

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046571.D
 Acq On : 13 Jul 2024 07:47
 Operator : MA/JU
 Sample : P3088-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CC5

Quant Time: Jul 15 08:59:14 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)

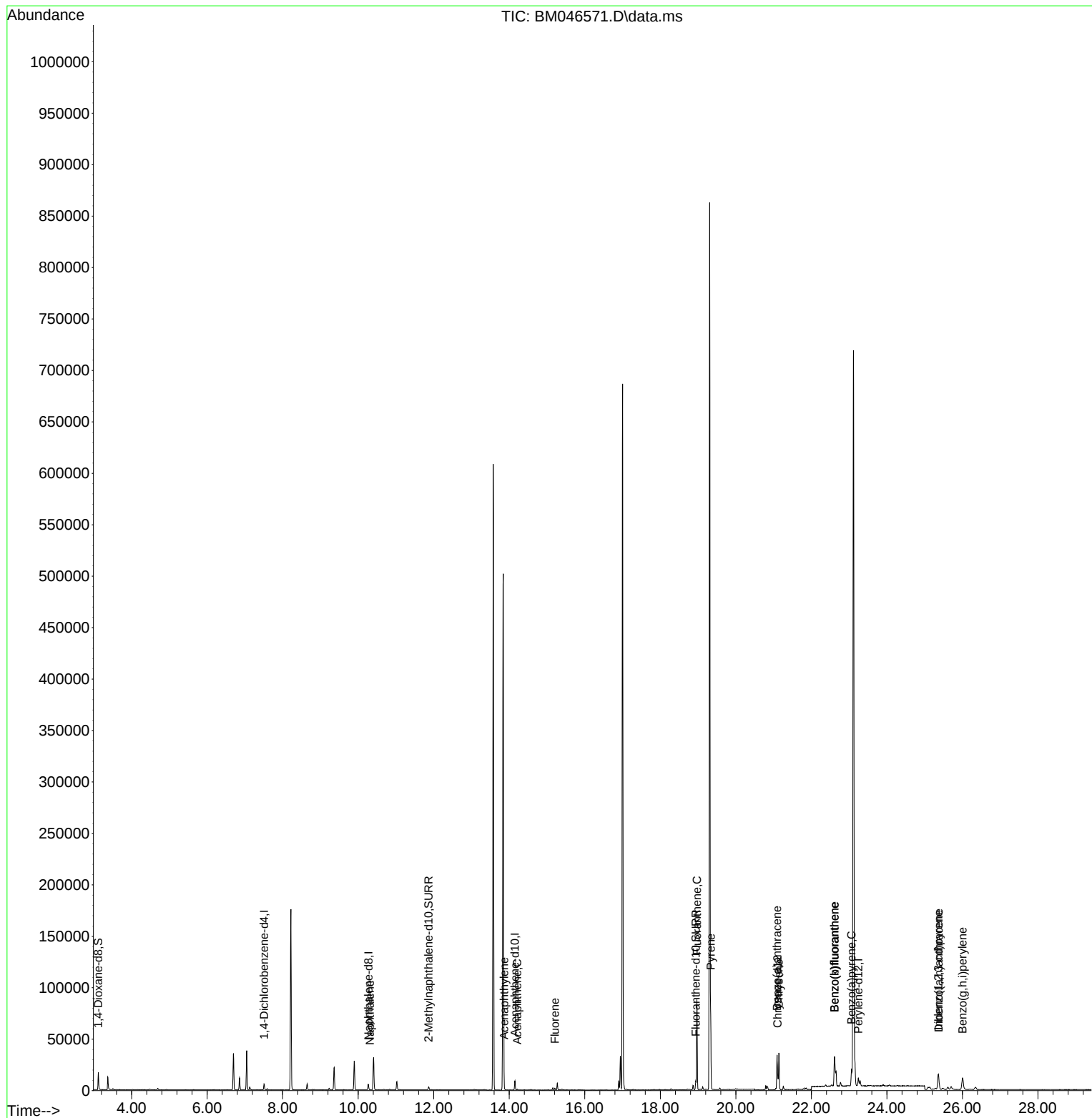
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	2847	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	7498	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.149	164	4803	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.90
17) Chrysene-d12	21.105	240	8722	0.400	ng/ul	0.00
23) Perylene-d12	23.245	264	10341	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	9802	4.190	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.865	152	3795	0.314	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	9459	0.356	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.314	128	407	0.021	ng/ul#	62
10) Acenaphthylene	13.867	152	1817	0.083	ng/ul	95
11) Acenaphthene	14.209	153	512	0.035	ng/ul	98
12) Fluorene	15.209	166	1109	0.061	ng/ul#	98
19) Fluoranthene	18.968	202	76600	2.138	ng/ul	99
20) Pyrene	19.335	202	63078	1.626	ng/ul	98
21) Benzo(a)anthracene	21.091	228	27022	0.700	ng/ul	97
22) Chrysene	21.140	228	32908	0.881	ng/ul	99
24) Benzo(b)fluoranthene	22.613	252	62184	1.506	ng/ul	93
25) Benzo(k)fluoranthene	22.613	252	62184	1.533	ng/ul	93
26) Benzo(a)pyrene	23.063	252	22923	0.674	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.363	276	24461	0.473	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.373	278	5346	0.131	ng/ul#	83
29) Benzo(g,h,i)perylene	26.004	276	23861	0.578	ng/ul	98

