

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049220.D
 Acq On : 26 Dec 2024 11:29
 Operator : RC/JU
 Sample : P5333-19DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2921DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 26 22:50:06 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 : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	4842	0.400	ng/ul	0.00
4) Naphthalene-d8	10.308	136	13766	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.186	164	7603	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	16659	0.400	ng/ul	0.00
17) Chrysene-d12	21.138	240	15431	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	16695m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	10330	1.850	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	2044	0.110	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	4104	0.094	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.358	128	710	0.021	ng/ul#	63
7) 2-Methylnaphthalene	11.986	142	552	0.025	ng/ul	96
10) Acenaphthylene	13.899	152	1198	0.038	ng/ul#	80
11) Acenaphthene	14.246	153	1208	0.053	ng/ul	96
12) Fluorene	15.241	166	1464	0.056	ng/ul#	97
15) Phenanthrene	16.975	178	17231	0.396	ng/ul	100
16) Anthracene	17.064	178	5284	0.132	ng/ul	95
19) Fluoranthene	19.001	202	40871	0.733	ng/ul	99
20) Pyrene	19.363	202	36740	0.617	ng/ul	98
21) Benzo(a)anthracene	21.120	228	20776	0.387	ng/ul	99
22) Chrysene	21.173	228	20841	0.362	ng/ul	97
24) Benzo(b)fluoranthene	22.654	252	28145m	0.528	ng/ul	
25) Benzo(k)fluoranthene	22.692	252	12550m	0.214	ng/ul	
26) Benzo(a)pyrene	23.195	252	20250	0.396	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.427	276	17974	0.248	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.437	278	5823	0.104	ng/ul#	84
29) Benzo(g,h,i)perylene	26.074	276	17515	0.301	ng/ul	99

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

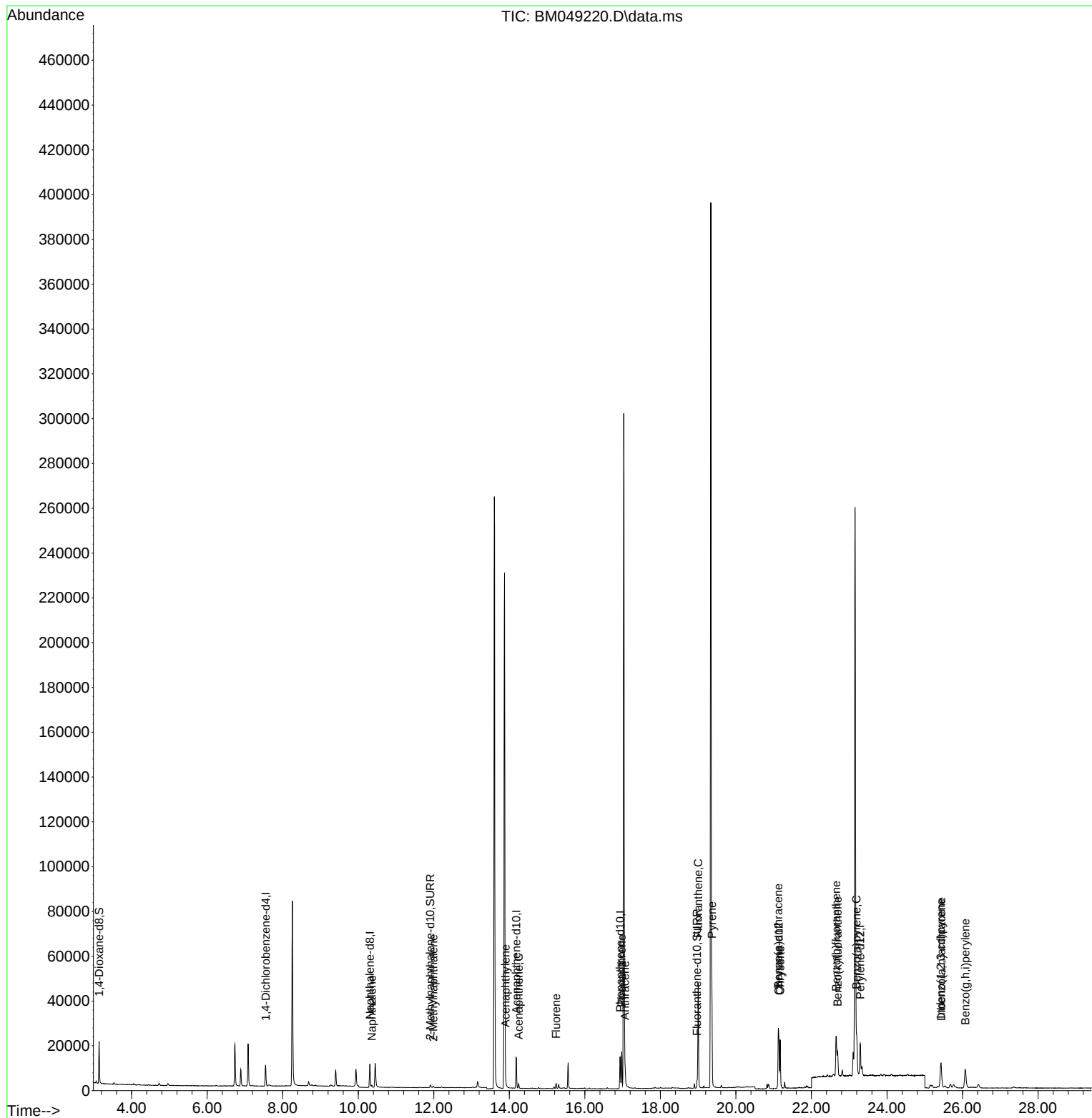
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049220.D
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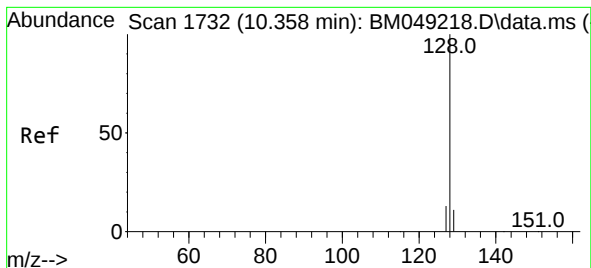
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#5

