

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046543.D
 Acq On : 12 Jul 2024 12:16
 Operator : MA/JU
 Sample : P3102-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4DP3

Quant Time: Jul 12 12:47:29 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)

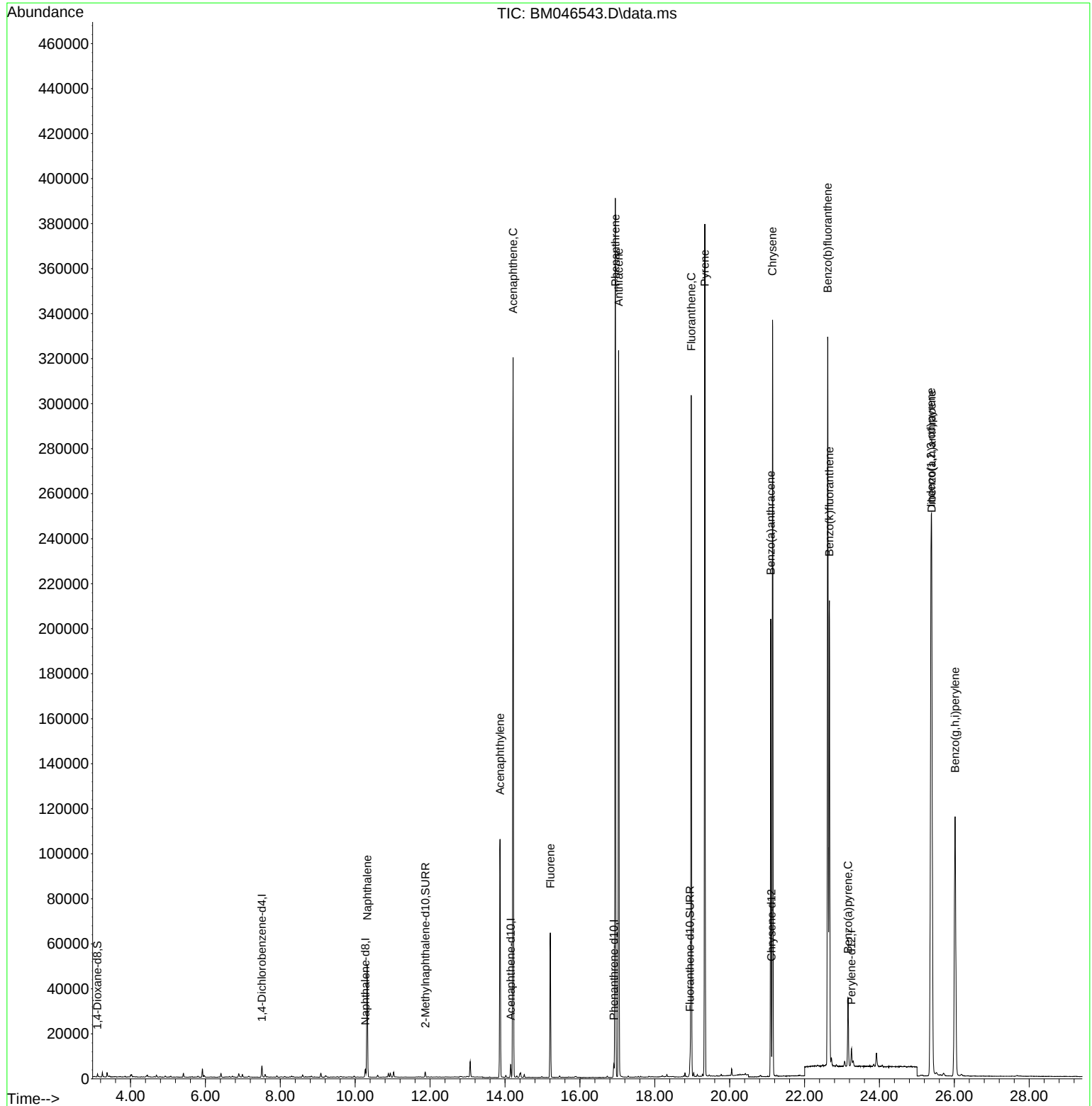
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	1933	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	4754	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.150	164	3102	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	7220	0.400	ng/ul	0.00
17) Chrysene-d12	21.114	240	7800	0.400	ng/ul	# 0.00
23) Perylene-d12	23.253	264	9469	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	779	0.490	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	2759	0.360	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	8681	0.366	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.320	128	66478	5.497	ng/ul	95
10) Acenaphthylene	13.868	152	115186	8.157	ng/ul	96
11) Acenaphthene	14.215	153	178023	18.817	ng/ul	95
12) Fluorene	15.210	166	40481	3.458	ng/ul	97
15) Phenanthrene	16.947	178	398106	19.322	ng/ul	98
16) Anthracene	17.036	178	316204	15.727	ng/ul	97
19) Fluoranthene	18.974	202	268560	8.382	ng/ul	98
20) Pyrene	19.337	202	338221	9.751	ng/ul	98
21) Benzo(a)anthracene	21.096	228	164283	4.761	ng/ul	98
22) Chrysene	21.146	228	270414	8.099	ng/ul	99
24) Benzo(b)fluoranthene	22.618	252	379862	10.044	ng/ul	89
25) Benzo(k)fluoranthene	22.662	252	252265	6.794	ng/ul#	90
26) Benzo(a)pyrene	23.162	252	41994	1.349	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.376	276	329945	6.965	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.396	278	258757	6.900	ng/ul	92
29) Benzo(g,h,i)perylene	26.020	276	231029	6.112	ng/ul	97