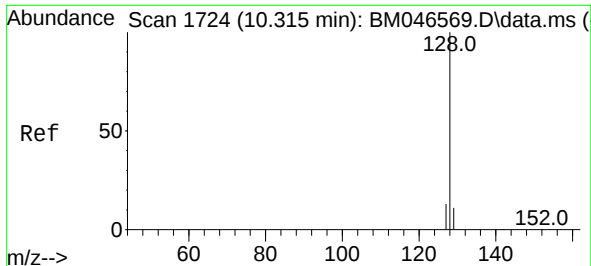
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 15 08:59:14 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

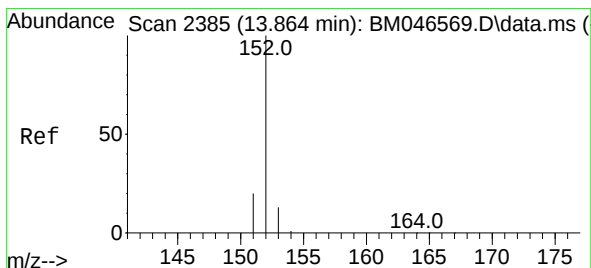
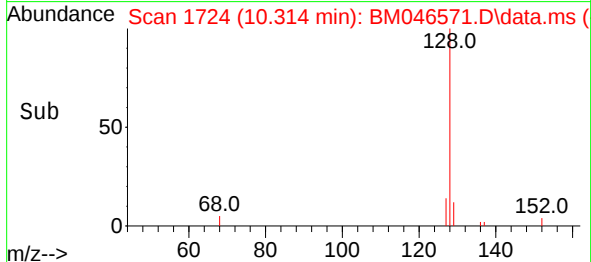
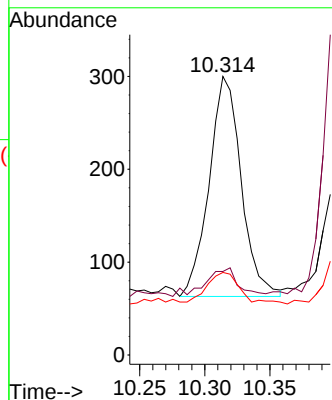
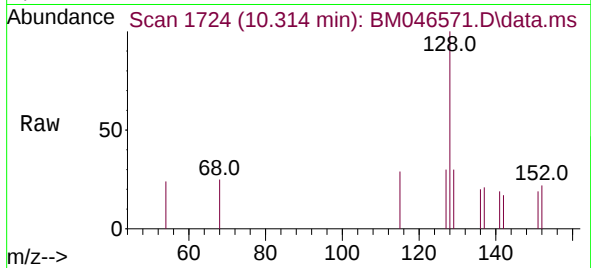




#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.314 min Scan# 1
Delta R.T. -0.002 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

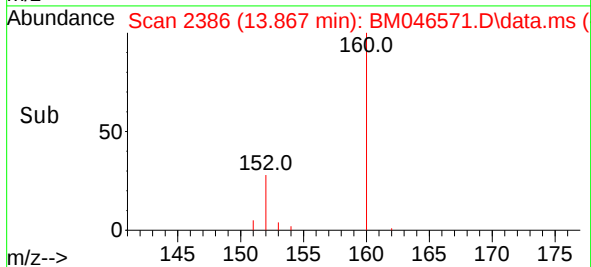
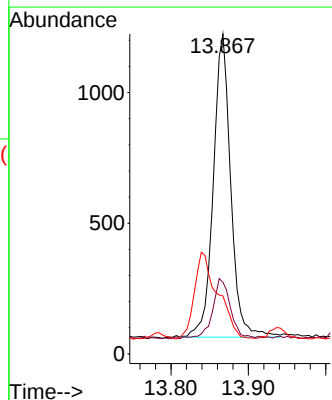
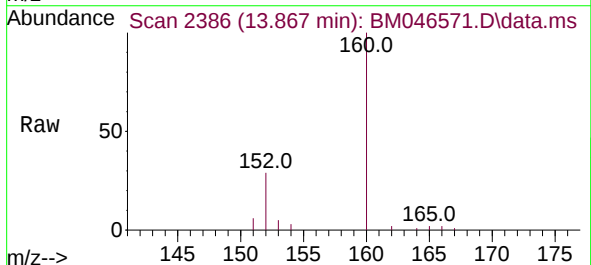
Instrument :
BNA_M
ClientSampleId :
A4CC5

