

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046646.D
 Acq On : 16 Jul 2024 23:10
 Operator : MA/JU
 Sample : P3177-18
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BY6

Quant Time: Jul 17 00:40:35 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)

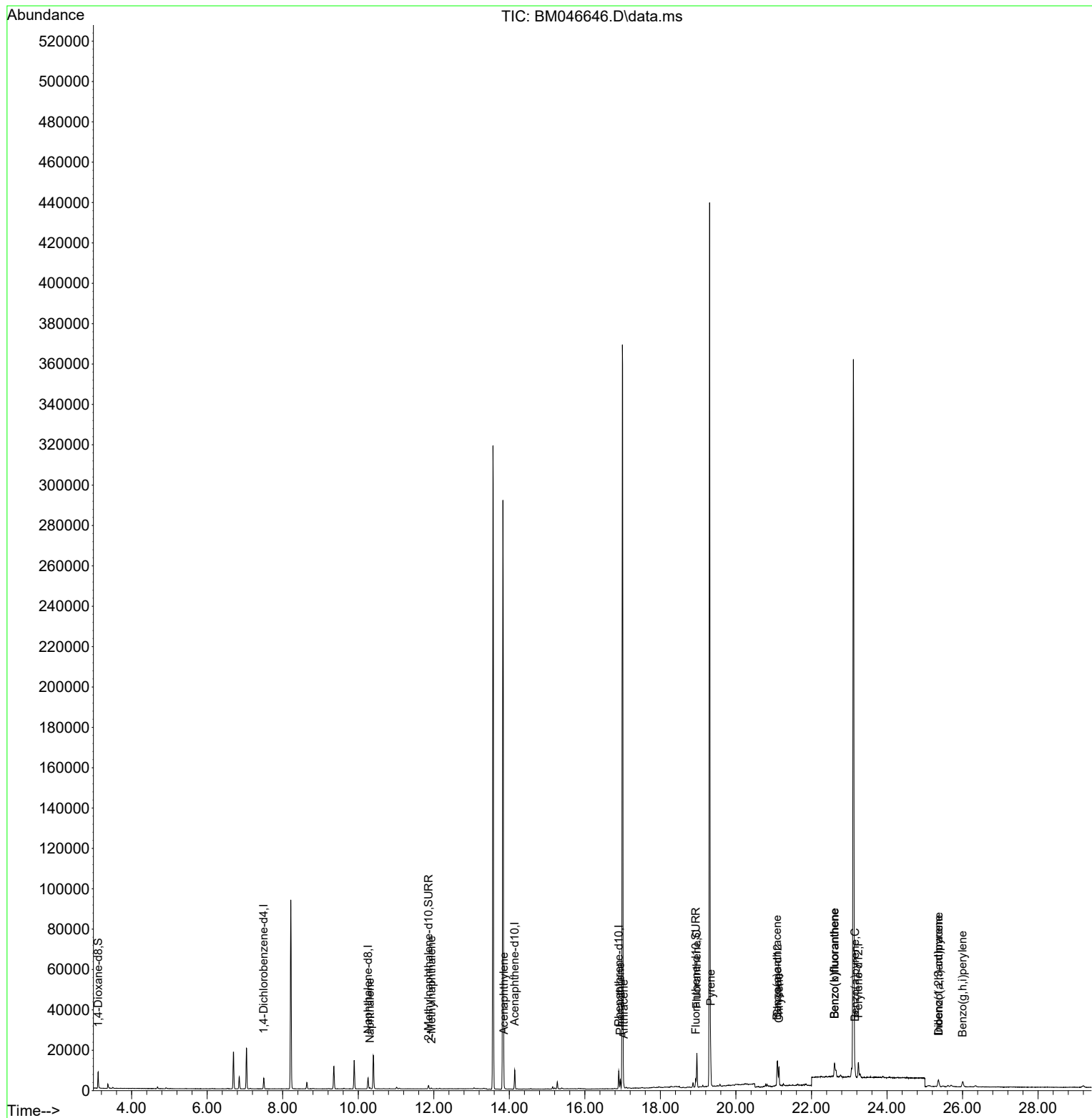
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.497	152	2585	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.260	136	7301	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.141	164	5108	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.896	188	11006	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	8744	0.400	ng/ul	# 0.00
23) Perylene-d12	23.241	264	9293	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	4839	2.278	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	2127	0.181	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	5114	0.192	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.310	128	743	0.040	ng/ul#	77
7) 2-Methylnaphthalene	11.937	142	295	0.023	ng/ul	99
10) Acenaphthylene	13.859	152	1206	0.052	ng/ul#	84
15) Phenanthrene	16.939	178	4802	0.153	ng/ul#	94
16) Anthracene	17.027	178	1353	0.044	ng/ul#	82
19) Fluoranthene	18.965	202	15109	0.421	ng/ul	98
20) Pyrene	19.332	202	16622	0.427	ng/ul	99
21) Benzo(a)anthracene	21.087	228	6965	0.180	ng/ul#	86
22) Chrysene	21.140	228	10170	0.272	ng/ul#	90
24) Benzo(b)fluoranthene	22.610	252	14353	0.387	ng/ul#	73
25) Benzo(k)fluoranthene	22.610	252	14353	0.394	ng/ul#	73
26) Benzo(a)pyrene	23.151	252	6284	0.206	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.360	276	5308	0.114	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.366	278	1407	0.038	ng/ul#	1
29) Benzo(g,h,i)perylene	26.000	276	5308	0.143	ng/ul#	82

