

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049210.D
 Acq On : 25 Dec 2024 07:21
 Operator : RC/JU
 Sample : P5333-18
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2920

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 07:46:42 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	7.548	152	7194	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.304	136	22854	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.183	164	13372	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.934	188	30852m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	23429m	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	27627m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	39355	4.743	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.904	152	10542	0.343	ng/ul	-0.02
18) Fluoranthene-d10	18.970	212	19945m	0.300	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.354	128	46599	0.815	ng/ul	99
7) 2-Methylnaphthalene	11.981	142	54321	1.499	ng/ul	98
8) 1-Methylnaphthalene	12.201	142	16980	0.457	ng/ul	100
10) Acenaphthylene	13.901	152	7171	0.129	ng/ul#	85
11) Acenaphthene	14.243	153	10105	0.250	ng/ul	99
12) Fluorene	15.238	166	8039	0.176	ng/ul#	94
15) Phenanthrene	16.972	178	274434m	3.406	ng/ul	
16) Anthracene	17.065	178	48686m	0.658	ng/ul	
19) Fluoranthene	18.997	202	757313m	8.940	ng/ul	
20) Pyrene	19.365	202	741276m	8.205	ng/ul	
21) Benzo(a)anthracene	21.119	228	593697m	7.285	ng/ul	
22) Chrysene	21.172	228	697472m	7.975	ng/ul	
24) Benzo(b)fluoranthene	22.654	252	1150766m	13.038	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	400335m	4.134	ng/ul	
26) Benzo(a)pyrene	23.200	252	881756m	10.417	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.423	276	644578m	5.381	ng/ul	
28) Dibenzo(a,h)anthracene	25.433	278	163013m	1.751	ng/ul	
29) Benzo(g,h,i)perylene	26.074	276	683385m	7.094	ng/ul	

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

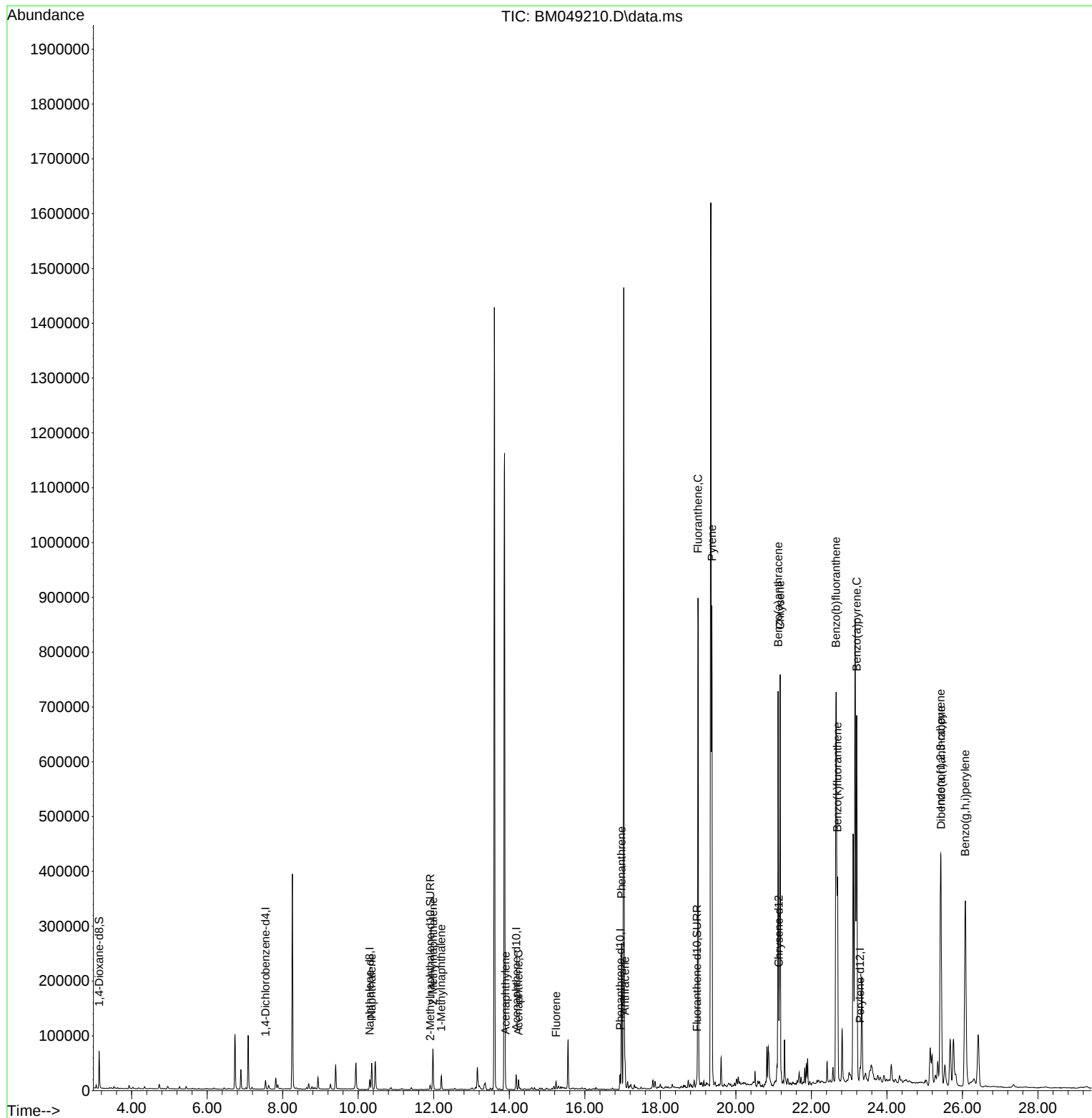
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049210.D
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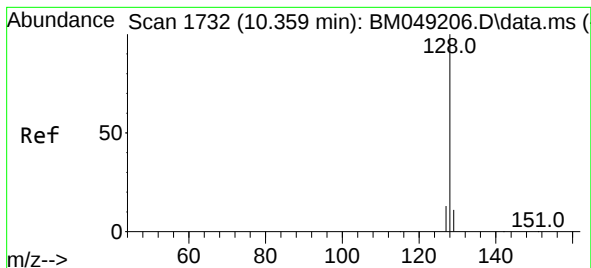
Instrument :
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Quant Time: Dec 25 07:46:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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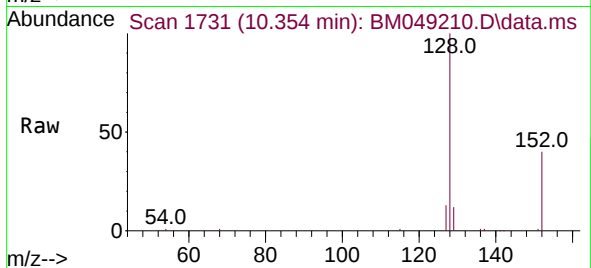
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024





