

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045961.D
 Acq On : 10 Jun 2024 21:23
 Operator : MA/JU
 Sample : P2642-05DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH0DL

Quant Time: Jun 10 22:49:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 22:47:12 2024
 Response via : Initial Calibration

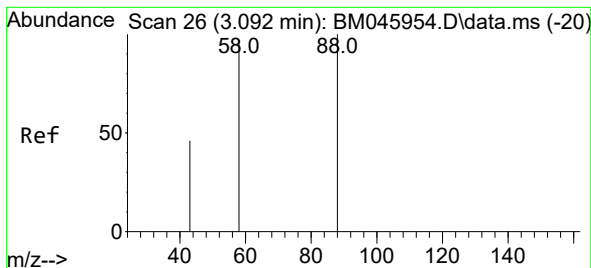
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	4602	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.238	136	14510	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	8053	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	16390	0.400	ng/ul	-0.02
17) Chrysene-d12	21.044	240	13661	0.400	ng/ul	0.00
23) Perylene-d12	23.148	264	17976	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	4201	0.801	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.860	152	891	0.043	ng/ul	0.01
18) Fluoranthene-d10	18.881	212	2032	0.050	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.126	88	130	0.022	ng/ul#	78
5) Naphthalene	10.288	128	1446	0.038	ng/ul#	81
10) Acenaphthylene	13.827	152	1705	0.047	ng/ul#	86
11) Acenaphthene	14.169	153	1642	0.061	ng/ul	97
12) Fluorene	15.164	166	1984	0.066	ng/ul#	98
15) Phenanthrene	16.888	178	33643	0.731	ng/ul	99
16) Anthracene	16.981	178	6637	0.169	ng/ul#	93
19) Fluoranthene	18.909	202	47810	0.878	ng/ul	99
20) Pyrene	19.272	202	44024	0.775	ng/ul	97
21) Benzo(a)anthracene	21.029	228	20640	0.412	ng/ul	97
22) Chrysene	21.079	228	20252	0.371	ng/ul	98
24) Benzo(b)fluoranthene	22.528	252	37346	0.626	ng/ul	99
25) Benzo(k)fluoranthene	22.528	252	37346	0.570	ng/ul	99
26) Benzo(a)pyrene	23.054	252	19538	0.330	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.209	276	14522	0.189	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.212	278	3102	0.051	ng/ul#	60
29) Benzo(g,h,i)perylene	25.836	276	14716	0.223	ng/ul	99

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

Quant Time: Jun 10 22:49:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.022 ng/ul

RT: 3.126 min Scan# 34

Delta R.T. 0.013 min

Lab File: BM045961.D

Acq: 10 Jun 2024 21:23

Instrument :

BNA_M

ClientSampleId :

A4BH0DL

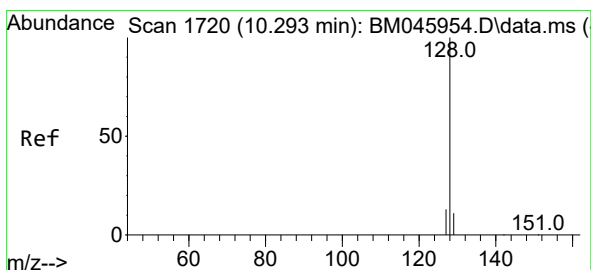
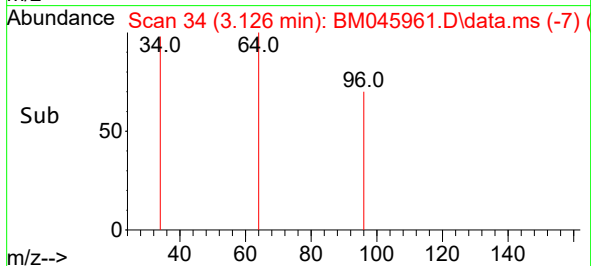
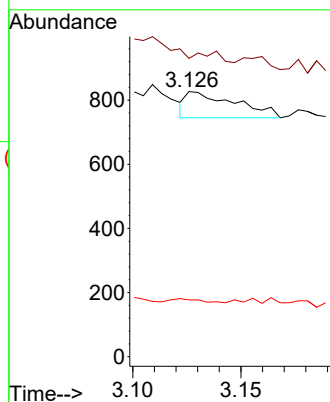
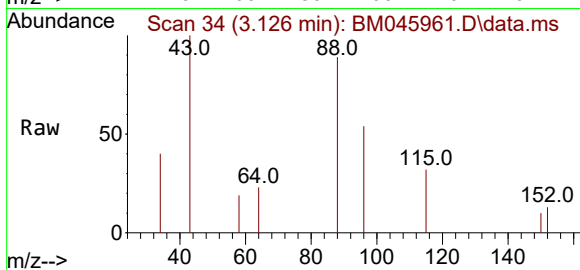
Tgt Ion: 88 Resp: 130