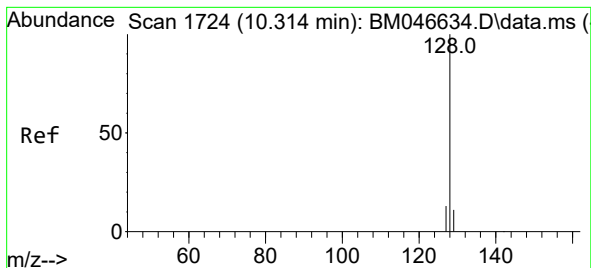
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 17 00:40:35 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: 0.040 ng/ul

RT: 10.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM046646.D

Acq: 16 Jul 2024 23:10

Instrument :

BNA_M

ClientSampleId :

A4BY6

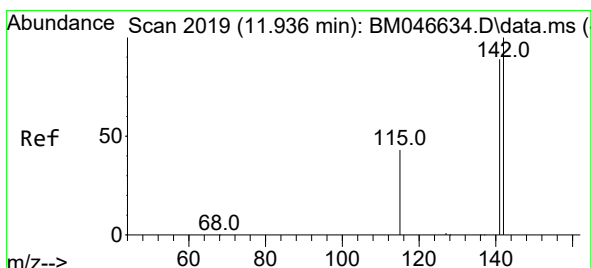
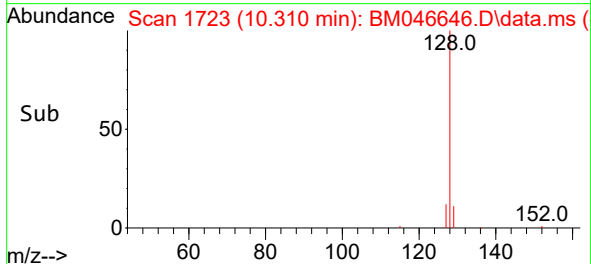
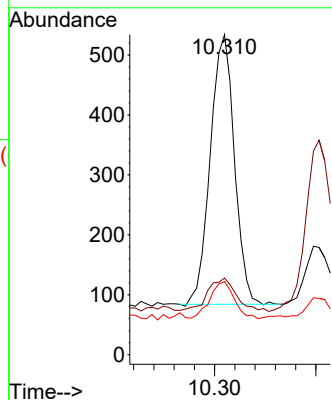
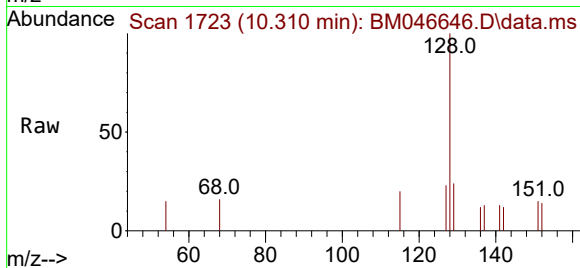
Tgt Ion:128 Resp: 743

Ion Ratio Lower Upper

128 100

129 24.0 10.3 15.5#

127 22.8 12.2 18.4#



#7

2-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 11.937 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BM046646.D

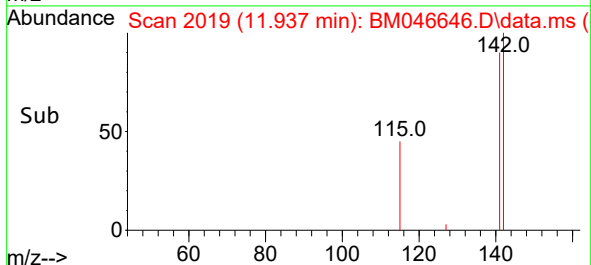
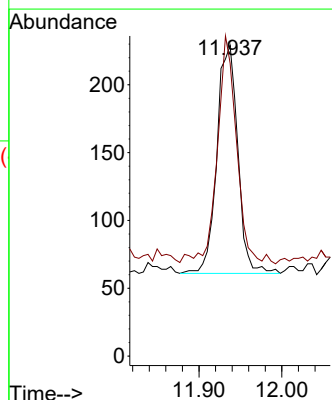
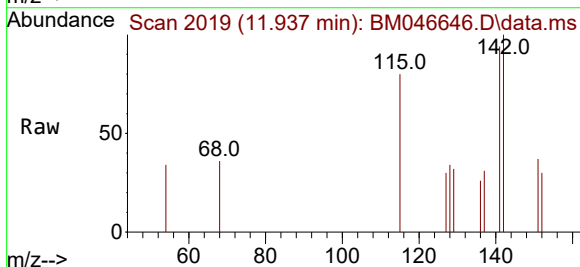
Acq: 16 Jul 2024 23:10

