

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046610.D
 Acq On : 15 Jul 2024 23:46
 Operator : MA/JU
 Sample : P3087-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BR5

Quant Time: Jul 16 00:26:02 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)

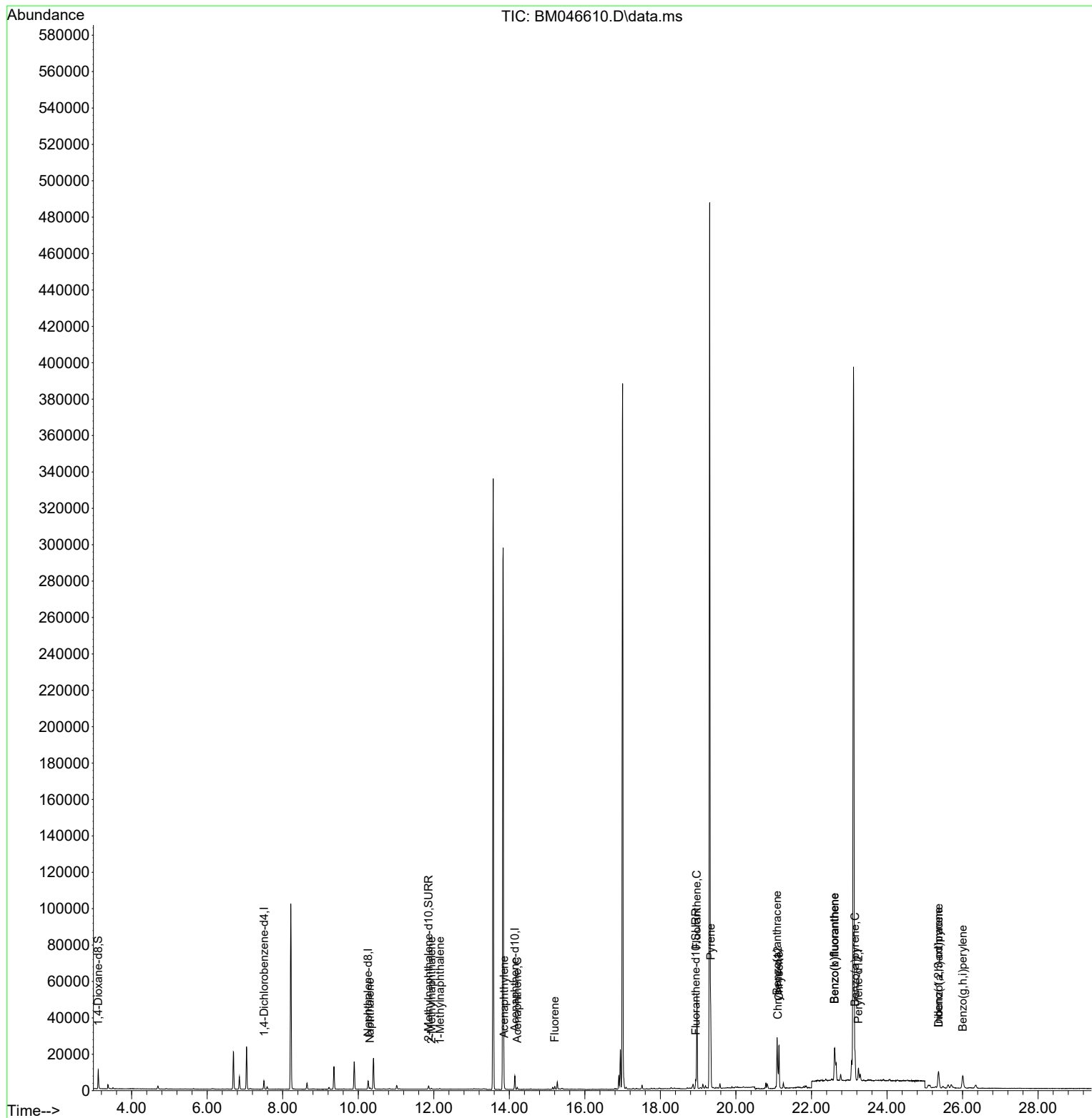
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	2246	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	6056	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.146	164	4103	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.90
17) Chrysene-d12	21.105	240	7872	0.400	ng/ul	0.00
23) Perylene-d12	23.244	264	8358	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	6313	3.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	2257	0.231	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	5373	0.224	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.309	128	997	0.065	ng/ul#	84
7) 2-Methylnaphthalene	11.937	142	345	0.032	ng/ul	93
8) 1-Methylnaphthalene	12.163	142	280	0.025	ng/ul	100
10) Acenaphthylene	13.864	152	2008	0.108	ng/ul	93
11) Acenaphthene	14.211	153	710	0.057	ng/ul	98
12) Fluorene	15.201	166	1032	0.067	ng/ul#	94
19) Fluoranthene	18.965	202	45377	1.403	ng/ul	99
20) Pyrene	19.332	202	40409	1.154	ng/ul	99
21) Benzo(a)anthracene	21.087	228	21116	0.606	ng/ul	96
22) Chrysene	21.140	228	22607	0.671	ng/ul	97
24) Benzo(b)fluoranthene	22.612	252	39857	1.194	ng/ul	97
25) Benzo(k)fluoranthene	22.612	252	39857	1.216	ng/ul#	97
26) Benzo(a)pyrene	23.150	252	18894	0.688	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.359	276	14560	0.348	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.366	278	3522	0.106	ng/ul#	56
29) Benzo(g,h,i)perylene	26.003	276	14224	0.426	ng/ul	98