#5
Naphthalene
Concen: 0.815 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. -0.026 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21

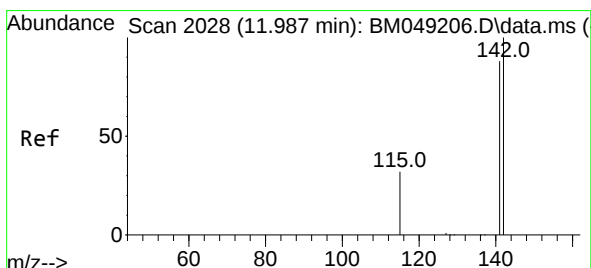
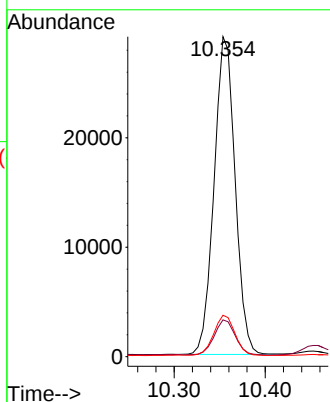
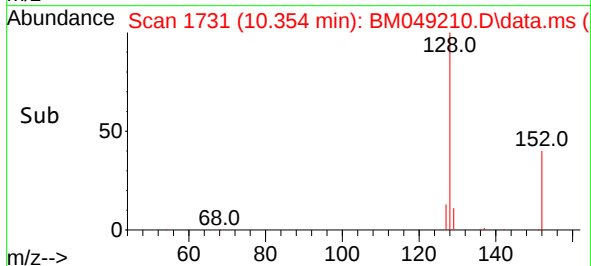
Instrument :
BNA_M
ClientSampleId :
E2920



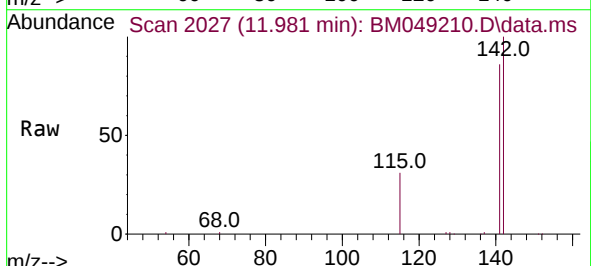
Tgt Ion:128 Resp: 46599
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 12.9 10.6 16.0

Manual Integrations
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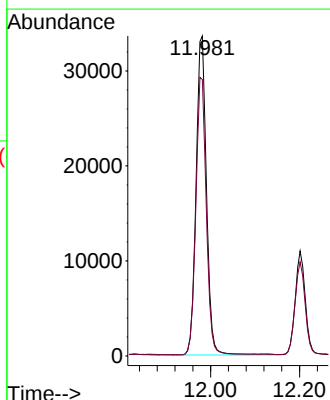
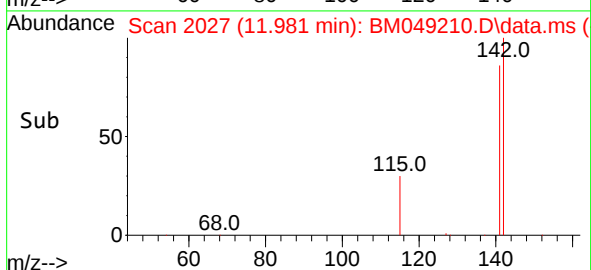
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

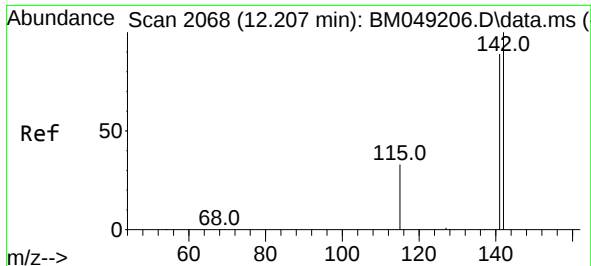


#7
2-Methylnaphthalene
Concen: 1.499 ng/ul
RT: 11.981 min Scan# 2027
Delta R.T. -0.021 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21



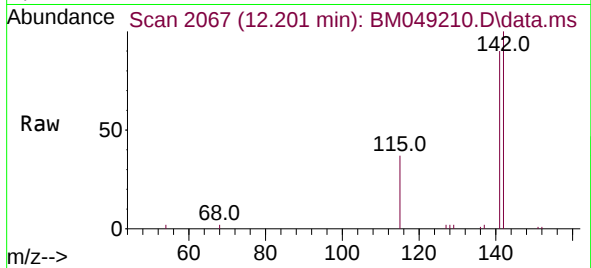
Tgt Ion:142 Resp: 54321
Ion Ratio Lower Upper
142 100
141 87.3 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.457 ng/ul
RT: 12.201 min Scan# 2067
Delta R.T. -0.021 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21

