

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049109.D
 Acq On : 20 Dec 2024 20:25
 Operator : RC/JU
 Sample : P5265-03DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 22:11:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	8973	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	27429	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	15513	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	32549	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	26801	0.400	ng/ul	0.00
23) Perylene-d12	23.306	264	29042	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	7955	0.769	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	1788	0.049	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	3357	0.044	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	1730	0.025	ng/ul#	80
7) 2-Methylnaphthalene	11.998	142	1386	0.032	ng/ul	100
8) 1-Methylnaphthalene	12.218	142	1010	0.023	ng/ul	99
10) Acenaphthylene	13.910	152	51095	0.795	ng/ul	99
11) Acenaphthene	14.257	153	2995	0.064	ng/ul	95
12) Fluorene	15.252	166	3200	0.060	ng/ul#	92
15) Phenanthrene	16.985	178	49616	0.584	ng/ul	99
16) Anthracene	17.078	178	28928	0.371	ng/ul	100
19) Fluoranthene	19.012	202	282421	2.914	ng/ul	98
20) Pyrene	19.374	202	257726	2.494	ng/ul	98
21) Benzo(a)anthracene	21.128	228	152645	1.637	ng/ul	97
22) Chrysene	21.181	228	134130	1.341	ng/ul	97
24) Benzo(b)fluoranthene	22.665	252	177131m	1.909	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	65186m	0.640	ng/ul	
26) Benzo(a)pyrene	23.209	252	125238m	1.408	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.440	276	87142	0.692	ng/ul	92
28) Dibenzo(a,h)anthracene	25.450	278	21889	0.224	ng/ul	94
29) Benzo(g,h,i)perylene	26.094	276	85564	0.845	ng/ul	98

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

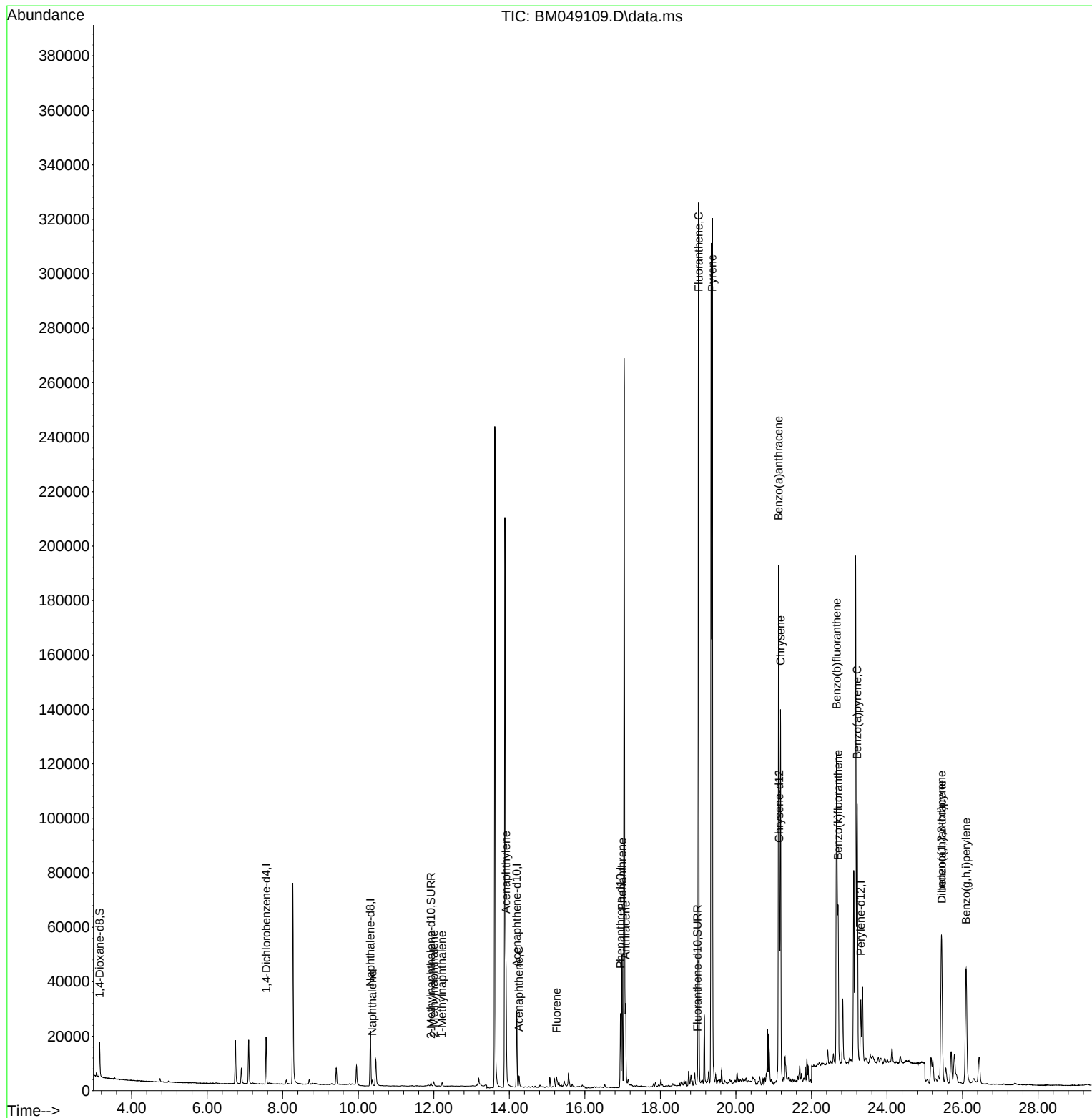
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049109.D
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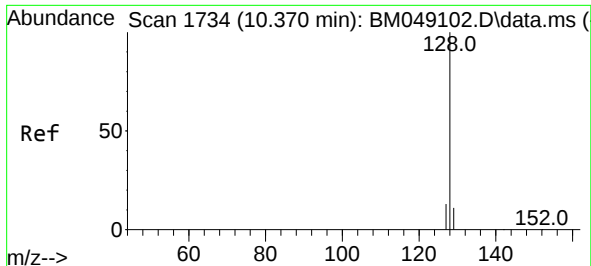
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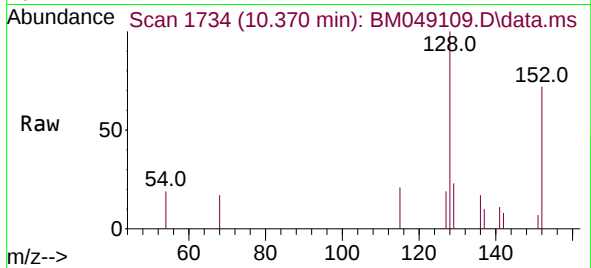
Quant Time: Dec 20 22:11:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25

