

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046200.D
 Acq On : 22 Jun 2024 16:28
 Operator : MA/JU
 Sample : P2775-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C86

Quant Time: Jun 23 01:07:33 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 : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

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

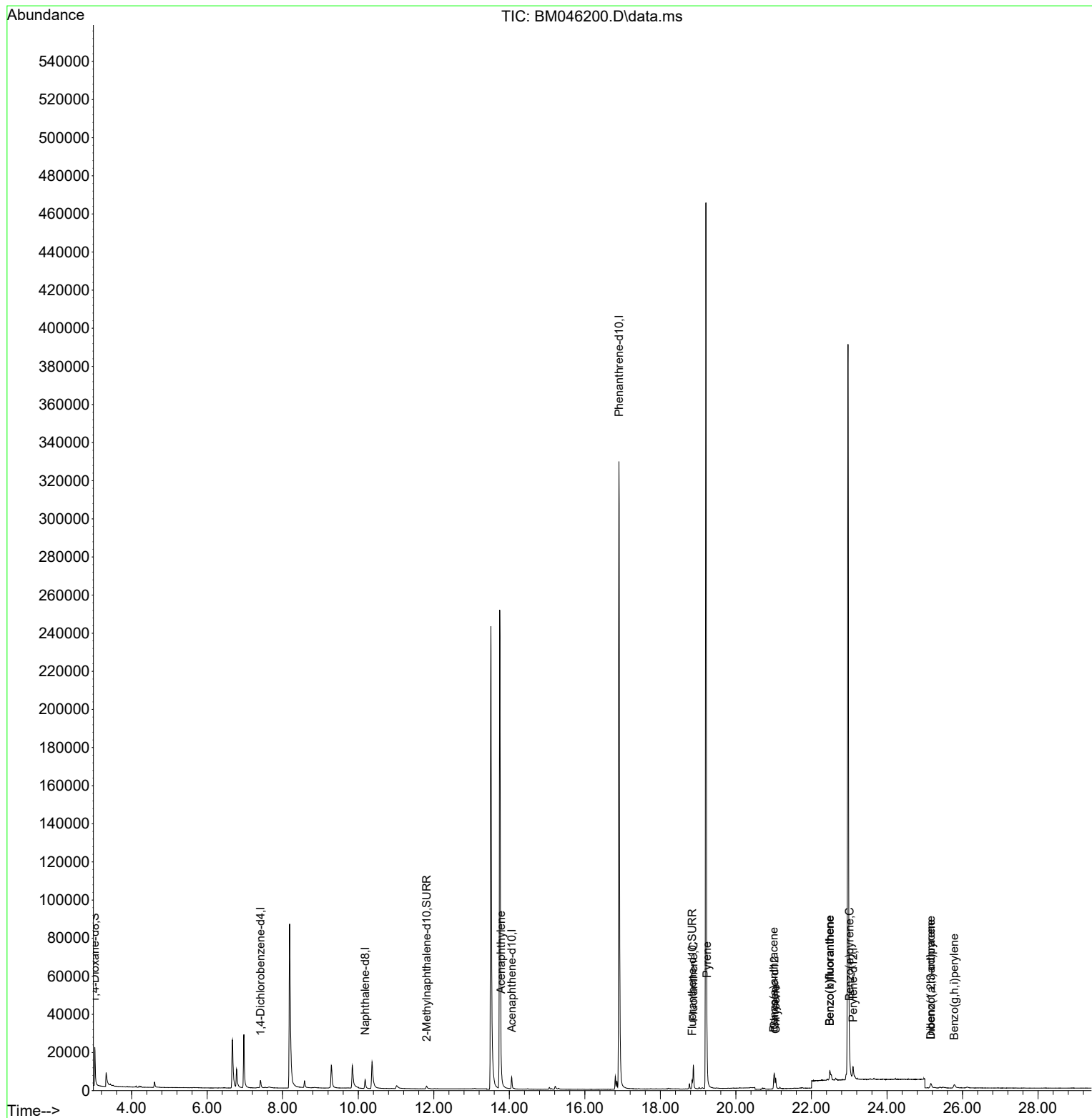
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.409	152	2357	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.182	136	7225	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.061	164	3960	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.904	188	427324	0.400	ng/ul	# 0.04
17) Chrysene-d12	21.018	240	5908	0.400	ng/ul	-0.03
23) Perylene-d12	23.101	264	11041	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	11694	3.616	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.810	152	2671	0.275	ng/ul	-0.05
18) Fluoranthene-d10	18.843	212	5484	0.310	ng/ul	-0.04
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.779	152	836	0.045	ng/ul#	64
19) Fluoranthene	18.875	202	12382	0.484	ng/ul	98
20) Pyrene	19.233	202	11833	0.428	ng/ul#	95
21) Benzo(a)anthracene	21.003	228	5672	0.249	ng/ul	94
22) Chrysene	21.053	228	5496	0.189	ng/ul	96
24) Benzo(b)fluoranthene	22.487	252	11255	0.283	ng/ul	83
25) Benzo(k)fluoranthene	22.487	252	11255	0.238	ng/ul#	85
26) Benzo(a)pyrene	23.008	252	5439	0.148	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.162	276	4253	0.070	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.159	278	999	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	25.783	276	4325	0.084	ng/ul#	84

