

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046091.D
 Acq On : 19 Jun 2024 18:14
 Operator : MA/JU
 Sample : P2695-07DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ9DL

Quant Time: Jun 19 22:49:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

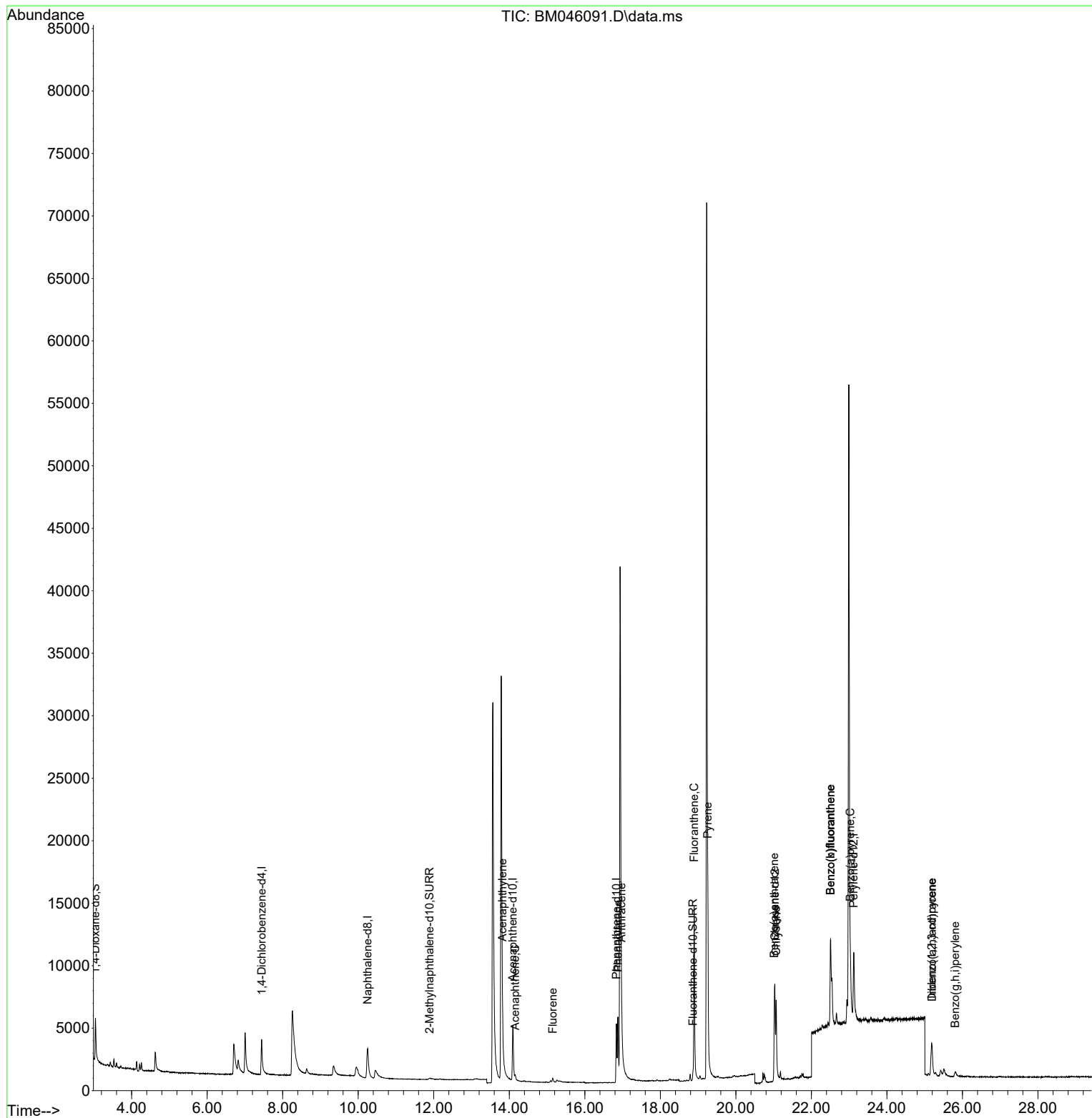
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.442	152	2351	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.249	136	6211	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.095	164	3511	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.837	188	6799	0.400	ng/ul	-0.02
17) Chrysene-d12	21.032	240	5662	0.400	ng/ul	-0.01
23) Perylene-d12	23.121	264	8610	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2425	0.752	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.888	152	416	0.050	ng/ul	0.02
18) Fluoranthene-d10	18.867	212	1006	0.059	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.817	152	563	0.034	ng/ul#	52
11) Acenaphthene	14.155	153	274	0.023	ng/ul#	89
12) Fluorene	15.150	166	311	0.024	ng/ul#	90
15) Phenanthrene	16.875	178	6784	0.355	ng/ul	99
16) Anthracene	16.972	178	1219	0.086	ng/ul#	78
19) Fluoranthene	18.895	202	14891	0.607	ng/ul	100
20) Pyrene	19.258	202	11385	0.429	ng/ul	99
21) Benzo(a)anthracene	21.017	228	6338	0.290	ng/ul	94
22) Chrysene	21.067	228	6714	0.241	ng/ul	97
24) Benzo(b)fluoranthene	22.507	252	15725	0.507	ng/ul	96
25) Benzo(k)fluoranthene	22.507	252	15744	0.427	ng/ul	98
26) Benzo(a)pyrene	23.031	252	3963	0.138	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.185	276	4652	0.099	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.195	278	1417	0.040	ng/ul#	38
29) Benzo(g,h,i)perylene	25.806	276	839	0.021	ng/ul#	30

