

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046523.D
 Acq On : 11 Jul 2024 18:29
 Operator : MA/JU
 Sample : P3035-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CX8

Quant Time: Jul 12 04:22:44 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 04:18:37 2024
 Response via : Initial Calibration

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

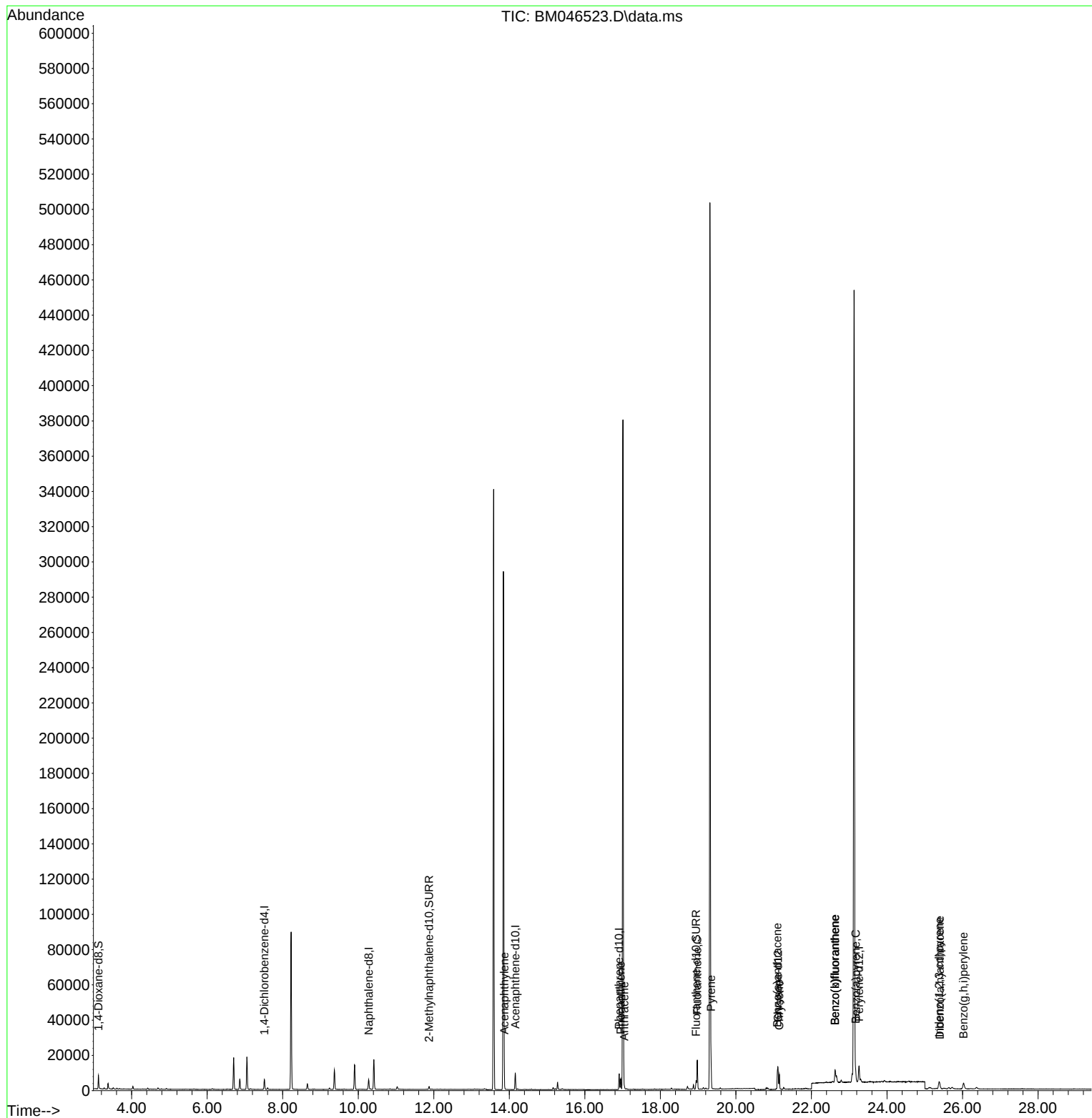
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2770	0.400	ng/ul	0.00
4) Naphthalene-d8	10.276	136	7432	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.159	164	5016	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.908	188	11080	0.400	ng/ul	0.00
17) Chrysene-d12	21.114	240	9641	0.400	ng/ul	0.00
23) Perylene-d12	23.259	264	11842	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	4599	2.021	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.876	152	2026	0.169	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	5451	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.872	152	781	0.034	ng/ul#	80
15) Phenanthrene	16.950	178	6432	0.203	ng/ul	99
16) Anthracene	17.043	178	1342	0.043	ng/ul#	87
19) Fluoranthene	18.978	202	14846	0.375	ng/ul	99
20) Pyrene	19.340	202	14303	0.334	ng/ul	99
21) Benzo(a)anthracene	21.097	228	7346	0.172	ng/ul	96
22) Chrysene	21.149	228	7852	0.190	ng/ul	98
24) Benzo(b)fluoranthene	22.625	252	15768	0.333	ng/ul	95
25) Benzo(k)fluoranthene	22.625	252	15768	0.340	ng/ul#	94
26) Benzo(a)pyrene	23.169	252	7645	0.196	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.380	276	6754	0.114	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.401	278	1632	0.035	ng/ul#	23
29) Benzo(g,h,i)perylene	26.028	276	6801	0.144	ng/ul#	94

