

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046608.D
 Acq On : 15 Jul 2024 22:33
 Operator : MA/JU
 Sample : P3087-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 16 00:25:41 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)

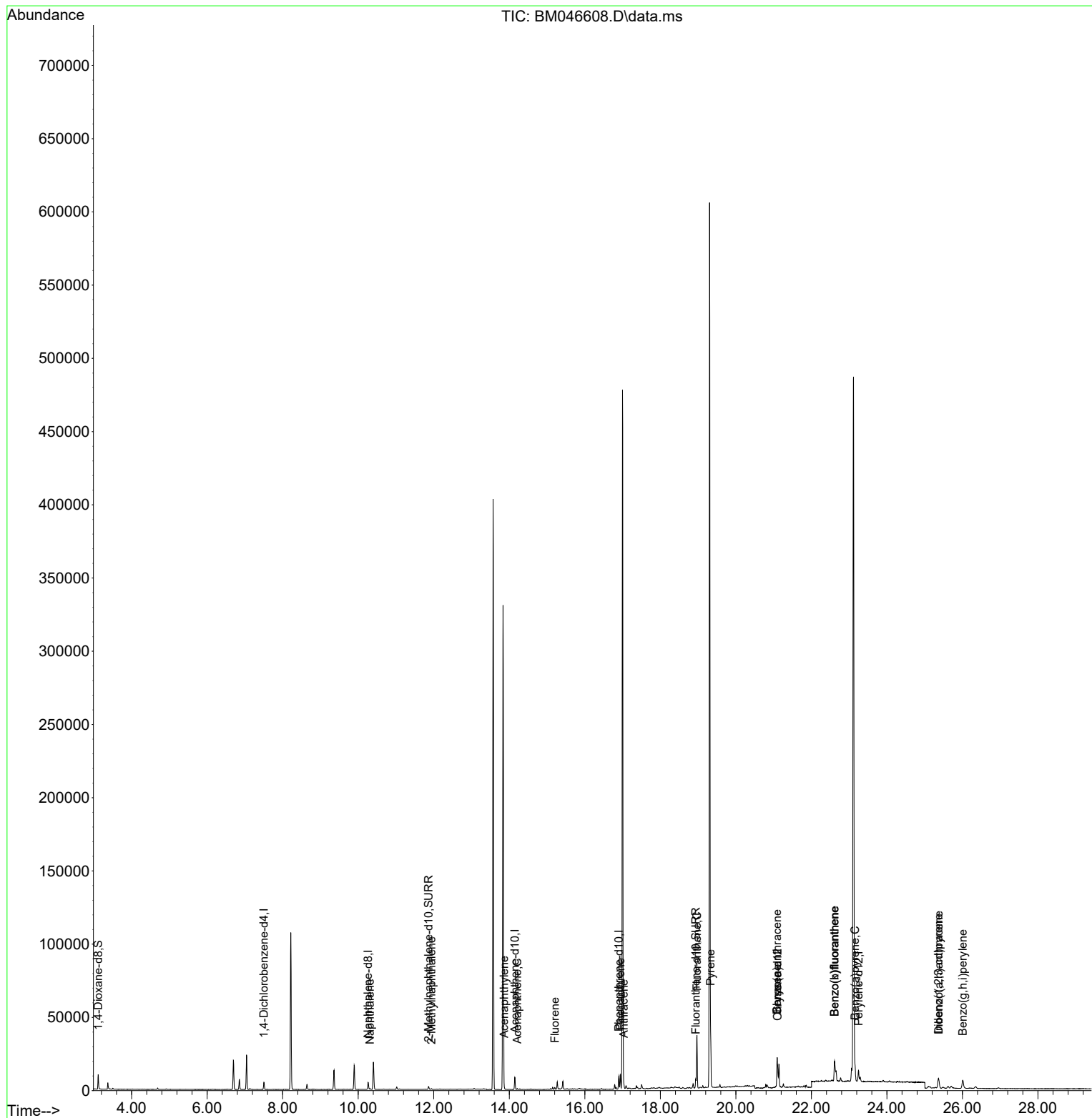
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	2360	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	6449	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.146	164	4561	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	10564	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	9077	0.400	ng/ul #	0.00
23) Perylene-d12	23.247	264	9869	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	5886	3.036	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	2501	0.240	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	6895	0.250	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.310	128	839	0.051	ng/ul#	85
7) 2-Methylnaphthalene	11.937	142	349	0.030	ng/ul	98
10) Acenaphthylene	13.864	152	1479	0.071	ng/ul#	90
11) Acenaphthene	14.211	153	458	0.033	ng/ul	92
12) Fluorene	15.205	166	749	0.044	ng/ul#	87
15) Phenanthrene	16.943	178	9909	0.329	ng/ul	97
16) Anthracene	17.031	178	3053	0.104	ng/ul#	91
19) Fluoranthene	18.970	202	33610	0.901	ng/ul	99
20) Pyrene	19.332	202	31841	0.789	ng/ul	99
21) Benzo(a)anthracene	21.090	228	15473	0.385	ng/ul	94
22) Chrysene	21.090	228	15421	0.397	ng/ul	96
24) Benzo(b)fluoranthene	22.613	252	29733	0.754	ng/ul#	92
25) Benzo(k)fluoranthene	22.613	252	29733	0.768	ng/ul#	92
26) Benzo(a)pyrene	23.153	252	13326	0.411	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.363	276	11056	0.224	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.373	278	2779	0.071	ng/ul#	34
29) Benzo(g,h,i)perylene	26.010	276	11510	0.292	ng/ul#	96

