

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049208.D
 Acq On : 25 Dec 2024 06:10
 Operator : RC/JU
 Sample : P5333-06
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2909

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 06:57:32 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	7840	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.304	136	25080	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.183	164	14357	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.934	188	33392m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.134	240	28586m	0.400	ng/ul	-0.01
23) Perylene-d12	23.288	264	26898m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	38263	4.232	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	9165	0.272	ng/ul	-0.02
18) Fluoranthene-d10	18.969	212	19885m	0.245	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.359	128	17779	0.283	ng/ul	98
7) 2-Methylnaphthalene	11.981	142	7982	0.201	ng/ul	96
8) 1-Methylnaphthalene	12.201	142	6069	0.149	ng/ul	99
10) Acenaphthylene	13.901	152	9861	0.166	ng/ul#	87
11) Acenaphthene	14.248	153	3944	0.091	ng/ul	98
12) Fluorene	15.238	166	6158	0.126	ng/ul#	96
15) Phenanthrene	16.972	178	123966m	1.421	ng/ul	
16) Anthracene	17.065	178	26995m	0.337	ng/ul	
19) Fluoranthene	18.997	202	315118m	3.049	ng/ul	
20) Pyrene	19.364	202	264778m	2.402	ng/ul	
21) Benzo(a)anthracene	21.119	228	147343m	1.482	ng/ul	
22) Chrysene	21.172	228	157221m	1.473	ng/ul	
24) Benzo(b)fluoranthene	22.650	252	202811m	2.360	ng/ul	
25) Benzo(k)fluoranthene	22.688	252	65854m	0.698	ng/ul	
26) Benzo(a)pyrene	23.194	252	128065m	1.554	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.420	276	101287m	0.868	ng/ul	
28) Dibenzo(a,h)anthracene	25.430	278	24304m	0.268	ng/ul	
29) Benzo(g,h,i)perylene	26.070	276	110520m	1.178	ng/ul	

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

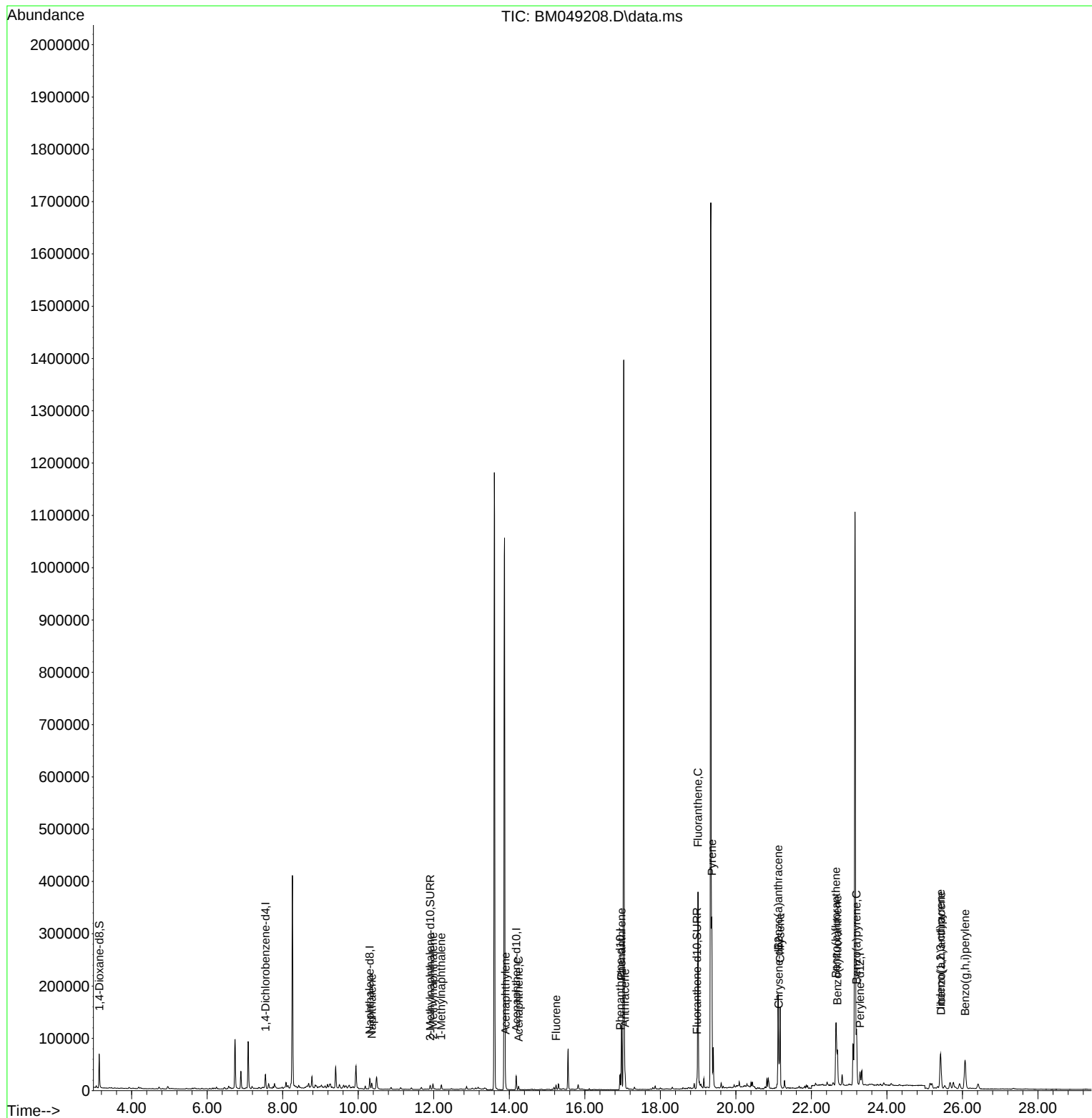
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Data File : BM049208.D
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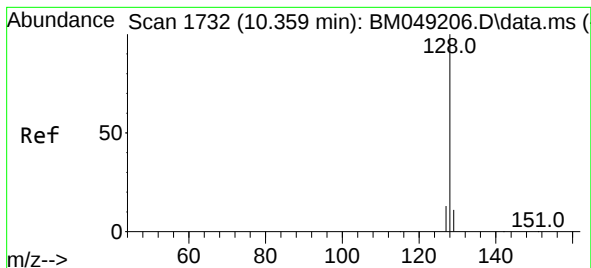
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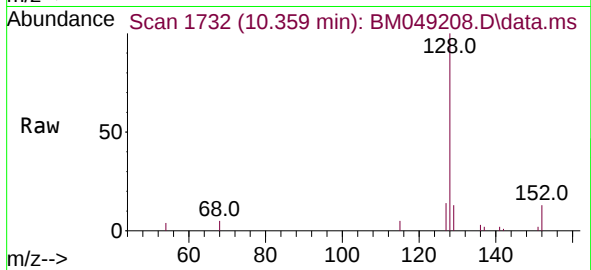
Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.283 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.021 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

