

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046555.D
 Acq On : 12 Jul 2024 21:19
 Operator : MA/JU
 Sample : P3088-01DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4DP1DL

Quant Time: Jul 13 00:36:13 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 : Fri Jul 12 05:09:19 2024
 Response via : Initial Calibration

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

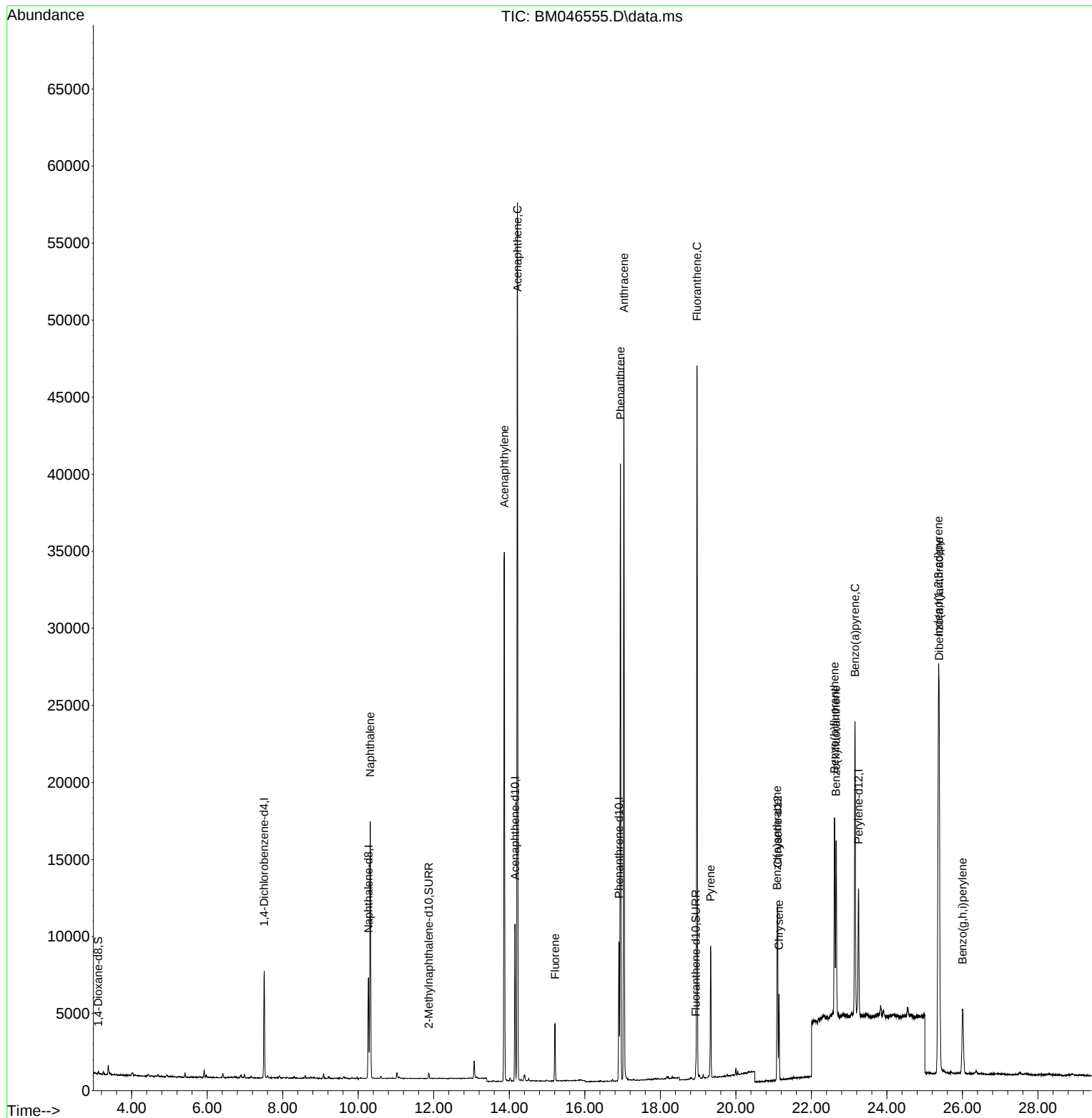
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3310	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	8554	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.151	164	5365	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	11286	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	8661	0.400	ng/ul	0.00
23) Perylene-d12	23.247	264	10056	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	101	0.037	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	434	0.031	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	993	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.315	128	22267	1.023	ng/ul	96
10) Acenaphthylene	13.868	152	38140	1.562	ng/ul	96
11) Acenaphthene	14.215	153	32175	1.966	ng/ul	96
12) Fluorene	15.210	166	2325	0.115	ng/ul	96
15) Phenanthrene	16.943	178	41072	1.275	ng/ul	98
16) Anthracene	17.036	178	48863	1.555	ng/ul	97
19) Fluoranthene	18.970	202	41440	1.165	ng/ul	99
20) Pyrene	19.332	202	7699	0.200	ng/ul#	97
21) Benzo(a)anthracene	21.090	228	6850	0.179	ng/ul	98
22) Chrysene	21.143	228	4421	0.119	ng/ul	97
24) Benzo(b)fluoranthene	22.613	252	15123	0.377	ng/ul	93
25) Benzo(k)fluoranthene	22.654	252	14150	0.359	ng/ul#	94
26) Benzo(a)pyrene	23.154	252	26620	0.805	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.366	276	41191	0.819	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.383	278	21180	0.532	ng/ul#	92
29) Benzo(g,h,i)perylene	26.004	276	8624	0.215	ng/ul#	96

