

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046546.D
 Acq On : 12 Jul 2024 14:11
 Operator : MA/JU
 Sample : P3102-01DL2 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4DP3DL2

Quant Time: Jul 12 14:39:46 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)

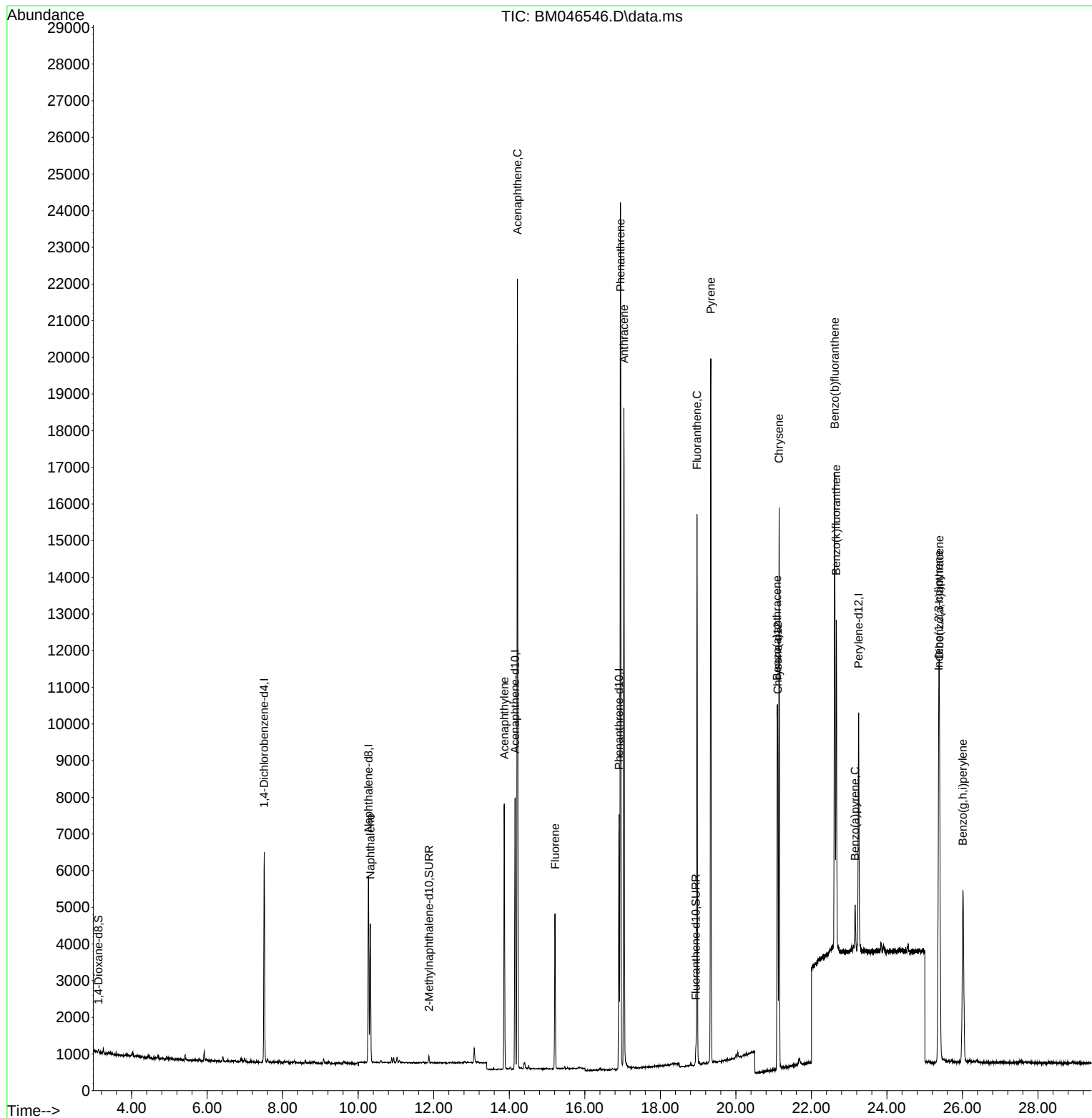
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	2744	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	6783	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.155	164	4115	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	8585	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	6638	0.400	ng/ul	0.00
23) Perylene-d12	23.250	264	7823	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	82	0.036	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	222	0.020	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	478	0.024	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.321	128	4945	0.287	ng/ul	97
10) Acenaphthylene	13.868	152	7921	0.423	ng/ul	97
11) Acenaphthene	14.215	153	12151	0.968	ng/ul	97
12) Fluorene	15.210	166	2582	0.166	ng/ul	96
15) Phenanthrene	16.943	178	24325	0.993	ng/ul	98
16) Anthracene	17.036	178	18522	0.775	ng/ul	98
19) Fluoranthene	18.970	202	14058	0.516	ng/ul#	98
20) Pyrene	19.337	202	16924	0.573	ng/ul	99
21) Benzo(a)anthracene	21.093	228	6905	0.235	ng/ul	99
22) Chrysene	21.146	228	12098	0.426	ng/ul	99
24) Benzo(b)fluoranthene	22.616	252	16090	0.515	ng/ul	96
25) Benzo(k)fluoranthene	22.659	252	11021	0.359	ng/ul	99
26) Benzo(a)pyrene	23.156	252	1787	0.069	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	25.370	276	14013	0.358	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.390	278	11295	0.365	ng/ul	97
29) Benzo(g,h,i)perylene	26.010	276	9878	0.316	ng/ul	100