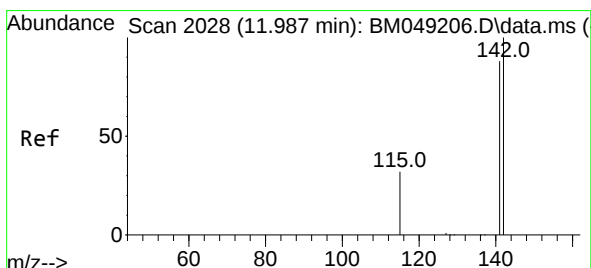
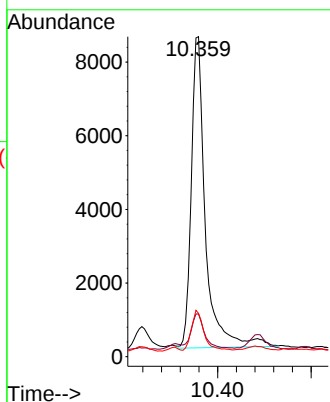
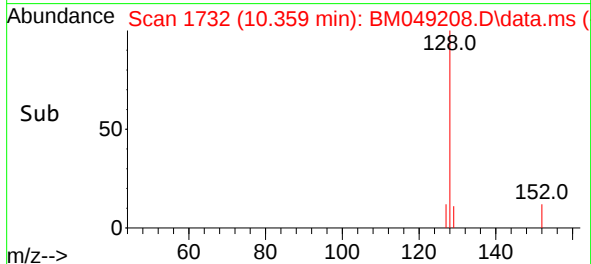
Instrument :
BNA_M
ClientSampleId :
E2909



Tgt Ion:128 Resp: 17779
Ion Ratio Lower Upper
128 100
129 13.3 9.7 14.5
127 13.5 10.6 16.0

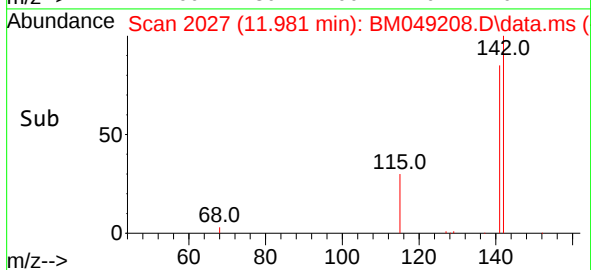
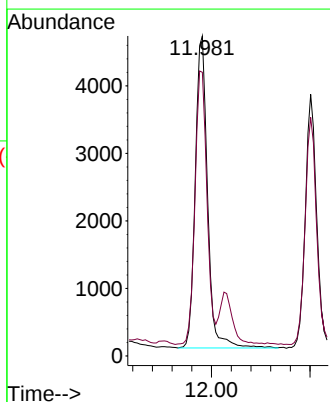
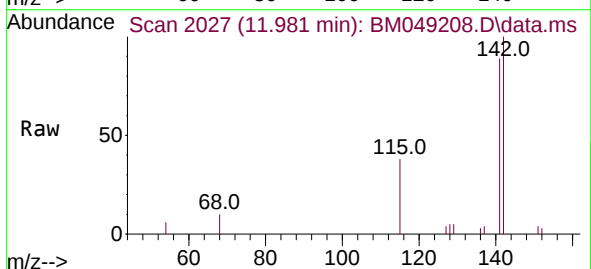
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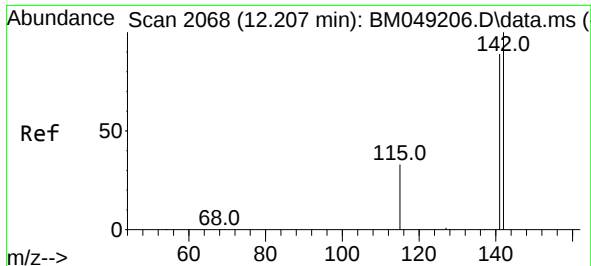
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#7
2-Methylnaphthalene
Concen: 0.201 ng/ul
RT: 11.981 min Scan# 2027
Delta R.T. -0.021 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

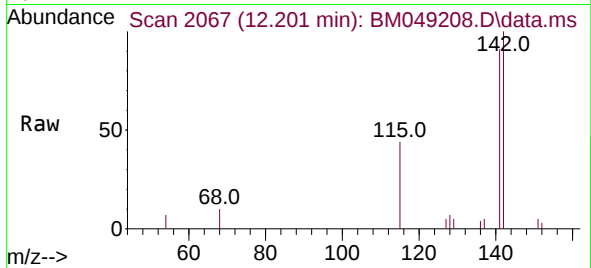
Tgt Ion:142 Resp: 7982
Ion Ratio Lower Upper
142 100
141 85.4 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.149 ng/ul
RT: 12.201 min Scan# 2067
Delta R.T. -0.021 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

