

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046594.D
 Acq On : 15 Jul 2024 12:36
 Operator : MA/JU
 Sample : P3101-01DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4DP2DL

Quant Time: Jul 15 13:16:01 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)

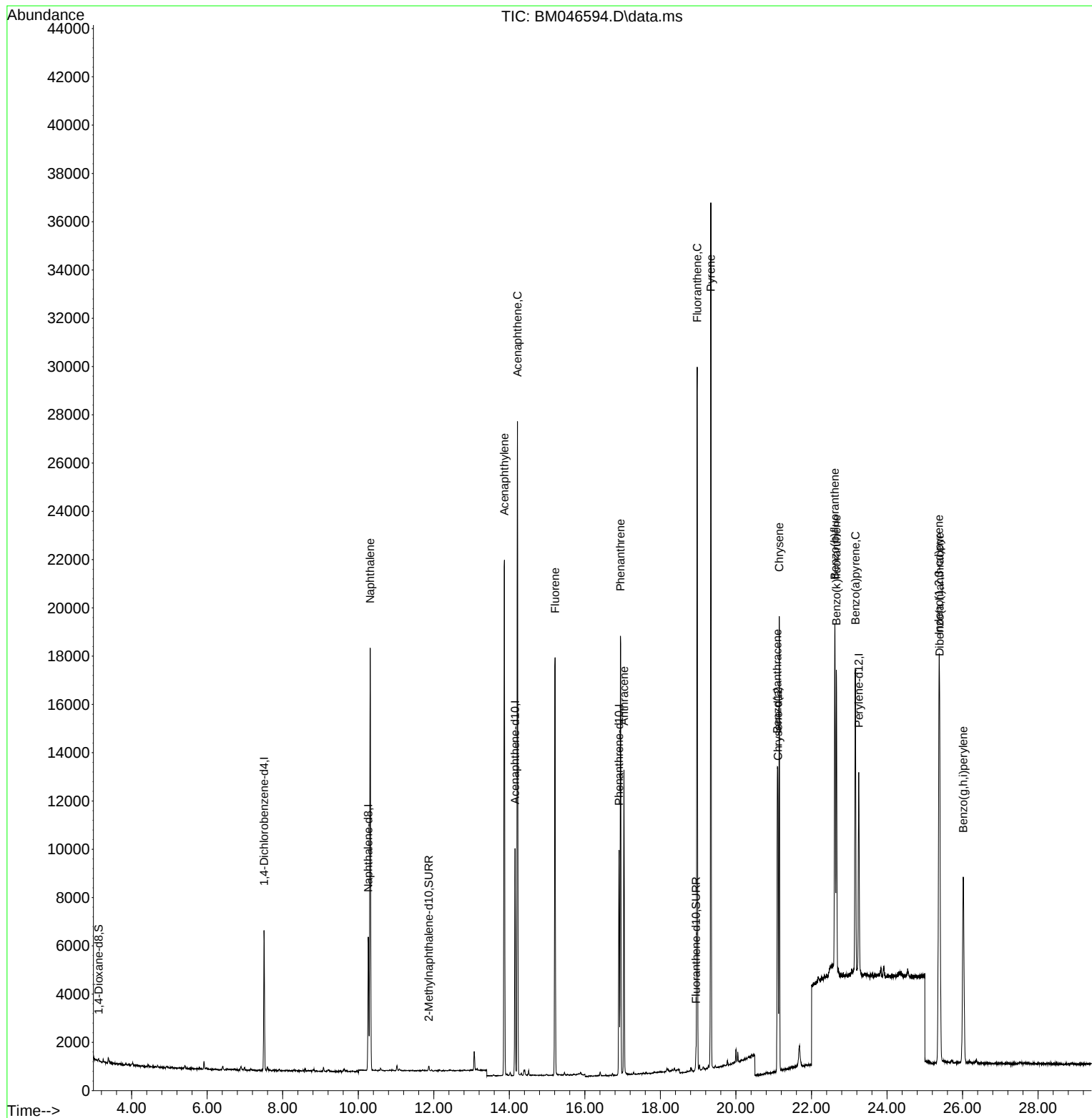
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	2726	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	7395	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.151	164	5007	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	11429	0.400	ng/ul	0.00
17) Chrysene-d12	21.114	240	9183	0.400	ng/ul	0.00
23) Perylene-d12	23.253	264	10124	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	79	0.035	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	266	0.022	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	788	0.028	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.315	128	22518	1.197	ng/ul	96
10) Acenaphthylene	13.868	152	23743	1.042	ng/ul	96
11) Acenaphthene	14.215	153	15079	0.987	ng/ul	97
12) Fluorene	15.210	166	10697	0.566	ng/ul	98
15) Phenanthrene	16.943	178	18982	0.582	ng/ul	99
16) Anthracene	17.036	178	12665	0.398	ng/ul	98
19) Fluoranthene	18.974	202	26130	0.693	ng/ul	99
20) Pyrene	19.337	202	31561	0.773	ng/ul	99
21) Benzo(a)anthracene	21.096	228	8545	0.210	ng/ul	99
22) Chrysene	21.146	228	15196	0.387	ng/ul	99
24) Benzo(b)fluoranthene	22.618	252	18481	0.457	ng/ul	97
25) Benzo(k)fluoranthene	22.659	252	14784	0.372	ng/ul	97
26) Benzo(a)pyrene	23.162	252	18098	0.544	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.376	276	23120	0.456	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.393	278	15131	0.377	ng/ul	97
29) Benzo(g,h,i)perylene	26.017	276	15802	0.391	ng/ul	99