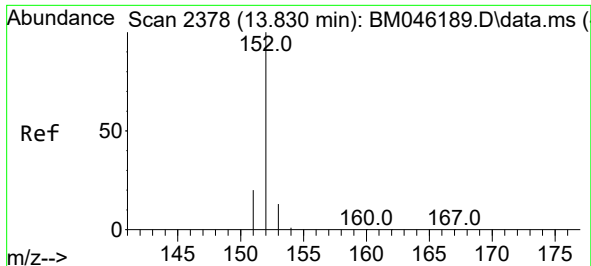
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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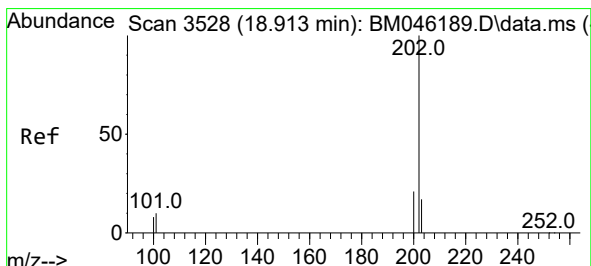
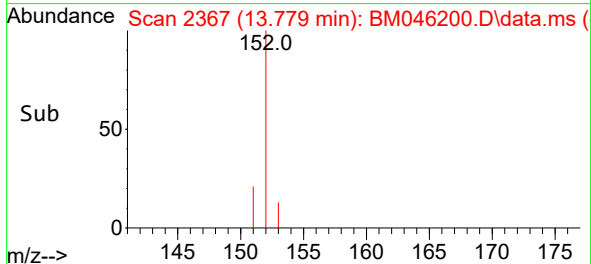
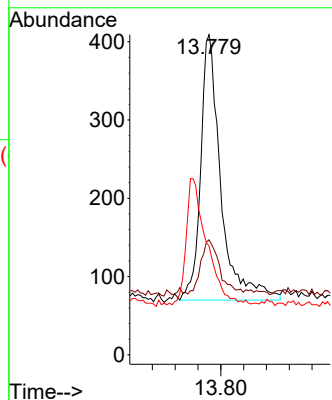
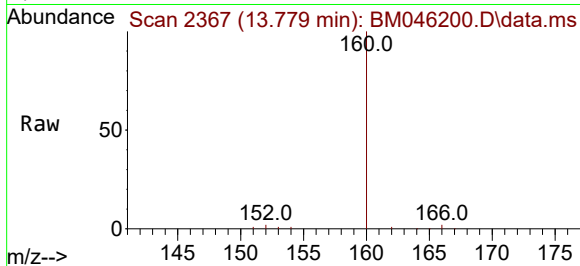