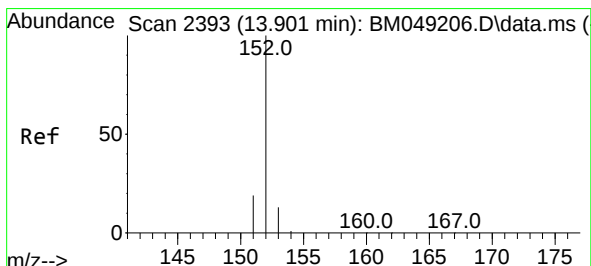
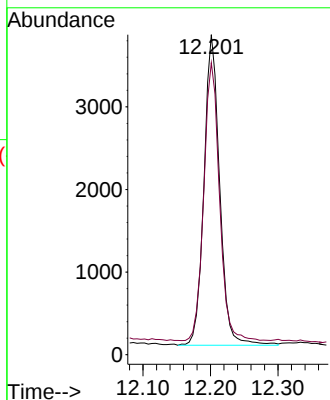
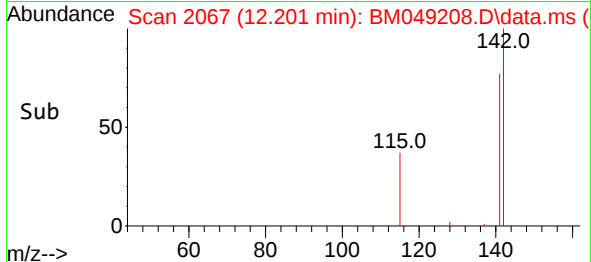
Instrument :
BNA_M
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Tgt Ion:142 Resp: 6069
Ion Ratio Lower Upper
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141 89.6 72.7 109.1

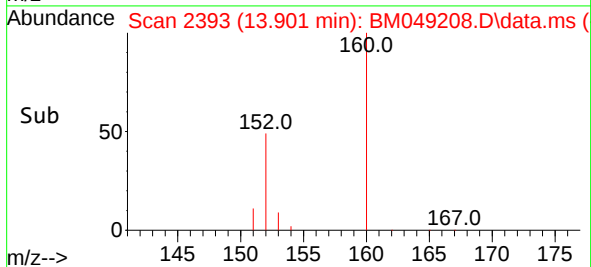
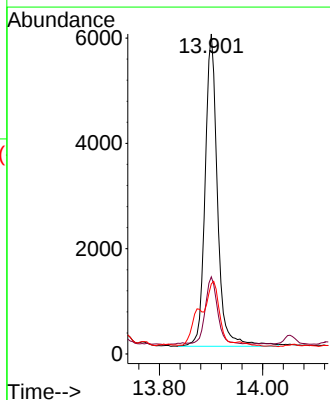
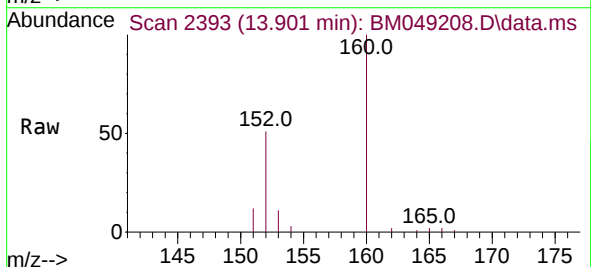
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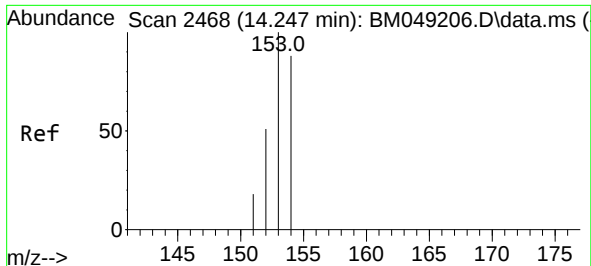
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#10
Acenaphthylene
Concen: 0.166 ng/ul
RT: 13.901 min Scan# 2393
Delta R.T. -0.017 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

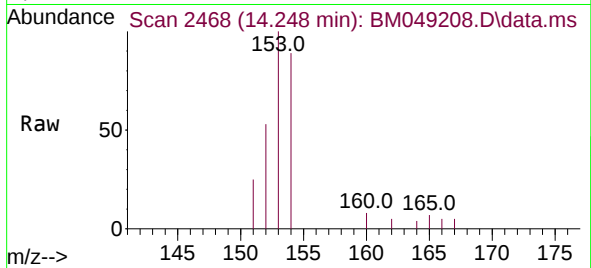
Tgt Ion:152 Resp: 9861
Ion Ratio Lower Upper
152 100
151 24.1 16.0 24.0#
153 21.9 11.0 16.6#





#11
Acenaphthene
Concen: 0.091 ng/ul
RT: 14.248 min Scan# 2468
Delta R.T. -0.017 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

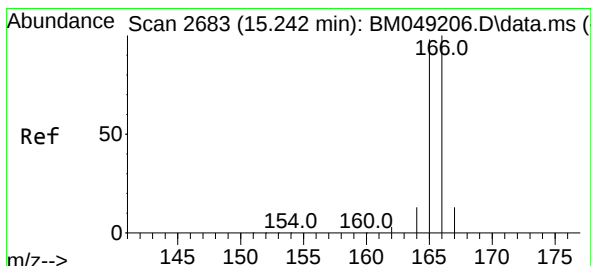
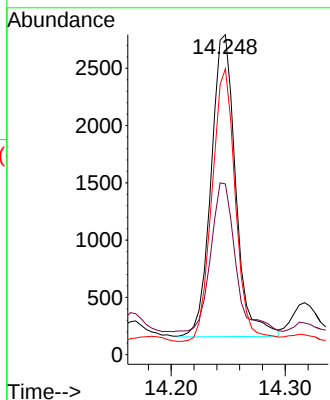
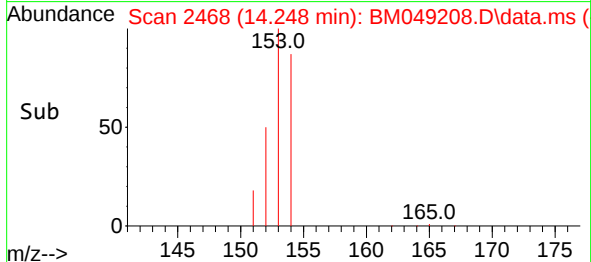
Instrument :
BNA_M
ClientSampleId :
E2909