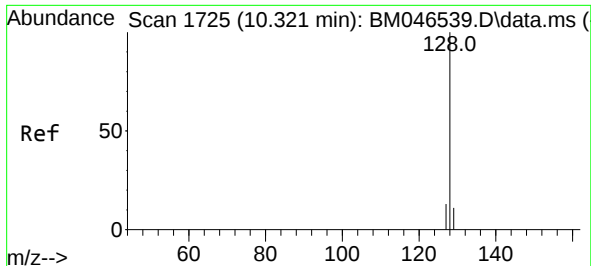
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 14:39:46 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

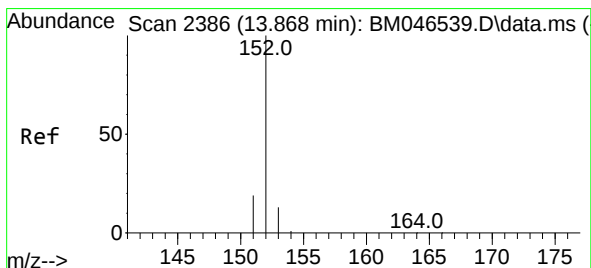
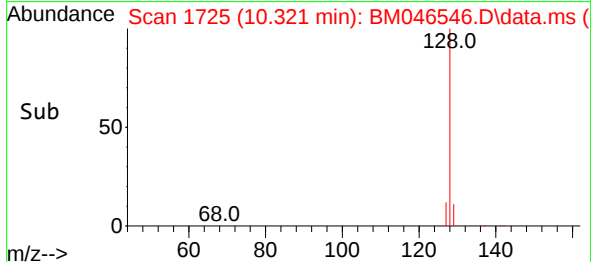
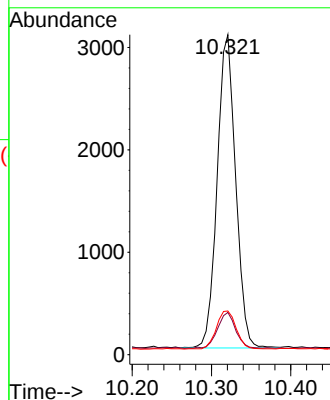
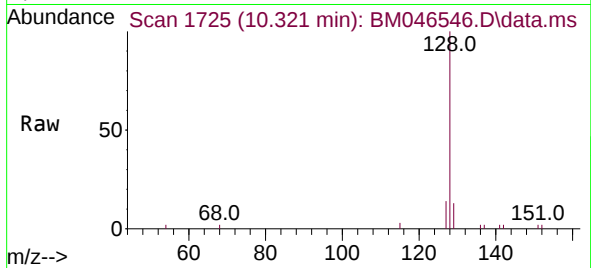




#5
Naphthalene
Concen: 0.287 ng/ul
RT: 10.321 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BM046546.D
Acq: 12 Jul 2024 14:11

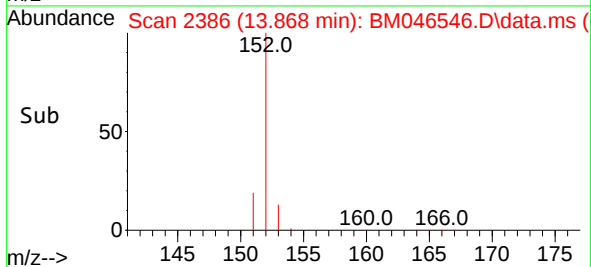
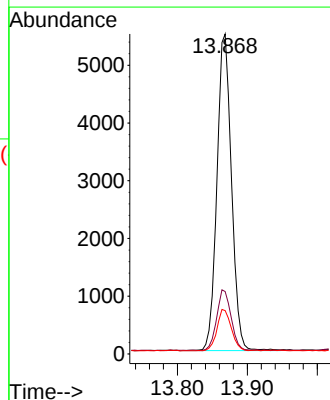
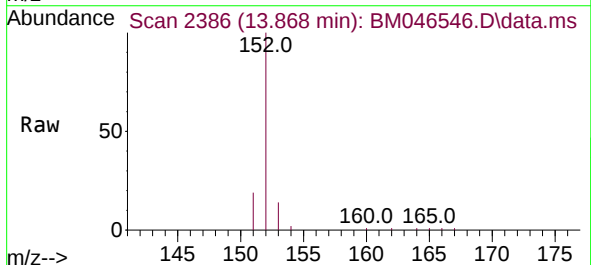
Instrument :
BNA_M
ClientSampleId :
A4DP3DL2

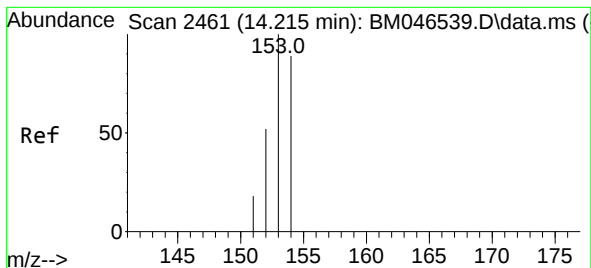
Tgt Ion:128	Resp:	4945
Ion Ratio	Lower	Upper
128	100	
129	13.2	10.3 15.5
127	13.6	12.2 18.4



#10
Acenaphthylene
Concen: 0.423 ng/ul
RT: 13.868 min Scan# 2386
Delta R.T. -0.003 min
Lab File: BM046546.D
Acq: 12 Jul 2024 14:11