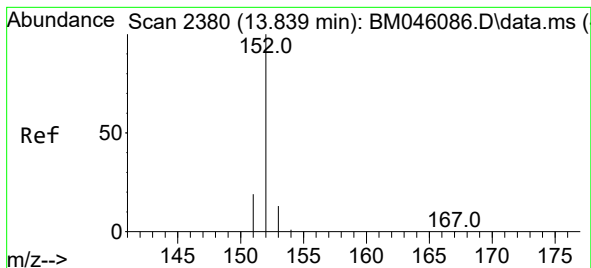
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
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QLast Update : Tue Jun 18 13:58:29 2024
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#10

Acenaphthylene

Concen: 0.034 ng/ul

RT: 13.817 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM046091.D

Acq: 19 Jun 2024 18:14

Instrument :

BNA_M

ClientSampleId :

A4BJ9DL

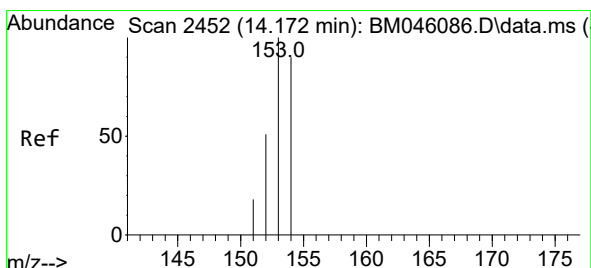
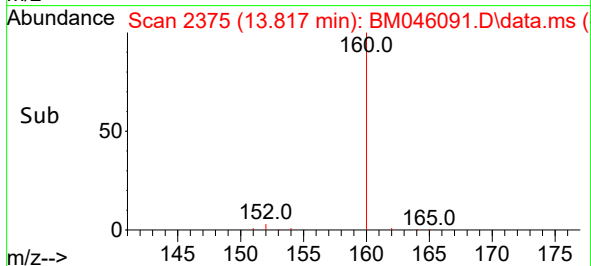
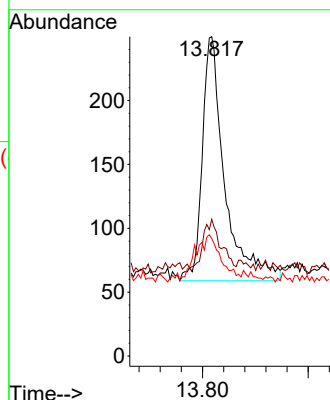
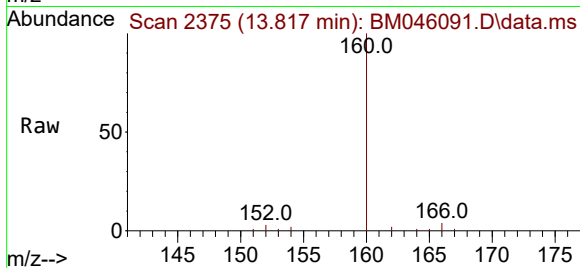
Tgt Ion:152 Resp: 563

Ion Ratio Lower Upper

152 100

151 42.8 17.4 26.2#

153 36.8 11.8 17.8#



#11

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.155 min Scan# 2448

Delta R.T. -0.017 min

Lab File: BM046091.D

Acq: 19 Jun 2024 18:14

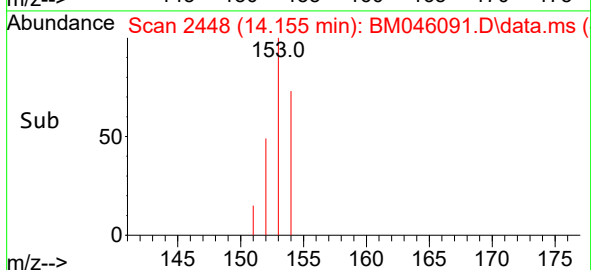
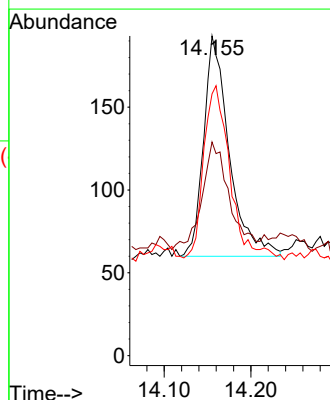
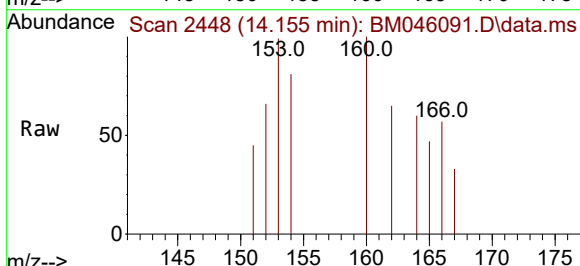
Tgt Ion:153 Resp: 274