#10
Acenaphthylene
Concen: 0.045 ng/ul
RT: 13.779 min Scan# 21
Delta R.T. -0.055 min
Lab File: BM046200.D
Acq: 22 Jun 2024 16:28

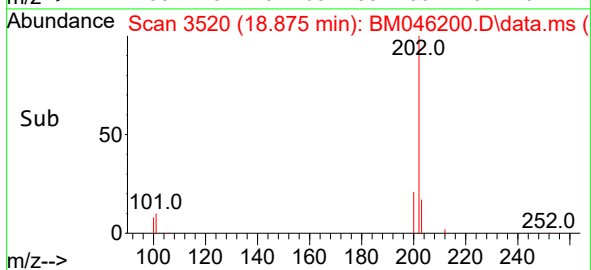
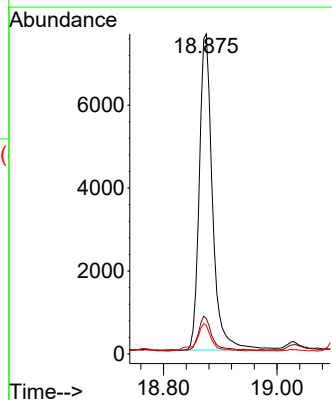
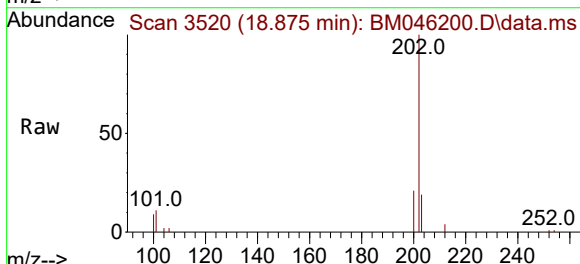
Instrument :
BNA_M
ClientSampleId :
A4C86

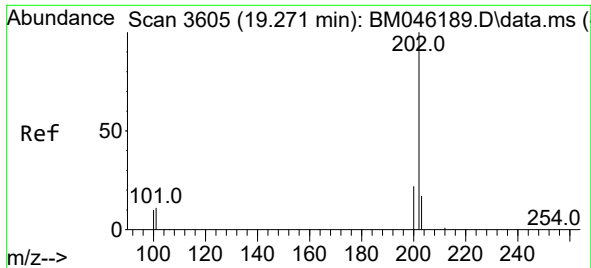
Tgt Ion:152 Resp: 836
Ion Ratio Lower Upper
152 100
151 35.9 17.4 26.2#
153 34.0 11.8 17.8#



#19
Fluoranthene
Concen: 0.484 ng/ul
RT: 18.875 min Scan# 3520
Delta R.T. -0.042 min
Lab File: BM046200.D
Acq: 22 Jun 2024 16:28

Tgt Ion:202 Resp: 12382
Ion Ratio Lower Upper
202 100
101 11.1 9.6 14.4
100 9.0 7.6 11.4