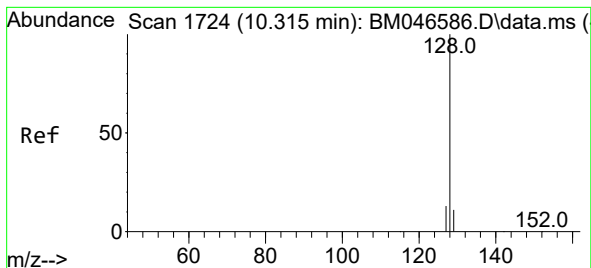
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 00:26:02 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: 0.065 ng/ul

RT: 10.309 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM046610.D

Acq: 15 Jul 2024 23:46

Instrument :

BNA_M

ClientSampleId :

A4BR5

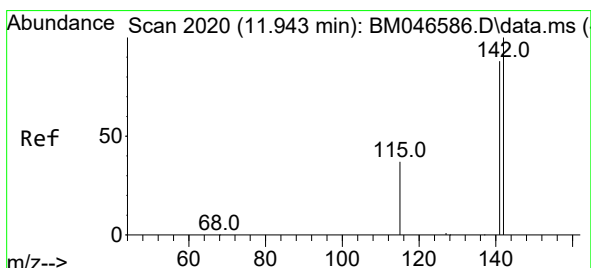
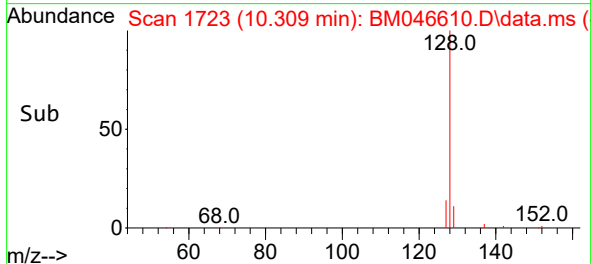
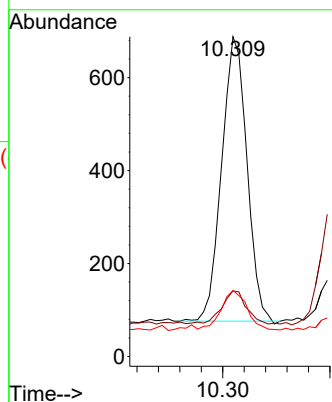
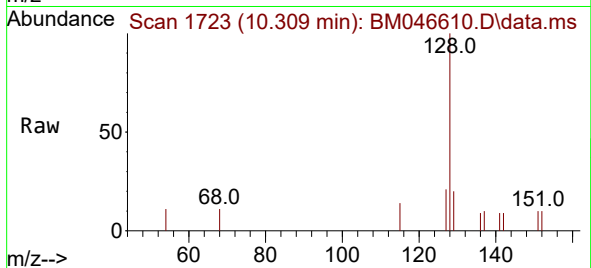
Tgt Ion:128 Resp: 997

Ion Ratio Lower Upper

128 100

129 20.5 10.3 15.5#

127 20.6 12.2 18.4#



#7

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 11.937 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BM046610.D

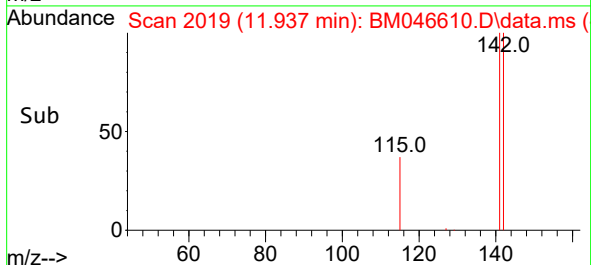
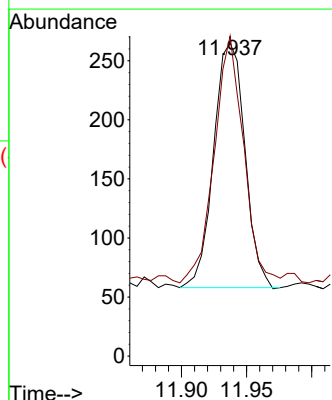
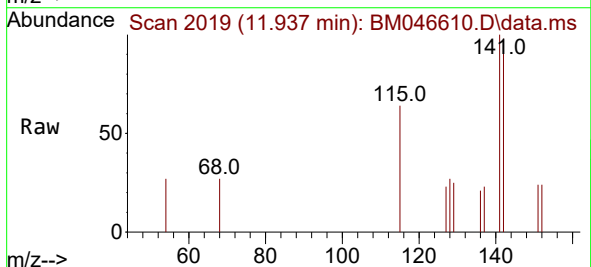
Acq: 15 Jul 2024 23:46

