

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046604.D
 Acq On : 15 Jul 2024 20:05
 Operator : MA/JU
 Sample : P3088-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CY5

Quant Time: Jul 16 00:25:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

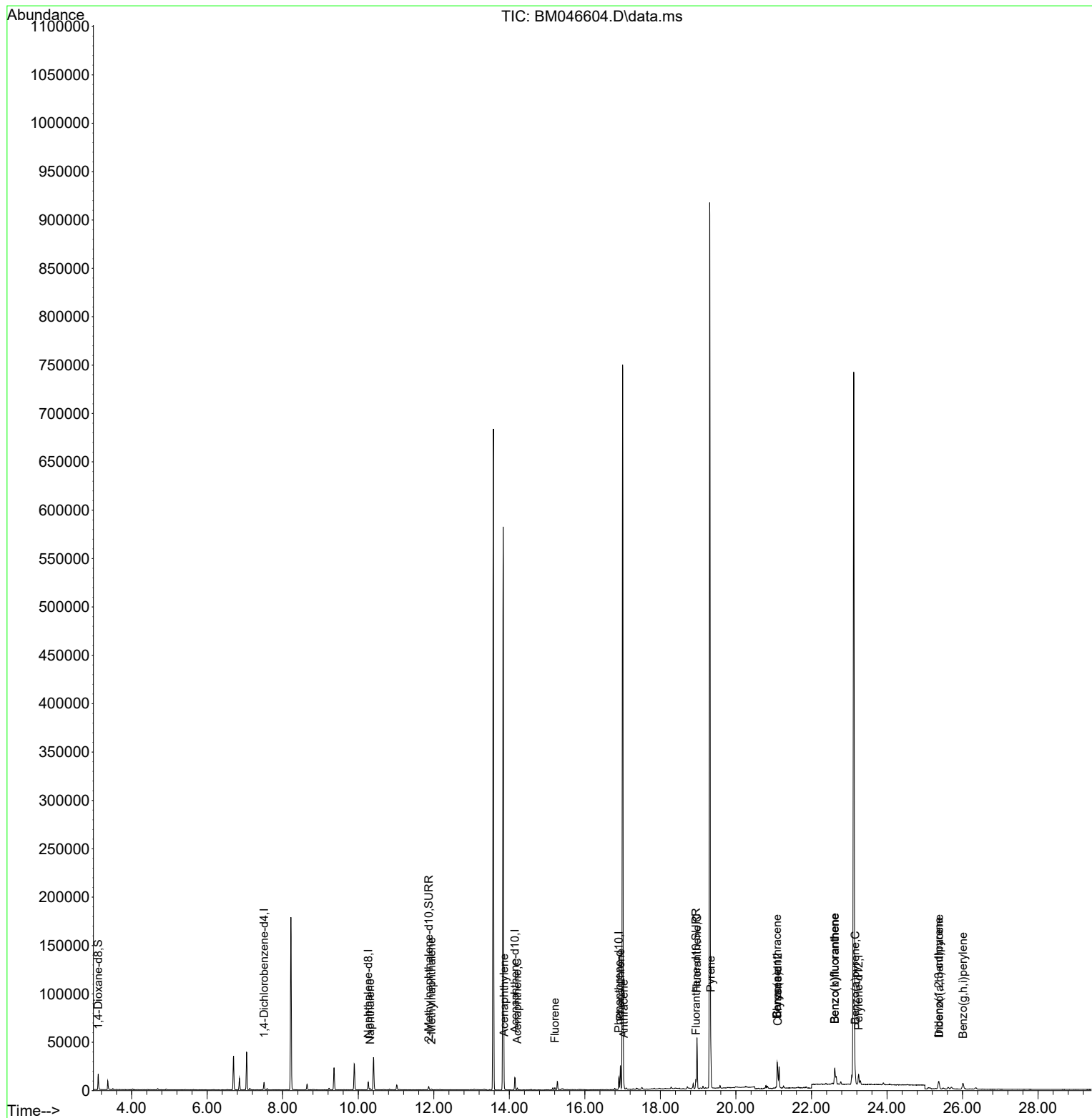
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	3784	0.400	ng/ul	0.00
4) Naphthalene-d8	10.265	136	10425	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.146	164	7076	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.900	188	15974	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	12742	0.400	ng/ul	0.00
23) Perylene-d12	23.247	264	13600	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	9350	3.007	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	4330	0.258	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	11088	0.286	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.315	128	1711	0.065	ng/ul#	94
7) 2-Methylnaphthalene	11.937	142	567	0.030	ng/ul	95
10) Acenaphthylene	13.864	152	1803	0.056	ng/ul#	90
11) Acenaphthene	14.210	153	1056	0.049	ng/ul	99
12) Fluorene	15.205	166	1341	0.050	ng/ul#	91
15) Phenanthrene	16.943	178	24699	0.542	ng/ul	99
16) Anthracene	17.031	178	5041	0.113	ng/ul#	94
19) Fluoranthene	18.969	202	46025	0.879	ng/ul	100
20) Pyrene	19.332	202	41288	0.729	ng/ul	98
21) Benzo(a)anthracene	21.090	228	19632	0.348	ng/ul	93
22) Chrysene	21.090	228	19399	0.356	ng/ul	96
24) Benzo(b)fluoranthene	22.615	252	34714	0.639	ng/ul	95
25) Benzo(k)fluoranthene	22.615	252	34714	0.651	ng/ul#	95
26) Benzo(a)pyrene	23.156	252	16537	0.370	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.366	276	12695	0.187	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.380	278	3310	0.061	ng/ul#	48
29) Benzo(g,h,i)perylene	26.010	276	12287	0.226	ng/ul#	96