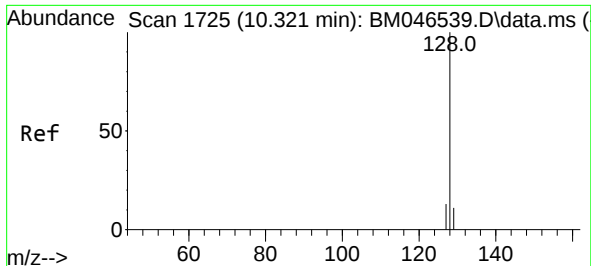
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
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BNA_M
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Quant Time: Jul 12 12:47:29 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

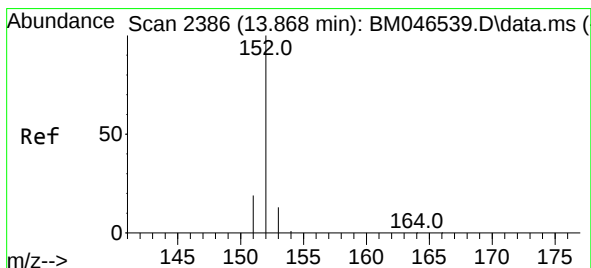
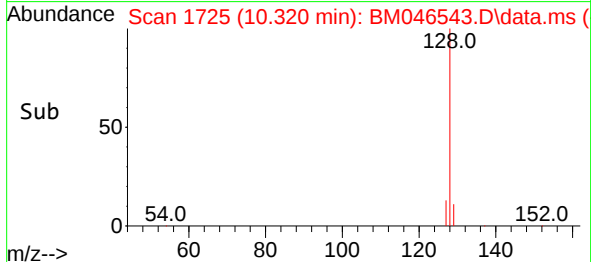
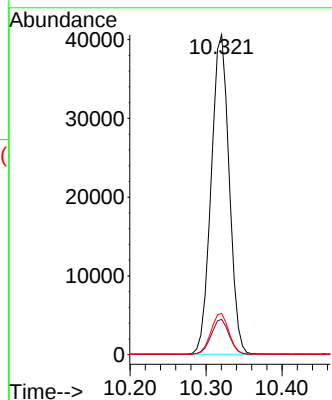
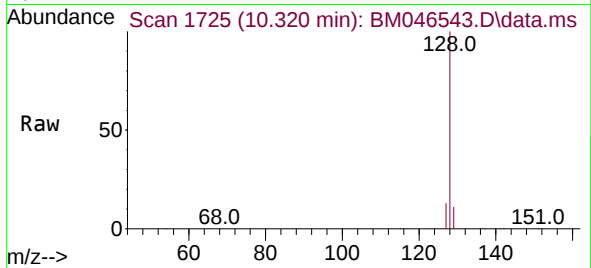




#5
Naphthalene
Concen: 5.497 ng/ul
RT: 10.320 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BM046543.D
Acq: 12 Jul 2024 12:16

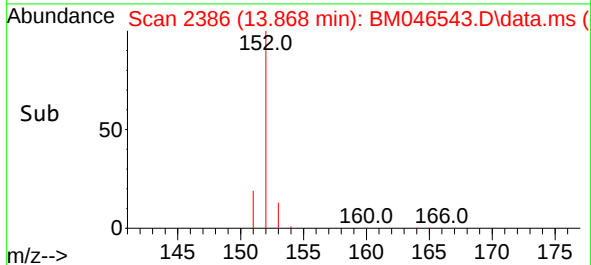
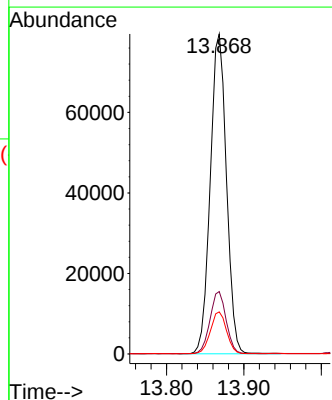
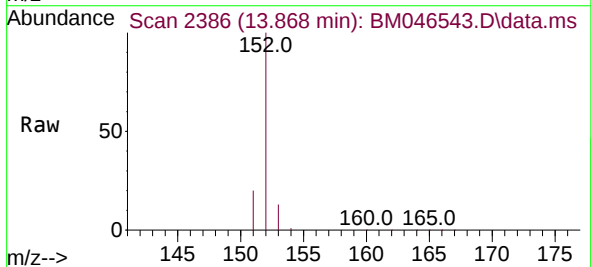
Instrument :
BNA_M
ClientSampleId :
A4DP3

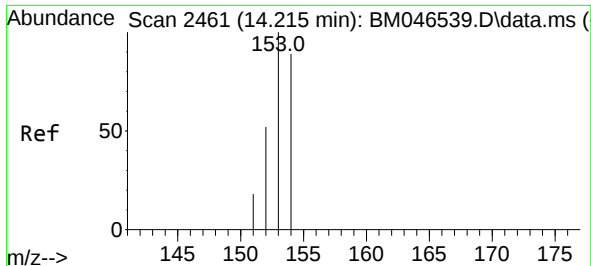
Tgt Ion:	128	Resp:	66478
Ion Ratio	Lower	Upper	
128	100		
129	11.1	10.3	15.5
127	12.9	12.2	18.4



#10
Acenaphthylene
Concen: 8.157 ng/ul
RT: 13.868 min Scan# 2386
Delta R.T. -0.003 min
Lab File: BM046543.D
Acq: 12 Jul 2024 12:16

