

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046298.D
 Acq On : 25 Jun 2024 19:07
 Operator : MA/JU
 Sample : P2844-21
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 25 23:28:37 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 25 08:04:59 2024
 Response via : Initial Calibration

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

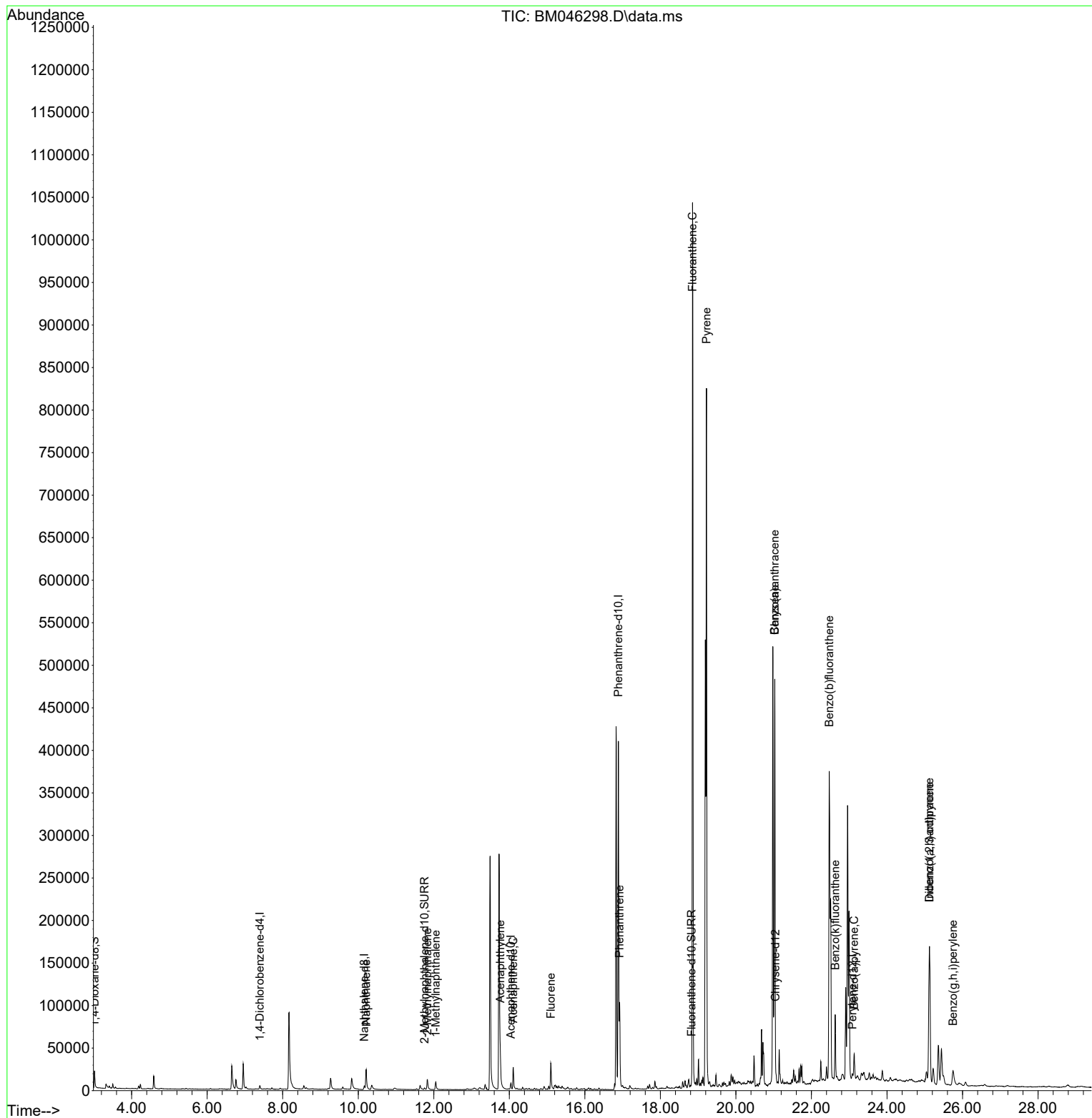
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	2131	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.160	136	6652	0.400	ng/ul	-0.09
9) Acenaphthene-d10	14.043	164	3791	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.887	188	470161	0.400	ng/ul	# 0.03
17) Chrysene-d12	21.047	240	319	0.400	ng/ul	# 0.02
23) Perylene-d12	23.084	264	8057	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	11360	3.886	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.755	152	2913	0.326	ng/ul	-0.12
18) Fluoranthene-d10	18.824	212	6539	6.844	ng/ul	-0.05
Target Compounds						Qvalue
5) Naphthalene	10.209	128	38910	2.098	ng/ul#	93
7) 2-Methylnaphthalene	11.832	142	10877	1.042	ng/ul	97
8) 1-Methylnaphthalene	12.052	142	7616	0.665	ng/ul	99
10) Acenaphthylene	13.761	152	44251	2.461	ng/ul	96
11) Acenaphthene	14.103	153	17099	1.317	ng/ul	99
12) Fluorene	15.098	166	22232	1.596	ng/ul	100
15) Phenanthrene	16.920	178	98010	0.074	ng/ul	97
19) Fluoranthene	18.852	202	867668	628.192	ng/ul	97
20) Pyrene	19.219	202	673896	451.153	ng/ul#	94
21) Benzo(a)anthracene	21.029	228	431433	350.137	ng/ul	97
22) Chrysene	21.029	228	431433	274.362	ng/ul	98
24) Benzo(b)fluoranthene	22.470	252	763214	26.293	ng/ul	82
25) Benzo(k)fluoranthene	22.628	252	82306	2.385	ng/ul	91
26) Benzo(a)pyrene	23.128	252	24653	0.917	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.125	276	223478	5.076	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.125	278	71280	2.175	ng/ul	95
29) Benzo(g,h,i)perylene	25.749	276	35008	0.927	ng/ul	96