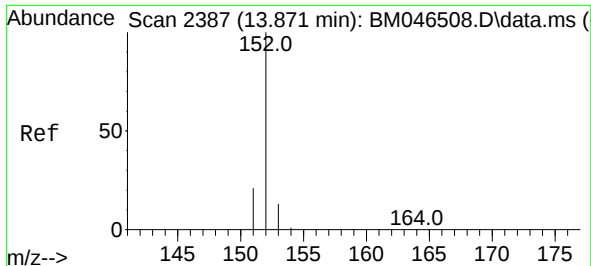
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
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BNA_M
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A4CX8

Quant Time: Jul 12 04:22:44 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 04:18:37 2024
Response via : Initial Calibration

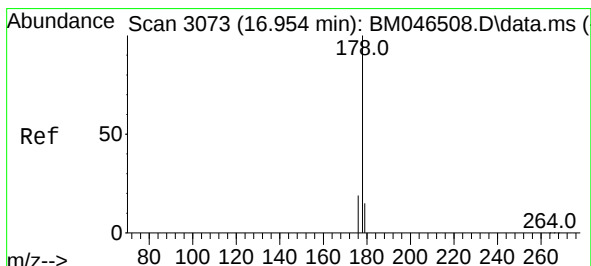
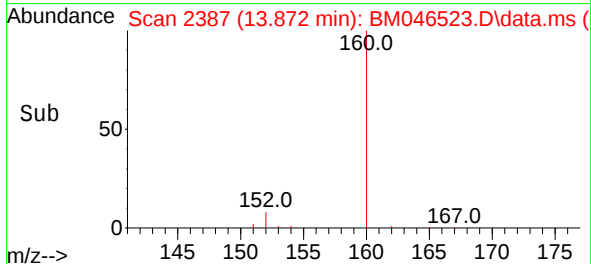
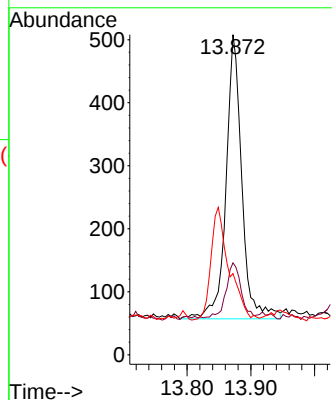
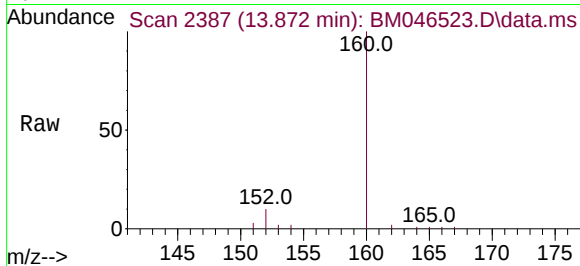




#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.872 min Scan# 24
Delta R.T. 0.001 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