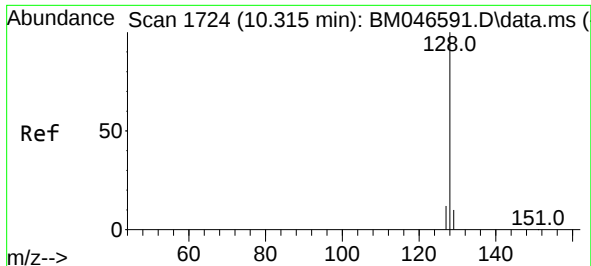
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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A4DP2DL

Quant Time: Jul 15 13:16:01 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

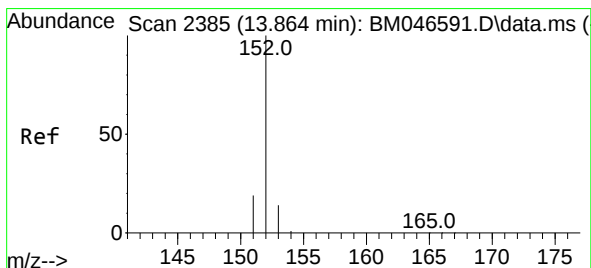
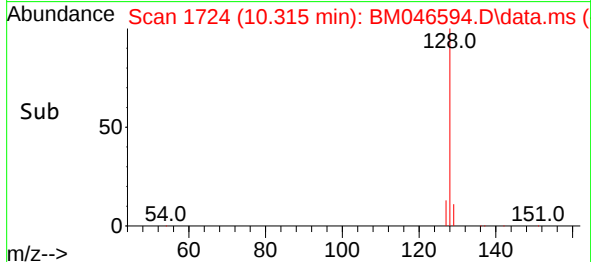
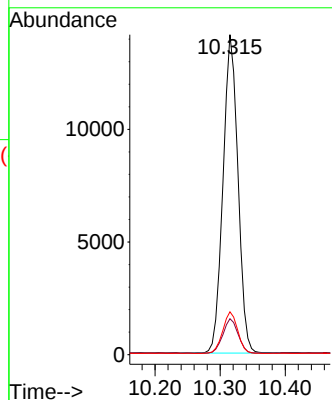
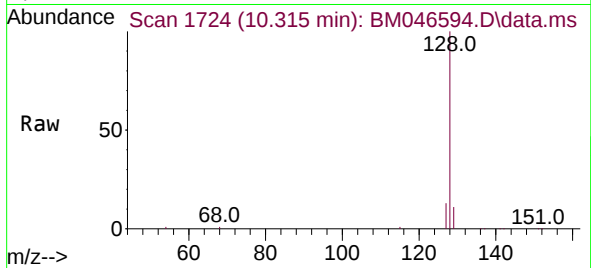




#5
Naphthalene
Concen: 1.197 ng/ul
RT: 10.315 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM046594.D
Acq: 15 Jul 2024 12:36

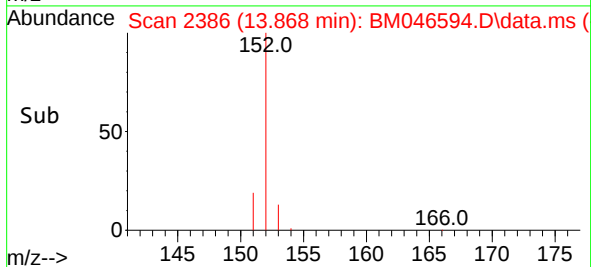
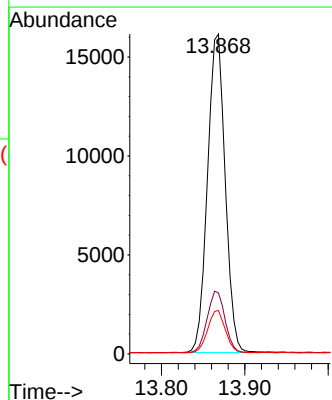
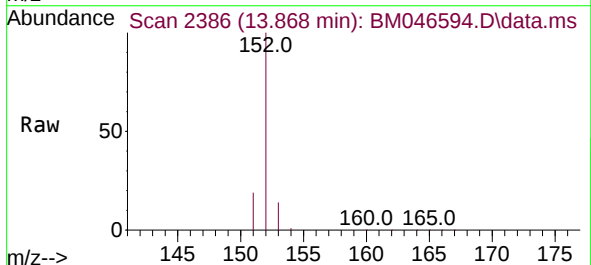
Instrument :
BNA_M
ClientSampleId :
A4DP2DL

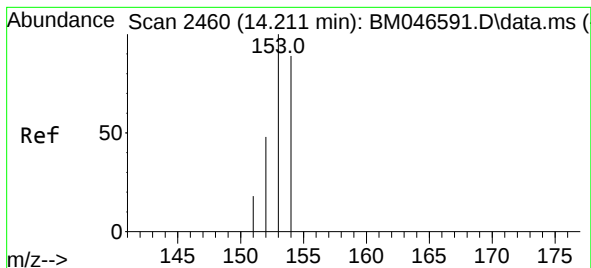
Tgt Ion:128 Resp: 22518
Ion Ratio Lower Upper
128 100
129 11.3 10.3 15.5
127 13.4 12.2 18.4



#10
Acenaphthylene
Concen: 1.042 ng/ul
RT: 13.868 min Scan# 2386
Delta R.T. 0.004 min
Lab File: BM046594.D
Acq: 15 Jul 2024 12:36