Tgt Ion:153 Resp: 3944
Ion Ratio Lower Upper
153 100
152 53.4 40.7 61.1
154 89.3 70.8 106.2

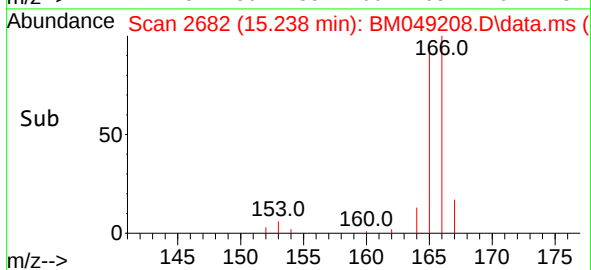
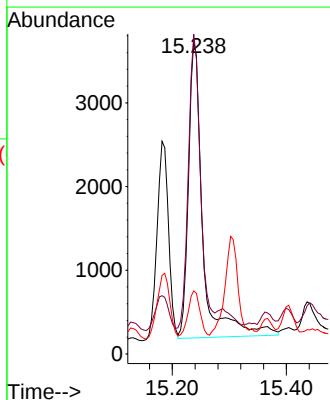
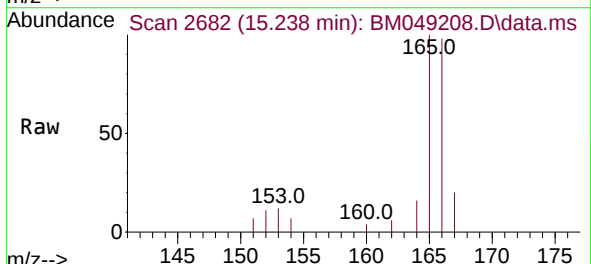
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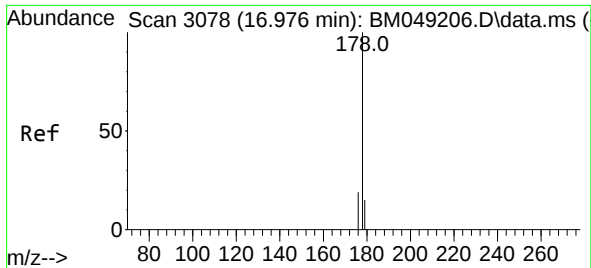
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#12
Fluorene
Concen: 0.126 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.017 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

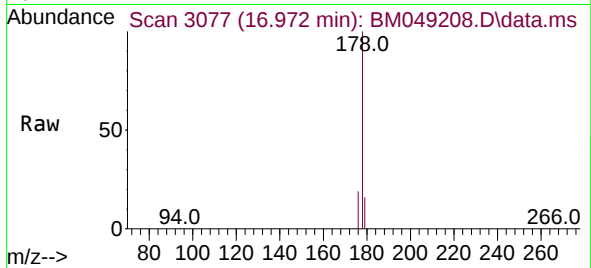
Tgt Ion:166 Resp: 6158
Ion Ratio Lower Upper
166 100
165 102.2 79.7 119.5
167 20.1 11.4 17.0#





#15
Phenanthrene
Concen: 1.421 ng/ul m
RT: 16.972 min Scan# 3078
Delta R.T. -0.020 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

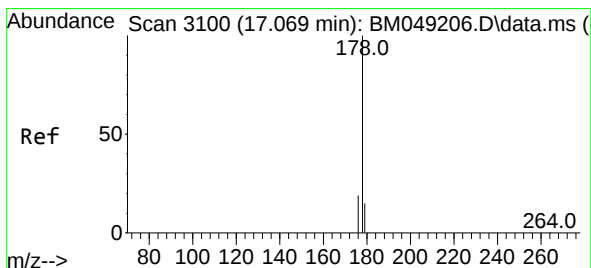
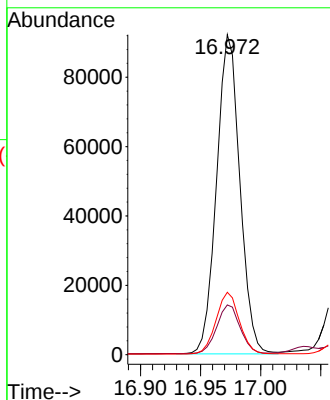
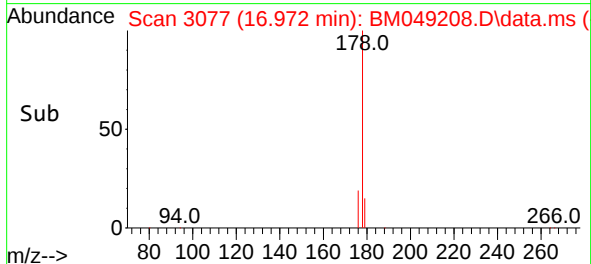
Instrument :
BNA_M
ClientSampleId :
E2909



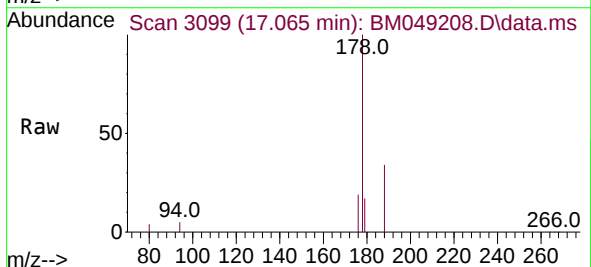
Tgt Ion:178 Resp: 123960
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.5 16.2 24.2