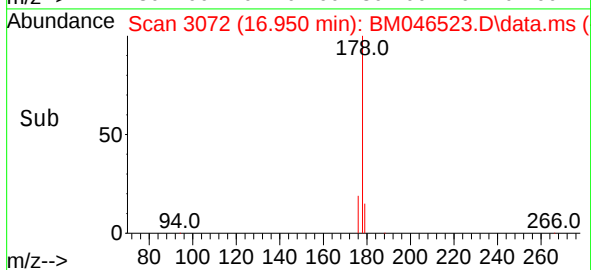
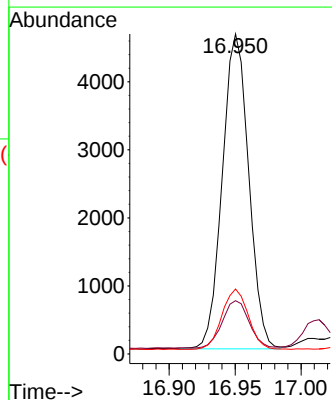
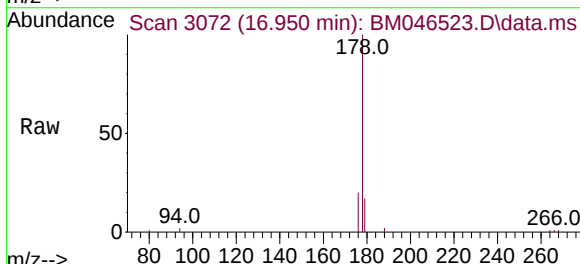
Instrument :
BNA_M
ClientSampleId :
A4CX8

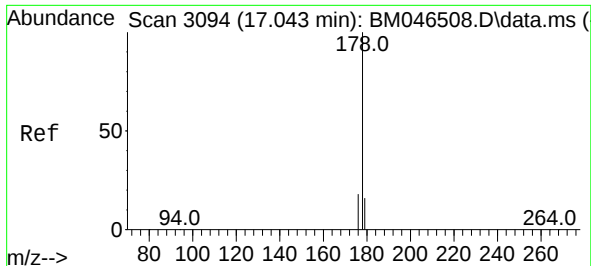
Tgt Ion:152 Resp: 781
Ion Ratio Lower Upper
152 100
151 28.7 16.4 24.6#
153 25.4 12.4 18.6#



#15
Phenanthrene
Concen: 0.203 ng/ul
RT: 16.950 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

Tgt Ion:178 Resp: 6432
Ion Ratio Lower Upper
178 100
179 16.6 13.1 19.7
176 20.3 16.0 24.0

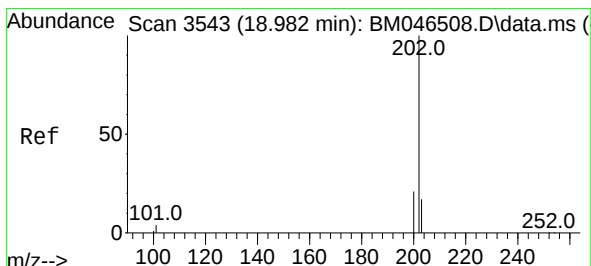
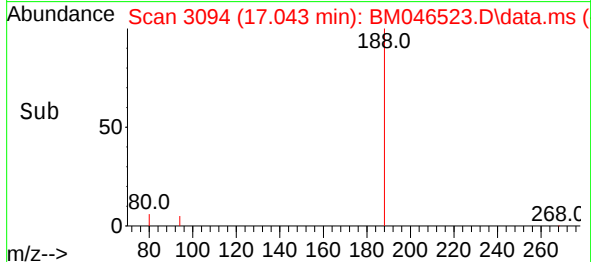
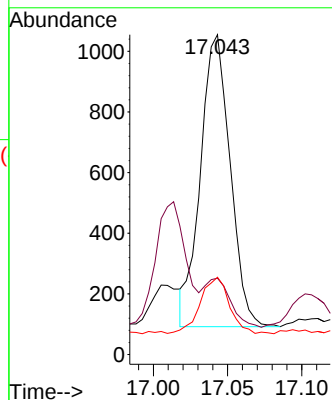
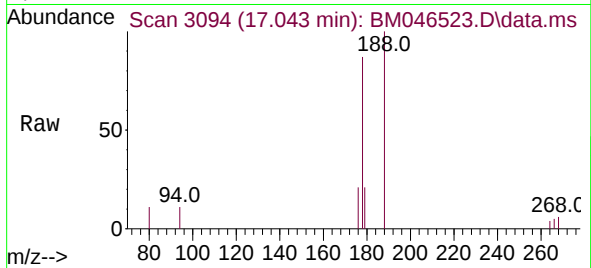




#16
 Anthracene
 Concen: 0.043 ng/ul
 RT: 17.043 min Scan# 3094
 Delta R.T. 0.000 min
 Lab File: BM046523.D
 Acq: 11 Jul 2024 18:29