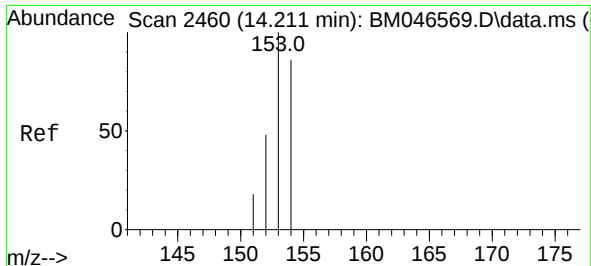
Tgt Ion:128 Resp: 407
Ion Ratio Lower Upper
128 100
129 30.0 10.3 15.5#
127 29.7 12.2 18.4#



#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 13.867 min Scan# 2386
Delta R.T. 0.003 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

Tgt Ion:152 Resp: 1817
Ion Ratio Lower Upper
152 100
151 22.4 16.4 24.6
153 18.1 12.4 18.6

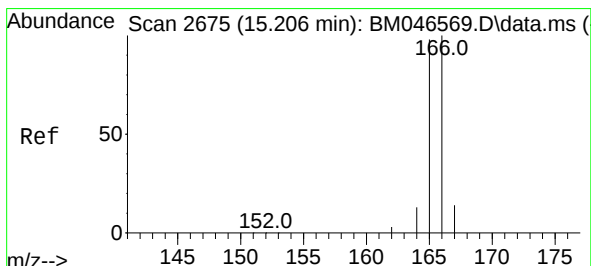
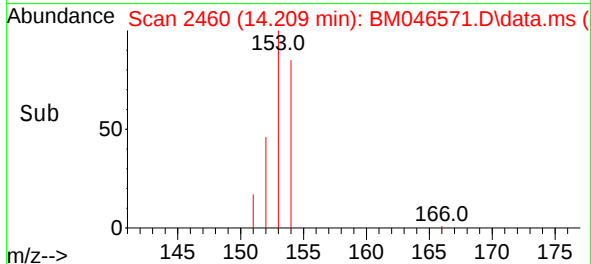
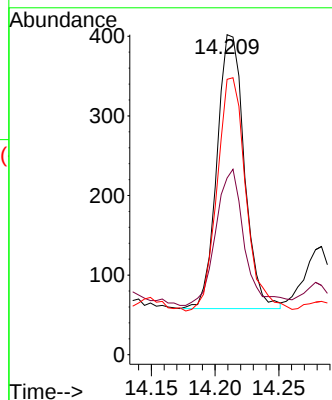
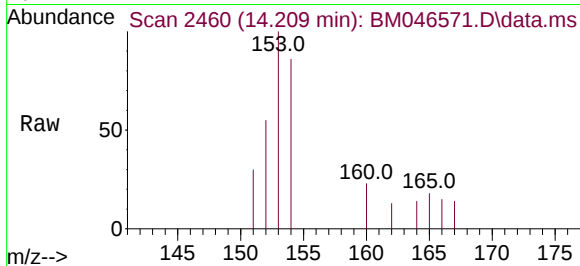




#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.209 min Scan# 2460
Delta R.T. -0.002 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

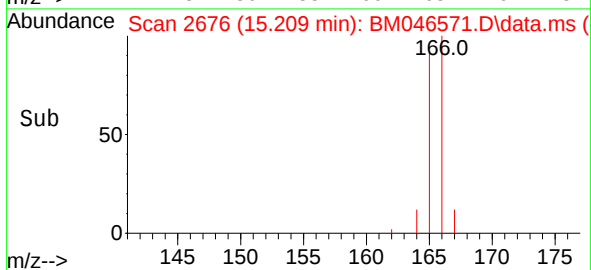
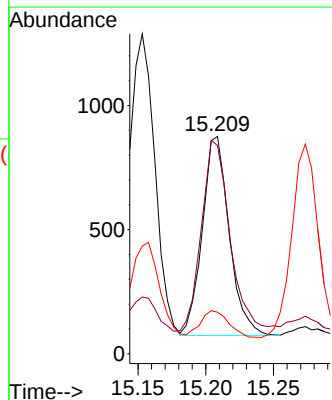
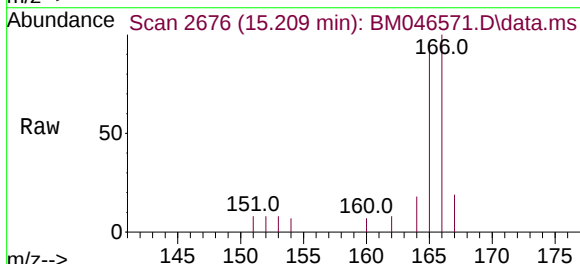
Instrument :
BNA_M
ClientSampleId :
A4CC5