Tgt Ion:152	Resp:	7921
Ion Ratio	Lower	Upper
152	100	
151	19.5	16.4 24.6
153	13.5	12.4 18.6





#11

Acenaphthene

Concen: 0.968 ng/ul

RT: 14.215 min Scan# 2461

Delta R.T. -0.003 min

Lab File: BM046546.D

Acq: 12 Jul 2024 14:11

Instrument :

BNA_M

ClientSampleId :

A4DP3DL2

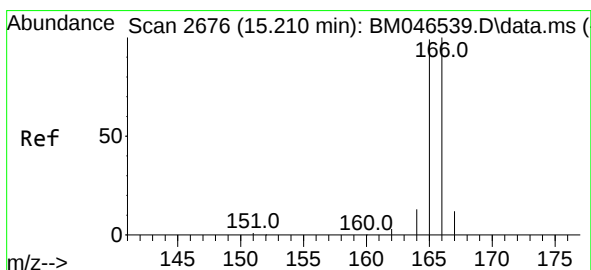
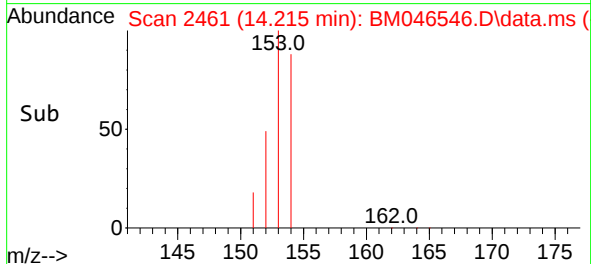
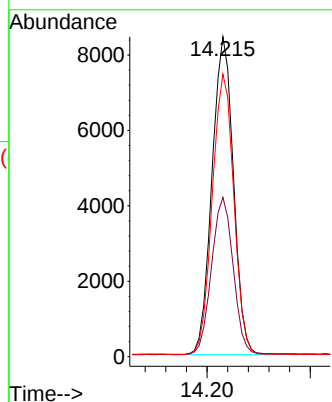
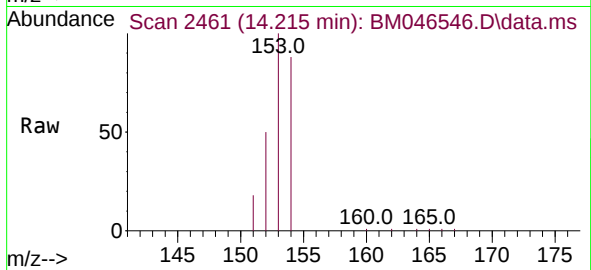
Tgt Ion:153 Resp: 12151

Ion Ratio Lower Upper

153 100

152 49.8 43.0 64.6

154 88.3 69.9 104.9



#12

Fluorene

Concen: 0.166 ng/ul

RT: 15.210 min Scan# 2676

Delta R.T. -0.003 min

Lab File: BM046546.D

Acq: 12 Jul 2024 14:11

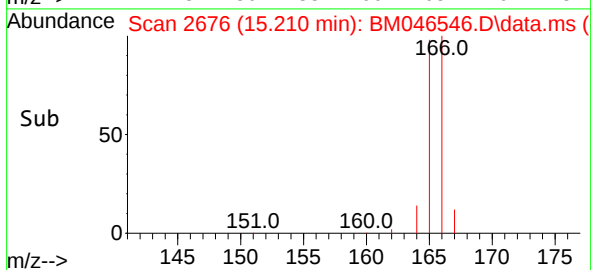
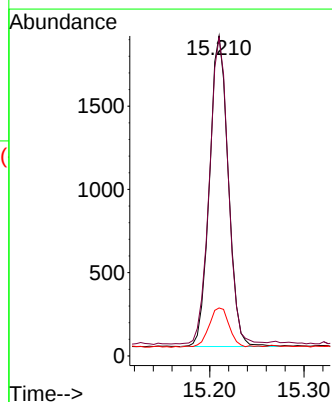
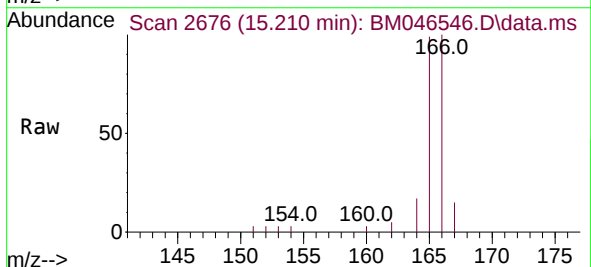
Tgt Ion:166 Resp: 2582