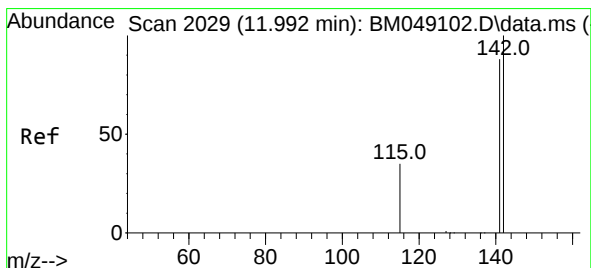
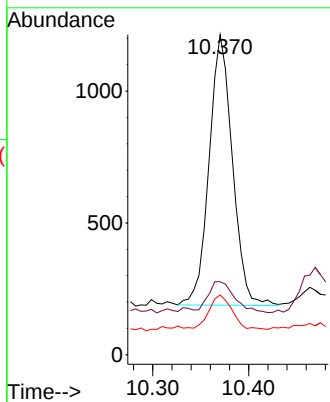
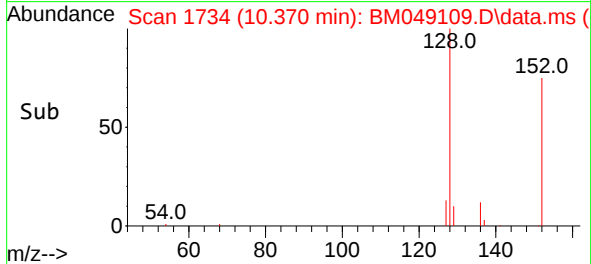
Instrument :
BNA_M
ClientSampleId :
E28Y8DL



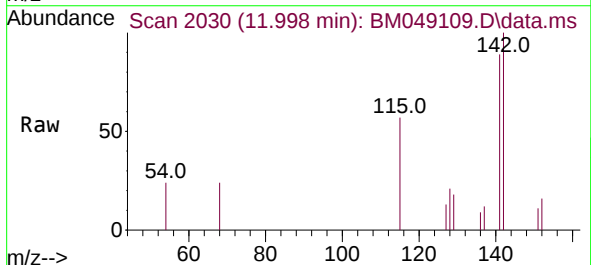
Tgt Ion:128 Resp: 1734
Ion Ratio Lower Upper
128 100
129 22.8 9.7 14.5
127 18.7 10.6 16.0

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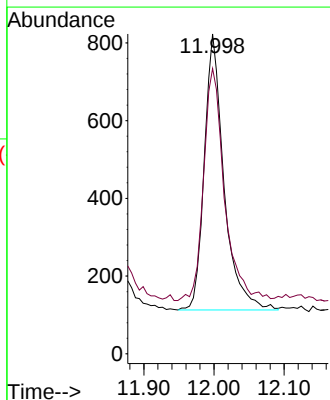
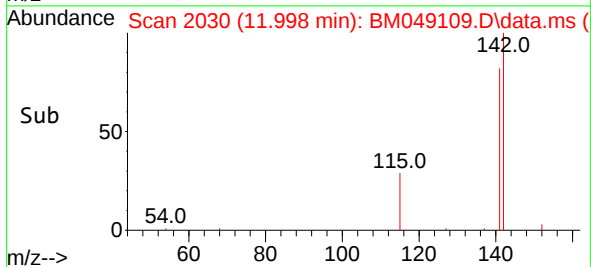
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

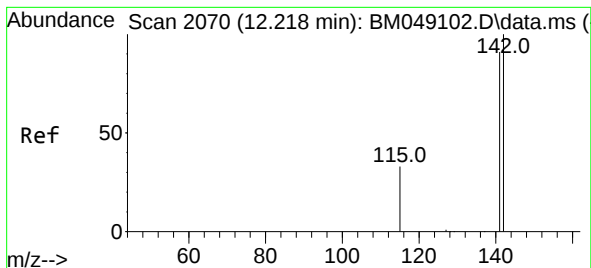


#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 11.998 min Scan# 2030
Delta R.T. -0.004 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25



Tgt Ion:142 Resp: 1386
Ion Ratio Lower Upper
142 100
141 89.2 71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 12.218 min Scan# 2070

Delta R.T. -0.004 min

Lab File: BM049109.D

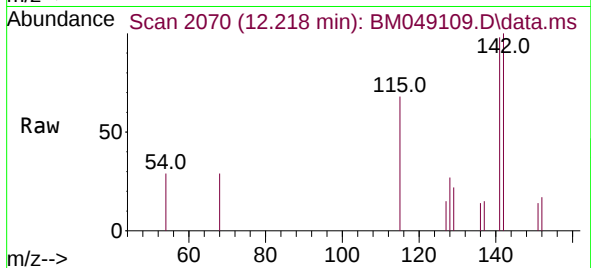
Acq: 20 Dec 2024 20:25

Instrument :

BNA_M

ClientSampleId :