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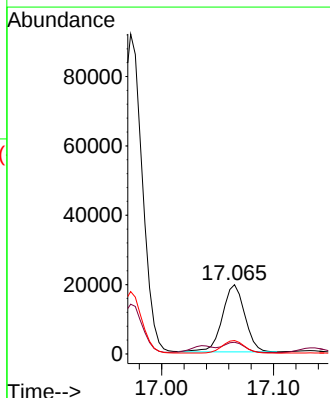
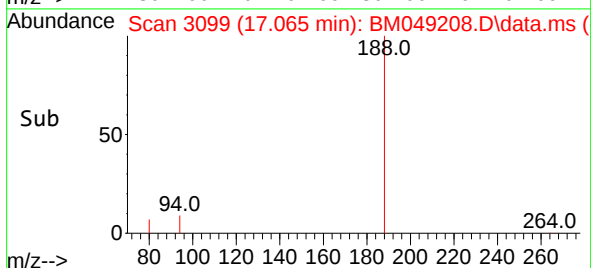
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

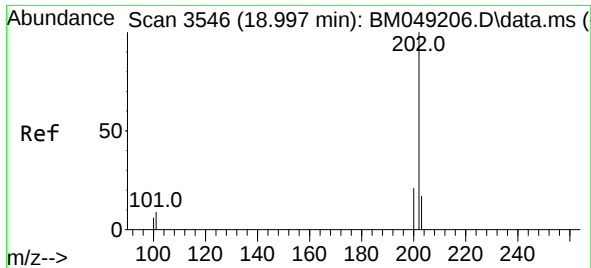


#16
Anthracene
Concen: 0.337 ng/ul m
RT: 17.065 min Scan# 3099
Delta R.T. -0.020 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10



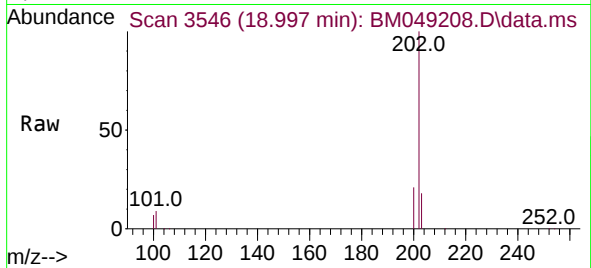
Tgt Ion:178 Resp: 26995
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 19.4 15.3 22.9





#19
Fluoranthene
Concen: 3.049 ng/ul m
RT: 18.997 min Scan# 3546
Delta R.T. -0.017 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

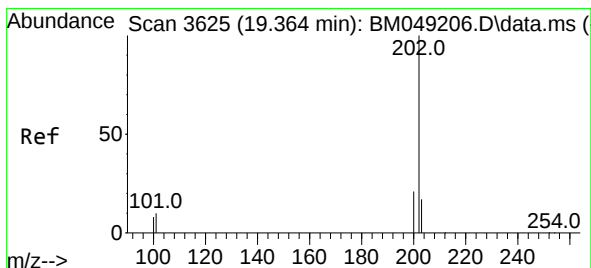
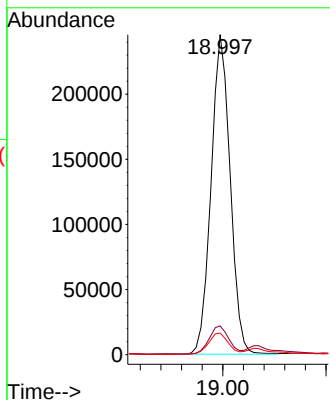
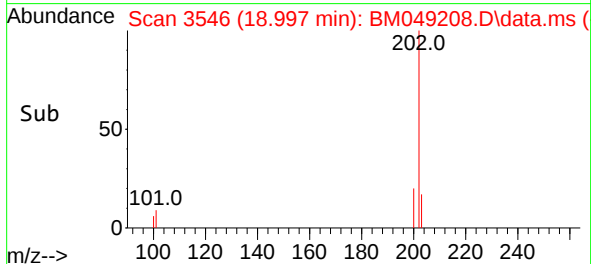
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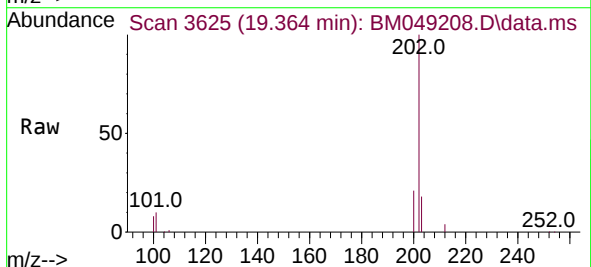
Tgt Ion:202 Resp: 315118
Ion Ratio Lower Upper
202 100
101 9.0 7.6 11.4
100 6.8 5.5 8.3

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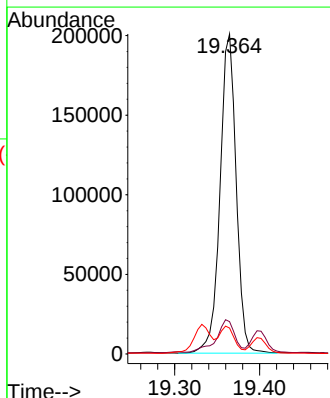
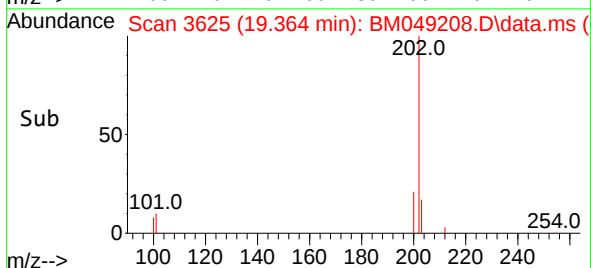
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