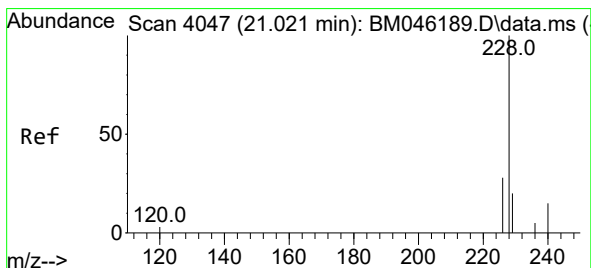
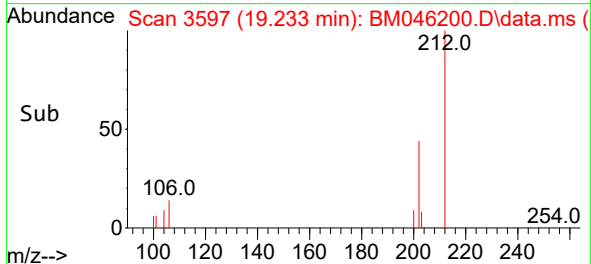
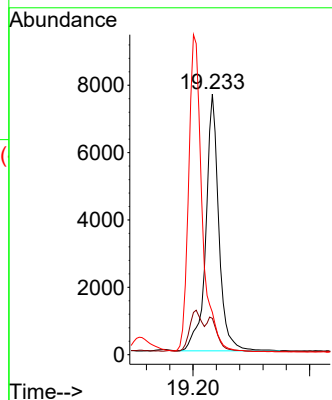
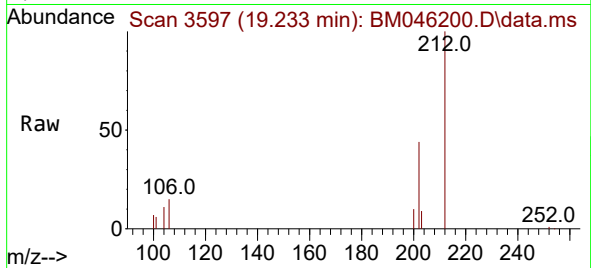




#20
Pyrene
Concen: 0.428 ng/ul
RT: 19.233 min Scan# 31
Delta R.T. -0.042 min
Lab File: BM046200.D
Acq: 22 Jun 2024 16:28

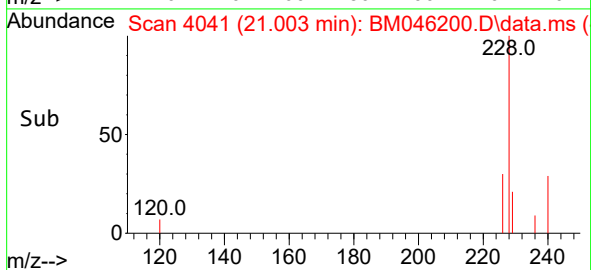
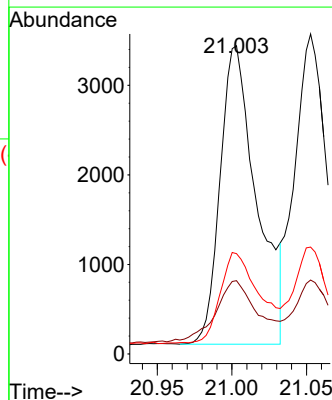
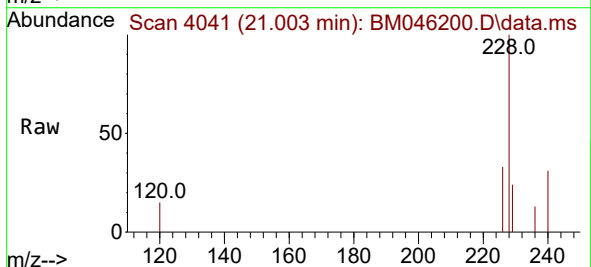
Instrument :
BNA_M
ClientSampleId :
A4C86

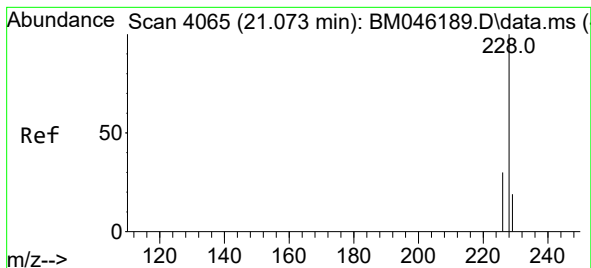
Tgt Ion:202 Resp: 11833
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 16.2 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 0.249 ng/ul
RT: 21.003 min Scan# 4041
Delta R.T. -0.026 min
Lab File: BM046200.D
Acq: 22 Jun 2024 16:28

Tgt Ion:228 Resp: 5672
Ion Ratio Lower Upper
228 100
229 23.8 16.4 24.6
226 32.6 23.4 35.2