Ion Ratio Lower Upper

88 100

43 112.5 87.4 131.2

58 21.4 51.1 76.7#



#5

Naphthalene

Concen: 0.038 ng/ul

RT: 10.288 min Scan# 1719

Delta R.T. -0.015 min

Lab File: BM045961.D

Acq: 10 Jun 2024 21:23

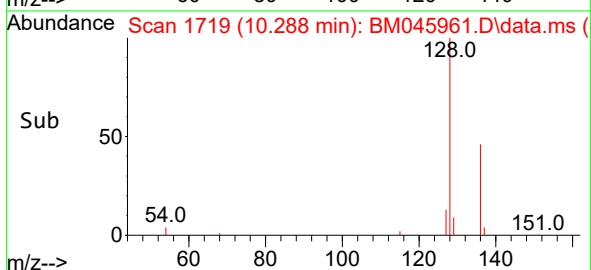
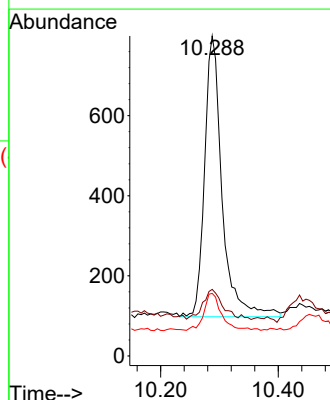
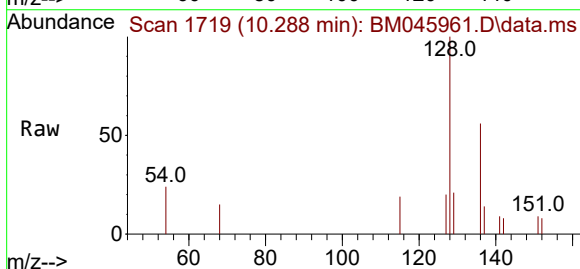
Tgt Ion: 128 Resp: 1446

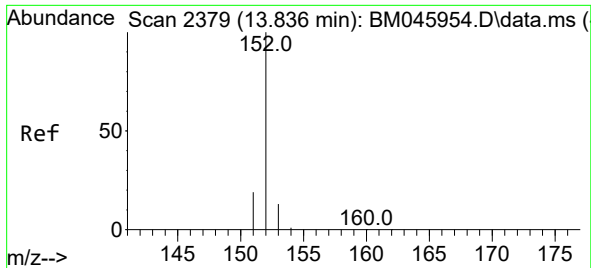
Ion Ratio Lower Upper

128 100

129 20.8 9.4 14.0#

127 19.5 10.6 15.8#

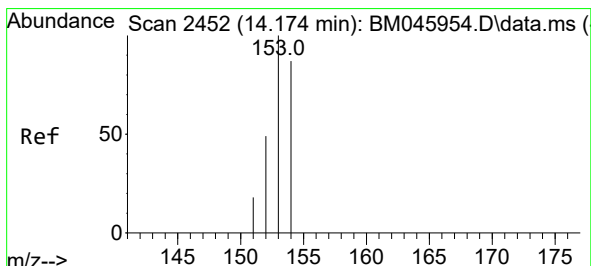
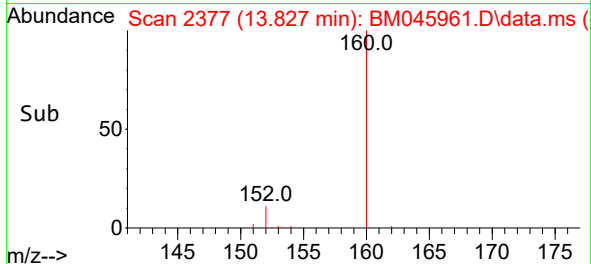
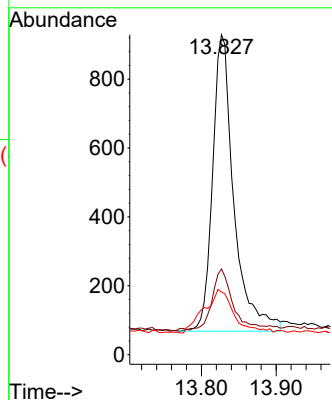
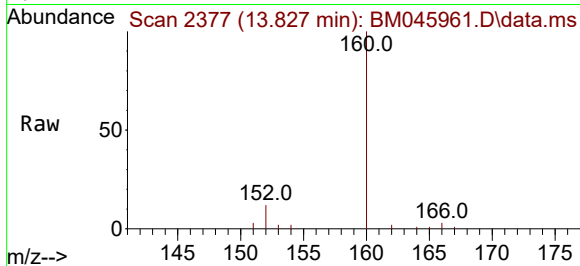




#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 13.827 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM045961.D
Acq: 10 Jun 2024 21:23

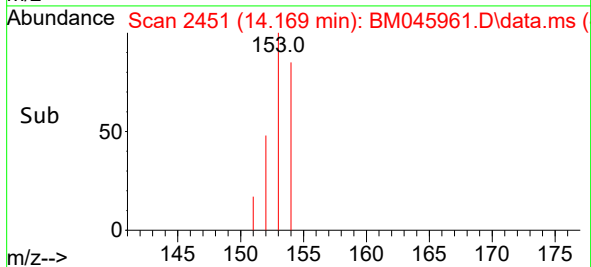
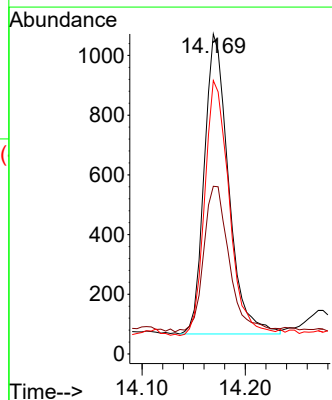
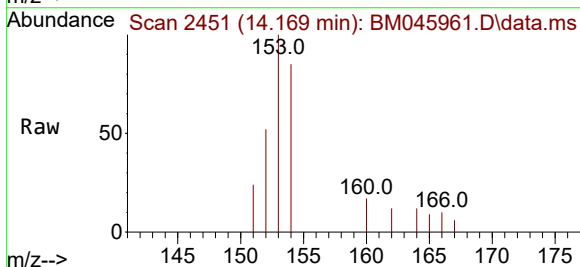
Instrument :
BNA_M
ClientSampleId :
A4BH0DL

