

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046609.D
 Acq On : 15 Jul 2024 23:09
 Operator : MA/JU
 Sample : P3087-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 16 00:25:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

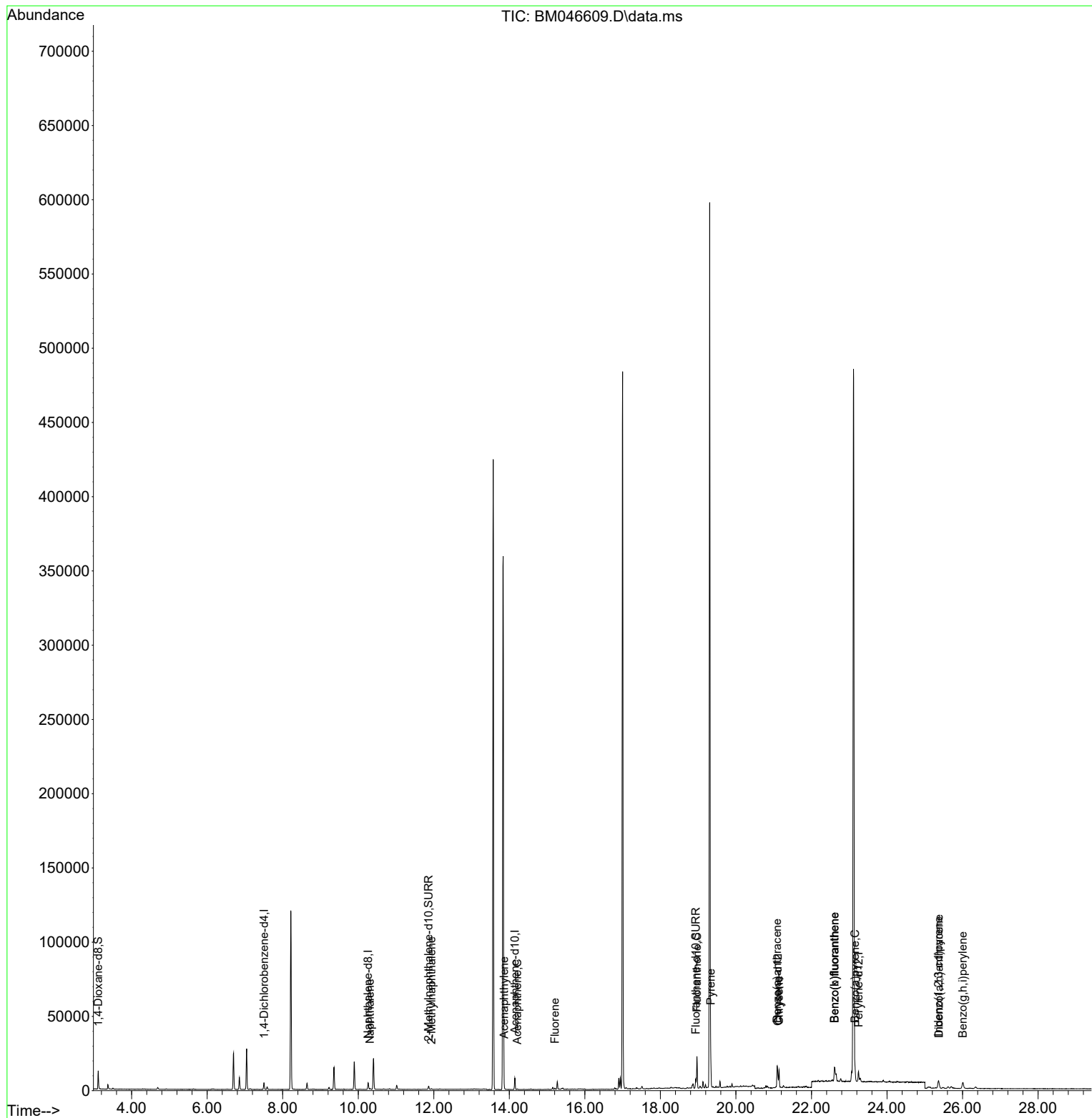
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	2192	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	5936	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.146	164	4160	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.90
17) Chrysene-d12	21.105	240	7913	0.400	ng/ul	# 0.00
23) Perylene-d12	23.244	264	8639	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	7232	4.016	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	2803	0.293	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	6901	0.287	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.310	128	828	0.055	ng/ul#	80
7) 2-Methylnaphthalene	11.937	142	332	0.031	ng/ul	90
10) Acenaphthylene	13.864	152	1592	0.084	ng/ul#	89
11) Acenaphthene	14.211	153	264	0.021	ng/ul	95
12) Fluorene	15.205	166	543	0.035	ng/ul#	92
19) Fluoranthene	18.970	202	19502	0.600	ng/ul	99
20) Pyrene	19.332	202	20384	0.579	ng/ul	99
21) Benzo(a)anthracene	21.087	228	10486	0.300	ng/ul#	90
22) Chrysene	21.140	228	12339	0.364	ng/ul#	92
24) Benzo(b)fluoranthene	22.610	252	21221	0.615	ng/ul#	86
25) Benzo(k)fluoranthene	22.610	252	21221	0.626	ng/ul#	86
26) Benzo(a)pyrene	23.153	252	10199	0.359	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.363	276	8253	0.191	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	2192	0.064	ng/ul#	18
29) Benzo(g,h,i)perylene	26.007	276	8344	0.242	ng/ul#	93