#22

Chrysene

Concen: 0.189 ng/ul

RT: 21.053 min Scan# 4065

Delta R.T. -0.023 min

Lab File: BM046200.D

Acq: 22 Jun 2024 16:28

Instrument :

BNA_M

ClientSampleId :

A4C86

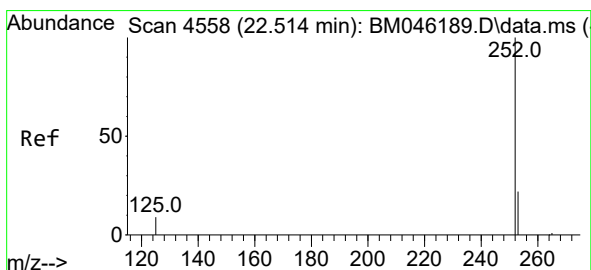
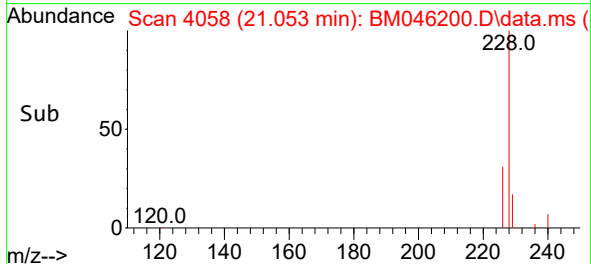
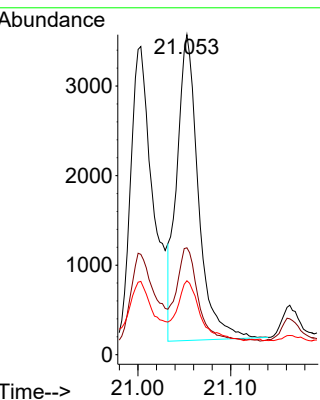
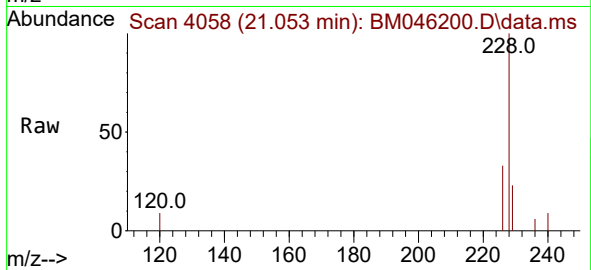
Tgt Ion:228 Resp: 5496

Ion Ratio Lower Upper

228 100

226 33.4 25.2 37.8

229 23.1 16.3 24.5



#24

Benzo(b)fluoranthene

Concen: 0.283 ng/ul

RT: 22.487 min Scan# 4549

Delta R.T. -0.032 min

Lab File: BM046200.D

Acq: 22 Jun 2024 16:28

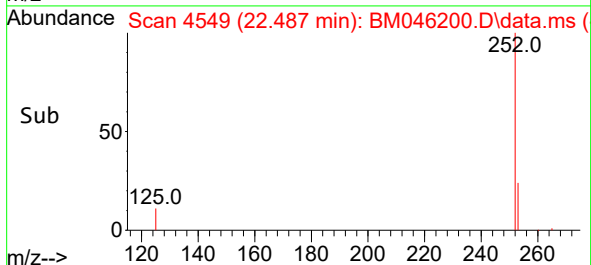
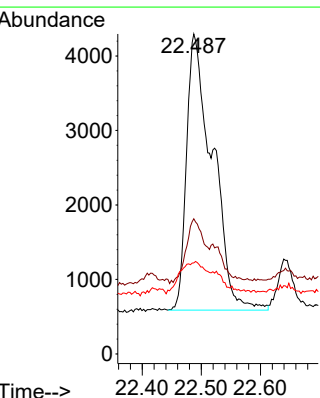
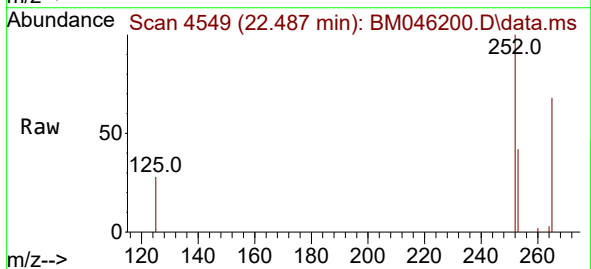
Tgt Ion:252 Resp: 11255

