

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061224\
 Data File : BM045994.D
 Acq On : 12 Jun 2024 12:02
 Operator : MA/JU
 Sample : P2642-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4DG2

Quant Time: Jun 13 00:07:23 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 : Thu Jun 13 00:05:38 2024
 Response via : Initial Calibration

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

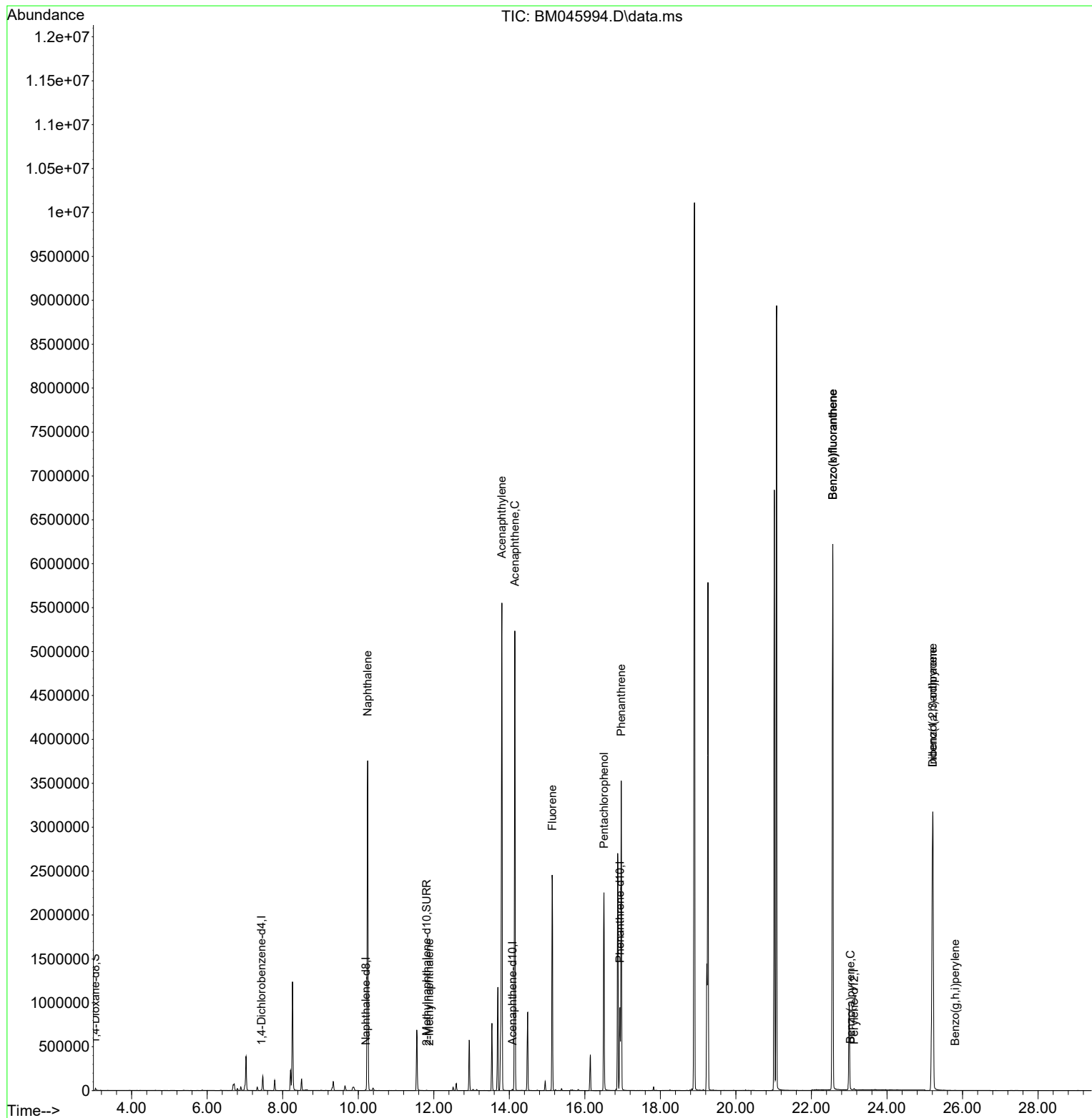
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	3822	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.198	136	12228	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.080	164	7237	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.929	188	1121887	0.400	ng/ul	0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.128	264	18588	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	15758	3.620	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.810	152	5102	0.290	ng/ul	-0.02
18) Fluoranthene-d10	18.861	212	16470	0.000	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.248	128	5042316	157.781	ng/ul	99
7) 2-Methylnaphthalene	11.881	142	858	0.042	ng/ul#	60
10) Acenaphthylene	13.802	152	6028597	183.172	ng/ul	99
11) Acenaphthene	14.145	153	2927903	121.069	ng/ul	98
12) Fluorene	15.135	166	1483736	54.883	ng/ul	98
14) Pentachlorophenol	16.507	266	1374405	6.552	ng/ul	98
15) Phenanthrene	16.963	178	3459721	1.098	ng/ul	99
24) Benzo(b)fluoranthene	22.566	252	8149589	132.186	ng/ul	85
25) Benzo(k)fluoranthene	22.566	252	8161685	120.465	ng/ul#	85
26) Benzo(a)pyrene	23.034	252	1475	0.024	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.213	276	1126228	14.205	ng/ul#	52
28) Dibenzo(a,h)anthracene	25.213	278	4667637	73.647	ng/ul#	90
29) Benzo(g,h,i)perylene	25.803	276	3192	0.047	ng/ul#	68