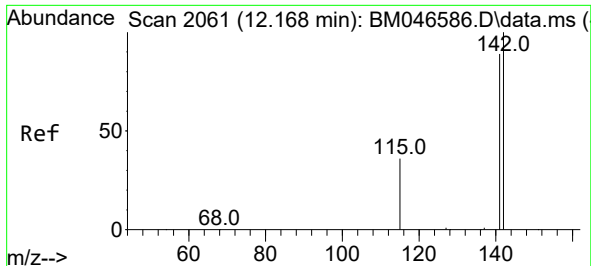
Tgt Ion:142 Resp: 345

Ion Ratio Lower Upper

142 100

141 94.5 70.3 105.5

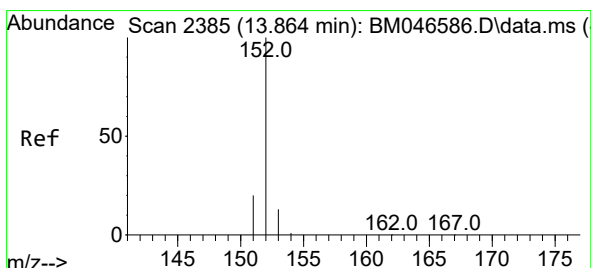
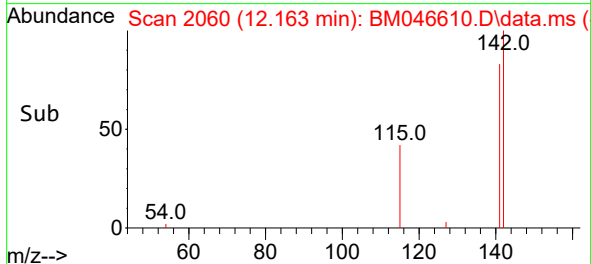
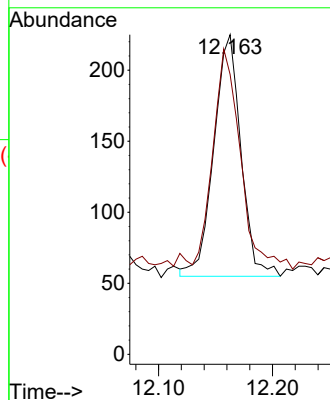
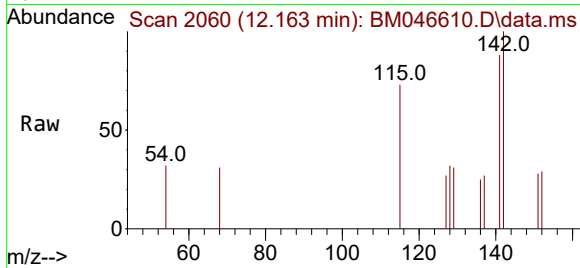




#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.163 min Scan# 2060
Delta R.T. -0.001 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

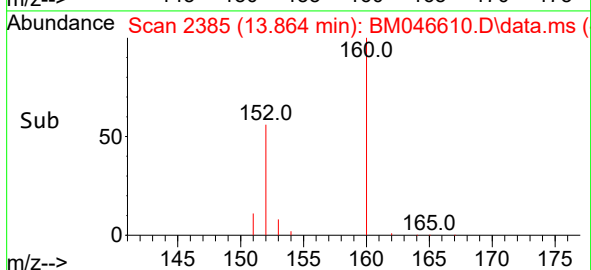
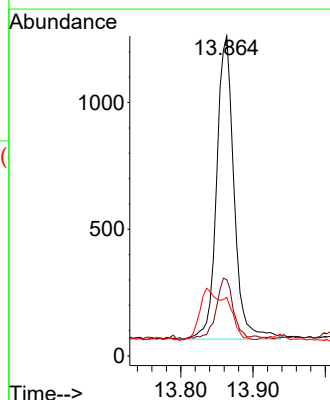
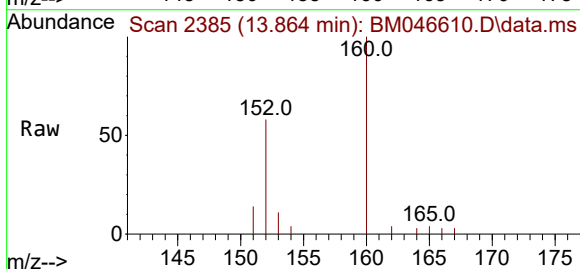
Instrument :
BNA_M
ClientSampleId :
A4BR5

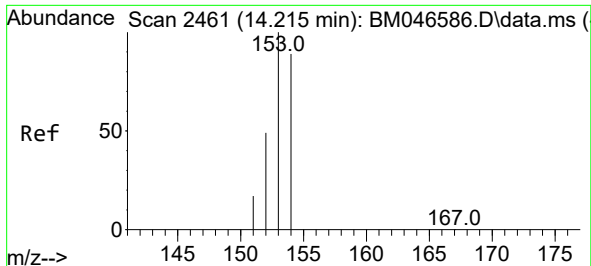
Tgt Ion:142 Resp: 280
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9



#10
Acenaphthylene
Concen: 0.108 ng/ul
RT: 13.864 min Scan# 2385
Delta R.T. -0.001 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

Tgt Ion:152 Resp: 2008
Ion Ratio Lower Upper
152 100
151 23.8 16.4 24.6
153 18.3 12.4 18.6