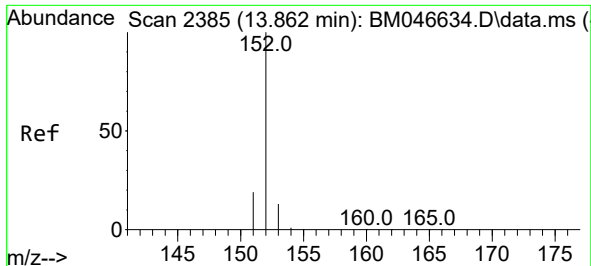
Tgt Ion:142 Resp: 295

Ion Ratio Lower Upper

142 100

141 86.8 70.3 105.5

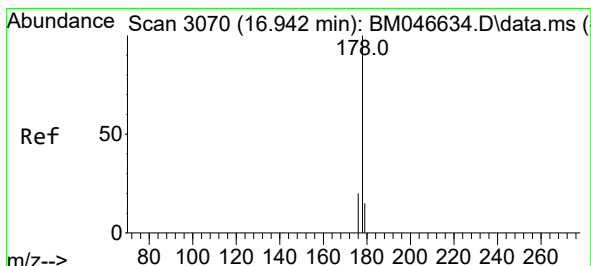
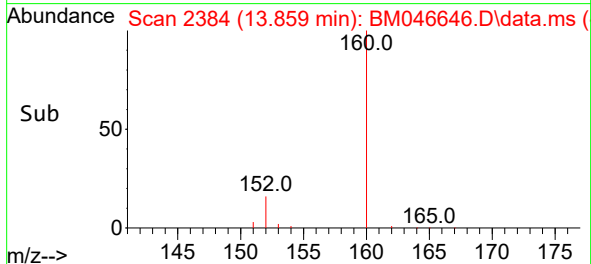
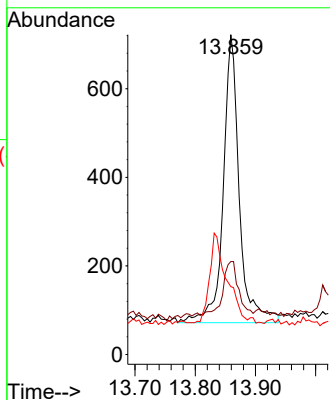
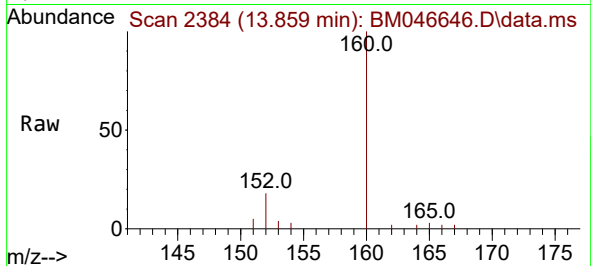




#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 13.859 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046646.D
Acq: 16 Jul 2024 23:10

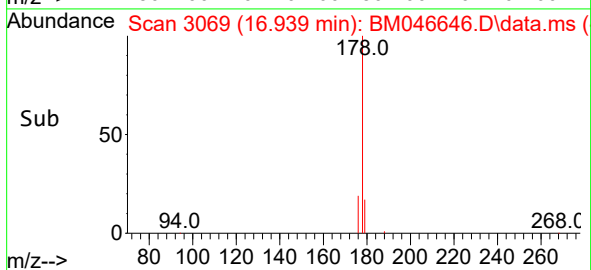
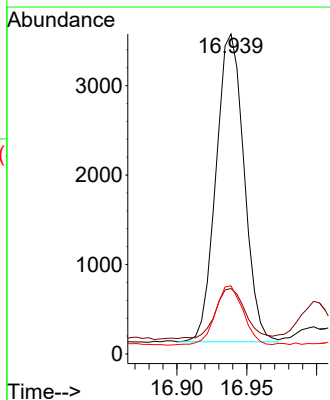
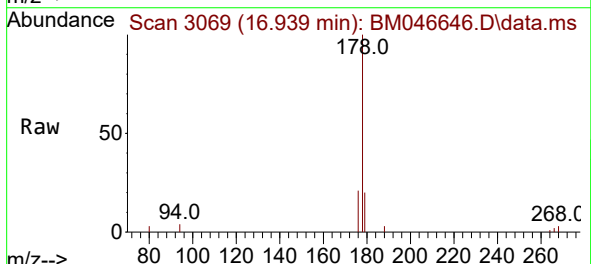
Instrument :
BNA_M
ClientSampleId :
A4BY6

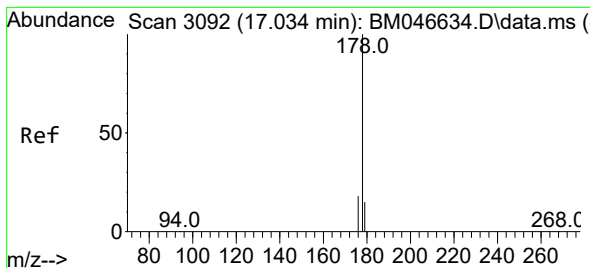
Tgt Ion:152 Resp: 1206
Ion Ratio Lower Upper
152 100
151 29.1 16.4 24.6#
153 21.2 12.4 18.6#



#15
Phenanthrene
Concen: 0.153 ng/ul
RT: 16.939 min Scan# 3069
Delta R.T. -0.005 min
Lab File: BM046646.D
Acq: 16 Jul 2024 23:10