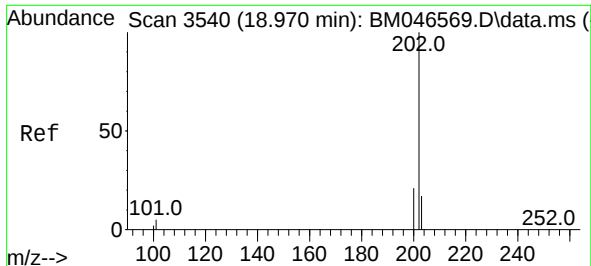
Tgt Ion:153 Resp: 512
Ion Ratio Lower Upper
153 100
152 55.2 43.0 64.6
154 86.1 69.9 104.9



#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.209 min Scan# 2676
Delta R.T. 0.003 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

Tgt Ion:166 Resp: 1109
Ion Ratio Lower Upper
166 100
165 95.8 76.1 114.1
167 19.2 12.5 18.7#





#19

Fluoranthene

Concen: 2.138 ng/ul

RT: 18.968 min Scan# 3540

Delta R.T. -0.002 min

Lab File: BM046571.D

Acq: 13 Jul 2024 07:47

Instrument :

BNA_M

ClientSampleId :

A4CC5

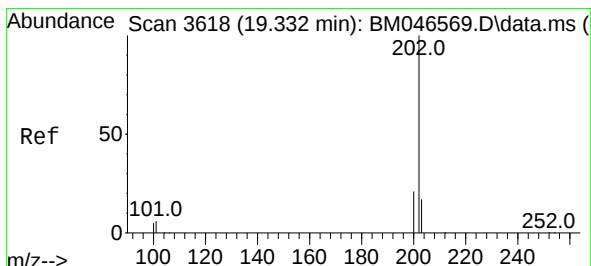
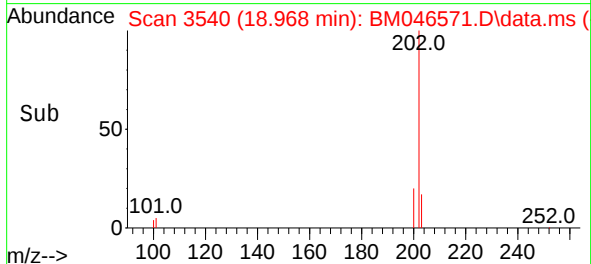
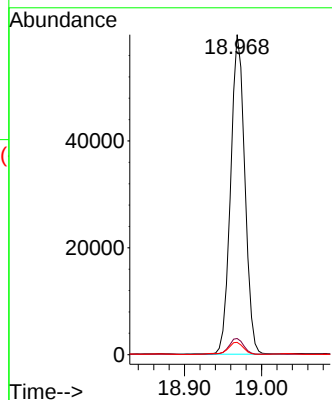
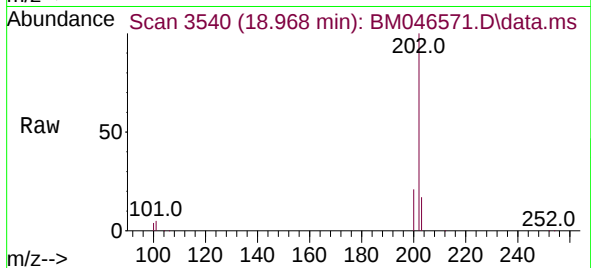
Tgt Ion:202 Resp: 76600

Ion Ratio Lower Upper

202 100

101 5.0 4.6 6.8

100 3.8 3.0 4.6



#20

Pyrene

Concen: 1.626 ng/ul

RT: 19.335 min Scan# 3619

Delta R.T. 0.003 min

Lab File: BM046571.D

Acq: 13 Jul 2024 07:47

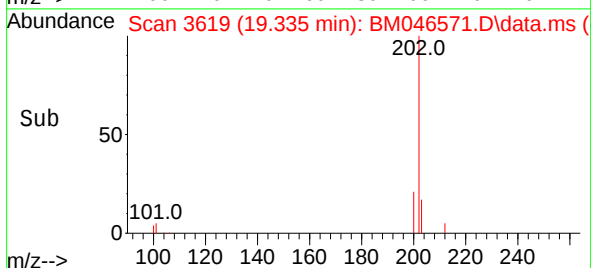
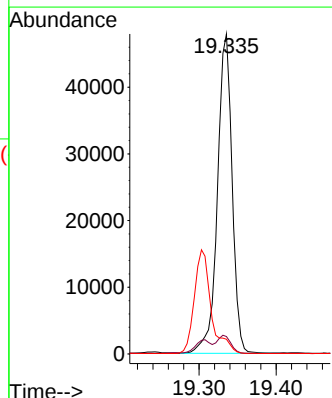
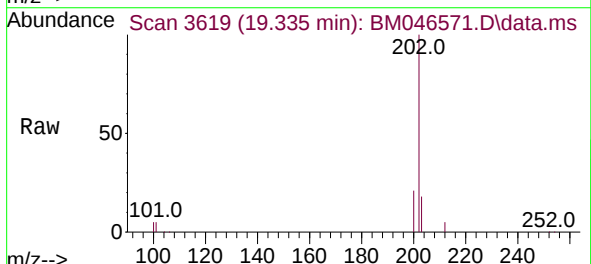
Tgt Ion:202 Resp: 63078