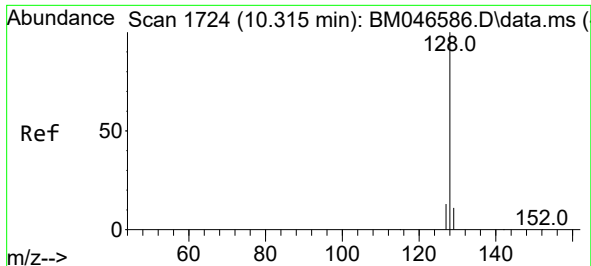
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
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Quant Time: Jul 16 00:25:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

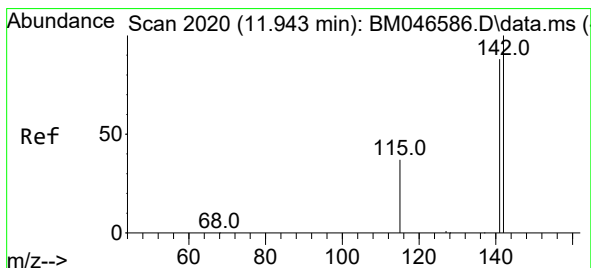
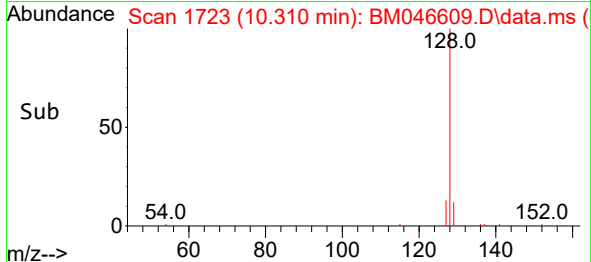
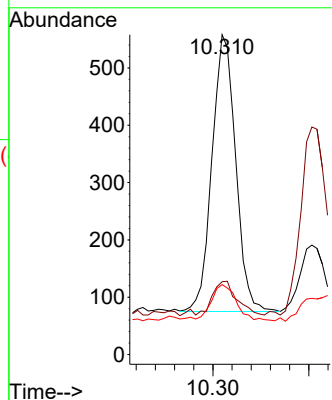
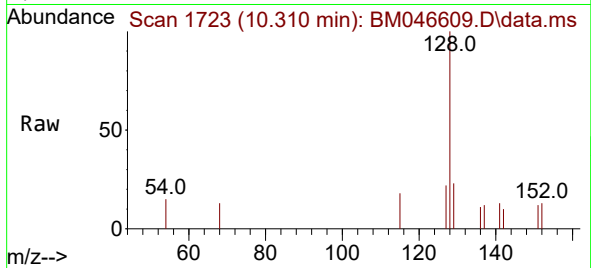




#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.310 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

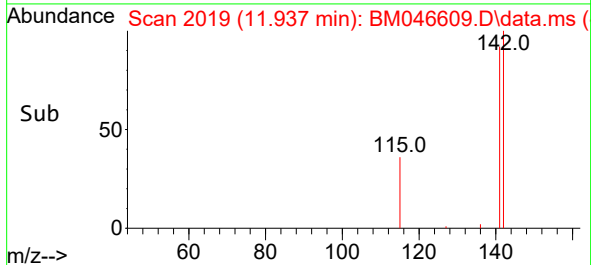
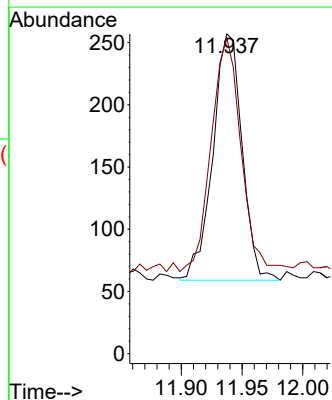
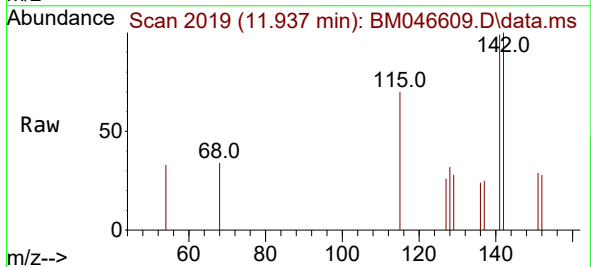
Instrument :
BNA_M
ClientSampleId :