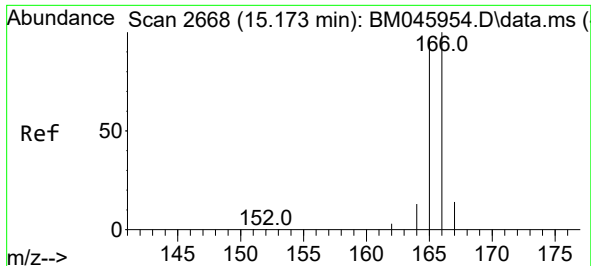
Tgt Ion:152 Resp: 1705
Ion Ratio Lower Upper
152 100
151 26.8 16.4 24.6#
153 19.6 11.1 16.7#



#11
Acenaphthene
Concen: 0.061 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.013 min
Lab File: BM045961.D
Acq: 10 Jun 2024 21:23

Tgt Ion:153 Resp: 1642
Ion Ratio Lower Upper
153 100
152 52.4 39.0 58.4
154 85.4 69.4 104.2

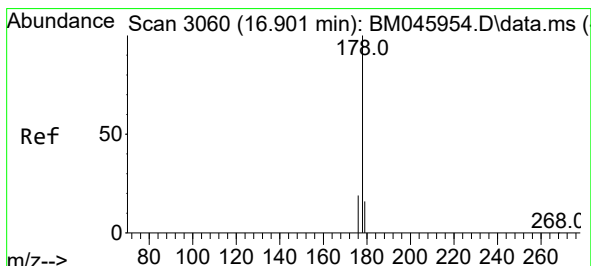
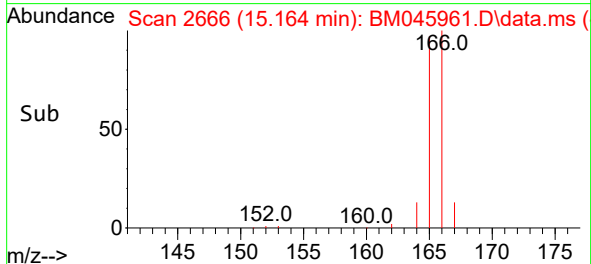
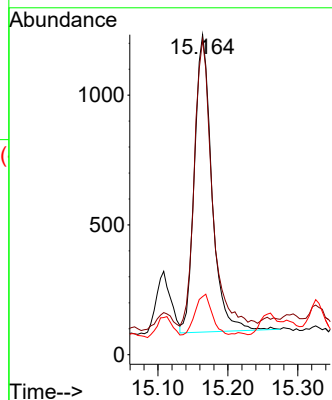
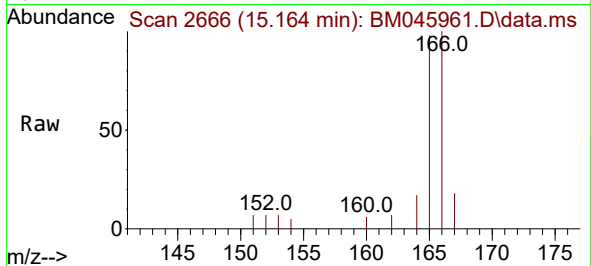




#12
Fluorene
Concen: 0.066 ng/ul
RT: 15.164 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM045961.D
Acq: 10 Jun 2024 21:23

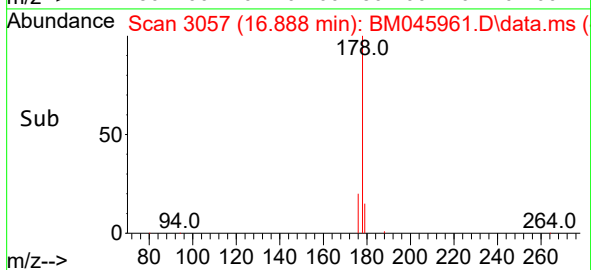
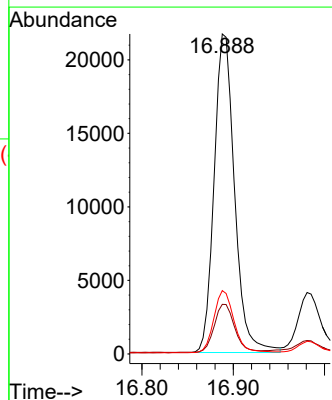
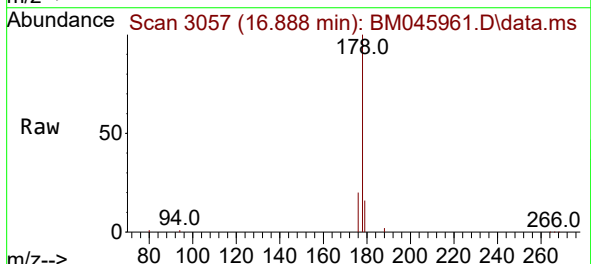
Instrument :
BNA_M
ClientSampleId :
A4BH0DL