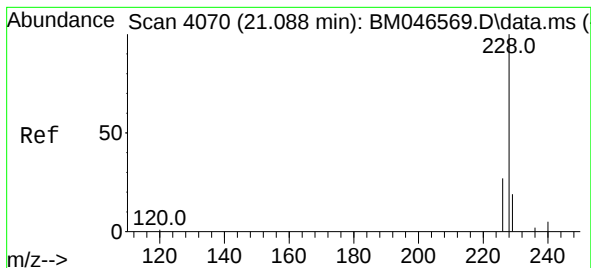
Ion Ratio Lower Upper

202 100

101 5.5 5.1 7.7

100 4.6 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.700 ng/ul

RT: 21.091 min Scan# 4071

Delta R.T. 0.003 min

Lab File: BM046571.D

Acq: 13 Jul 2024 07:47

Instrument :

BNA_M

ClientSampleId :

A4CC5

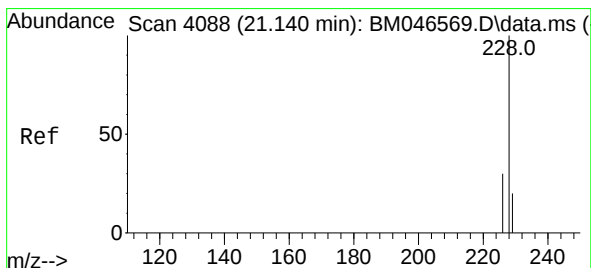
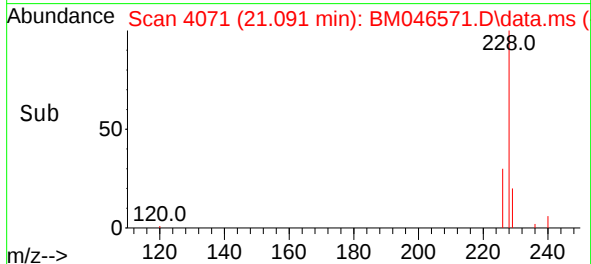
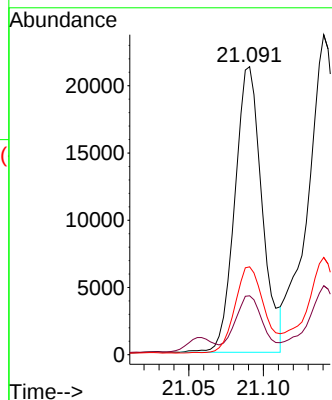
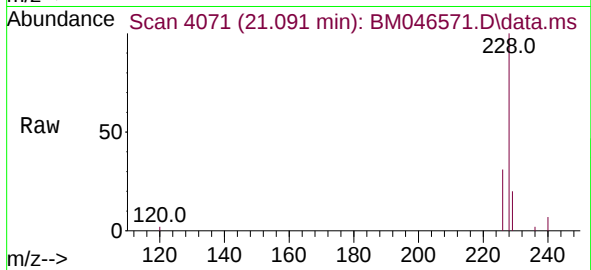
Tgt Ion:228 Resp: 27022