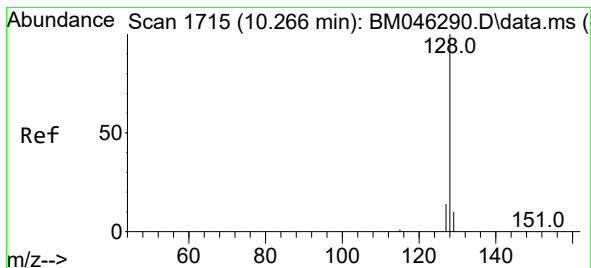
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 2.098 ng/ul

RT: 10.209 min Scan# 1

Delta R.T. -0.095 min

Lab File: BM046298.D

Acq: 25 Jun 2024 19:07

Instrument :

BNA_G

ClientSampleId :

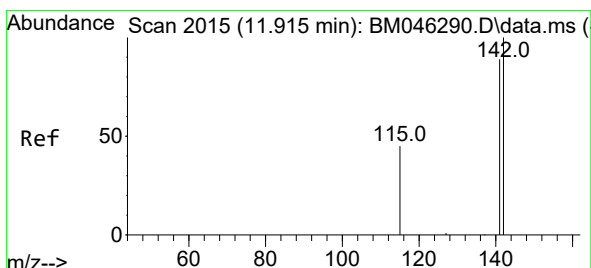
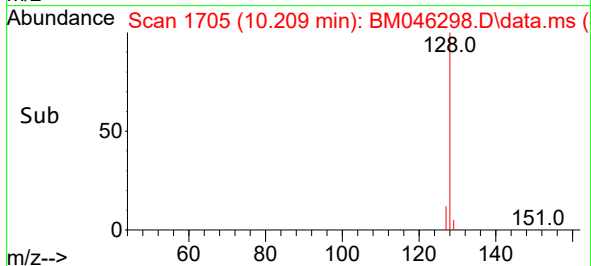
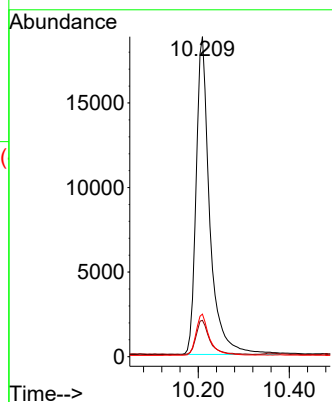
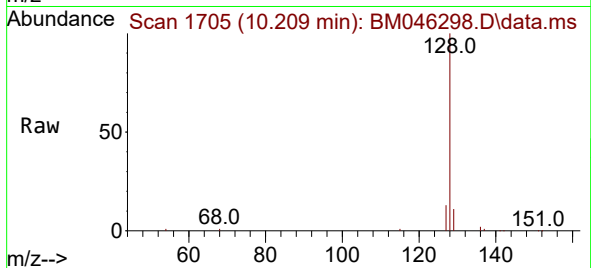
Tgt Ion:128 Resp: 38910

Ion Ratio Lower Upper

128 100

129 11.4 11.8 17.6#

127 13.3 12.8 19.2



#7

2-Methylnaphthalene

Concen: 1.042 ng/ul

RT: 11.832 min Scan# 2000

Delta R.T. -0.122 min

Lab File: BM046298.D

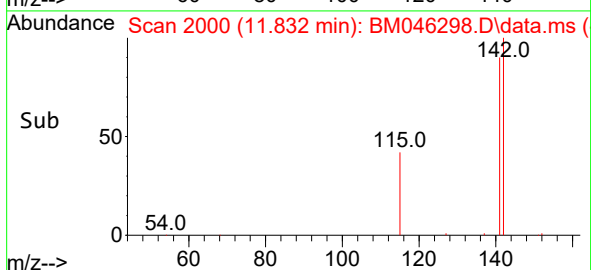
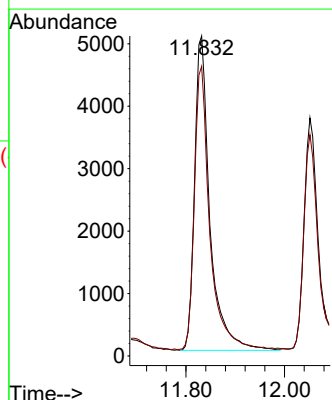
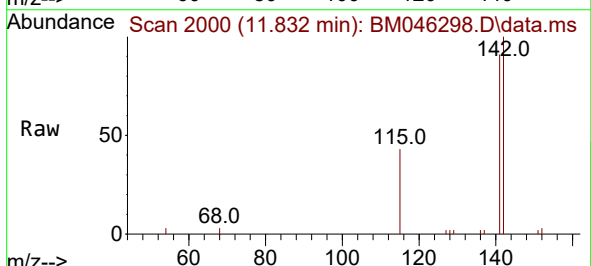
Acq: 25 Jun 2024 19:07