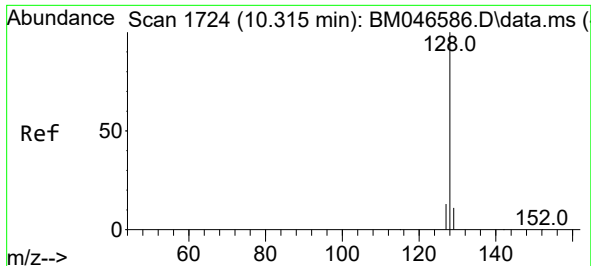
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 00:25:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

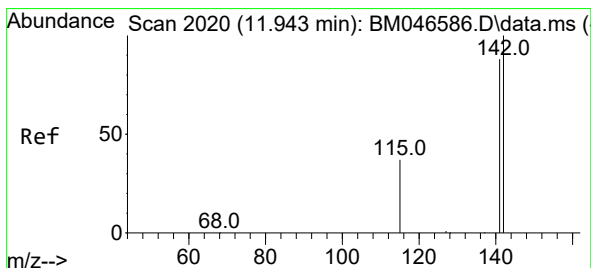
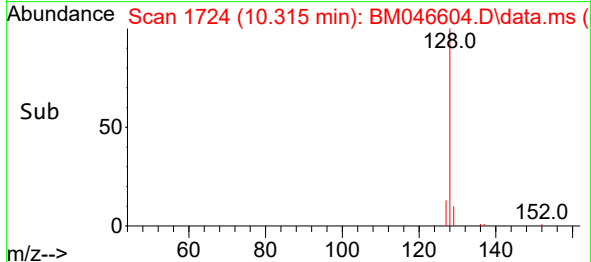
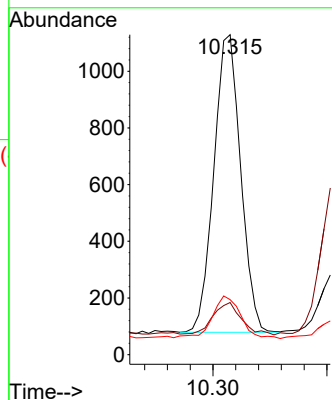
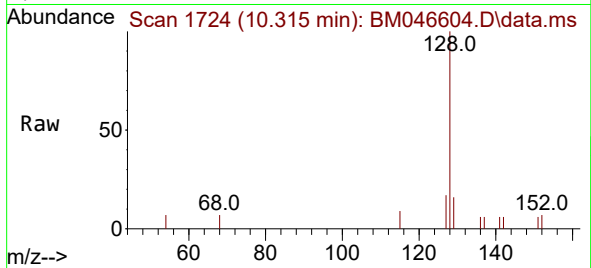




#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.315 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

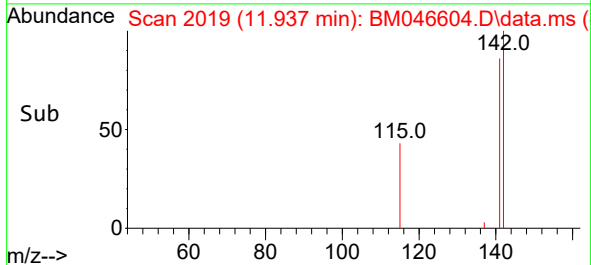
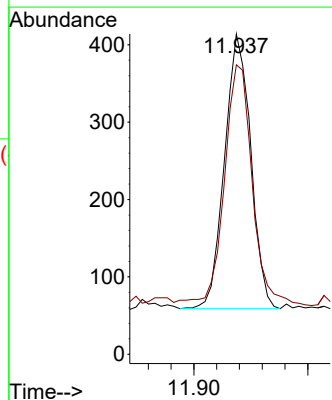
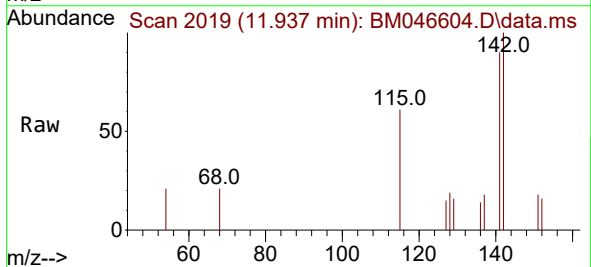
Instrument :
BNA_M
ClientSampleId :
A4CY5

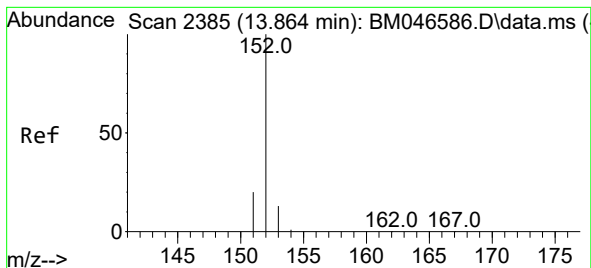
Tgt Ion:128 Resp: 1711
Ion Ratio Lower Upper
128 100
129 16.3 10.3 15.5#
127 17.2 12.2 18.4



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

Tgt Ion:142 Resp: 567
Ion Ratio Lower Upper
142 100
141 92.9 70.3 105.5





#10

Acenaphthylene

Concen: 0.056 ng/ul

RT: 13.864 min Scan# 21

Delta R.T. -0.001 min

Lab File: BM046604.D

Acq: 15 Jul 2024 20:05

Instrument :

BNA_M

ClientSampleId :