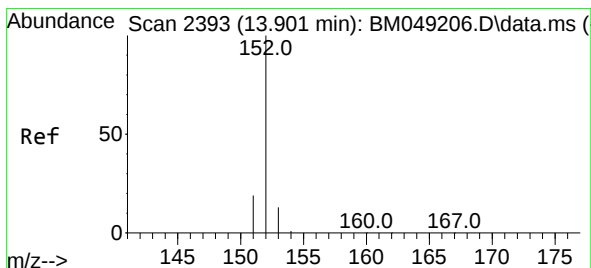
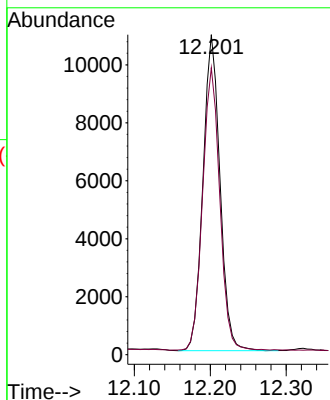
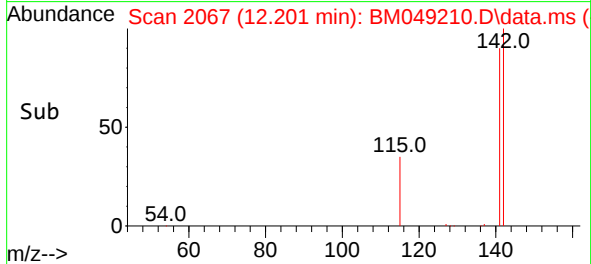
Instrument :
BNA_M
ClientSampleId :
E2920



Tgt Ion:142 Resp: 16980
Ion Ratio Lower Upper
142 100
141 90.5 72.7 109.1

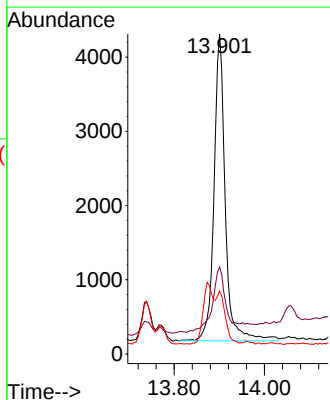
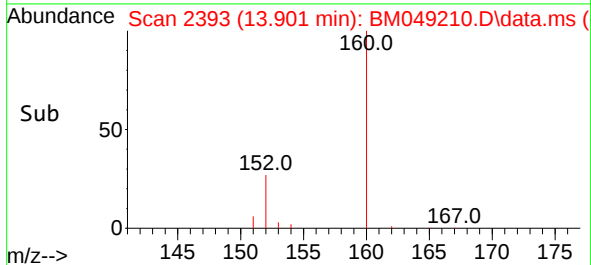
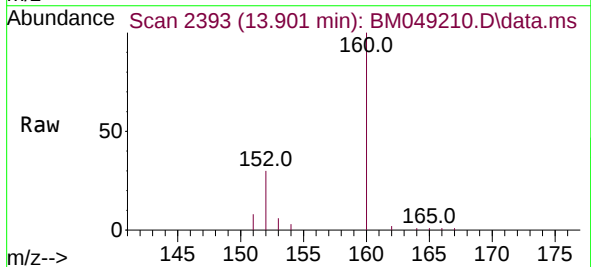
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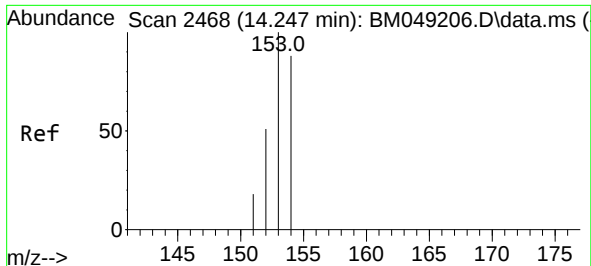
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#10
Acenaphthylene
Concen: 0.129 ng/ul
RT: 13.901 min Scan# 2393
Delta R.T. -0.017 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21

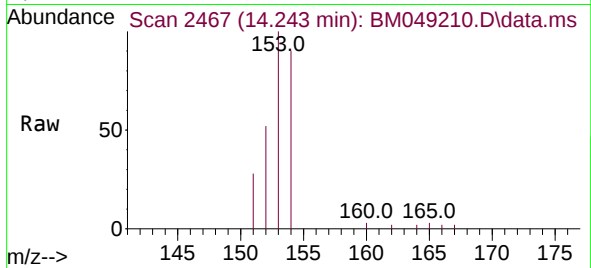
Tgt Ion:152 Resp: 7171
Ion Ratio Lower Upper
152 100
151 27.1 16.0 24.0#
153 19.6 11.0 16.6#





#11
Acenaphthene
Concen: 0.250 ng/u1
RT: 14.243 min Scan# 2467
Delta R.T. -0.022 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21

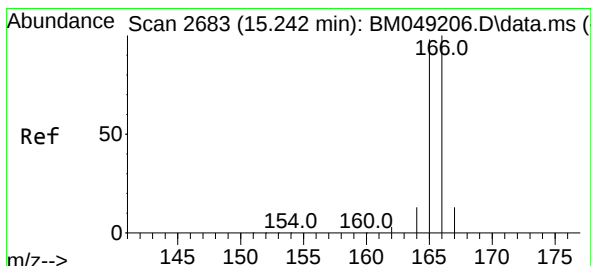
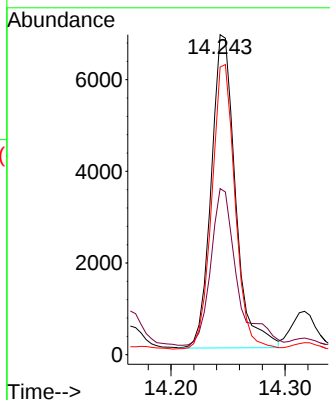
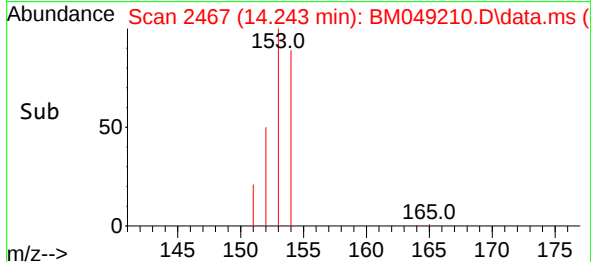
Instrument :
BNA_M
ClientSampleId :
E2920