Tgt Ion:152 Resp: 23743
Ion Ratio Lower Upper
152 100
151 19.1 16.4 24.6
153 13.6 12.4 18.6





#11

Acenaphthene

Concen: 0.987 ng/ul

RT: 14.215 min Scan# 2460

Delta R.T. 0.004 min

Lab File: BM046594.D

Acq: 15 Jul 2024 12:36

Instrument :

BNA_M

ClientSampleId :

A4DP2DL

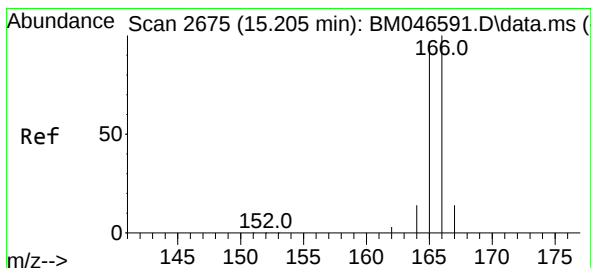
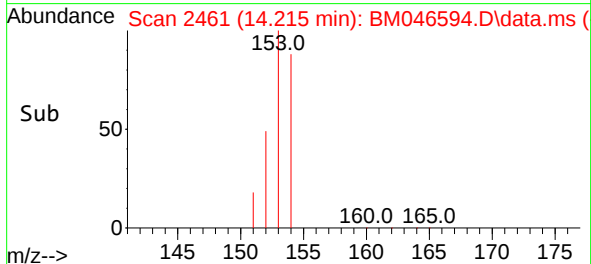
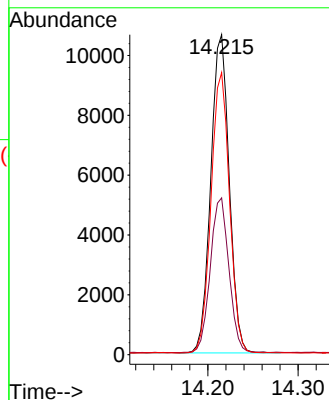
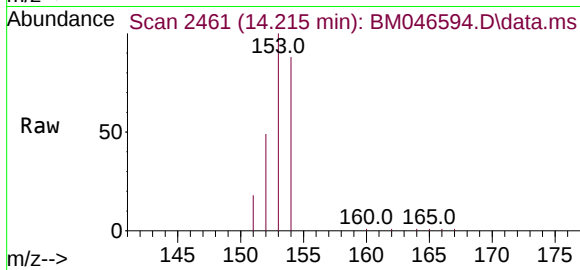
Tgt Ion:153 Resp: 15079

Ion Ratio Lower Upper

153 100

152 49.0 43.0 64.6

154 88.2 69.9 104.9



#12

Fluorene

Concen: 0.566 ng/ul

RT: 15.210 min Scan# 2676

Delta R.T. 0.004 min

Lab File: BM046594.D

Acq: 15 Jul 2024 12:36

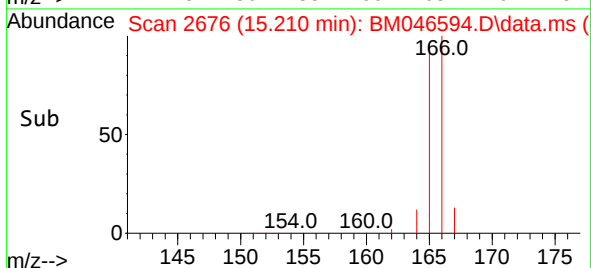
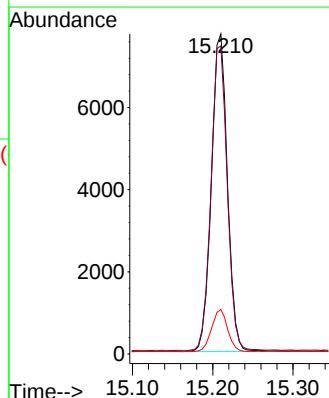
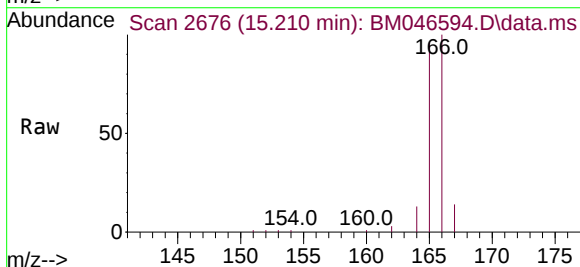
Tgt Ion:166 Resp: 10697