Naphthalene

Concen: 0.021 ng/ul

RT: 10.358 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BM049220.D

Acq: 26 Dec 2024 11:29

Instrument :

BNA_M

ClientSampleId :

E2921DL

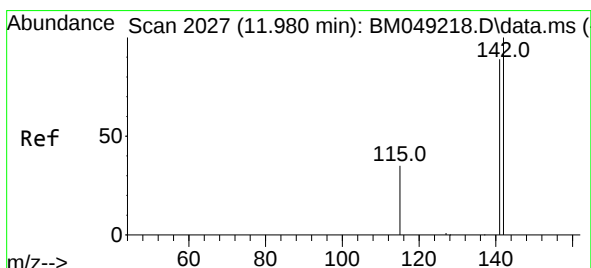
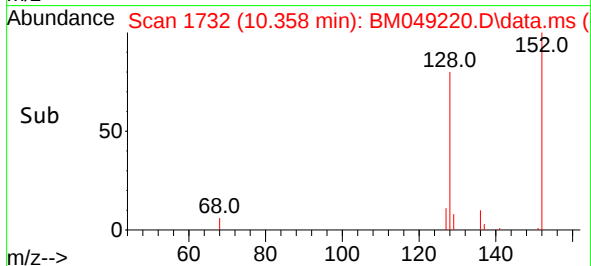
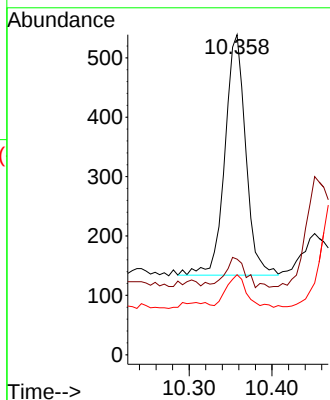
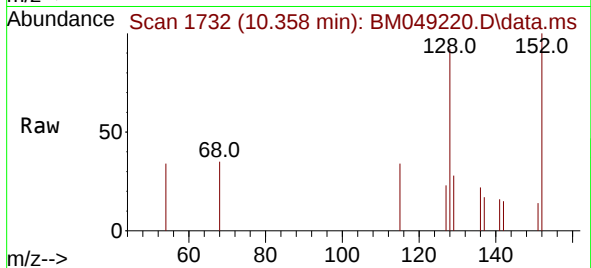
Tgt Ion:128 Resp: 710

Ion	Ratio	Lower	Upper
128	100		
129	29.9	9.7	14.5
127	25.0	10.6	16.0

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#7

2-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 11.986 min Scan# 2028

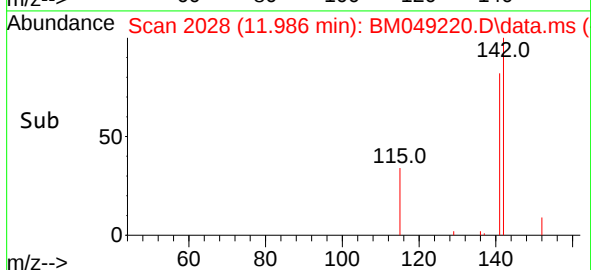
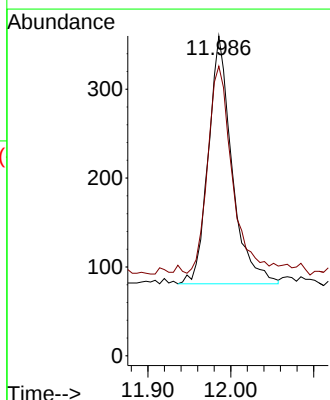
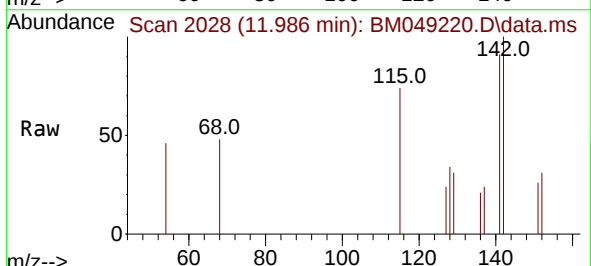
Delta R.T. 0.006 min

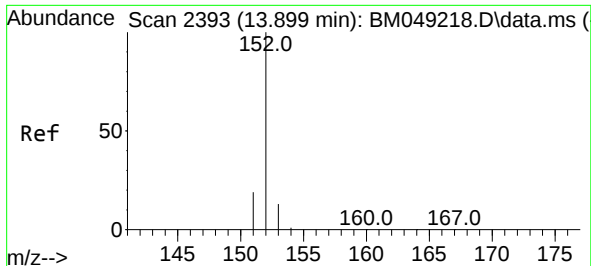
Lab File: BM049220.D

Acq: 26 Dec 2024 11:29

Tgt Ion:142 Resp: 552

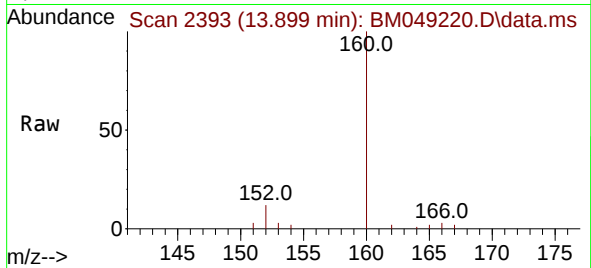
Ion	Ratio	Lower	Upper
142	100		
141	93.1	71.7	107.5