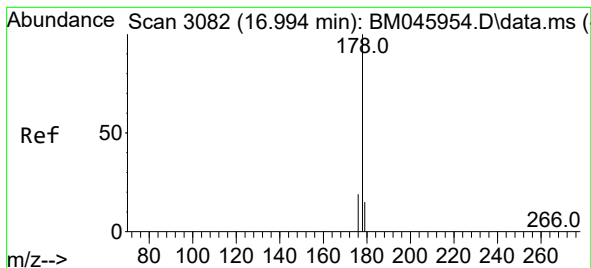
Tgt Ion:166 Resp: 1984
Ion Ratio Lower Upper
166 100
165 98.5 79.7 119.5
167 18.2 11.3 16.9#



#15
Phenanthrene
Concen: 0.731 ng/ul
RT: 16.888 min Scan# 3057
Delta R.T. -0.016 min
Lab File: BM045961.D
Acq: 10 Jun 2024 21:23

Tgt Ion:178 Resp: 33643
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.8 15.6 23.4





#16

Anthracene

Concen: 0.169 ng/ul

RT: 16.981 min Scan# 3082

Delta R.T. -0.016 min

Lab File: BM045961.D

Acq: 10 Jun 2024 21:23

Instrument :

BNA_M

ClientSampleId :

A4BH0DL

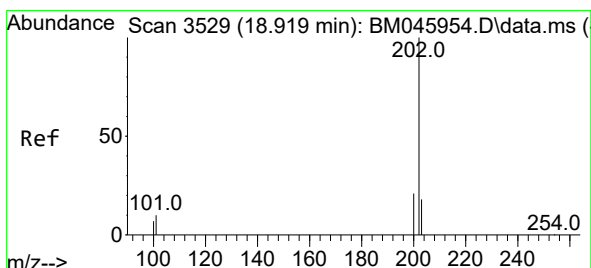
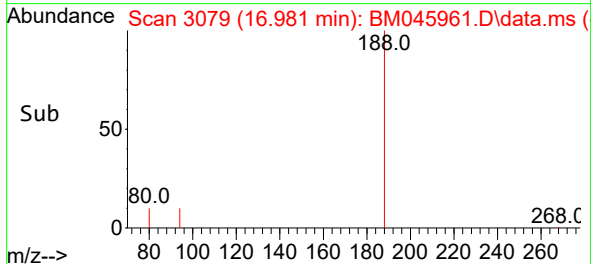
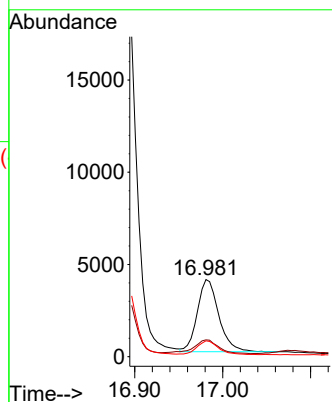
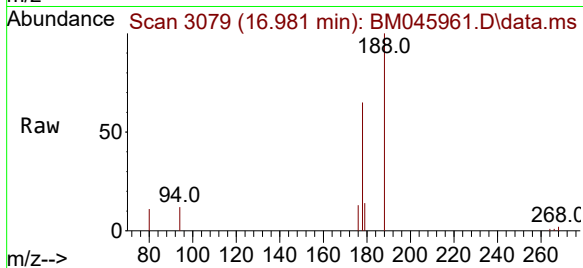
Tgt Ion:178 Resp: 6637

Ion Ratio Lower Upper

178 100

179 21.8 13.1 19.7#

176 20.5 15.5 23.3



#19

Fluoranthene

Concen: 0.878 ng/ul

RT: 18.909 min Scan# 3527

Delta R.T. -0.013 min

Lab File: BM045961.D

Acq: 10 Jun 2024 21:23

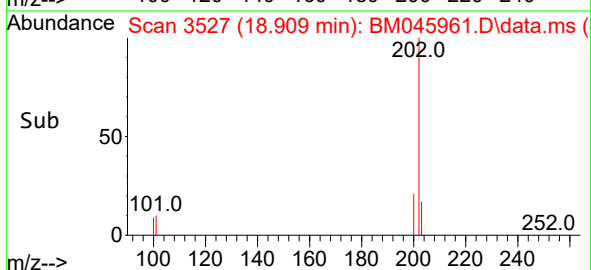
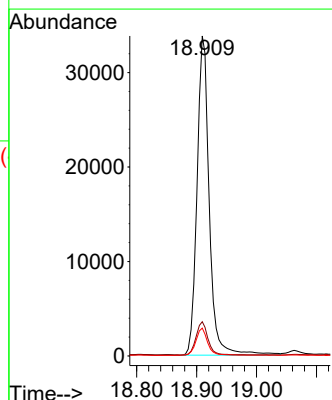
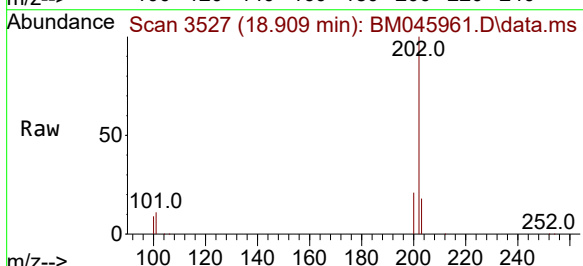
Tgt Ion:202 Resp: 47810