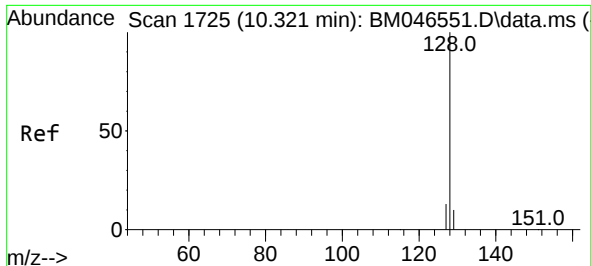
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 13 00:36:13 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 : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration

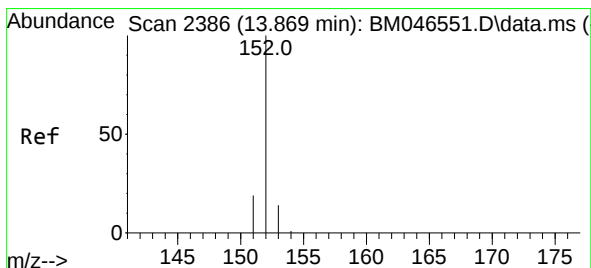
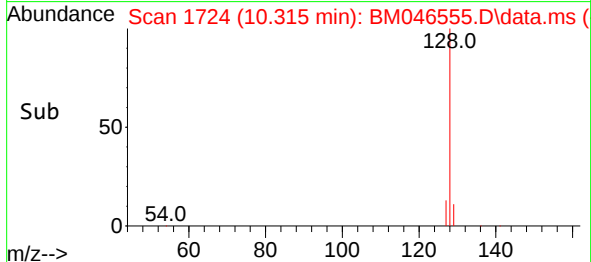
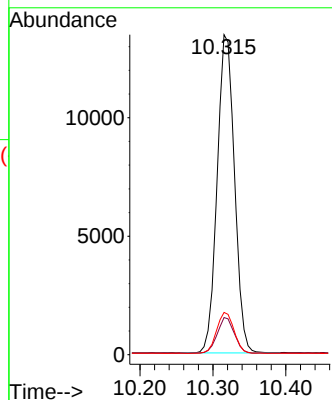
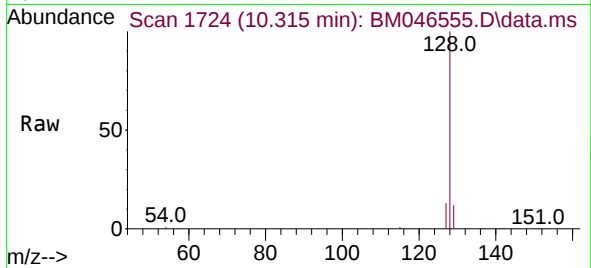




#5
Naphthalene
Concen: 1.023 ng/ul
RT: 10.315 min Scan# 1724
Delta R.T. -0.010 min
Lab File: BM046555.D
Acq: 12 Jul 2024 21:19

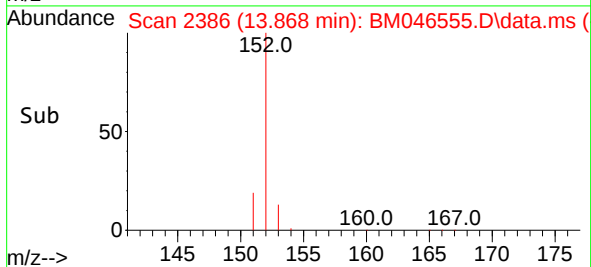
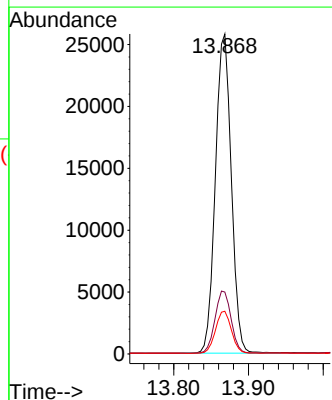
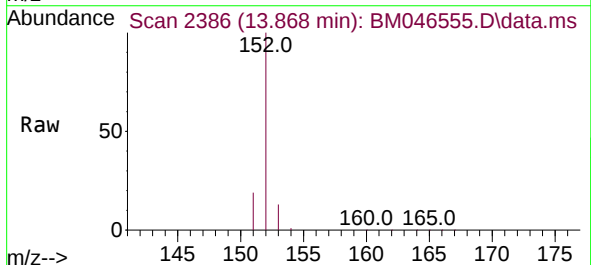
Instrument :
BNA_M
ClientSampleId :
A4DP1DL

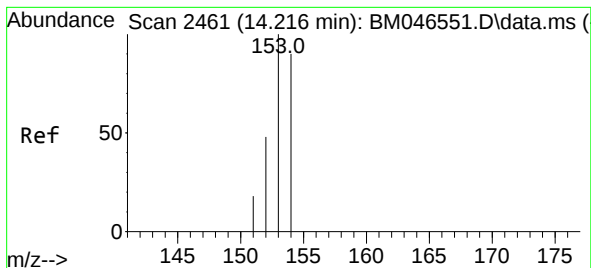
Tgt Ion:128 Resp: 22267
Ion Ratio Lower Upper
128 100
129 11.6 10.3 15.5
127 13.2 12.2 18.4