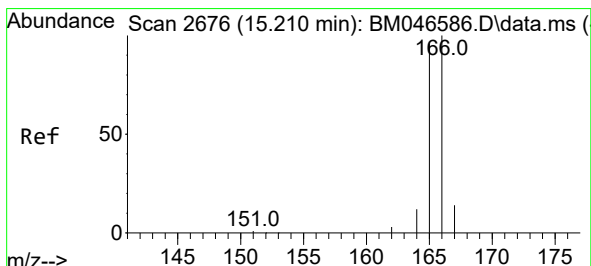
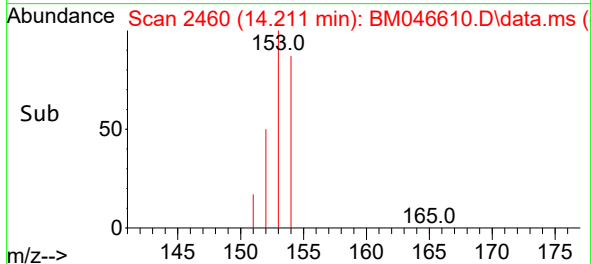
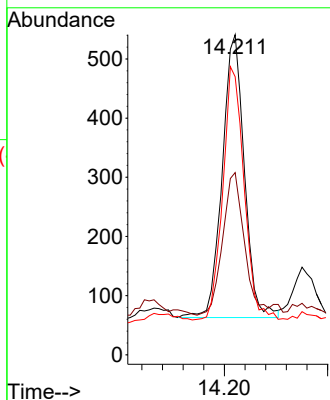
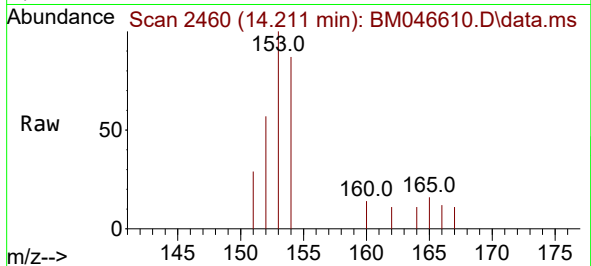




#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

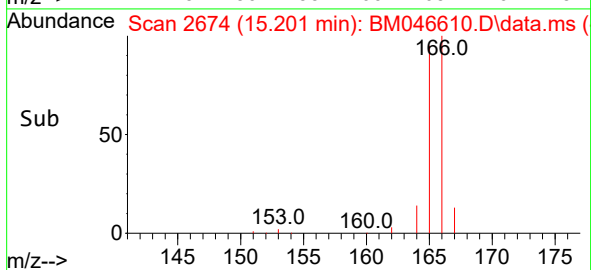
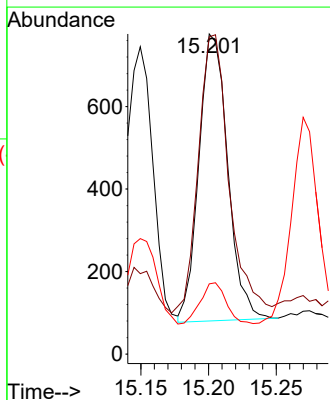
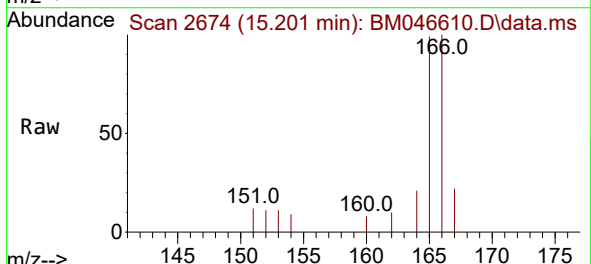
Instrument :
BNA_M
ClientSampleId :
A4BR5

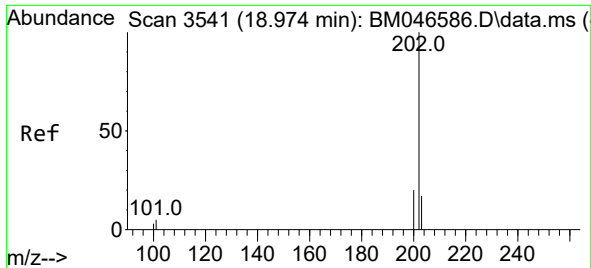
Tgt Ion:153 Resp: 710
Ion Ratio Lower Upper
153 100
152 56.9 43.0 64.6
154 86.9 69.9 104.9



#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.201 min Scan# 2674
Delta R.T. -0.005 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

Tgt Ion:166 Resp: 1032
Ion Ratio Lower Upper
166 100
165 99.1 76.1 114.1
167 21.9 12.5 18.7#