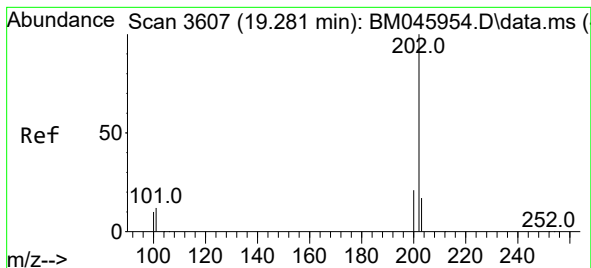
Ion Ratio Lower Upper

202 100

101 10.7 9.0 13.6

100 8.7 7.0 10.6





#20

Pyrene

Concen: 0.775 ng/ul

RT: 19.272 min Scan# 3

Delta R.T. -0.013 min

Lab File: BM045961.D

Acq: 10 Jun 2024 21:23

Instrument :

BNA_M

ClientSampleId :

A4BH0DL

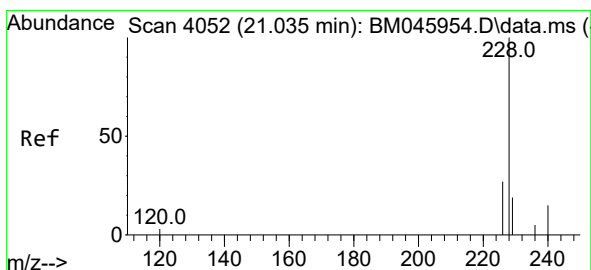
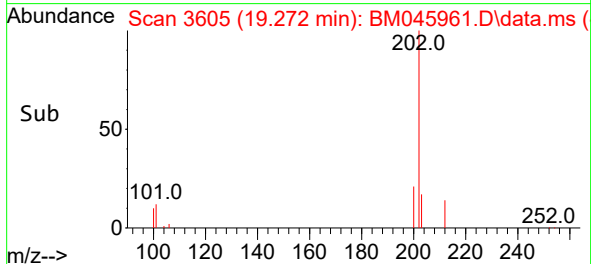
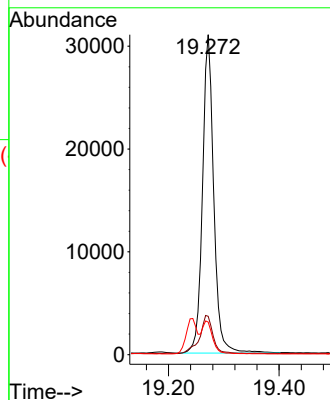
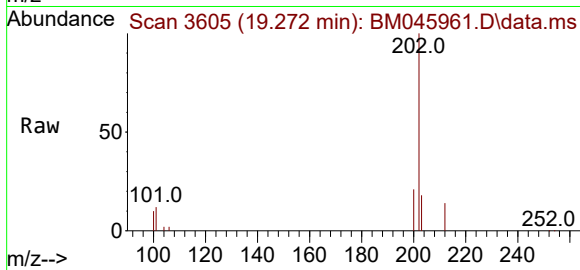
Tgt Ion:202 Resp: 44024

Ion Ratio Lower Upper

202 100

101 12.0 10.6 16.0

100 10.2 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.412 ng/ul

RT: 21.029 min Scan# 4050

Delta R.T. -0.006 min

Lab File: BM045961.D

Acq: 10 Jun 2024 21:23

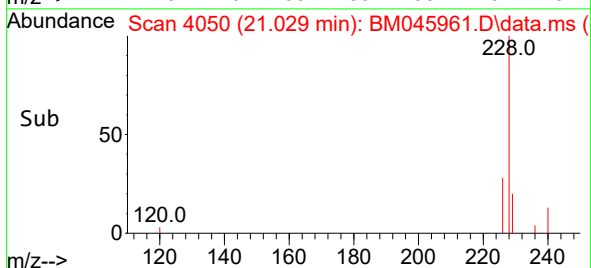
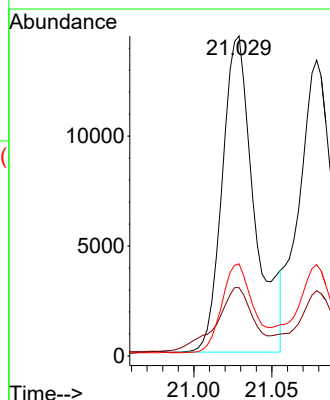
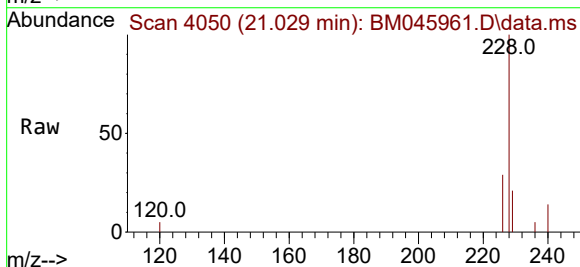
Tgt Ion:228 Resp: 20640