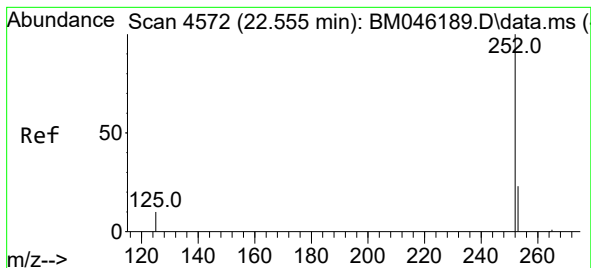
Ion Ratio Lower Upper

252 100

253 42.3 0.0 65.8

125 28.5 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.238 ng/ul

RT: 22.487 min Scan# 4

Delta R.T. -0.076 min

Lab File: BM046200.D

Acq: 22 Jun 2024 16:28

Instrument :

BNA_M

ClientSampleId :

A4C86

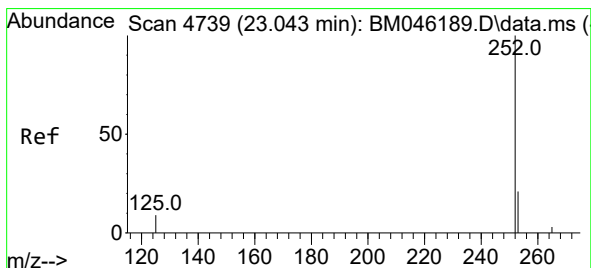
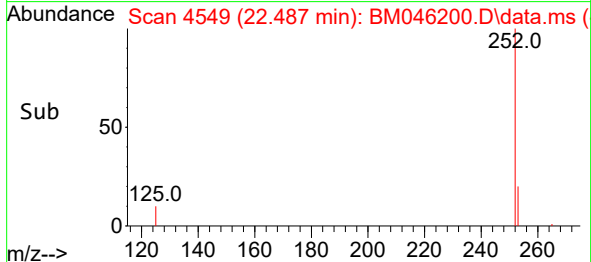
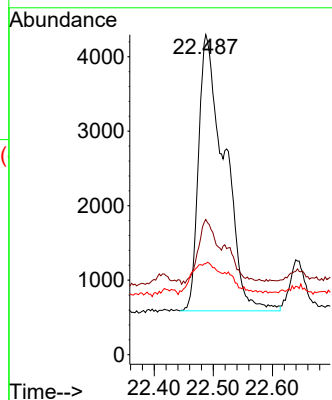
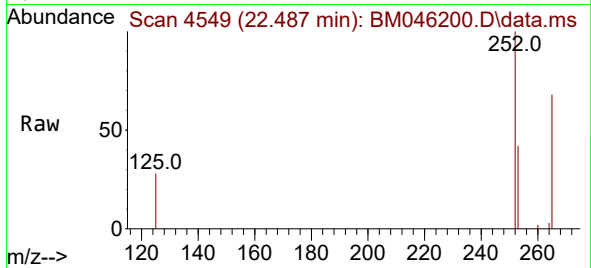
Tgt Ion:252 Resp: 11255