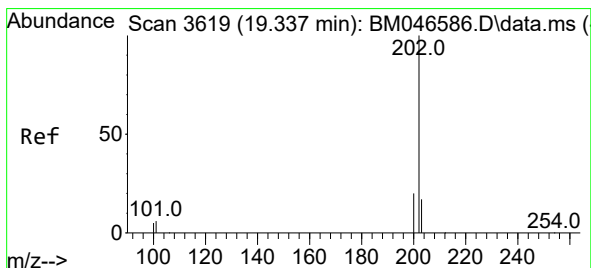
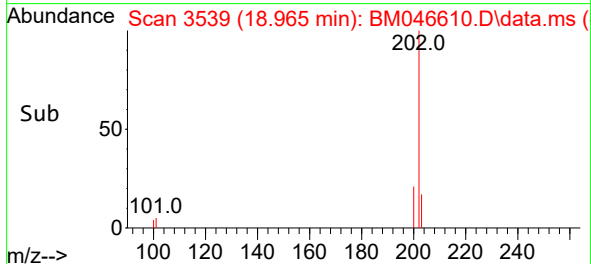
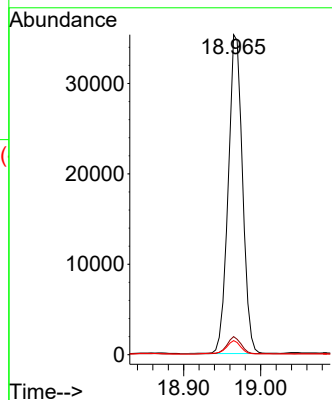
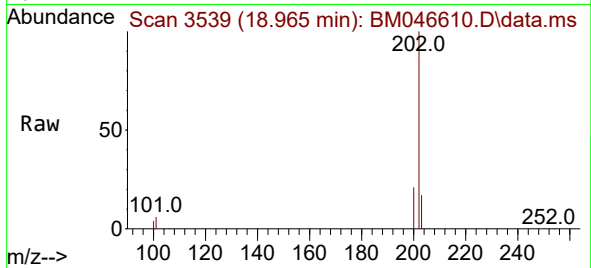




#19
Fluoranthene
Concen: 1.403 ng/ul
RT: 18.965 min Scan# 3539
Delta R.T. -0.005 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

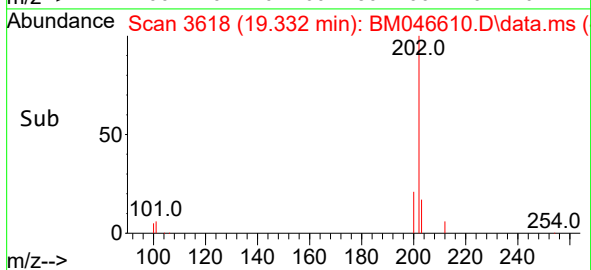
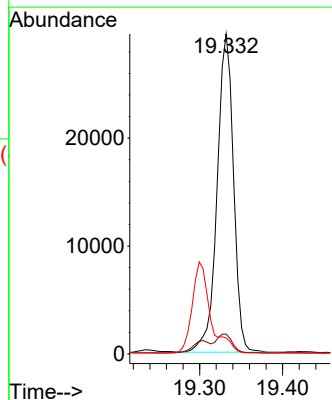
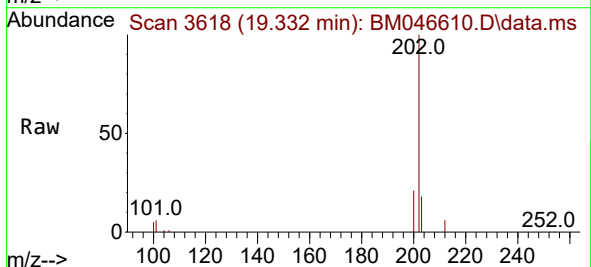
Instrument :
BNA_M
ClientSampleId :
A4BR5

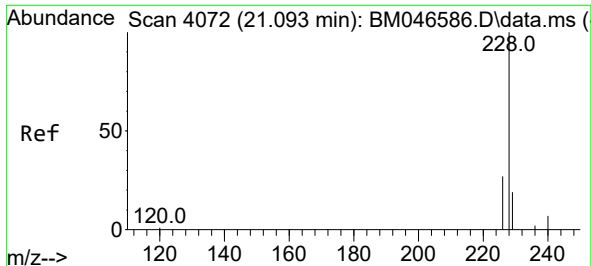
Tgt Ion:202 Resp: 45377
Ion Ratio Lower Upper
202 100
101 5.7 4.6 6.8
100 4.4 3.0 4.6



#20
Pyrene
Concen: 1.154 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.001 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

Tgt Ion:202 Resp: 40409
Ion Ratio Lower Upper
202 100
101 6.2 5.1 7.7
100 5.0 3.8 5.6

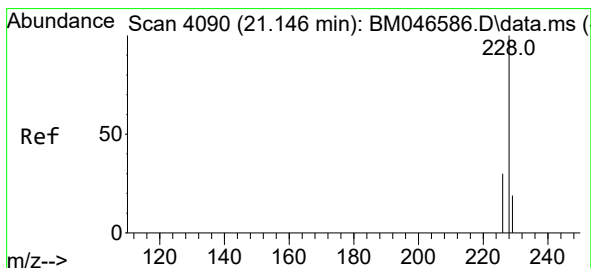
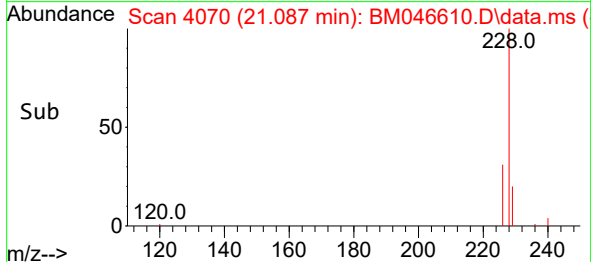
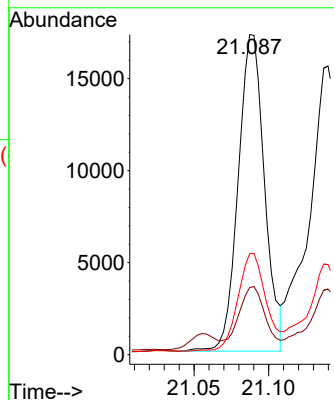
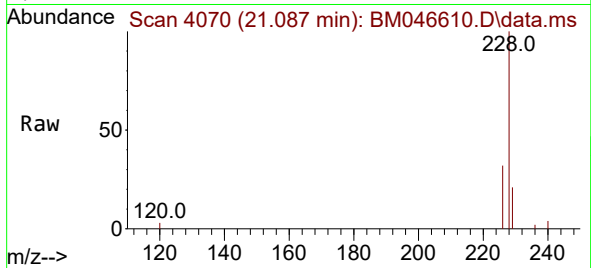