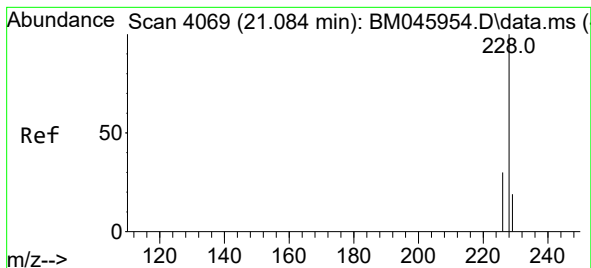
Ion Ratio Lower Upper

228 100

229 21.4 15.7 23.5

226 28.8 22.0 33.0





#22

Chrysene

Concen: 0.371 ng/ul

RT: 21.079 min Scan# 4067

Delta R.T. -0.009 min

Lab File: BM045961.D

Acq: 10 Jun 2024 21:23

Instrument :

BNA_M

ClientSampleId :

A4BH0DL

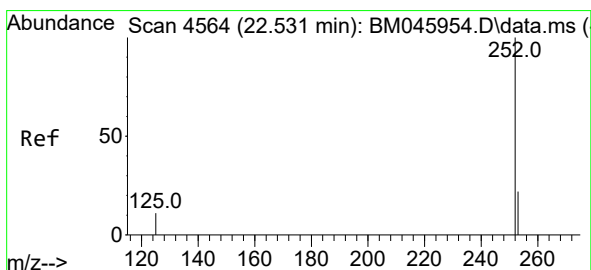
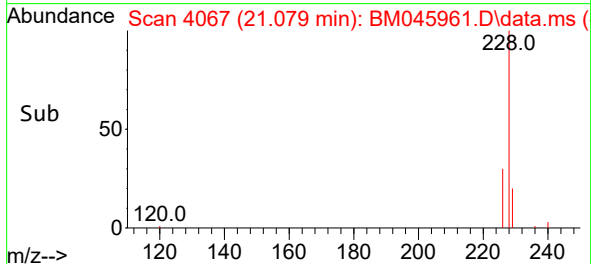
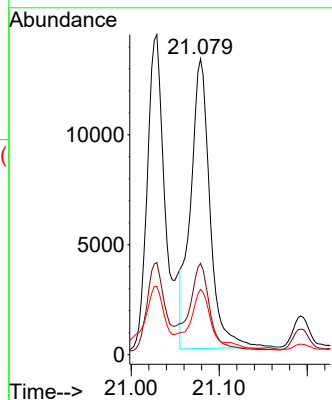
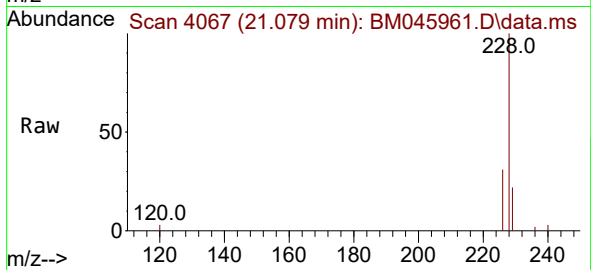
Tgt Ion:228 Resp: 20252

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 22.1 16.2 24.2



#24

Benzo(b)fluoranthene

Concen: 0.626 ng/ul

RT: 22.528 min Scan# 4563

Delta R.T. -0.009 min

Lab File: BM045961.D

Acq: 10 Jun 2024 21:23

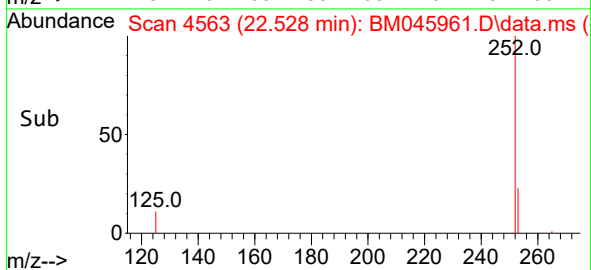
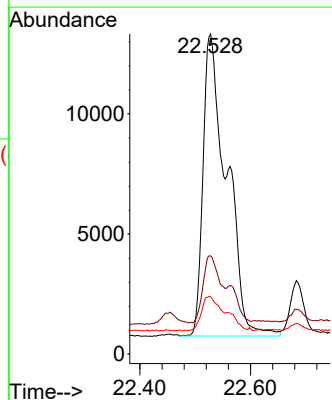
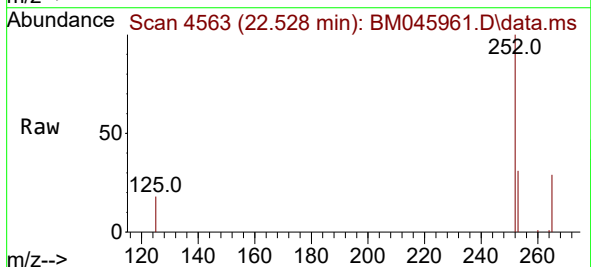
Tgt Ion:252 Resp: 37346

