

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045959.D
 Acq On : 10 Jun 2024 20:11
 Operator : MA/JU
 Sample : P2642-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

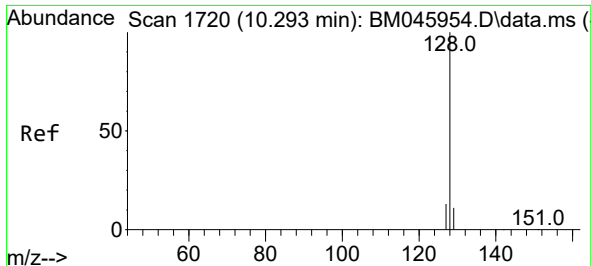
Instrument :
 BNA_M
 ClientSampleId :
 A4B39

Quant Time: Jun 10 22:48:46 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	4680	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.227	136	15181	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.104	164	7468	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.943	188	660323	0.400	ng/ul	0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.05
23) Perylene-d12	23.148	264	16652	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	19804	3.715	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.844	152	4564	0.209	ng/ul	0.00
18) Fluoranthene-d10	18.877	212	7641	0.000	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	1168	0.029	ng/ul#	77
10) Acenaphthylene	13.822	152	2186	0.064	ng/ul#	88
11) Acenaphthene	14.169	153	1594	0.064	ng/ul	97
12) Fluorene	15.154	166	1742	0.062	ng/ul#	97
24) Benzo(b)fluoranthene	22.525	252	42668	0.773	ng/ul	97
25) Benzo(k)fluoranthene	22.525	252	42668	0.703	ng/ul	98
26) Benzo(a)pyrene	23.051	252	21987	0.400	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.205	276	16083	0.226	ng/ul	91
28) Dibenzo(a,h)anthracene	25.209	278	3752	0.066	ng/ul#	61
29) Benzo(g,h,i)perylene	25.836	276	17372	0.284	ng/ul	100

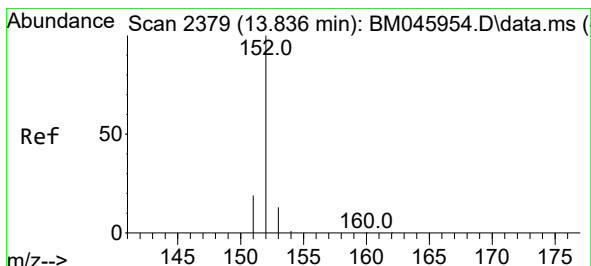
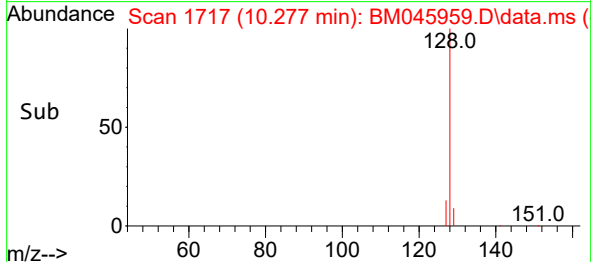
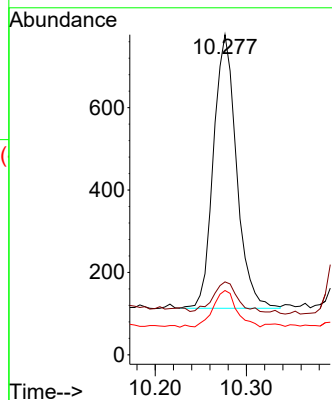
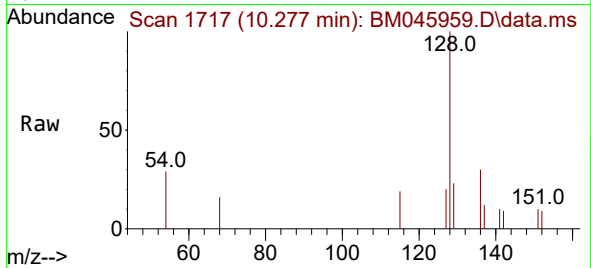
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.277 min Scan# 11
Delta R.T. -0.026 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