E28Y8DL



Tgt Ion:142 Resp: 1010

Ion Ratio Lower Upper

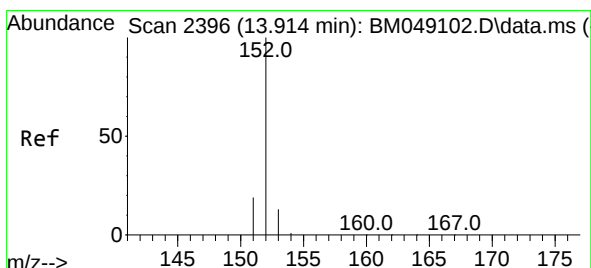
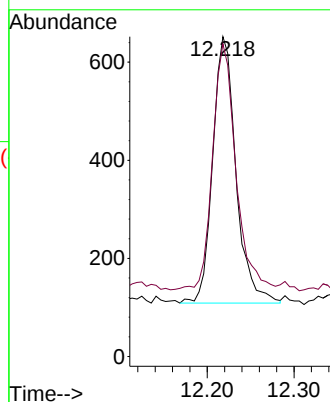
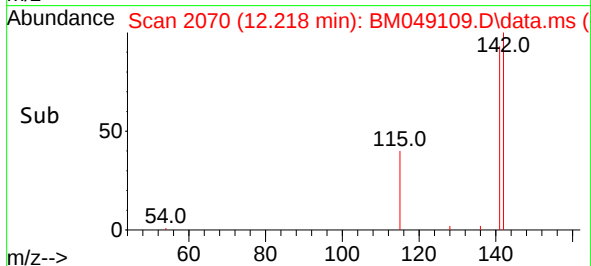
142 100

141 92.2 72.7 109.1

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#10

Acenaphthylene

Concen: 0.795 ng/ul

RT: 13.910 min Scan# 2395

Delta R.T. -0.008 min

Lab File: BM049109.D

Acq: 20 Dec 2024 20:25

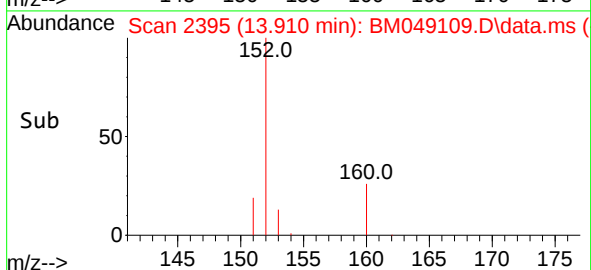
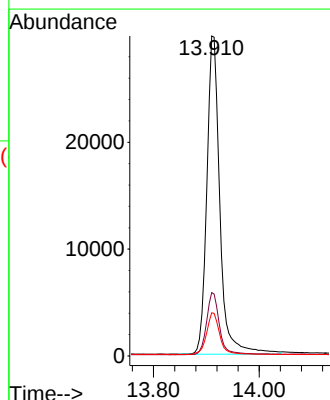
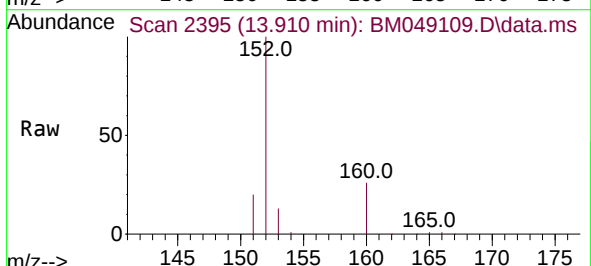
Tgt Ion:152 Resp: 51095

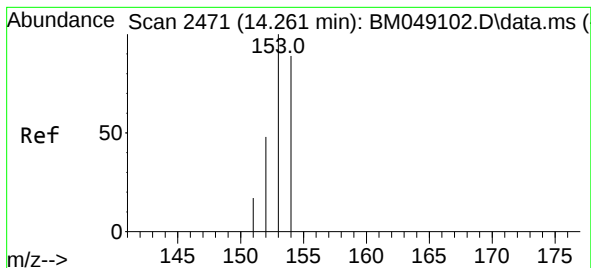
Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

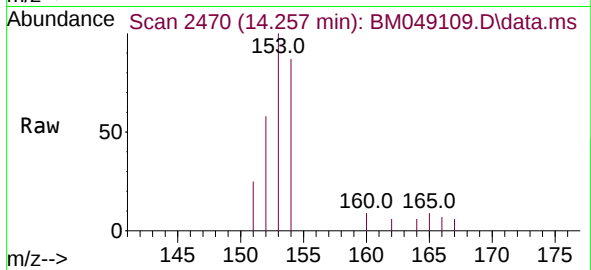
153 13.5 11.0 16.6





#11
Acenaphthene
Concen: 0.064 ng/u1
RT: 14.257 min Scan# 2471
Delta R.T. -0.008 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25

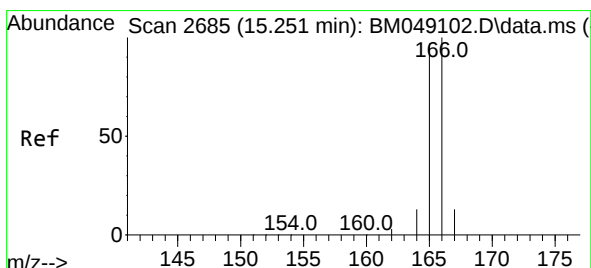
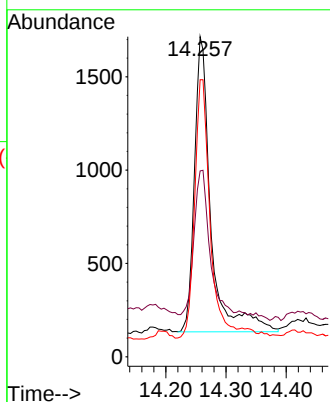
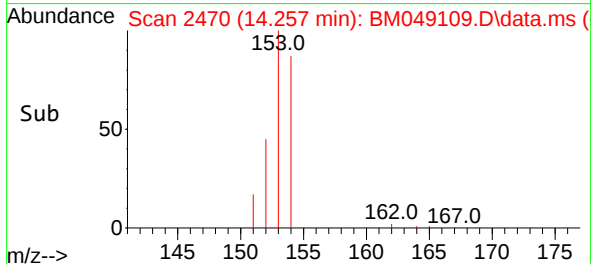
Instrument :
BNA_M
ClientSampleId :
E28Y8DL