Tgt Ion:153 Resp: 1010
Ion Ratio Lower Upper
153 100
152 51.9 40.7 61.1
154 89.9 70.8 106.2

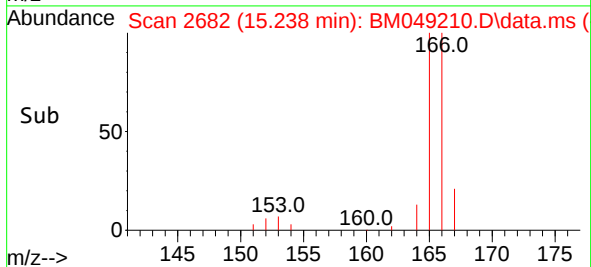
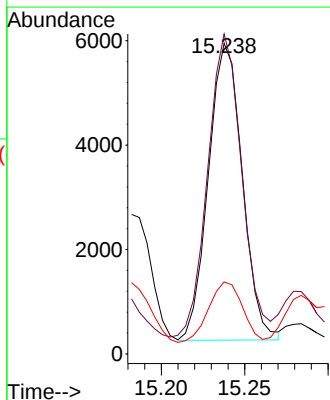
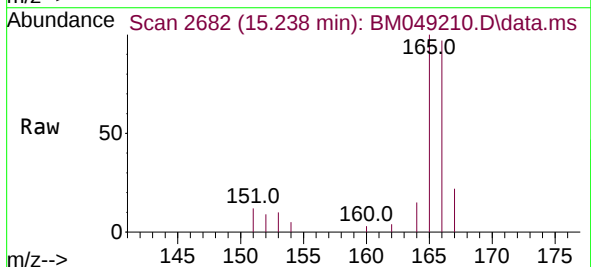
Manual Integrations
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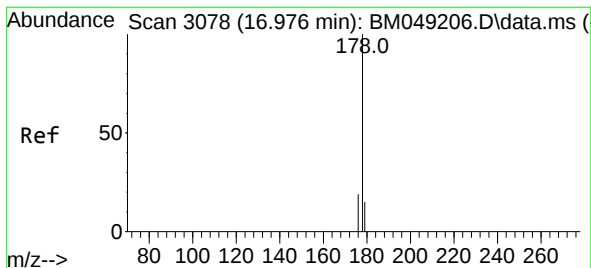
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#12
Fluorene
Concen: 0.176 ng/u1
RT: 15.238 min Scan# 2682
Delta R.T. -0.017 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21

Tgt Ion:166 Resp: 8039
Ion Ratio Lower Upper
166 100
165 103.0 79.7 119.5
167 23.1 11.4 17.0#





#15

Phenanthrene

Concen: 3.406 ng/ul m

RT: 16.972 min Scan# 3078

Delta R.T. -0.020 min

Lab File: BM049210.D

Acq: 25 Dec 2024 07:21

Instrument :

BNA_M

ClientSampleId :

E2920

Tgt Ion:178 Resp: 274434

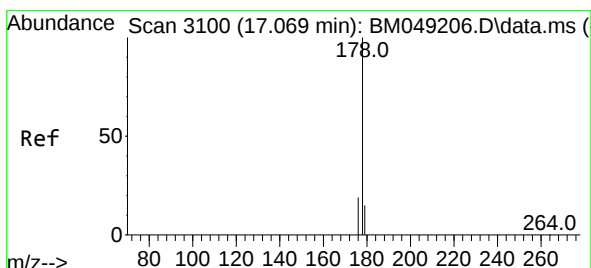
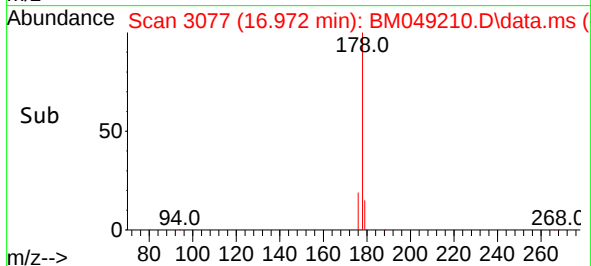
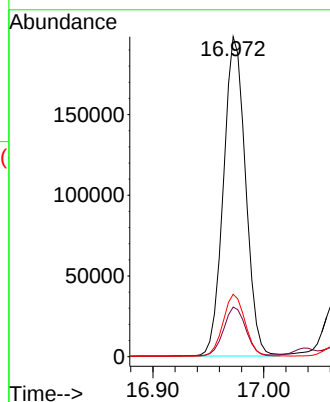
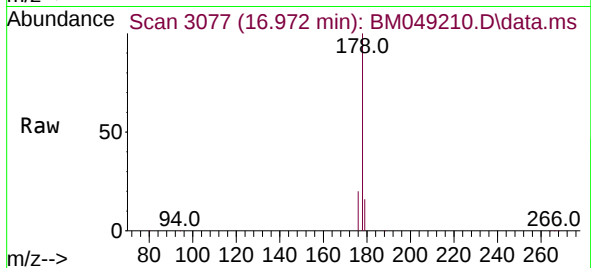
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.4
176	19.5	16.2	24.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#16