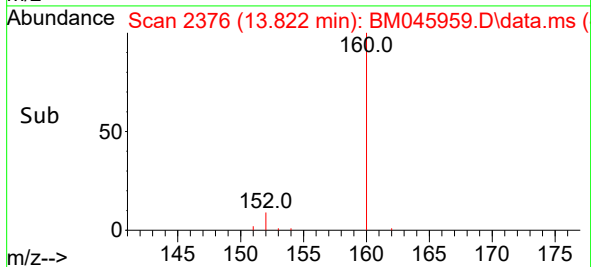
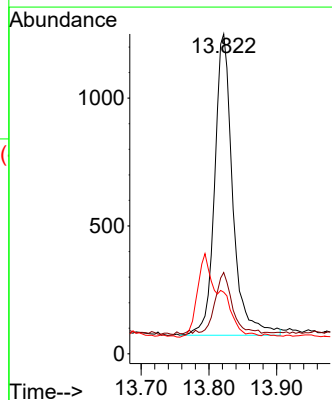
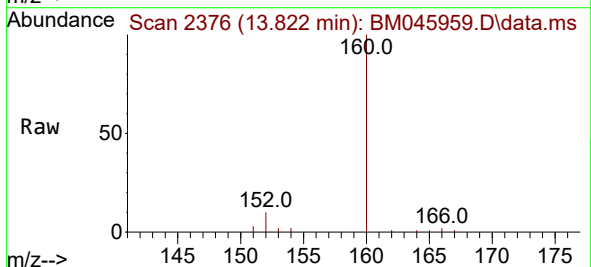
Instrument :
BNA_M
ClientSampleId :
A4B39

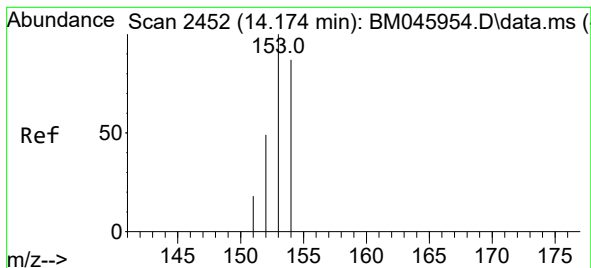
Tgt Ion:128 Resp: 1168
Ion Ratio Lower Upper
128 100
129 22.8 9.4 14.0#
127 20.1 10.6 15.8#



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 13.822 min Scan# 2376
Delta R.T. -0.017 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

Tgt Ion:152 Resp: 2186
Ion Ratio Lower Upper
152 100
151 25.4 16.4 24.6#
153 19.3 11.1 16.7#





#11

Acenaphthene

Concen: 0.064 ng/ul

RT: 14.169 min Scan# 2451

Delta R.T. -0.013 min

Lab File: BM045959.D

Acq: 10 Jun 2024 20:11

Instrument :

BNA_M

ClientSampleId :

A4B39

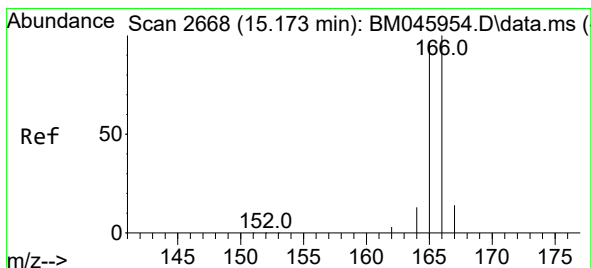
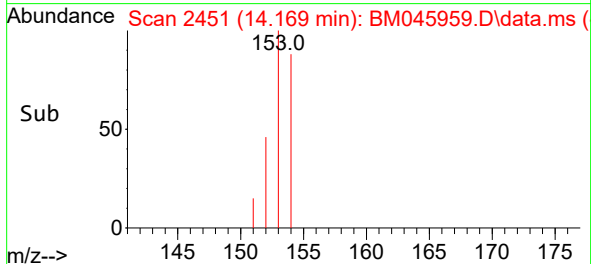
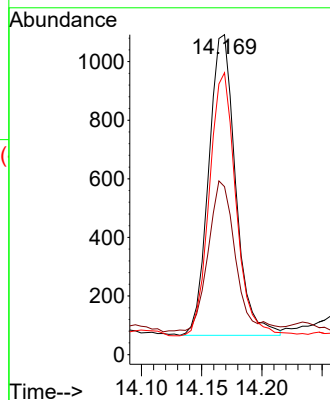
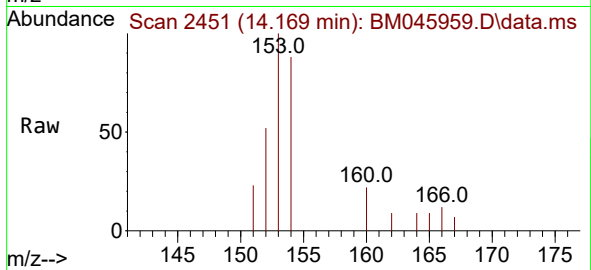
Tgt Ion:153 Resp: 1594

