

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046869.D
 Acq On : 27 Jul 2024 15:52
 Operator : MA/JU
 Sample : P3263-11
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BD7

Quant Time: Jul 28 23:30:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

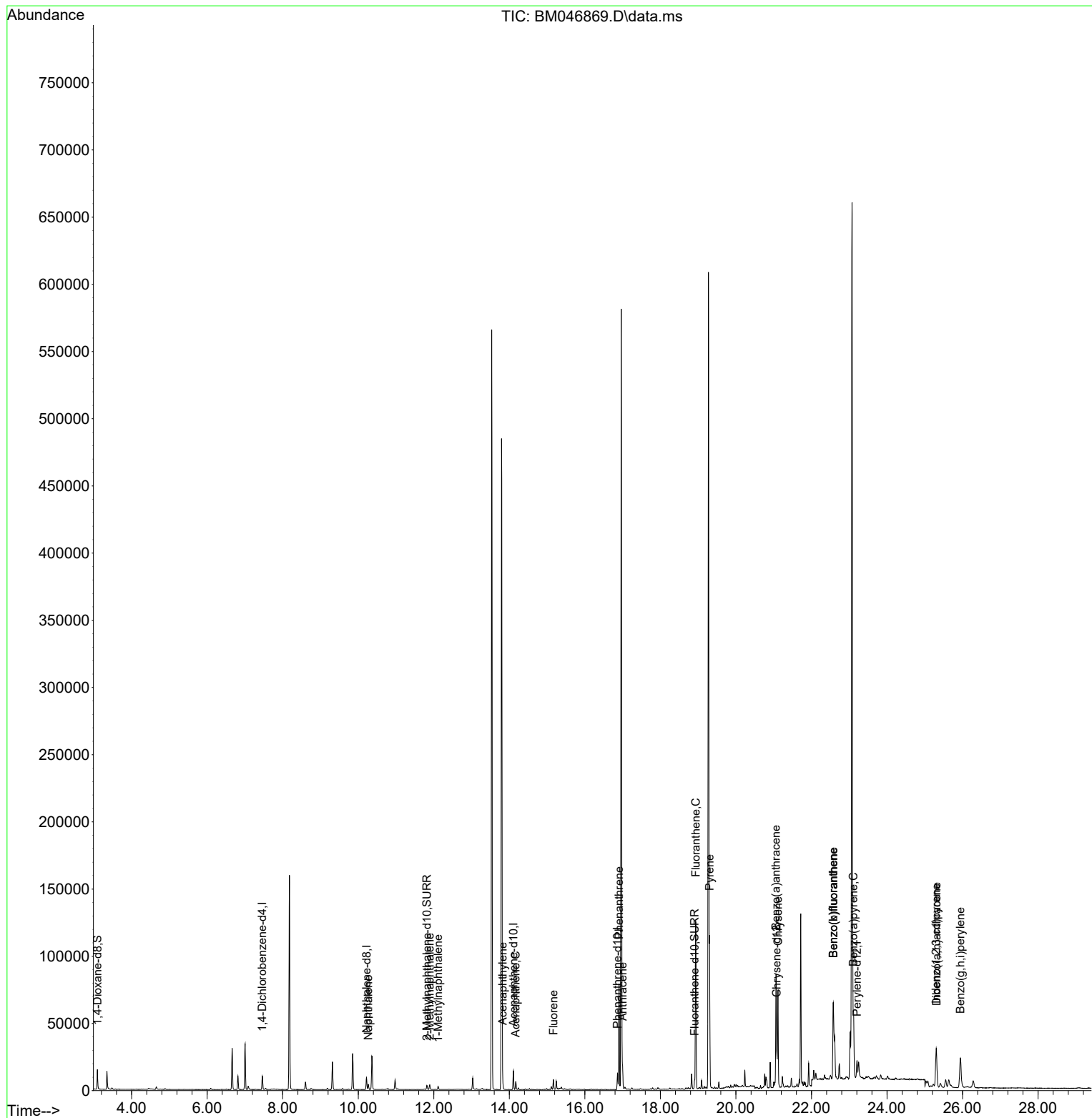
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	5001	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.216	136	11640	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	7390	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.863	188	15544	0.400	ng/ul	0.00
17) Chrysene-d12	21.076	240	13549	0.400	ng/ul	# 0.00
23) Perylene-d12	23.206	264	16366	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.092	96	8379	2.393	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.816	152	3963	0.214	ng/ul	-0.01
18) Fluoranthene-d10	18.905	212	7255	0.164	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.266	128	4921	0.167	ng/ul	99
7) 2-Methylnaphthalene	11.893	142	2208	0.109	ng/ul	100
8) 1-Methylnaphthalene	12.113	142	1583	0.076	ng/ul	100
10) Acenaphthylene	13.822	152	5832	0.172	ng/ul	99
11) Acenaphthene	14.169	153	3436	0.150	ng/ul	99
12) Fluorene	15.168	166	4580	0.160	ng/ul	97
15) Phenanthrene	16.905	178	77683	1.739	ng/ul	98
16) Anthracene	16.998	178	16014	0.385	ng/ul	99
19) Fluoranthene	18.937	202	113278	1.904	ng/ul	98
20) Pyrene	19.300	202	96878	1.574	ng/ul	99
21) Benzo(a)anthracene	21.061	228	67387	1.194	ng/ul	97
22) Chrysene	21.114	228	68375	1.192	ng/ul	98
24) Benzo(b)fluoranthene	22.578	252	122975	1.712	ng/ul	95
25) Benzo(k)fluoranthene	22.578	252	122975	1.698	ng/ul	95
26) Benzo(a)pyrene	23.113	252	60367	1.170	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.303	276	45482	0.573	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.309	278	10818	0.186	ng/ul#	85
29) Benzo(g,h,i)perylene	25.943	276	45677	0.653	ng/ul#	95