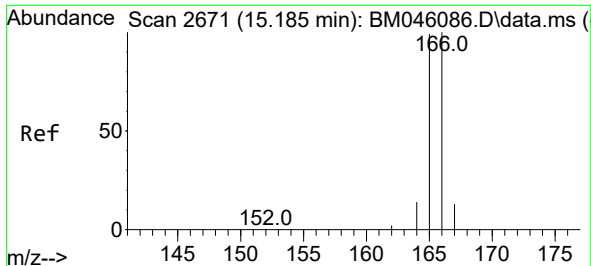
Ion Ratio Lower Upper

153 100

152 66.8 41.3 61.9#

154 81.9 68.2 102.4

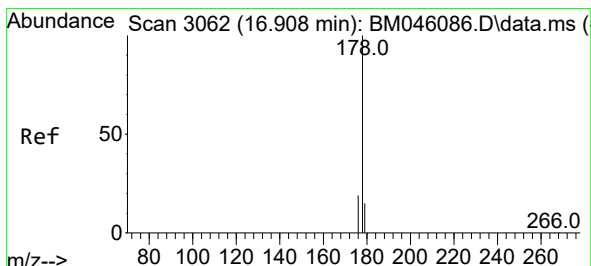
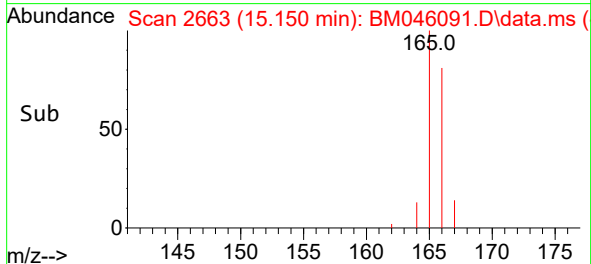
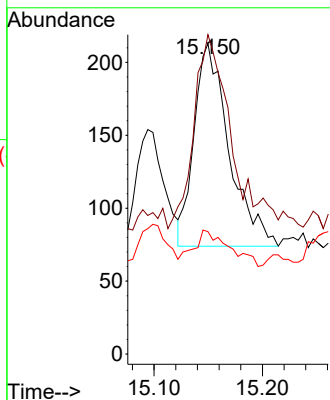
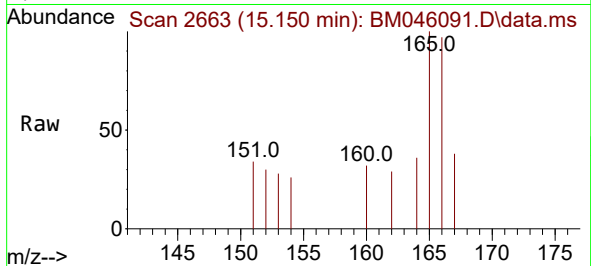




#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.150 min Scan# 2
Delta R.T. -0.031 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

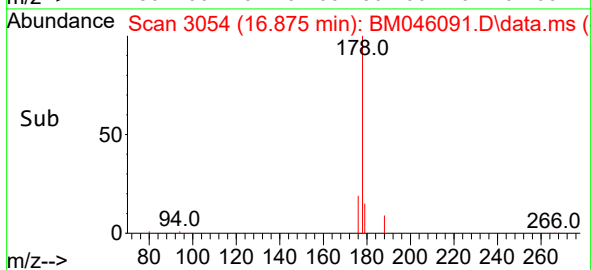
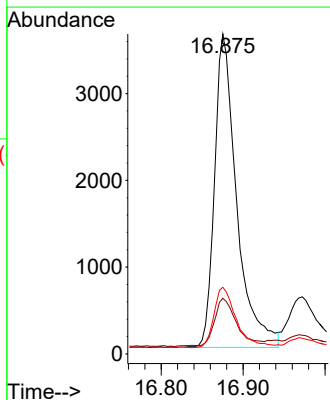
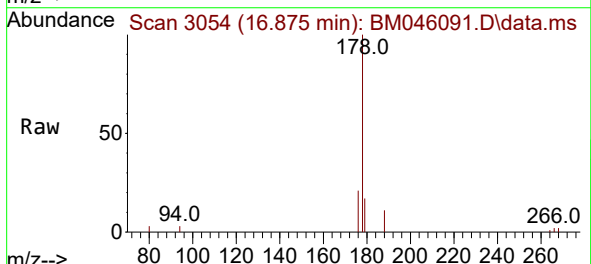
Instrument :
BNA_M
ClientSampleId :
A4BJ9DL

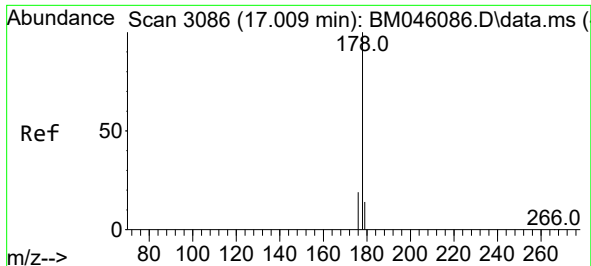
Tgt Ion:166 Resp: 311
Ion Ratio Lower Upper
166 100
165 102.8 80.4 120.6
167 39.4 12.4 18.6#