Ion Ratio Lower Upper

252 100

253 42.3 27.2 40.8#

125 28.5 16.6 25.0#



#26

Benzo(a)pyrene

Concen: 0.148 ng/ul

RT: 23.008 min Scan# 4727

Delta R.T. -0.047 min

Lab File: BM046200.D

Acq: 22 Jun 2024 16:28

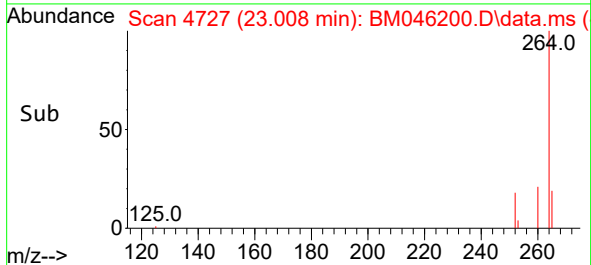
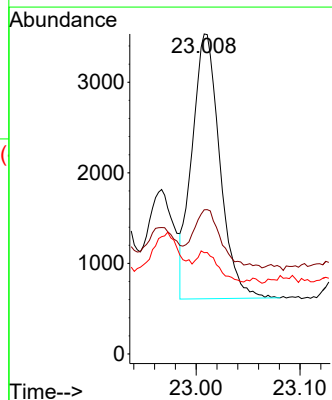
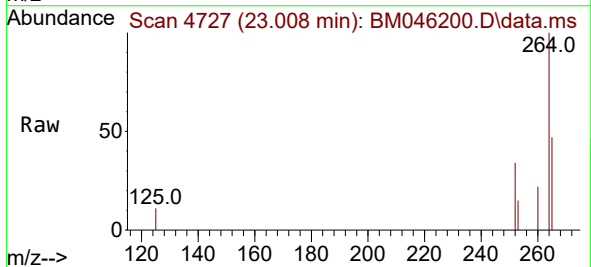
Tgt Ion:252 Resp: 5439

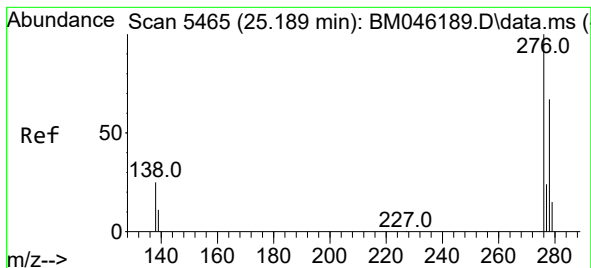
Ion Ratio Lower Upper

252 100

253 45.0 32.1 48.1

125 31.7 21.2 31.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.070 ng/ul

RT: 25.162 min Scan# 54

Delta R.T. -0.040 min

Lab File: BM046200.D

Acq: 22 Jun 2024 16:28

Instrument :

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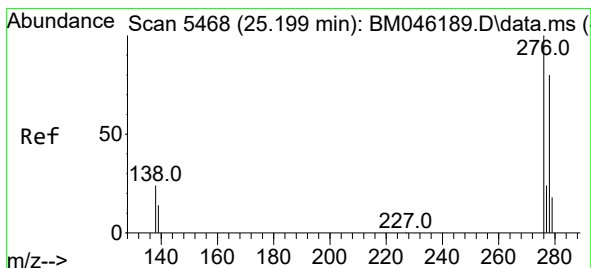
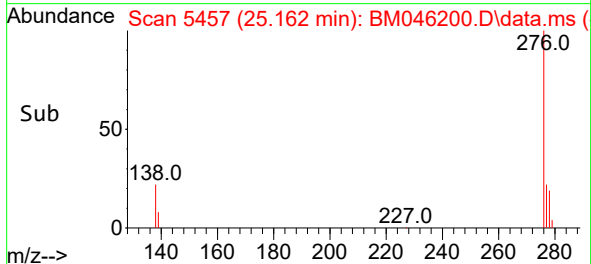
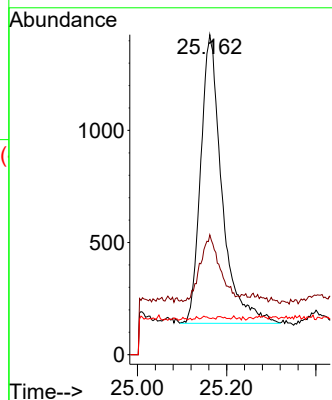
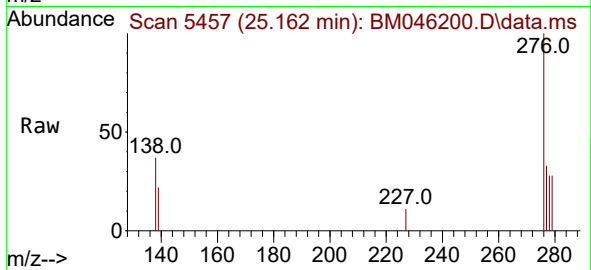
Tgt Ion:276 Resp: 4253