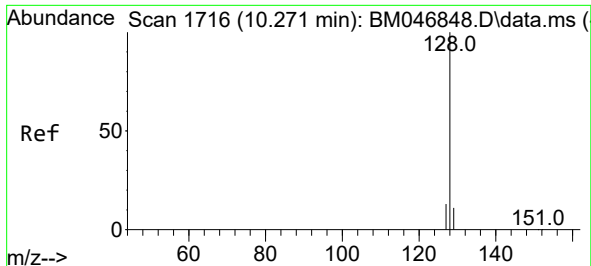
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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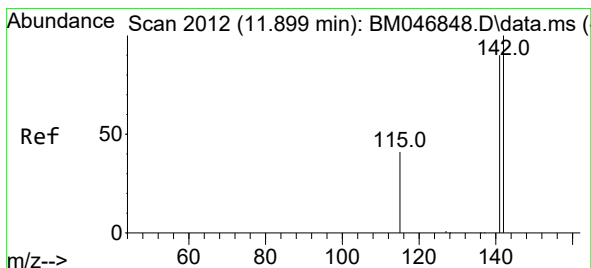
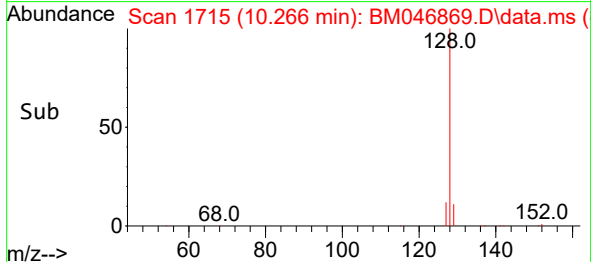
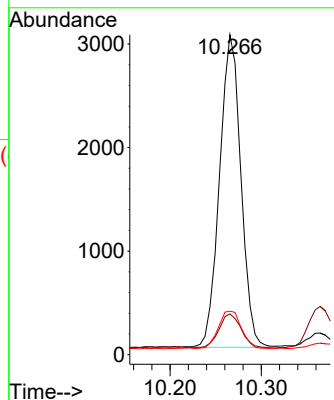
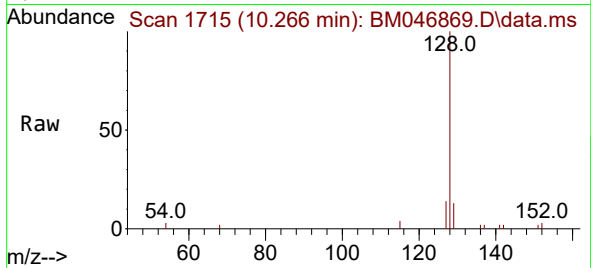




#5
Naphthalene
Concen: 0.167 ng/ul
RT: 10.266 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM046869.D
Acq: 27 Jul 2024 15:52

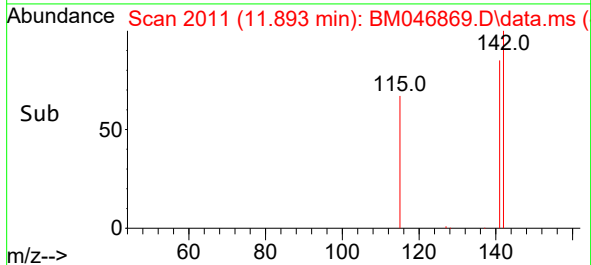
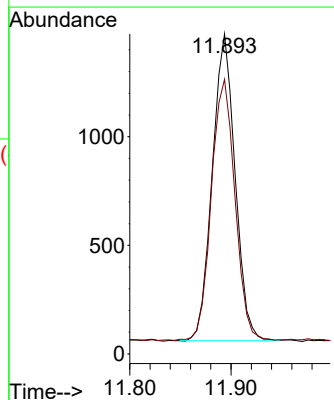
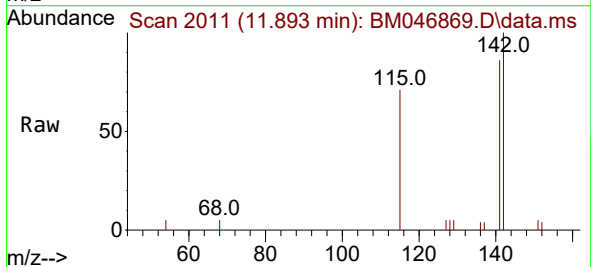
Instrument :
BNA_M
ClientSampleId :
A4BD7

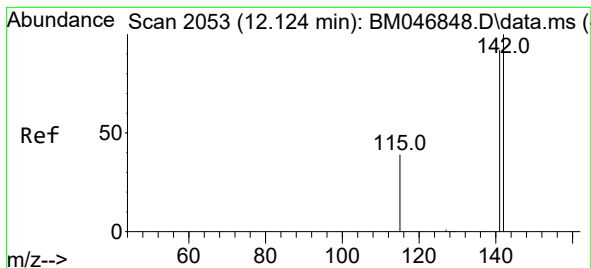
Tgt Ion	128	129	127
Ratio	100	12.7	13.6
Lower		10.1	11.5
Upper		15.1	17.3



#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.011 min
Lab File: BM046869.D
Acq: 27 Jul 2024 15:52

Tgt Ion	142	141
Ratio	100	88.3
Lower		70.5
Upper		105.7





#8

1-Methylnaphthalene

Concen: 0.076 ng/ul

RT: 12.113 min Scan# 2051

Delta R.T. -0.016 min

Lab File: BM046869.D

Acq: 27 Jul 2024 15:52

Instrument :

BNA_M

ClientSampleId :