#10
Acenaphthylene
Concen: 1.562 ng/ul
RT: 13.868 min Scan# 2386
Delta R.T. -0.003 min
Lab File: BM046555.D
Acq: 12 Jul 2024 21:19

Tgt Ion:152 Resp: 38140
Ion Ratio Lower Upper
152 100
151 19.3 16.4 24.6
153 13.4 12.4 18.6





#11

Acenaphthene

Concen: 1.966 ng/ul

RT: 14.215 min Scan# 2461

Delta R.T. -0.003 min

Lab File: BM046555.D

Acq: 12 Jul 2024 21:19

Instrument :

BNA_M

ClientSampleId :

A4DP1DL

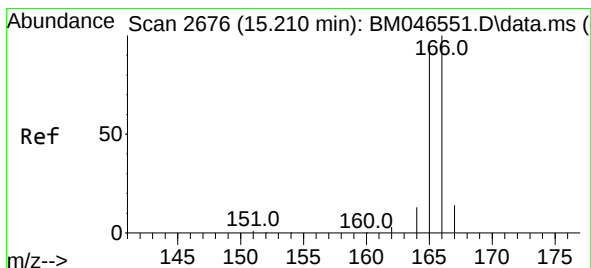
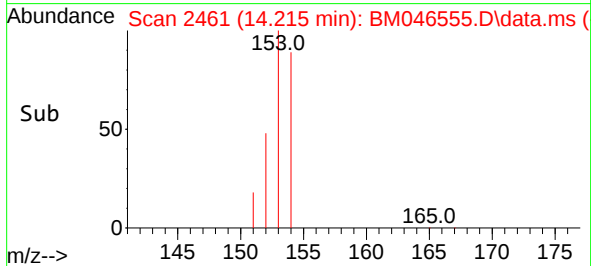
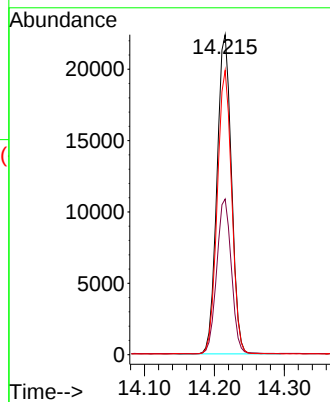
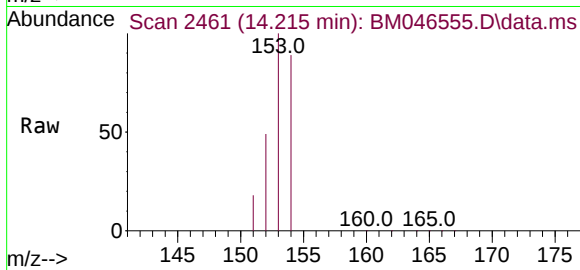
Tgt Ion:153 Resp: 32175

Ion Ratio Lower Upper

153 100

152 48.7 43.0 64.6

154 88.9 69.9 104.9



#12

Fluorene

Concen: 0.115 ng/ul

RT: 15.210 min Scan# 2676

Delta R.T. -0.003 min

Lab File: BM046555.D

Acq: 12 Jul 2024 21:19

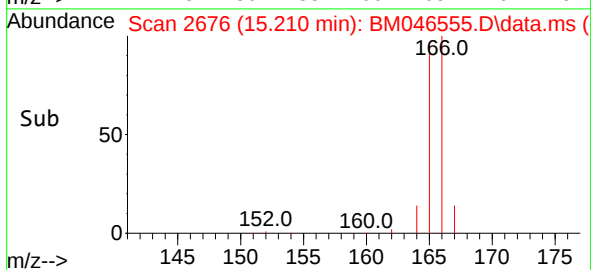
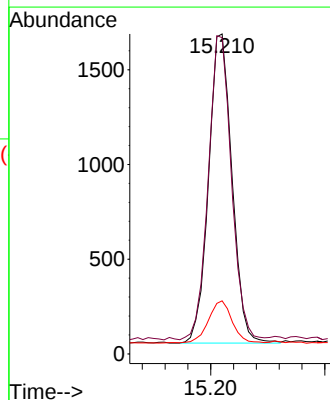
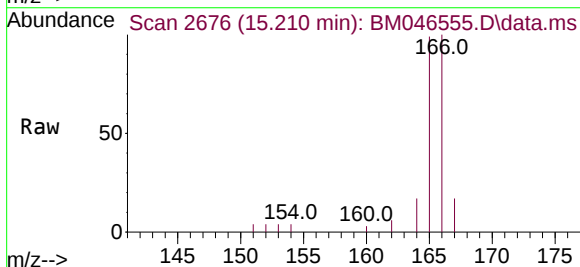
Tgt Ion:166 Resp: 2325

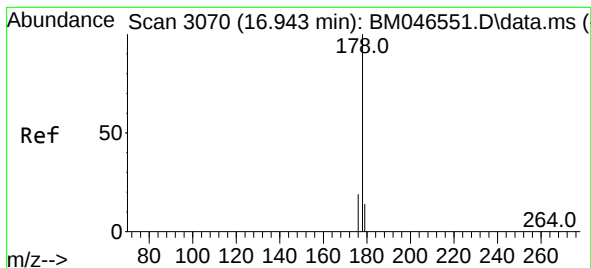
Ion Ratio Lower Upper

166 100

165 98.9 76.1 114.1

167 16.6 12.5 18.7





#15

Phenanthrene

Concen: 1.275 ng/ul

RT: 16.943 min Scan# 3070

Delta R.T. -0.007 min

Lab File: BM046555.D

Acq: 12 Jul 2024 21:19

Instrument :