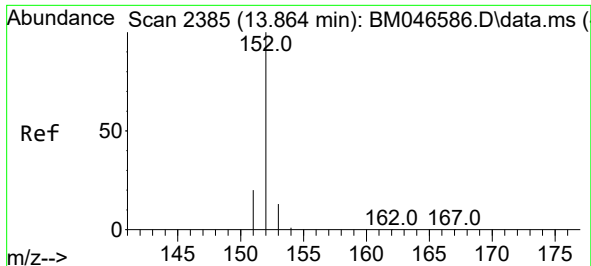
Tgt Ion:128 Resp: 828
Ion Ratio Lower Upper
128 100
129 22.8 10.3 15.5#
127 21.9 12.2 18.4#



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

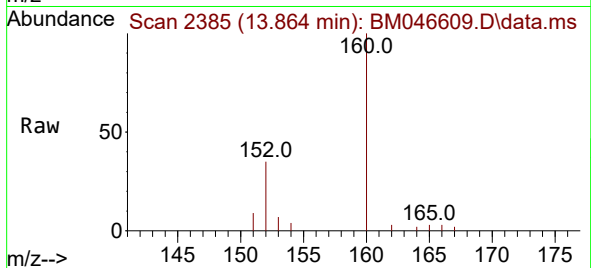
Tgt Ion:142 Resp: 332
Ion Ratio Lower Upper
142 100
141 97.6 70.3 105.5



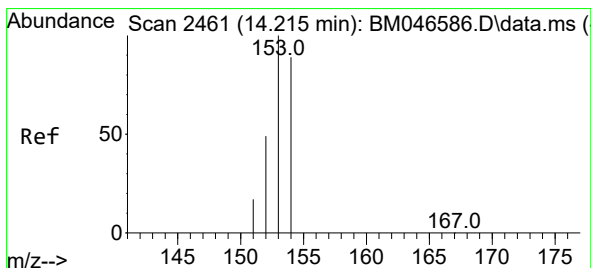
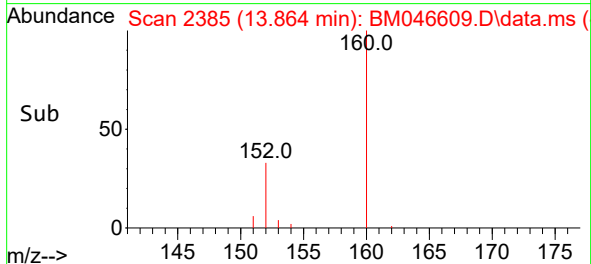
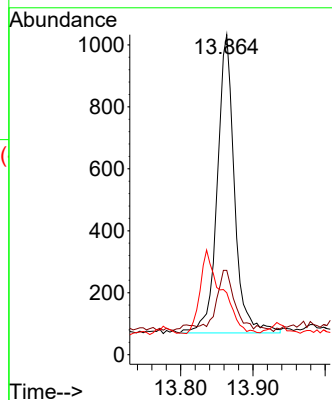


#10
Acenaphthylene
Concen: 0.084 ng/ul
RT: 13.864 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

Instrument :
BNA_M
ClientSampleId :

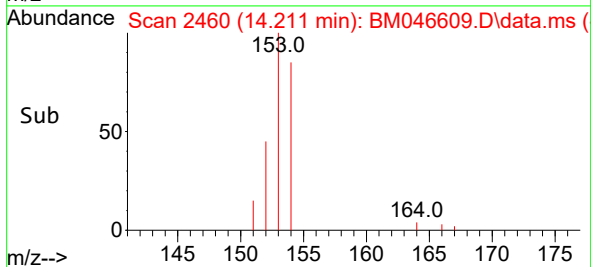
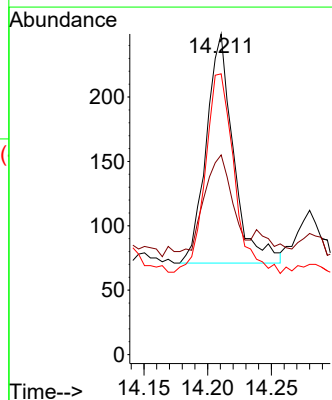
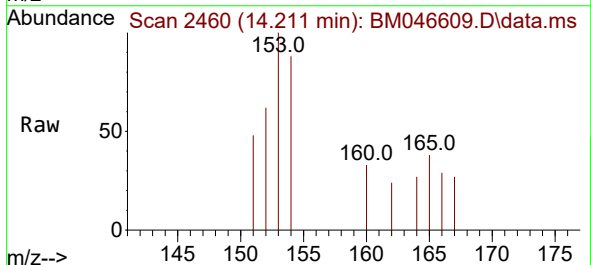


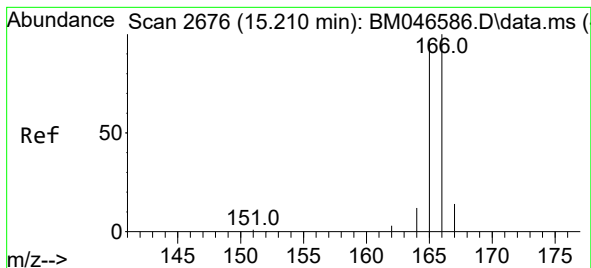
Tgt Ion:152 Resp: 1592
Ion Ratio Lower Upper
152 100
151 26.3 16.4 24.6#
153 19.4 12.4 18.6#