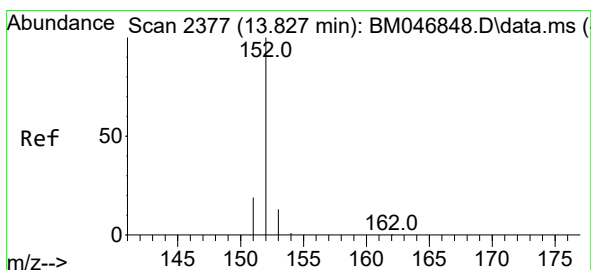
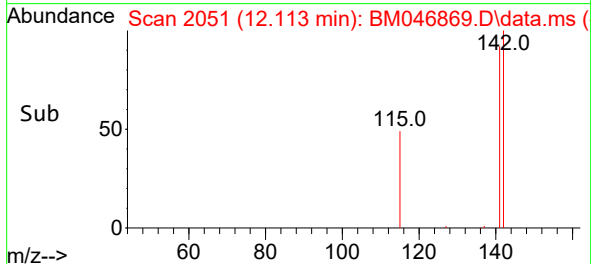
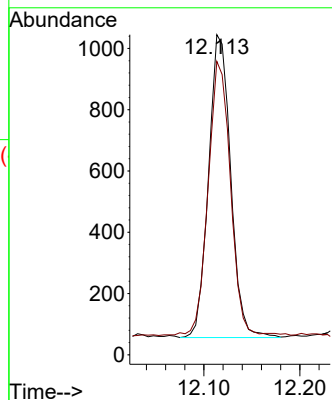
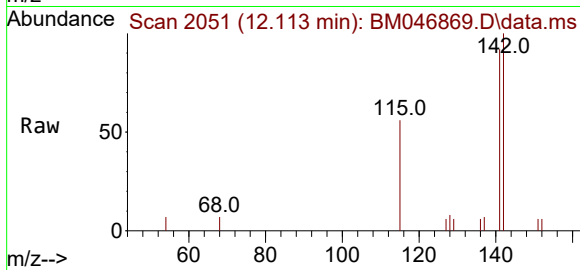
A4BD7

Tgt Ion:142 Resp: 1583

Ion Ratio Lower Upper

142 100

141 91.5 73.1 109.7



#10

Acenaphthylene

Concen: 0.172 ng/ul

RT: 13.822 min Scan# 2376

Delta R.T. -0.009 min

Lab File: BM046869.D

Acq: 27 Jul 2024 15:52

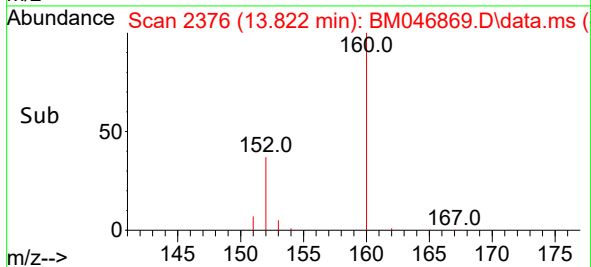
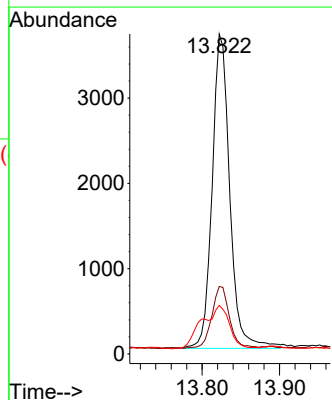
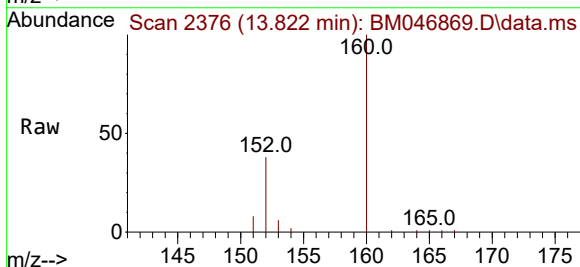
Tgt Ion:152 Resp: 5832

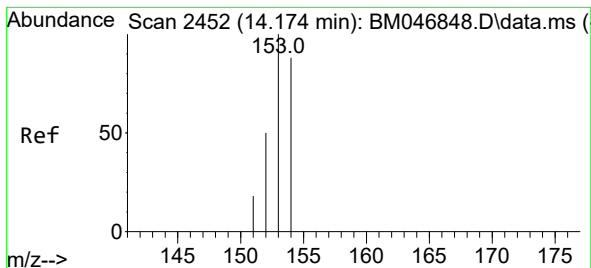
Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

153 15.1 11.0 16.6





#11

Acenaphthene

Concen: 0.150 ng/ul

RT: 14.169 min Scan# 2451

Delta R.T. -0.014 min

Lab File: BM046869.D

Acq: 27 Jul 2024 15:52

Instrument :

BNA_M

ClientSampleId :

A4BD7

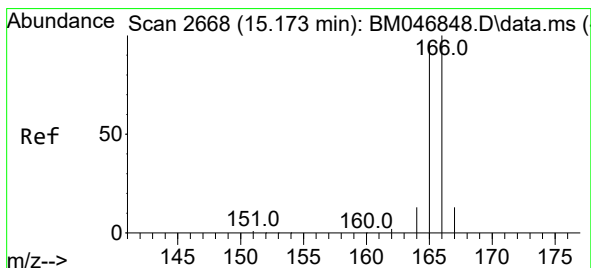
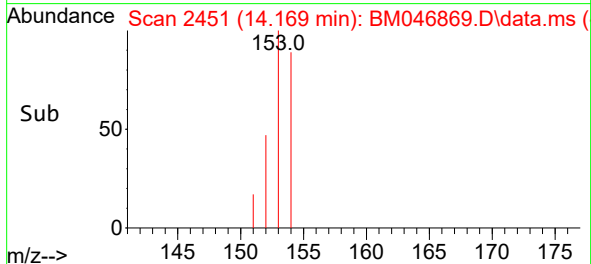
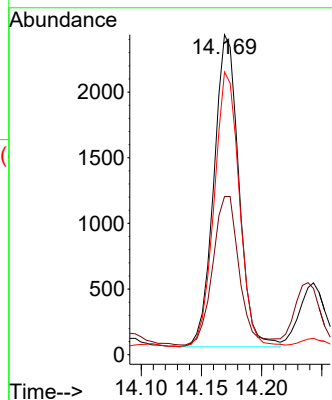
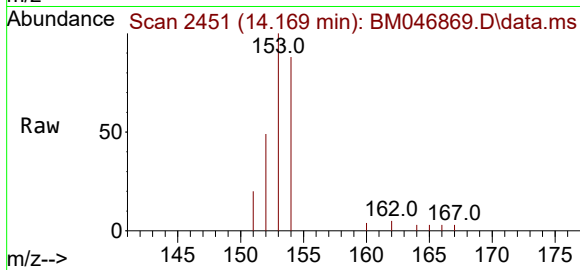
Tgt Ion:153 Resp: 3436