Tgt Ion:	152	Resp:	115186
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.4	24.6
153	13.2	12.4	18.6

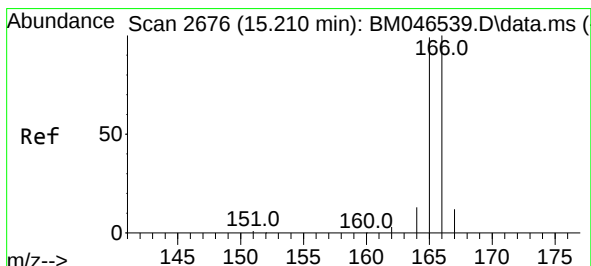
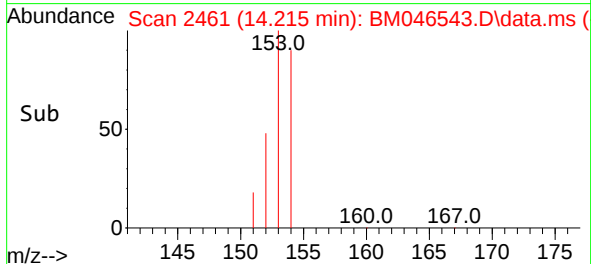
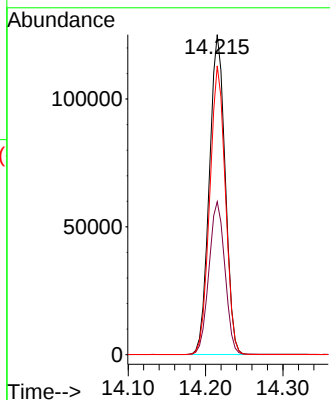
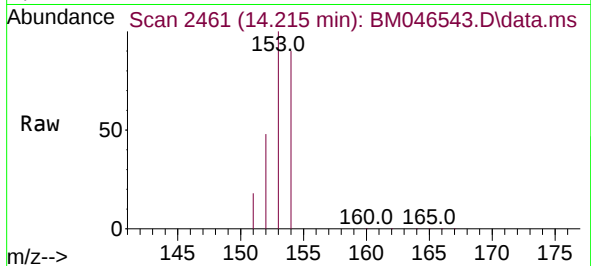




#11
Acenaphthene
Concen: 18.817 ng/ul
RT: 14.215 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BM046543.D
Acq: 12 Jul 2024 12:16

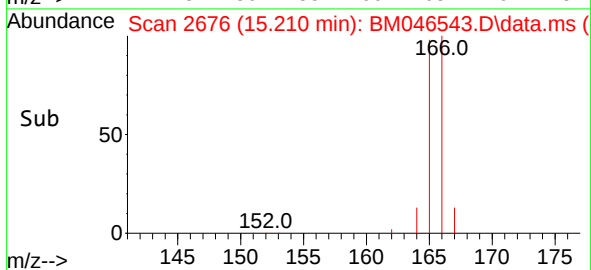
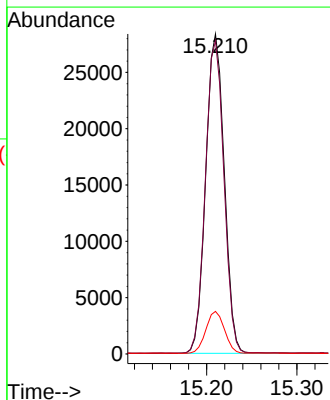
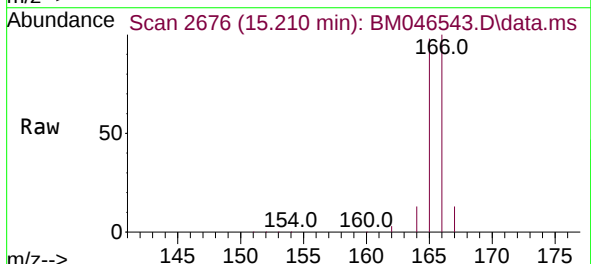
Instrument :
BNA_M
ClientSampleId :
A4DP3

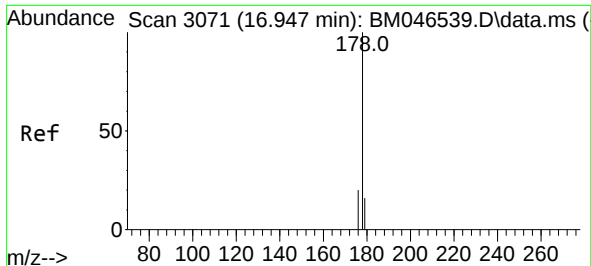
Tgt Ion:153 Resp: 178023
Ion Ratio Lower Upper
153 100
152 47.8 43.0 64.6
154 90.3 69.9 104.9



#12
Fluorene
Concen: 3.458 ng/ul
RT: 15.210 min Scan# 2676
Delta R.T. -0.003 min
Lab File: BM046543.D
Acq: 12 Jul 2024 12:16

Tgt Ion:166 Resp: 40481
Ion Ratio Lower Upper
166 100
165 97.9 76.1 114.1
167 13.3 12.5 18.7