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

Tgt Ion:153 Resp: 264
Ion Ratio Lower Upper
153 100
152 62.2 43.0 64.6
154 87.6 69.9 104.9





#12

Fluorene

Concen: 0.035 ng/ul

RT: 15.205 min Scan# 2

Delta R.T. -0.000 min

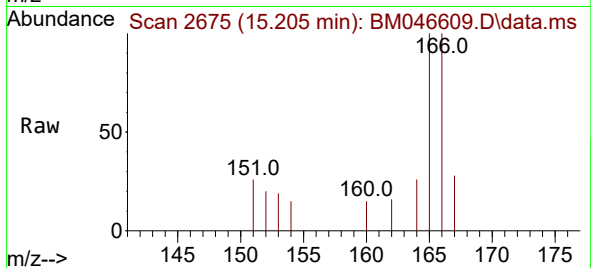
Lab File: BM046609.D

Acq: 15 Jul 2024 23:09

Instrument :

BNA_M

ClientSampleId :



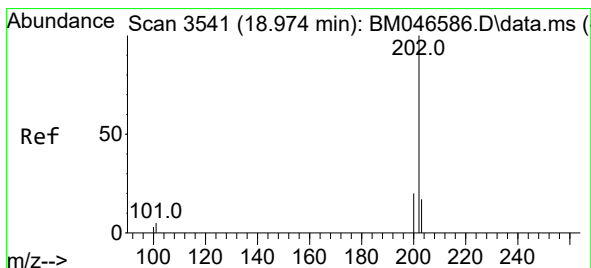
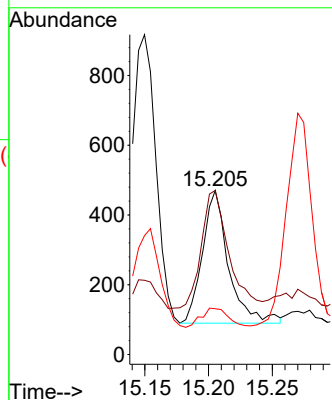
Tgt Ion:166 Resp: 543

Ion Ratio Lower Upper

166 100

165 100.0 76.1 114.1

167 27.9 12.5 18.7#



#19

Fluoranthene

Concen: 0.600 ng/ul

RT: 18.970 min Scan# 3540

Delta R.T. -0.000 min

Lab File: BM046609.D

Acq: 15 Jul 2024 23:09

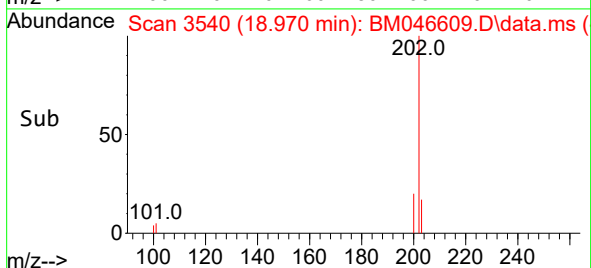
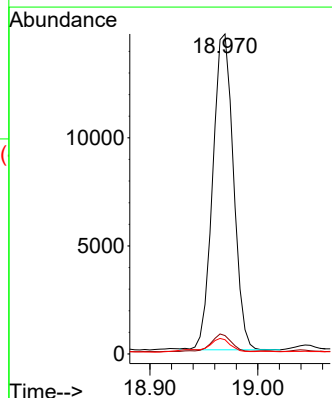
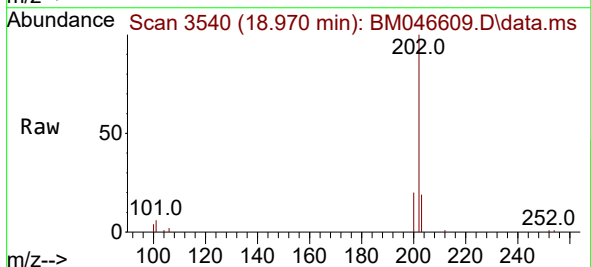
Tgt Ion:202 Resp: 19502