Ion Ratio Lower Upper

153 100

152 52.5 39.0 58.4

154 88.1 69.4 104.2



#12

Fluorene

Concen: 0.062 ng/ul

RT: 15.154 min Scan# 2664

Delta R.T. -0.022 min

Lab File: BM045959.D

Acq: 10 Jun 2024 20:11

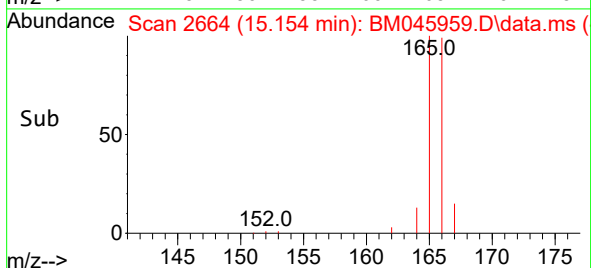
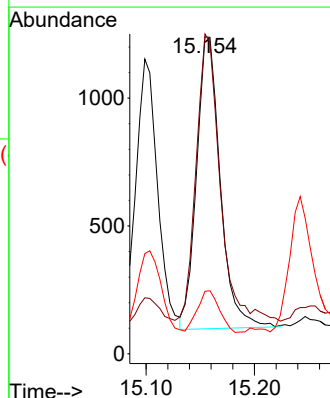
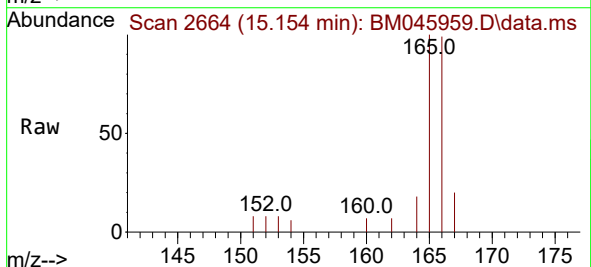
Tgt Ion:166 Resp: 1742

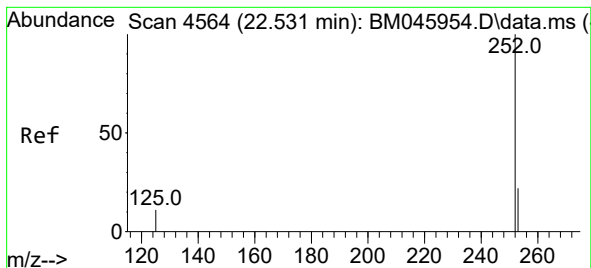
Ion Ratio Lower Upper

166 100

165 100.9 79.7 119.5

167 19.8 11.3 16.9#





#24

Benzo(b)fluoranthene

Concen: 0.773 ng/ul

RT: 22.525 min Scan# 4

Delta R.T. -0.012 min

Lab File: BM045959.D

Acq: 10 Jun 2024 20:11

Instrument :

BNA_M

ClientSampleId :