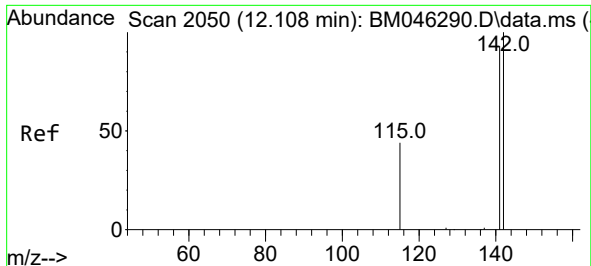
Tgt Ion:142 Resp: 10877

Ion Ratio Lower Upper

142 100

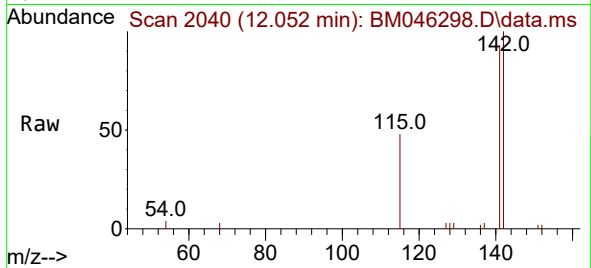
141 90.2 74.6 111.8



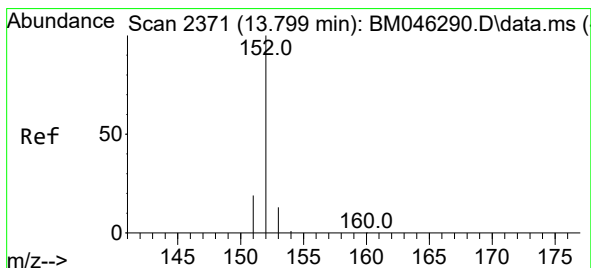
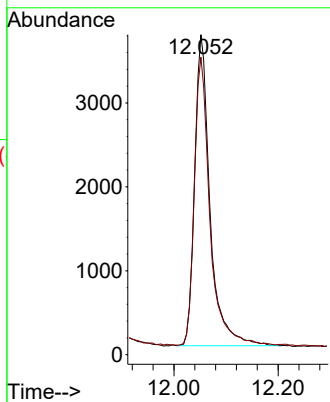
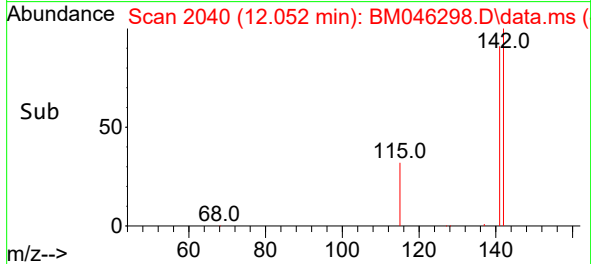


#8
1-Methylnaphthalene
Concen: 0.665 ng/ul
RT: 12.052 min Scan# 2050
Delta R.T. -0.084 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

Instrument :
BNA_G
ClientSampleId :

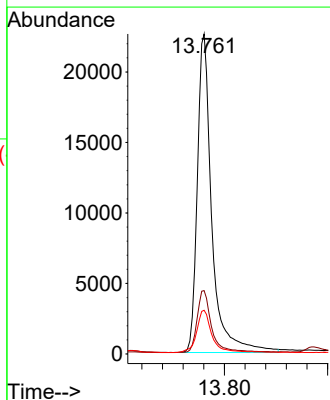
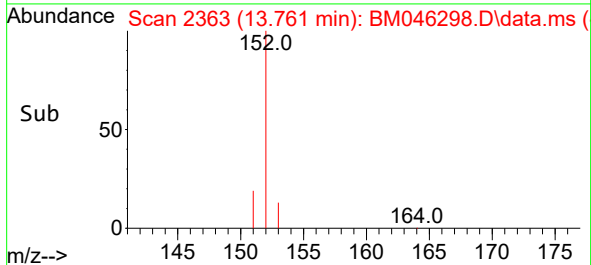
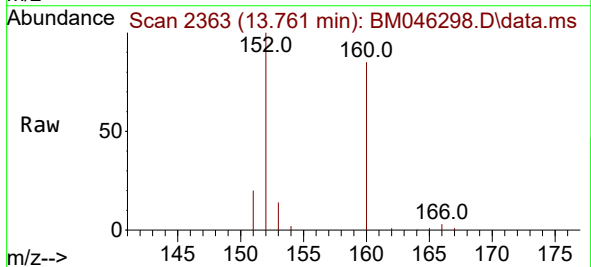


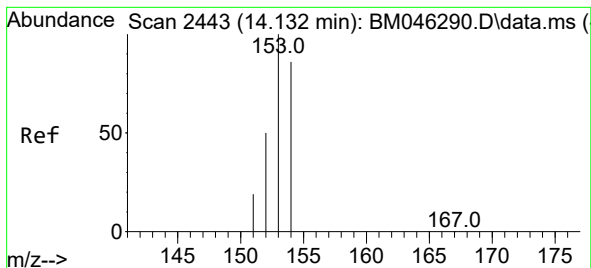
Tgt Ion:142 Resp: 7616
Ion Ratio Lower Upper
142 100
141 93.1 75.2 112.8



#10
Acenaphthylene
Concen: 2.461 ng/ul
RT: 13.761 min Scan# 2363
Delta R.T. -0.057 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

Tgt Ion:152 Resp: 44251
Ion Ratio Lower Upper
152 100
151 19.8 17.4 26.2
153 13.6 11.8 17.8





#11

Acenaphthene

Concen: 1.317 ng/ul

RT: 14.103 min Scan# 2443

Delta R.T. -0.043 min

Lab File: BM046298.D

Acq: 25 Jun 2024 19:07

Instrument :

BNA_G

ClientSampleId :