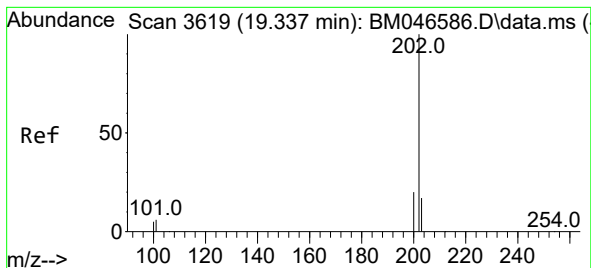
Ion Ratio Lower Upper

202 100

101 5.8 4.6 6.8

100 4.5 3.0 4.6





#20

Pyrene

Concen: 0.579 ng/ul

RT: 19.332 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM046609.D

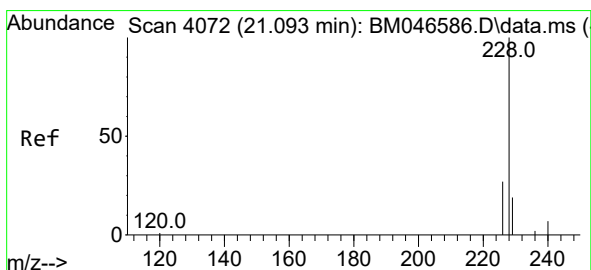
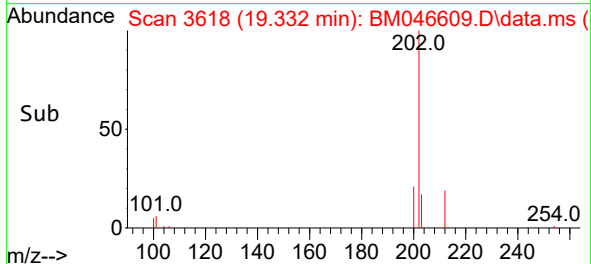
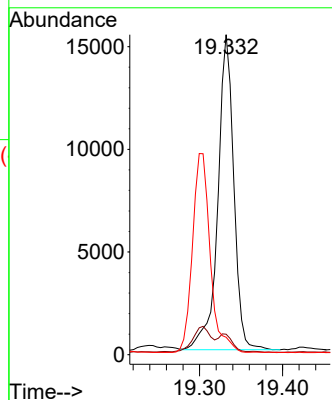
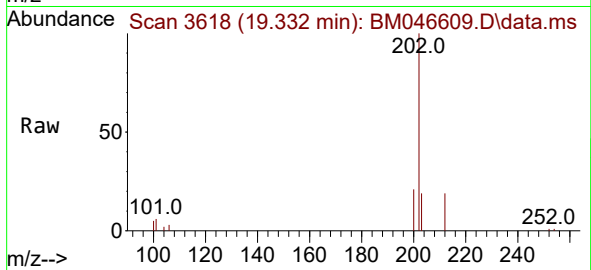
Acq: 15 Jul 2024 23:09

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:202	Resp:	20384
Ion Ratio	Lower	Upper
202	100	
101	6.4	5.1 7.7
100	5.5	3.8 5.6



#21

Benzo(a)anthracene

Concen: 0.300 ng/ul

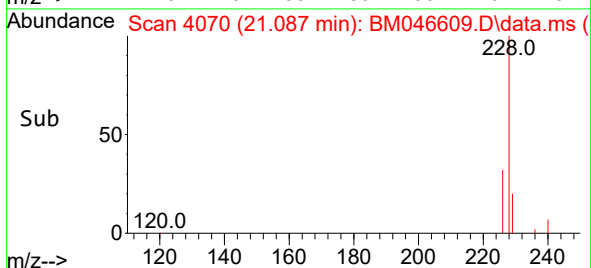
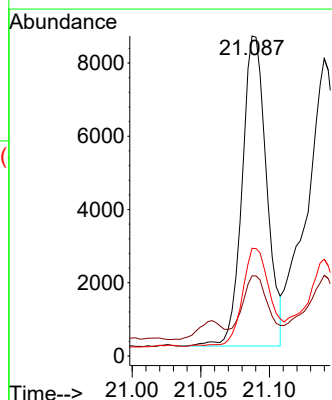
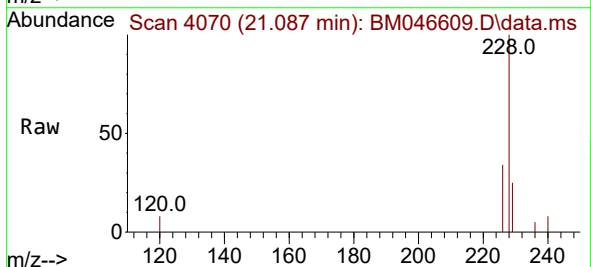
RT: 21.087 min Scan# 4070

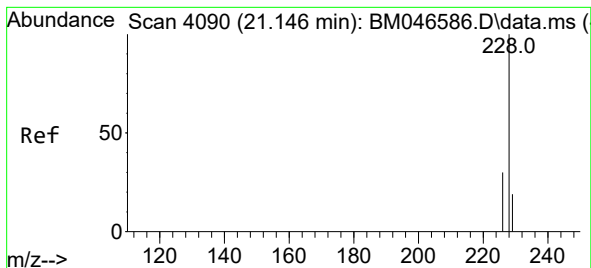
Delta R.T. -0.000 min

Lab File: BM046609.D

Acq: 15 Jul 2024 23:09

Tgt Ion:228	Resp:	10486
Ion Ratio	Lower	Upper
228	100	
229	25.0	16.5 24.7#
226	33.7	22.5 33.7





#22

Chrysene

Concen: 0.364 ng/ul

RT: 21.140 min Scan# 4088

Delta R.T. -0.000 min

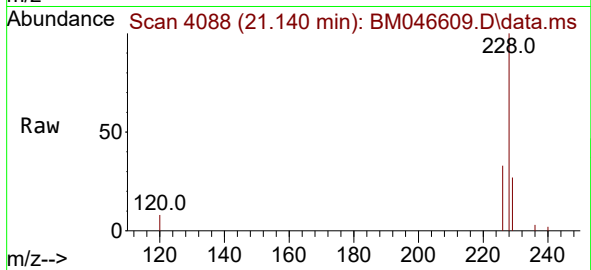
Lab File: BM046609.D

Acq: 15 Jul 2024 23:09

Instrument :