Anthracene

Concen: 0.658 ng/ul m

RT: 17.065 min Scan# 3099

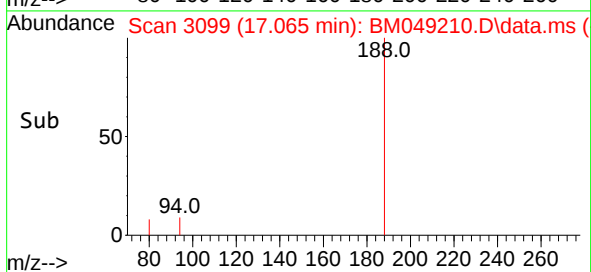
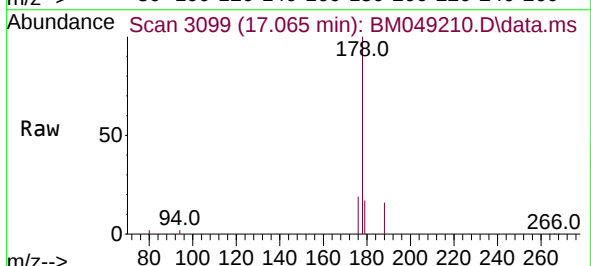
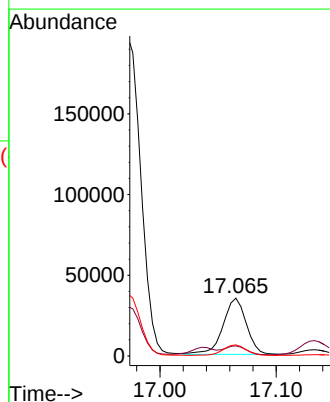
Delta R.T. -0.020 min

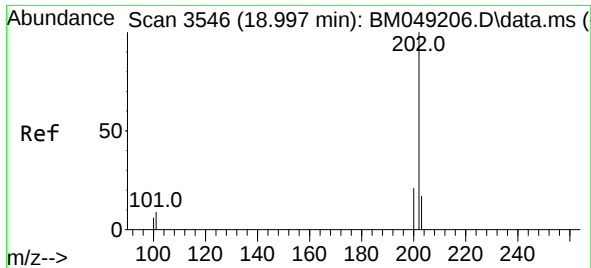
Lab File: BM049210.D

Acq: 25 Dec 2024 07:21

Tgt Ion:178 Resp: 48686

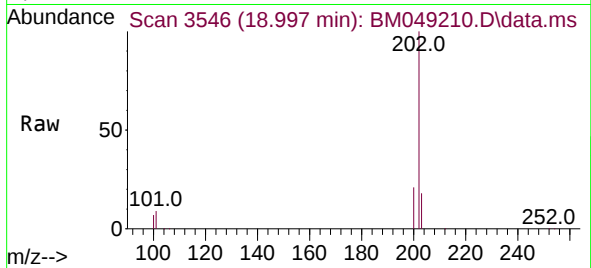
Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.9	19.3
176	19.1	15.3	22.9





#19
Fluoranthene
Concen: 8.940 ng/ul m
RT: 18.997 min Scan# 3546
Delta R.T. -0.017 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21

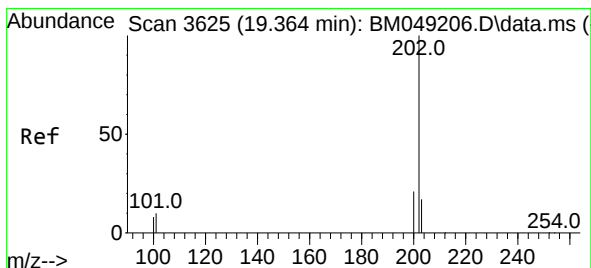
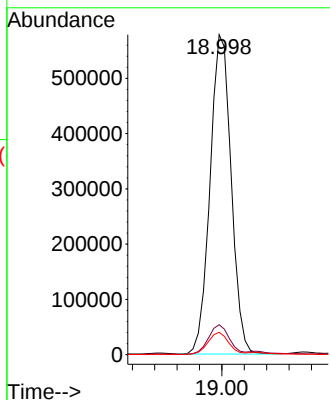
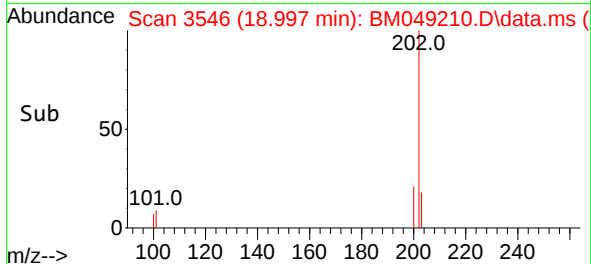
Instrument :
BNA_M
ClientSampleId :
E2920



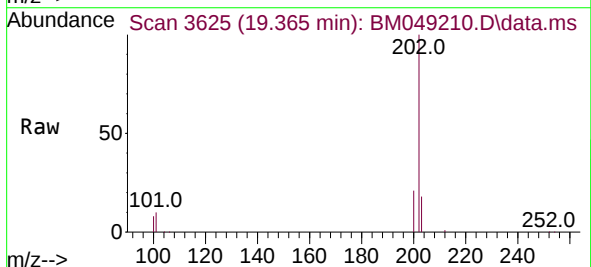
Tgt Ion:202 Resp: 75731
Ion Ratio Lower Upper
202 100
101 9.4 7.6 11.4
100 7.0 5.5 8.3

Manual Integrations
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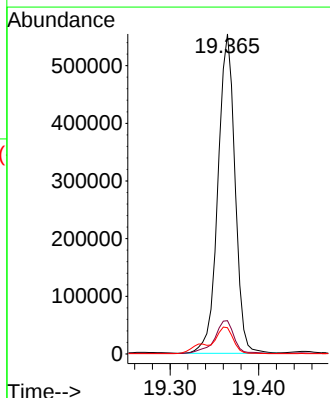
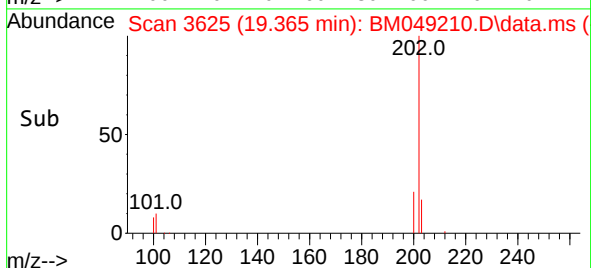
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

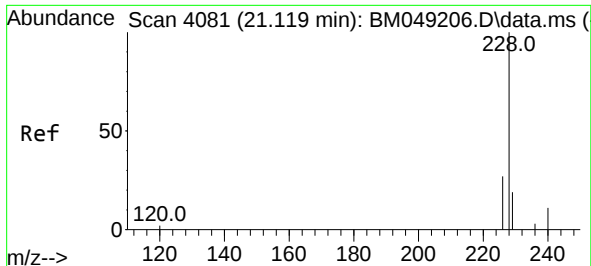


#20
Pyrene
Concen: 8.205 ng/ul m
RT: 19.365 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21