A4B39

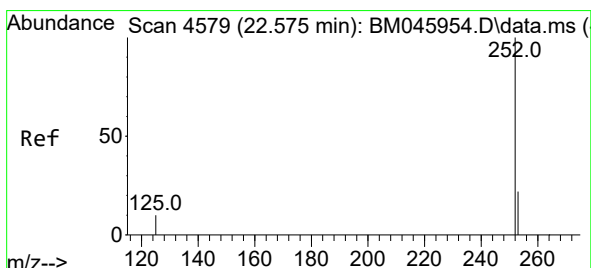
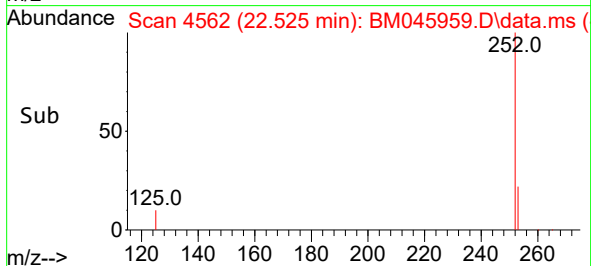
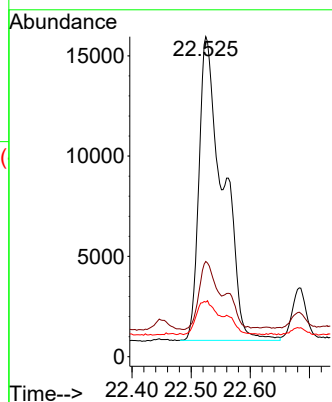
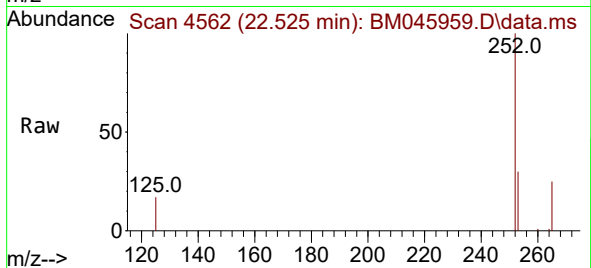
Tgt Ion:252 Resp: 42668

Ion Ratio Lower Upper

252 100

253 29.8 0.0 63.6

125 17.0 0.0 35.8



#25

Benzo(k)fluoranthene

Concen: 0.703 ng/ul

RT: 22.525 min Scan# 4562

Delta R.T. -0.056 min

Lab File: BM045959.D

Acq: 10 Jun 2024 20:11

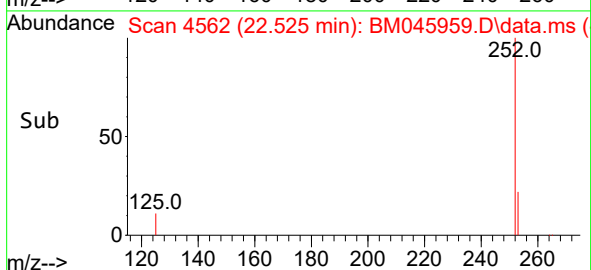
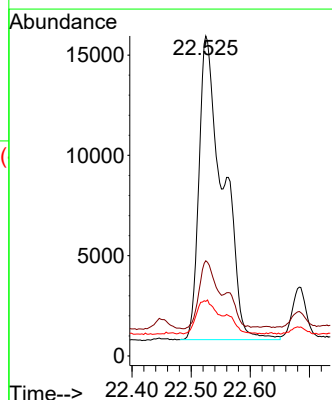
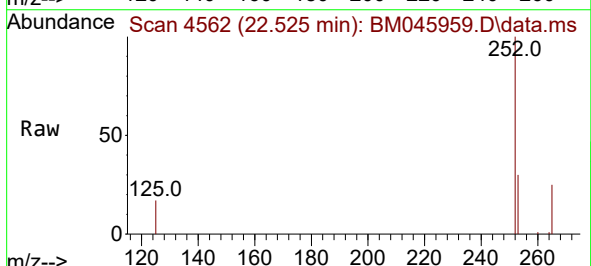
Tgt Ion:252 Resp: 42668