BNA_M

ClientSampleId :

A4DP1DL

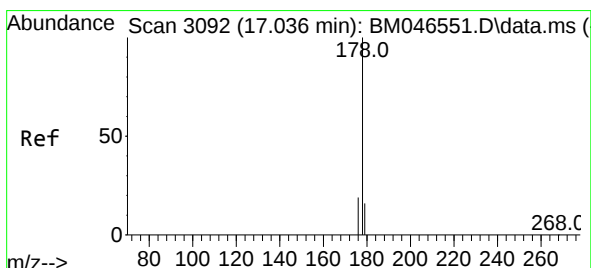
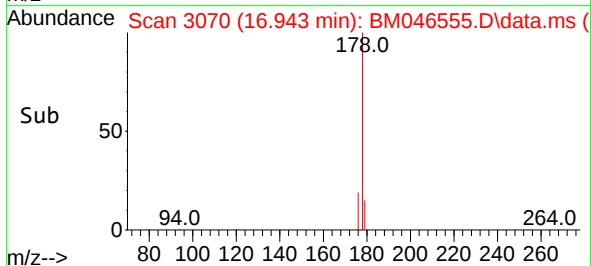
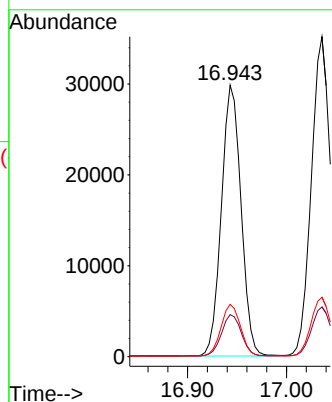
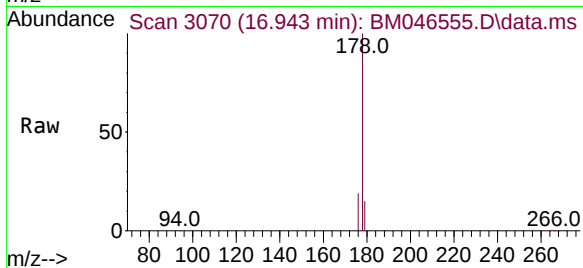
Tgt Ion:178 Resp: 41072

Ion Ratio Lower Upper

178 100

179 15.5 13.1 19.7

176 19.3 16.0 24.0



#16

Anthracene

Concen: 1.555 ng/ul

RT: 17.036 min Scan# 3092

Delta R.T. -0.003 min

Lab File: BM046555.D

Acq: 12 Jul 2024 21:19

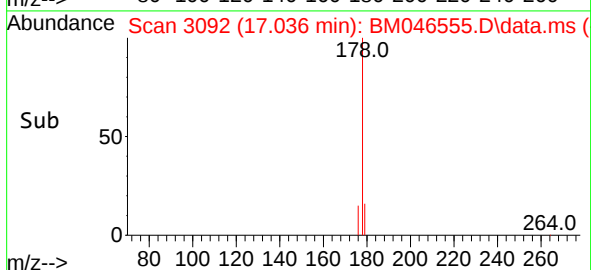
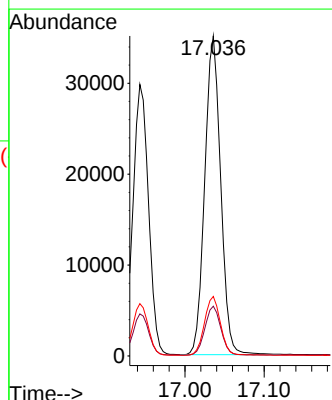
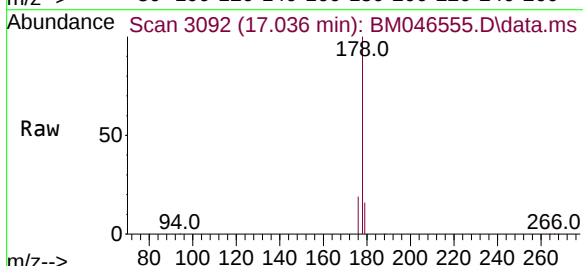
Tgt Ion:178 Resp: 48863