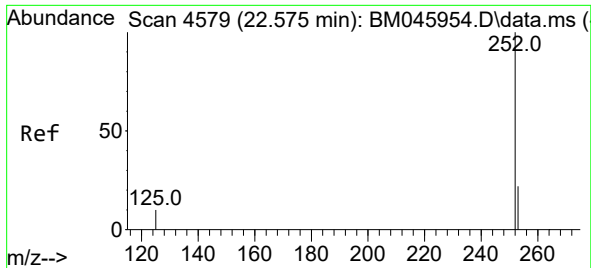
Ion Ratio Lower Upper

252 100

253 30.6 0.0 63.6

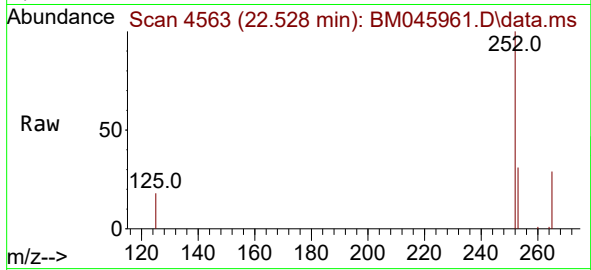
125 17.9 0.0 35.8



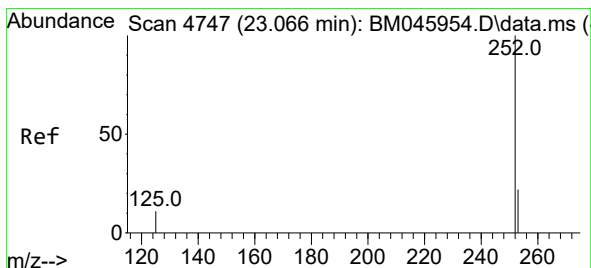
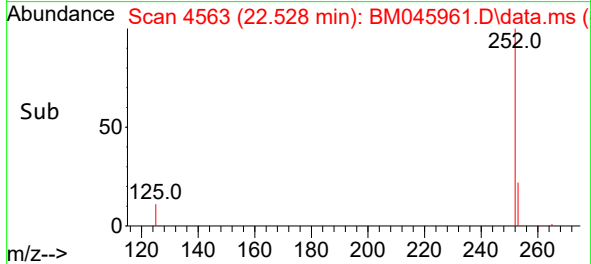
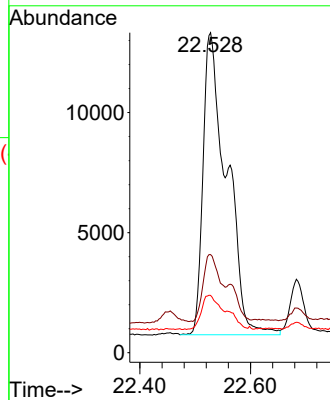


#25
Benzo(k)fluoranthene
Concen: 0.570 ng/ul
RT: 22.528 min Scan# 41
Delta R.T. -0.053 min
Lab File: BM045961.D
Acq: 10 Jun 2024 21:23

Instrument :
BNA_M
ClientSampleId :
A4BH0DL

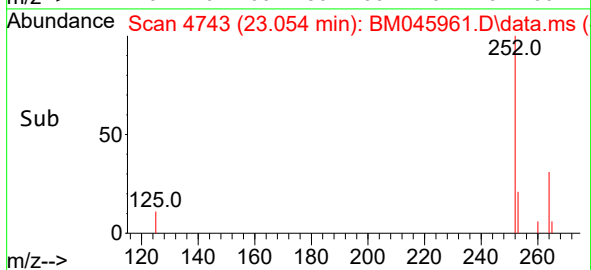
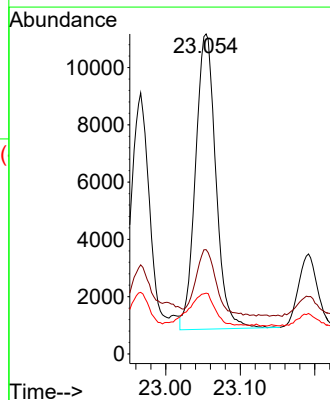
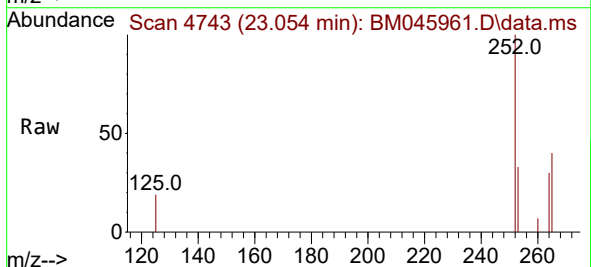


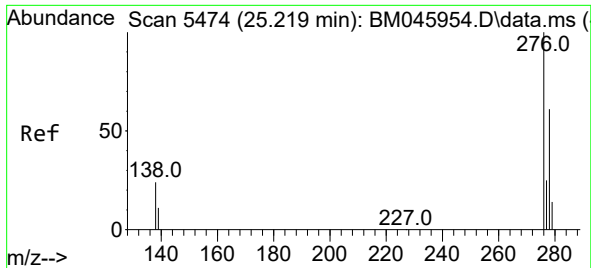
Tgt Ion:252 Resp: 37346
Ion Ratio Lower Upper
252 100
253 30.6 25.0 37.6
125 17.9 14.2 21.2



#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.054 min Scan# 4743
Delta R.T. -0.018 min
Lab File: BM045961.D
Acq: 10 Jun 2024 21:23

Tgt Ion:252 Resp: 19538
Ion Ratio Lower Upper
252 100
253 32.6 28.8 43.2
125 19.0 17.3 25.9