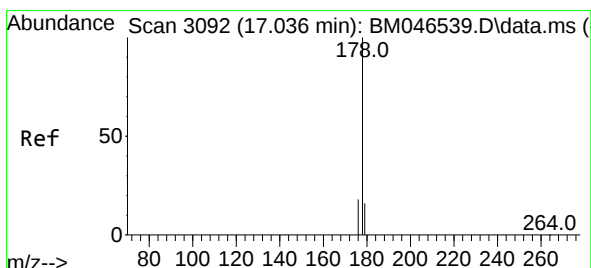
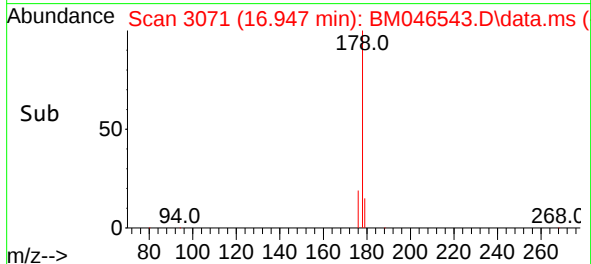
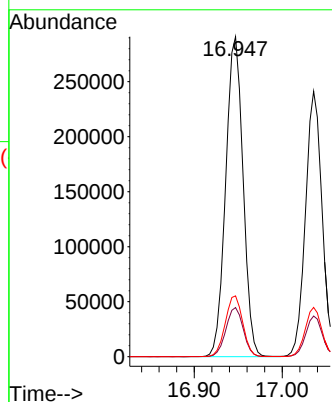
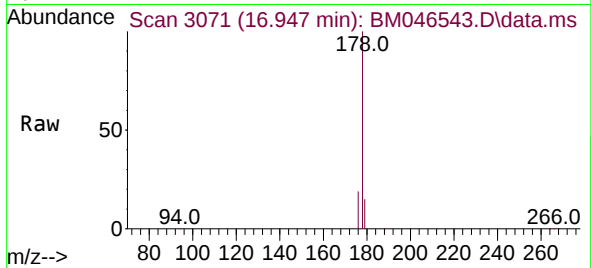




#15
Phenanthrene
Concen: 19.322 ng/ul
RT: 16.947 min Scan# 3071
Delta R.T. -0.003 min
Lab File: BM046543.D
Acq: 12 Jul 2024 12:16

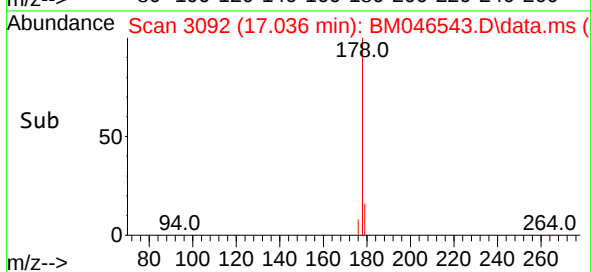
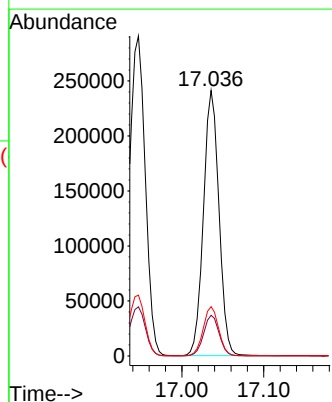
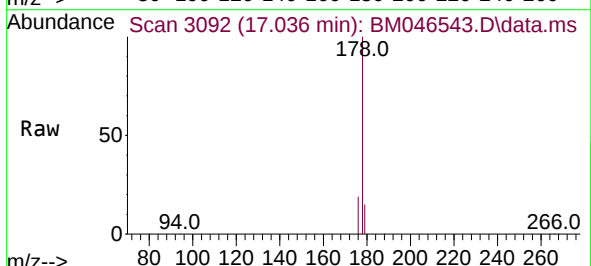
Instrument :
BNA_M
ClientSampleId :
A4DP3

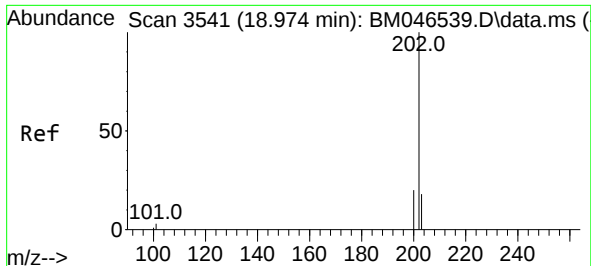
Tgt Ion:178 Resp: 398106
Ion Ratio Lower Upper
178 100
179 15.4 13.1 19.7
176 19.0 16.0 24.0



#16
Anthracene
Concen: 15.727 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BM046543.D
Acq: 12 Jul 2024 12:16

Tgt Ion:178 Resp: 316204
Ion Ratio Lower Upper
178 100
179 15.3 13.5 20.3
176 18.6 15.7 23.5