A4CY5

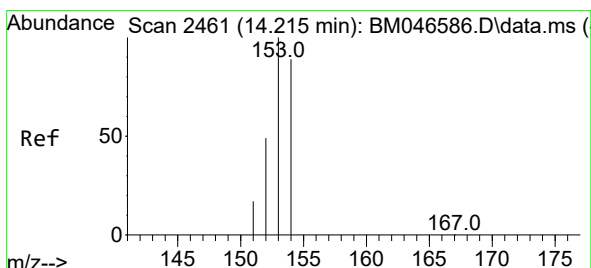
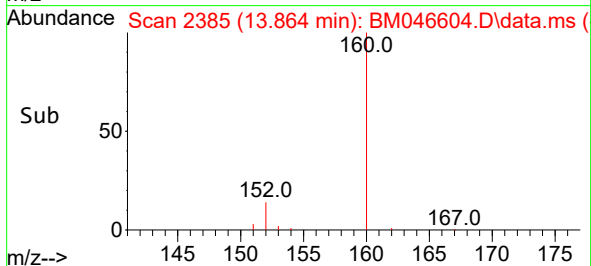
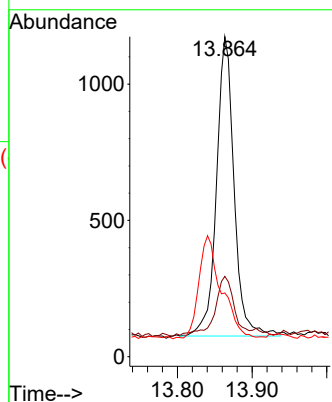
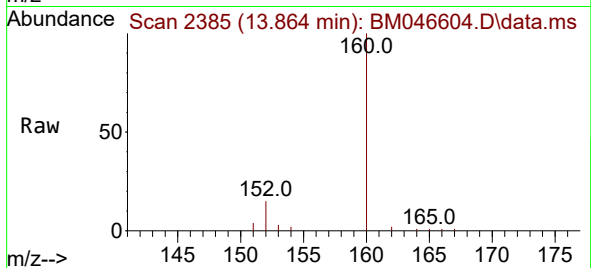
Tgt Ion:152 Resp: 1803

Ion Ratio Lower Upper

152 100

151 25.1 16.4 24.6#

153 19.9 12.4 18.6#



#11

Acenaphthene

Concen: 0.049 ng/ul

RT: 14.210 min Scan# 2460

Delta R.T. -0.001 min

Lab File: BM046604.D

Acq: 15 Jul 2024 20:05

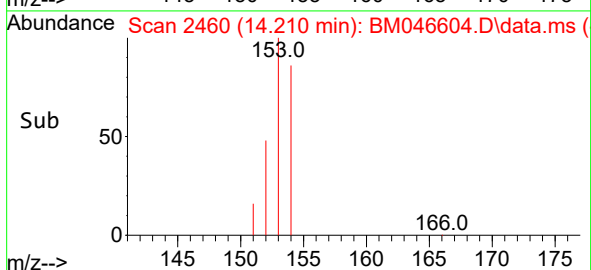
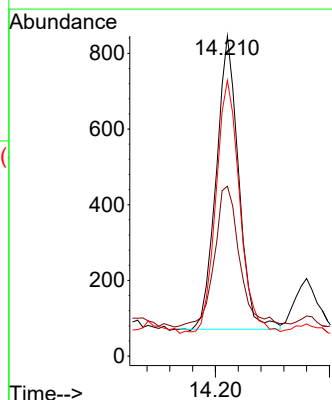
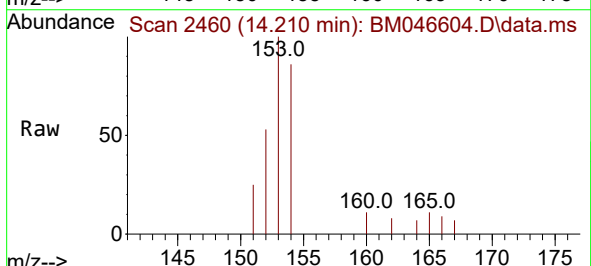
Tgt Ion:153 Resp: 1056

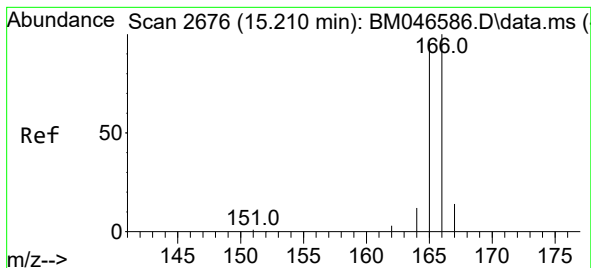
Ion Ratio Lower Upper

153 100

152 53.1 43.0 64.6

154 86.2 69.9 104.9





#12

Fluorene

Concen: 0.050 ng/ul

RT: 15.205 min Scan# 2

Delta R.T. -0.001 min

Lab File: BM046604.D

Acq: 15 Jul 2024 20:05

Instrument :

BNA_M

ClientSampleId :