#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 13.899 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BM049220.D
Acq: 26 Dec 2024 11:29

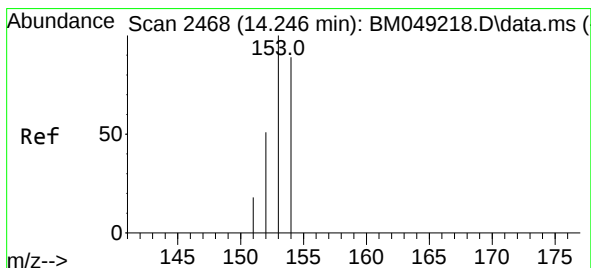
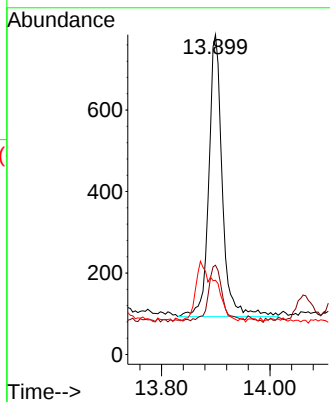
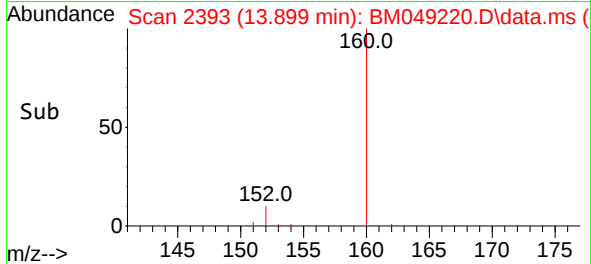
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BNA_M
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E2921DL



Tgt Ion:152 Resp: 1198
Ion Ratio Lower Upper
152 100
151 27.9 16.0 24.0
153 23.2 11.0 16.6

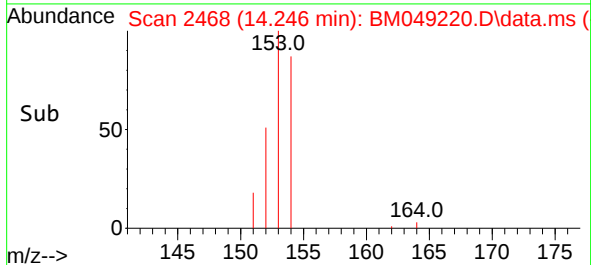
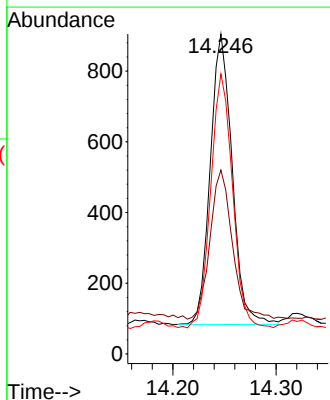
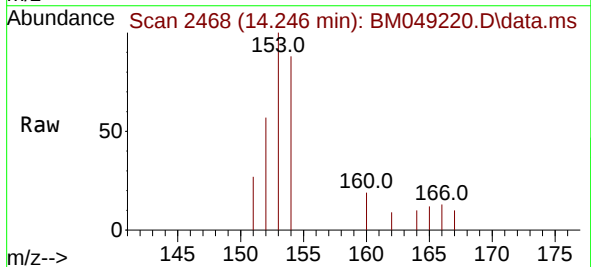
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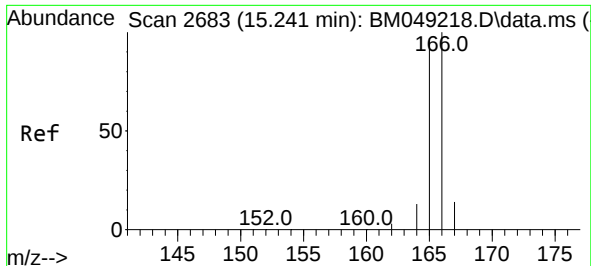
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#11
Acenaphthene
Concen: 0.053 ng/ul
RT: 14.246 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BM049220.D
Acq: 26 Dec 2024 11:29

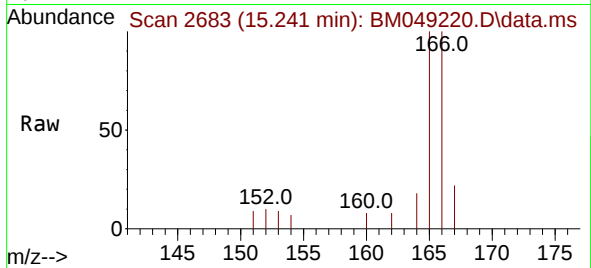
Tgt Ion:153 Resp: 1208
Ion Ratio Lower Upper
153 100
152 57.5 40.7 61.1
154 87.5 70.8 106.2





#12
Fluorene
Concen: 0.056 ng/u1
RT: 15.241 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM049220.D
Acq: 26 Dec 2024 11:29