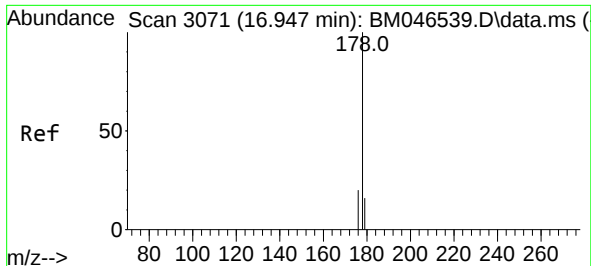
Ion Ratio Lower Upper

166 100

165 99.4 76.1 114.1

167 15.0 12.5 18.7

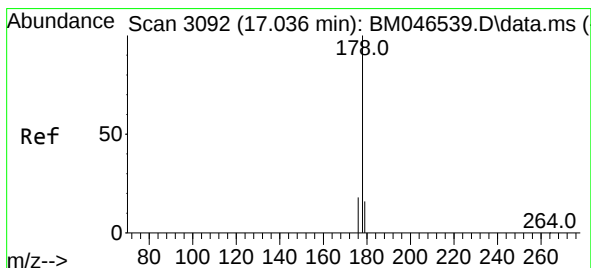
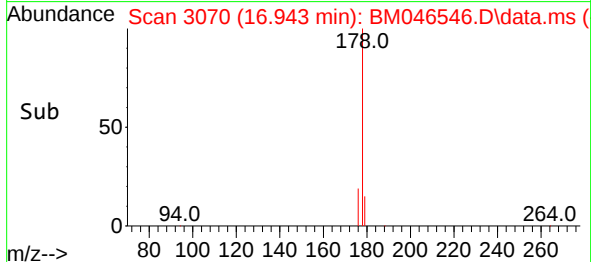
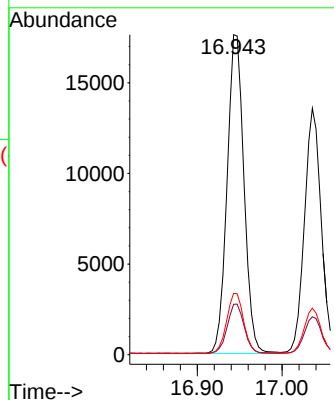
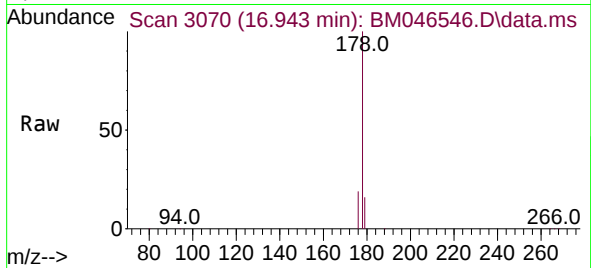




#15
Phenanthrene
Concen: 0.993 ng/u1
RT: 16.943 min Scan# 3070
Delta R.T. -0.007 min
Lab File: BM046546.D
Acq: 12 Jul 2024 14:11

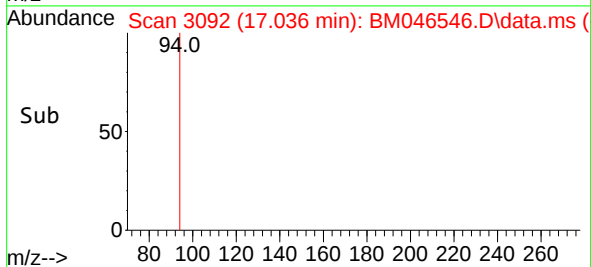
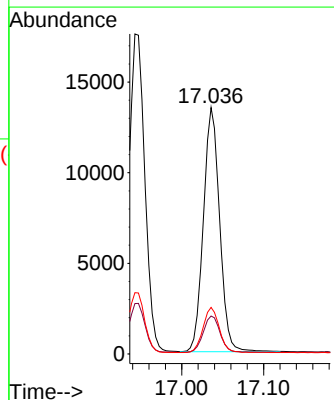
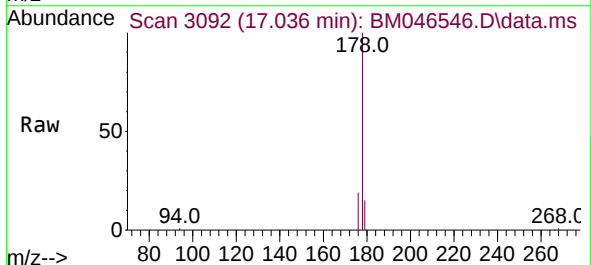
Instrument :
BNA_M
ClientSampleId :
A4DP3DL2

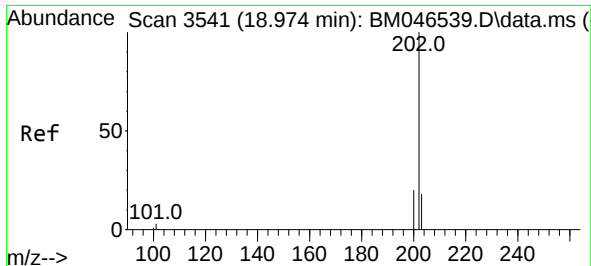
Tgt Ion:178 Resp: 24325
Ion Ratio Lower Upper
178 100
179 15.8 13.1 19.7
176 19.1 16.0 24.0



#16
Anthracene
Concen: 0.775 ng/u1
RT: 17.036 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BM046546.D
Acq: 12 Jul 2024 14:11

Tgt Ion:178 Resp: 18522
Ion Ratio Lower Upper
178 100
179 15.4 13.5 20.3
176 18.9 15.7 23.5