Ion Ratio Lower Upper

228 100

229 20.5 16.5 24.7

226 30.5 22.5 33.7



#22

Chrysene

Concen: 0.881 ng/ul

RT: 21.140 min Scan# 4088

Delta R.T. 0.000 min

Lab File: BM046571.D

Acq: 13 Jul 2024 07:47

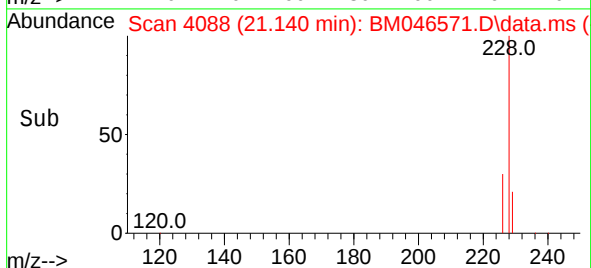
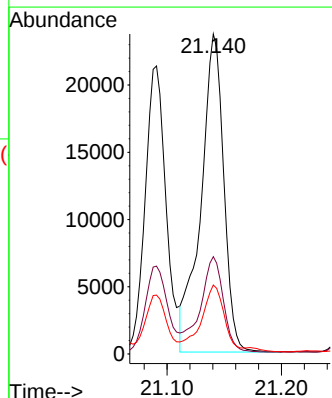
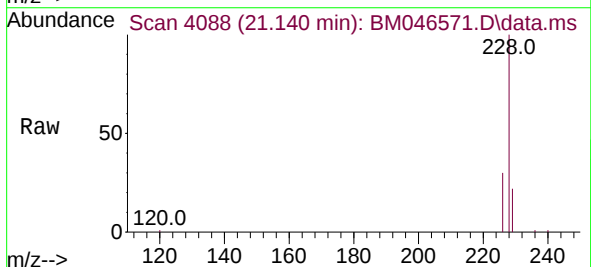
Tgt Ion:228 Resp: 32908

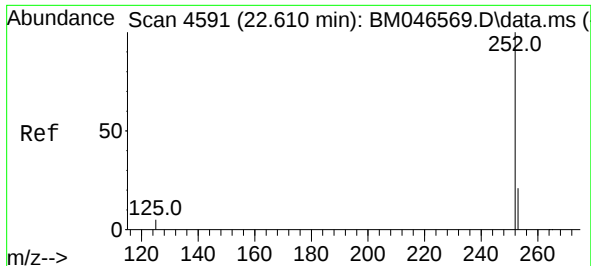
Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 21.6 16.4 24.6

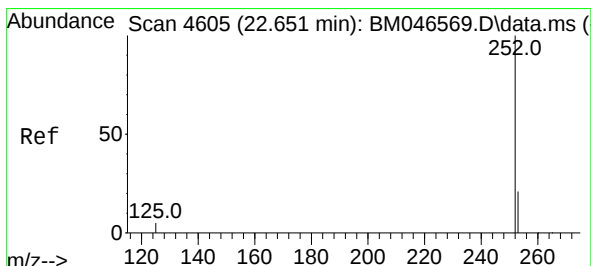
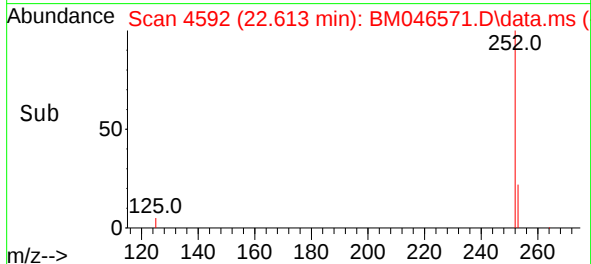
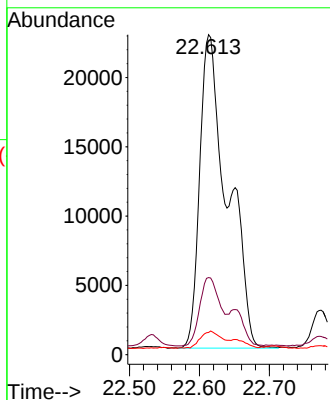
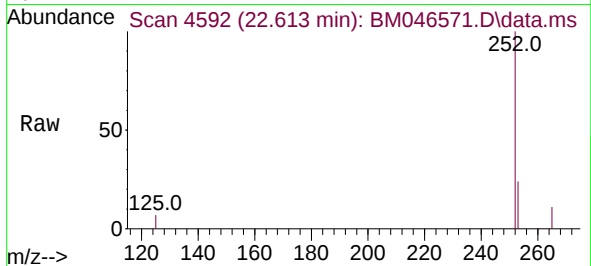




#24
Benzo(b)fluoranthene
Concen: 1.506 ng/ul
RT: 22.613 min Scan# 4592
Delta R.T. 0.003 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