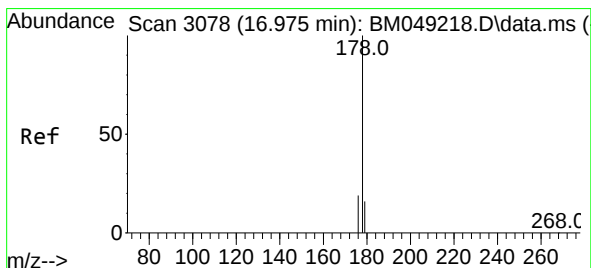
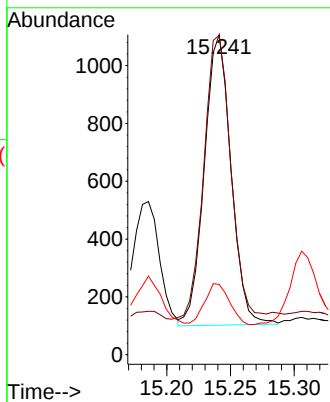
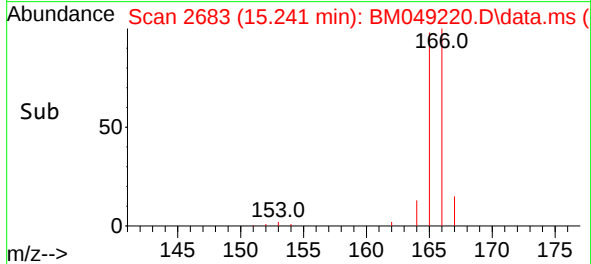
Instrument :
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Tgt Ion:166 Resp: 1464
Ion Ratio Lower Upper
166 100
165 99.8 79.7 119.5
167 22.0 11.4 17.0

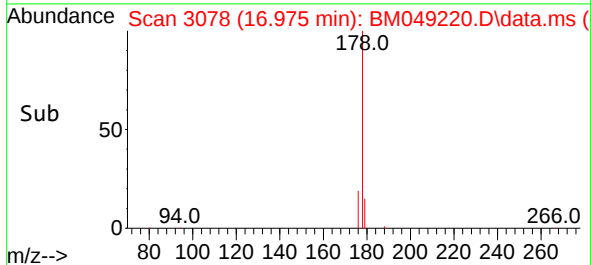
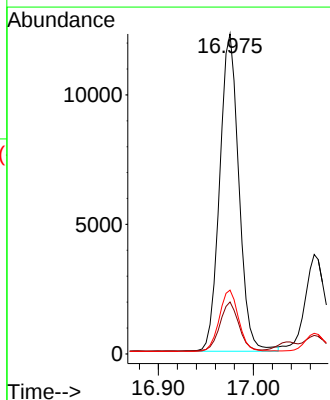
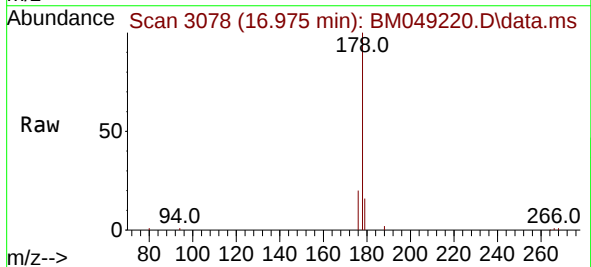
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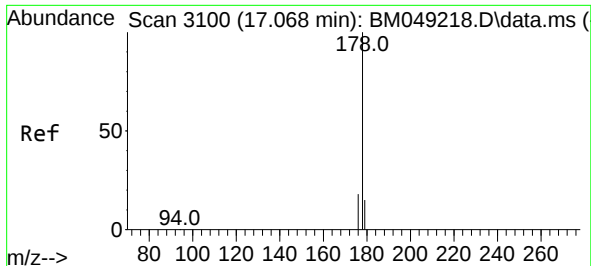
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#15
Phenanthrene
Concen: 0.396 ng/u1
RT: 16.975 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BM049220.D
Acq: 26 Dec 2024 11:29

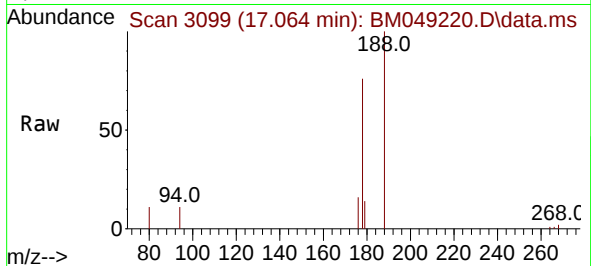
Tgt Ion:178 Resp: 17231
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 20.0 16.2 24.2





#16
 Anthracene
 Concen: 0.132 ng/ul
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM049220.D
 Acq: 26 Dec 2024 11:29

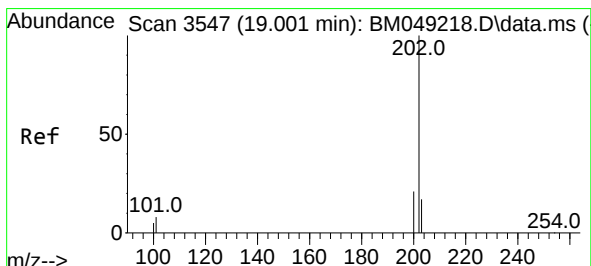
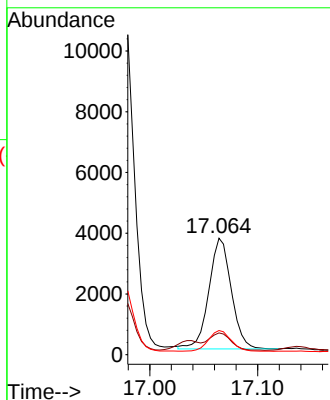
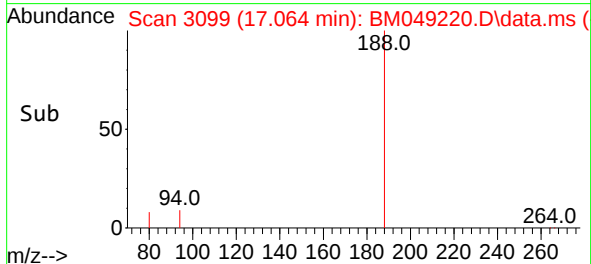
Instrument :
 BNA_M
 ClientSampleId :
 E2921DL



Tgt Ion:178 Resp: 5284
 Ion Ratio Lower Upper
 178 100
 179 18.7 12.9 19.3
 176 20.8 15.3 22.9