Tgt Ion:178 Resp: 4802
Ion Ratio Lower Upper
178 100
179 20.4 13.1 19.7#
176 21.3 16.0 24.0





#16

Anthracene

Concen: 0.044 ng/ul

RT: 17.027 min Scan# 3090

Delta R.T. -0.005 min

Lab File: BM046646.D

Acq: 16 Jul 2024 23:10

Instrument :

BNA_M

ClientSampleId :

A4BY6

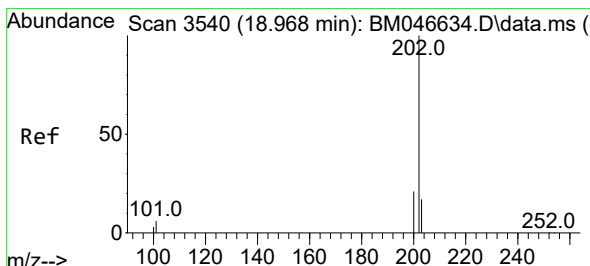
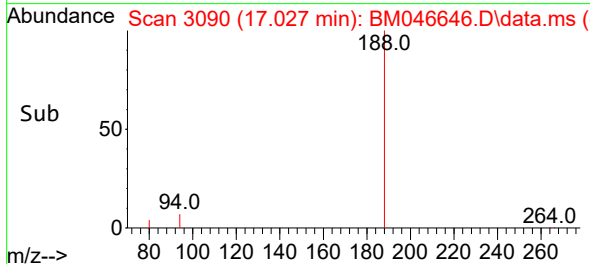
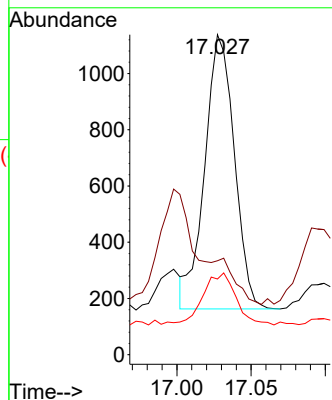
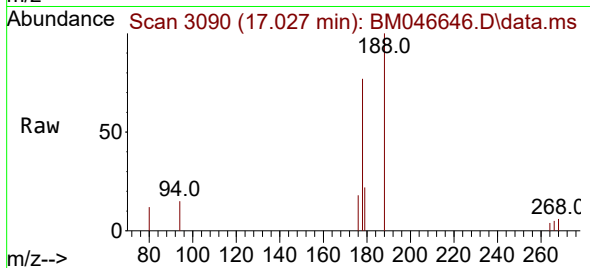
Tgt Ion:178 Resp: 1353

Ion Ratio Lower Upper

178 100

179 29.3 13.5 20.3#

176 23.6 15.7 23.5#



#19

Fluoranthene

Concen: 0.421 ng/ul

RT: 18.965 min Scan# 3539

Delta R.T. -0.005 min

Lab File: BM046646.D

Acq: 16 Jul 2024 23:10

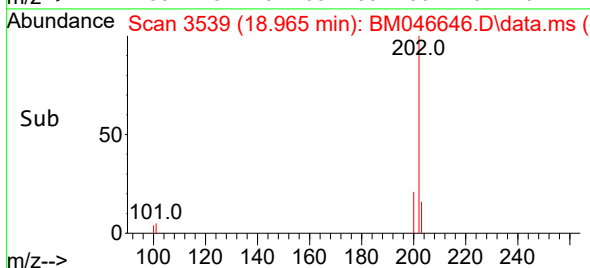
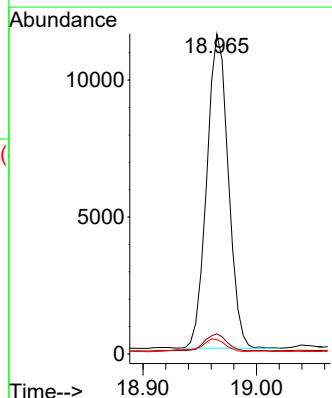
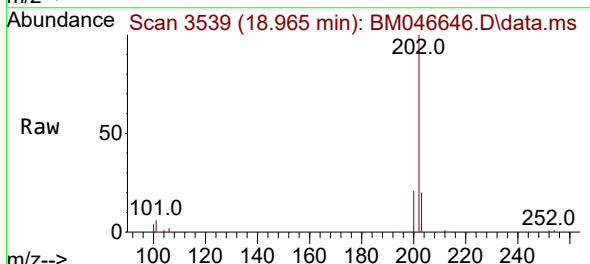
Tgt Ion:202 Resp: 15109

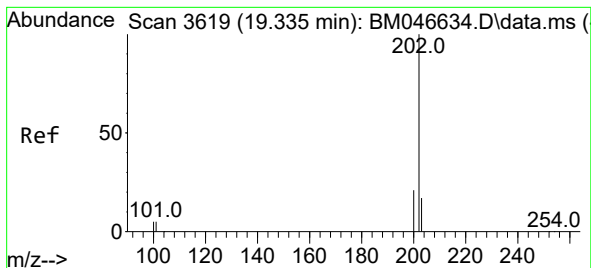
Ion Ratio Lower Upper

202 100

101 6.3 4.6 6.8

100 4.4 3.0 4.6





#20

Pyrene

Concen: 0.427 ng/ul

RT: 19.332 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM046646.D

Acq: 16 Jul 2024 23:10

Instrument :