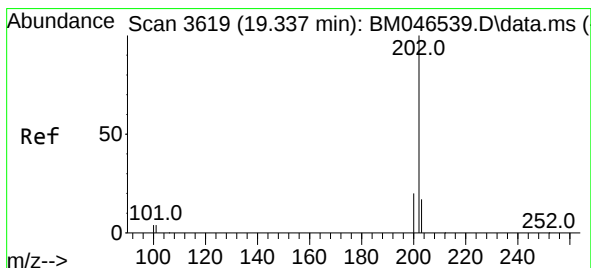
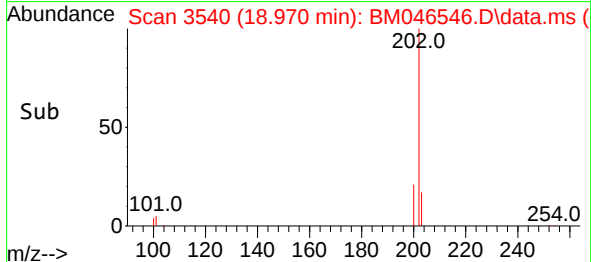
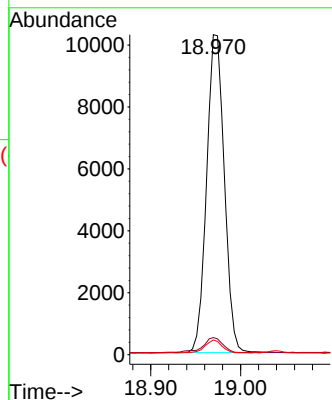
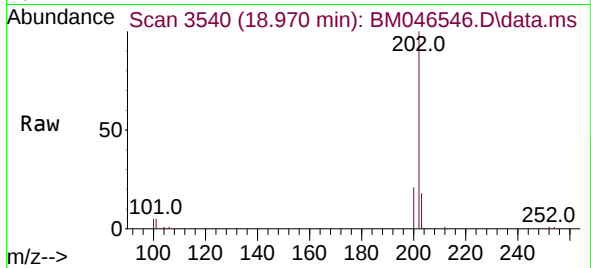




#19
Fluoranthene
Concen: 0.516 ng/ul
RT: 18.970 min Scan# 3541
Delta R.T. -0.008 min
Lab File: BM046546.D
Acq: 12 Jul 2024 14:11

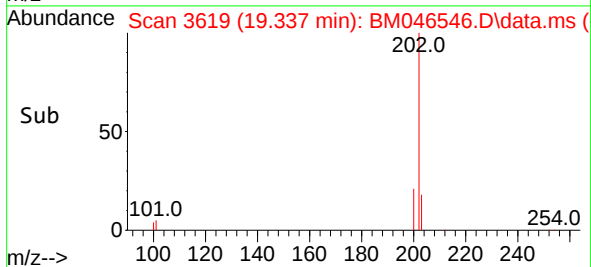
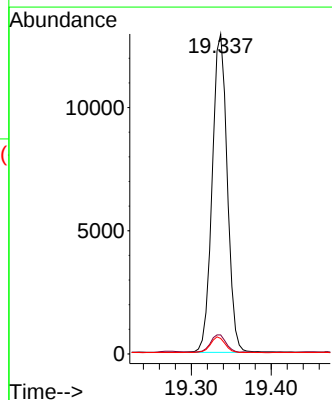
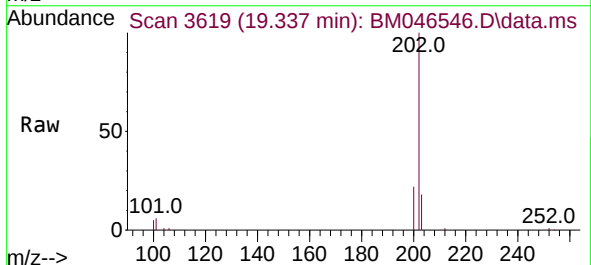
Instrument :
BNA_M
ClientSampleId :
A4DP3DL2

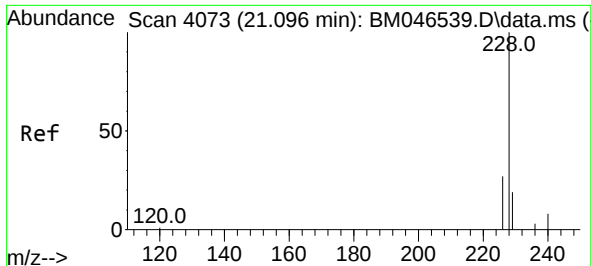
Tgt Ion:202 Resp: 14058
Ion Ratio Lower Upper
202 100
101 5.4 4.6 6.8
100 4.6 3.0 4.6#



#20
Pyrene
Concen: 0.573 ng/ul
RT: 19.337 min Scan# 3619
Delta R.T. -0.003 min
Lab File: BM046546.D
Acq: 12 Jul 2024 14:11

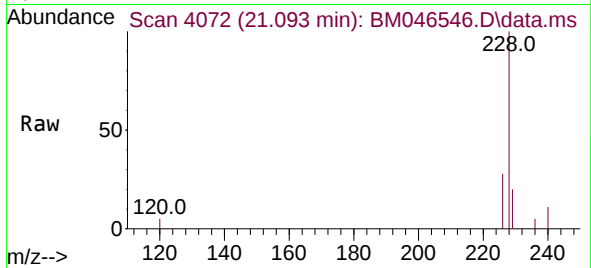
Tgt Ion:202 Resp: 16924
Ion Ratio Lower Upper
202 100
101 5.9 5.1 7.7
100 4.9 3.8 5.6