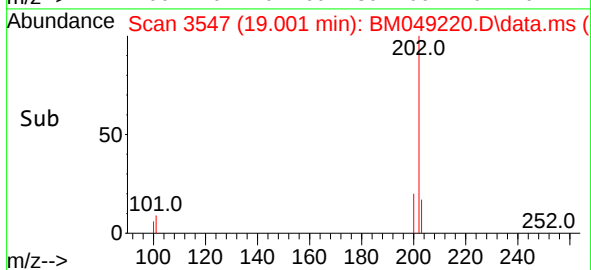
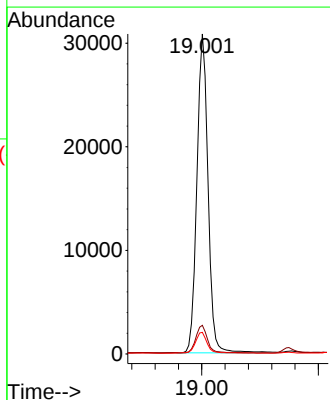
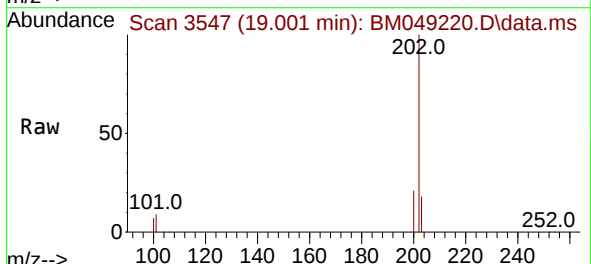
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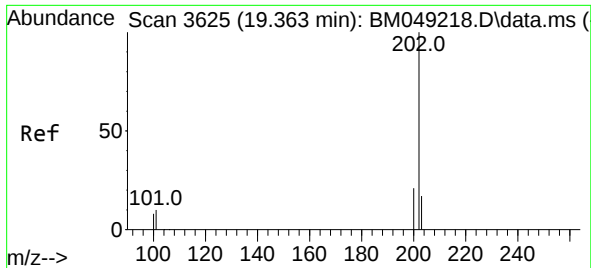
Reviewed By :Jagrut Upadhyay 12/27/2024
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#19
 Fluoranthene
 Concen: 0.733 ng/ul
 RT: 19.001 min Scan# 3547
 Delta R.T. 0.000 min
 Lab File: BM049220.D
 Acq: 26 Dec 2024 11:29

Tgt Ion:202 Resp: 40871
 Ion Ratio Lower Upper
 202 100
 101 8.9 7.6 11.4
 100 6.7 5.5 8.3





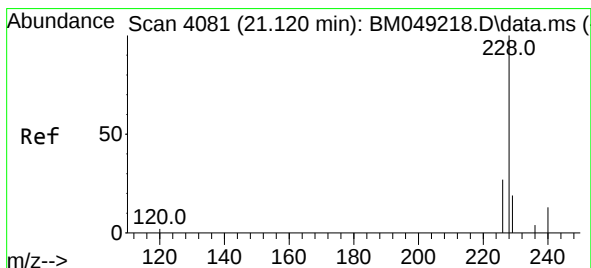
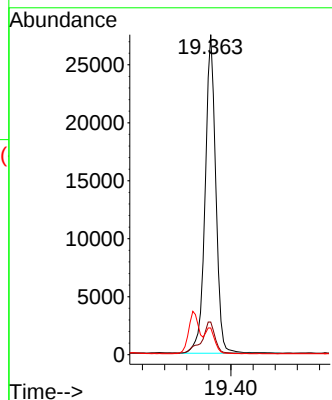
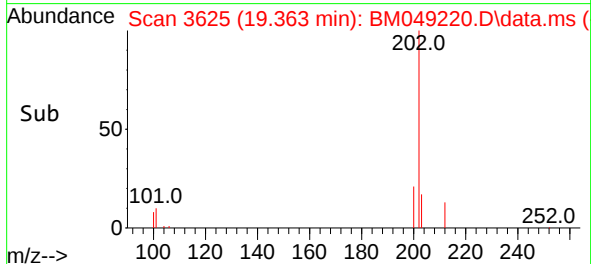
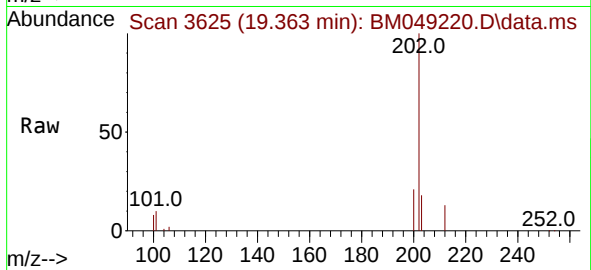
#20
Pyrene
Concen: 0.617 ng/u1
RT: 19.363 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BM049220.D
Acq: 26 Dec 2024 11:29

Instrument :
BNA_M
ClientSampleId :
E2921DL

Tgt Ion:202 Resp: 36740
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 8.3 6.9 10.3