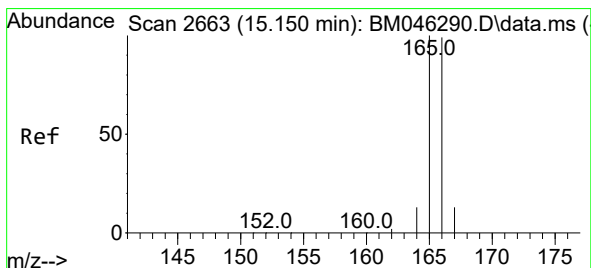
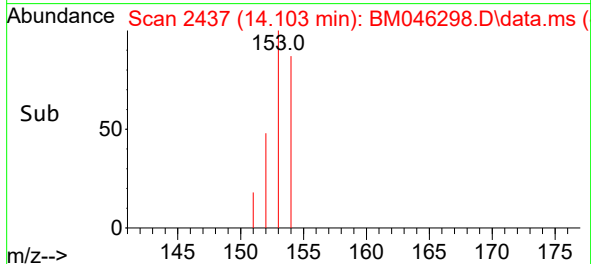
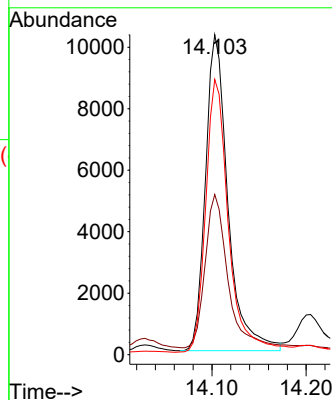
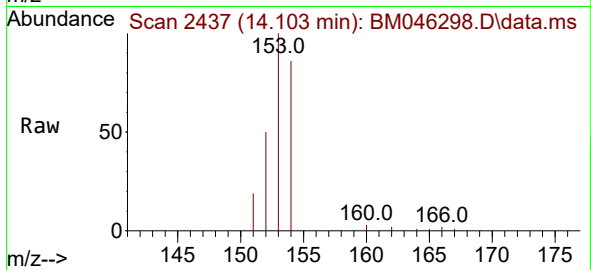
Tgt Ion:153 Resp: 17099

Ion Ratio Lower Upper

153 100

152 50.0 41.3 61.9

154 86.0 68.2 102.4



#12

Fluorene

Concen: 1.596 ng/ul

RT: 15.098 min Scan# 2652

Delta R.T. -0.071 min

Lab File: BM046298.D

Acq: 25 Jun 2024 19:07

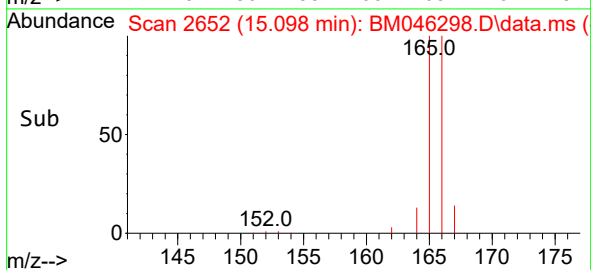
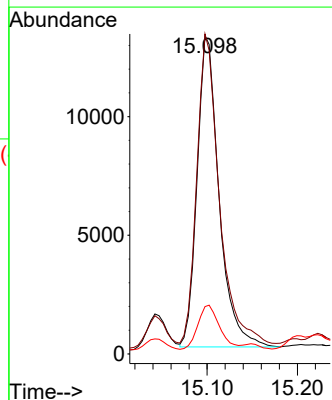
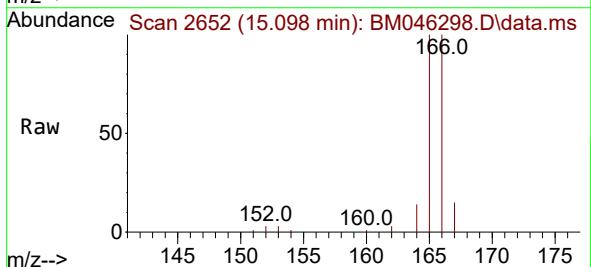
Tgt Ion:166 Resp: 22232

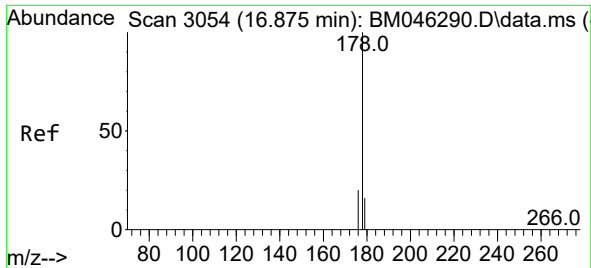
Ion Ratio Lower Upper

166 100

165 100.5 80.4 120.6

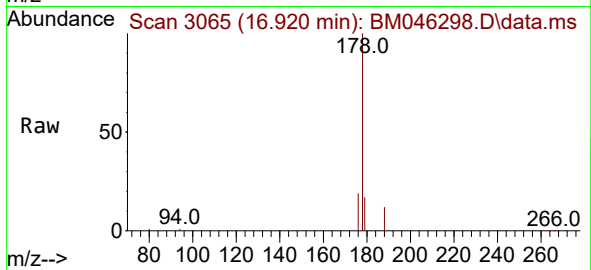
167 14.9 12.4 18.6



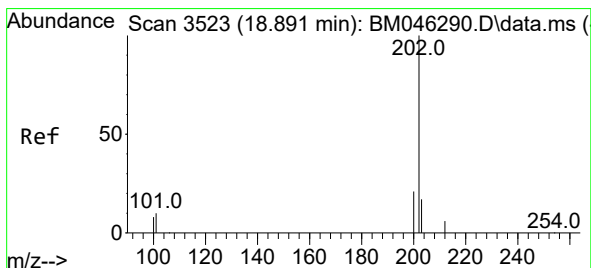
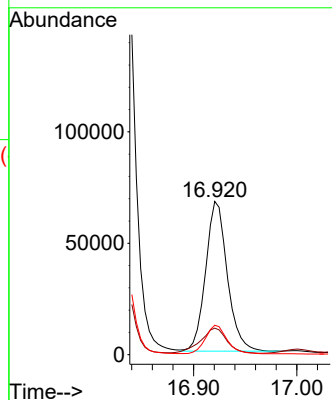


#15
Phenanthrene
Concen: 0.074 ng/ul
RT: 16.920 min Scan# 3054
Delta R.T. 0.032 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

Instrument :
BNA_G
ClientSampleId :