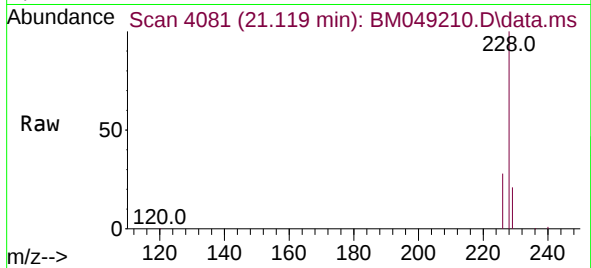
Tgt Ion:202 Resp: 741276
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.2 6.9 10.3





#21
Benzo(a)anthracene
Concen: 7.285 ng/ul m
RT: 21.119 min Scan# 4081
Delta R.T. -0.012 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21

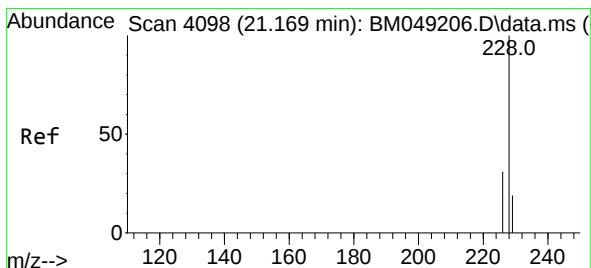
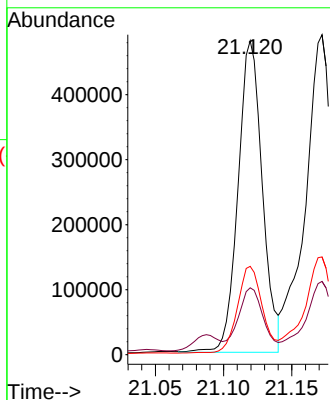
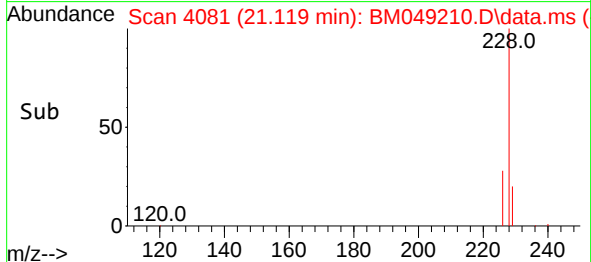
Instrument :
BNA_M
ClientSampleId :
E2920



Tgt Ion:228 Resp: 59369
Ion Ratio Lower Upper
228 100
229 21.3 15.9 23.9
226 28.2 22.6 34.0

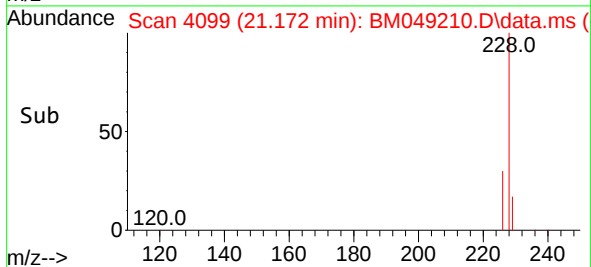
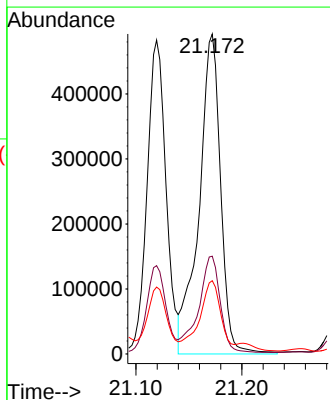
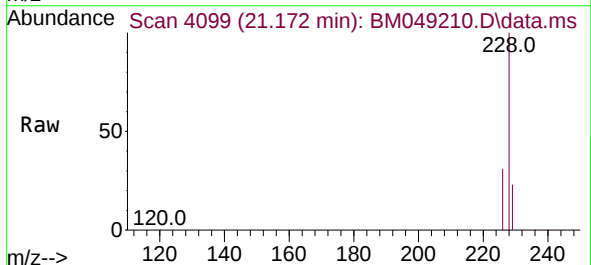
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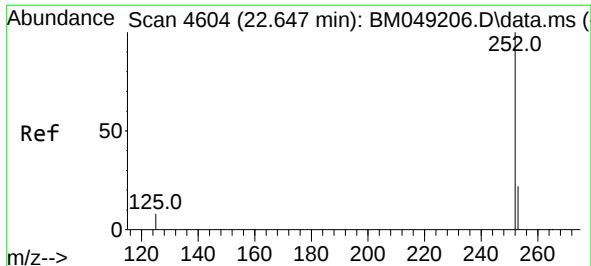
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#22
Chrysene
Concen: 7.975 ng/ul m
RT: 21.172 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21

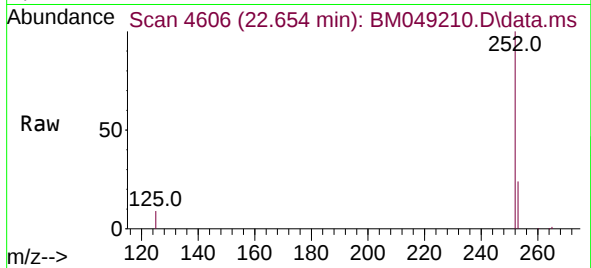
Tgt Ion:228 Resp: 697472
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 22.9 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 13.038 ng/ul m
RT: 22.654 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21