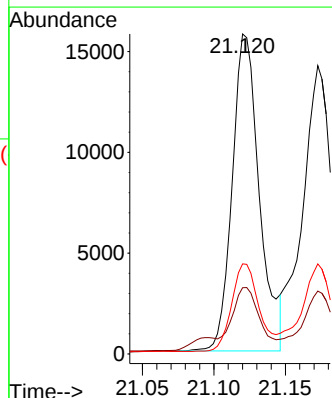
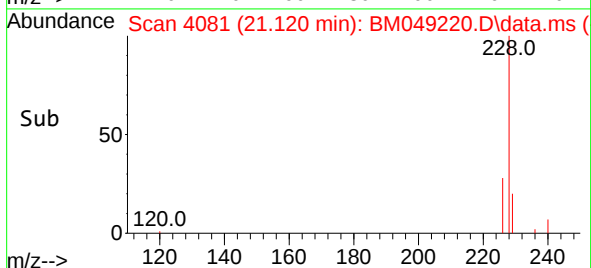
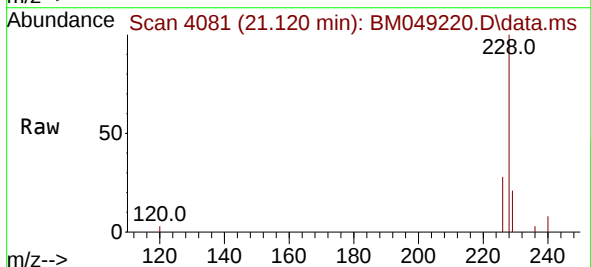
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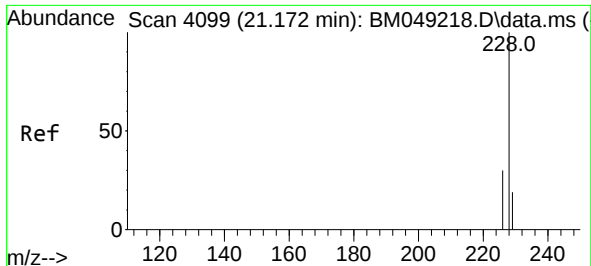
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#21
Benzo(a)anthracene
Concen: 0.387 ng/u1
RT: 21.120 min Scan# 4081
Delta R.T. 0.000 min
Lab File: BM049220.D
Acq: 26 Dec 2024 11:29

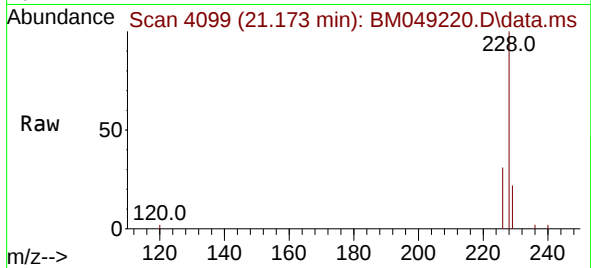
Tgt Ion:228 Resp: 20776
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 28.1 22.6 34.0





#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.173 min Scan# 4099
Delta R.T. 0.000 min
Lab File: BM049220.D
Acq: 26 Dec 2024 11:29

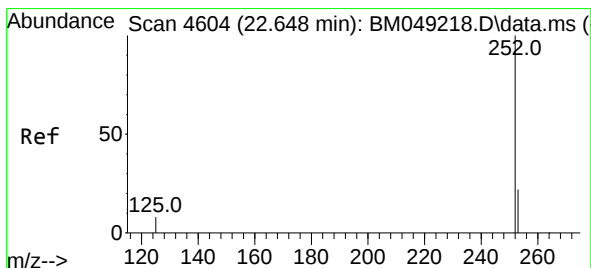
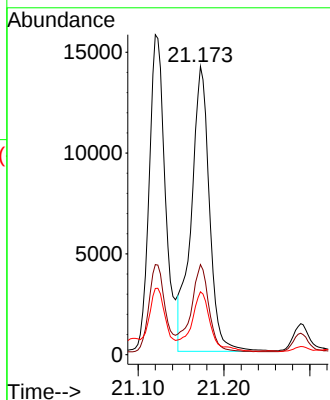
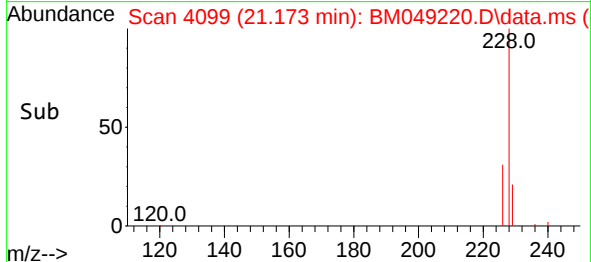
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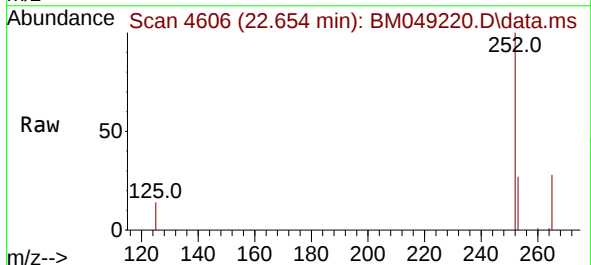
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Ion Ratio Lower Upper
228 100
226 31.3 24.1 36.1
229 21.8 15.8 23.8

Manual Integrations
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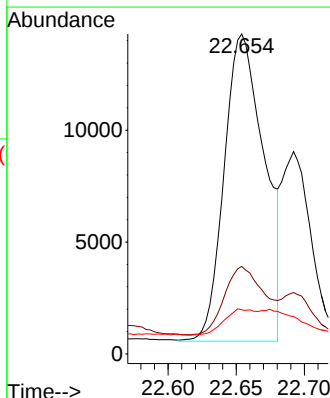
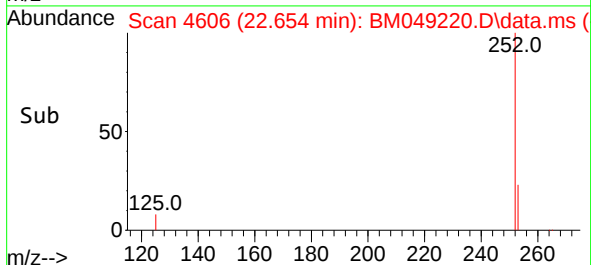
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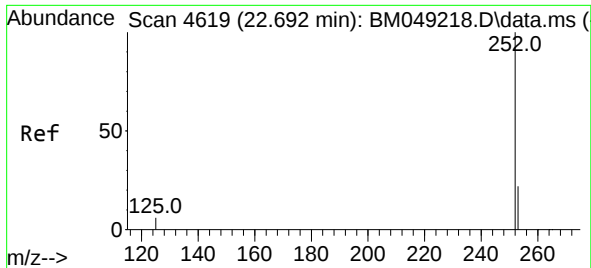