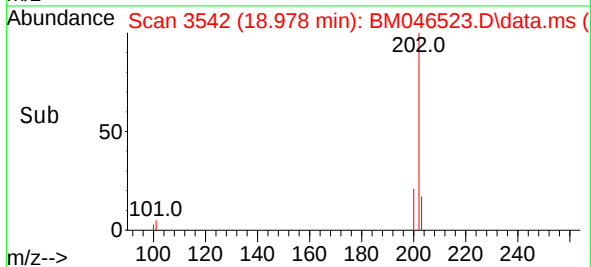
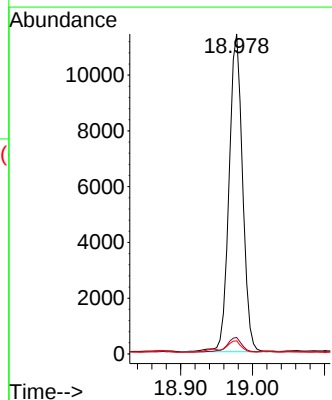
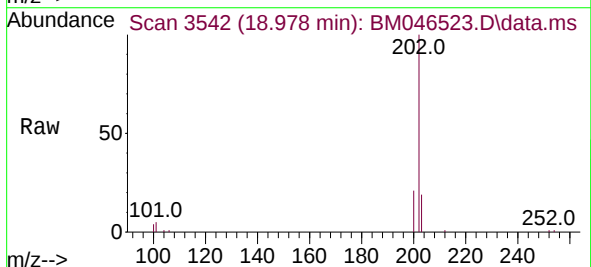
Instrument :
 BNA_M
 ClientSampleId :
 A4CX8

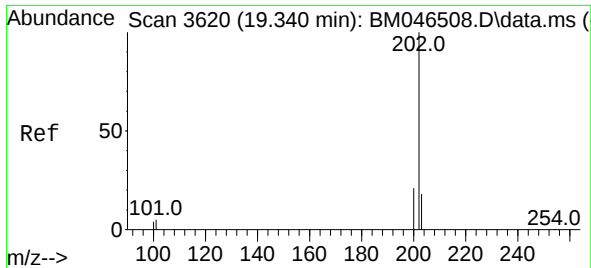
Tgt Ion:178 Resp: 1342
 Ion Ratio Lower Upper
 178 100
 179 23.9 13.5 20.3#
 176 24.2 15.7 23.5#



#19
 Fluoranthene
 Concen: 0.375 ng/ul
 RT: 18.978 min Scan# 3542
 Delta R.T. -0.004 min
 Lab File: BM046523.D
 Acq: 11 Jul 2024 18:29

Tgt Ion:202 Resp: 14846
 Ion Ratio Lower Upper
 202 100
 101 5.2 4.6 6.8
 100 4.1 3.0 4.6

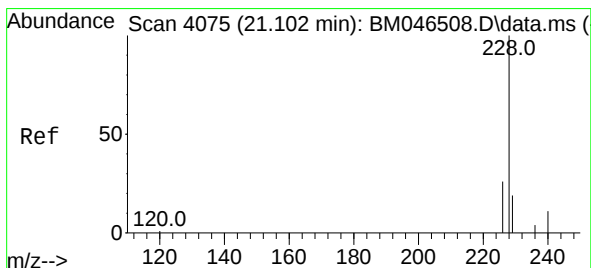
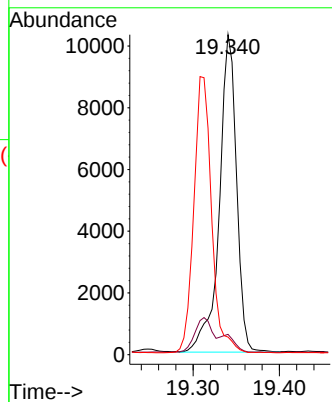
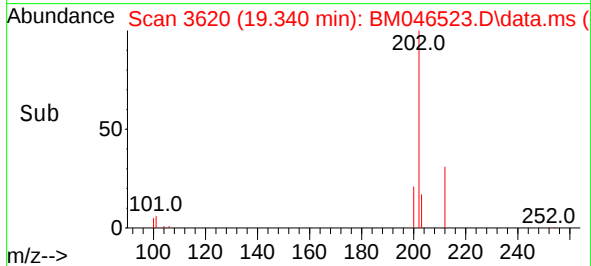
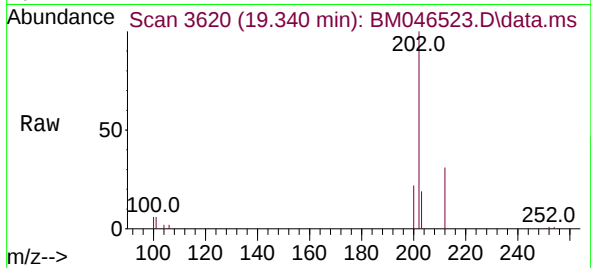