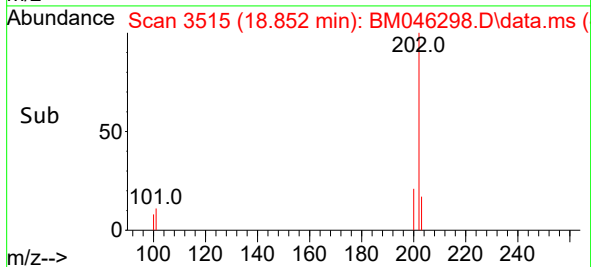
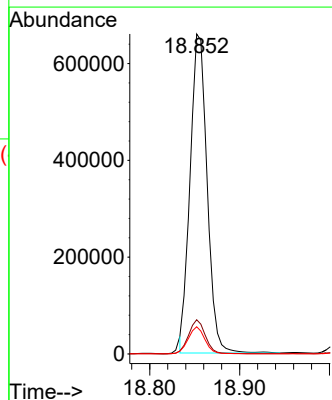
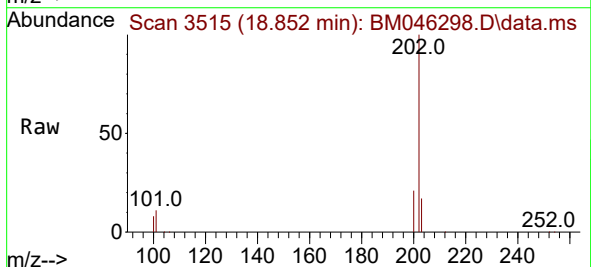


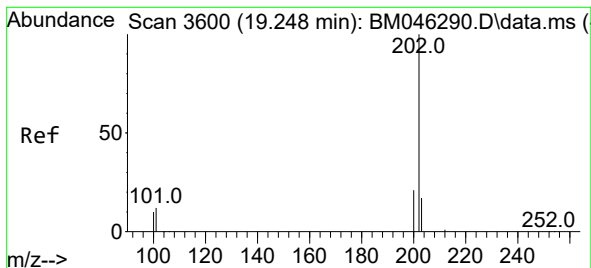
Tgt Ion:178 Resp: 98010
Ion Ratio Lower Upper
178 100
179 17.3 14.2 21.2
176 19.3 17.1 25.7



#19
Fluoranthene
Concen: 628.192 ng/ul
RT: 18.852 min Scan# 3515
Delta R.T. -0.052 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

Tgt Ion:202 Resp: 867668
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
100 8.5 7.6 11.4





#20

Pyrene

Concen: 451.153 ng/ul

RT: 19.219 min Scan# 3

Delta R.T. -0.038 min

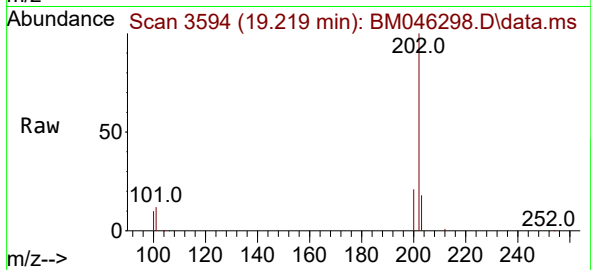
Lab File: BM046298.D

Acq: 25 Jun 2024 19:07

Instrument :

BNA_G

ClientSampleId :



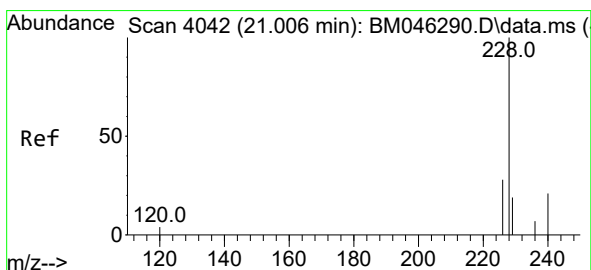
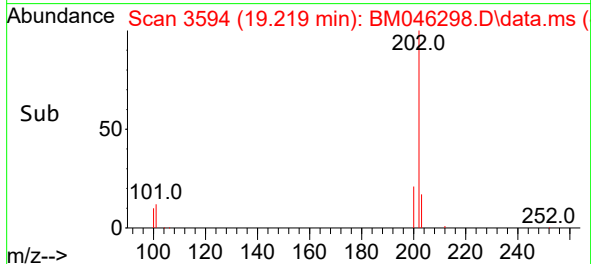
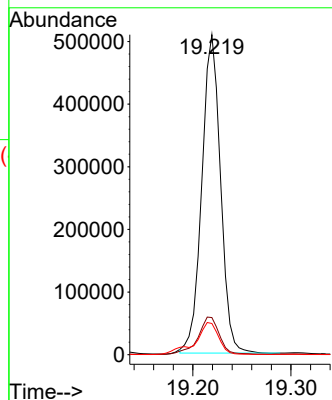
Tgt Ion:202 Resp: 673896