Tgt Ion:153 Resp: 299
Ion Ratio Lower Upper
153 100
152 58.1 40.7 61.1
154 86.5 70.8 106.2

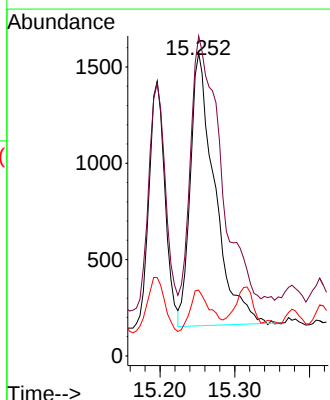
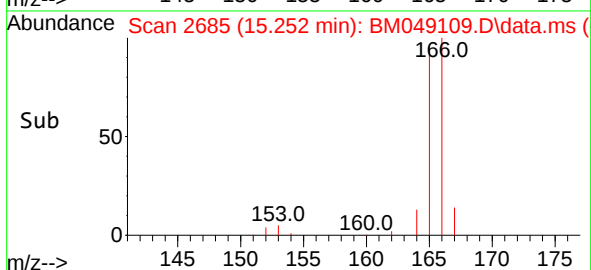
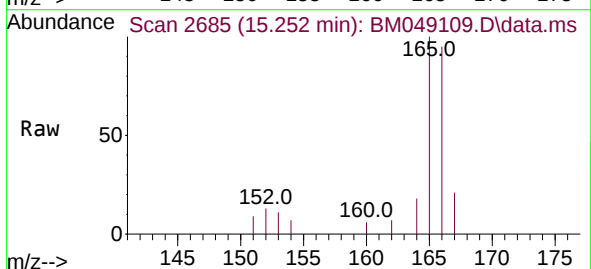
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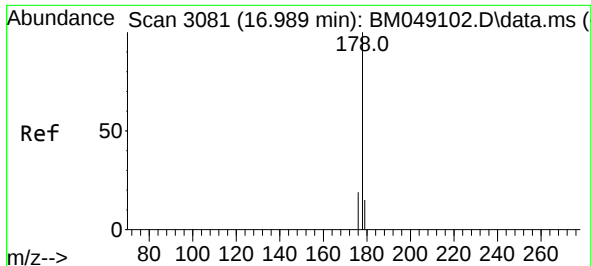
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.060 ng/u1
RT: 15.252 min Scan# 2685
Delta R.T. -0.003 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25

Tgt Ion:166 Resp: 3200
Ion Ratio Lower Upper
166 100
165 105.7 79.7 119.5
167 21.7 11.4 17.0#





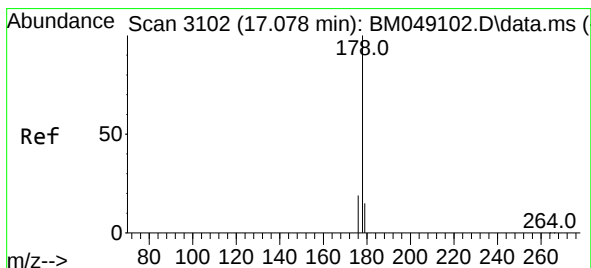
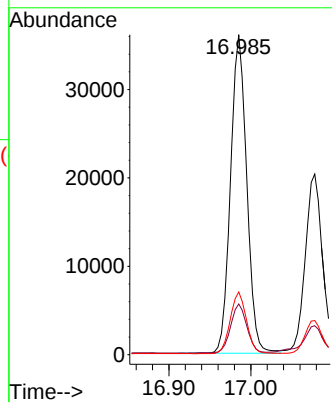
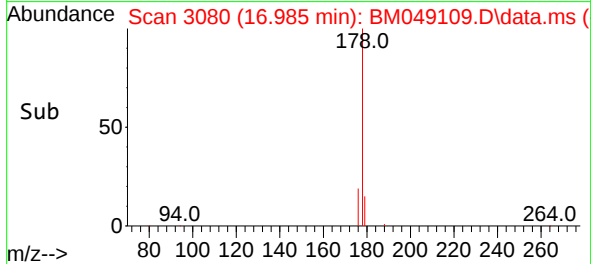
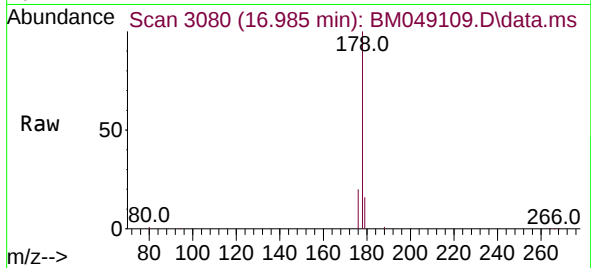
#15
Phenanthrene
Concen: 0.584 ng/u1
RT: 16.985 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25

Instrument :
BNA_M
ClientSampleId :
E28Y8DL

Tgt Ion:178 Resp: 49610
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.6 16.2 24.2