#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 16.875 min Scan# 3054
Delta R.T. -0.028 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

Tgt Ion:178 Resp: 6784
Ion Ratio Lower Upper
178 100
179 17.4 14.2 21.2
176 20.9 17.1 25.7

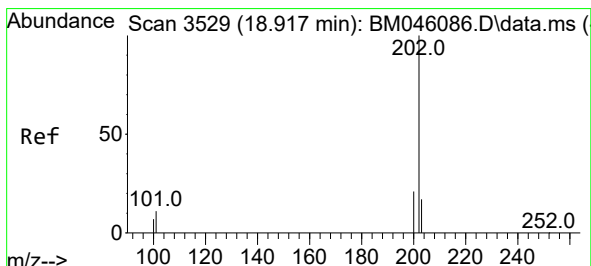
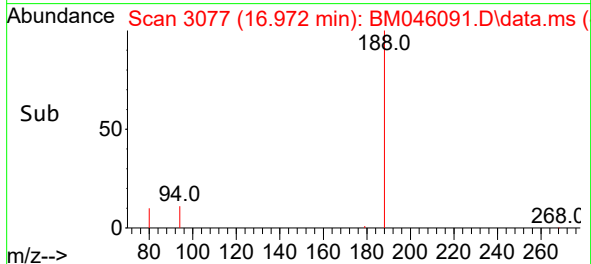
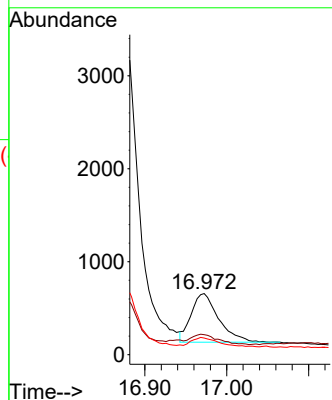
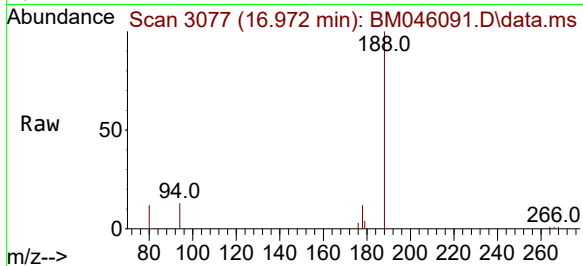




#16
 Anthracene
 Concen: 0.086 ng/ul
 RT: 16.972 min Scan# 3086
 Delta R.T. -0.032 min
 Lab File: BM046091.D
 Acq: 19 Jun 2024 18:14

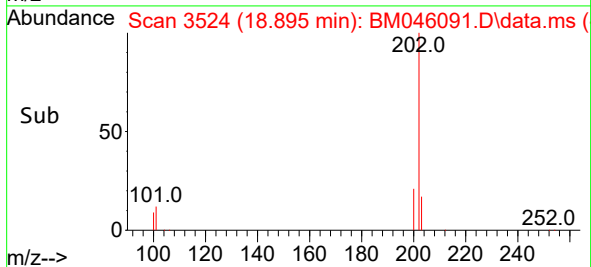
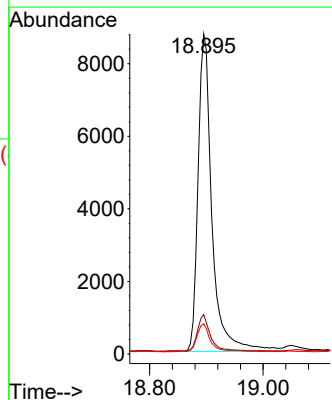
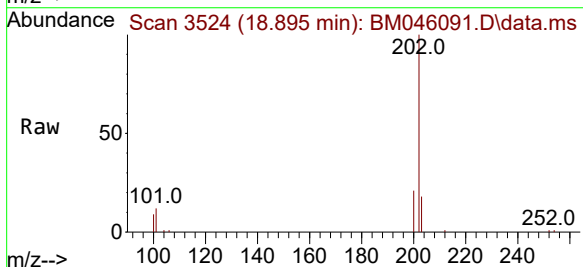
Instrument :
 BNA_M
 ClientSampleId :
 A4BJ9DL

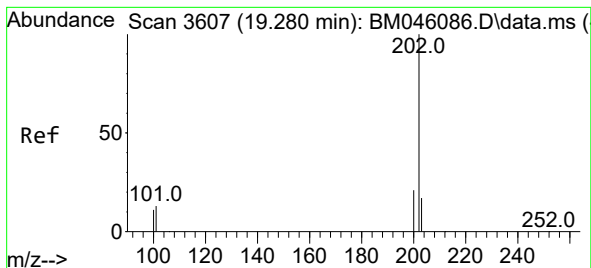
Tgt Ion:178 Resp: 1219
 Ion Ratio Lower Upper
 178 100
 179 32.9 14.9 22.3#
 176 27.4 17.0 25.4#