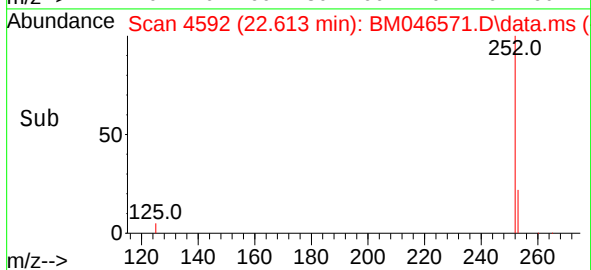
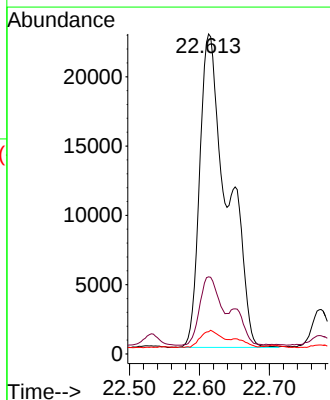
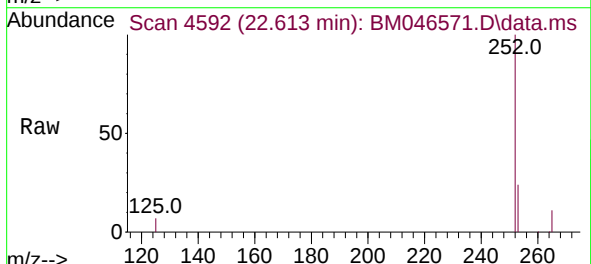
Instrument :
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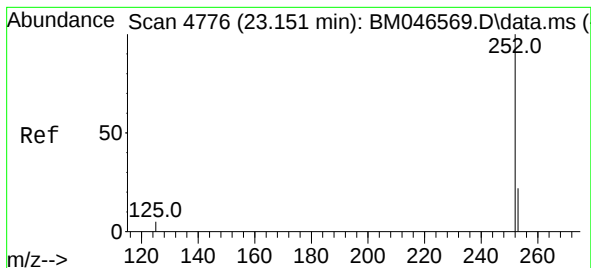
Tgt Ion:252 Resp: 62184
Ion Ratio Lower Upper
252 100
253 24.1 0.0 56.2
125 7.0 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 1.533 ng/ul
RT: 22.613 min Scan# 4592
Delta R.T. -0.038 min
Lab File: BM046571.D
Acq: 13 Jul 2024 07:47

Tgt Ion:252 Resp: 62184
Ion Ratio Lower Upper
252 100
253 24.1 22.4 33.6
125 7.0 7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.674 ng/ul

RT: 23.063 min Scan# 4746

Delta R.T. -0.088 min

Lab File: BM046571.D

Acq: 13 Jul 2024 07:47

Instrument :

BNA_M

ClientSampleId :

A4CC5

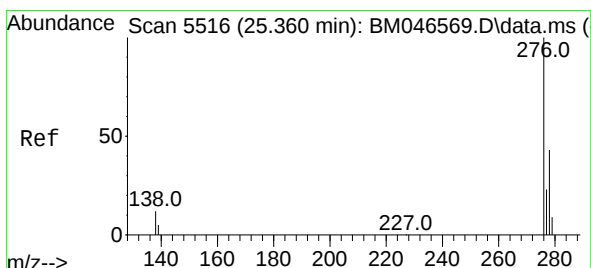
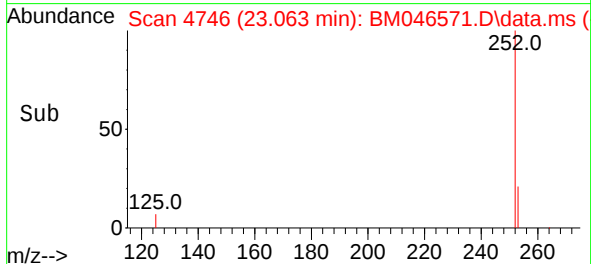
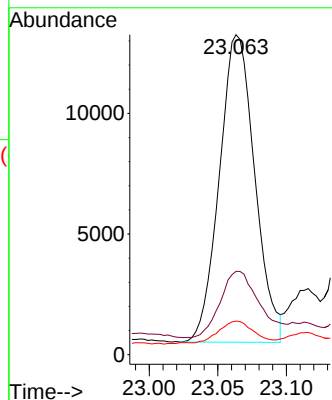
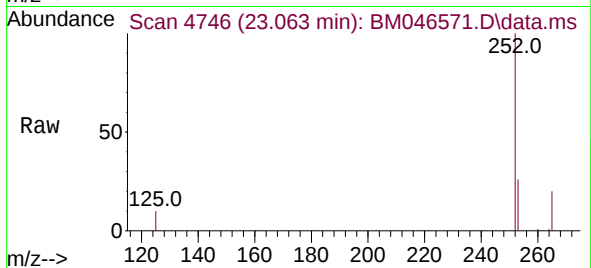
Tgt Ion:252 Resp: 22923

