11 Jun 2024 02:12



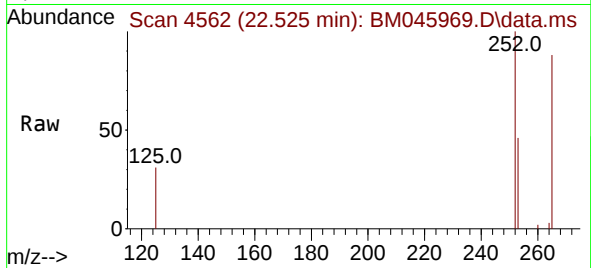
Tgt Ion:228 Resp: 5186
Ion Ratio Lower Upper
228 100
226 32.8 24.5 36.7
229 23.9 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.167 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045969.D
Acq: 11 Jun 2024 02:12

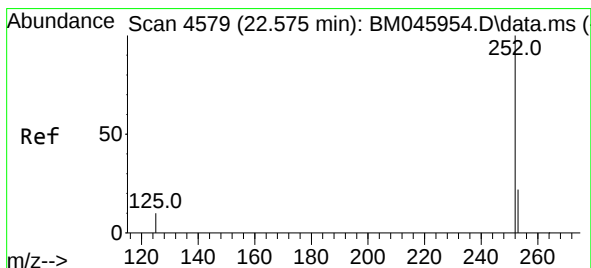
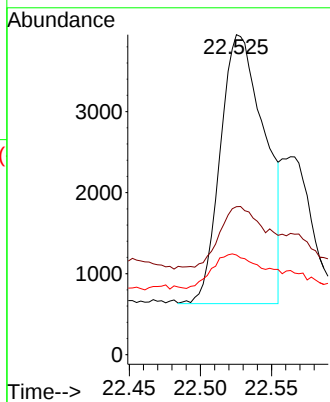
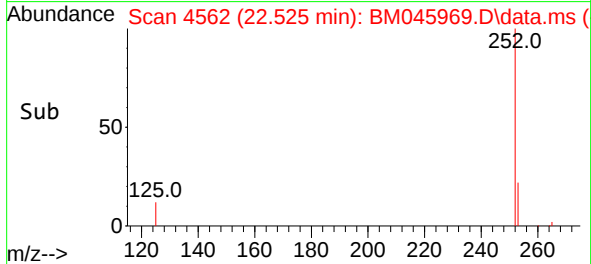
Instrument :
BNA_M
ClientSampleId :
A4B39DL



Tgt Ion:252 Resp: 719
Ion Ratio Lower Upper
252 100
253 46.2 0.0 63.6
125 31.2 0.0 35.8

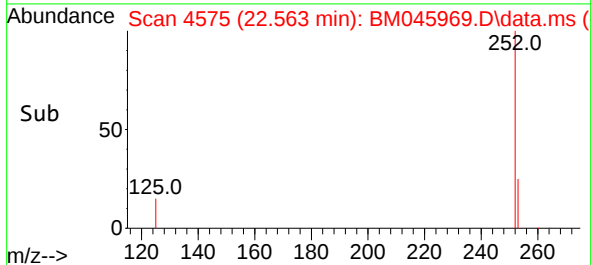
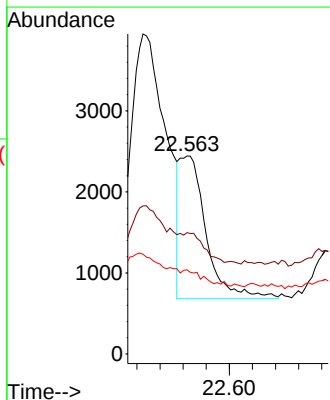
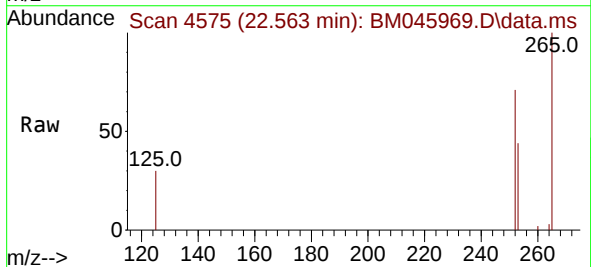
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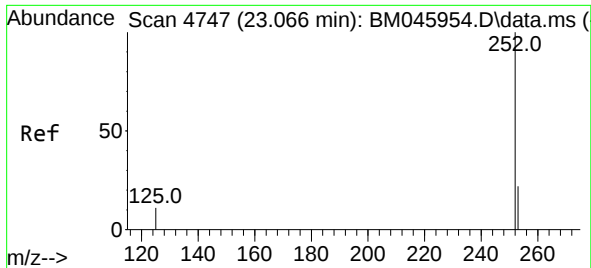
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.059 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.018 min
Lab File: BM045969.D
Acq: 11 Jun 2024 02:12

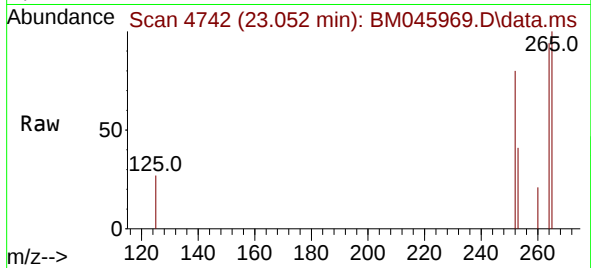
Tgt Ion:252 Resp: 2799
Ion Ratio Lower Upper
252 100
253 61.3 25.0 37.6#
125 42.5 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 0.118 ng/ul
RT: 23.052 min Scan# 4742
Delta R.T. -0.020 min
Lab File: BM045969.D
Acq: 11 Jun 2024 02:12