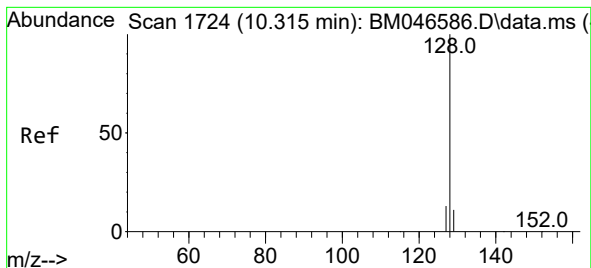
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
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Quant Time: Jul 16 00:25:41 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

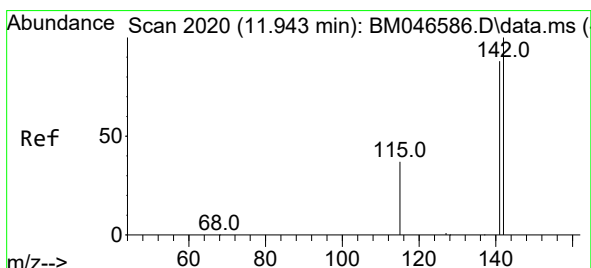
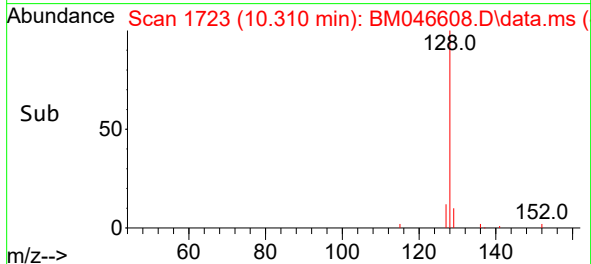
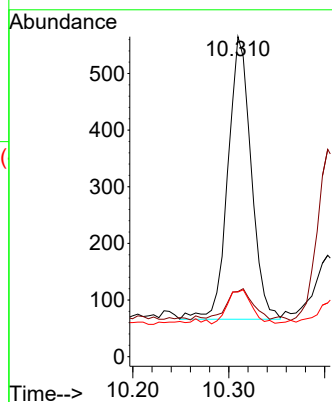
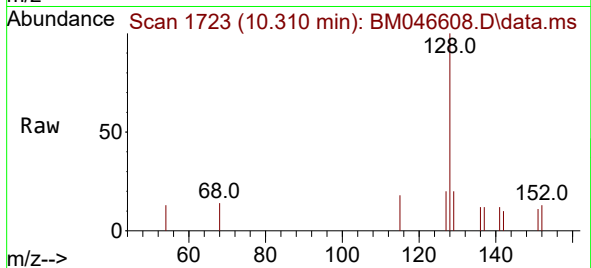




#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.310 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