#19
 Fluoranthene
 Concen: 0.607 ng/ul
 RT: 18.895 min Scan# 3524
 Delta R.T. -0.022 min
 Lab File: BM046091.D
 Acq: 19 Jun 2024 18:14

Tgt Ion:202 Resp: 14891
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.6 14.4
 100 9.5 7.6 11.4





#20

Pyrene

Concen: 0.429 ng/ul

RT: 19.258 min Scan# 3

Delta R.T. -0.017 min

Lab File: BM046091.D

Acq: 19 Jun 2024 18:14

Instrument :

BNA_M

ClientSampleId :

A4BJ9DL

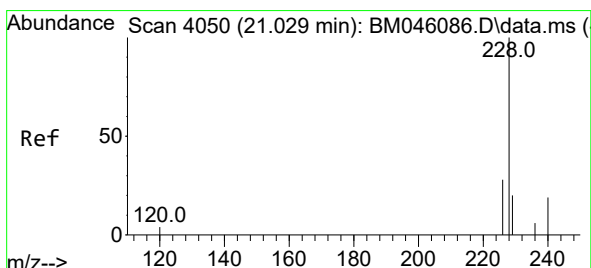
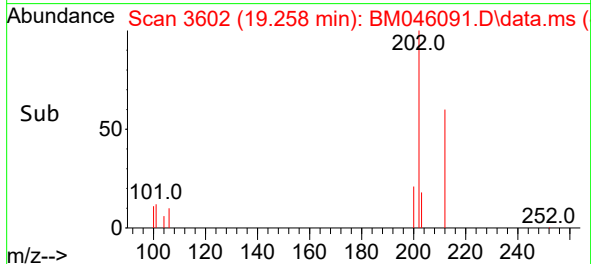
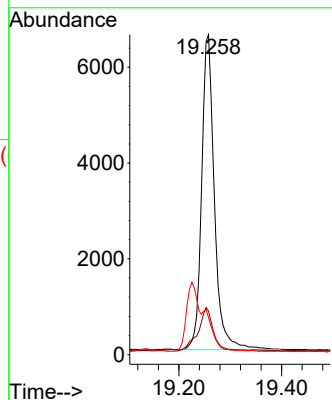
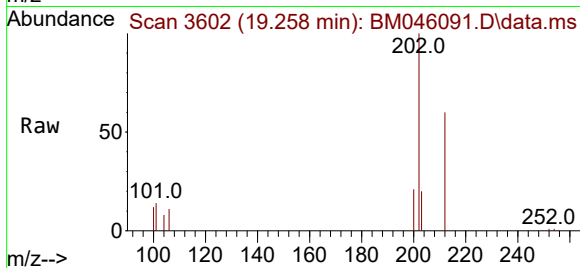
Tgt Ion:202 Resp: 11385

Ion Ratio Lower Upper

202 100

101 13.6 11.3 16.9

100 11.5 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.290 ng/ul

RT: 21.017 min Scan# 4046

Delta R.T. -0.012 min

Lab File: BM046091.D

Acq: 19 Jun 2024 18:14

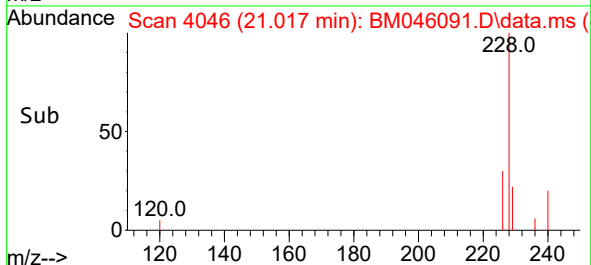
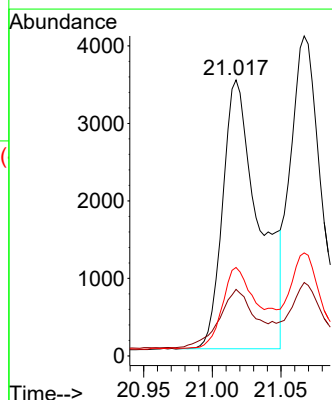
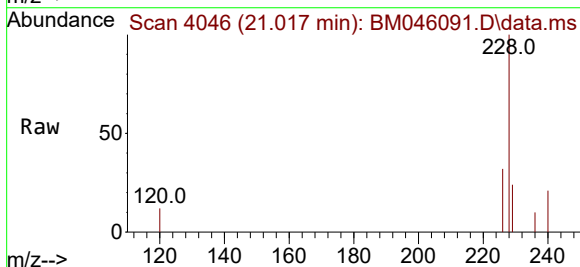
Tgt Ion:228 Resp: 6338