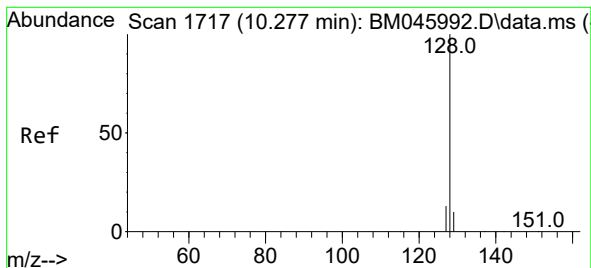
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 157.781 ng/ul

RT: 10.248 min Scan# 11

Delta R.T. -0.029 min

Lab File: BM045994.D

Acq: 12 Jun 2024 12:02

Instrument :

BNA_M

ClientSampleId :

A4DG2

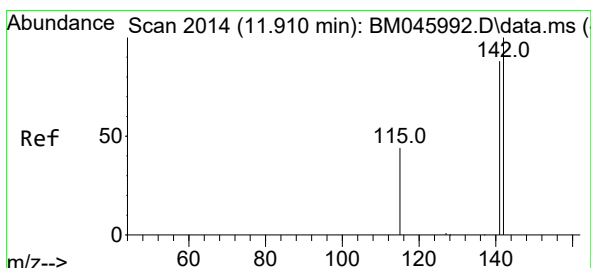
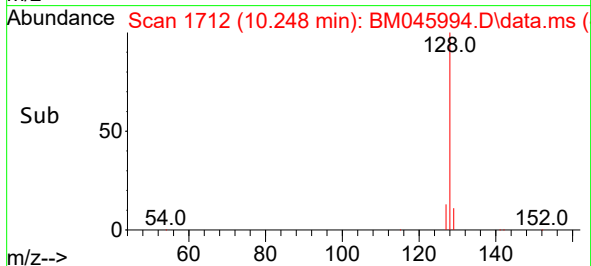
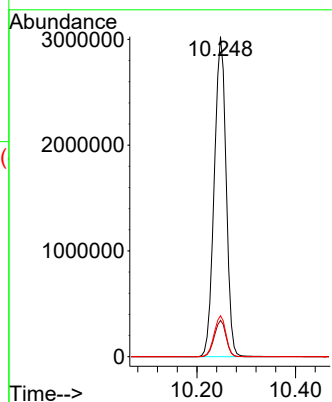
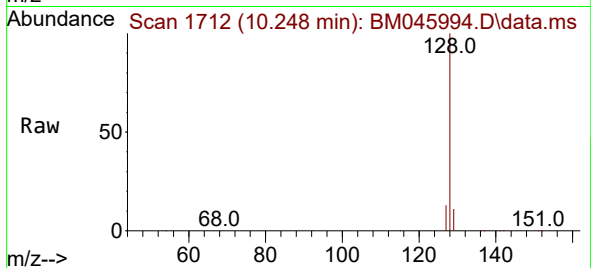
Tgt Ion:128 Resp: 5042316