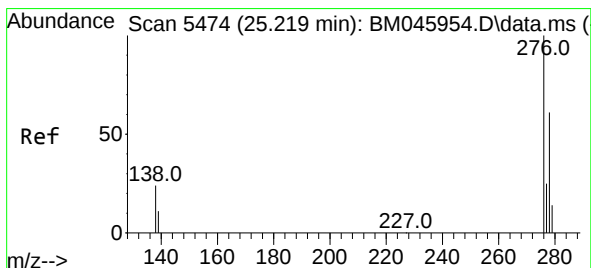
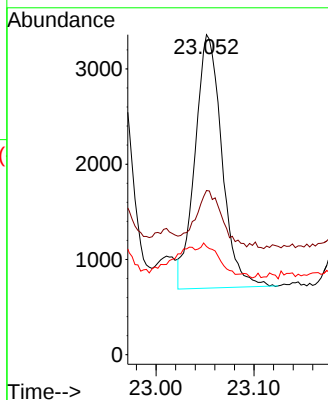
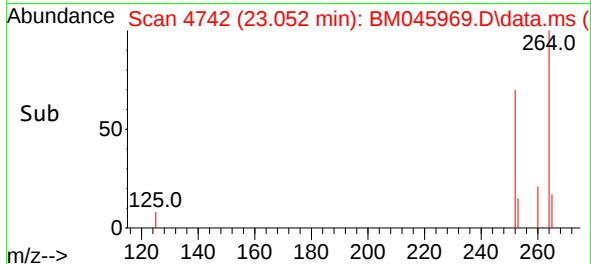
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A4B39DL



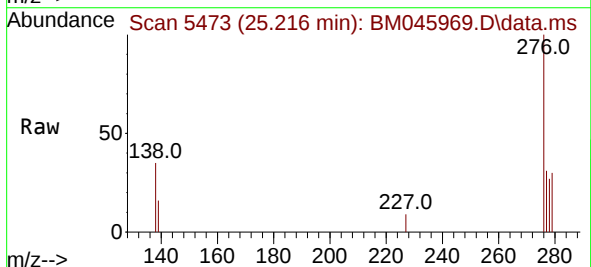
Tgt Ion:252 Resp: 5059
Ion Ratio Lower Upper
252 100
253 51.3 28.8 43.2
125 33.8 17.3 25.9

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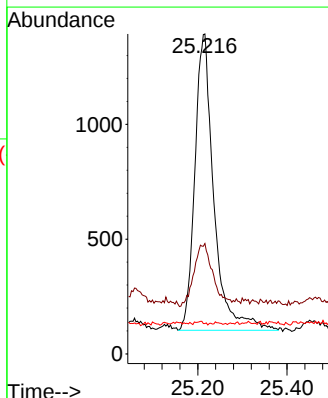
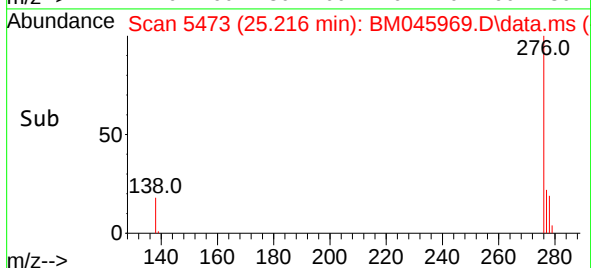
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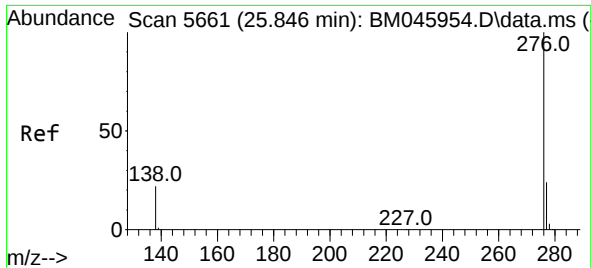


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/ul
RT: 25.216 min Scan# 5473
Delta R.T. -0.016 min
Lab File: BM045969.D
Acq: 11 Jun 2024 02:12



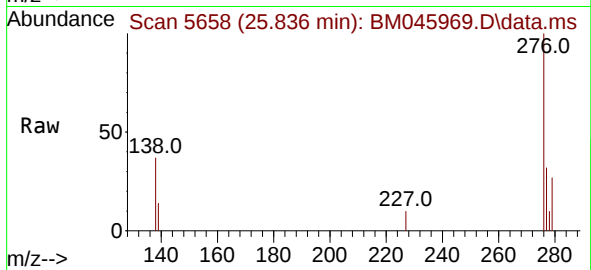
Tgt Ion:276 Resp: 3807
Ion Ratio Lower Upper
276 100
138 22.1 20.7 31.1
227 0.6 0.2 0.2





#29
Benzo(g,h,i)perylene
Concen: 0.086 ng/ul
RT: 25.836 min Scan# 50
Delta R.T. -0.026 min
Lab File: BM045969.D
Acq: 11 Jun 2024 02:12

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 276 Resp: 411
Ion Ratio Lower Upper
276 100
138 37.0 21.0 31.4
277 32.1 20.5 30.7

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