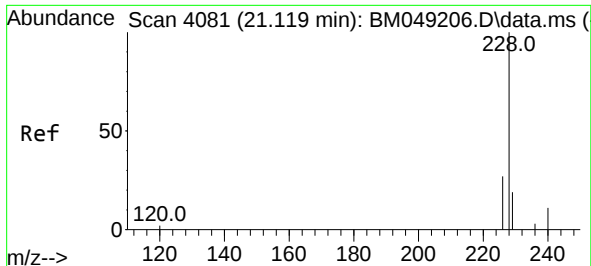


#20
Pyrene
Concen: 2.402 ng/ul m
RT: 19.364 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10



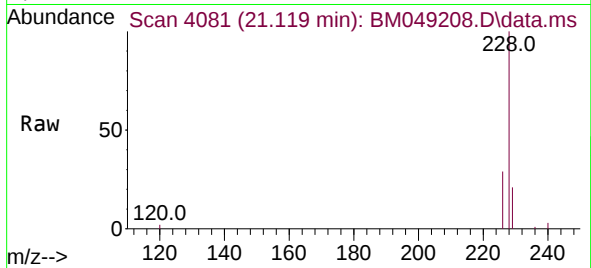
Tgt Ion:202 Resp: 264778
Ion Ratio Lower Upper
202 100
101 10.1 8.9 13.3
100 8.1 6.9 10.3





#21
Benzo(a)anthracene
Concen: 1.482 ng/ul m
RT: 21.119 min Scan# 4081
Delta R.T. -0.012 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

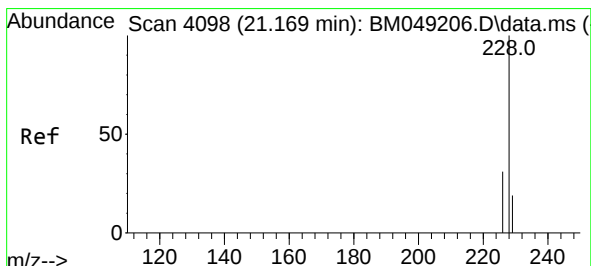
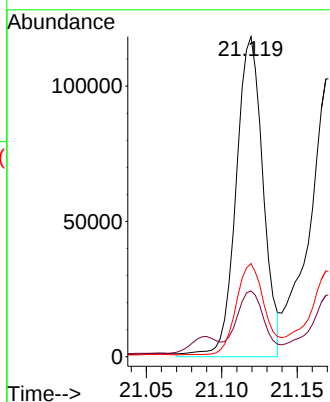
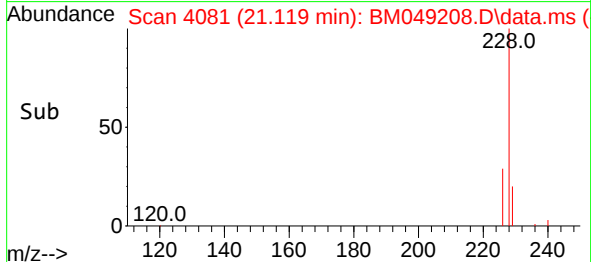
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Tgt Ion:228 Resp: 14734
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 29.1 22.6 34.0

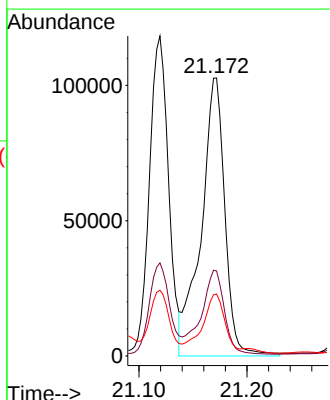
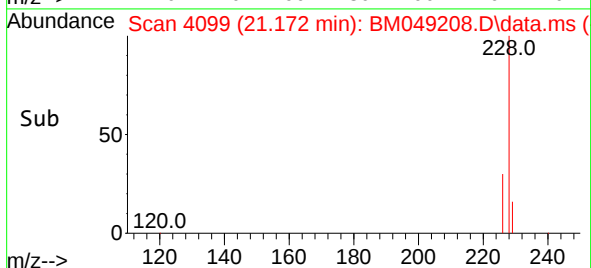
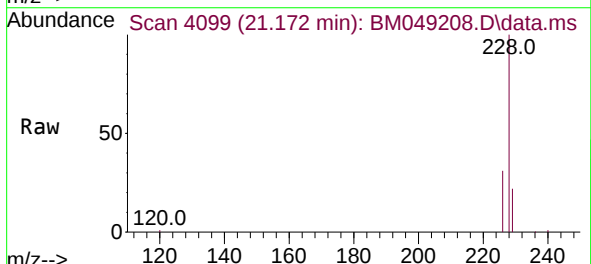
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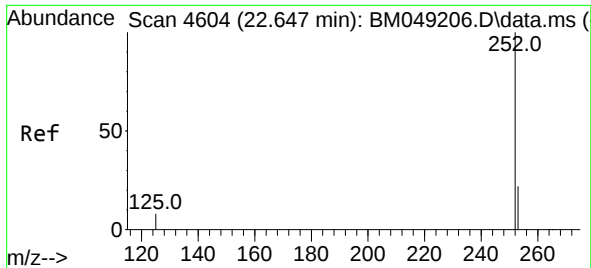
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#22
Chrysene
Concen: 1.473 ng/ul m
RT: 21.172 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

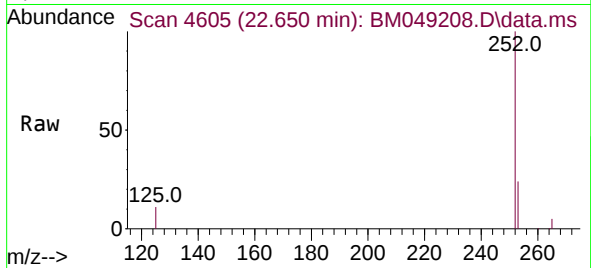
Tgt Ion:228 Resp: 157221
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 22.3 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 2.360 ng/ul m
RT: 22.650 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