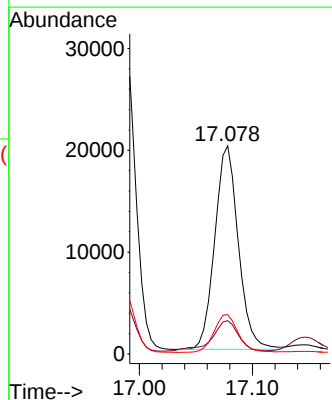
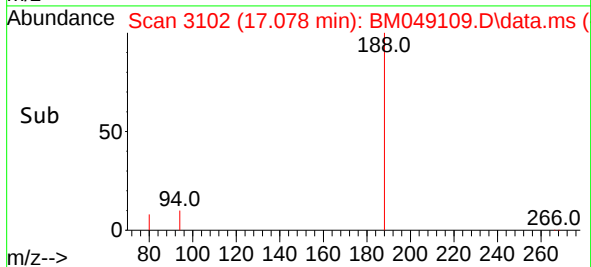
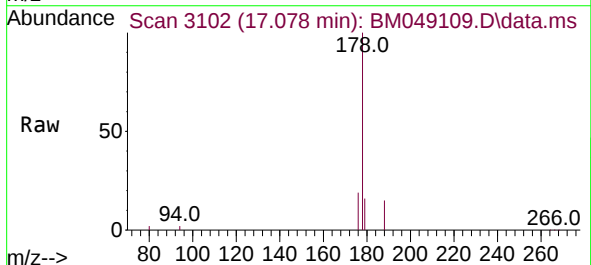
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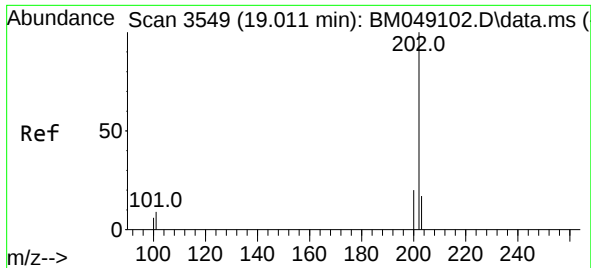
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.371 ng/u1
RT: 17.078 min Scan# 3102
Delta R.T. -0.007 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25

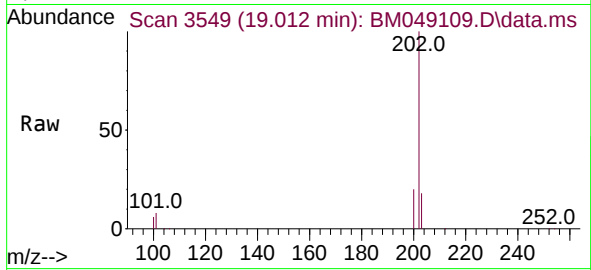
Tgt Ion:178 Resp: 28928
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 18.9 15.3 22.9





#19
Fluoranthene
Concen: 2.914 ng/ul
RT: 19.012 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25

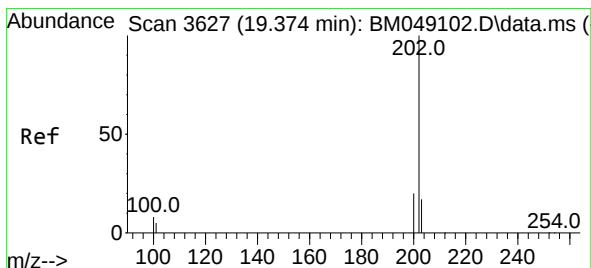
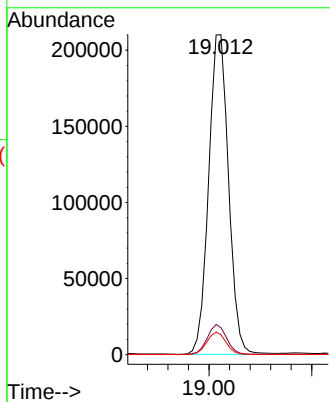
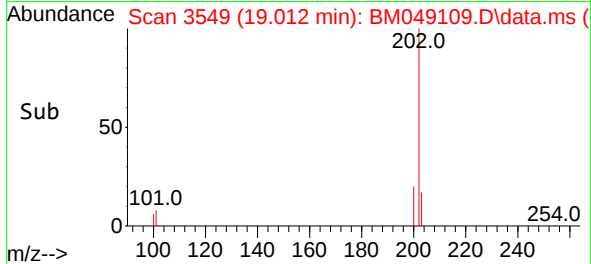
Instrument :
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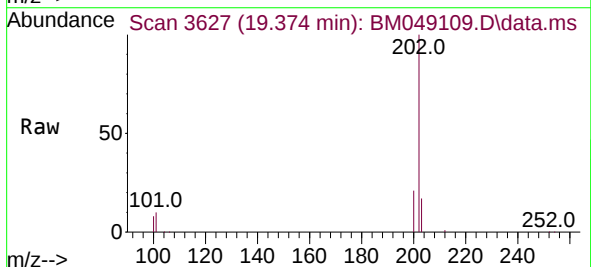
Tgt Ion:202 Resp: 28242
Ion Ratio Lower Upper
202 100
101 8.5 7.6 11.4
100 6.2 5.5 8.3

Manual Integrations
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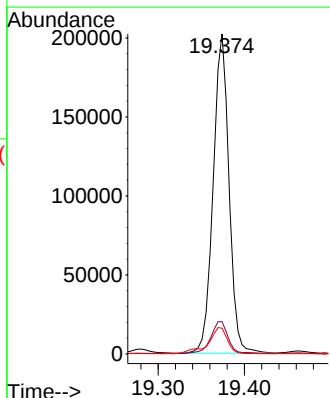
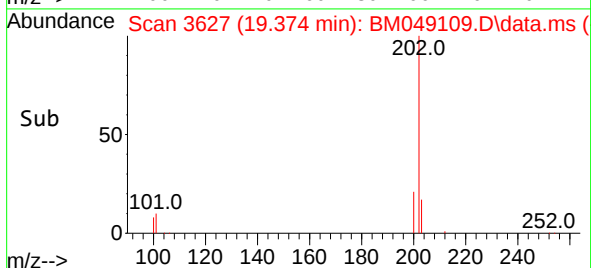
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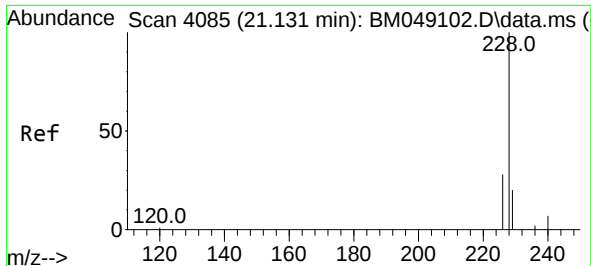