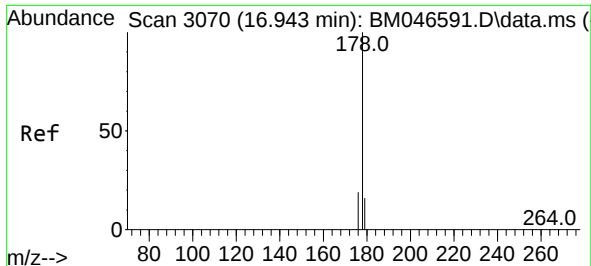
Ion Ratio Lower Upper

166 100

165 96.2 76.1 114.1

167 13.9 12.5 18.7

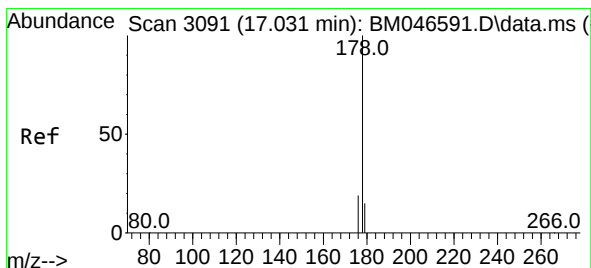
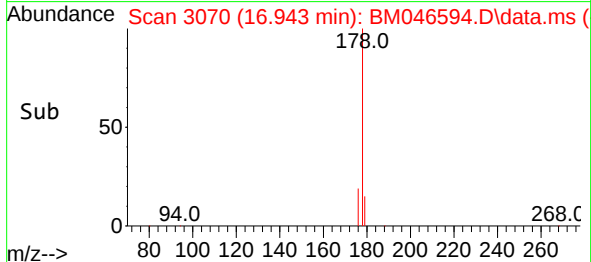
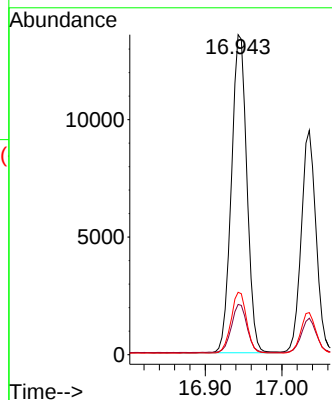
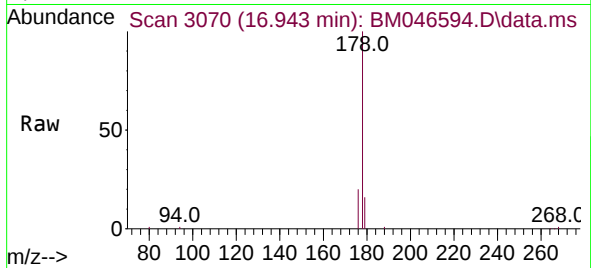




#15
Phenanthrene
Concen: 0.582 ng/u1
RT: 16.943 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM046594.D
Acq: 15 Jul 2024 12:36

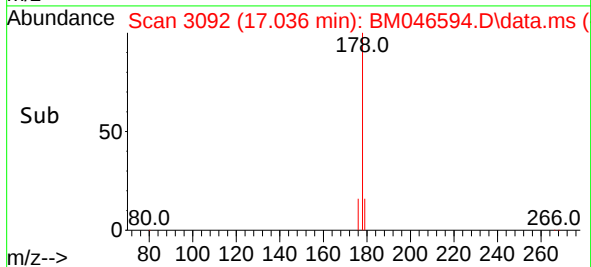
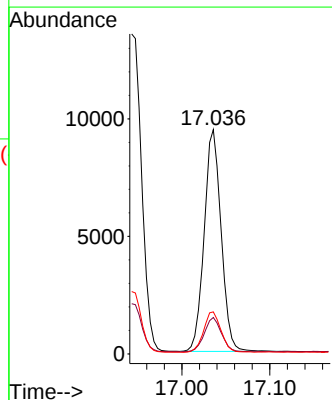
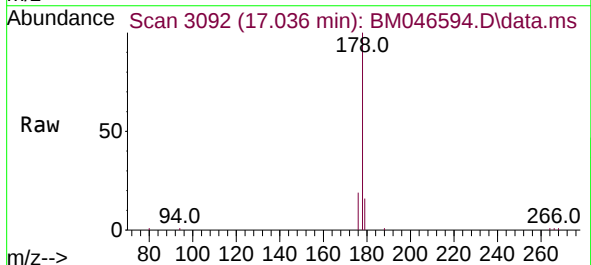
Instrument :
BNA_M
ClientSampleId :
A4DP2DL

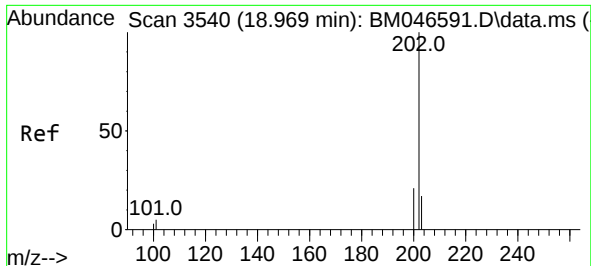
Tgt Ion:178 Resp: 18982
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 19.5 16.0 24.0



#16
Anthracene
Concen: 0.398 ng/u1
RT: 17.036 min Scan# 3092
Delta R.T. 0.004 min
Lab File: BM046594.D
Acq: 15 Jul 2024 12:36

Tgt Ion:178 Resp: 12665
Ion Ratio Lower Upper
178 100
179 16.2 13.5 20.3
176 18.8 15.7 23.5