#21
Benzo(a)anthracene
Concen: 0.606 ng/ul
RT: 21.087 min Scan# 4070
Delta R.T. -0.000 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

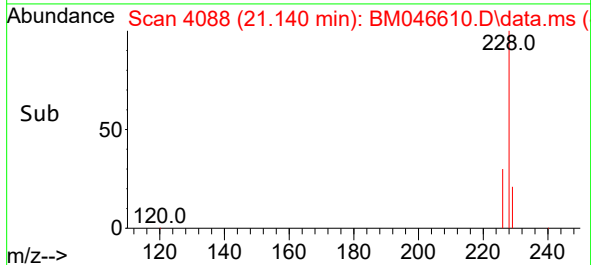
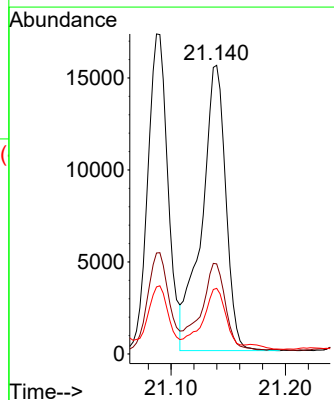
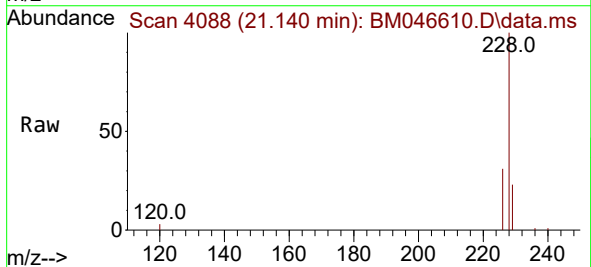
Instrument :
BNA_M
ClientSampleId :
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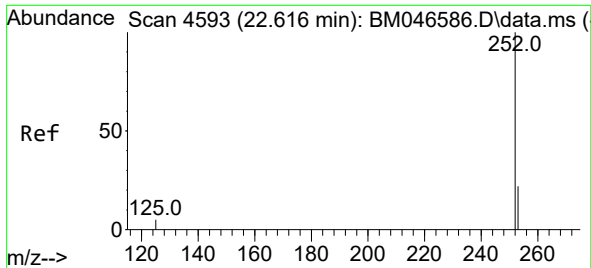
Tgt Ion:228 Resp: 21116
Ion Ratio Lower Upper
228 100
229 20.9 16.5 24.7
226 31.5 22.5 33.7



#22
Chrysene
Concen: 0.671 ng/ul
RT: 21.140 min Scan# 4088
Delta R.T. -0.000 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

Tgt Ion:228 Resp: 22607
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 22.7 16.4 24.6

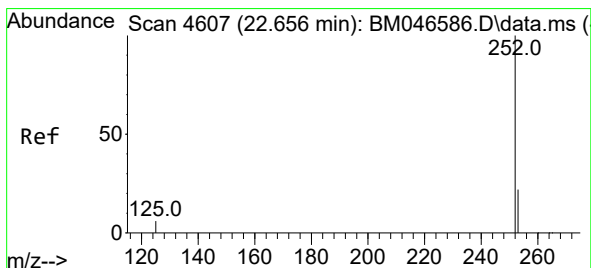
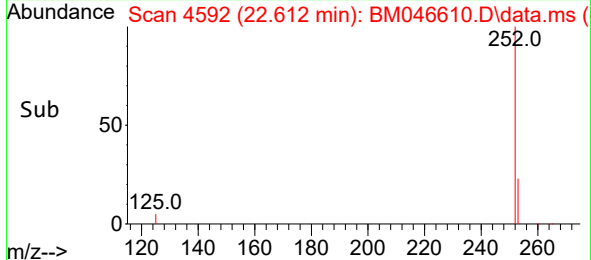
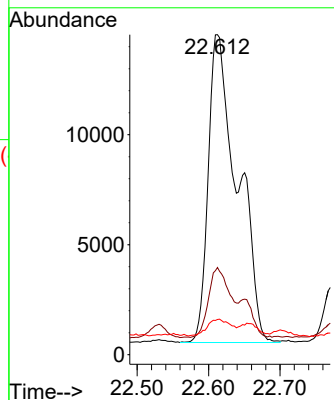
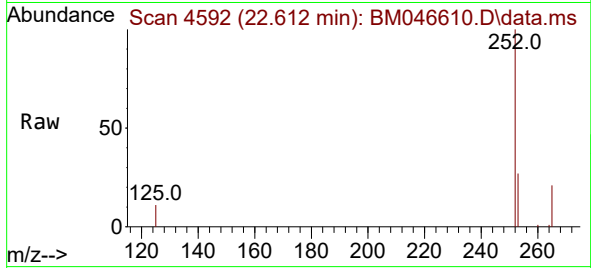