Ion Ratio Lower Upper

202 100

101 11.6 11.3 16.9

100 9.7 9.8 14.6#



#21

Benzo(a)anthracene

Concen: 350.137 ng/ul

RT: 21.029 min Scan# 4050

Delta R.T. 0.018 min

Lab File: BM046298.D

Acq: 25 Jun 2024 19:07

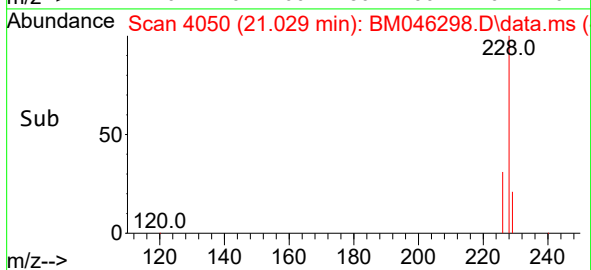
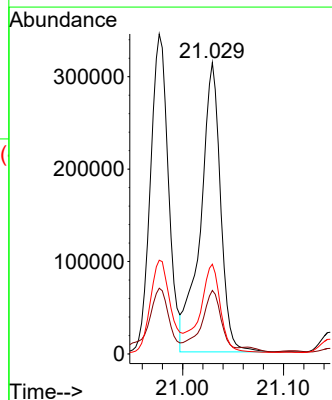
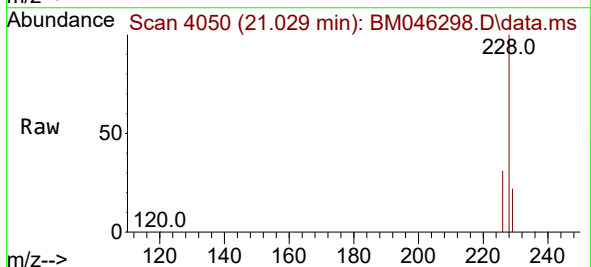
Tgt Ion:228 Resp: 431433

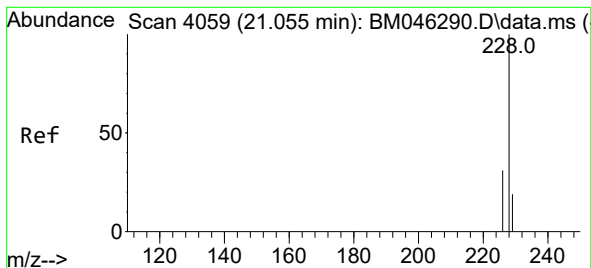
Ion Ratio Lower Upper

228 100

229 21.8 16.4 24.6

226 30.8 23.4 35.2





#22

Chrysene

Concen: 274.362 ng/ul

RT: 21.029 min Scan# 4059

Delta R.T. -0.029 min

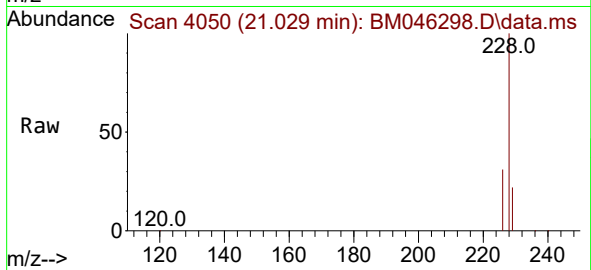
Lab File: BM046298.D

Acq: 25 Jun 2024 19:07

Instrument :

BNA_G

ClientSampleId :



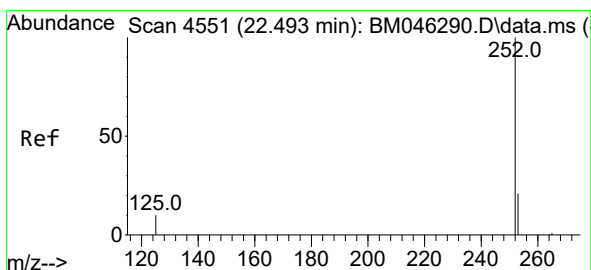
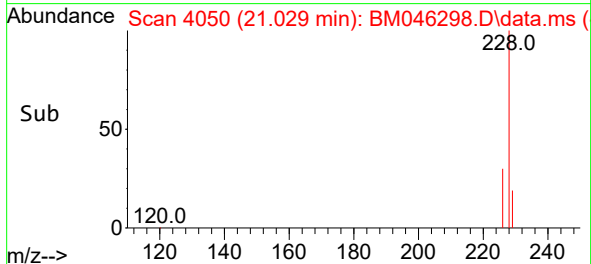
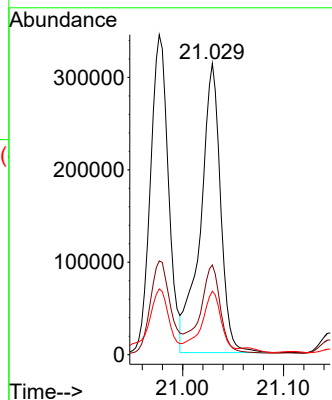
Tgt Ion:228 Resp: 431433

Ion Ratio Lower Upper

228 100

226 30.8 25.2 37.8

229 21.8 16.3 24.5



#24

Benzo(b)fluoranthene

Concen: 26.293 ng/ul

RT: 22.470 min Scan# 4543

Delta R.T. -0.026 min

Lab File: BM046298.D

Acq: 25 Jun 2024 19:07

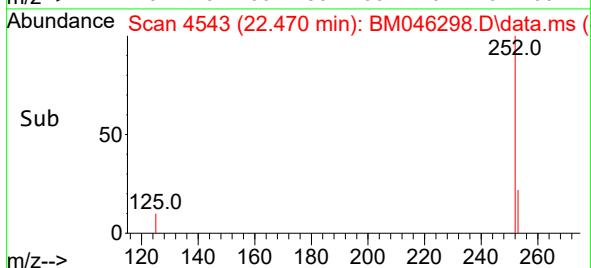
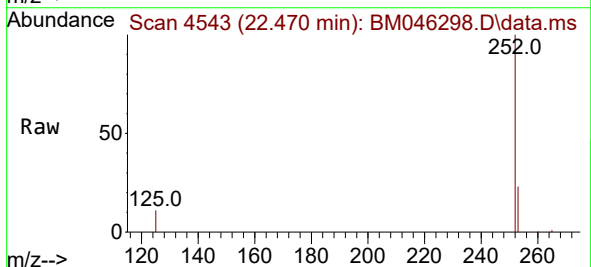
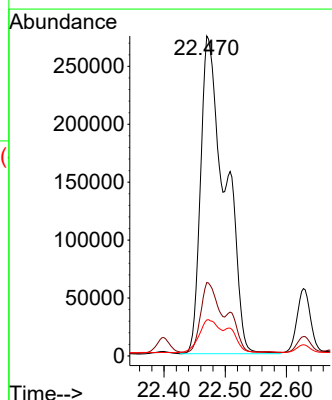
Tgt Ion:252 Resp: 763214