A4CY5

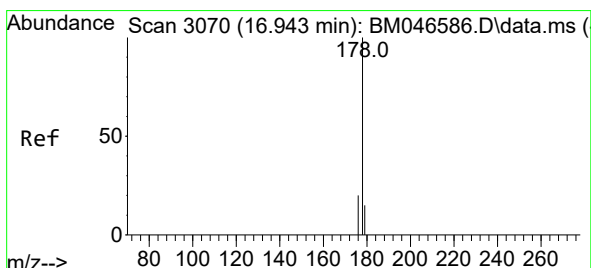
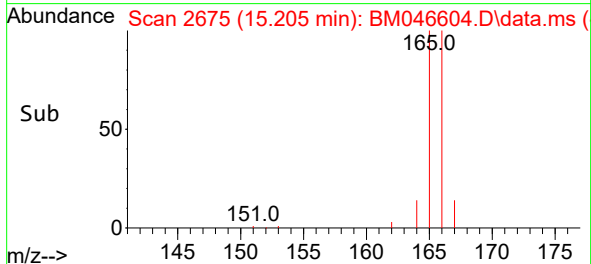
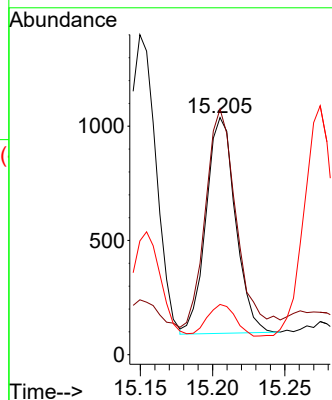
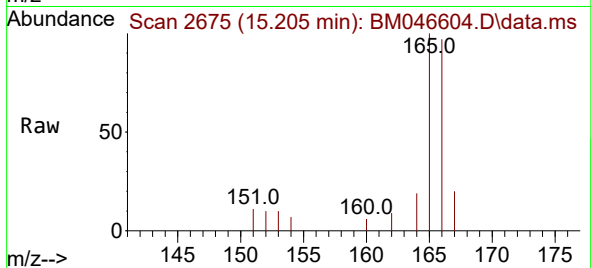
Tgt Ion:166 Resp: 1341

Ion Ratio Lower Upper

166 100

165 103.6 76.1 114.1

167 21.2 12.5 18.7#



#15

Phenanthrene

Concen: 0.542 ng/ul

RT: 16.943 min Scan# 3070

Delta R.T. -0.001 min

Lab File: BM046604.D

Acq: 15 Jul 2024 20:05

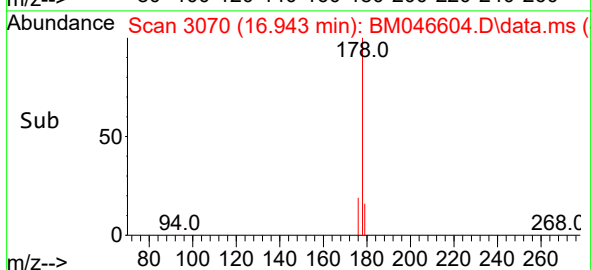
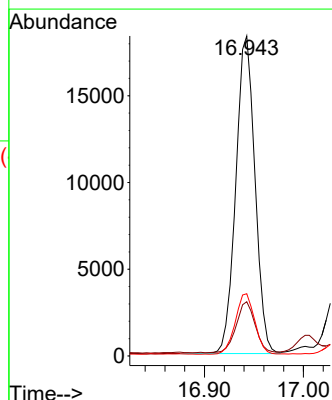
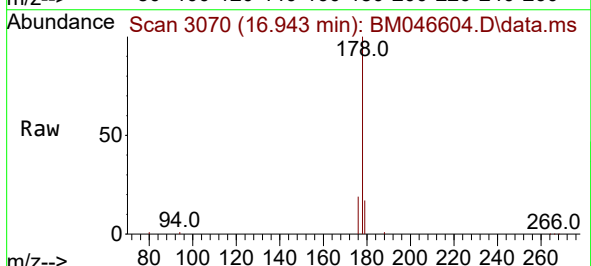
Tgt Ion:178 Resp: 24699

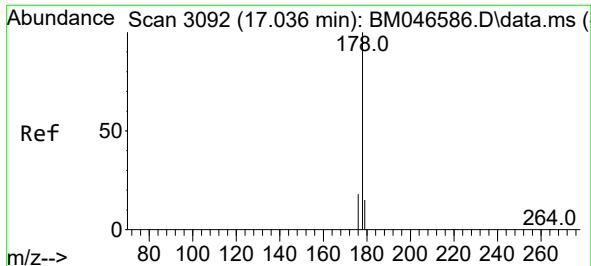
Ion Ratio Lower Upper

178 100

179 17.0 13.1 19.7

176 19.5 16.0 24.0

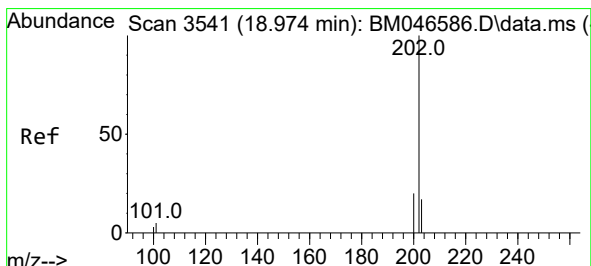
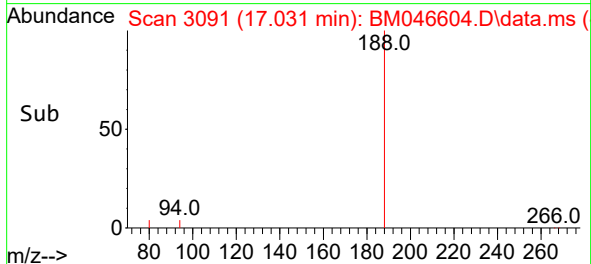
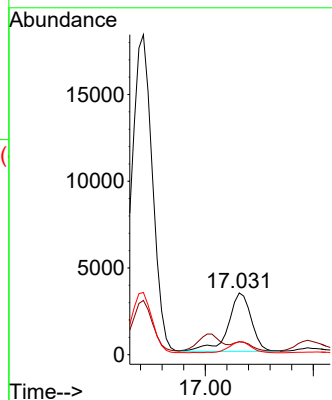
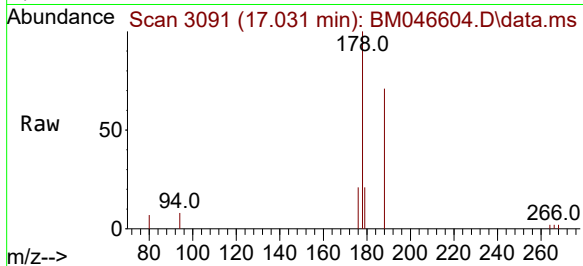