#20
Pyrene
Concen: 0.334 ng/ul
RT: 19.340 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

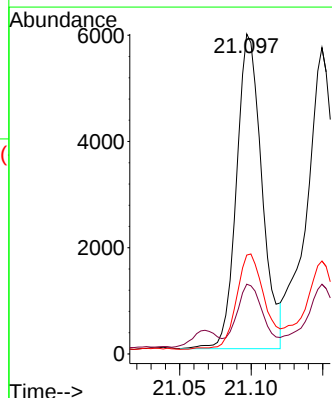
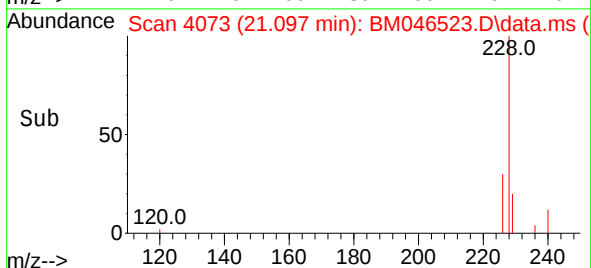
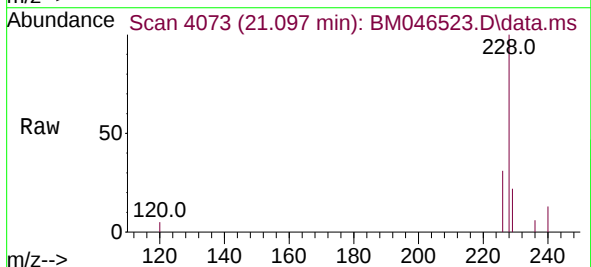
Instrument :
BNA_M
ClientSampleId :
A4CX8

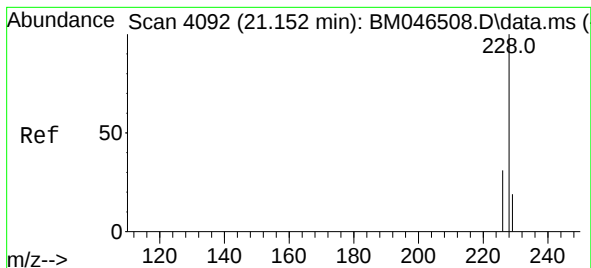
Tgt Ion:202 Resp: 14303
Ion Ratio Lower Upper
202 100
101 6.4 5.1 7.7
100 5.5 3.8 5.6



#21
Benzo(a)anthracene
Concen: 0.172 ng/ul
RT: 21.097 min Scan# 4073
Delta R.T. -0.005 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

Tgt Ion:228 Resp: 7346
Ion Ratio Lower Upper
228 100
229 21.8 16.5 24.7
226 30.9 22.5 33.7





#22

Chrysene

Concen: 0.190 ng/ul

RT: 21.149 min Scan# 4091

Delta R.T. -0.002 min

Lab File: BM046523.D

Acq: 11 Jul 2024 18:29

Instrument :

BNA_M

ClientSampleId :

A4CX8

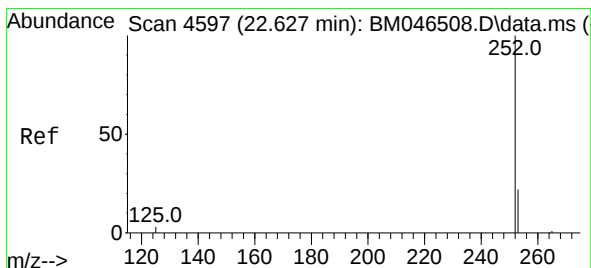
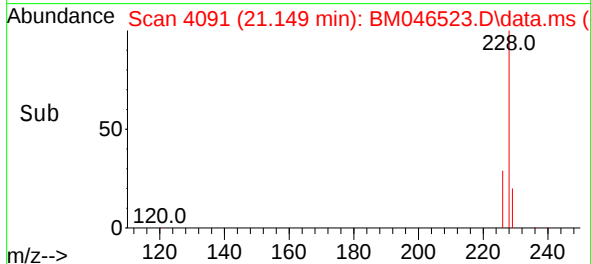
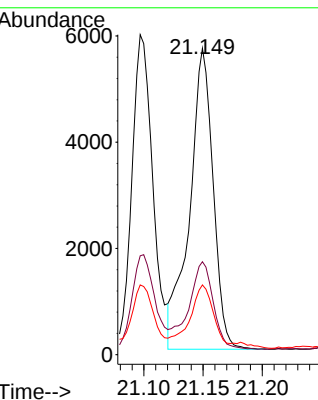
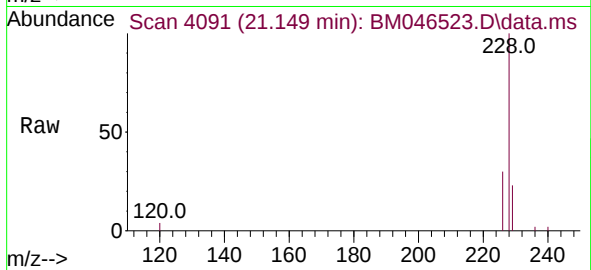
Tgt Ion:228 Resp: 7852