BNA_M

ClientSampleId :

A4BY6

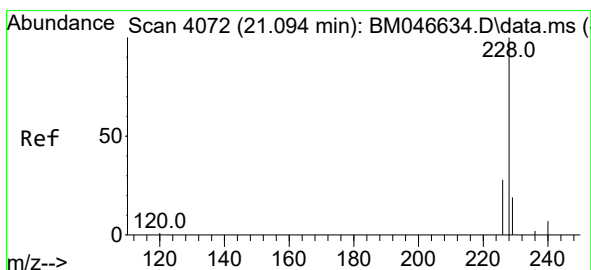
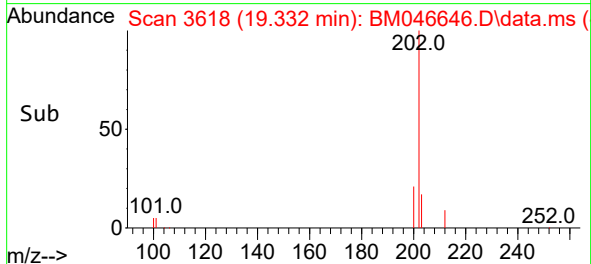
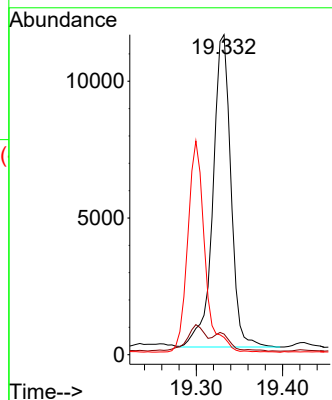
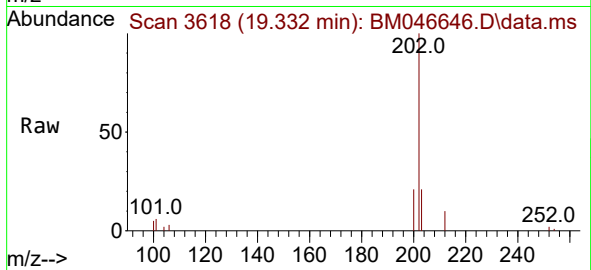
Tgt Ion:202 Resp: 16622

Ion Ratio Lower Upper

202 100

101 6.5 5.1 7.7

100 5.4 3.8 5.6



#21

Benzo(a)anthracene

Concen: 0.180 ng/ul

RT: 21.087 min Scan# 4070

Delta R.T. -0.000 min

Lab File: BM046646.D

Acq: 16 Jul 2024 23:10

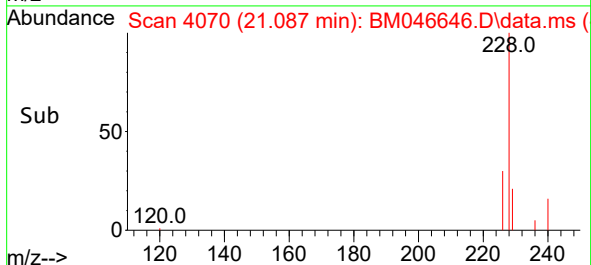
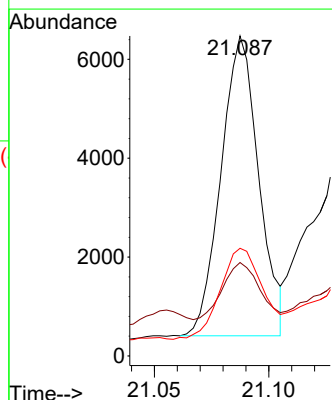
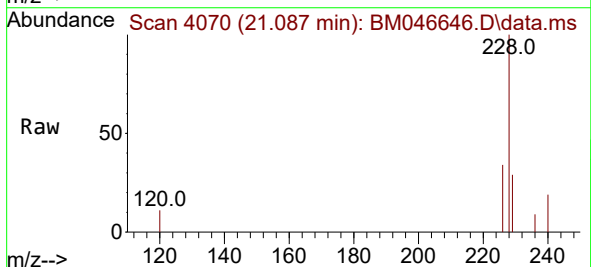
Tgt Ion:228 Resp: 6965

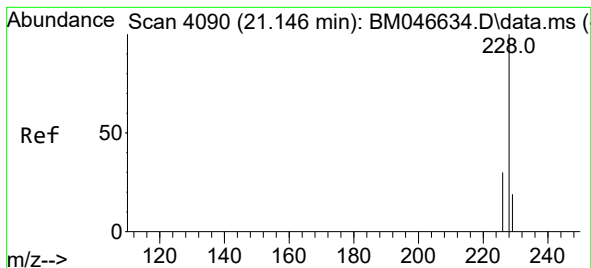
Ion Ratio Lower Upper

228 100

229 29.2 16.5 24.7#

226 33.7 22.5 33.7





#22

Chrysene

Concen: 0.272 ng/ul

RT: 21.140 min Scan# 4088

Delta R.T. -0.000 min

Lab File: BM046646.D

Acq: 16 Jul 2024 23:10

Instrument :

BNA_M

ClientSampleId :