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

127 12.8 10.6 15.8



#7

2-Methylnaphthalene

Concen: 0.042 ng/ul

RT: 11.881 min Scan# 2009

Delta R.T. -0.029 min

Lab File: BM045994.D

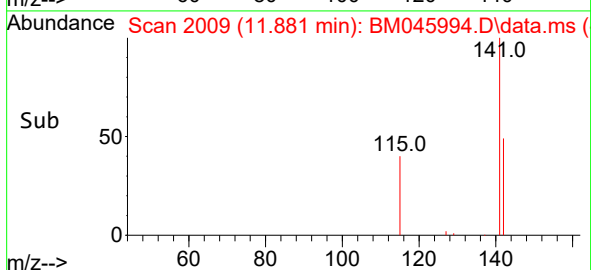
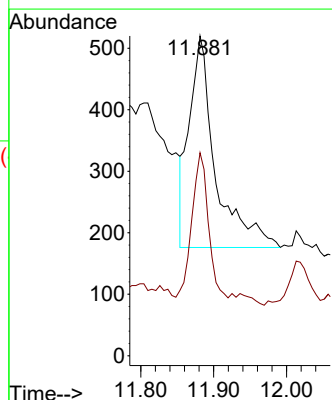
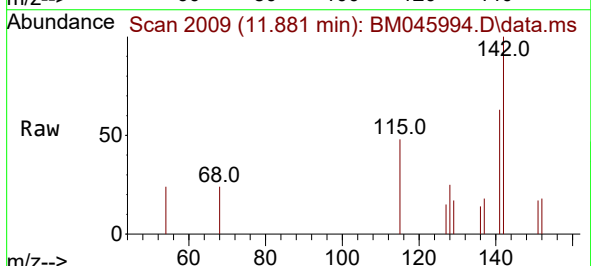
Acq: 12 Jun 2024 12:02

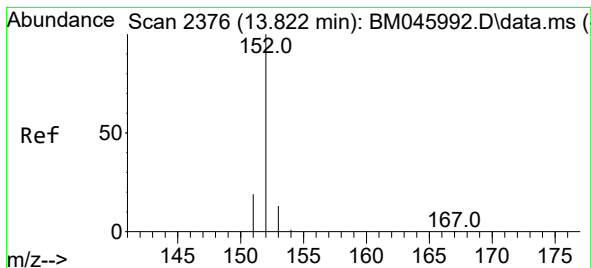
Tgt Ion:142 Resp: 858

Ion Ratio Lower Upper

142 100

141 52.4 72.2 108.4#





#10

Acenaphthylene

Concen: 183.172 ng/ul

RT: 13.802 min Scan# 21

Delta R.T. -0.020 min

Lab File: BM045994.D

Acq: 12 Jun 2024 12:02

Instrument :

BNA_M

ClientSampleId :

A4DG2

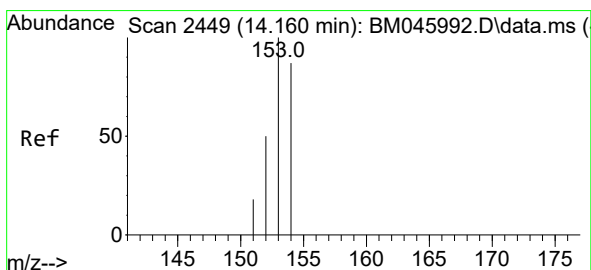
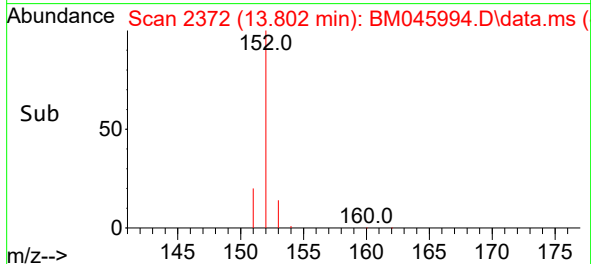
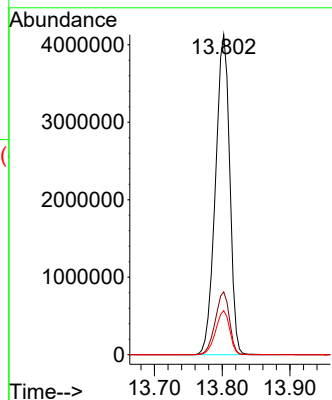
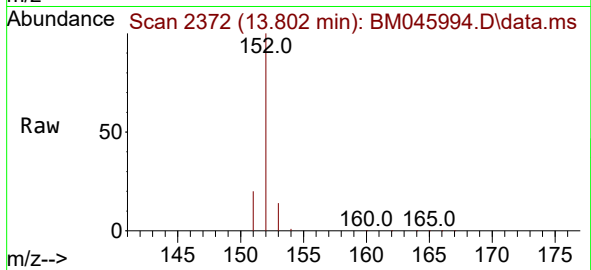
Tgt Ion:152 Resp: 6028597