#16
 Anthracene
 Concen: 0.113 ng/ul
 RT: 17.031 min Scan# 3091
 Delta R.T. -0.001 min
 Lab File: BM046604.D
 Acq: 15 Jul 2024 20:05

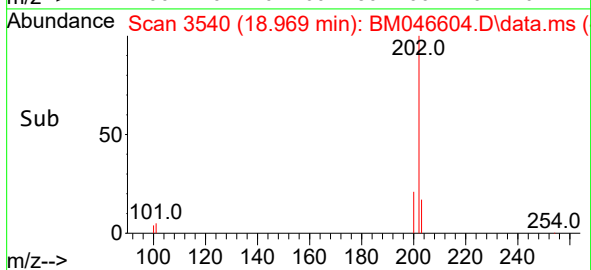
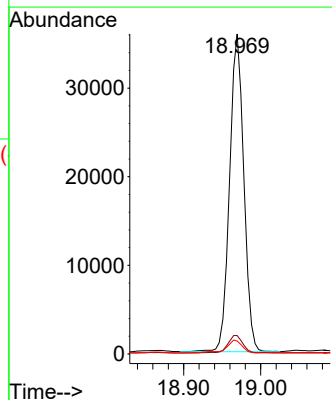
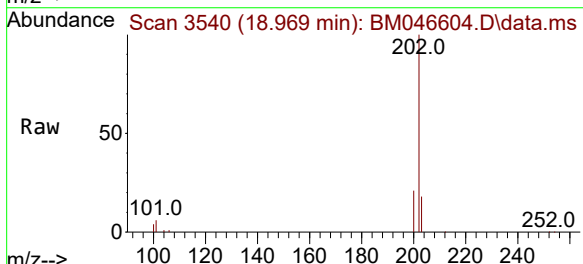
Instrument :
 BNA_M
 ClientSampleId :
 A4CY5

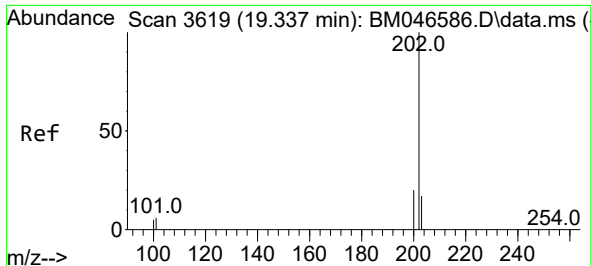
Tgt Ion:178 Resp: 5041
 Ion Ratio Lower Upper
 178 100
 179 21.1 13.5 20.3#
 176 21.0 15.7 23.5



#19
 Fluoranthene
 Concen: 0.879 ng/ul
 RT: 18.969 min Scan# 3540
 Delta R.T. -0.001 min
 Lab File: BM046604.D
 Acq: 15 Jul 2024 20:05

Tgt Ion:202 Resp: 46025
 Ion Ratio Lower Upper
 202 100
 101 5.7 4.6 6.8
 100 4.1 3.0 4.6

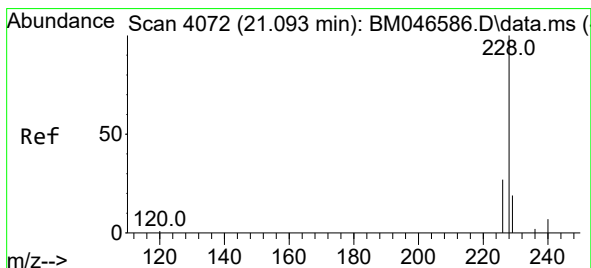
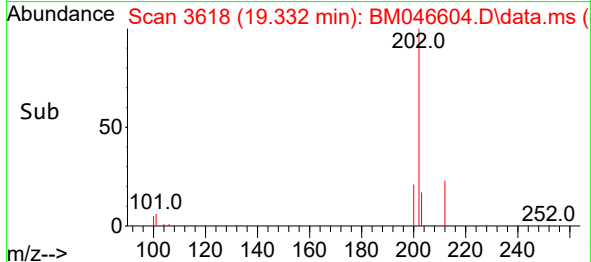
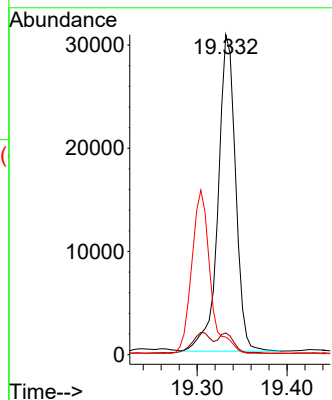
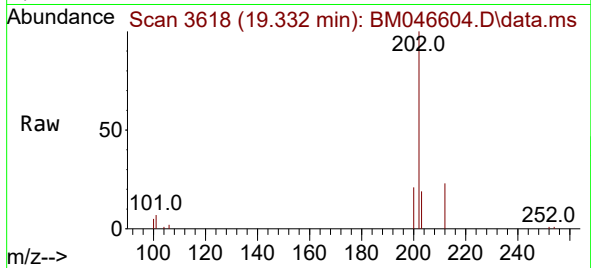




#20
Pyrene
Concen: 0.729 ng/ul
RT: 19.332 min Scan# 30
Delta R.T. -0.001 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