Ion Ratio Lower Upper

153 100

152 49.4 38.6 57.8

154 88.3 70.8 106.2



#12

Fluorene

Concen: 0.160 ng/ul

RT: 15.168 min Scan# 2667

Delta R.T. -0.009 min

Lab File: BM046869.D

Acq: 27 Jul 2024 15:52

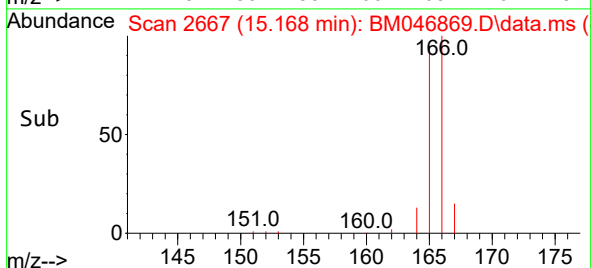
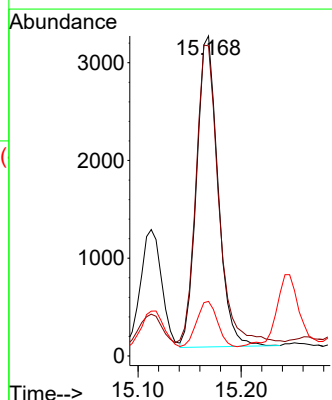
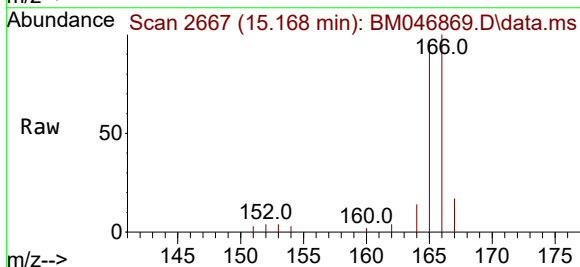
Tgt Ion:166 Resp: 4580

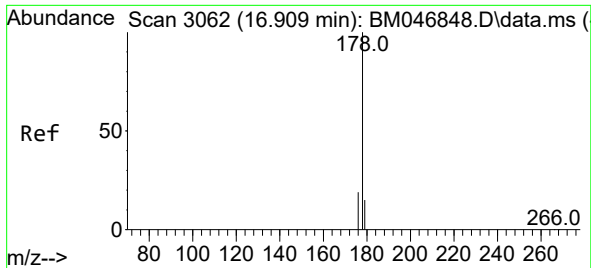
Ion Ratio Lower Upper

166 100

165 96.9 79.8 119.6

167 17.0 12.3 18.5

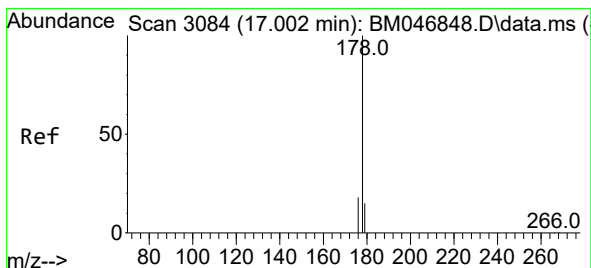
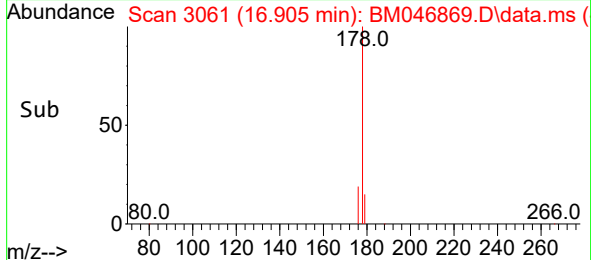
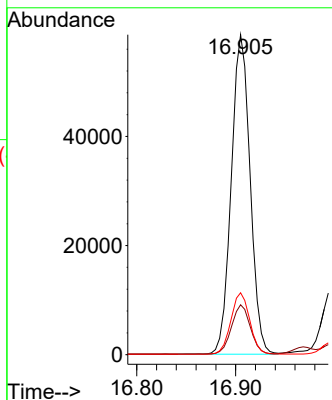
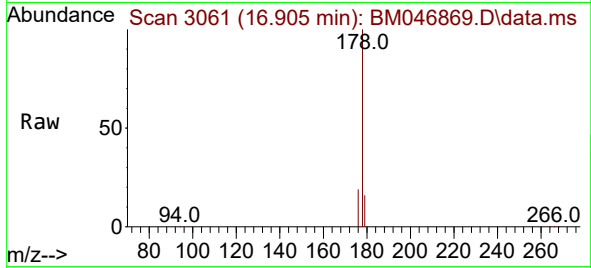




#15
Phenanthrene
Concen: 1.739 ng/ul
RT: 16.905 min Scan# 3061
Delta R.T. -0.008 min
Lab File: BM046869.D
Acq: 27 Jul 2024 15:52

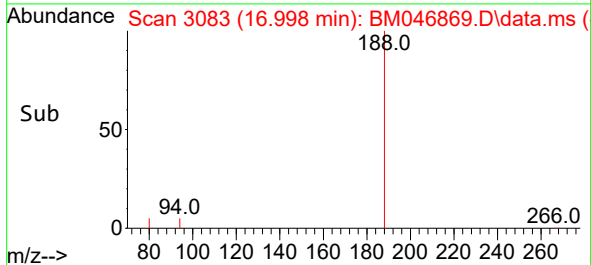
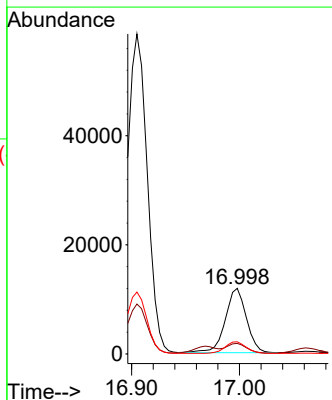
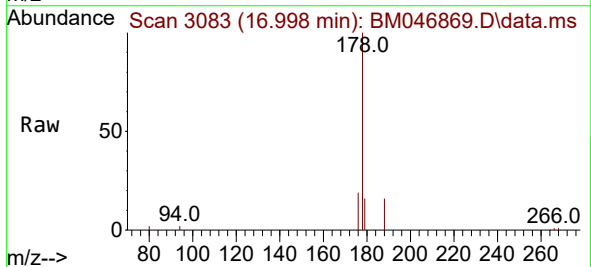
Instrument :
BNA_M
ClientSampleId :
A4BD7