Ion Ratio Lower Upper

152 100

151 19.6 16.4 24.6

153 13.8 11.1 16.7



#11

Acenaphthene

Concen: 121.069 ng/ul

RT: 14.145 min Scan# 2446

Delta R.T. -0.015 min

Lab File: BM045994.D

Acq: 12 Jun 2024 12:02

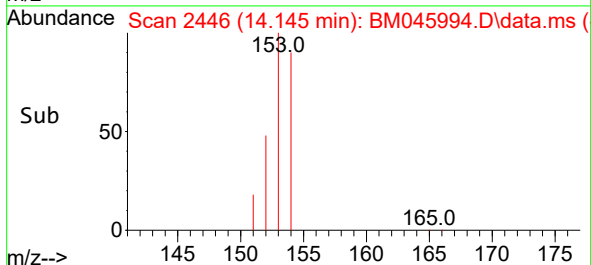
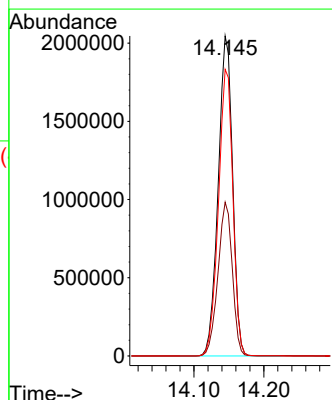
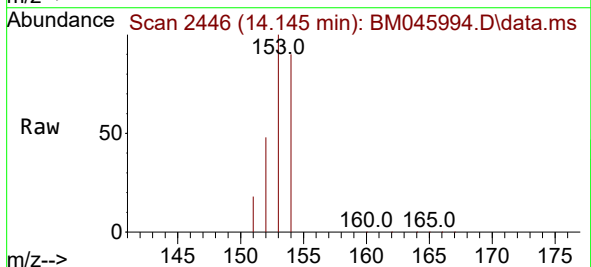
Tgt Ion:153 Resp: 2927903

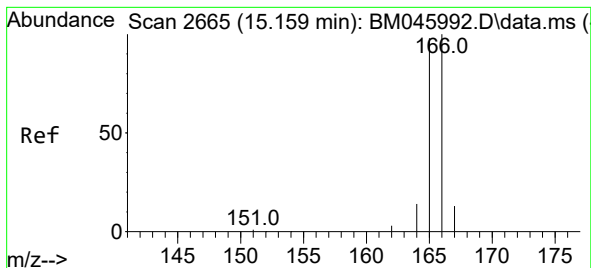
Ion Ratio Lower Upper

153 100

152 48.1 39.0 58.4

154 89.6 69.4 104.2





#12

Fluorene

Concen: 54.883 ng/ul

RT: 15.135 min Scan# 2

Delta R.T. -0.024 min

Lab File: BM045994.D

Acq: 12 Jun 2024 12:02

Instrument :

BNA_M

ClientSampleId :

A4DG2

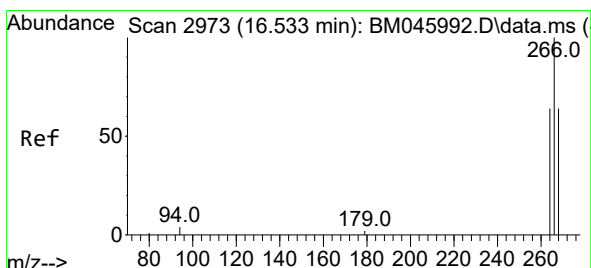
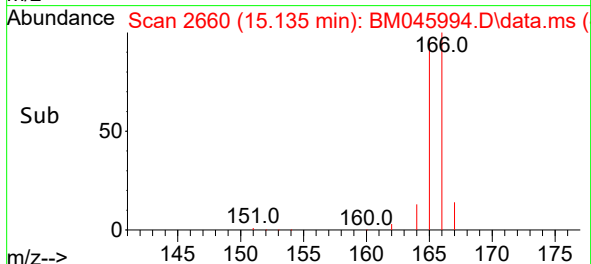
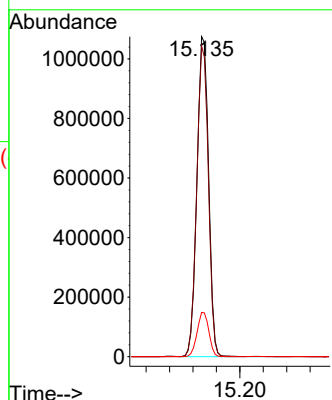
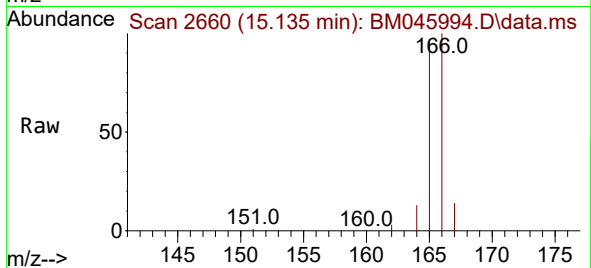
Tgt Ion:166 Resp: 1483736