#24
Benzo(b)fluoranthene
Concen: 0.528 ng/ul m
RT: 22.654 min Scan# 4606
Delta R.T. 0.006 min
Lab File: BM049220.D
Acq: 26 Dec 2024 11:29



Tgt Ion:252 Resp: 28145
Ion Ratio Lower Upper
252 100
253 27.4 0.0 52.6
125 13.8 0.0 30.8





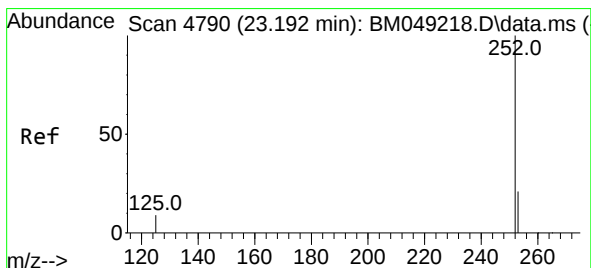
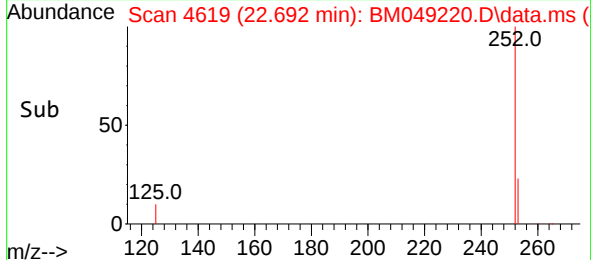
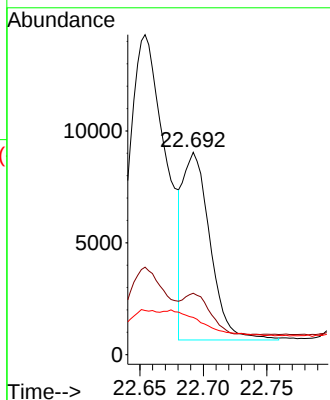
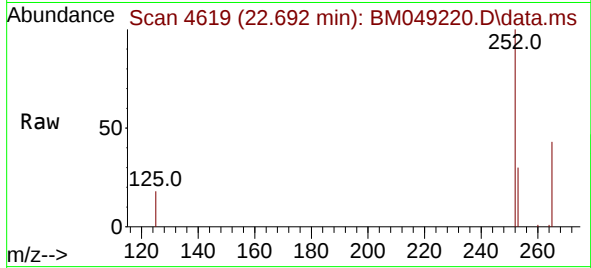
#25
Benzo(k)fluoranthene
Concen: 0.214 ng/ul m
RT: 22.692 min Scan# 4619
Delta R.T. 0.000 min
Lab File: BM049220.D
Acq: 26 Dec 2024 11:29

Instrument :
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Tgt Ion:252 Resp: 12550
Ion Ratio Lower Upper
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253 30.4 21.3 31.9
125 18.4 12.6 18.8

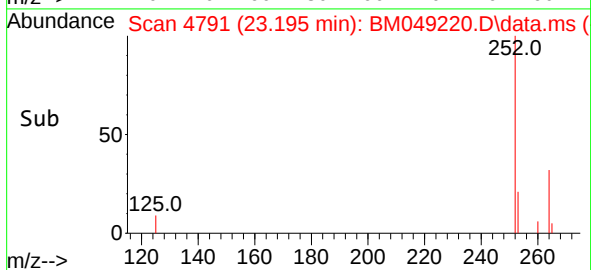
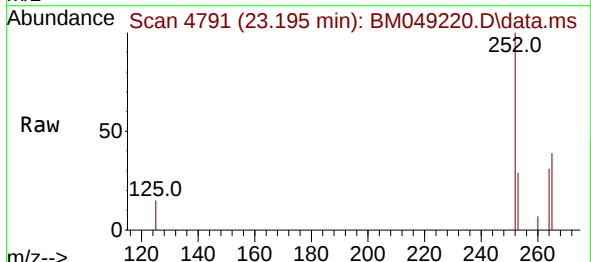
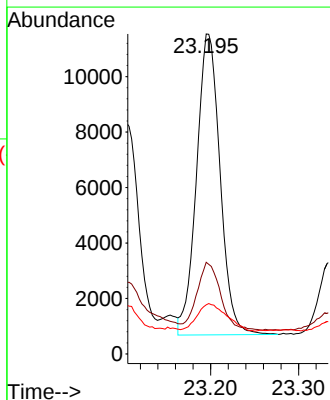
Manual Integrations
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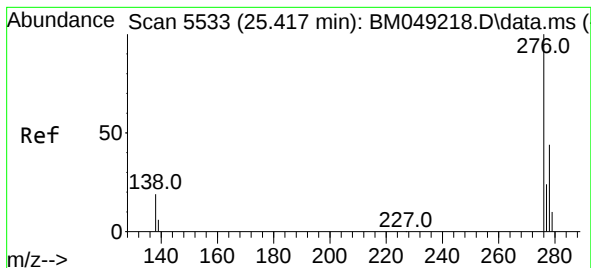
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#26
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.195 min Scan# 4791
Delta R.T. 0.003 min
Lab File: BM049220.D
Acq: 26 Dec 2024 11:29

Tgt Ion:252 Resp: 20250
Ion Ratio Lower Upper
252 100
253 28.7 22.4 33.6
125 15.4 14.8 22.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.248 ng/ul

RT: 25.427 min Scan# 5536

Delta R.T. 0.010 min

Lab File: BM049220.D

Acq: 26 Dec 2024 11:29

Instrument :