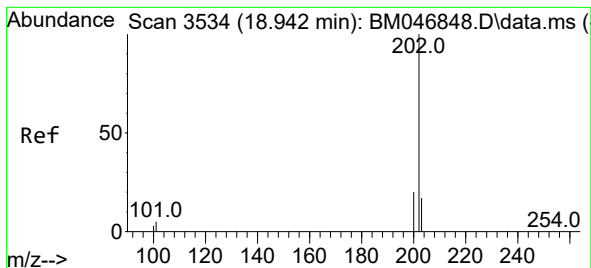
Tgt Ion:178 Resp: 77683
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.4 16.1 24.1



#16
Anthracene
Concen: 0.385 ng/ul
RT: 16.998 min Scan# 3083
Delta R.T. -0.008 min
Lab File: BM046869.D
Acq: 27 Jul 2024 15:52

Tgt Ion:178 Resp: 16014
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 18.7 15.0 22.6





#19

Fluoranthene

Concen: 1.904 ng/ul

RT: 18.937 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM046869.D

Acq: 27 Jul 2024 15:52

Instrument :

BNA_M

ClientSampleId :

A4BD7

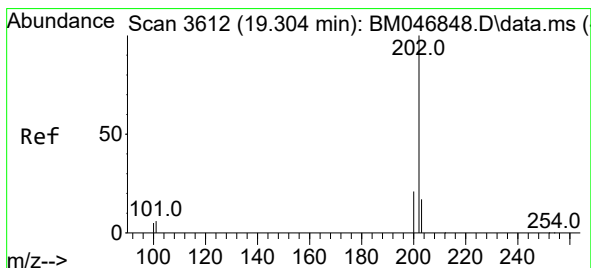
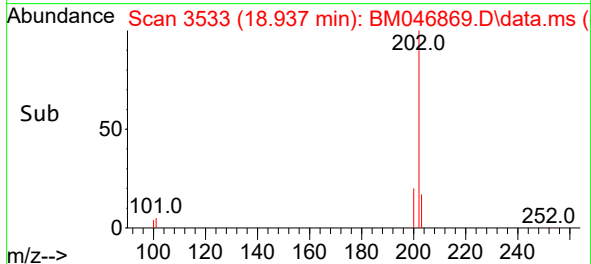
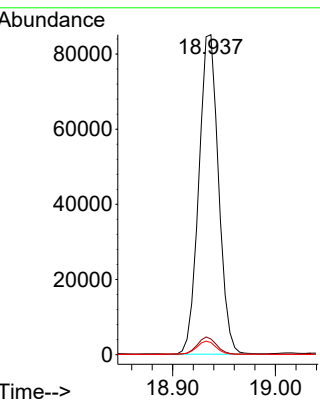
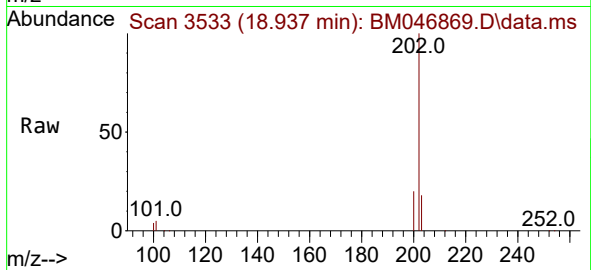
Tgt Ion:202 Resp: 113278

Ion Ratio Lower Upper

202 100

101 4.9 4.7 7.1

100 3.8 3.4 5.2



#20

Pyrene

Concen: 1.574 ng/ul

RT: 19.300 min Scan# 3611

Delta R.T. -0.005 min

Lab File: BM046869.D

Acq: 27 Jul 2024 15:52

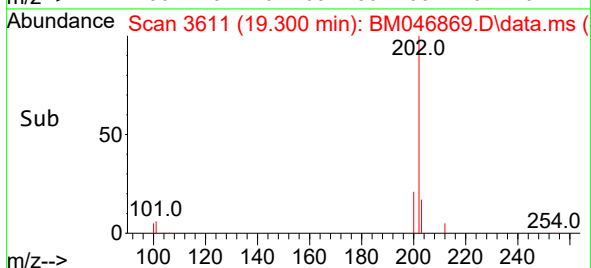
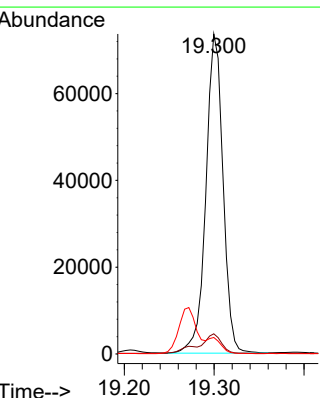
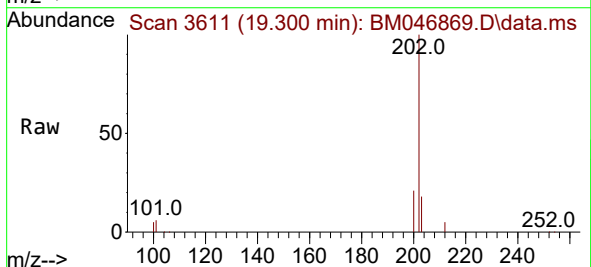
Tgt Ion:202 Resp: 96878