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 22.8 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 0.333 ng/ul

RT: 22.625 min Scan# 4596

Delta R.T. -0.002 min

Lab File: BM046523.D

Acq: 11 Jul 2024 18:29

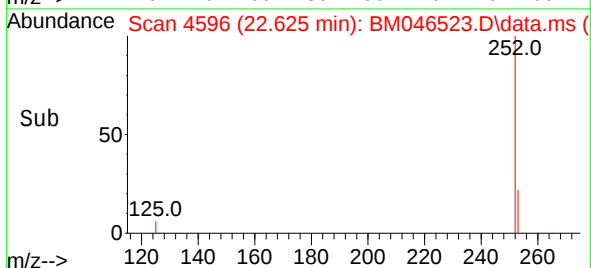
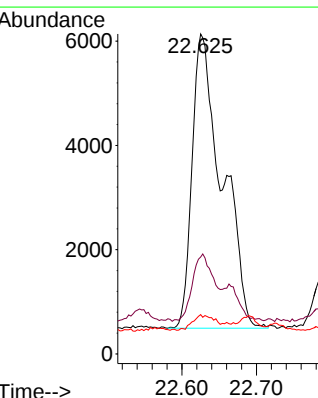
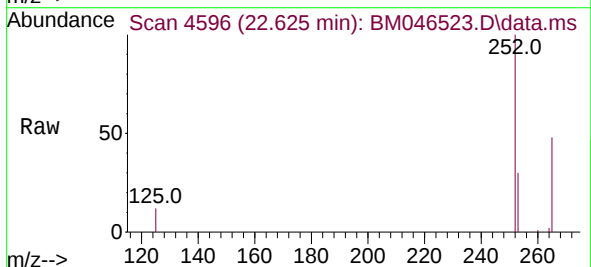
Tgt Ion:252 Resp: 15768