Ion Ratio Lower Upper

166 100

165 97.0 79.7 119.5

167 13.9 11.3 16.9



#14

Pentachlorophenol

Concen: 6.552 ng/ul

RT: 16.507 min Scan# 2967

Delta R.T. -0.026 min

Lab File: BM045994.D

Acq: 12 Jun 2024 12:02

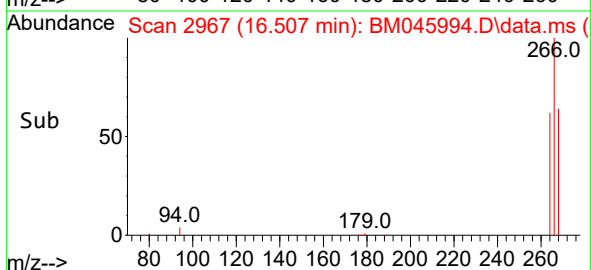
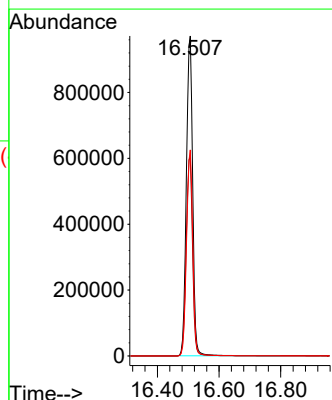
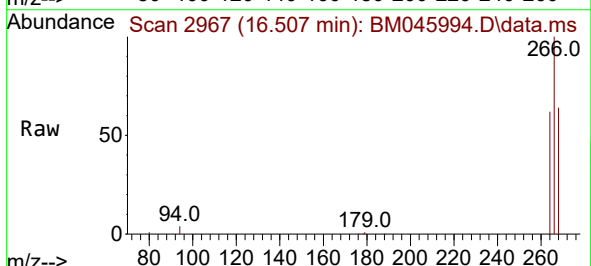
Tgt Ion:266 Resp: 1374405

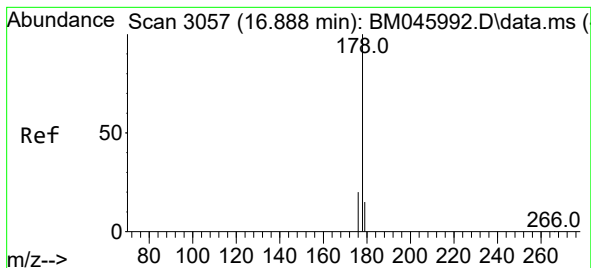
Ion Ratio Lower Upper

266 100

264 62.9 47.9 71.9

268 63.9 50.9 76.3





#15

Phenanthrene

Concen: 1.098 ng/ul

RT: 16.963 min Scan# 3057

Delta R.T. 0.075 min

Lab File: BM045994.D

Acq: 12 Jun 2024 12:02

Instrument :

BNA_M

ClientSampleId :

A4DG2

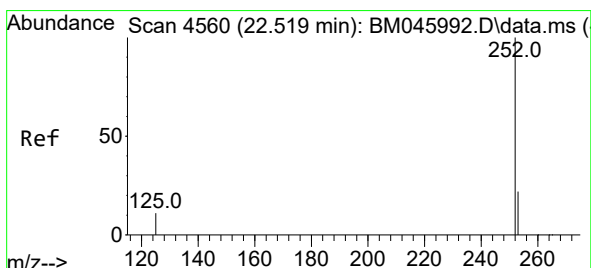
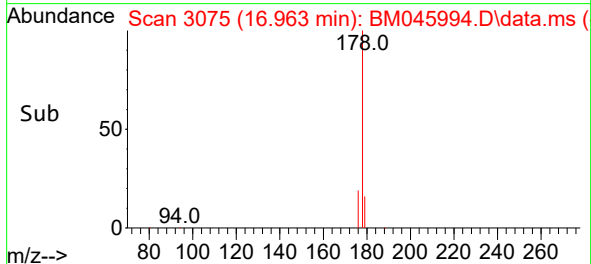
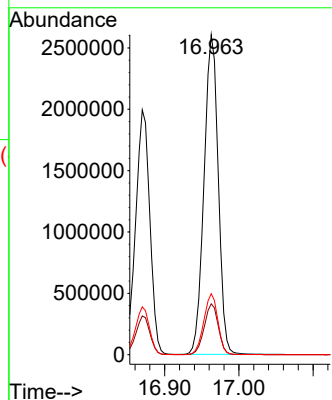
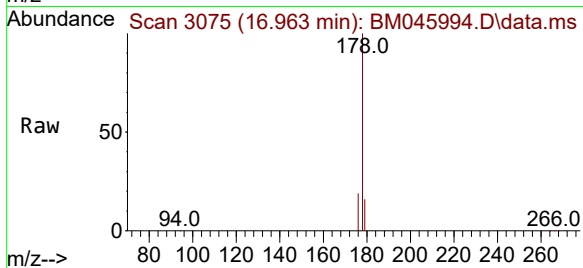
Tgt Ion:178 Resp: 3459721