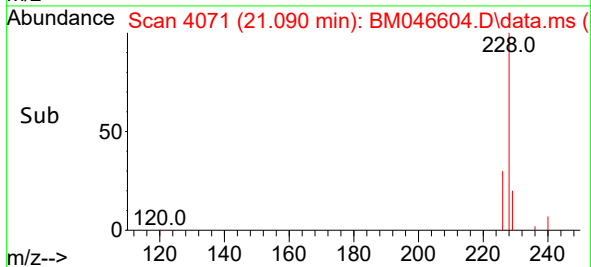
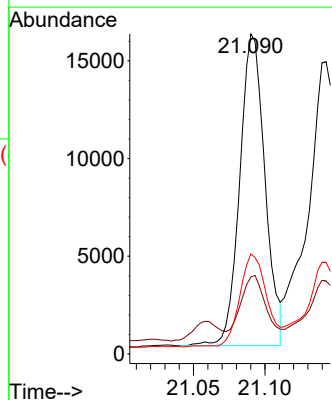
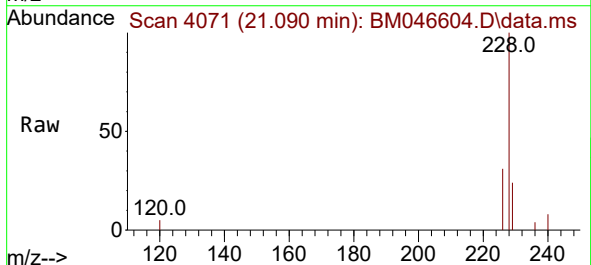
Instrument :
BNA_M
ClientSampleId :
A4CY5

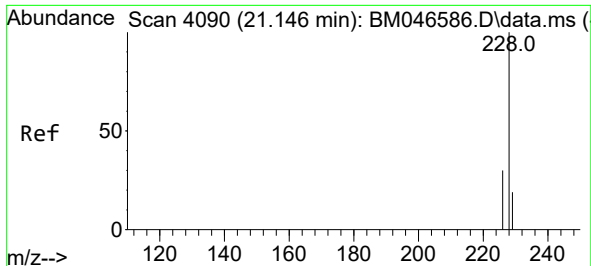
Tgt Ion:202 Resp: 41288
Ion Ratio Lower Upper
202 100
101 6.8 5.1 7.7
100 5.5 3.8 5.6



#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. 0.002 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

Tgt Ion:228 Resp: 19632
Ion Ratio Lower Upper
228 100
229 24.0 16.5 24.7
226 31.3 22.5 33.7

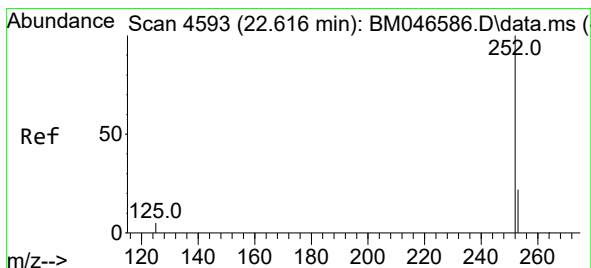
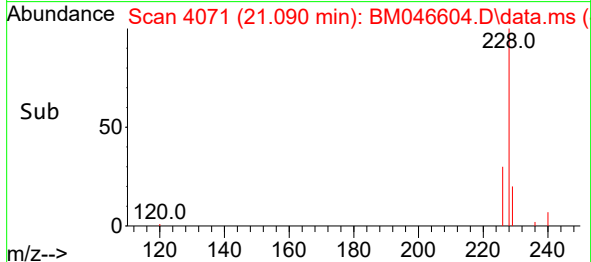
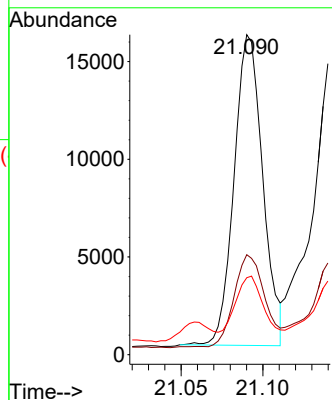
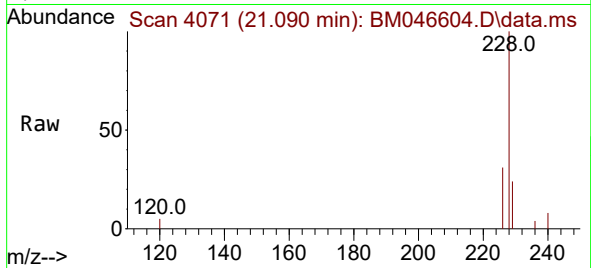




#22
Chrysene
Concen: 0.356 ng/ul
RT: 21.090 min Scan# 4090
Delta R.T. -0.050 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

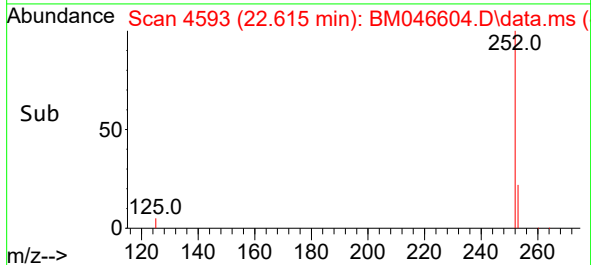
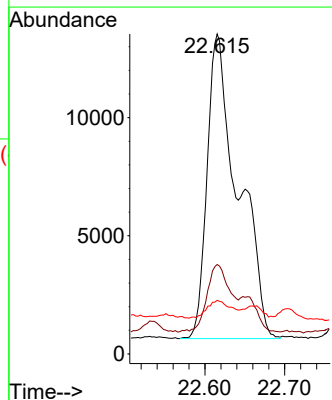
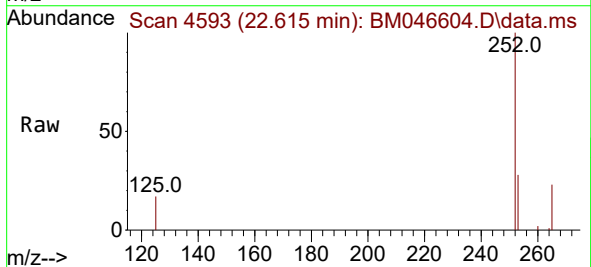
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A4CY5