BNA_M

ClientSampleId :



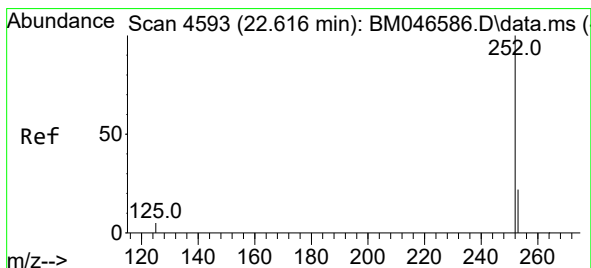
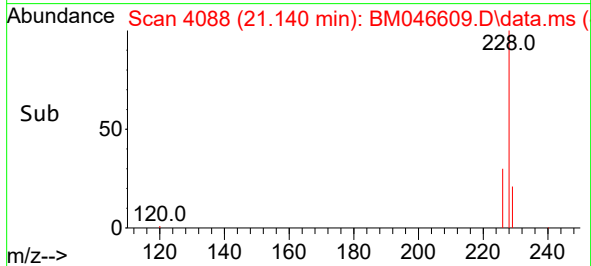
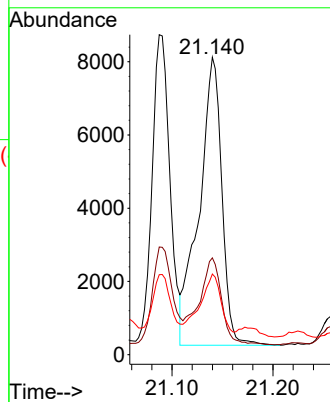
Tgt Ion:228 Resp: 12339

Ion Ratio Lower Upper

228 100

226 32.5 24.3 36.5

229 27.1 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.615 ng/ul

RT: 22.610 min Scan# 4591

Delta R.T. -0.000 min

Lab File: BM046609.D

Acq: 15 Jul 2024 23:09

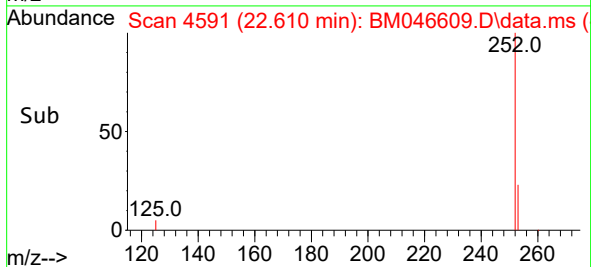
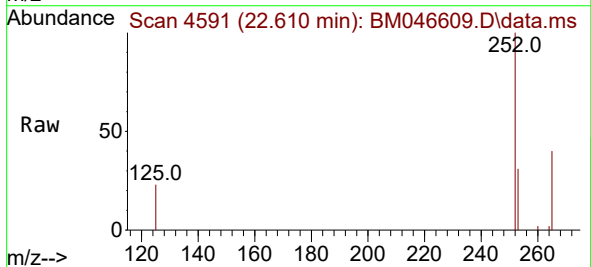
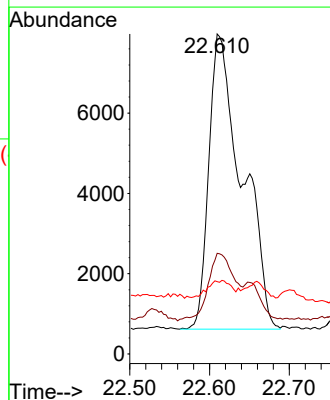
Tgt Ion:252 Resp: 21221

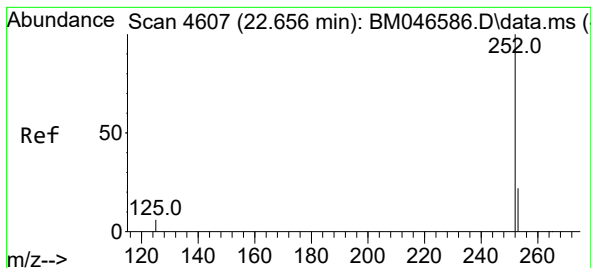
Ion Ratio Lower Upper

252 100

253 31.4 0.0 56.2

125 22.6 0.0 17.8#





#25

Benzo(k)fluoranthene

Concen: 0.626 ng/ul

RT: 22.610 min Scan# 4

Delta R.T. -0.041 min

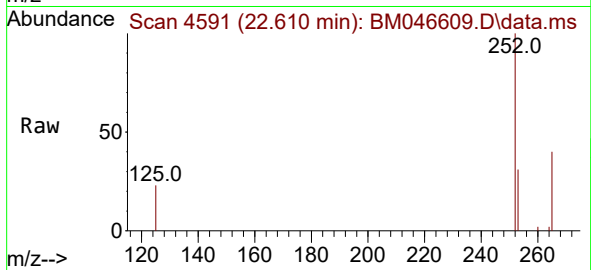
Lab File: BM046609.D

Acq: 15 Jul 2024 23:09

Instrument :