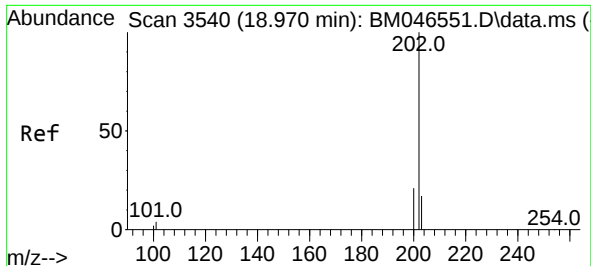
Ion Ratio Lower Upper

178 100

179 15.6 13.5 20.3

176 18.6 15.7 23.5

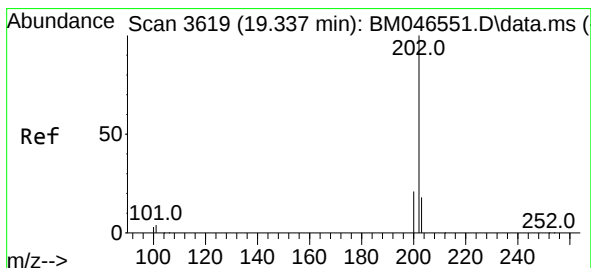
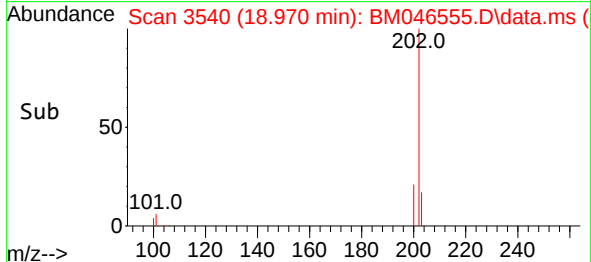
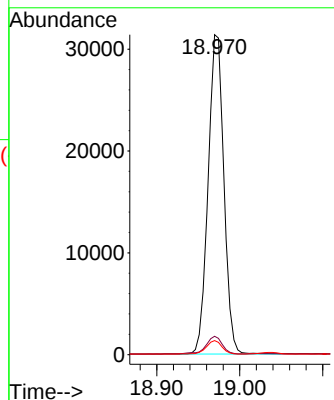
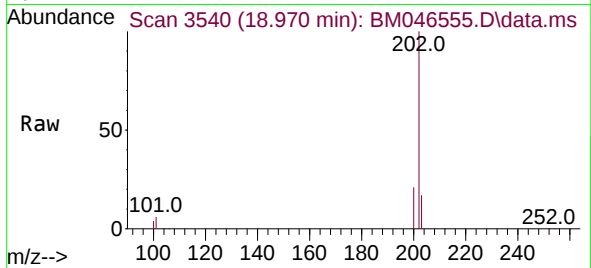




#19
Fluoranthene
Concen: 1.165 ng/ul
RT: 18.970 min Scan# 3540
Delta R.T. -0.008 min
Lab File: BM046555.D
Acq: 12 Jul 2024 21:19

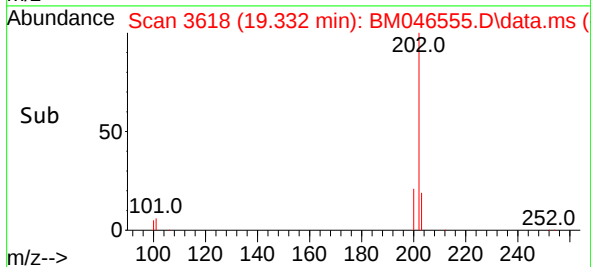
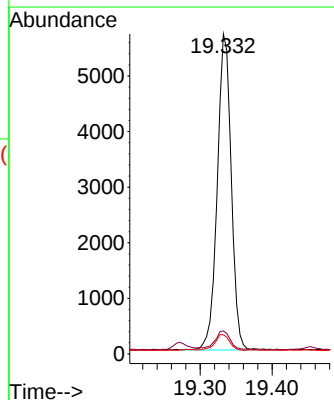
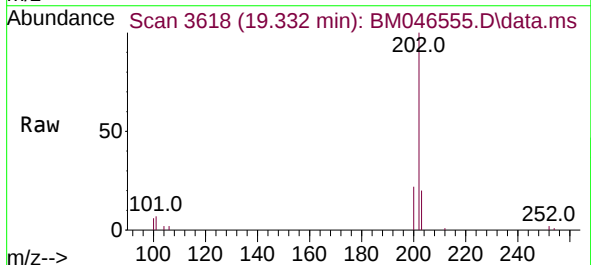
Instrument :
BNA_M
ClientSampleId :
A4DP1DL

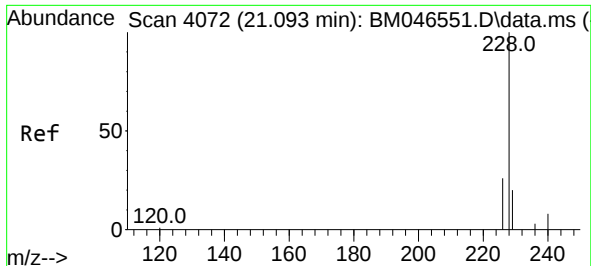
Tgt Ion:202 Resp: 41440
Ion Ratio Lower Upper
202 100
101 5.8 4.6 6.8
100 4.4 3.0 4.6



#20
Pyrene
Concen: 0.200 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.008 min
Lab File: BM046555.D
Acq: 12 Jul 2024 21:19

Tgt Ion:202 Resp: 7699
Ion Ratio Lower Upper
202 100
101 7.2 5.1 7.7
100 6.0 3.8 5.6#

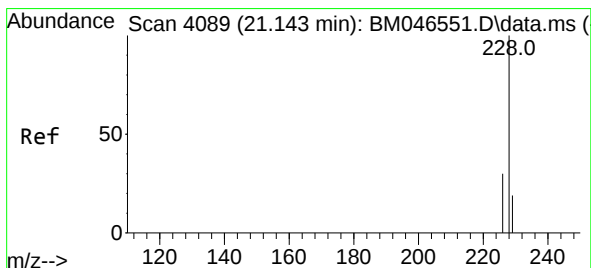
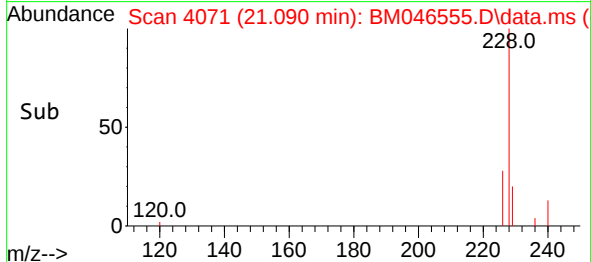
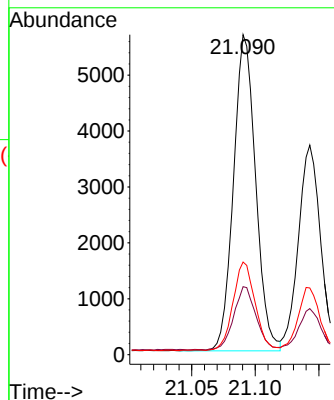
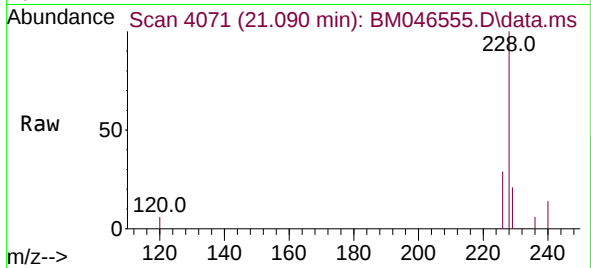