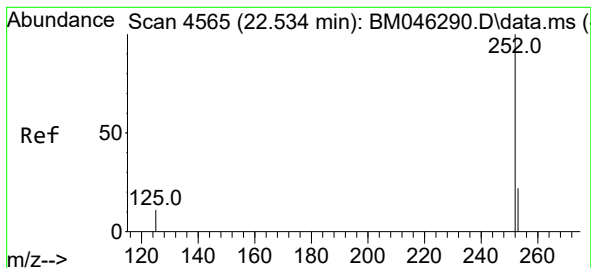
Ion Ratio Lower Upper

252 100

253 23.0 0.0 65.8

125 11.3 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 2.385 ng/ul

RT: 22.628 min Scan# 4

Delta R.T. 0.091 min

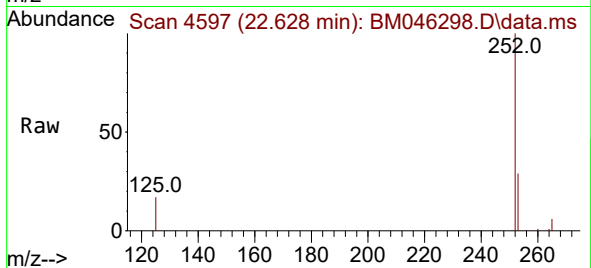
Lab File: BM046298.D

Acq: 25 Jun 2024 19:07

Instrument :

BNA_G

ClientSampleId :



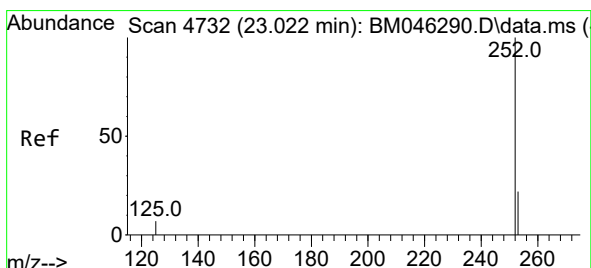
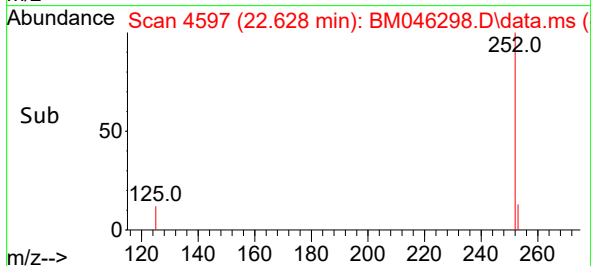
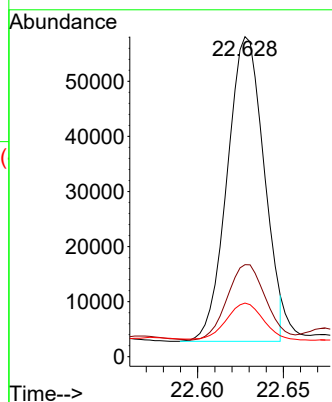
Tgt Ion:252 Resp: 82306

Ion Ratio Lower Upper

252 100

253 28.8 27.2 40.8

125 16.7 16.6 25.0



#26

Benzo(a)pyrene

Concen: 0.917 ng/ul

RT: 23.128 min Scan# 4768

Delta R.T. 0.100 min

Lab File: BM046298.D

Acq: 25 Jun 2024 19:07

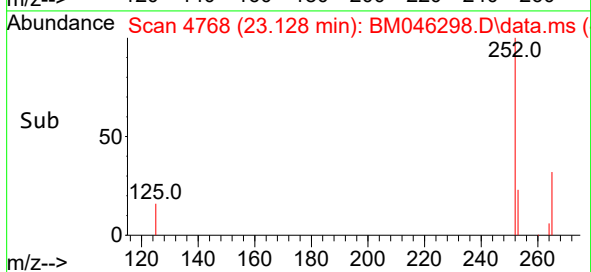
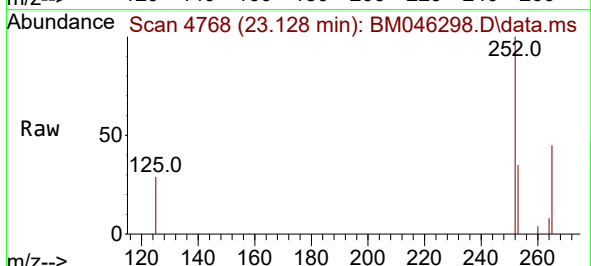
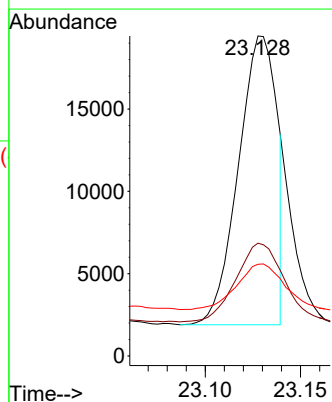
Tgt Ion:252 Resp: 24653