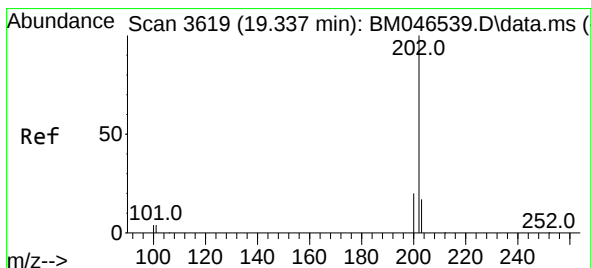
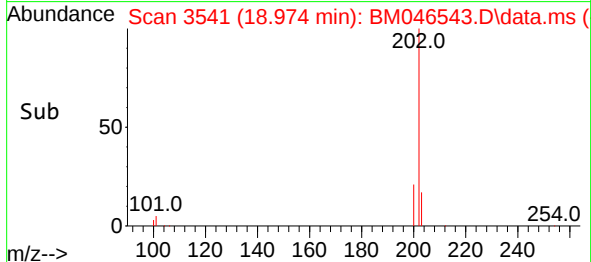
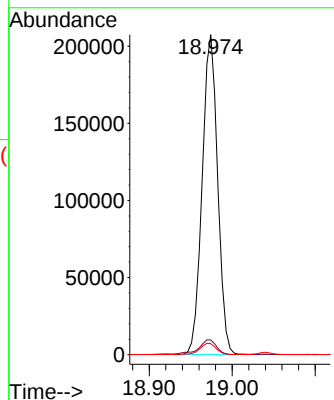
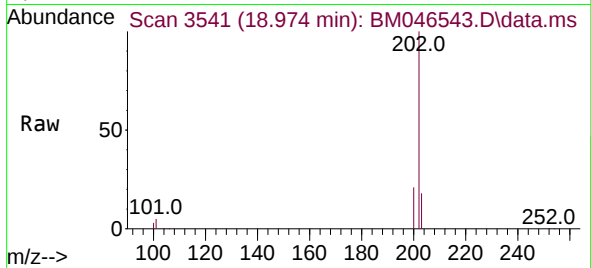




#19
Fluoranthene
Concen: 8.382 ng/ul
RT: 18.974 min Scan# 3541
Delta R.T. -0.003 min
Lab File: BM046543.D
Acq: 12 Jul 2024 12:16

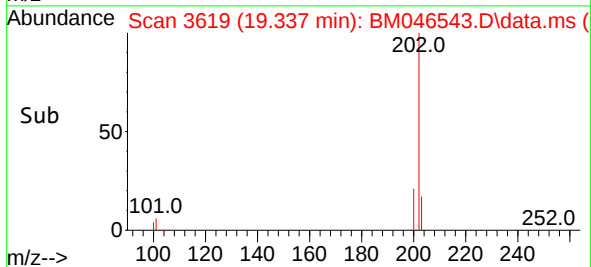
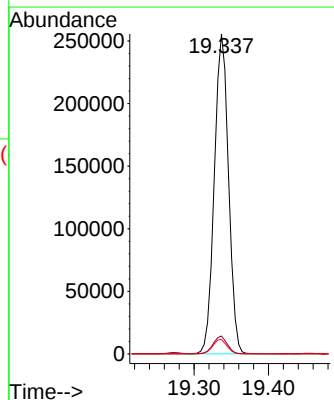
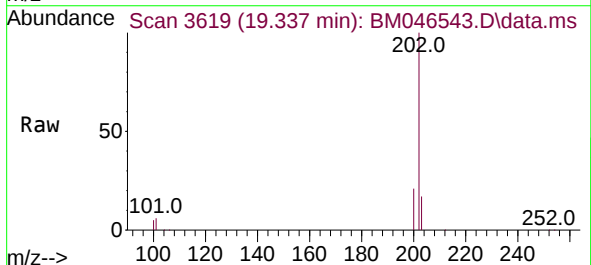
Instrument :
BNA_M
ClientSampleId :
A4DP3

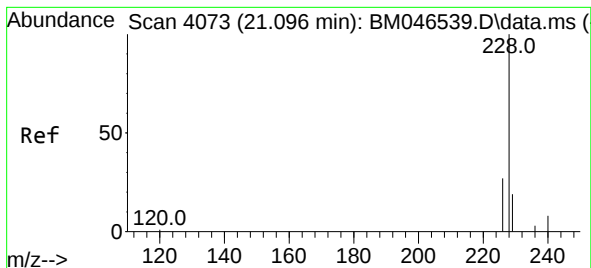
Tgt Ion:202 Resp: 268560
Ion Ratio Lower Upper
202 100
101 4.6 4.6 6.8
100 3.4 3.0 4.6



#20
Pyrene
Concen: 9.751 ng/ul
RT: 19.337 min Scan# 3619
Delta R.T. -0.003 min
Lab File: BM046543.D
Acq: 12 Jul 2024 12:16

Tgt Ion:202 Resp: 338221
Ion Ratio Lower Upper
202 100
101 5.6 5.1 7.7
100 4.5 3.8 5.6





#21

Benzo(a)anthracene

Concen: 4.761 ng/ul

RT: 21.096 min Scan# 4073

Delta R.T. -0.000 min

Lab File: BM046543.D

Acq: 12 Jul 2024 12:16

Instrument :

BNA_M

ClientSampleId :