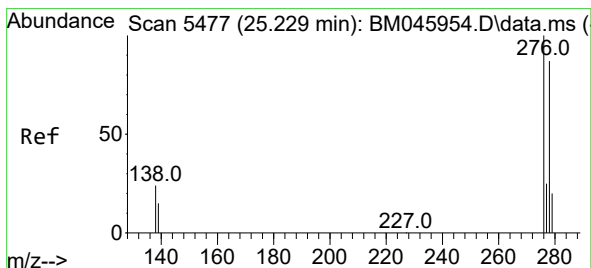
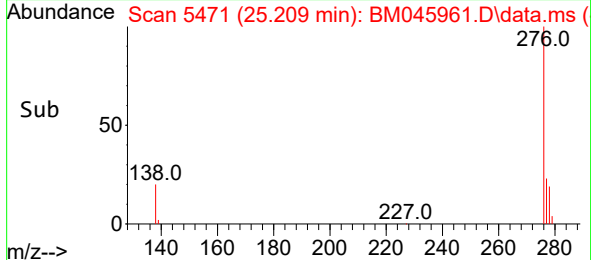
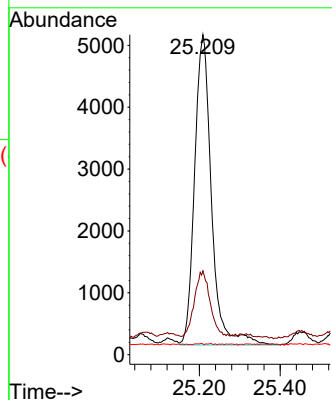
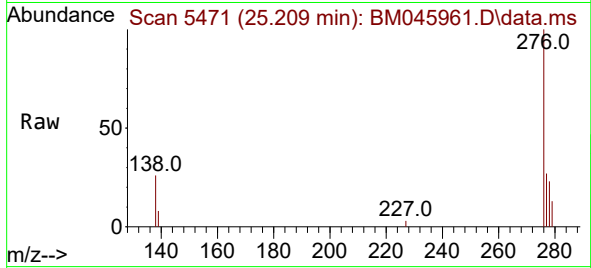




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.189 ng/ul
RT: 25.209 min Scan# 5471
Delta R.T. -0.023 min
Lab File: BM045961.D
Acq: 10 Jun 2024 21:23

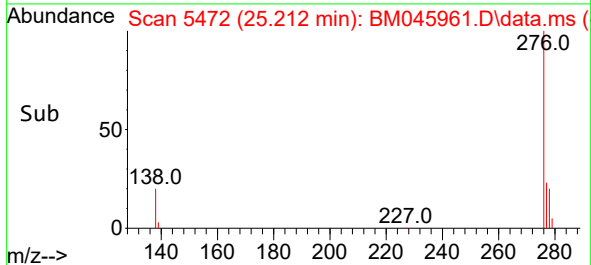
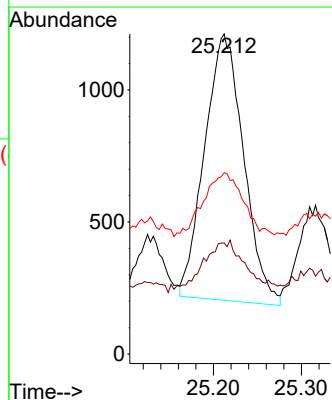
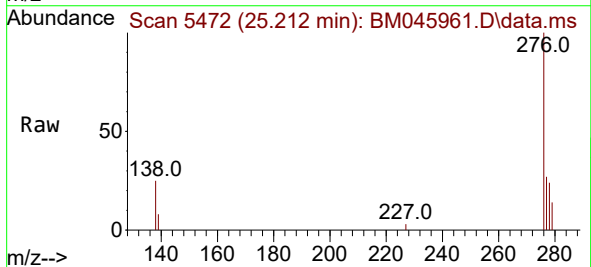
Instrument :
BNA_M
ClientSampleId :
A4BH0DL

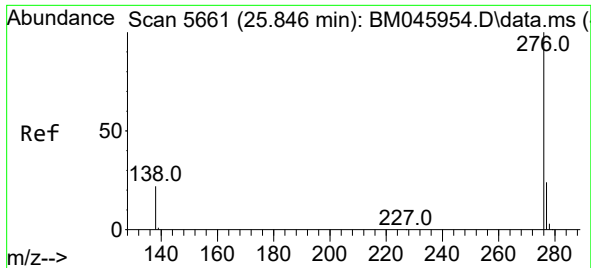
Tgt Ion:276 Resp: 14522
Ion Ratio Lower Upper
276 100
138 20.3 20.7 31.1#
227 0.2 0.2 0.2



#28
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 25.212 min Scan# 5472
Delta R.T. -0.037 min
Lab File: BM045961.D
Acq: 10 Jun 2024 21:23

Tgt Ion:278 Resp: 3102
Ion Ratio Lower Upper
278 100
139 34.7 16.6 25.0#
279 56.7 24.6 37.0#





#29
Benzo(g,h,i)perylene
Concen: 0.223 ng/ul
RT: 25.836 min Scan# 50
Delta R.T. -0.027 min
Lab File: BM045961.D
Acq: 10 Jun 2024 21:23

Instrument :
BNA_M
ClientSampleId :
A4BH0DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.0	31.4
277	26.0	20.5	30.7