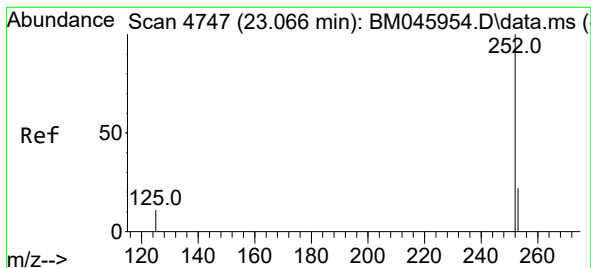
Ion Ratio Lower Upper

252 100

253 29.8 25.0 37.6

125 17.0 14.2 21.2





#26

Benzo(a)pyrene

Concen: 0.400 ng/ul

RT: 23.051 min Scan# 41

Delta R.T. -0.021 min

Lab File: BM045959.D

Acq: 10 Jun 2024 20:11

Instrument :

BNA_M

ClientSampleId :

A4B39

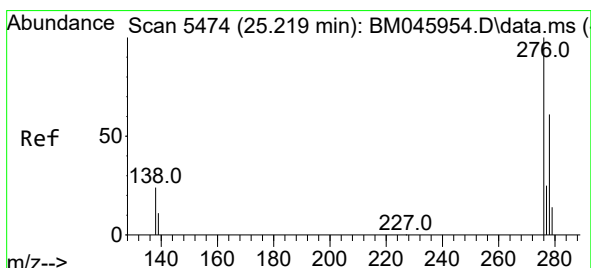
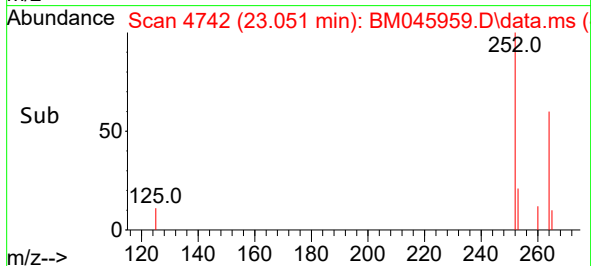
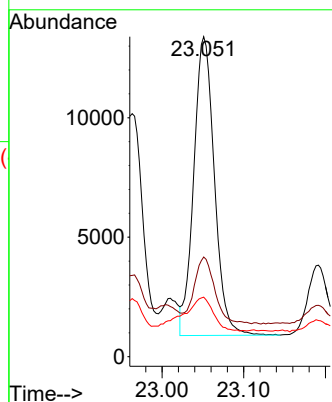
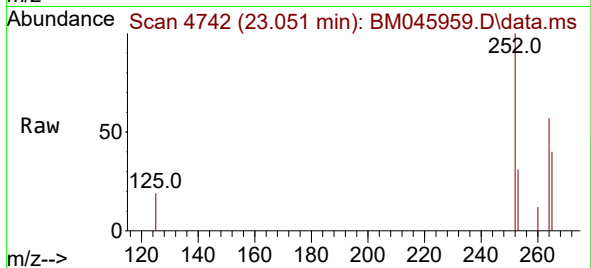
Tgt Ion:252 Resp: 21987

Ion Ratio Lower Upper

252 100

253 31.2 28.8 43.2

125 18.6 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.226 ng/ul

RT: 25.205 min Scan# 5470

Delta R.T. -0.027 min

Lab File: BM045959.D

Acq: 10 Jun 2024 20:11

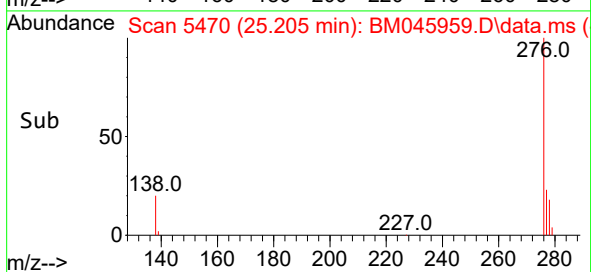
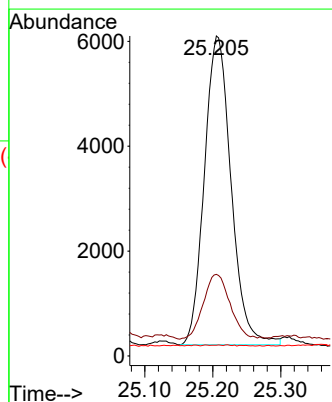
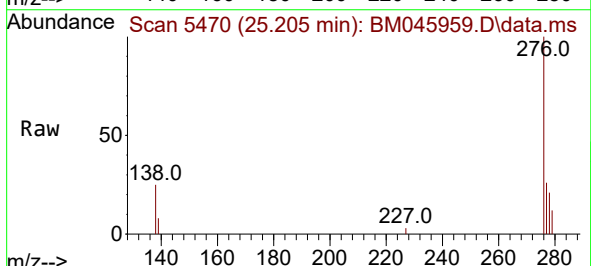
Tgt Ion:276 Resp: 16083