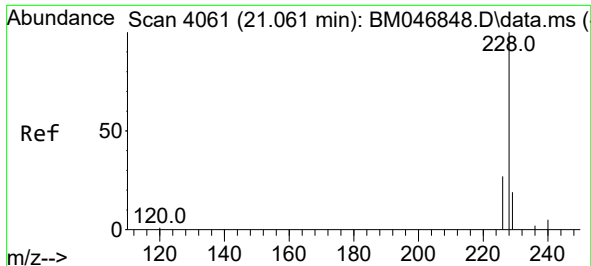
Ion Ratio Lower Upper

202 100

101 6.3 5.2 7.8

100 5.1 4.3 6.5

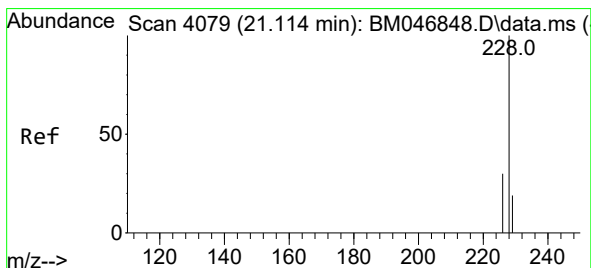
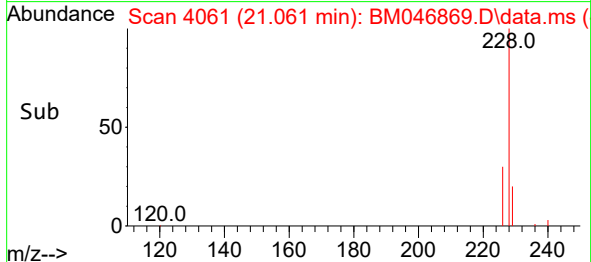
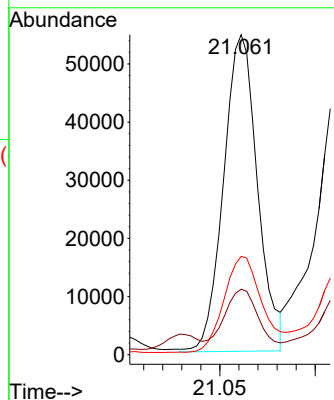
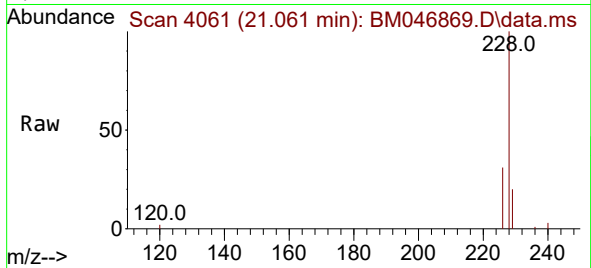




#21
Benzo(a)anthracene
Concen: 1.194 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.003 min
Lab File: BM046869.D
Acq: 27 Jul 2024 15:52

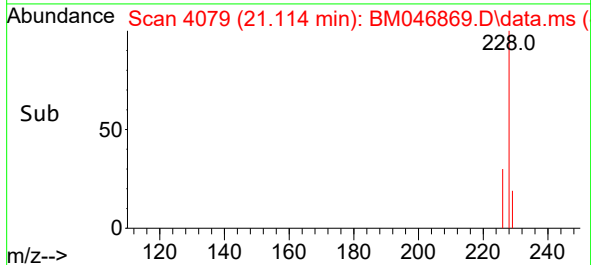
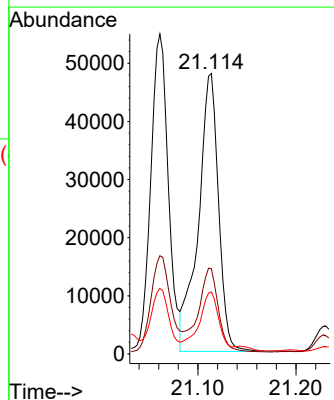
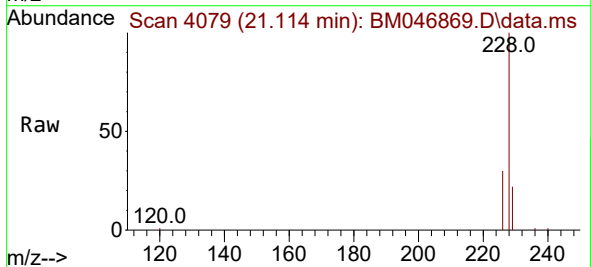
Instrument :
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A4BD7

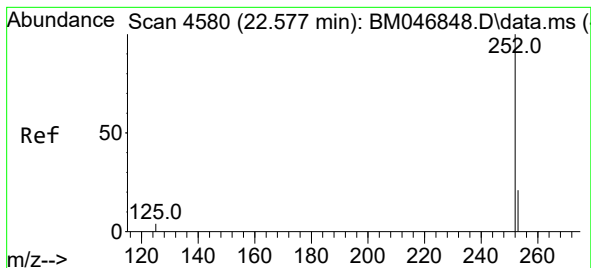
Tgt Ion:228 Resp: 67387
Ion Ratio Lower Upper
228 100
229 20.4 16.3 24.5
226 30.7 22.3 33.5



#22
Chrysene
Concen: 1.192 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046869.D
Acq: 27 Jul 2024 15:52

Tgt Ion:228 Resp: 68375
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 22.1 16.2 24.2





#24

Benzo(b)fluoranthene

Concen: 1.712 ng/ul

RT: 22.578 min Scan# 4580

Delta R.T. -0.003 min

Lab File: BM046869.D

Acq: 27 Jul 2024 15:52

Instrument :

BNA_M

ClientSampleId :