BNA_M

ClientSampleId :



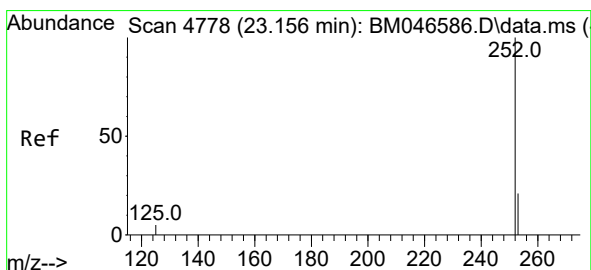
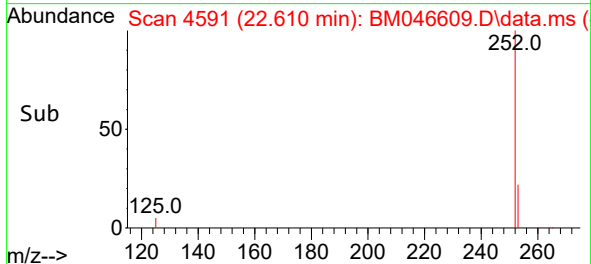
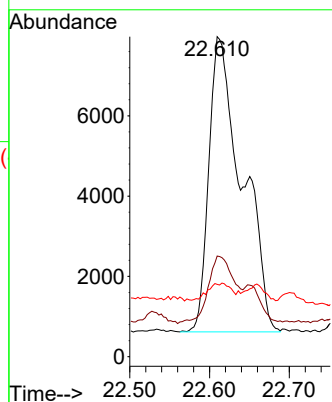
Tgt Ion:252 Resp: 21221

Ion Ratio Lower Upper

252 100

253 31.4 22.4 33.6

125 22.6 7.0 10.4#



#26

Benzo(a)pyrene

Concen: 0.359 ng/ul

RT: 23.153 min Scan# 4777

Delta R.T. 0.003 min

Lab File: BM046609.D

Acq: 15 Jul 2024 23:09

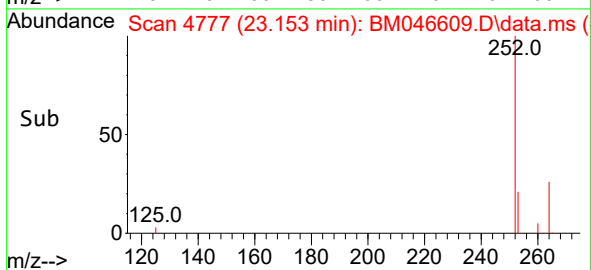
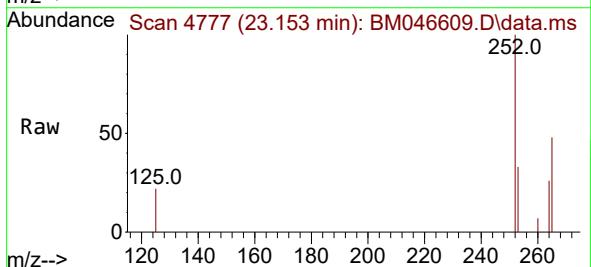
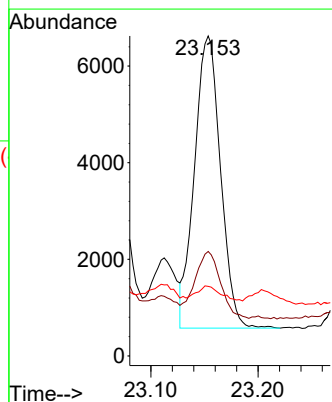
Tgt Ion:252 Resp: 10199