Ion Ratio Lower Upper

276 100

138 22.1 21.0 31.4

227 0.3 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.022 ng/ul

RT: 25.159 min Scan# 5456

Delta R.T. -0.057 min

Lab File: BM046200.D

Acq: 22 Jun 2024 16:28

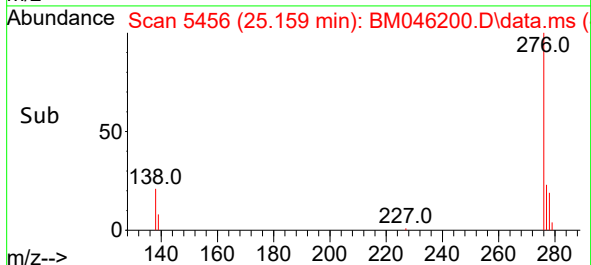
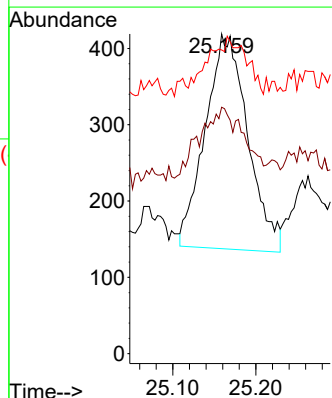
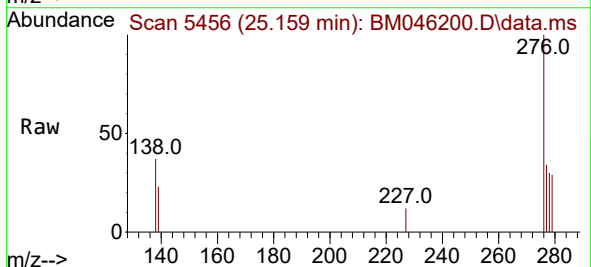
Tgt Ion:278 Resp: 999

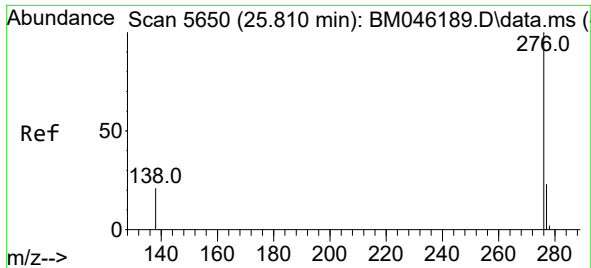
Ion Ratio Lower Upper

278 100

139 77.1 17.6 26.4#

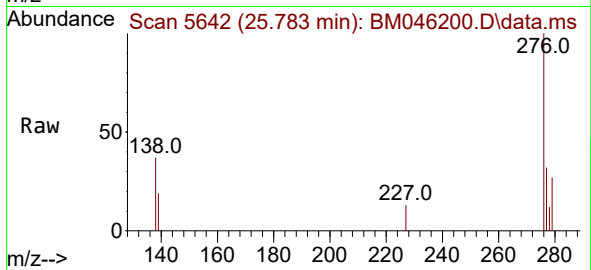
279 95.0 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.084 ng/ul
RT: 25.783 min Scan# 50
Delta R.T. -0.047 min
Lab File: BM046200.D
Acq: 22 Jun 2024 16:28

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 4325
Ion Ratio Lower Upper
276 100
138 36.8 21.7 32.5#
277 32.3 20.4 30.6#