A4BD7

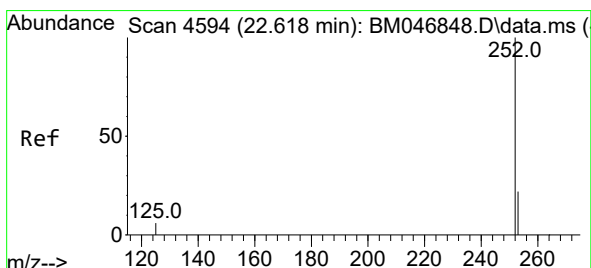
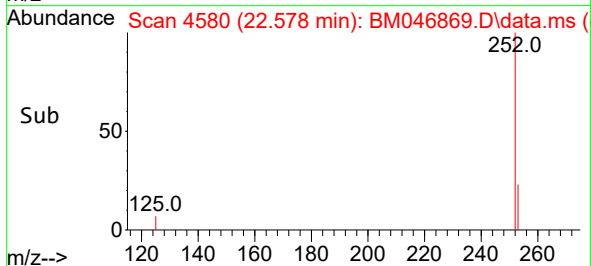
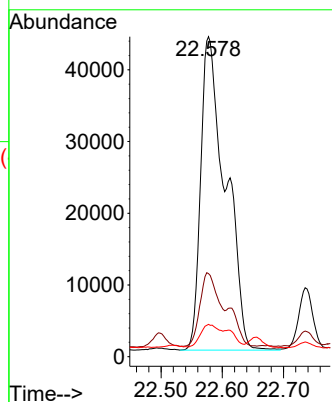
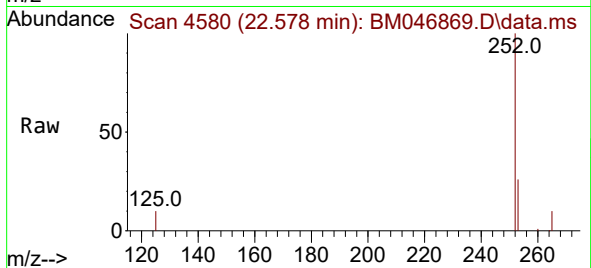
Tgt Ion:252 Resp: 122975

Ion Ratio Lower Upper

252 100

253 25.9 0.0 56.4

125 10.1 0.0 15.8



#25

Benzo(k)fluoranthene

Concen: 1.698 ng/ul

RT: 22.578 min Scan# 4580

Delta R.T. -0.044 min

Lab File: BM046869.D

Acq: 27 Jul 2024 15:52

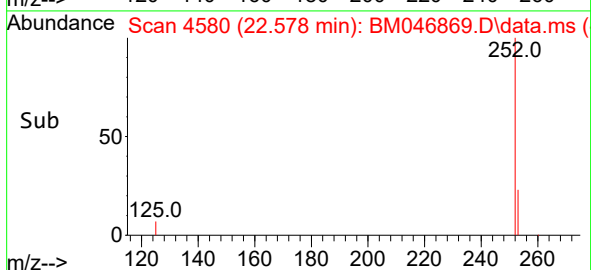
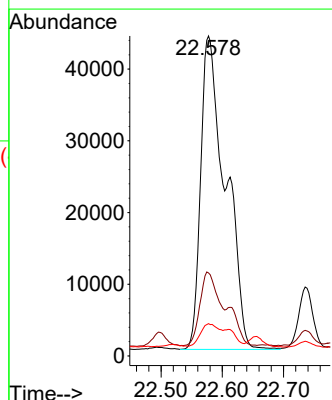
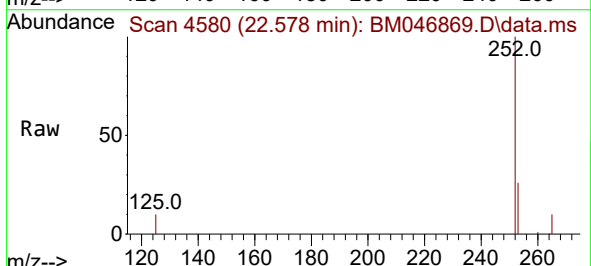
Tgt Ion:252 Resp: 122975

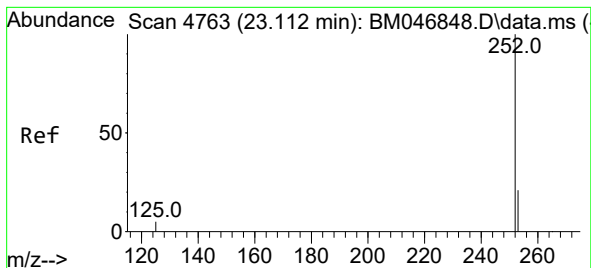
Ion Ratio Lower Upper

252 100

253 25.9 23.5 35.3

125 10.1 8.6 13.0





#26

Benzo(a)pyrene

Concen: 1.170 ng/ul

RT: 23.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM046869.D

Acq: 27 Jul 2024 15:52

Instrument :

BNA_M

ClientSampleId :

A4BD7

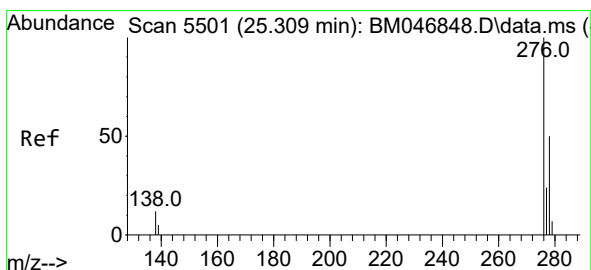
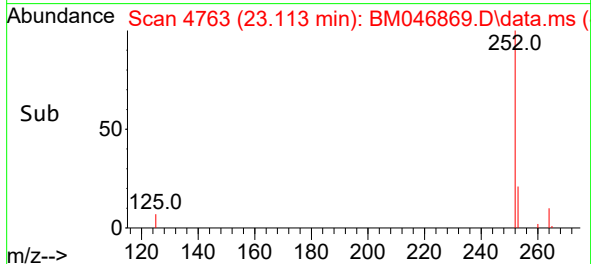
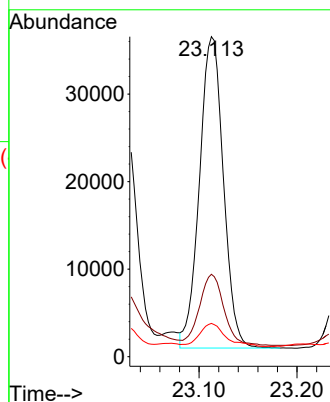
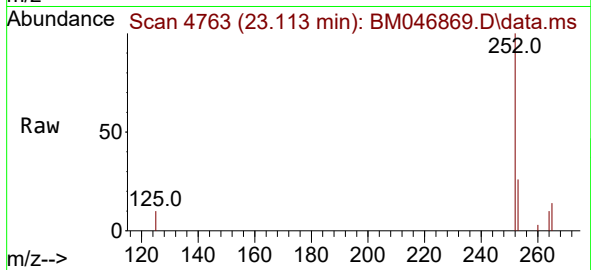
Tgt Ion:252 Resp: 60367