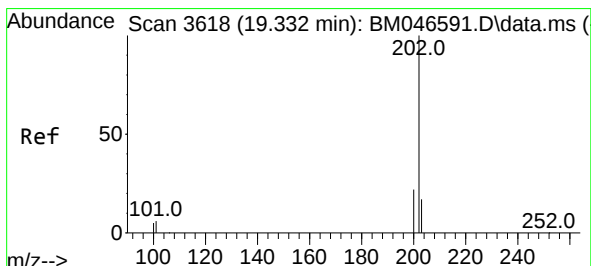
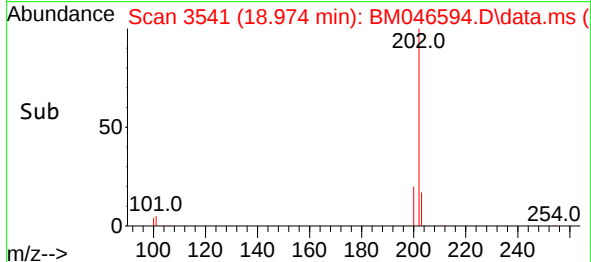
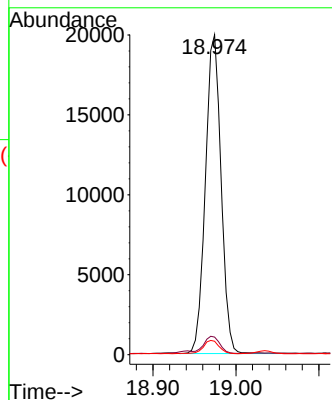
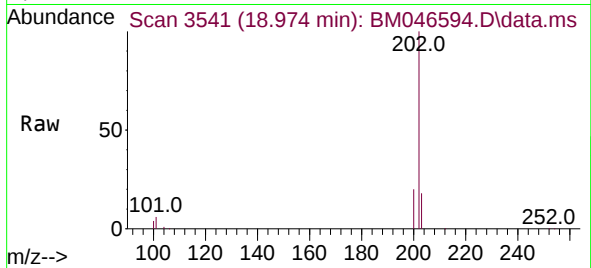




#19
Fluoranthene
Concen: 0.693 ng/u1
RT: 18.974 min Scan# 3541
Delta R.T. 0.004 min
Lab File: BM046594.D
Acq: 15 Jul 2024 12:36

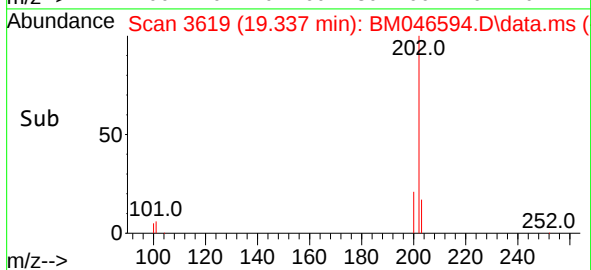
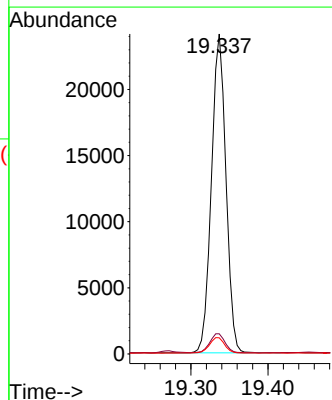
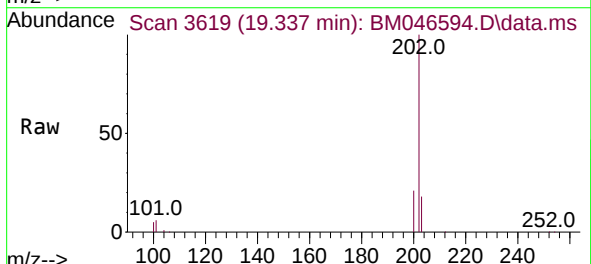
Instrument :
BNA_M
ClientSampleId :
A4DP2DL

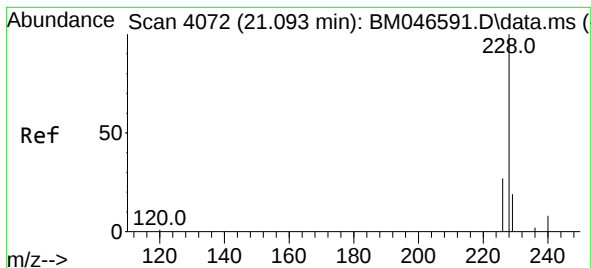
Tgt Ion:202 Resp: 26130
Ion Ratio Lower Upper
202 100
101 5.5 4.6 6.8
100 4.2 3.0 4.6



#20
Pyrene
Concen: 0.773 ng/u1
RT: 19.337 min Scan# 3619
Delta R.T. 0.004 min
Lab File: BM046594.D
Acq: 15 Jul 2024 12:36

Tgt Ion:202 Resp: 31561
Ion Ratio Lower Upper
202 100
101 6.3 5.1 7.7
100 5.0 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.210 ng/ul

RT: 21.096 min Scan# 4072

Delta R.T. 0.008 min

Lab File: BM046594.D

Acq: 15 Jul 2024 12:36

Instrument :

BNA_M

ClientSampleId :