#21
Benzo(a)anthracene
Concen: 0.179 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. -0.006 min
Lab File: BM046555.D
Acq: 12 Jul 2024 21:19

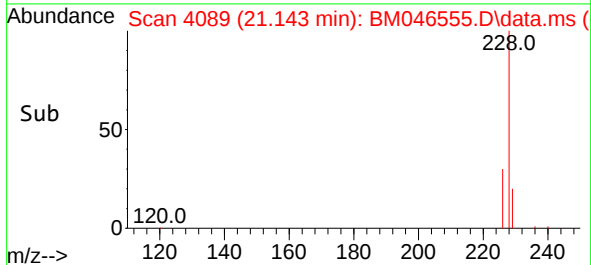
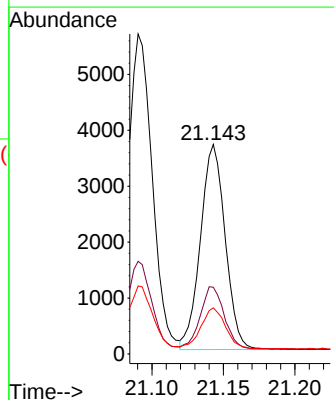
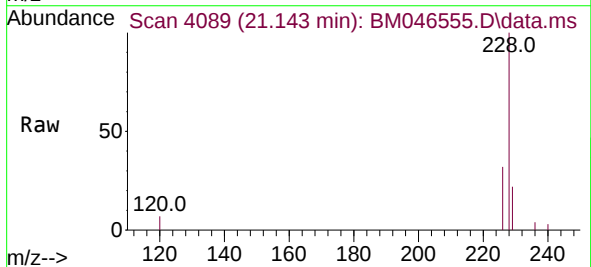
Instrument :
BNA_M
ClientSampleId :
A4DP1DL

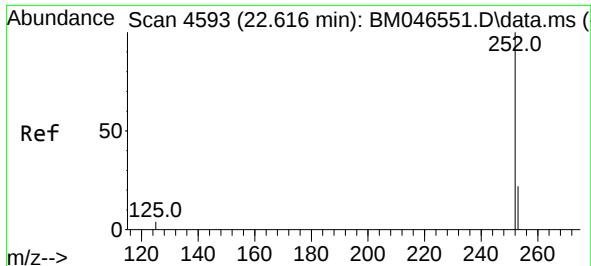
Tgt Ion:228 Resp: 6850
Ion Ratio Lower Upper
228 100
229 21.2 16.5 24.7
226 28.9 22.5 33.7



#22
Chrysene
Concen: 0.119 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. -0.006 min
Lab File: BM046555.D
Acq: 12 Jul 2024 21:19

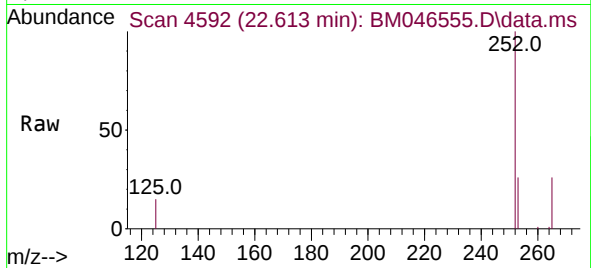
Tgt Ion:228 Resp: 4421
Ion Ratio Lower Upper
228 100
226 31.8 24.3 36.5
229 22.0 16.4 24.6



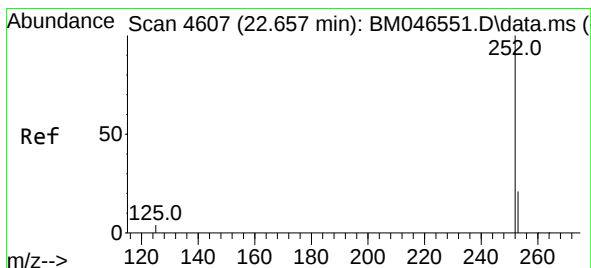
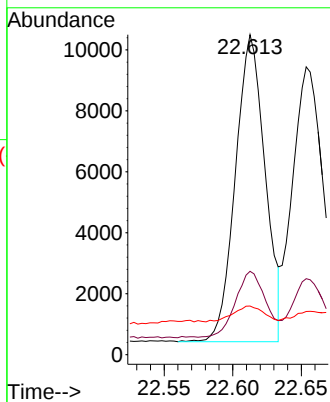
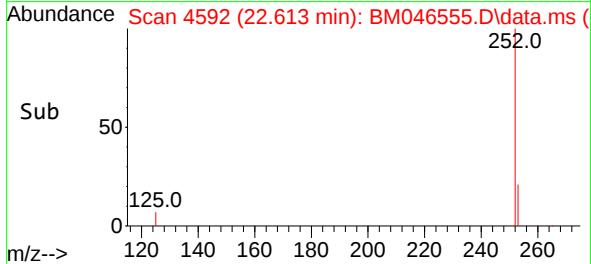