A4BY6

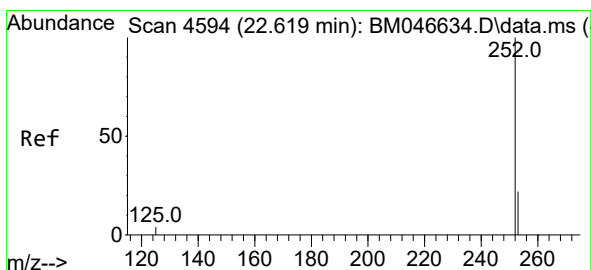
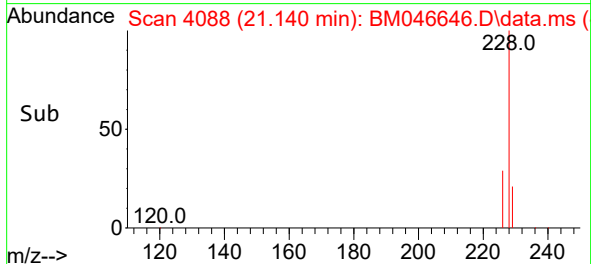
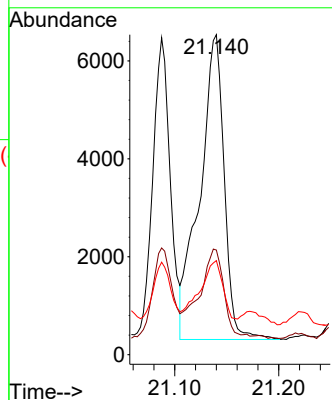
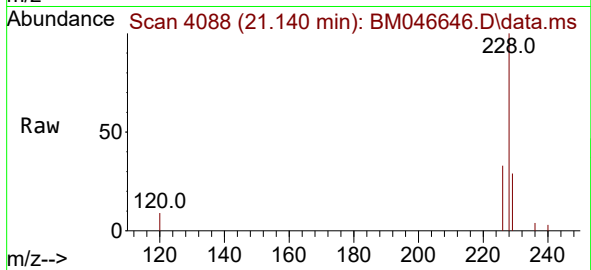
Tgt Ion:228 Resp: 10170

Ion Ratio Lower Upper

228 100

226 32.7 24.3 36.5

229 29.4 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.387 ng/ul

RT: 22.610 min Scan# 4591

Delta R.T. -0.000 min

Lab File: BM046646.D

Acq: 16 Jul 2024 23:10

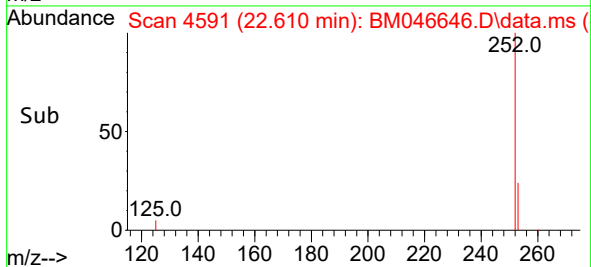
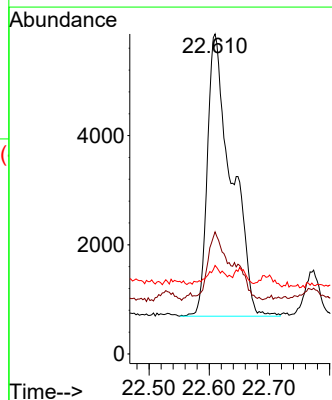
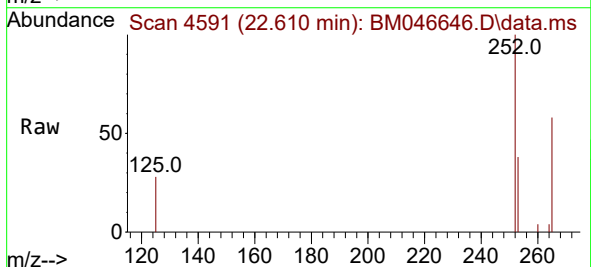
Tgt Ion:252 Resp: 14353

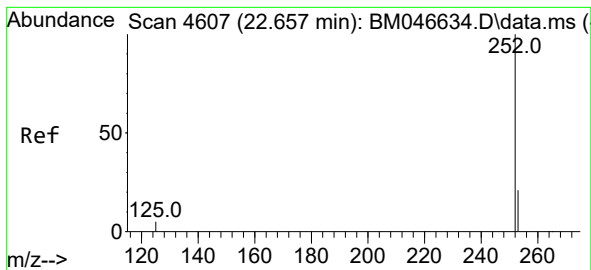
Ion Ratio Lower Upper

252 100

253 38.2 0.0 56.2

125 27.7 0.0 17.8#





#25

Benzo(k)fluoranthene

Concen: 0.394 ng/ul

RT: 22.610 min Scan# 4

Delta R.T. -0.041 min

Lab File: BM046646.D

Acq: 16 Jul 2024 23:10

Instrument :

BNM_M

ClientSampleId :