A4DP3

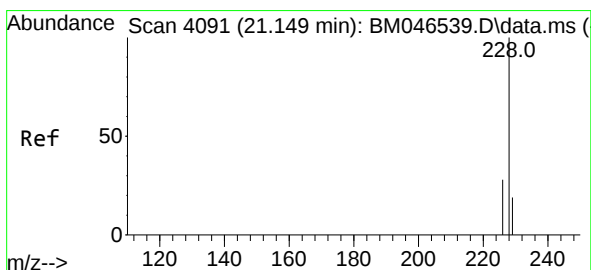
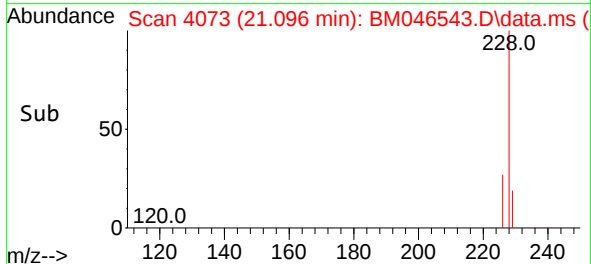
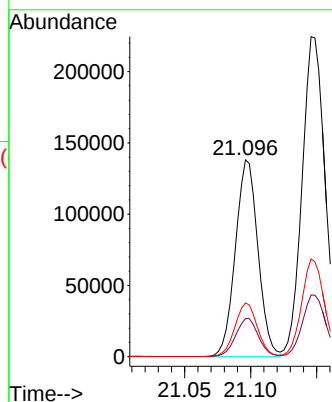
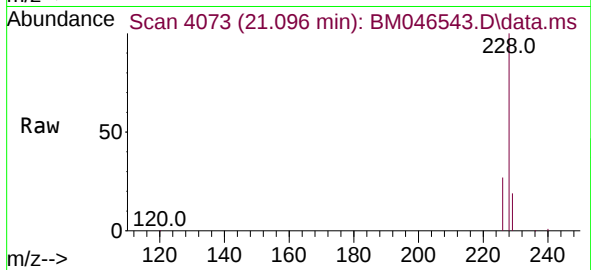
Tgt Ion:228 Resp: 164283

Ion Ratio Lower Upper

228 100

229 19.4 16.5 24.7

226 27.4 22.5 33.7



#22

Chrysene

Concen: 8.099 ng/ul

RT: 21.146 min Scan# 4090

Delta R.T. -0.003 min

Lab File: BM046543.D

Acq: 12 Jul 2024 12:16

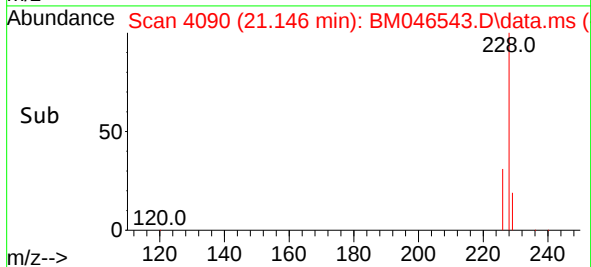
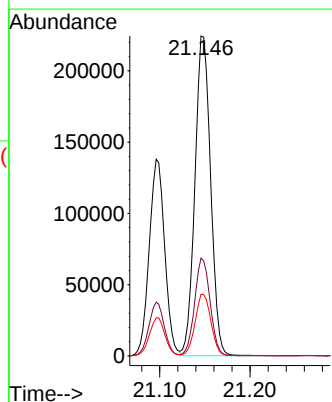
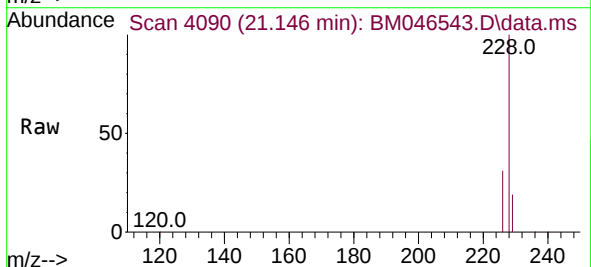
Tgt Ion:228 Resp: 270414

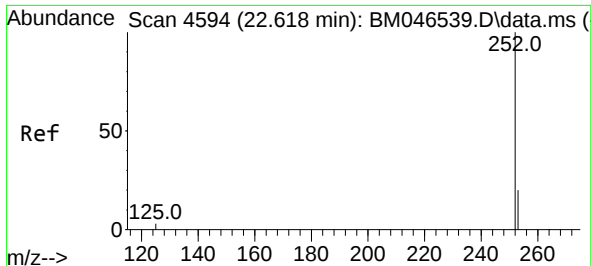
Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 19.3 16.4 24.6

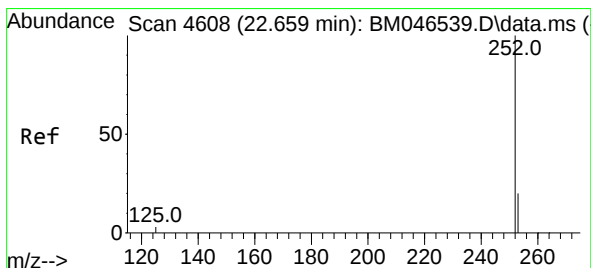
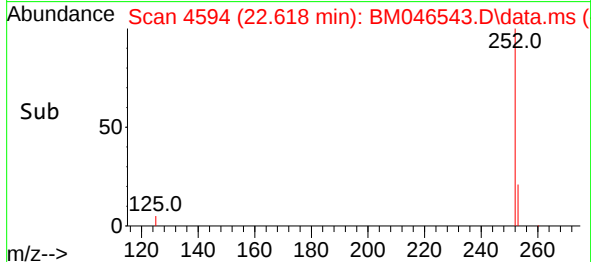
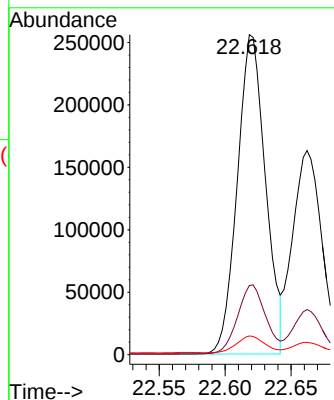
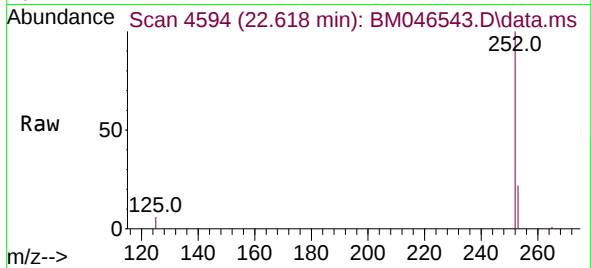