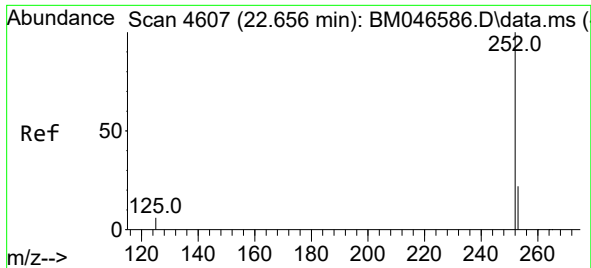
Tgt Ion:228	Resp: 19399
Ion Ratio	Lower Upper
228	100
226	31.3 24.3 36.5
229	24.0 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 0.639 ng/ul
RT: 22.615 min Scan# 4593
Delta R.T. 0.005 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

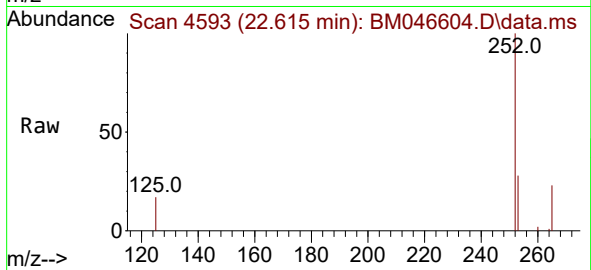
Tgt Ion:252	Resp: 34714
Ion Ratio	Lower Upper
252	100
253	28.0 0.0 56.2
125	16.7 0.0 17.8



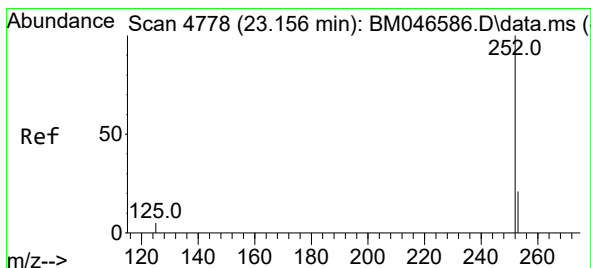
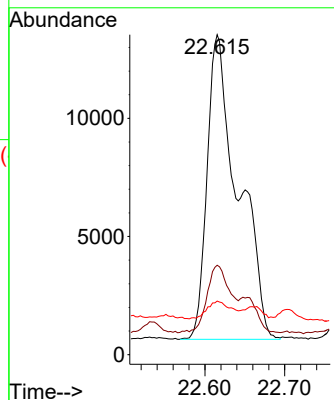


#25
Benzo(k)fluoranthene
Concen: 0.651 ng/ul
RT: 22.615 min Scan# 4593
Delta R.T. -0.036 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

Instrument :
BNA_M
ClientSampleId :
A4CY5

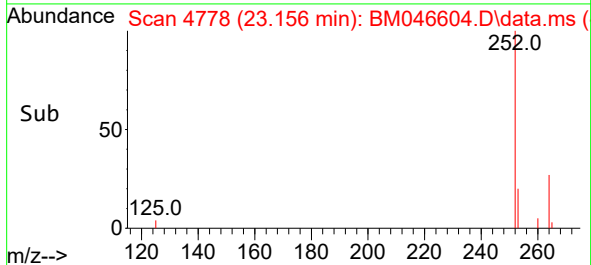
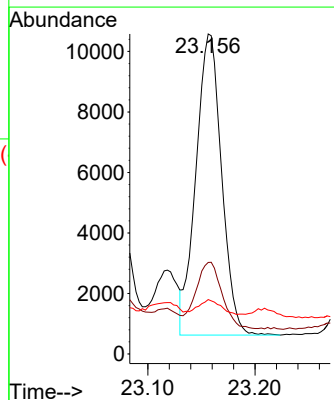
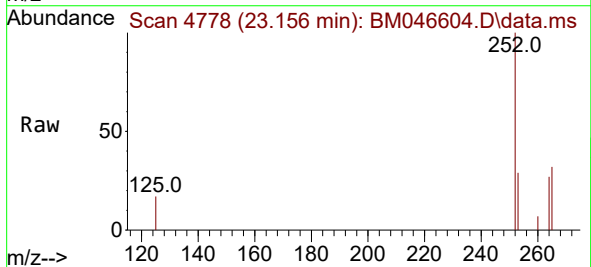


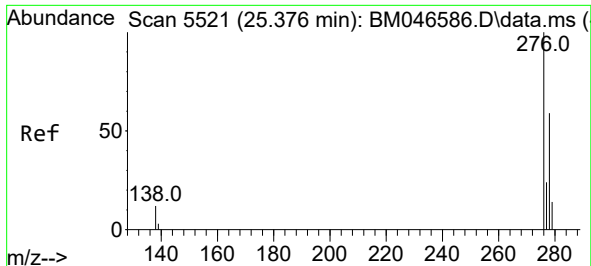
Tgt Ion:252 Resp: 34714
Ion Ratio Lower Upper
252 100
253 28.0 22.4 33.6
125 16.7 7.0 10.4#



#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.156 min Scan# 4778
Delta R.T. 0.005 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

Tgt Ion:252 Resp: 16537
Ion Ratio Lower Upper
252 100
253 28.6 24.0 36.0
125 17.0 8.2 12.2#