A4BY6

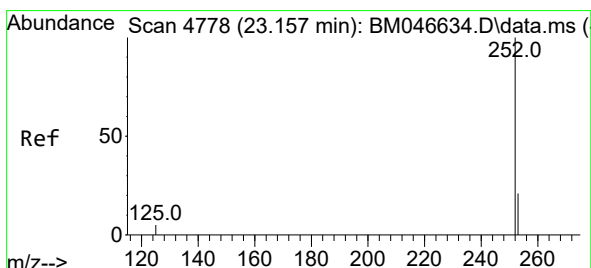
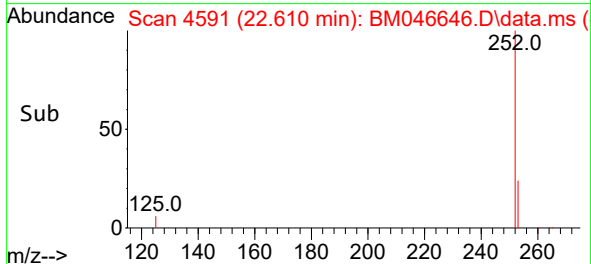
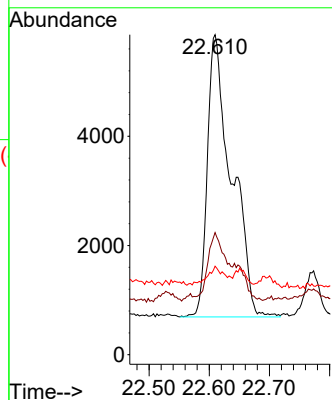
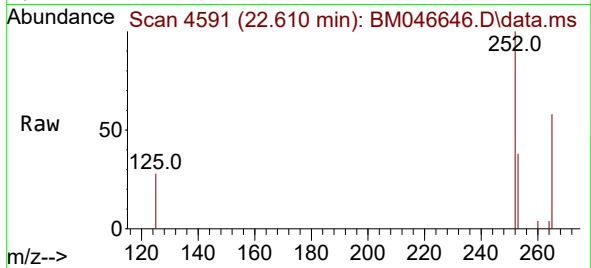
Tgt Ion:252 Resp: 14353

Ion Ratio Lower Upper

252 100

253 38.2 22.4 33.6#

125 27.7 7.0 10.4#



#26

Benzo(a)pyrene

Concen: 0.206 ng/ul

RT: 23.151 min Scan# 4776

Delta R.T. -0.000 min

Lab File: BM046646.D

Acq: 16 Jul 2024 23:10

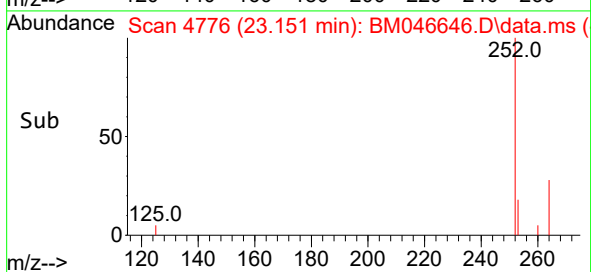
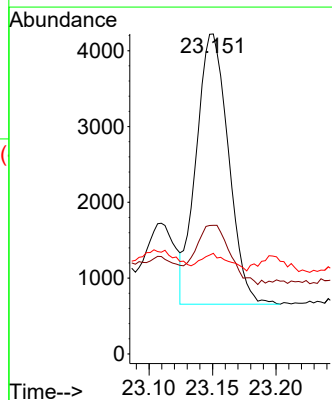
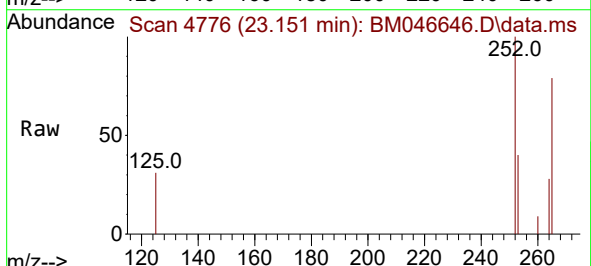
Tgt Ion:252 Resp: 6284

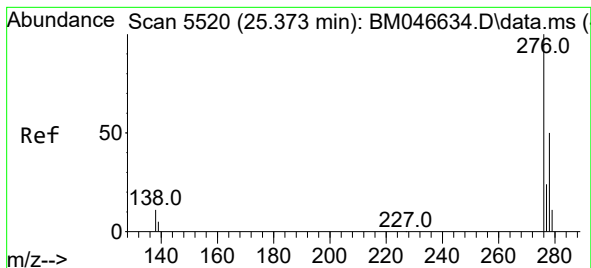
Ion Ratio Lower Upper

252 100

253 40.2 24.0 36.0#

125 31.5 8.2 12.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.114 ng/ul

RT: 25.360 min Scan# 5518

Delta R.T. -0.000 min

Lab File: BM046646.D

Acq: 16 Jul 2024 23:10

Instrument :

BNA_M

ClientSampleId :