Ion Ratio Lower Upper

252 100

253 26.1 24.0 36.0

125 10.5 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.473 ng/ul

RT: 25.363 min Scan# 5517

Delta R.T. 0.003 min

Lab File: BM046571.D

Acq: 13 Jul 2024 07:47

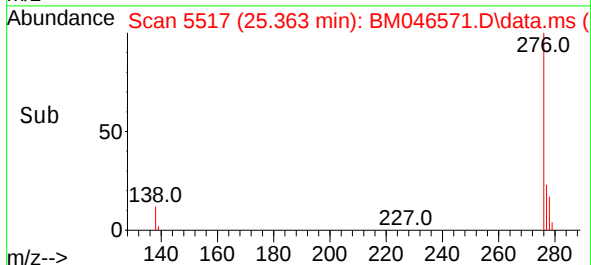
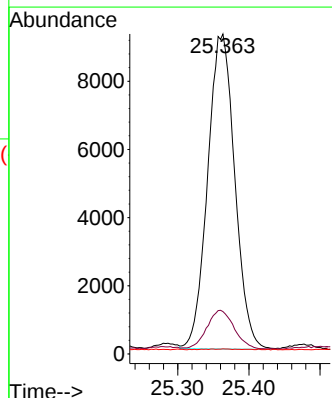
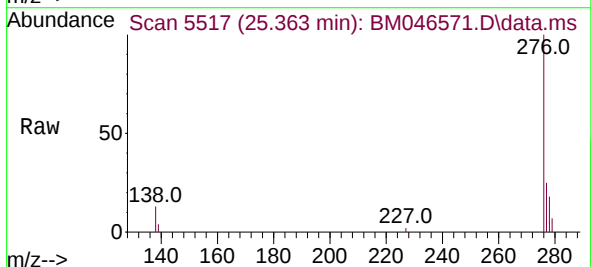
Tgt Ion:276 Resp: 24461

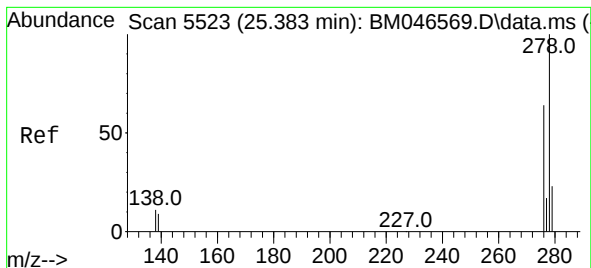
Ion Ratio Lower Upper

276 100

138 12.2 0.0 0.0#

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.131 ng/ul

RT: 25.373 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM046571.D

Acq: 13 Jul 2024 07:47

Instrument :

BNA_M

ClientSampleId :

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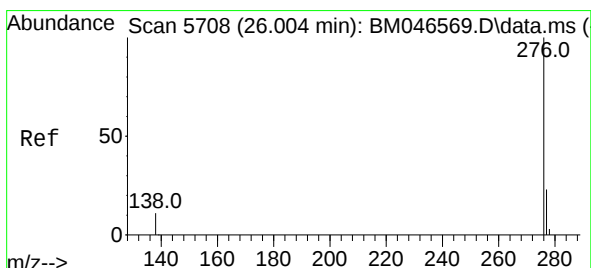
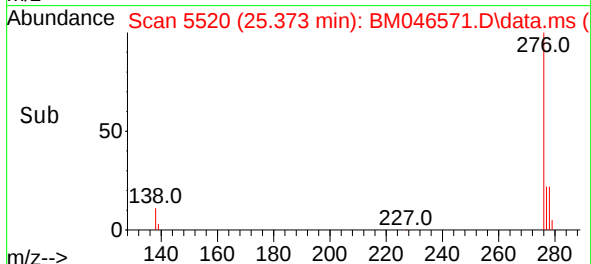
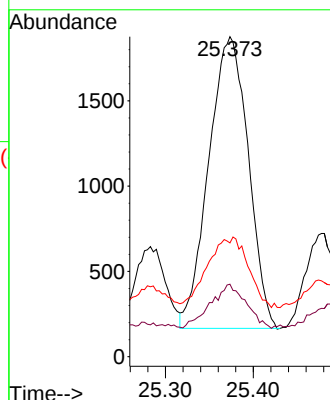
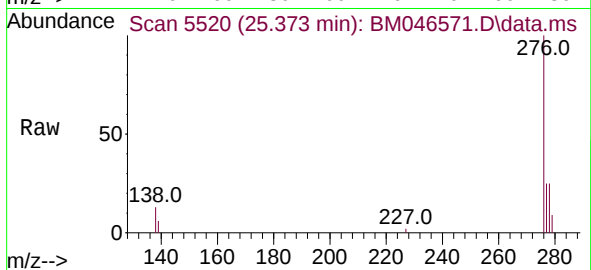
Tgt Ion:278 Resp: 5346

Ion Ratio Lower Upper

278 100

139 22.7 9.1 13.7#

279 35.6 23.2 34.8#



#29

Benzo(g,h,i)perylene

Concen: 0.578 ng/ul

RT: 26.004 min Scan# 5708

Delta R.T. 0.000 min

Lab File: BM046571.D

Acq: 13 Jul 2024 07:47

Tgt Ion:276 Resp: 23861

Ion Ratio Lower Upper

276 100

138 13.7 10.2 15.4

277 25.0 20.9 31.3