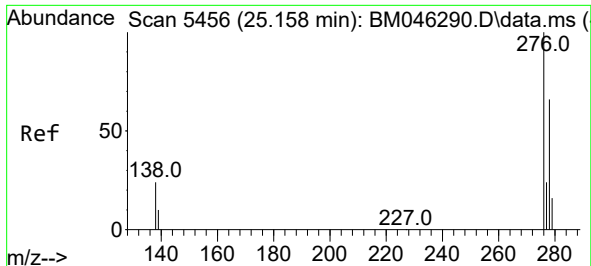
Ion Ratio Lower Upper

252 100

253 35.2 32.1 48.1

125 28.6 21.2 31.8

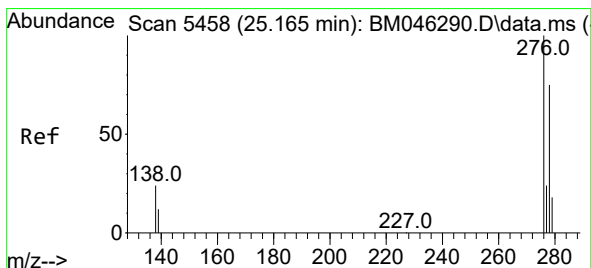
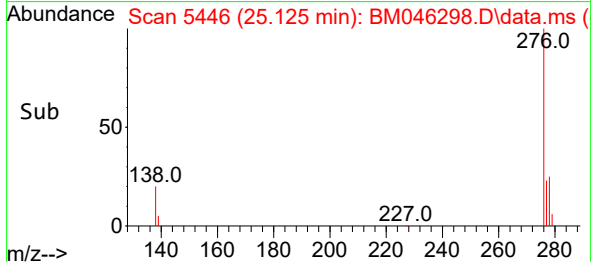
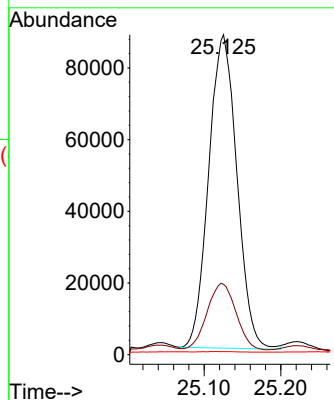
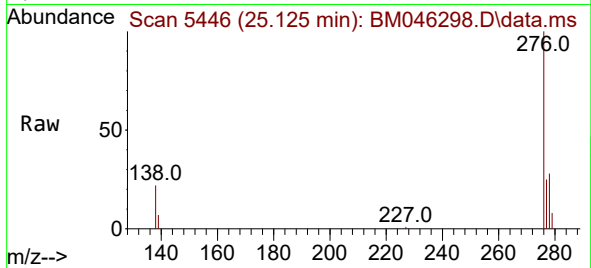




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.076 ng/ul
 RT: 25.125 min Scan# 5446
 Delta R.T. -0.043 min
 Lab File: BM046298.D
 Acq: 25 Jun 2024 19:07

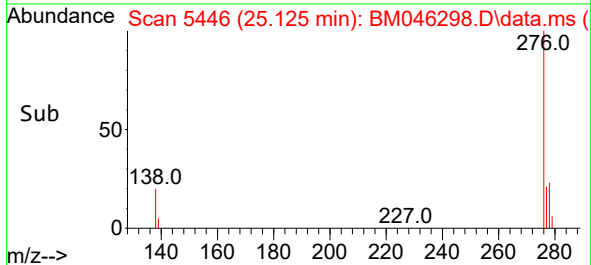
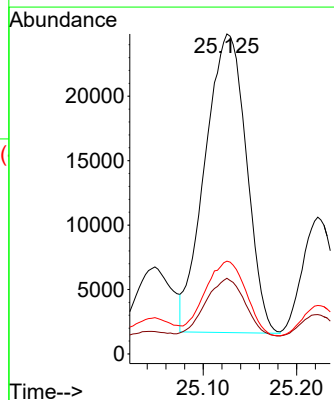
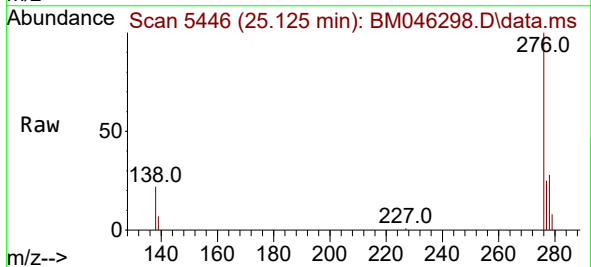
Instrument :
 BNA_G
 ClientSampleId :

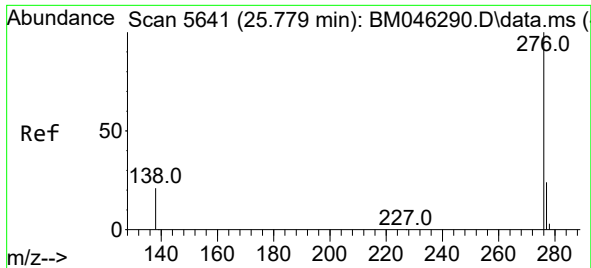
Tgt Ion:276 Resp: 223478
 Ion Ratio Lower Upper
 276 100
 138 24.7 21.0 31.4
 227 6.6 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 2.175 ng/ul
 RT: 25.125 min Scan# 5446
 Delta R.T. -0.057 min
 Lab File: BM046298.D
 Acq: 25 Jun 2024 19:07

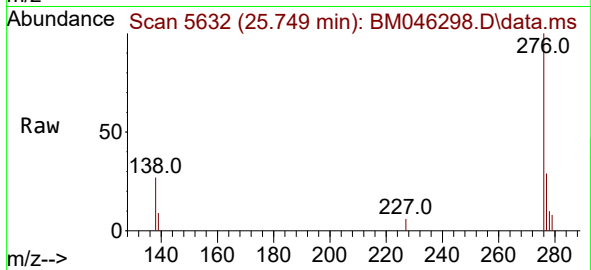
Tgt Ion:278 Resp: 71280
 Ion Ratio Lower Upper
 278 100
 139 23.6 17.6 26.4
 279 29.0 26.3 39.5





#29
Benzo(g,h,i)perylene
Concen: 0.927 ng/ul
RT: 25.749 min Scan# 50
Delta R.T. -0.036 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:276 Resp: 35008
Ion Ratio Lower Upper
276 100
138 27.0 21.7 32.5
277 29.3 20.4 30.6