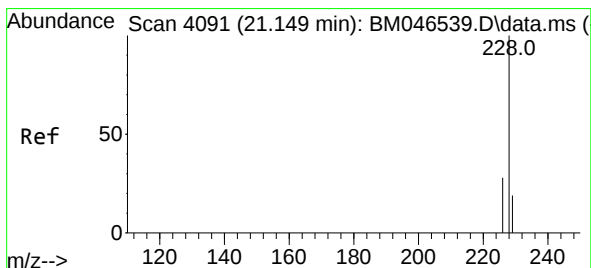
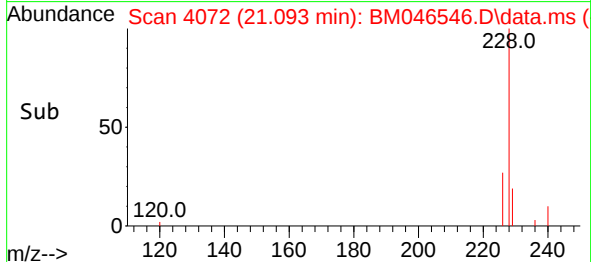
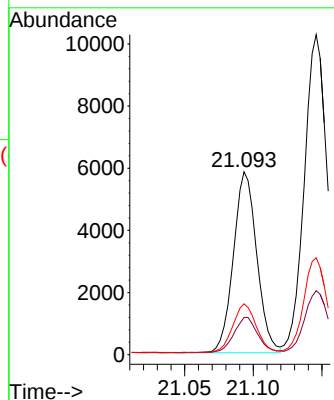


#21
Benzo(a)anthracene
Concen: 0.235 ng/ul
RT: 21.093 min Scan# 4072
Delta R.T. -0.003 min
Lab File: BM046546.D
Acq: 12 Jul 2024 14:11

Instrument :
BNA_M
ClientSampleId :
A4DP3DL2

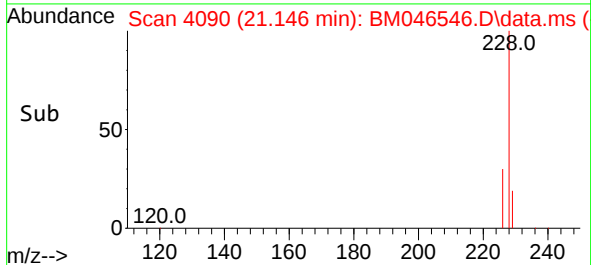
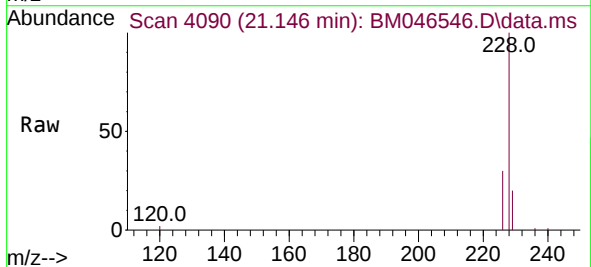
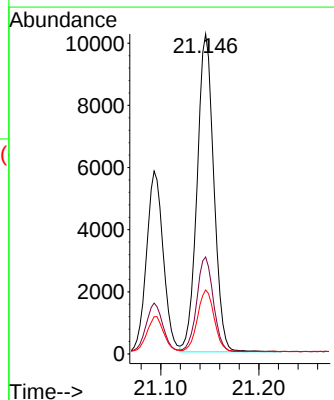


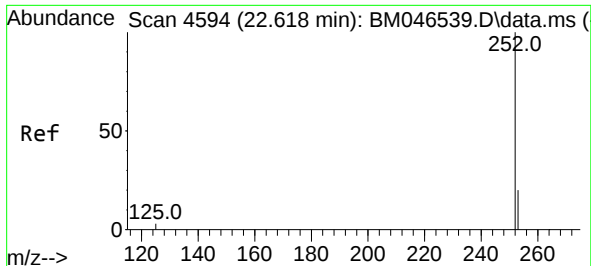
Tgt Ion:228 Resp: 6905
Ion Ratio Lower Upper
228 100
229 20.4 16.5 24.7
226 27.8 22.5 33.7



#22
Chrysene
Concen: 0.426 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. -0.003 min
Lab File: BM046546.D
Acq: 12 Jul 2024 14:11

Tgt Ion:228 Resp: 12098
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 20.0 16.4 24.6

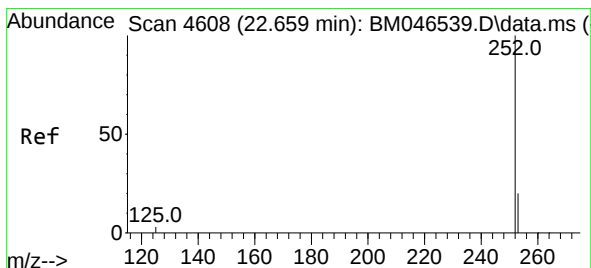
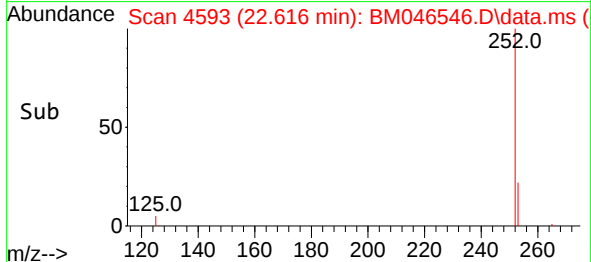
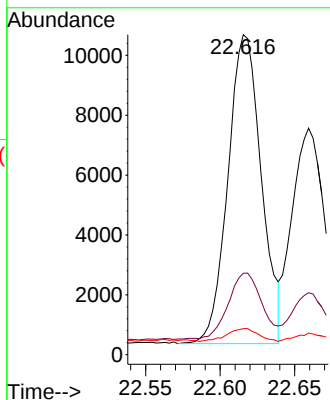
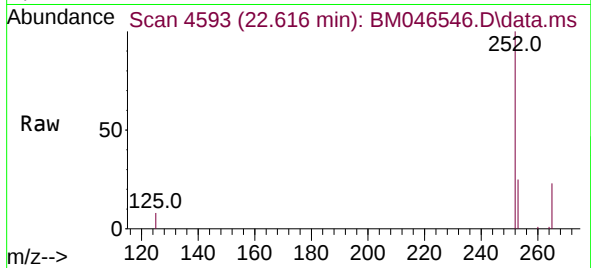