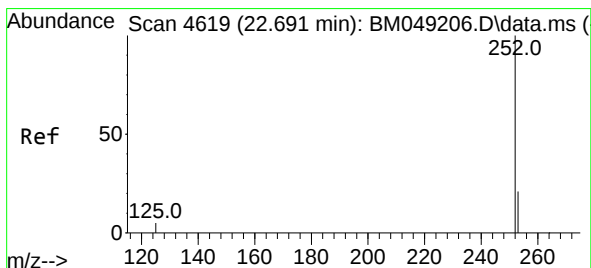
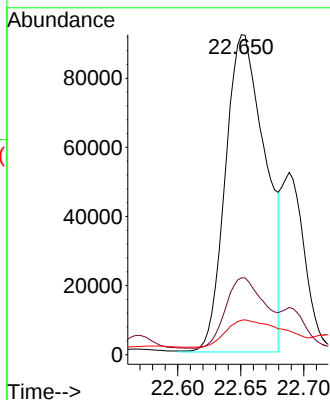
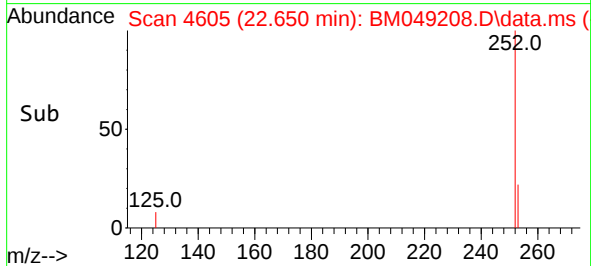
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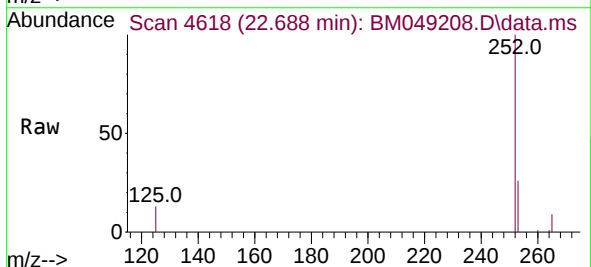
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Ion Ratio Lower Upper
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253 24.0 0.0 52.6
125 10.7 0.0 30.8

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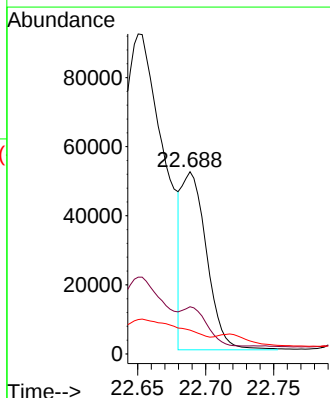
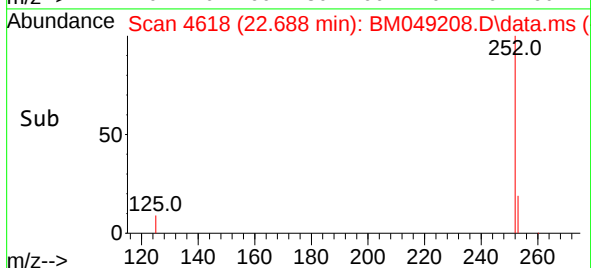
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

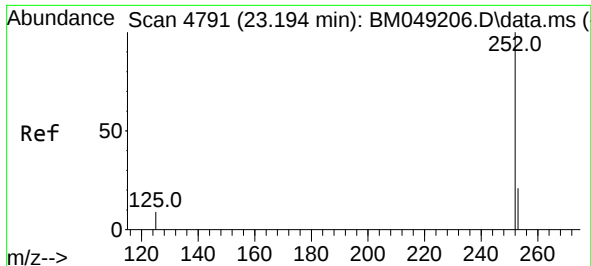


#25
Benzo(k)fluoranthene
Concen: 0.698 ng/ul m
RT: 22.688 min Scan# 4618
Delta R.T. -0.018 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10



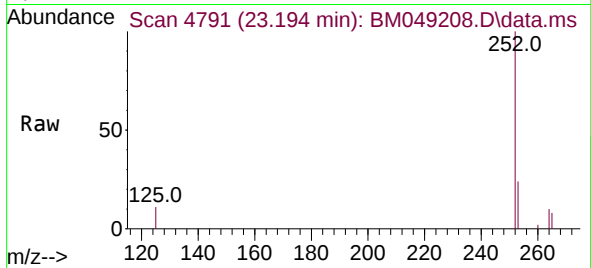
Tgt Ion:252 Resp: 65854
Ion Ratio Lower Upper
252 100
253 25.9 21.3 31.9
125 13.1 12.6 18.8





#26
Benzo(a)pyrene
Concen: 1.554 ng/ul m
RT: 23.194 min Scan# 4791
Delta R.T. -0.015 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

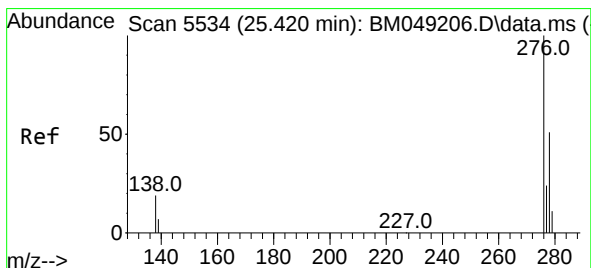
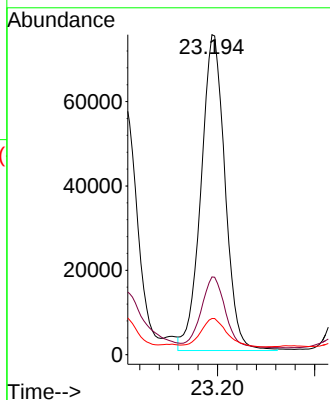
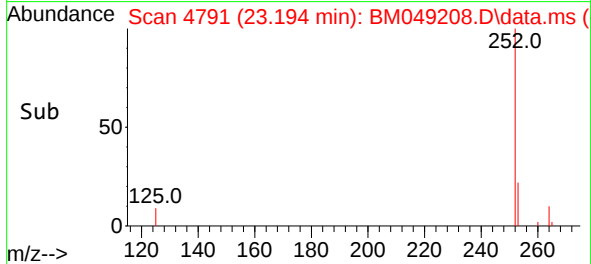
Instrument :
BNA_M
ClientSampleId :
E2909