A4BY6

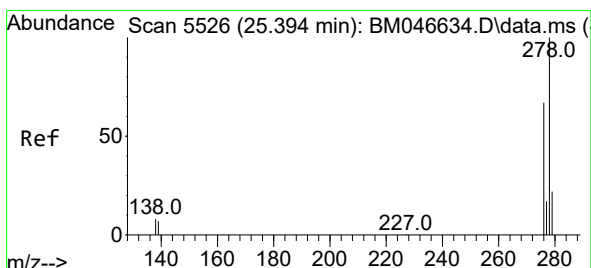
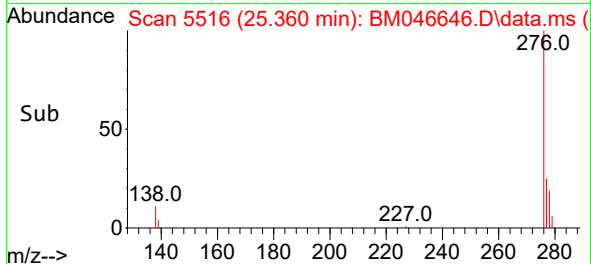
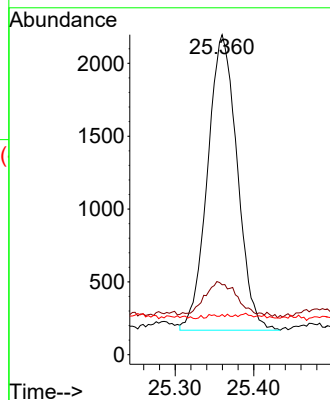
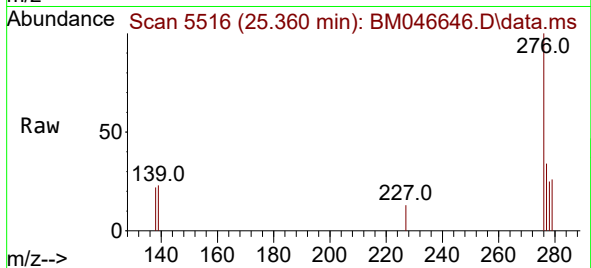
Tgt Ion:276 Resp: 5308

Ion Ratio Lower Upper

276 100

138 14.4 0.0 0.0#

227 0.4 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.038 ng/ul

RT: 25.366 min Scan# 5518

Delta R.T. -0.017 min

Lab File: BM046646.D

Acq: 16 Jul 2024 23:10

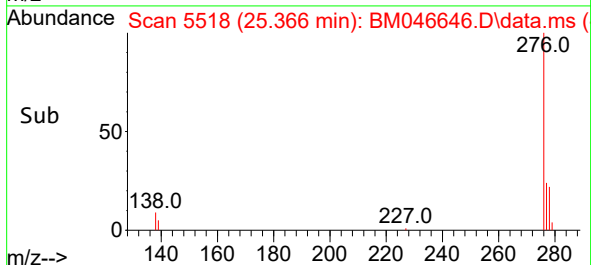
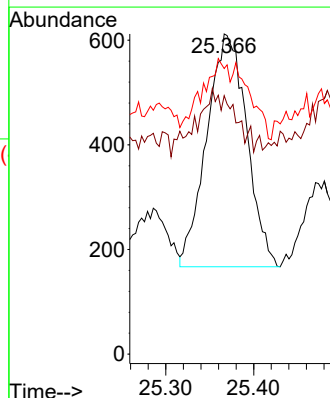
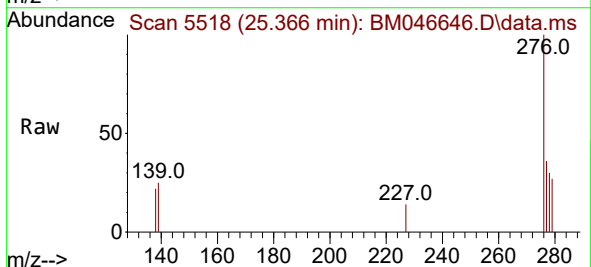
Tgt Ion:278 Resp: 1407

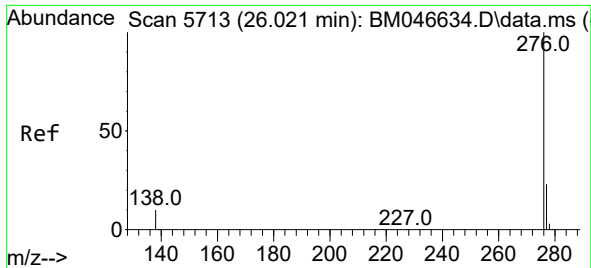
Ion Ratio Lower Upper

278 100

139 80.7 9.1 13.7#

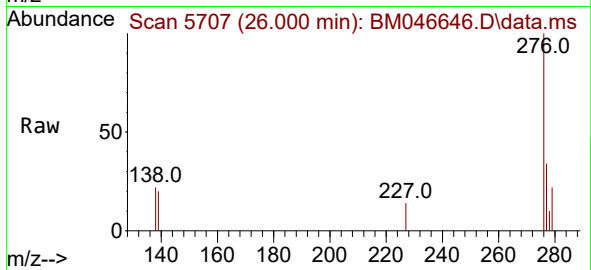
279 89.2 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.143 ng/ul
RT: 26.000 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM046646.D
Acq: 16 Jul 2024 23:10

Instrument :
BNA_M
ClientSampleId :
A4BY6



Tgt Ion:276 Resp: 5308
Ion Ratio Lower Upper
276 100
138 22.3 10.2 15.4#
277 33.7 20.9 31.3#