BNA_M

ClientSampleId :

E2921DL

Tgt Ion:276 Resp: 17974

Ion Ratio Lower Upper

276 100

138 17.9 17.4 26.2

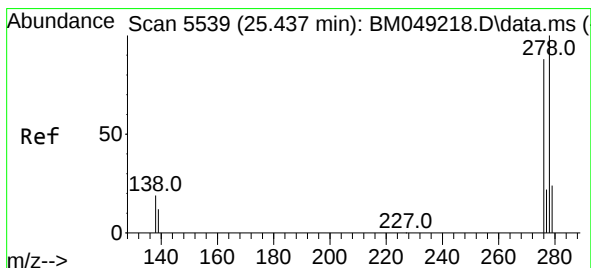
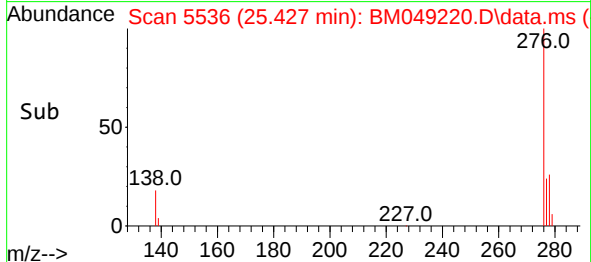
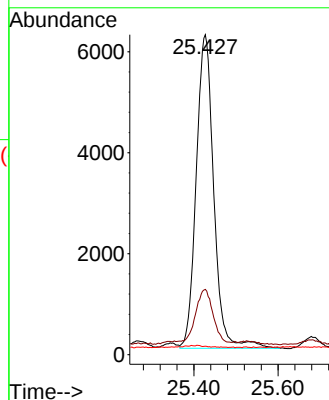
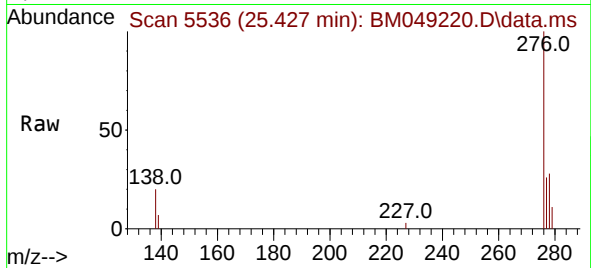
227 0.0 0.2 0.2

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#28

Dibenzo(a,h)anthracene

Concen: 0.104 ng/ul

RT: 25.437 min Scan# 5539

Delta R.T. 0.000 min

Lab File: BM049220.D

Acq: 26 Dec 2024 11:29

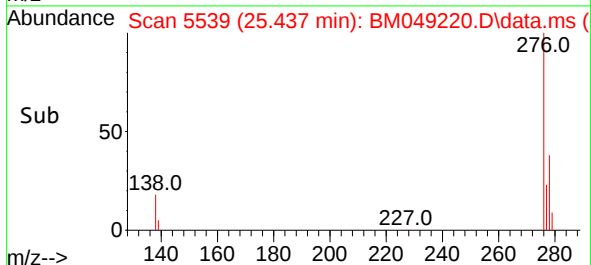
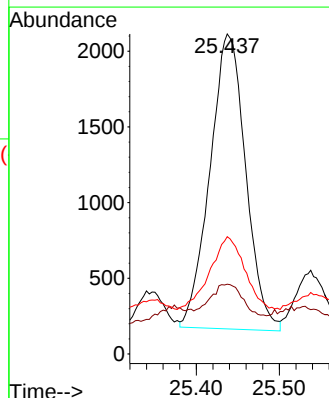
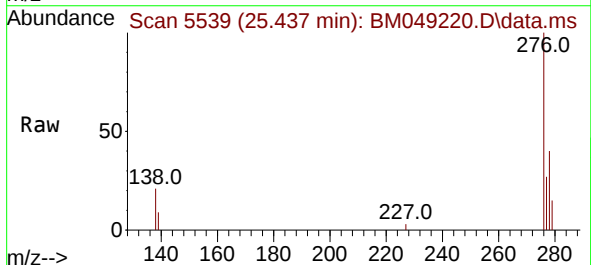
Tgt Ion:278 Resp: 5823

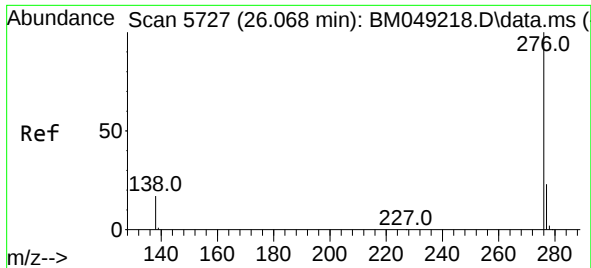
Ion Ratio Lower Upper

278 100

139 21.8 13.5 20.3#

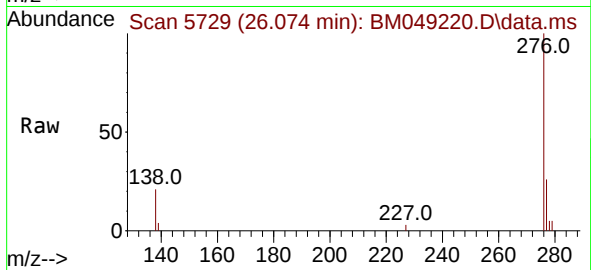
279 36.7 21.5 32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.301 ng/ul
RT: 26.074 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM049220.D
Acq: 26 Dec 2024 11:29

Instrument :
BNA_M
ClientSampleId :
E2921DL



Tgt Ion:276 Resp: 1751
Ion Ratio Lower Upper
276 100
138 20.9 16.7 25.1
277 25.6 19.9 29.9

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