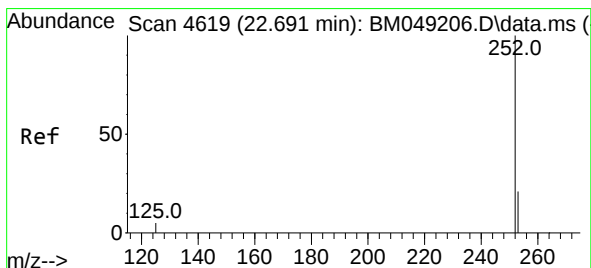
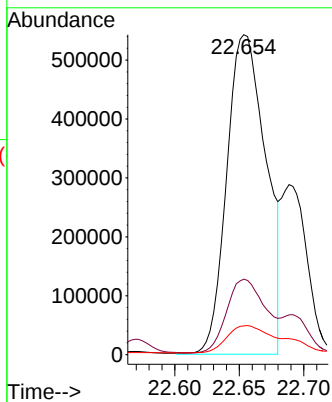
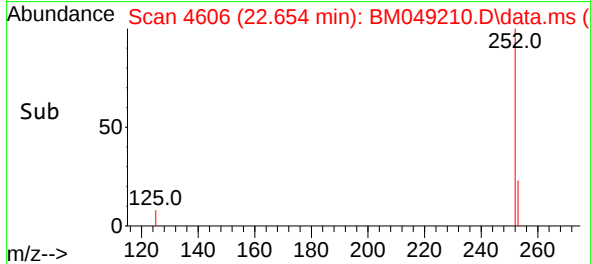
Instrument :
BNA_M
ClientSampleId :
E2920



Tgt Ion:252 Resp: 115076
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.6
125 9.0 0.0 30.8

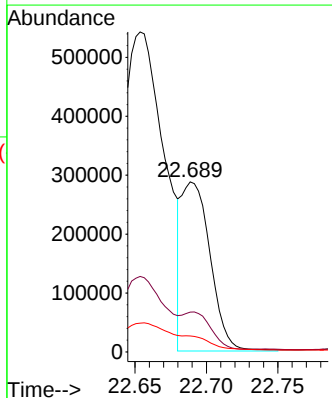
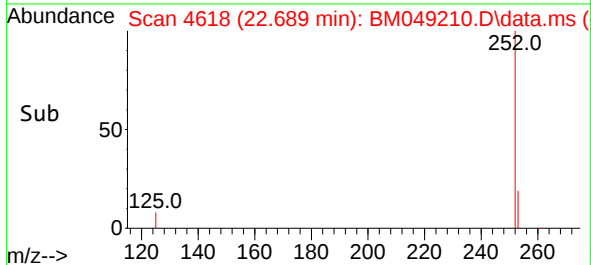
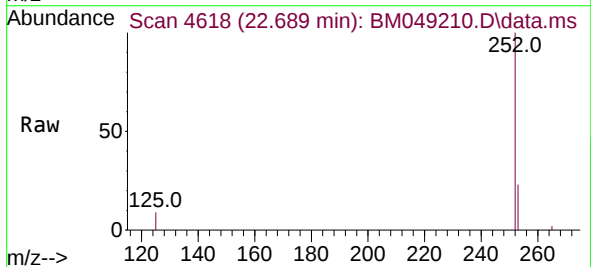
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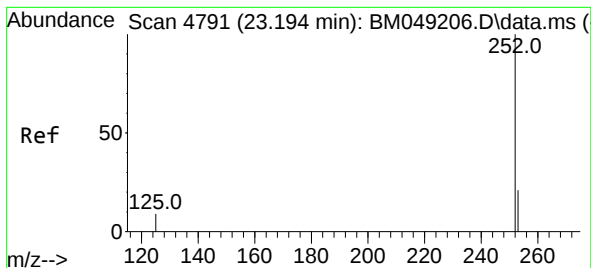
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#25
Benzo(k)fluoranthene
Concen: 4.134 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.018 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21

Tgt Ion:252 Resp: 400335
Ion Ratio Lower Upper
252 100
253 23.5 21.3 31.9
125 9.4 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 10.417 ng/ul m

RT: 23.200 min Scan# 4791

Delta R.T. -0.009 min

Lab File: BM049210.D

Acq: 25 Dec 2024 07:21

Instrument :

BNM

ClientSampleId :

E2920

Tgt Ion:252 Resp: 881750

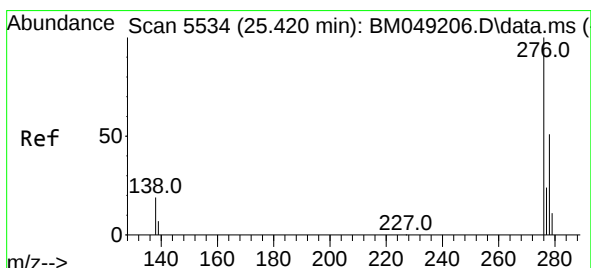
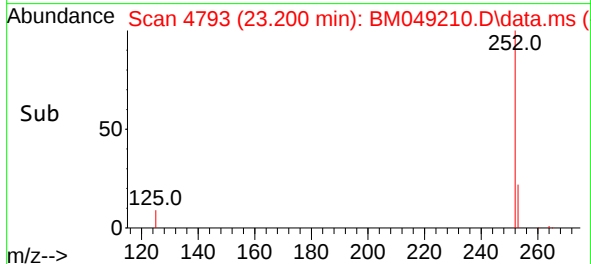
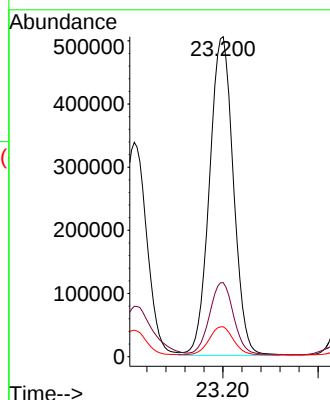
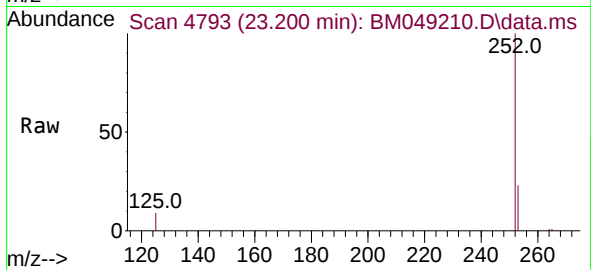
Ion	Ratio	Lower	Upper
252	100		
253	23.1	22.4	33.6
125	9.3	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 5.381 ng/ul m