#24
Benzo(b)fluoranthene
Concen: 0.515 ng/ul
RT: 22.616 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046546.D
Acq: 12 Jul 2024 14:11

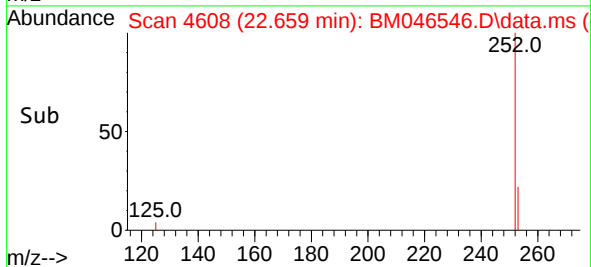
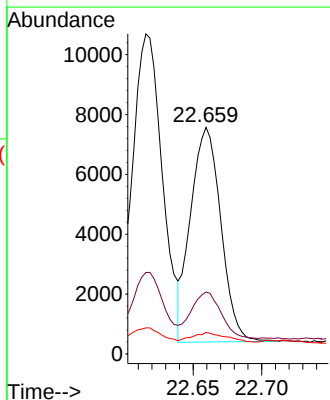
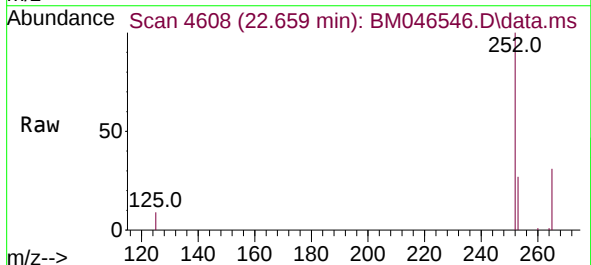
Instrument :
BNA_M
ClientSampleId :
A4DP3DL2

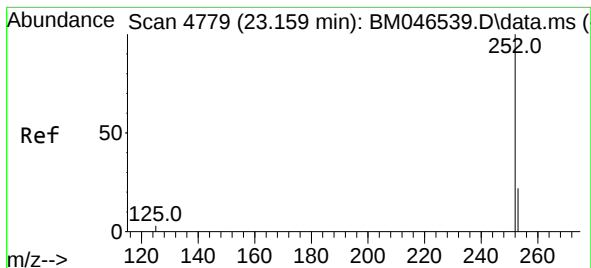
Tgt Ion:252 Resp: 16090
Ion Ratio Lower Upper
252 100
253 25.5 0.0 56.2
125 8.2 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 22.659 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046546.D
Acq: 12 Jul 2024 14:11

Tgt Ion:252 Resp: 11021
Ion Ratio Lower Upper
252 100
253 27.3 22.4 33.6
125 9.5 7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.069 ng/ul

RT: 23.156 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM046546.D

Acq: 12 Jul 2024 14:11

Instrument :

BNA_M

ClientSampleId :

A4DP3DL2

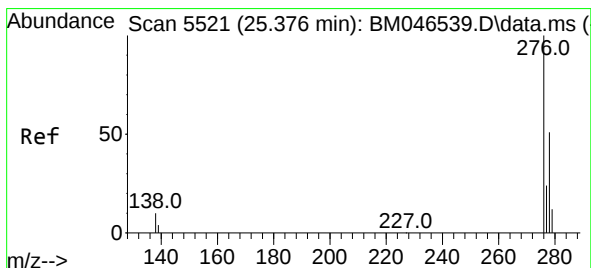
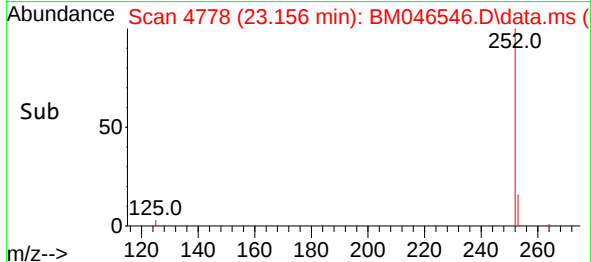
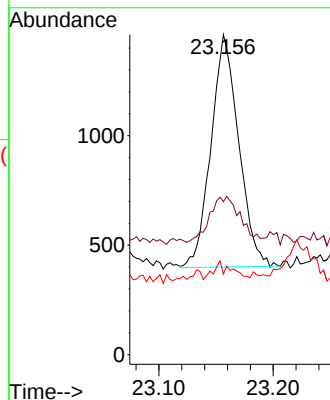
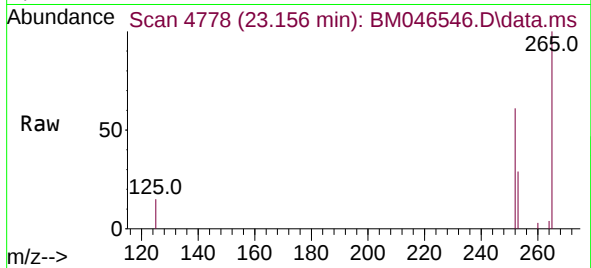
Tgt Ion:252 Resp: 1787