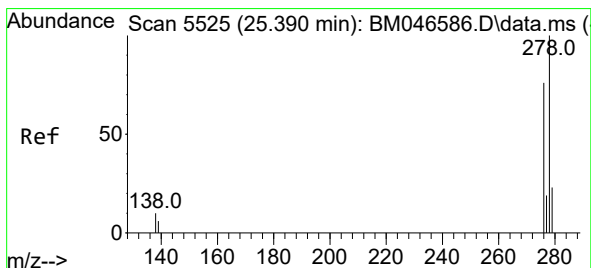
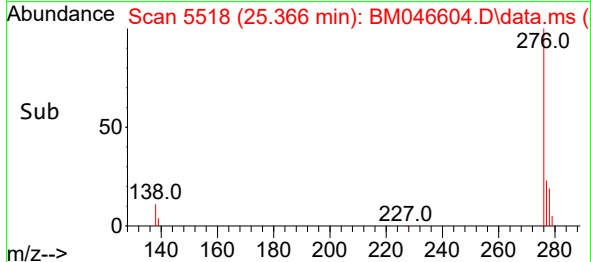
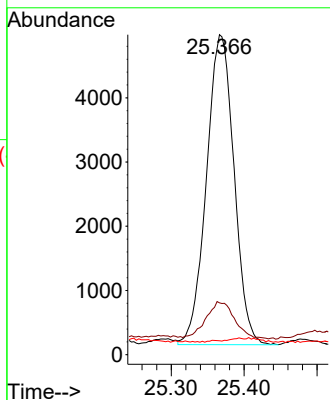
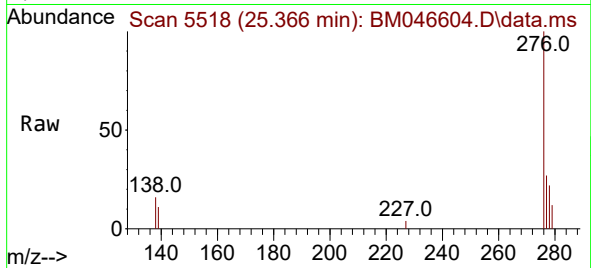




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.187 ng/ul
RT: 25.366 min Scan# 5518
Delta R.T. 0.006 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

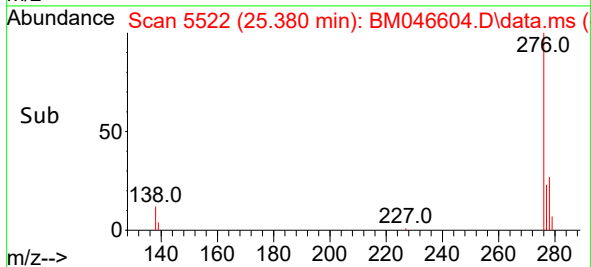
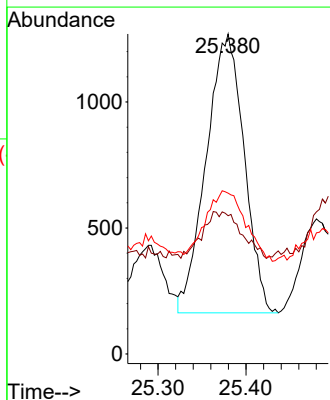
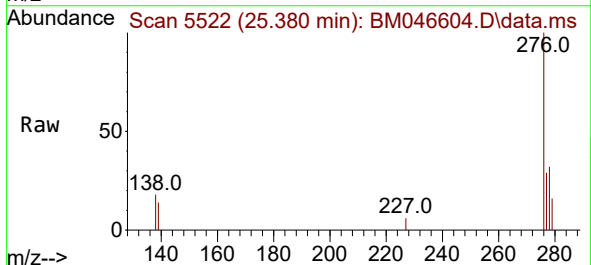
Instrument :
BNA_M
ClientSampleId :
A4CY5

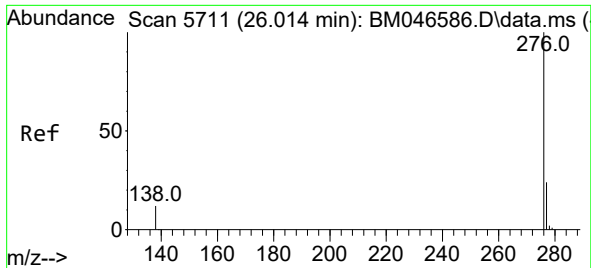
Tgt Ion:276 Resp: 12695
Ion Ratio Lower Upper
276 100
138 12.4 0.0 0.0#
227 0.3 0.2 0.2#



#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 25.380 min Scan# 5522
Delta R.T. -0.004 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

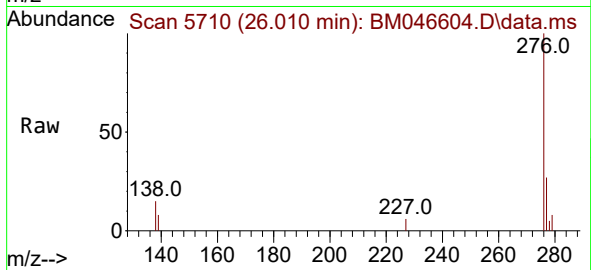
Tgt Ion:278 Resp: 3310
Ion Ratio Lower Upper
278 100
139 43.2 9.1 13.7#
279 50.2 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.226 ng/ul
RT: 26.010 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

Instrument :
BNA_M
ClientSampleId :
A4CY5



Tgt Ion:276 Resp: 12287
Ion Ratio Lower Upper
276 100
138 15.5 10.2 15.4#
277 27.2 20.9 31.3