Ion Ratio Lower Upper

178 100

179 15.9 12.7 19.1

176 19.0 15.6 23.4



#24

Benzo(b)fluoranthene

Concen: 132.186 ng/ul

RT: 22.566 min Scan# 4576

Delta R.T. 0.047 min

Lab File: BM045994.D

Acq: 12 Jun 2024 12:02

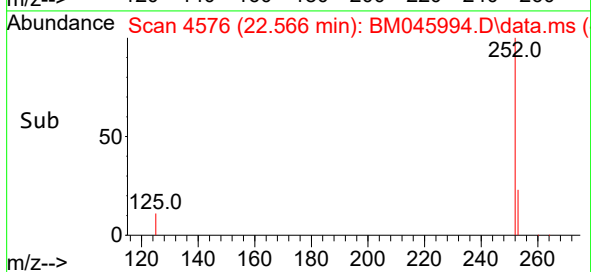
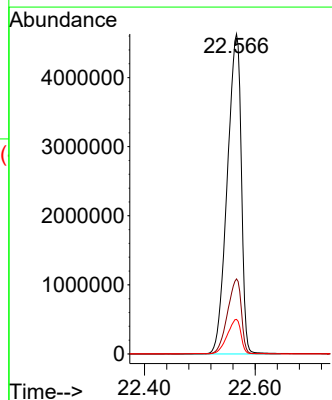
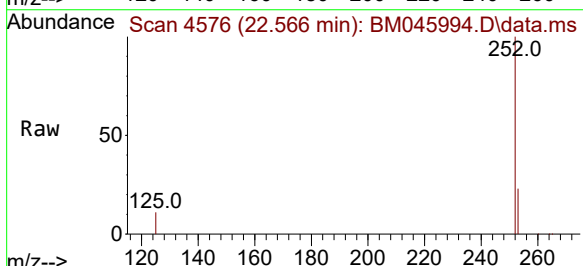
Tgt Ion:252 Resp: 8149589

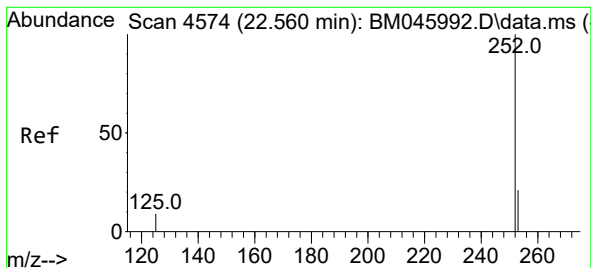
Ion Ratio Lower Upper

252 100

253 23.4 0.0 63.6

125 10.8 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 120.465 ng/ul

RT: 22.566 min Scan# 4

Delta R.T. 0.006 min

Lab File: BM045994.D

Acq: 12 Jun 2024 12:02

Instrument :

BNA_M

ClientSampleId :

A4DG2

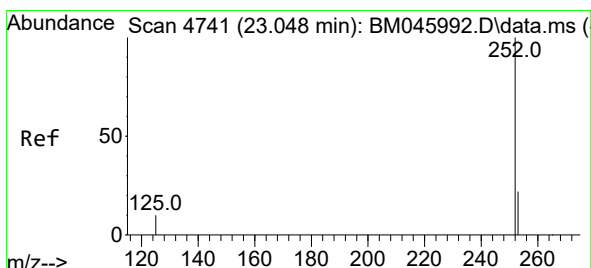
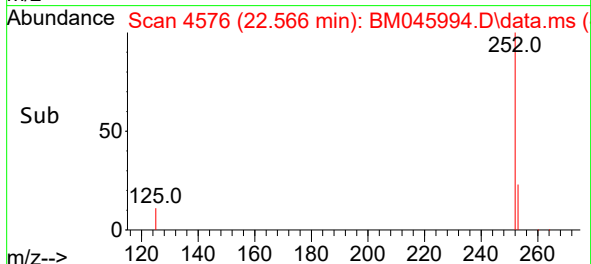
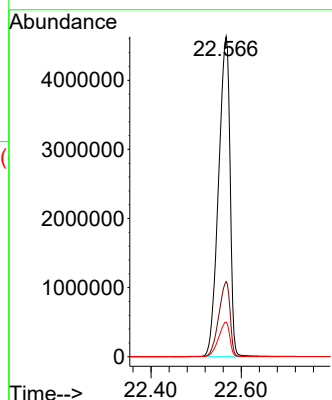
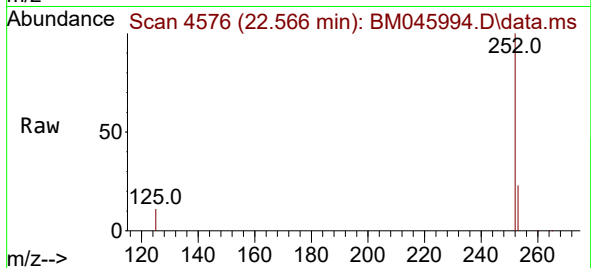
Tgt Ion:252 Resp: 8161685