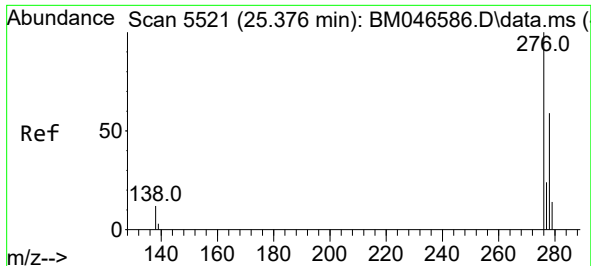
Ion Ratio Lower Upper

252 100

253 32.7 24.0 36.0

125 21.8 8.2 12.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.191 ng/ul

RT: 25.363 min Scan# 5517

Delta R.T. 0.003 min

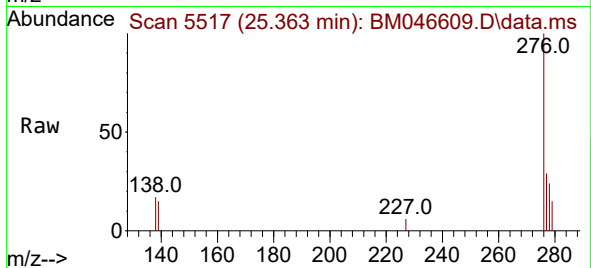
Lab File: BM046609.D

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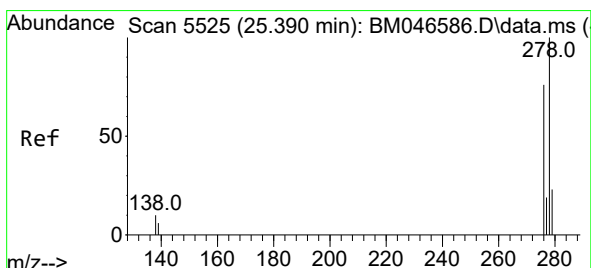
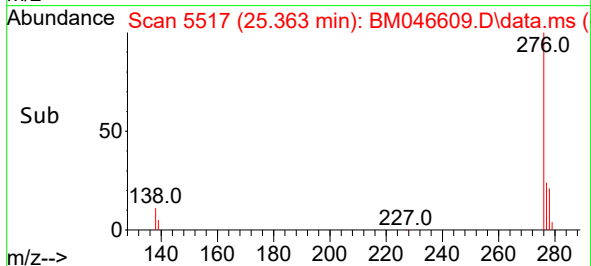
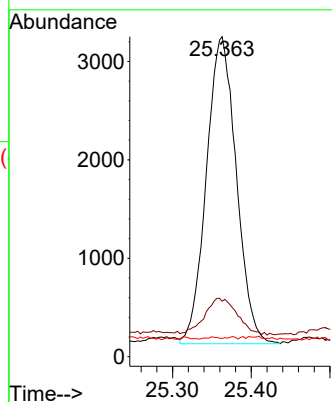
Tgt Ion:276 Resp: 8253

Ion Ratio Lower Upper

276 100

138 12.9 0.0 0.0#

227 0.3 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.064 ng/ul

RT: 25.376 min Scan# 5521

Delta R.T. -0.007 min

Lab File: BM046609.D

Acq: 15 Jul 2024 23:09

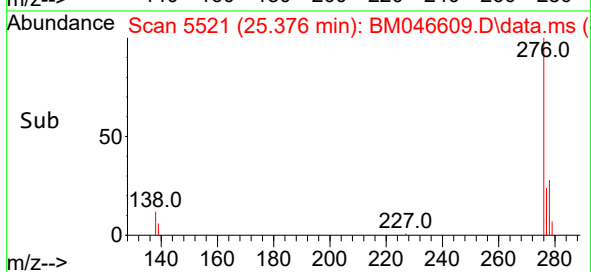
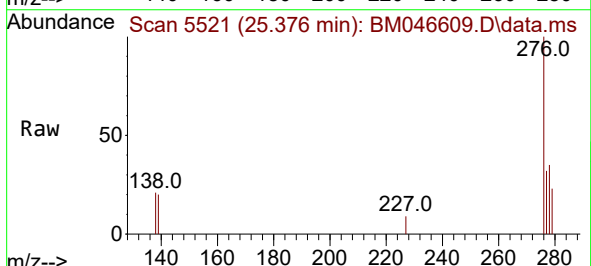
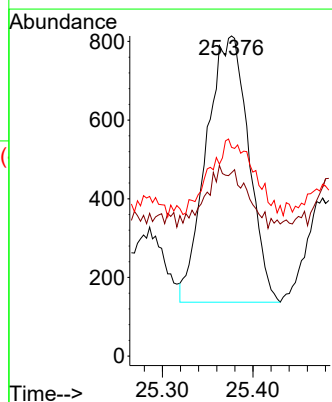
Tgt Ion:278 Resp: 2192

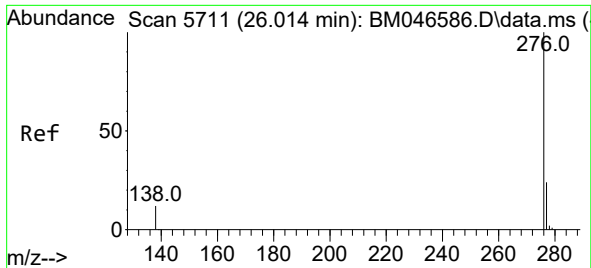
Ion Ratio Lower Upper

278 100

139 57.2 9.1 13.7#

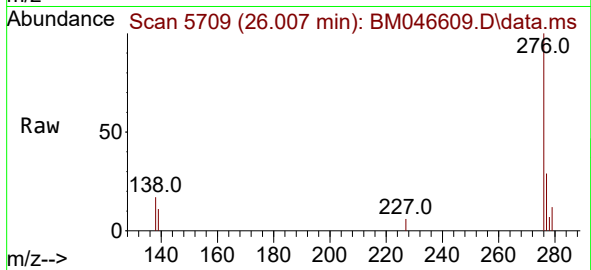
279 65.2 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.242 ng/ul
RT: 26.007 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:	276	Resp:	8344
Ion	Ratio	Lower	Upper
276	100		
138	16.7	10.2	15.4#
277	29.3	20.9	31.3