A4DP2DL

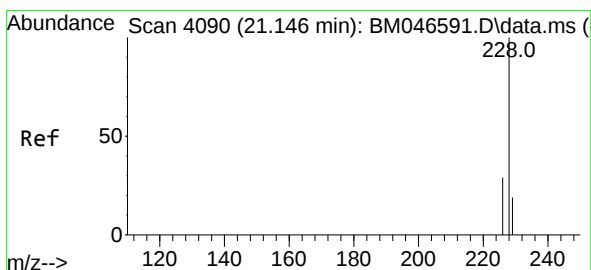
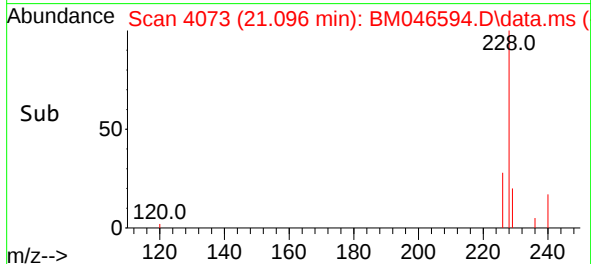
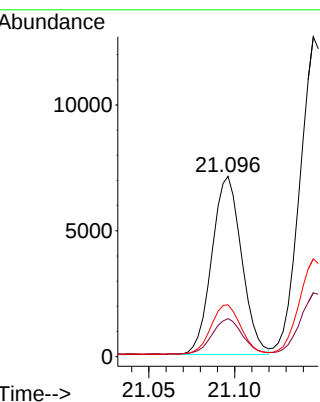
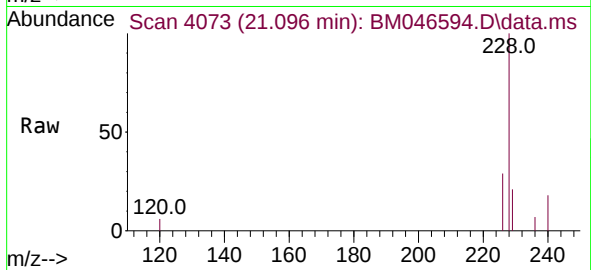
Tgt Ion:228 Resp: 8545

Ion Ratio Lower Upper

228 100

229 21.2 16.5 24.7

226 28.8 22.5 33.7



#22

Chrysene

Concen: 0.387 ng/ul

RT: 21.146 min Scan# 4090

Delta R.T. 0.006 min

Lab File: BM046594.D

Acq: 15 Jul 2024 12:36

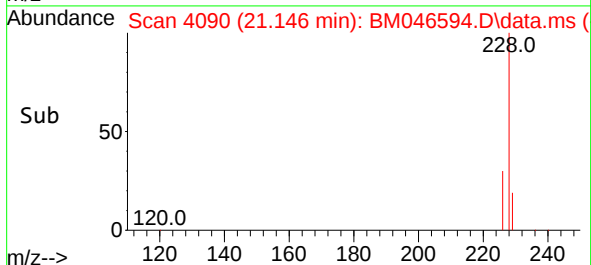
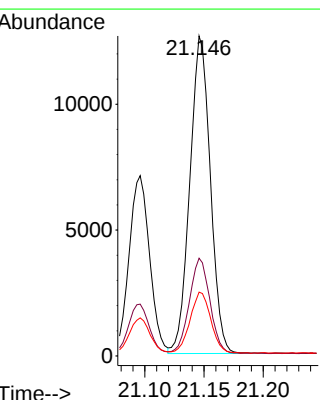
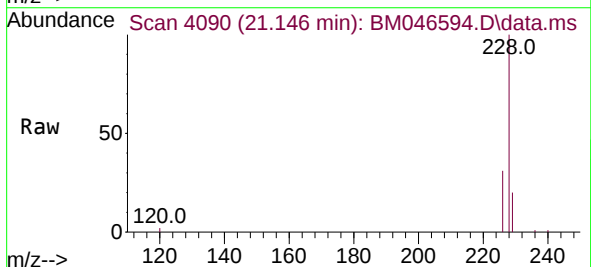
Tgt Ion:228 Resp: 15196

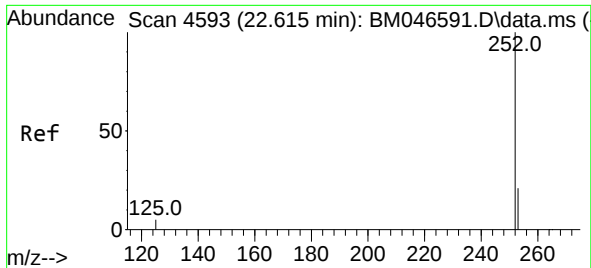
Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 19.9 16.4 24.6

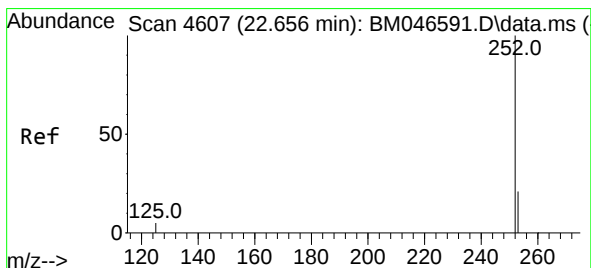
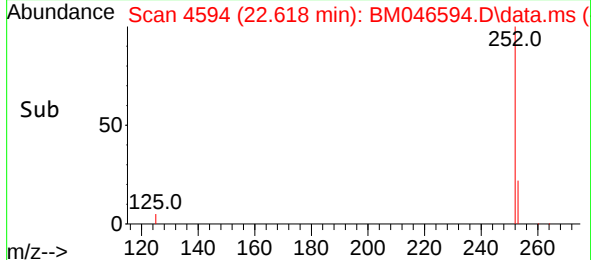
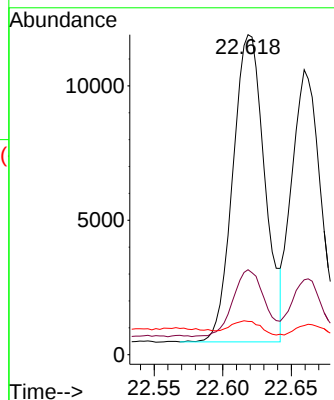
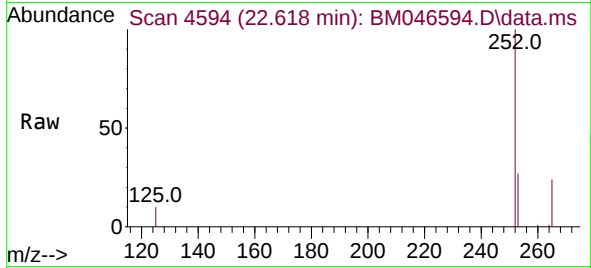