RT: 25.423 min Scan# 5535

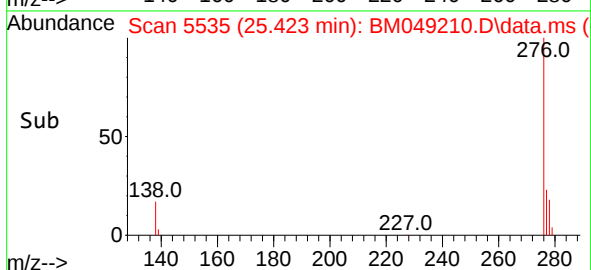
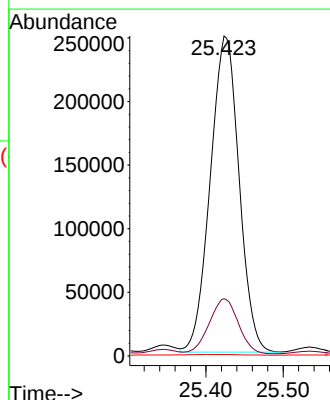
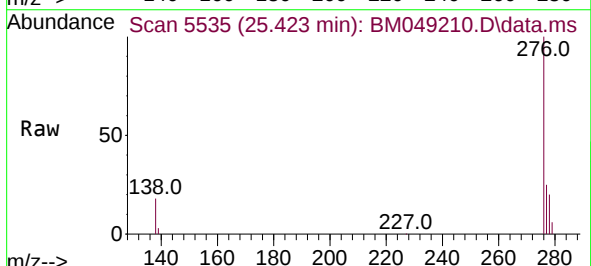
Delta R.T. -0.024 min

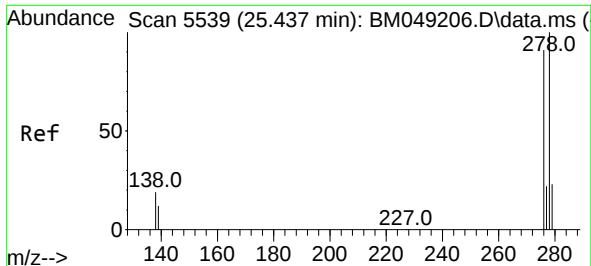
Lab File: BM049210.D

Acq: 25 Dec 2024 07:21

Tgt Ion:276 Resp: 644578

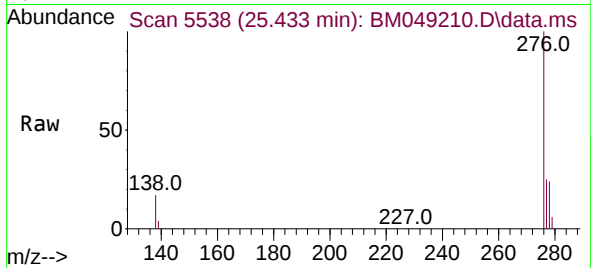
Ion	Ratio	Lower	Upper
276	100		
138	1.1	17.4	26.2#
227	0.0	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 1.751 ng/ul m
RT: 25.433 min Scan# 51
Delta R.T. -0.034 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21

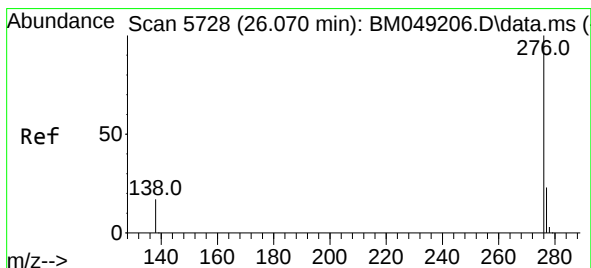
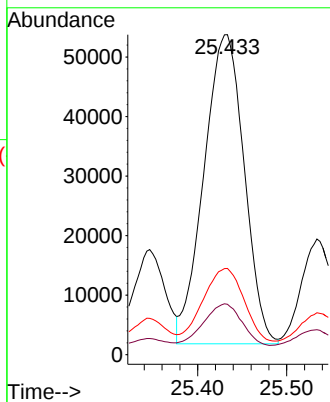
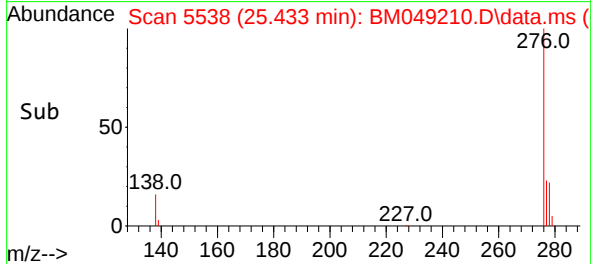
Instrument :
BNA_M
ClientSampleId :
E2920



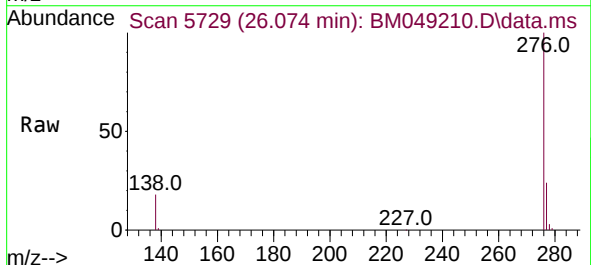
Tgt Ion:278 Resp: 16301
Ion Ratio Lower Upper
278 100
139 15.7 13.5 20.3
279 26.9 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Benzo(g,h,i)perylene
Concen: 7.094 ng/ul m
RT: 26.074 min Scan# 5729
Delta R.T. -0.020 min
Lab File: BM049210.D
Acq: 25 Dec 2024 07:21



Tgt Ion:276 Resp: 683385
Ion Ratio Lower Upper
276 100
138 18.1 16.7 25.1
277 24.0 19.9 29.9