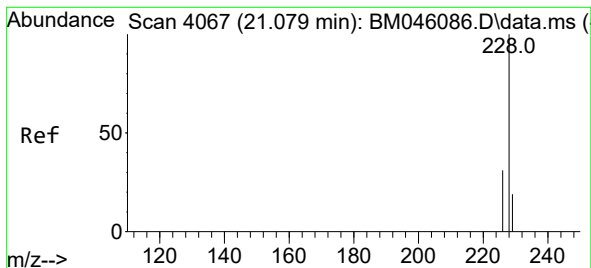
Ion Ratio Lower Upper

228 100

229 24.1 16.4 24.6

226 32.1 23.4 35.2





#22

Chrysene

Concen: 0.241 ng/ul

RT: 21.067 min Scan# 4063

Delta R.T. -0.009 min

Lab File: BM046091.D

Acq: 19 Jun 2024 18:14

Instrument :

BNA_M

ClientSampleId :

A4BJ9DL

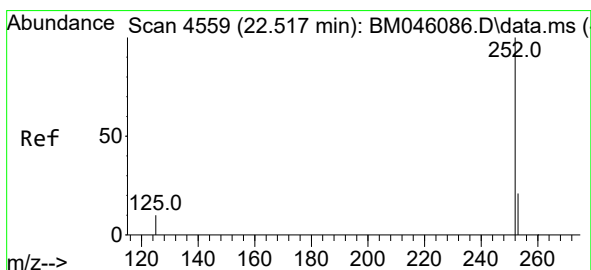
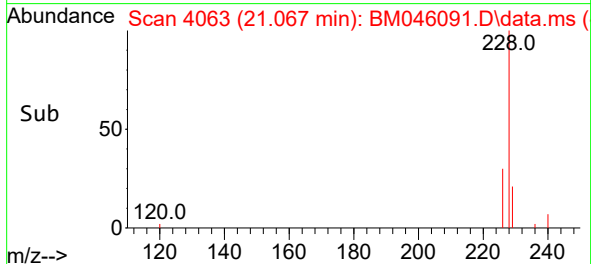
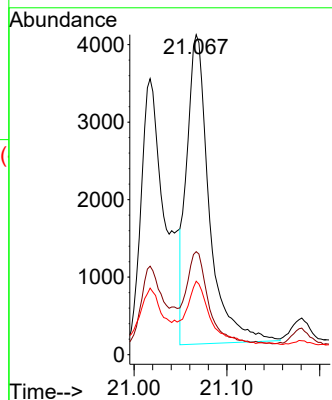
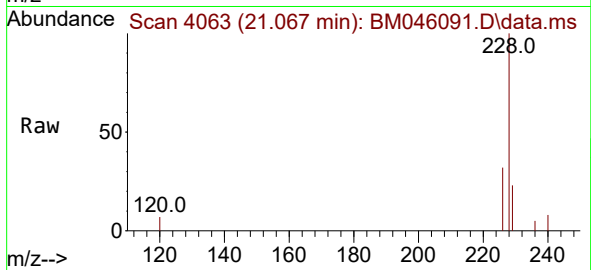
Tgt Ion:228 Resp: 6714

Ion Ratio Lower Upper

228 100

226 32.2 25.2 37.8

229 23.0 16.3 24.5



#24

Benzo(b)fluoranthene

Concen: 0.507 ng/ul

RT: 22.507 min Scan# 4556

Delta R.T. -0.012 min

Lab File: BM046091.D

Acq: 19 Jun 2024 18:14

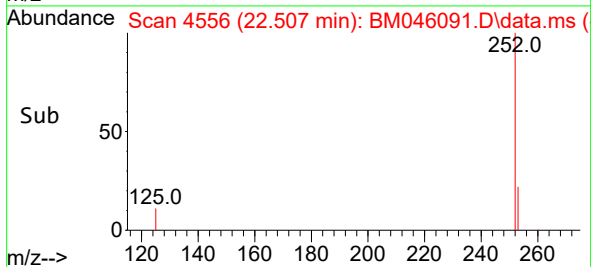
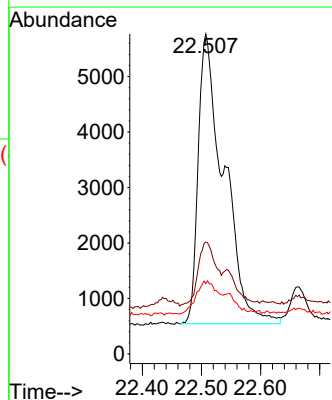
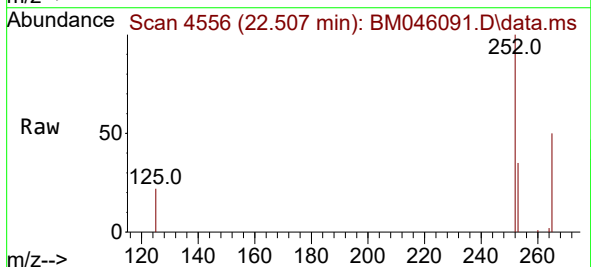
Tgt Ion:252 Resp: 15725