#24
Benzo(b)fluoranthene
Concen: 0.457 ng/ul
RT: 22.618 min Scan# 4594
Delta R.T. 0.008 min
Lab File: BM046594.D
Acq: 15 Jul 2024 12:36

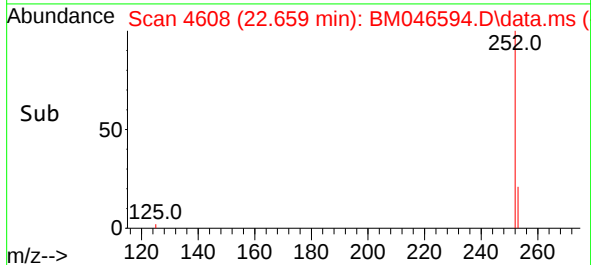
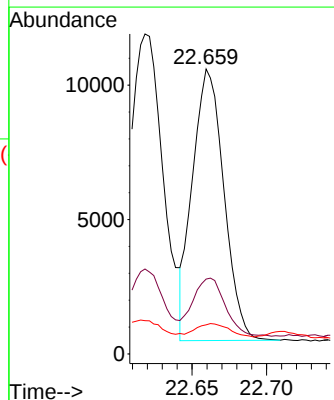
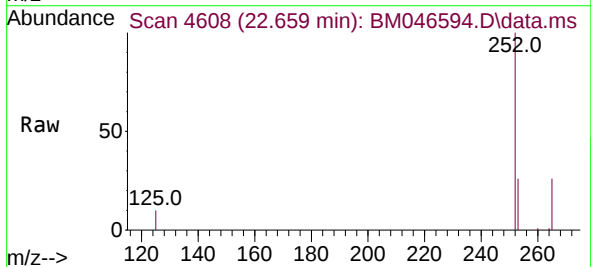
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BNA_M
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A4DP2DL

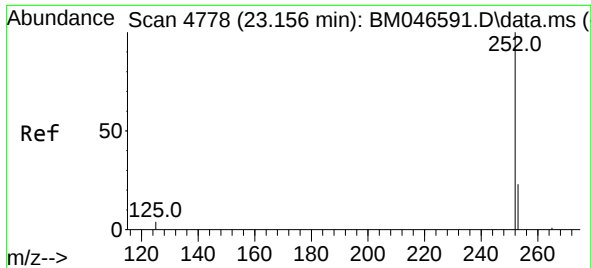
Tgt Ion:252 Resp: 18481
Ion Ratio Lower Upper
252 100
253 26.6 0.0 56.2
125 10.4 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 22.659 min Scan# 4608
Delta R.T. 0.008 min
Lab File: BM046594.D
Acq: 15 Jul 2024 12:36

Tgt Ion:252 Resp: 14784
Ion Ratio Lower Upper
252 100
253 26.3 22.4 33.6
125 10.2 7.0 10.4

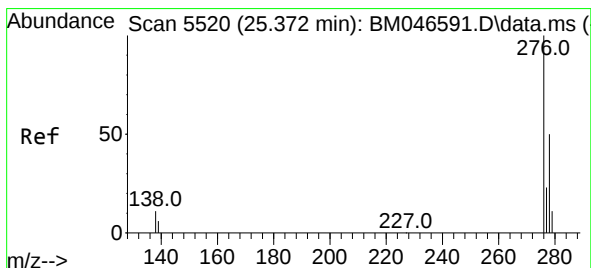
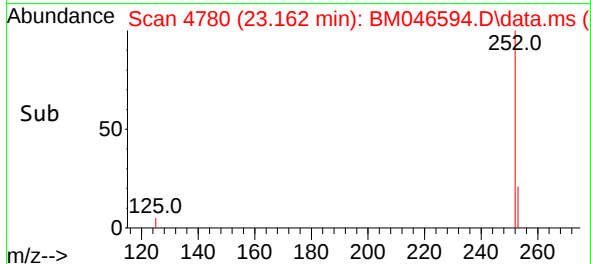
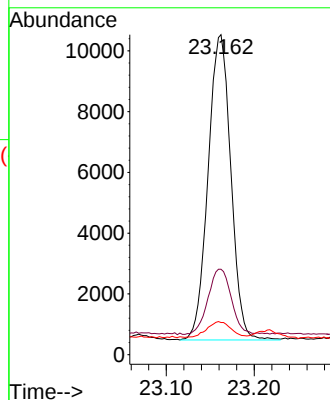
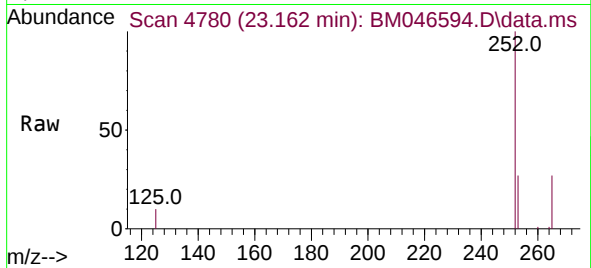




#26
Benzo(a)pyrene
Concen: 0.544 ng/ul
RT: 23.162 min Scan# 4778
Delta R.T. 0.011 min
Lab File: BM046594.D
Acq: 15 Jul 2024 12:36