#24
Benzo(b)fluoranthene
Concen: 10.044 ng/ul
RT: 22.618 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046543.D
Acq: 12 Jul 2024 12:16

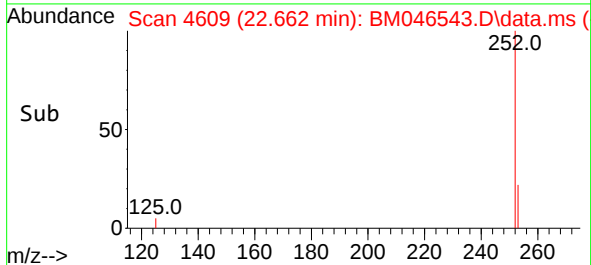
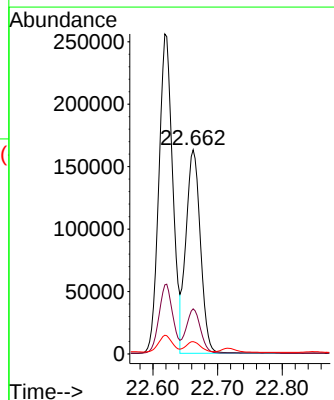
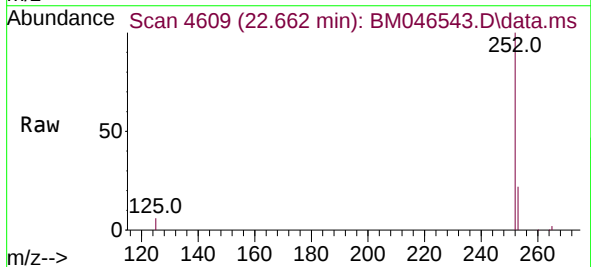
Instrument :
BNA_M
ClientSampleId :
A4DP3

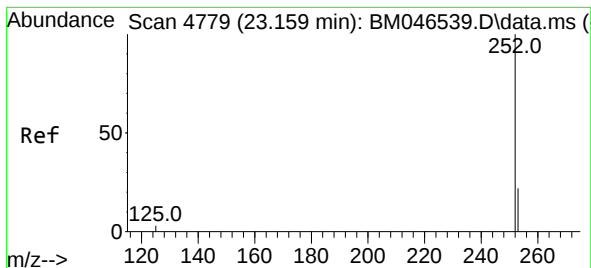
Tgt Ion:252 Resp: 379862
Ion Ratio Lower Upper
252 100
253 21.6 0.0 56.2
125 5.8 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 6.794 ng/ul
RT: 22.662 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM046543.D
Acq: 12 Jul 2024 12:16

Tgt Ion:252 Resp: 252265
Ion Ratio Lower Upper
252 100
253 22.1 22.4 33.6#
125 6.0 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 1.349 ng/ul

RT: 23.162 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM046543.D

Acq: 12 Jul 2024 12:16

Instrument :

BNA_M

ClientSampleId :

A4DP3

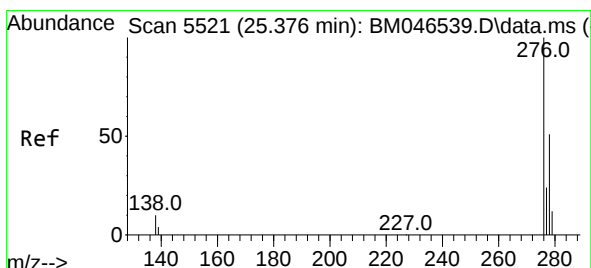
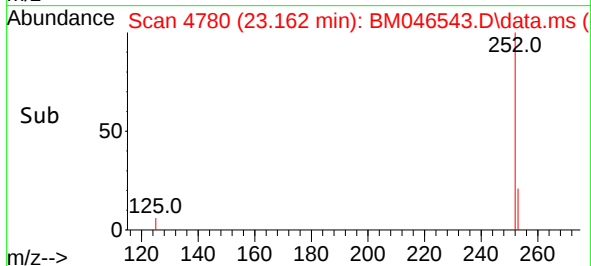
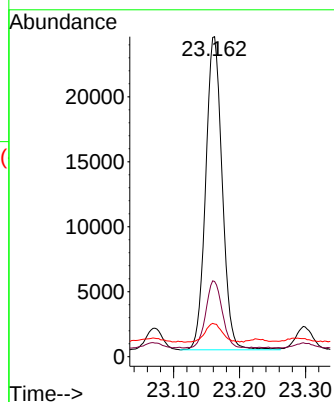
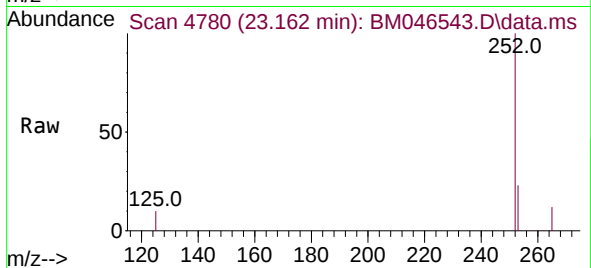
Tgt Ion:252 Resp: 41994