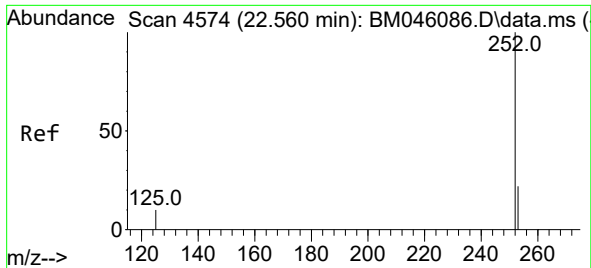
Ion Ratio Lower Upper

252 100

253 35.0 0.0 65.8

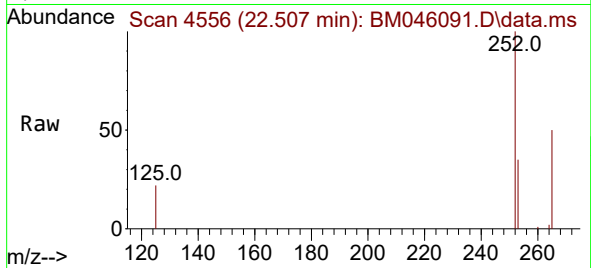
125 22.0 0.0 40.2



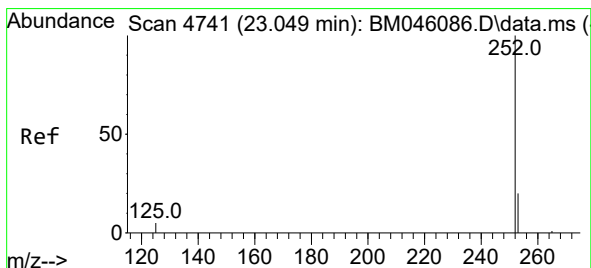
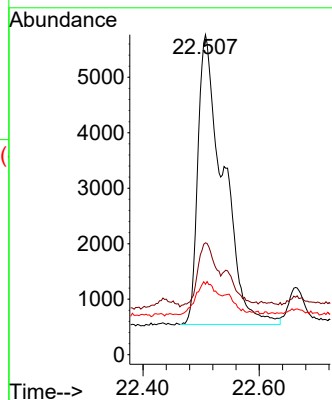


#25
Benzo(k)fluoranthene
Concen: 0.427 ng/ul
RT: 22.507 min Scan# 41
Delta R.T. -0.056 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

Instrument :
BNA_M
ClientSampleId :
A4BJ9DL

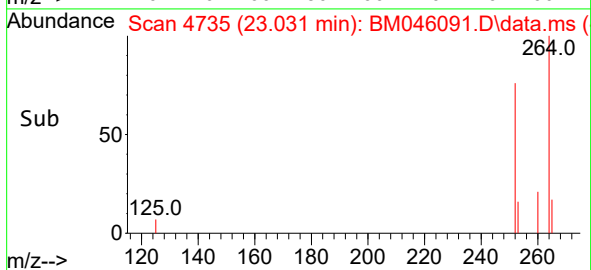
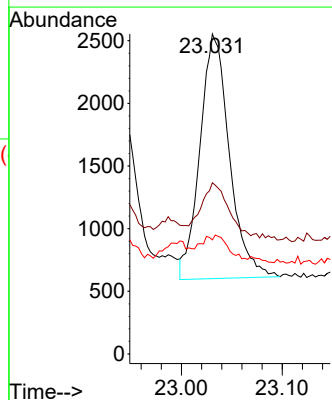
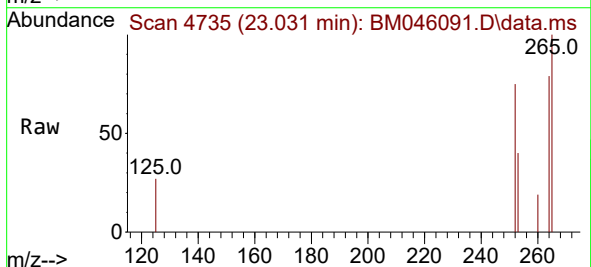


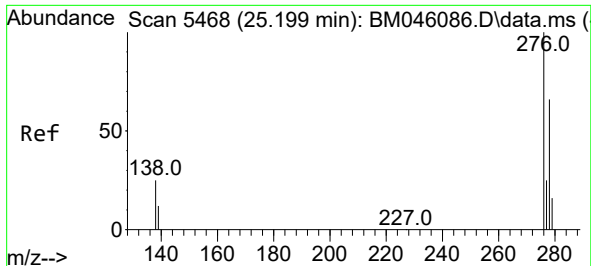
Tgt Ion:252 Resp: 15744
Ion Ratio Lower Upper
252 100
253 35.0 27.2 40.8
125 22.0 16.6 25.0



#26
Benzo(a)pyrene
Concen: 0.138 ng/ul
RT: 23.031 min Scan# 4735
Delta R.T. -0.024 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

Tgt Ion:252 Resp: 3963
Ion Ratio Lower Upper
252 100
253 53.5 32.1 48.1#
125 35.6 21.2 31.8#