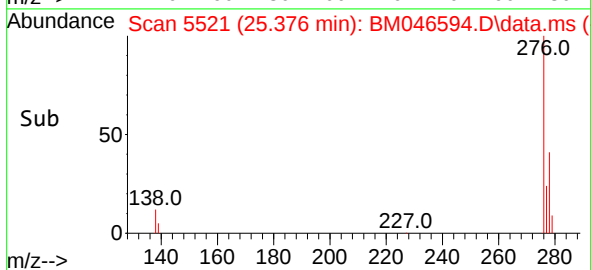
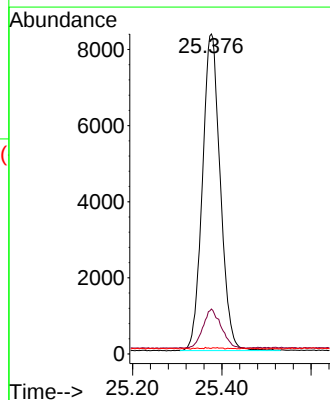
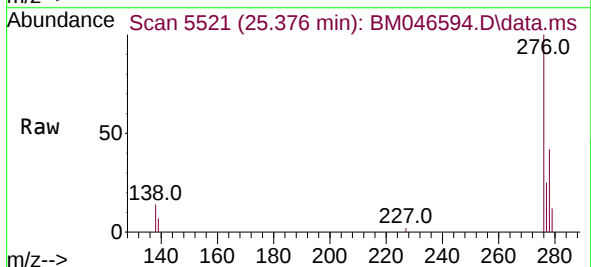
Instrument :
BNA_M
ClientSampleId :
A4DP2DL

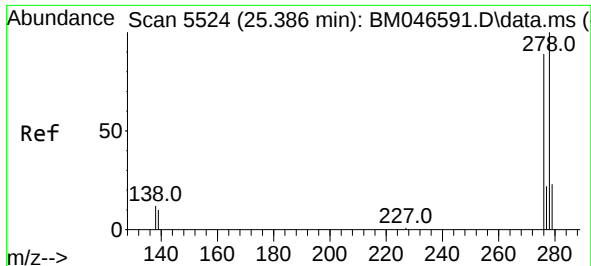
Tgt Ion:252	Resp:	18098
Ion Ratio	Lower	Upper
252	100	
253	26.7	24.0 36.0
125	10.0	8.2 12.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.456 ng/ul
RT: 25.376 min Scan# 5521
Delta R.T. 0.016 min
Lab File: BM046594.D
Acq: 15 Jul 2024 12:36

Tgt Ion:276	Resp:	23120
Ion Ratio	Lower	Upper
276	100	
138	12.6	0.0 0.0#
227	0.1	0.2 0.2#

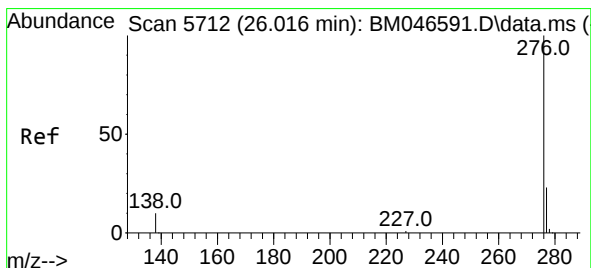
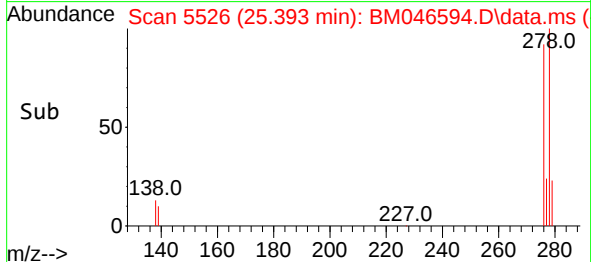
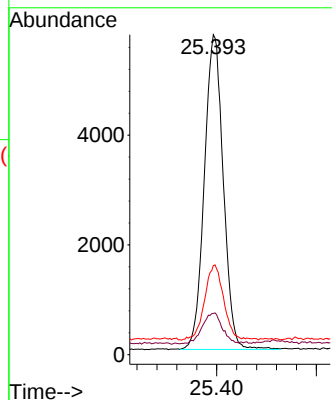
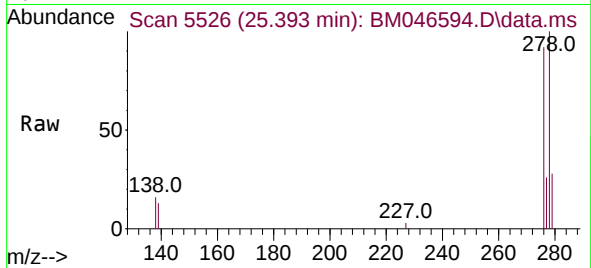




#28
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 25.393 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM046594.D
Acq: 15 Jul 2024 12:36

Instrument :
BNA_M
ClientSampleId :
A4DP2DL

Tgt Ion:278 Resp: 15131
Ion Ratio Lower Upper
278 100
139 12.9 9.1 13.7
279 27.8 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 26.017 min Scan# 5712
Delta R.T. 0.013 min
Lab File: BM046594.D
Acq: 15 Jul 2024 12:36

Tgt Ion:276 Resp: 15802
Ion Ratio Lower Upper
276 100
138 13.6 10.2 15.4
277 25.9 20.9 31.3