#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 22.613 min Scan# 4592
Delta R.T. -0.009 min
Lab File: BM046555.D
Acq: 12 Jul 2024 21:19

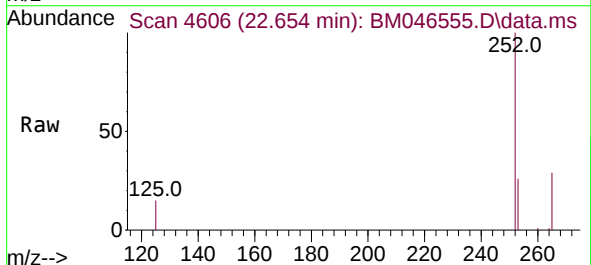
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BNA_M
ClientSampleId :
A4DP1DL



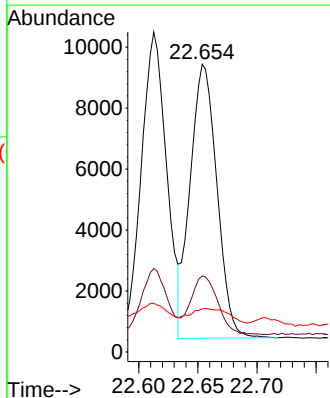
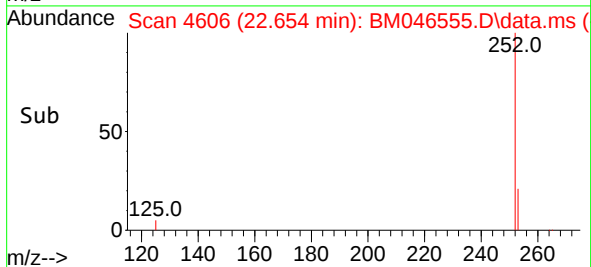
Tgt Ion:252 Resp: 15123
Ion Ratio Lower Upper
252 100
253 26.0 0.0 56.2
125 15.2 0.0 17.8

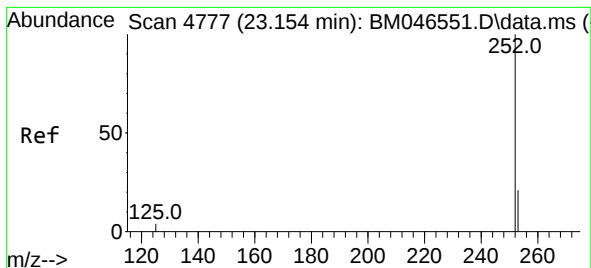


#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 22.654 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM046555.D
Acq: 12 Jul 2024 21:19



Tgt Ion:252 Resp: 14150
Ion Ratio Lower Upper
252 100
253 26.4 22.4 33.6
125 15.0 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.805 ng/ul

RT: 23.154 min Scan# 4777

Delta R.T. -0.009 min

Lab File: BM046555.D

Acq: 12 Jul 2024 21:19

Instrument :

BNA_M

ClientSampleId :

A4DP1DL

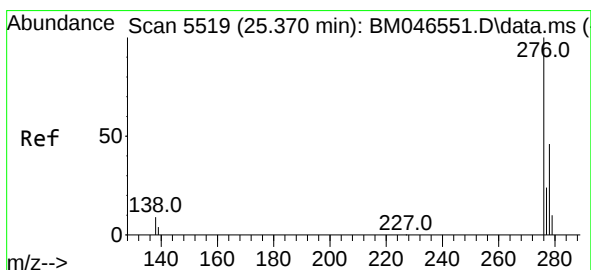
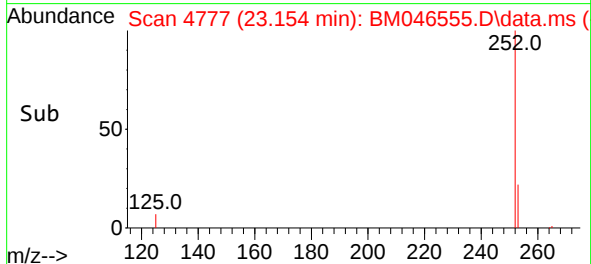
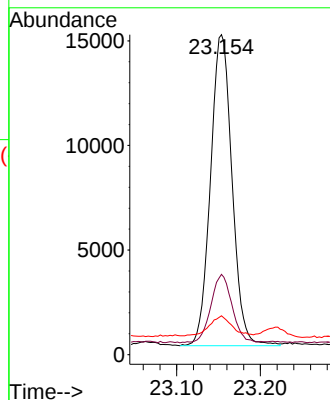
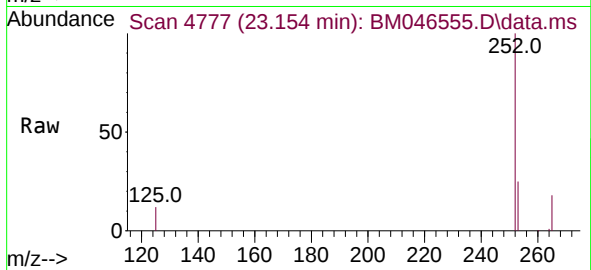
Tgt Ion:252 Resp: 26620