#24
Benzo(b)fluoranthene
Concen: 1.194 ng/ul
RT: 22.612 min Scan# 4592
Delta R.T. 0.002 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

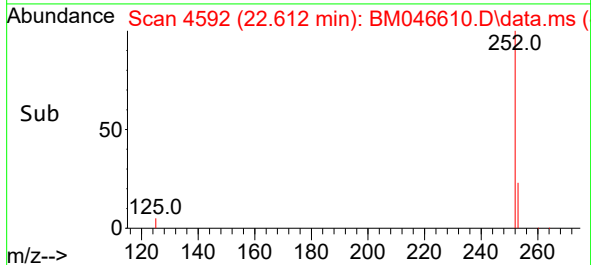
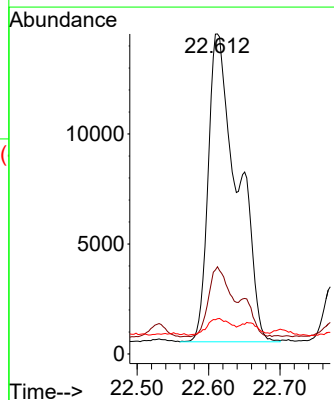
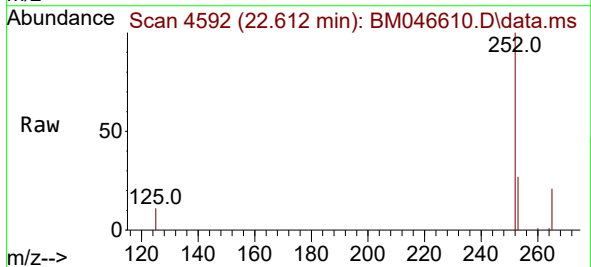
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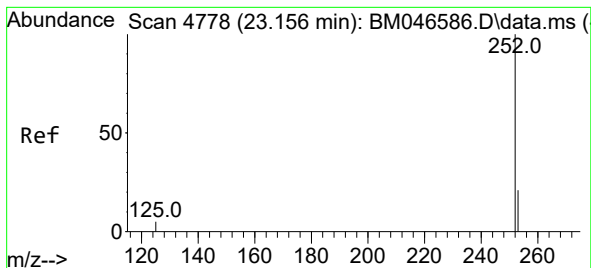
Tgt Ion:252 Resp: 39857
Ion Ratio Lower Upper
252 100
253 27.2 0.0 56.2
125 11.0 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 1.216 ng/ul
RT: 22.612 min Scan# 4592
Delta R.T. -0.039 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

Tgt Ion:252 Resp: 39857
Ion Ratio Lower Upper
252 100
253 27.2 22.4 33.6
125 11.0 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.688 ng/ul

RT: 23.150 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM046610.D

Acq: 15 Jul 2024 23:46

Instrument :

BNA_M

ClientSampleId :

A4BR5

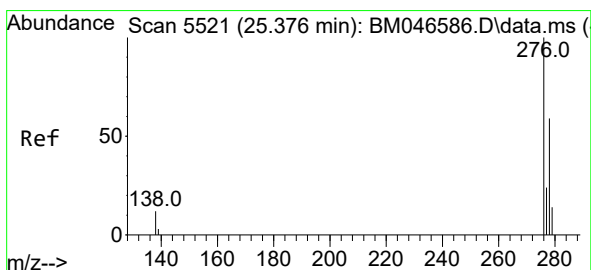
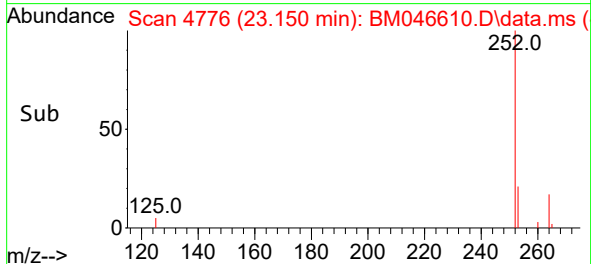
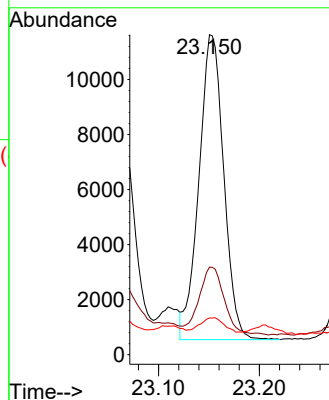
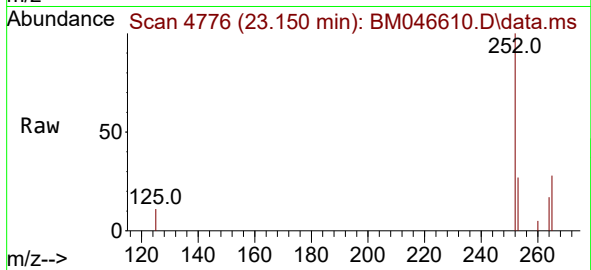
Tgt Ion:252 Resp: 18894