#20
Pyrene
Concen: 2.494 ng/ul
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25



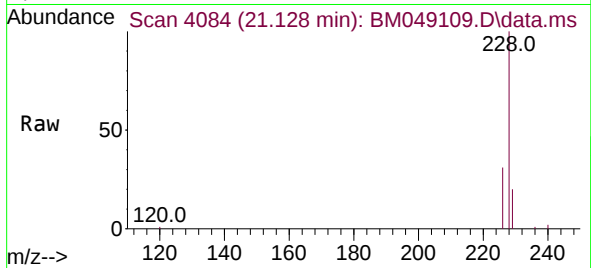
Tgt Ion:202 Resp: 257726
Ion Ratio Lower Upper
202 100
101 10.1 8.9 13.3
100 8.1 6.9 10.3





#21
Benzo(a)anthracene
Concen: 1.637 ng/ul
RT: 21.128 min Scan# 4085
Delta R.T. -0.003 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25

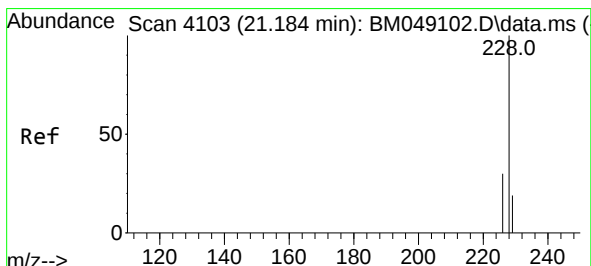
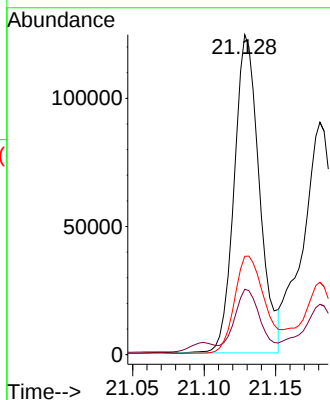
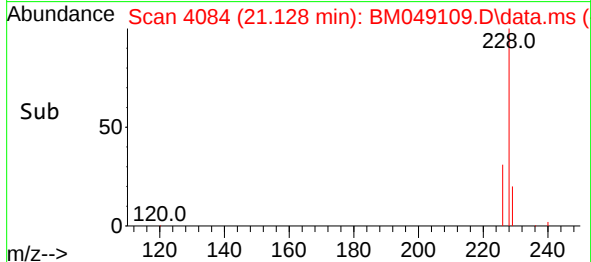
Instrument :
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E28Y8DL



Tgt Ion:228 Resp: 152645
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 30.8 22.6 34.0

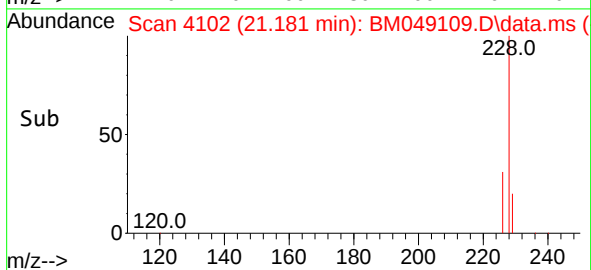
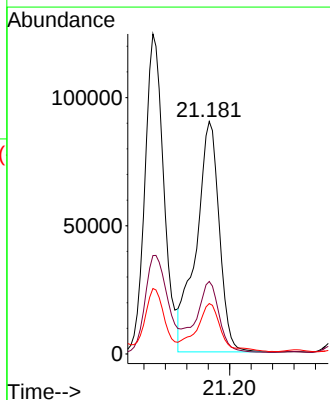
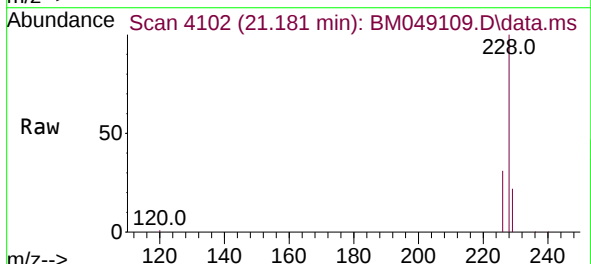
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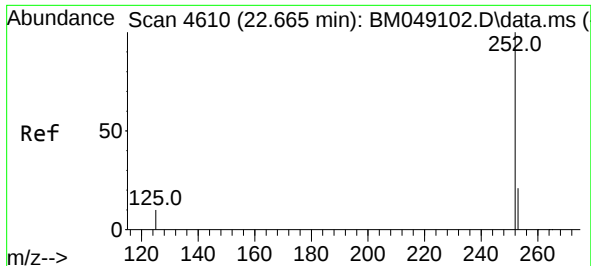
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 1.341 ng/ul
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25

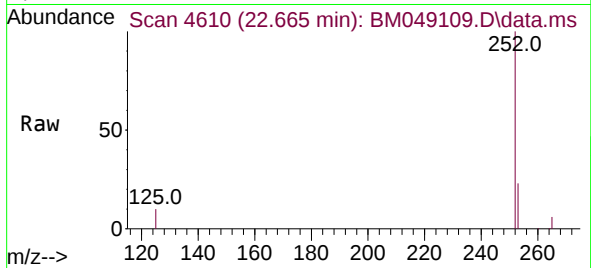
Tgt Ion:228 Resp: 134130
Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 21.7 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 1.909 ng/ul m
RT: 22.665 min Scan# 4610
Delta R.T. 0.003 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25