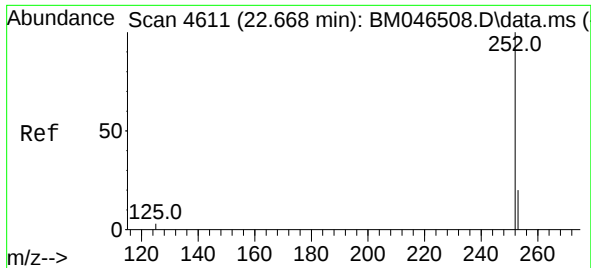
Ion Ratio Lower Upper

252 100

253 30.3 0.0 56.2

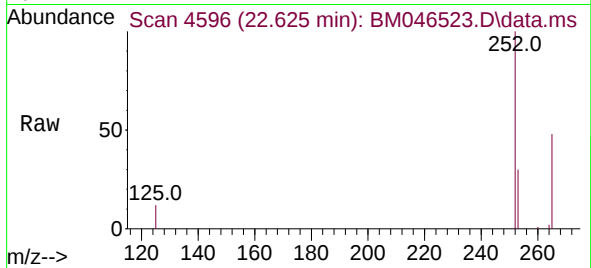
125 12.3 0.0 17.8



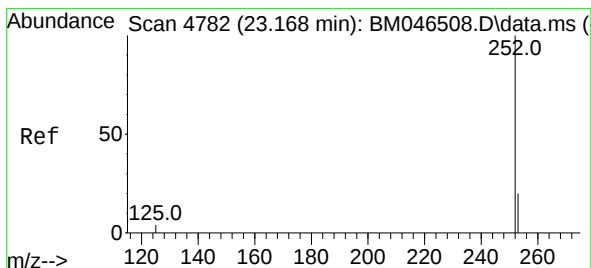
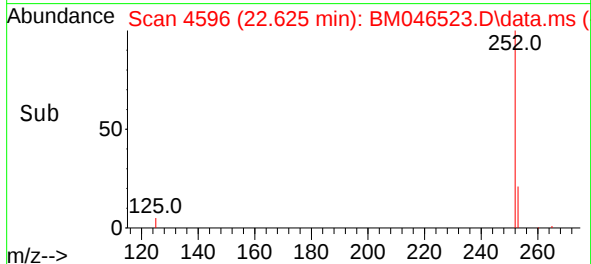
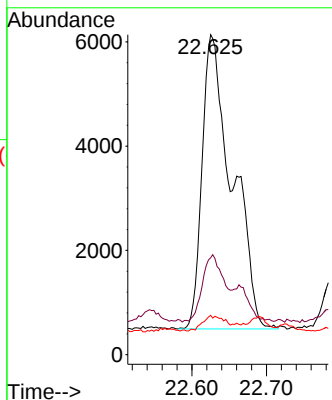


#25
Benzo(k)fluoranthene
Concen: 0.340 ng/ul
RT: 22.625 min Scan# 4596
Delta R.T. -0.043 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

Instrument :
BNA_M
ClientSampleId :
A4CX8

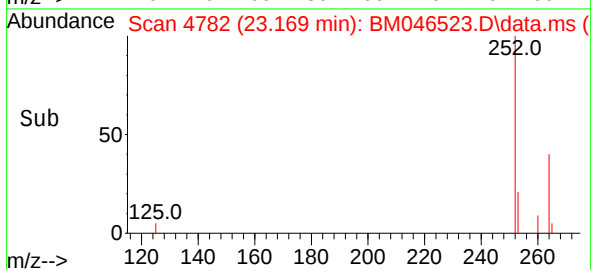
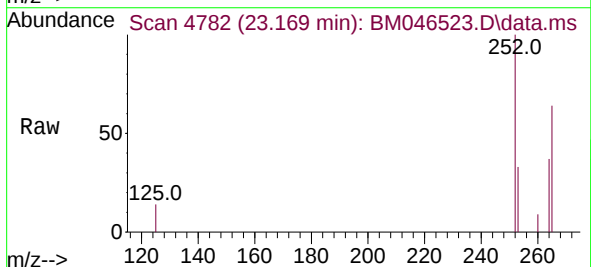
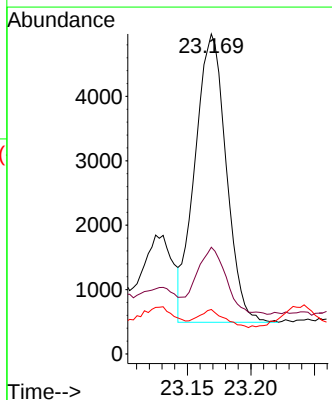


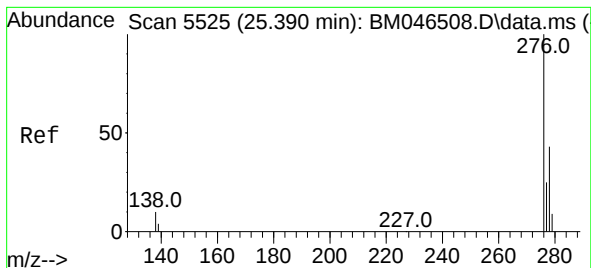
Tgt Ion:252 Resp: 15768
Ion Ratio Lower Upper
252 100
253 30.3 22.4 33.6
125 12.3 7.0 10.4#



#26
Benzo(a)pyrene
Concen: 0.196 ng/ul
RT: 23.169 min Scan# 4782
Delta R.T. 0.001 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

Tgt Ion:252 Resp: 7645
Ion Ratio Lower Upper
252 100
253 33.4 24.0 36.0
125 13.9 8.2 12.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.114 ng/ul

RT: 25.380 min Scan# 5525

Delta R.T. -0.010 min

Lab File: BM046523.D

Acq: 11 Jul 2024 18:29

Instrument :

BNA_M

ClientSampleId :