Ion Ratio Lower Upper

252 100

253 25.7 26.0 39.0#

125 10.4 7.8 11.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.573 ng/ul

RT: 25.303 min Scan# 5499

Delta R.T. -0.013 min

Lab File: BM046869.D

Acq: 27 Jul 2024 15:52

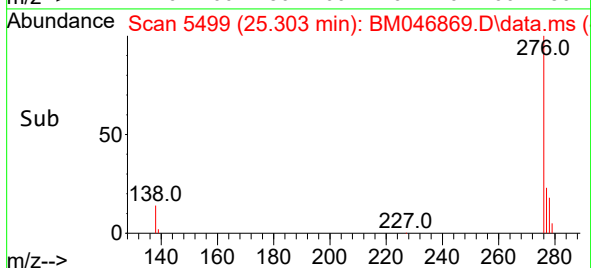
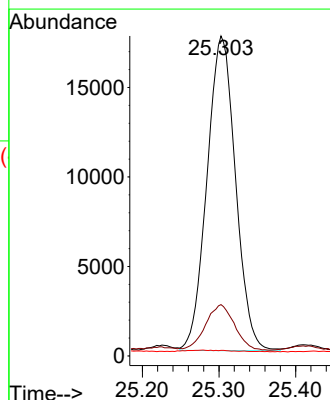
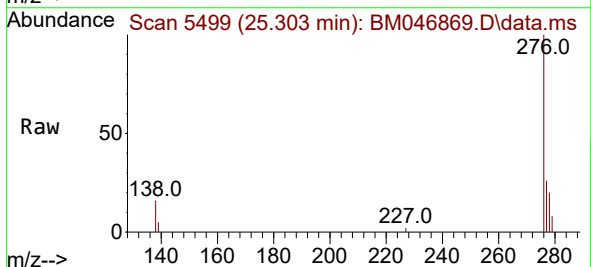
Tgt Ion:276 Resp: 45482

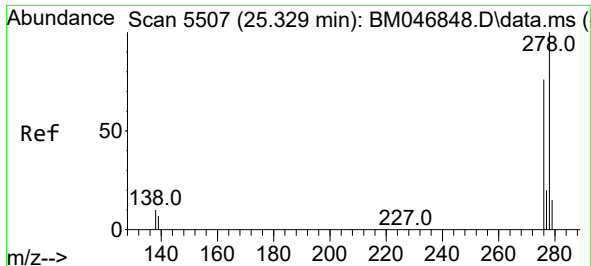
Ion Ratio Lower Upper

276 100

138 14.6 9.7 14.5#

227 0.0 0.2 0.2#

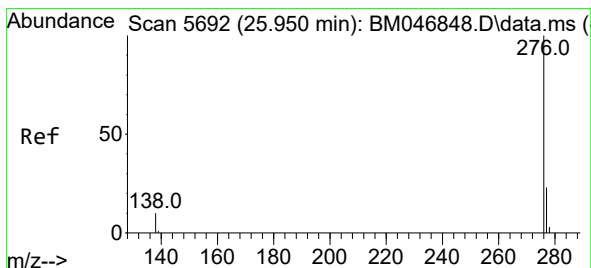
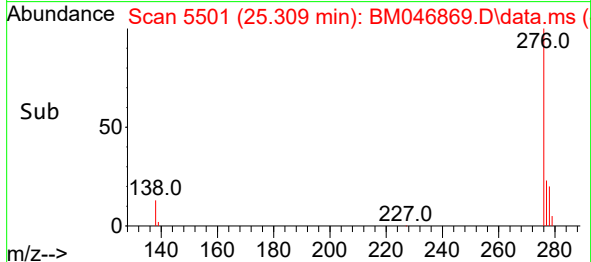
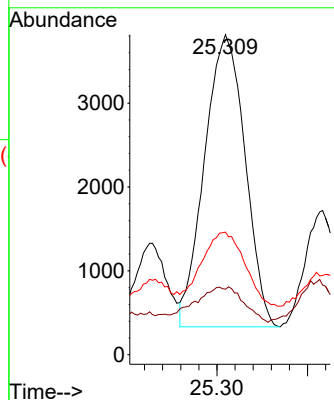
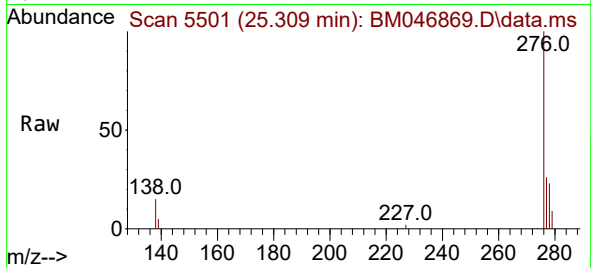




#28
Dibenzo(a,h)anthracene
Concen: 0.186 ng/ul
RT: 25.309 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM046869.D
Acq: 27 Jul 2024 15:52

Instrument :
BNA_M
ClientSampleId :
A4BD7

Tgt Ion:278 Resp: 10818
Ion Ratio Lower Upper
278 100
139 20.5 9.8 14.8#
279 38.3 25.2 37.8#



#29
Benzo(g,h,i)perylene
Concen: 0.653 ng/ul
RT: 25.943 min Scan# 5690
Delta R.T. -0.010 min
Lab File: BM046869.D
Acq: 27 Jul 2024 15:52

Tgt Ion:276 Resp: 45677
Ion Ratio Lower Upper
276 100
138 15.6 9.5 14.3#
277 24.8 20.9 31.3