Tgt Ion:252 Resp: 128065
Ion Ratio Lower Upper
252 100
253 24.3 22.4 33.6
125 11.3 14.8 22.2

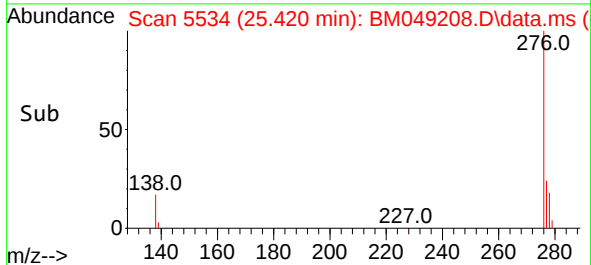
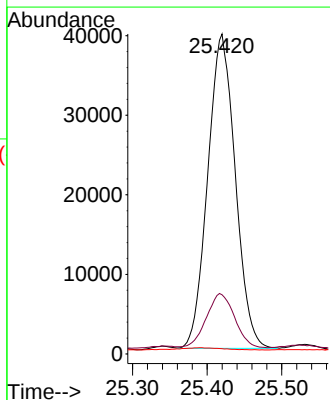
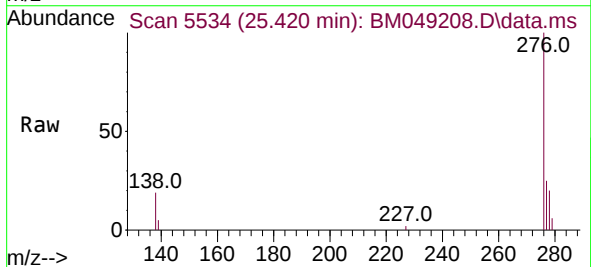
Manual Integrations
APPROVED

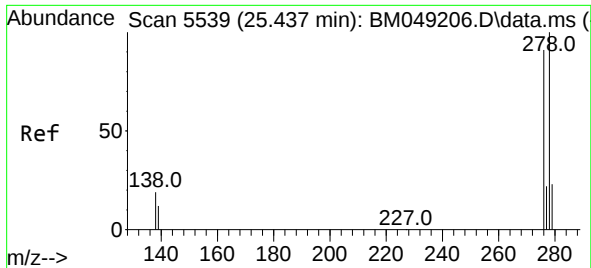
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.868 ng/ul m
RT: 25.420 min Scan# 5534
Delta R.T. -0.027 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

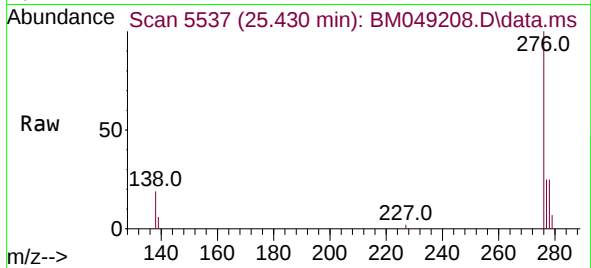
Tgt Ion:276 Resp: 101287
Ion Ratio Lower Upper
276 100
138 1.7 17.4 26.2#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.268 ng/ul m
RT: 25.430 min Scan# 5539
Delta R.T. -0.037 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

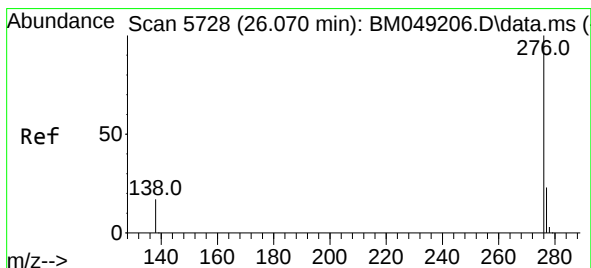
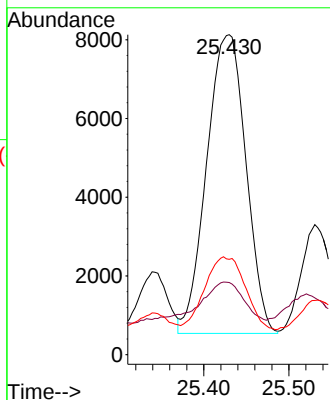
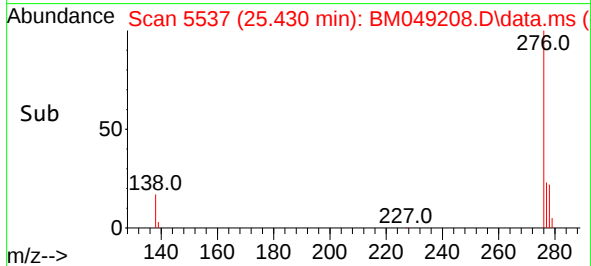
Instrument :
BNA_M
ClientSampleId :
E2909



Tgt Ion:278 Resp: 24304
Ion Ratio Lower Upper
278 100
139 22.5 13.5 20.3
279 29.8 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: 1.178 ng/ul m
RT: 26.070 min Scan# 5728
Delta R.T. -0.024 min
Lab File: BM049208.D
Acq: 25 Dec 2024 06:10

Tgt Ion:276 Resp: 110520
Ion Ratio Lower Upper
276 100
138 19.2 16.7 25.1
277 24.3 19.9 29.9