A4CX8

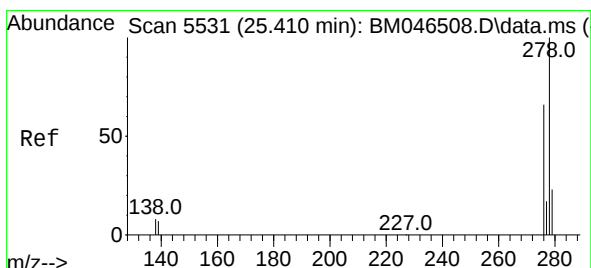
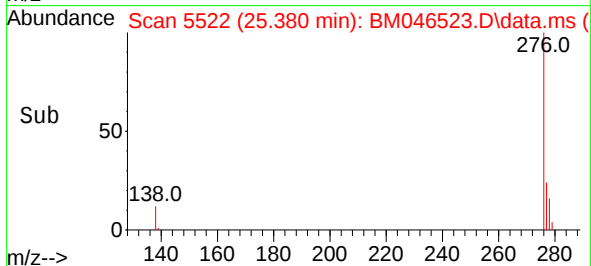
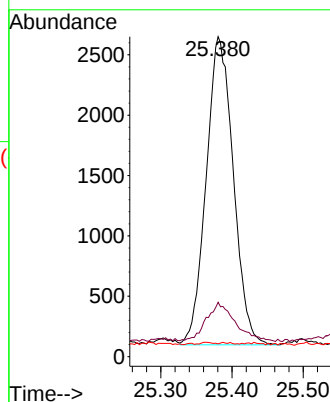
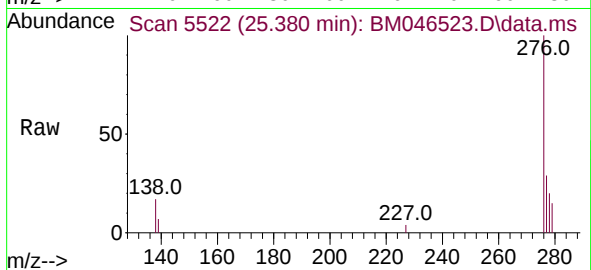
Tgt Ion:276 Resp: 6754

Ion Ratio Lower Upper

276 100

138 13.5 0.0 0.0#

227 0.3 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.035 ng/ul

RT: 25.401 min Scan# 5528

Delta R.T. -0.010 min

Lab File: BM046523.D

Acq: 11 Jul 2024 18:29

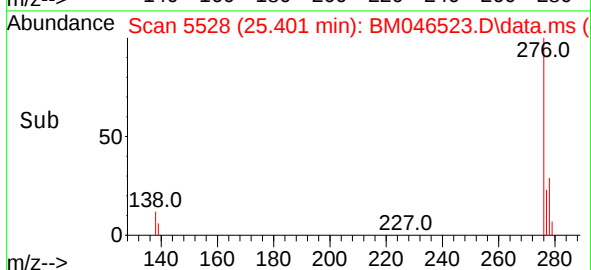
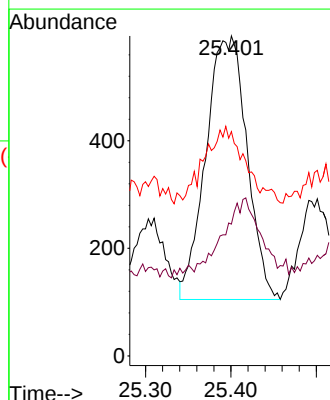
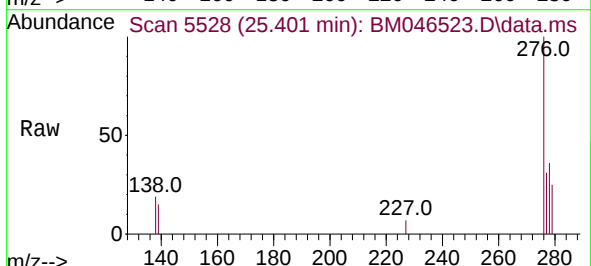
Tgt Ion:278 Resp: 1632

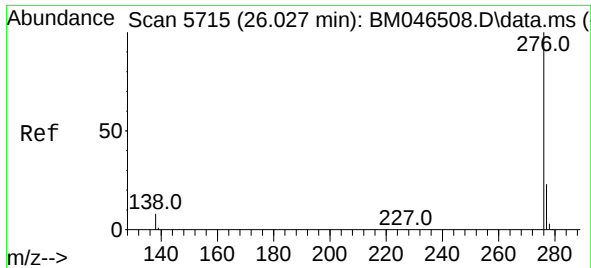
Ion Ratio Lower Upper

278 100

139 41.2 9.1 13.7#

279 70.1 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 26.028 min Scan# 51
Delta R.T. 0.001 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

Instrument :
BNA_M
ClientSampleId :
A4CX8

Tgt Ion:276 Resp: 6801
Ion Ratio Lower Upper
276 100
138 15.6 10.2 15.4#
277 28.8 20.9 31.3