Ion Ratio Lower Upper

252 100

253 23.5 24.0 36.0#

125 10.2 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 6.965 ng/ul

RT: 25.376 min Scan# 5521

Delta R.T. -0.007 min

Lab File: BM046543.D

Acq: 12 Jul 2024 12:16

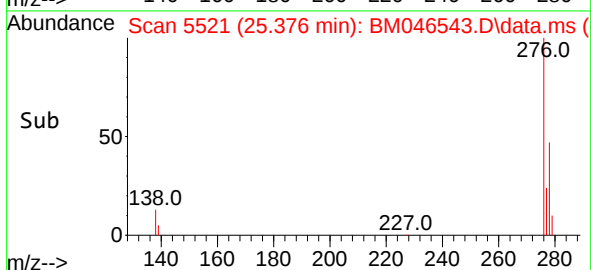
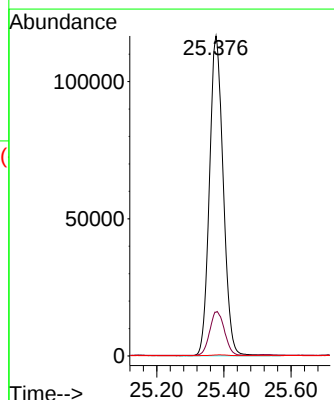
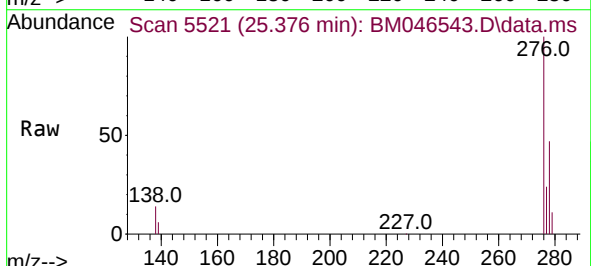
Tgt Ion:276 Resp: 329945

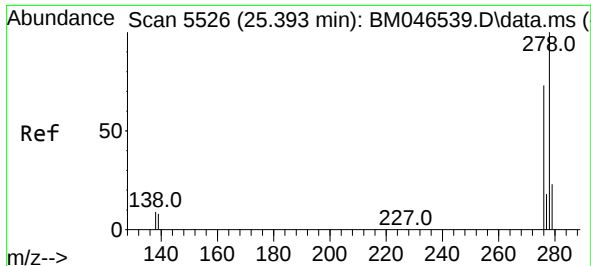
Ion Ratio Lower Upper

276 100

138 14.7 0.0 0.0#

227 0.3 0.2 0.2#

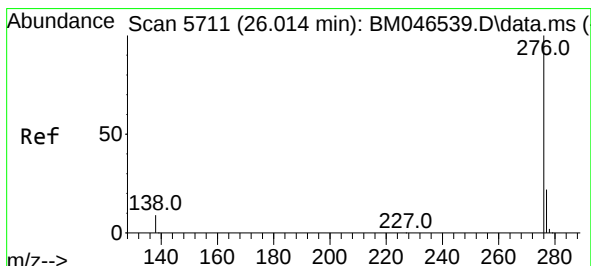
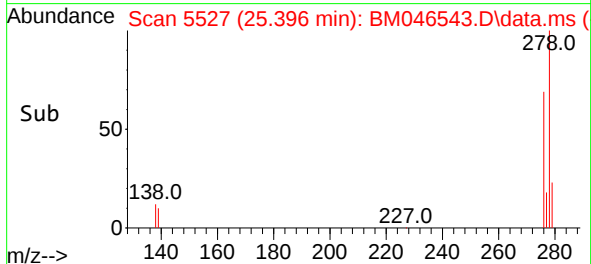
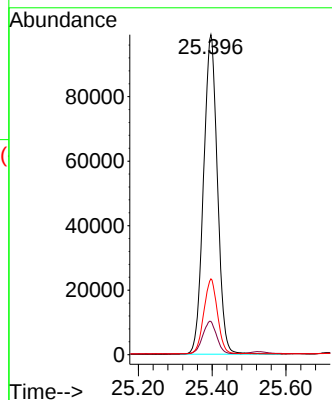
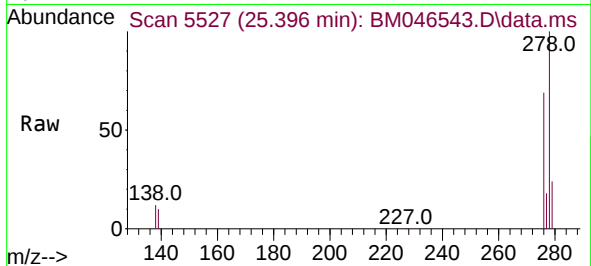




#28
Dibenzo(a,h)anthracene
Concen: 6.900 ng/ul
RT: 25.396 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM046543.D
Acq: 12 Jul 2024 12:16

Instrument :
BNA_M
ClientSampleId :
A4DP3

Tgt Ion:278 Resp: 258757
Ion Ratio Lower Upper
278 100
139 10.4 9.1 13.7
279 23.7 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 6.112 ng/ul
RT: 26.020 min Scan# 5713
Delta R.T. -0.000 min
Lab File: BM046543.D
Acq: 12 Jul 2024 12:16

Tgt Ion:276 Resp: 231029
Ion Ratio Lower Upper
276 100
138 12.6 10.2 15.4
277 23.7 20.9 31.3