Ion Ratio Lower Upper

252 100

253 23.4 25.0 37.6#

125 10.8 14.2 21.2#



#26

Benzo(a)pyrene

Concen: 0.024 ng/ul

RT: 23.034 min Scan# 4736

Delta R.T. -0.014 min

Lab File: BM045994.D

Acq: 12 Jun 2024 12:02

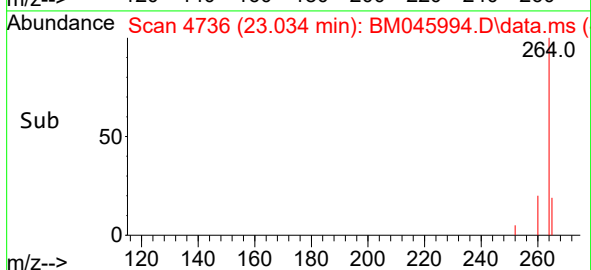
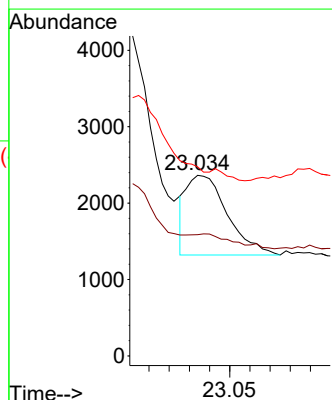
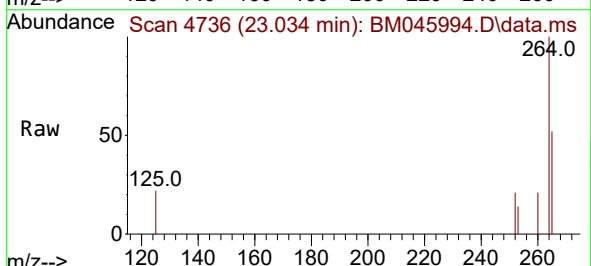
Tgt Ion:252 Resp: 1475

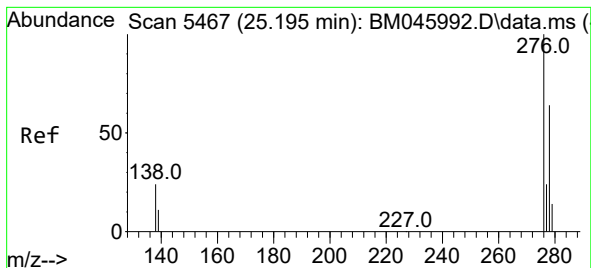
Ion Ratio Lower Upper

252 100

253 67.1 28.8 43.2#

125 104.7 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 14.205 ng/ul

RT: 25.213 min Scan# 54

Delta R.T. 0.017 min

Lab File: BM045994.D

Acq: 12 Jun 2024 12:02

Instrument :

BNA_M

ClientSampleId :