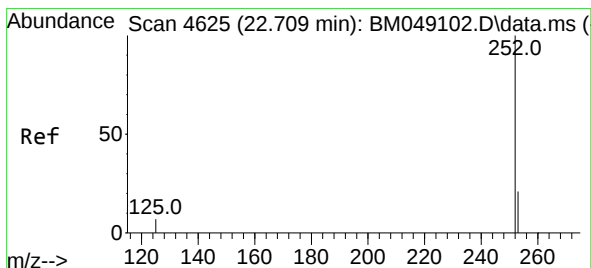
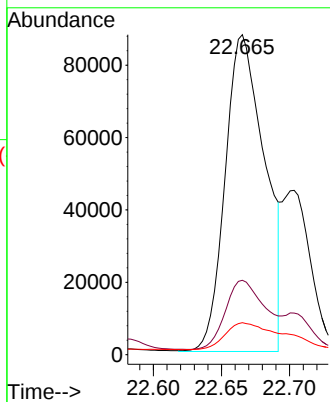
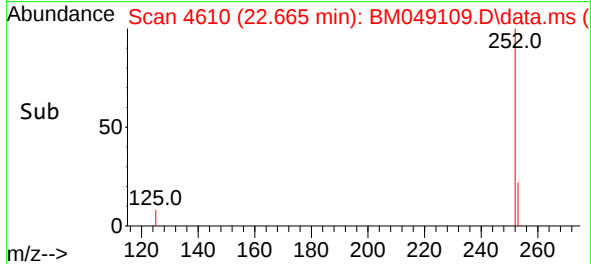
Instrument :
BNA_M
ClientSampleId :
E28Y8DL



Tgt Ion:252 Resp: 17713
Ion Ratio Lower Upper
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253 23.3 0.0 52.6
125 10.0 0.0 30.8

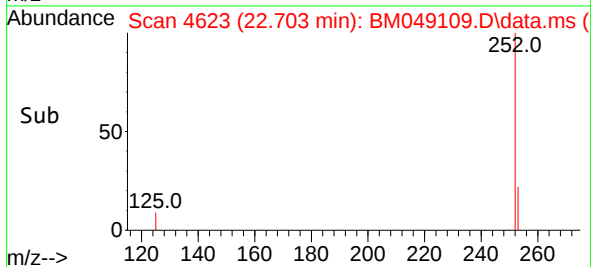
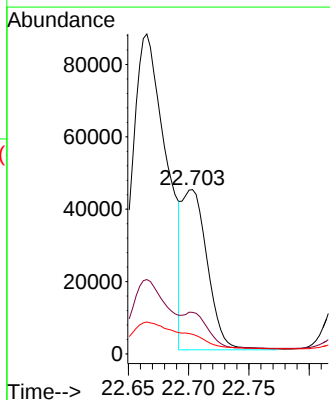
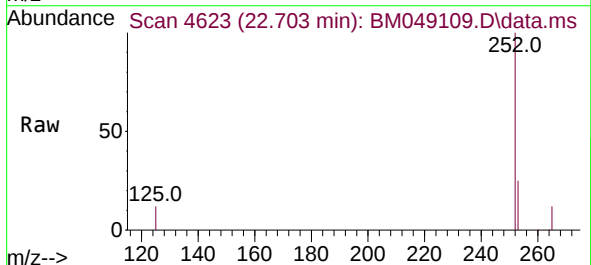
Manual Integrations
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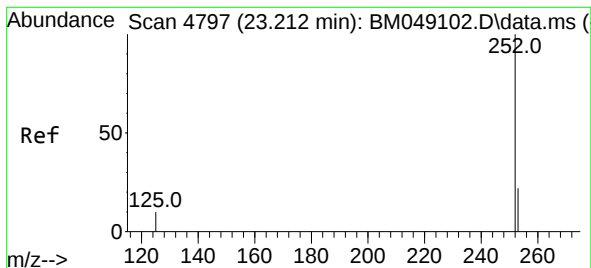
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.640 ng/ul m
RT: 22.703 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25

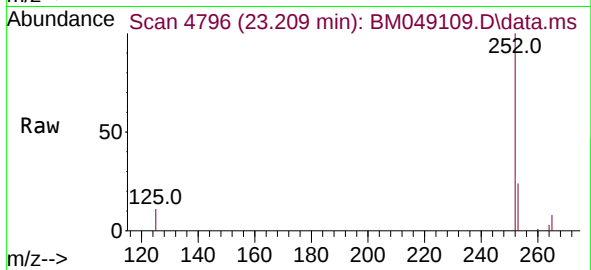
Tgt Ion:252 Resp: 65186
Ion Ratio Lower Upper
252 100
253 25.4 21.3 31.9
125 12.0 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 1.408 ng/ul m
RT: 23.209 min Scan# 4796
Delta R.T. -0.000 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25

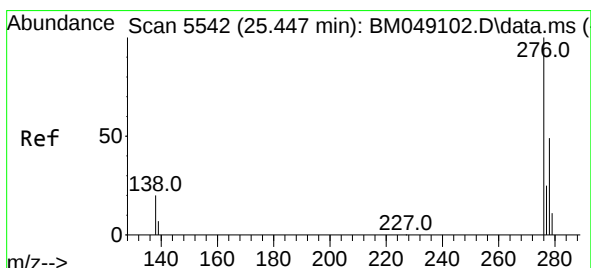
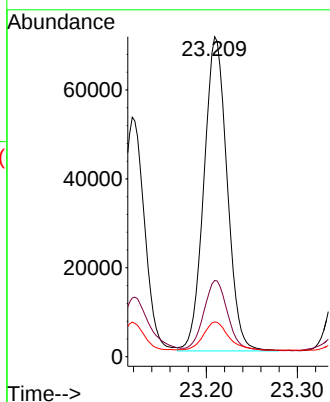
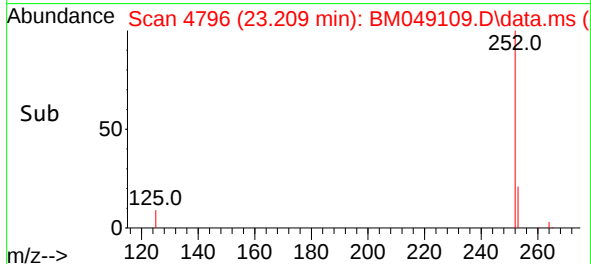
Instrument :
BNA_M
ClientSampleId :
E28Y8DL