Ion Ratio Lower Upper

252 100

253 27.4 24.0 36.0

125 11.5 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.348 ng/ul

RT: 25.359 min Scan# 5516

Delta R.T. -0.001 min

Lab File: BM046610.D

Acq: 15 Jul 2024 23:46

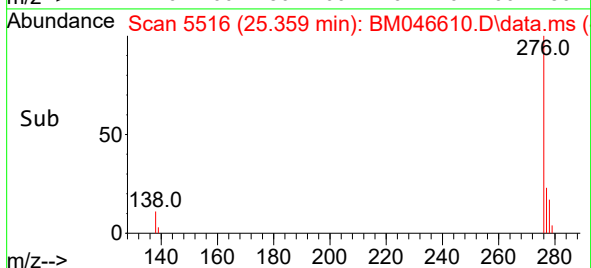
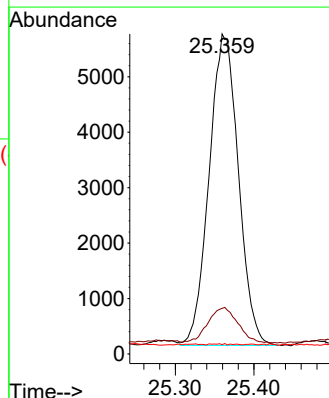
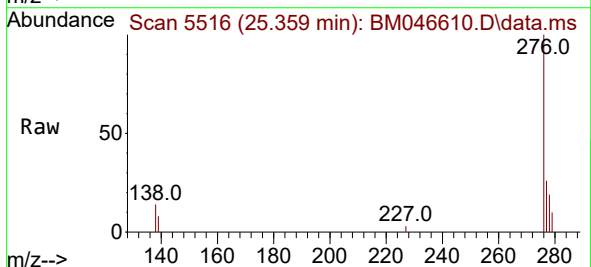
Tgt Ion:276 Resp: 14560

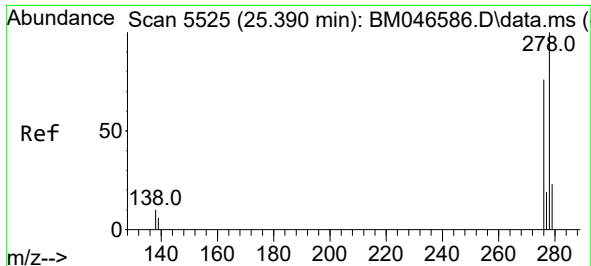
Ion Ratio Lower Upper

276 100

138 11.8 0.0 0.0#

227 0.2 0.2 0.2

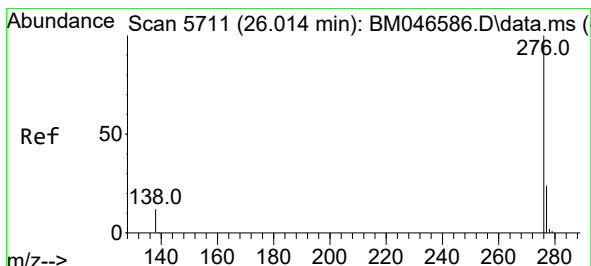
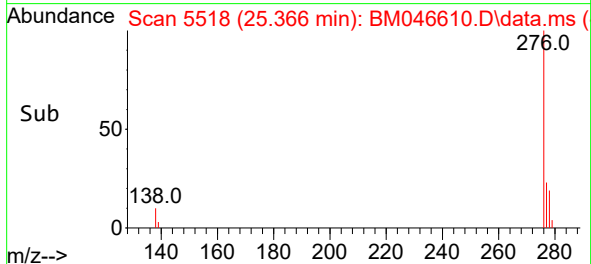
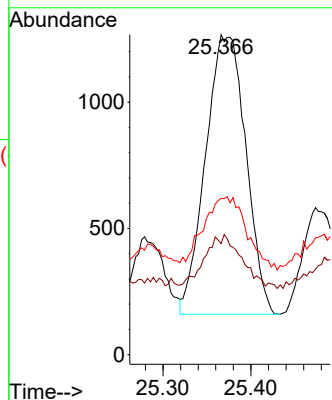
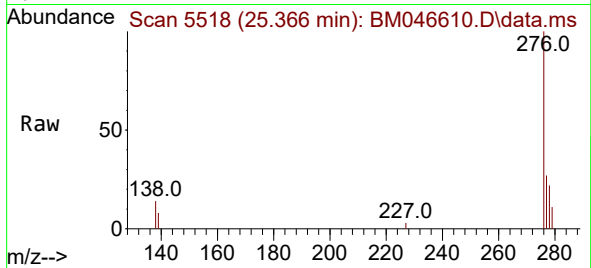




#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 25.366 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

Instrument :
BNA_M
ClientSampleId :
A4BR5

Tgt Ion:278 Resp: 3522
Ion Ratio Lower Upper
278 100
139 34.7 9.1 13.7#
279 48.9 23.2 34.8#



#29
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 26.003 min Scan# 5708
Delta R.T. -0.001 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

Tgt Ion:276 Resp: 14224
Ion Ratio Lower Upper
276 100
138 14.6 10.2 15.4
277 26.4 20.9 31.3