A4DG2

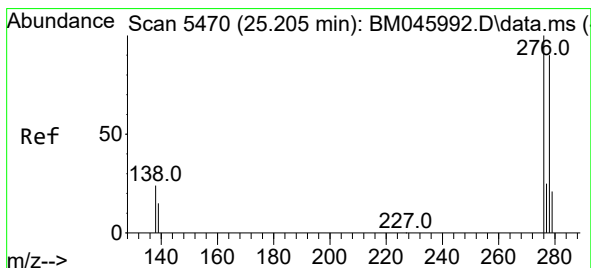
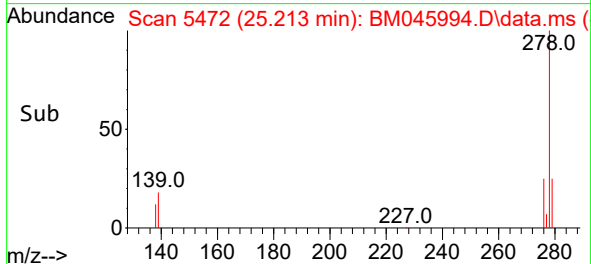
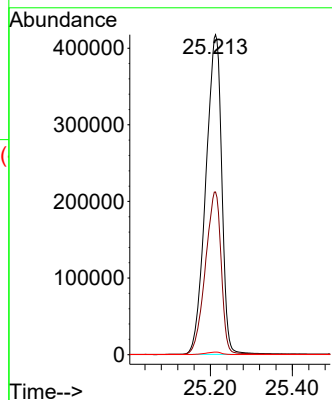
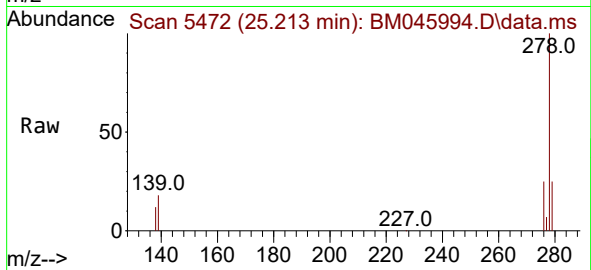
Tgt Ion:276 Resp: 1126228

Ion Ratio Lower Upper

276 100

138 50.3 20.7 31.1#

227 0.7 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 73.647 ng/ul

RT: 25.213 min Scan# 5472

Delta R.T. 0.007 min

Lab File: BM045994.D

Acq: 12 Jun 2024 12:02

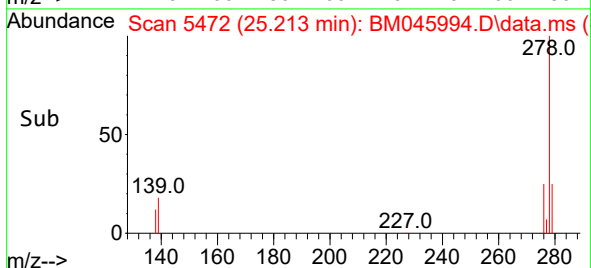
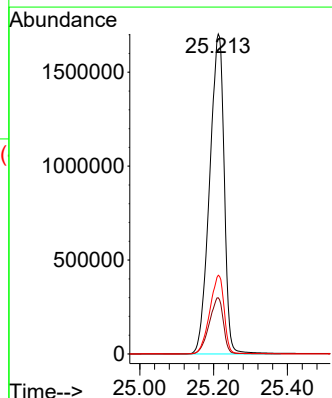
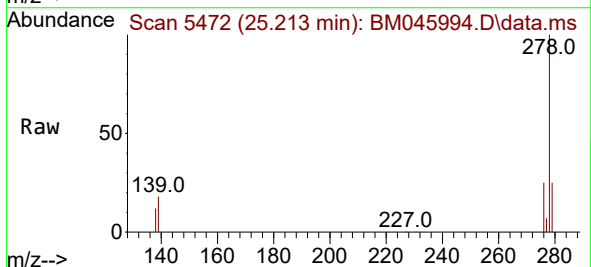
Tgt Ion:278 Resp: 4667637

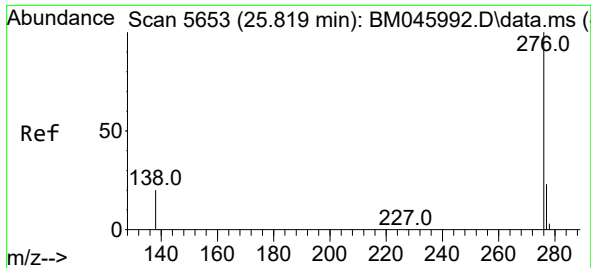
Ion Ratio Lower Upper

278 100

139 17.6 16.6 25.0

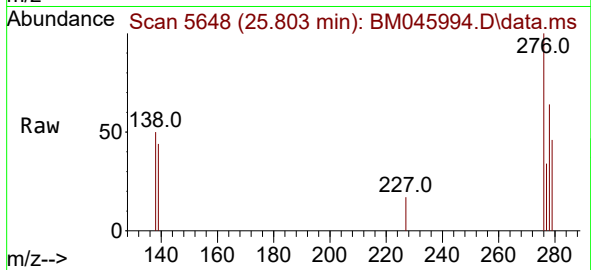
279 24.6 24.6 37.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.047 ng/ul
 RT: 25.803 min Scan# 50
 Delta R.T. -0.016 min
 Lab File: BM045994.D
 Acq: 12 Jun 2024 12:02

Instrument :
 BNA_M
 ClientSampleId :
 A4DG2



Tgt Ion:276 Resp: 3192
 Ion Ratio Lower Upper
 276 100
 138 50.0 21.0 31.4#
 277 34.3 20.5 30.7#