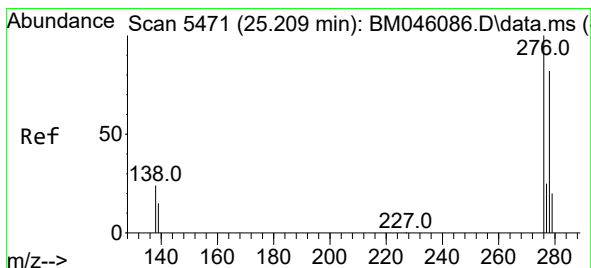
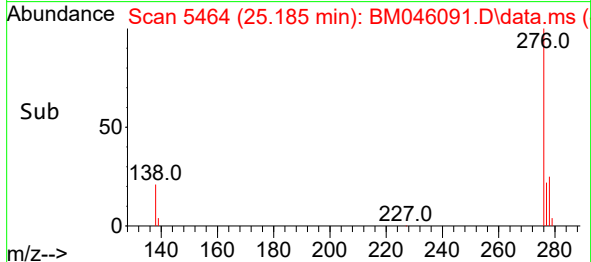
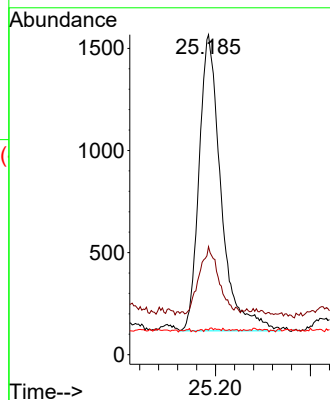
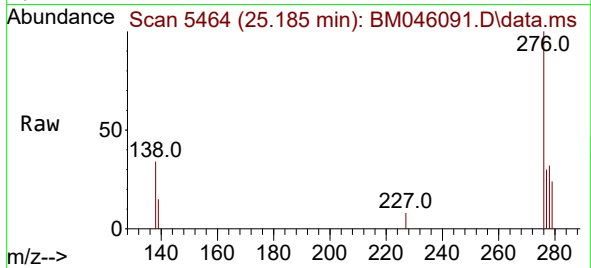




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.099 ng/ul
RT: 25.185 min Scan# 5467
Delta R.T. -0.017 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

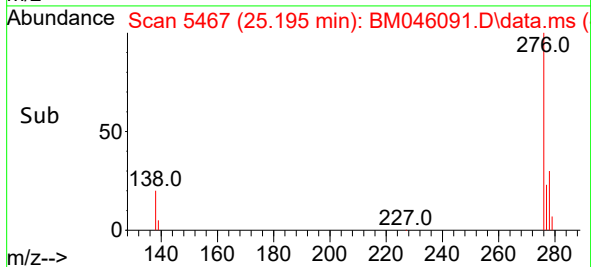
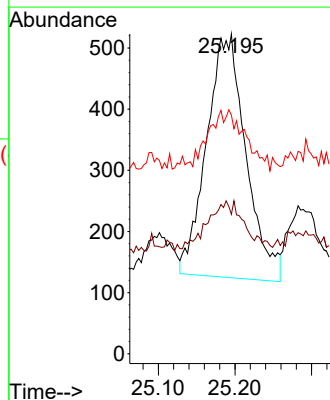
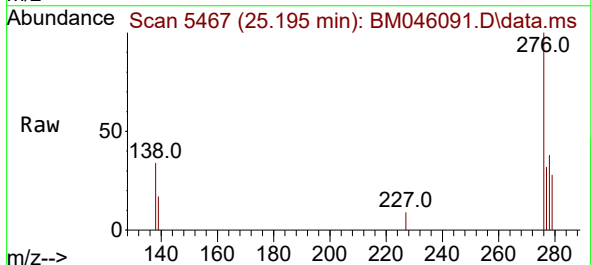
Instrument :
BNA_M
ClientSampleId :
A4BJ9DL

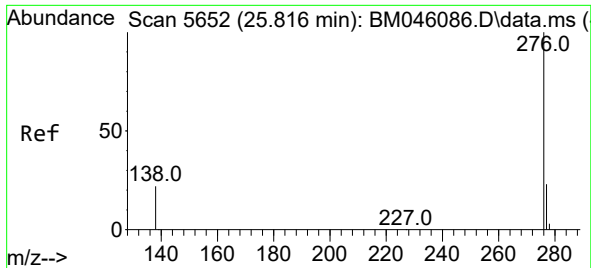
Tgt Ion:276 Resp: 4652
Ion Ratio Lower Upper
276 100
138 20.2 21.0 31.4#
227 0.5 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.040 ng/ul
RT: 25.195 min Scan# 5467
Delta R.T. -0.021 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

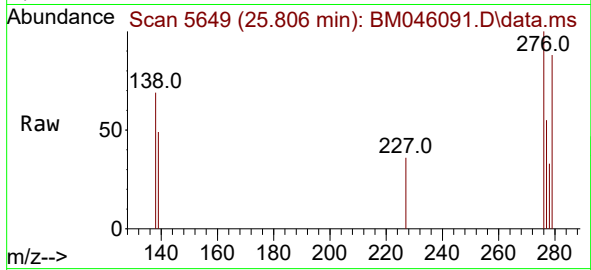
Tgt Ion:278 Resp: 1417
Ion Ratio Lower Upper
278 100
139 43.6 17.6 26.4#
279 74.6 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 25.806 min Scan# 50
Delta R.T. -0.024 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

Instrument :
BNA_M
ClientSampleId :
A4BJ9DL



Tgt Ion:276 Resp: 839
Ion Ratio Lower Upper
276 100
138 69.2 21.7 32.5#
277 54.9 20.4 30.6#