Tgt Ion:252 Resp: 125238
Ion Ratio Lower Upper
252 100
253 23.8 22.4 33.6
125 10.9 14.8 22.2

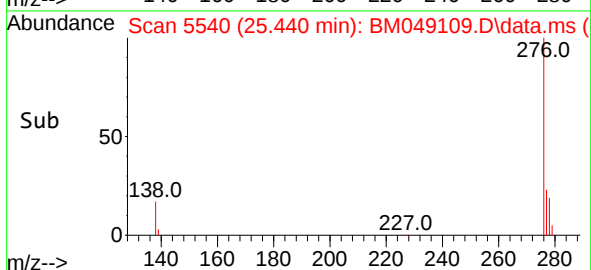
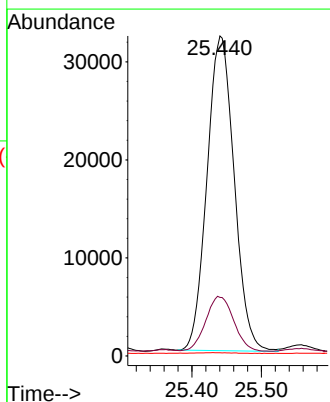
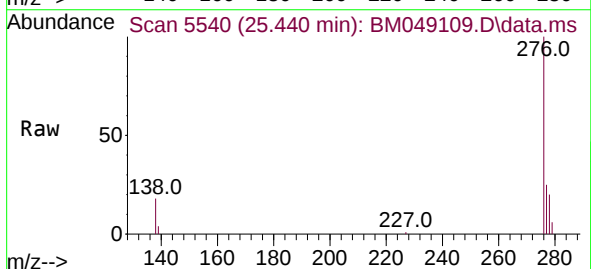
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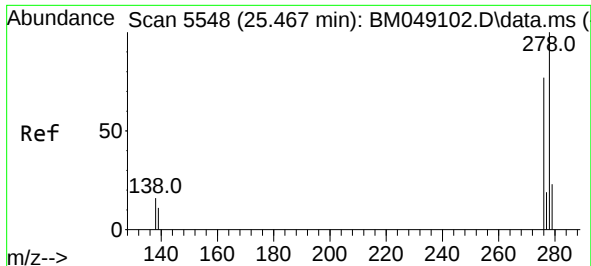
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.692 ng/ul
RT: 25.440 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25

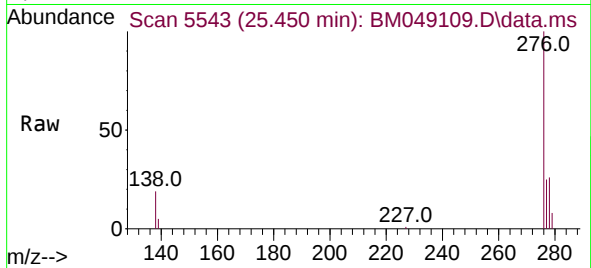
Tgt Ion:276 Resp: 87142
Ion Ratio Lower Upper
276 100
138 18.1 17.4 26.2
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.224 ng/ul
RT: 25.450 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25

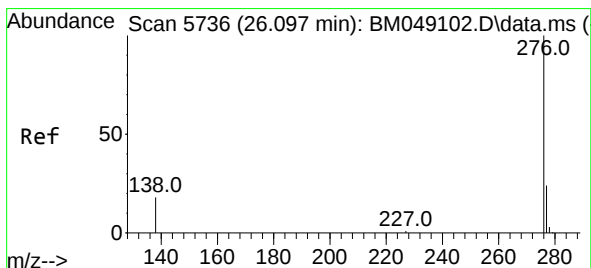
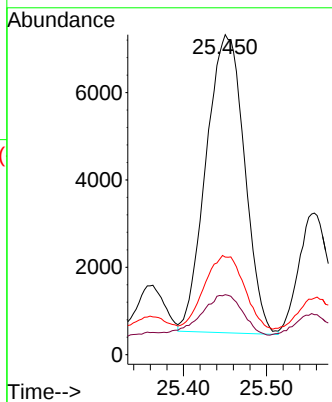
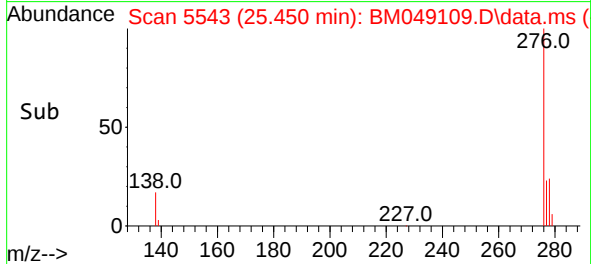
Instrument :
BNA_M
ClientSampleId :
E28Y8DL



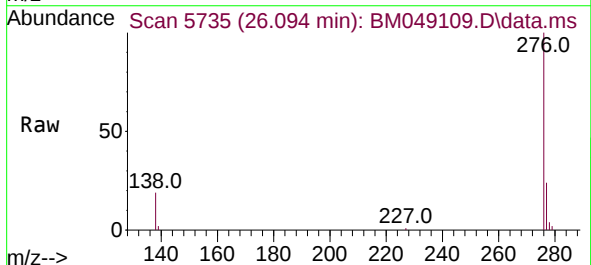
Tgt Ion:278 Resp: 21889
Ion Ratio Lower Upper
278 100
139 18.8 13.5 20.3
279 30.5 21.5 32.3

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Supervised By :mohammad ahmed 12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.845 ng/ul
RT: 26.094 min Scan# 5735
Delta R.T. -0.000 min
Lab File: BM049109.D
Acq: 20 Dec 2024 20:25



Tgt Ion:276 Resp: 85564
Ion Ratio Lower Upper
276 100
138 19.3 16.7 25.1
277 24.2 19.9 29.9