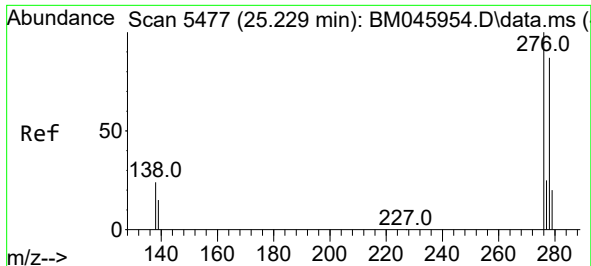
Ion Ratio Lower Upper

276 100

138 21.4 20.7 31.1

227 0.2 0.2 0.2

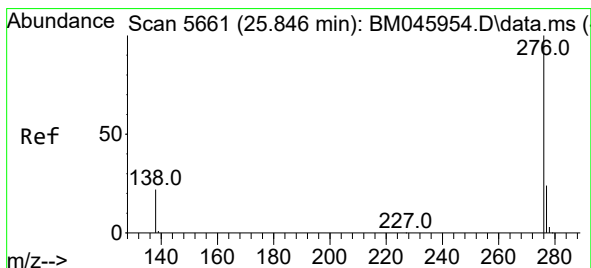
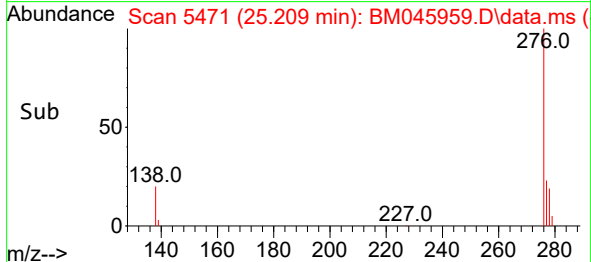
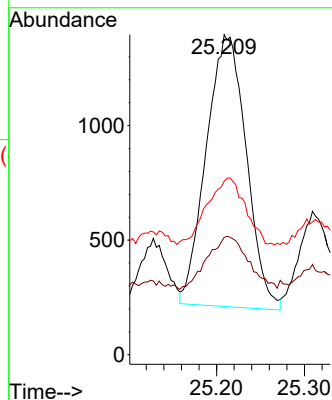
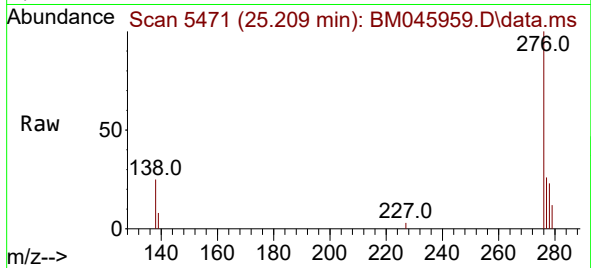




#28
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 25.209 min Scan# 5477
Delta R.T. -0.040 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

Instrument :
BNA_M
ClientSampleId :
A4B39

Tgt Ion:278 Resp: 3752
Ion Ratio Lower Upper
278 100
139 36.6 16.6 25.0#
279 54.2 24.6 37.0#



#29
Benzo(g,h,i)perylene
Concen: 0.284 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.027 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

Tgt Ion:276 Resp: 17372
Ion Ratio Lower Upper
276 100
138 26.0 21.0 31.4
277 25.5 20.5 30.7