Ion Ratio Lower Upper

252 100

253 47.8 24.0 36.0#

125 25.1 8.2 12.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.358 ng/ul

RT: 25.370 min Scan# 5519

Delta R.T. -0.014 min

Lab File: BM046546.D

Acq: 12 Jul 2024 14:11

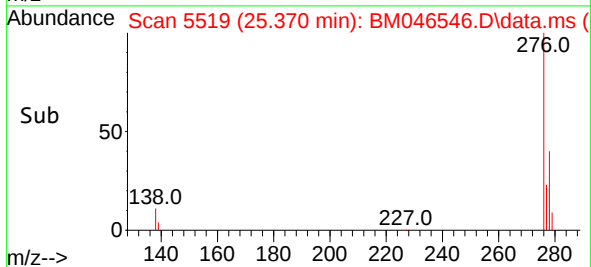
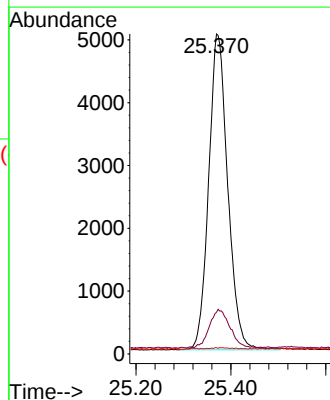
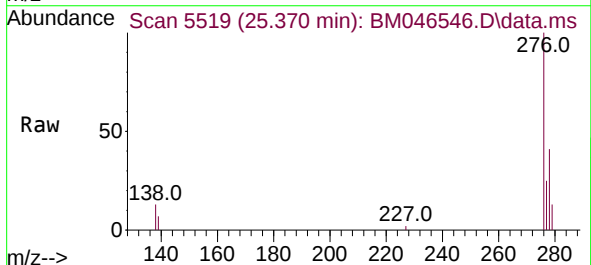
Tgt Ion:276 Resp: 14013

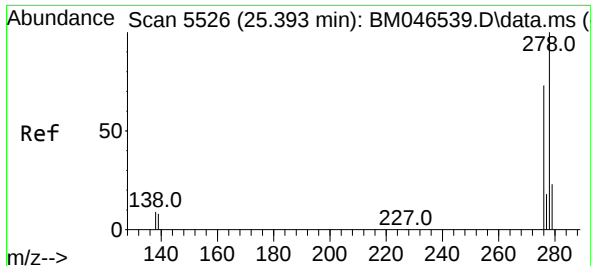
Ion Ratio Lower Upper

276 100

138 12.7 0.0 0.0#

227 0.3 0.2 0.2#

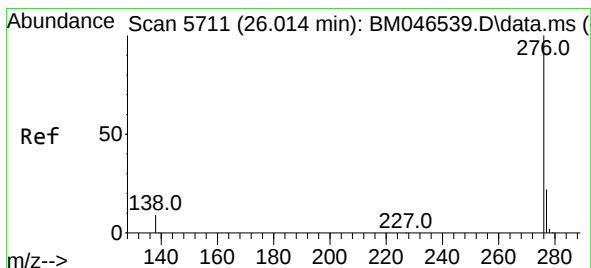
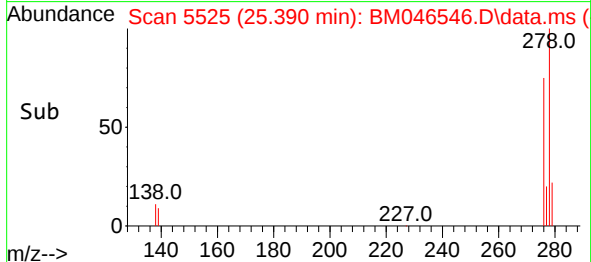
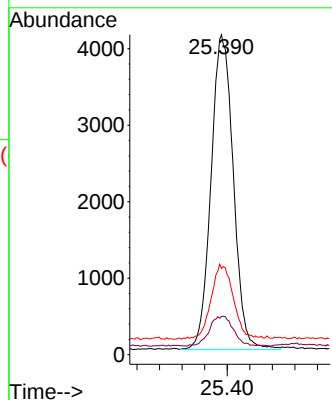
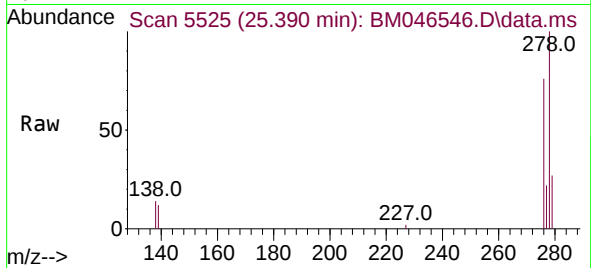




#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 25.390 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046546.D
Acq: 12 Jul 2024 14:11

Instrument :
BNA_M
ClientSampleId :
A4DP3DL2

Tgt Ion:278 Resp: 11295
Ion Ratio Lower Upper
278 100
139 12.0 9.1 13.7
279 26.9 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.316 ng/ul
RT: 26.010 min Scan# 5710
Delta R.T. -0.010 min
Lab File: BM046546.D
Acq: 12 Jul 2024 14:11

Tgt Ion:276 Resp: 9878
Ion Ratio Lower Upper
276 100
138 13.2 10.2 15.4
277 26.2 20.9 31.3