Ion Ratio Lower Upper

252 100

253 25.1 24.0 36.0

125 12.2 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.819 ng/ul

RT: 25.366 min Scan# 5518

Delta R.T. -0.017 min

Lab File: BM046555.D

Acq: 12 Jul 2024 21:19

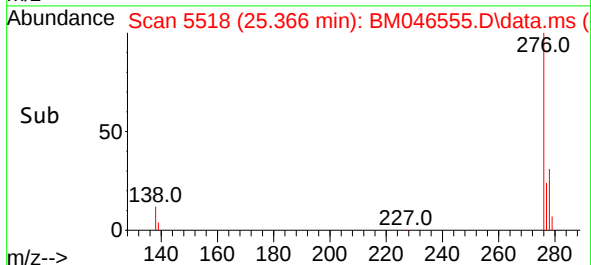
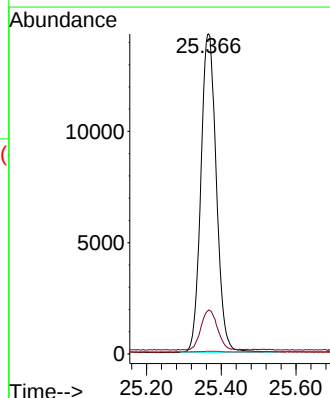
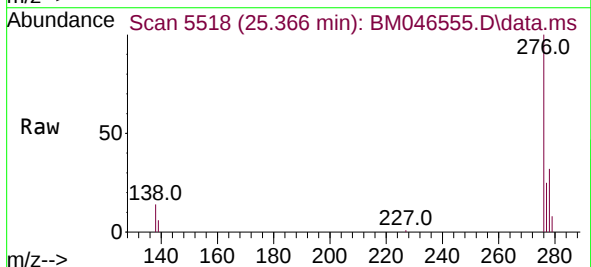
Tgt Ion:276 Resp: 41191

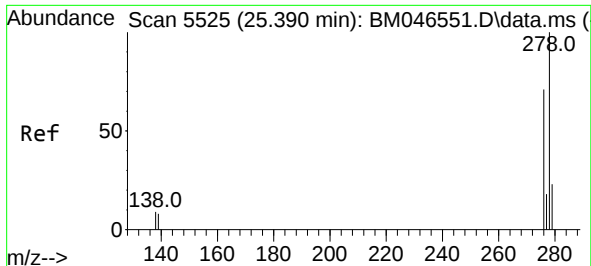
Ion Ratio Lower Upper

276 100

138 13.1 0.0 0.0#

227 0.1 0.2 0.2#

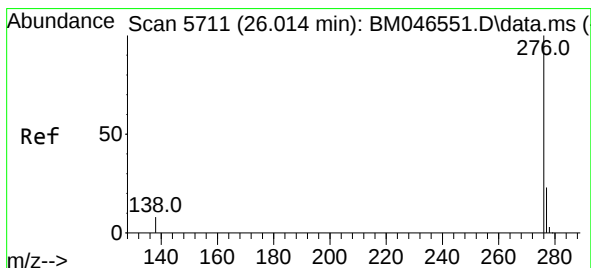
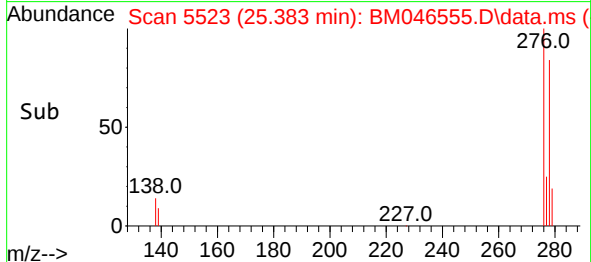
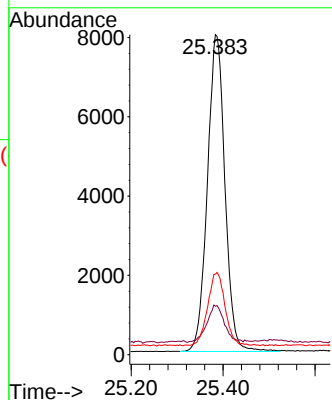
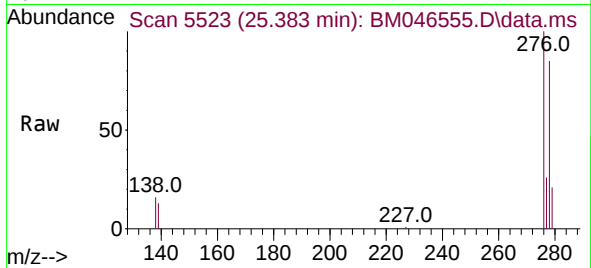




#28
Dibenzo(a,h)anthracene
Concen: 0.532 ng/ul
RT: 25.383 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM046555.D
Acq: 12 Jul 2024 21:19

Instrument :
BNA_M
ClientSampleId :
A4DP1DL

Tgt Ion:278 Resp: 21180
Ion Ratio Lower Upper
278 100
139 15.2 9.1 13.7#
279 25.2 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.215 ng/ul
RT: 26.004 min Scan# 5708
Delta R.T. -0.017 min
Lab File: BM046555.D
Acq: 12 Jul 2024 21:19

Tgt Ion:276 Resp: 8624
Ion Ratio Lower Upper
276 100
138 16.5 10.2 15.4#
277 27.0 20.9 31.3