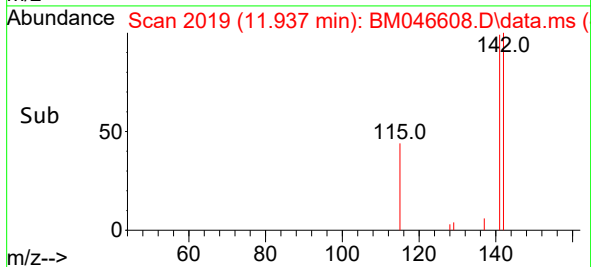
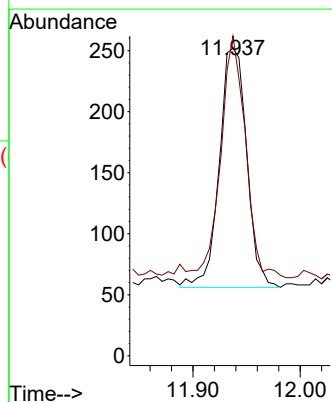
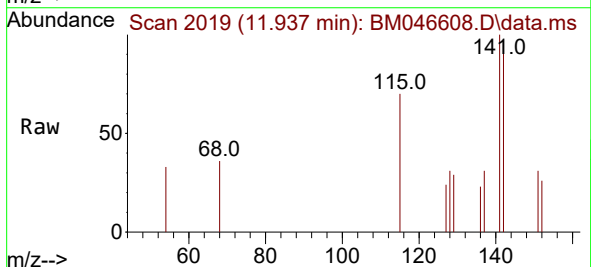
Instrument :
BNA_M
ClientSampleId :

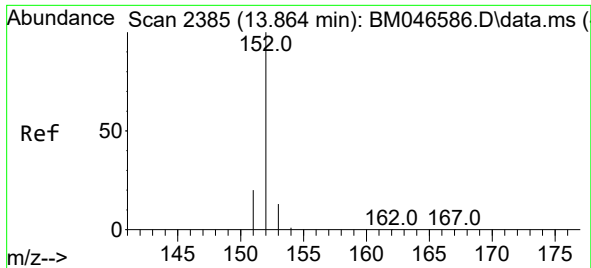
Tgt Ion:128 Resp: 839
Ion Ratio Lower Upper
128 100
129 20.4 10.3 15.5#
127 20.2 12.2 18.4#



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

Tgt Ion:142 Resp: 349
Ion Ratio Lower Upper
142 100
141 89.7 70.3 105.5

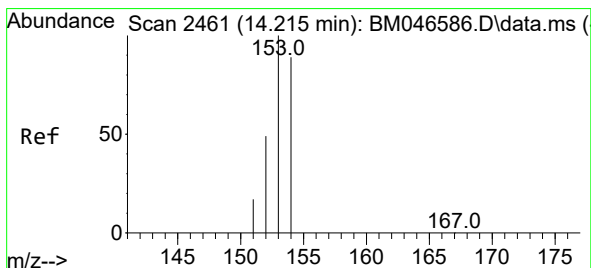
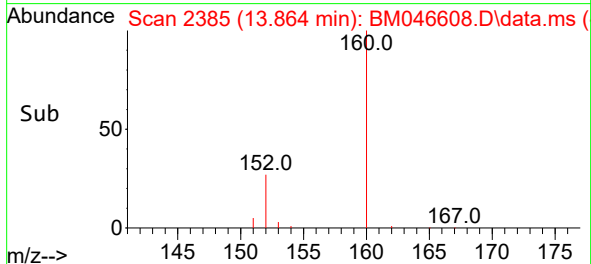
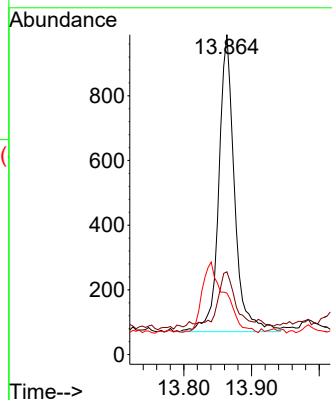
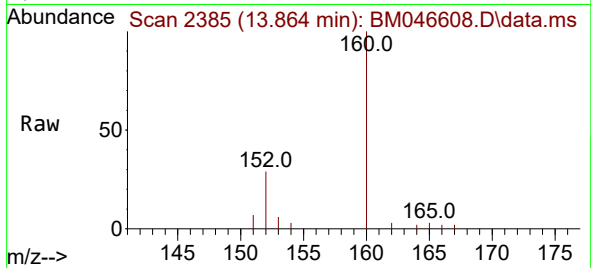




#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.864 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

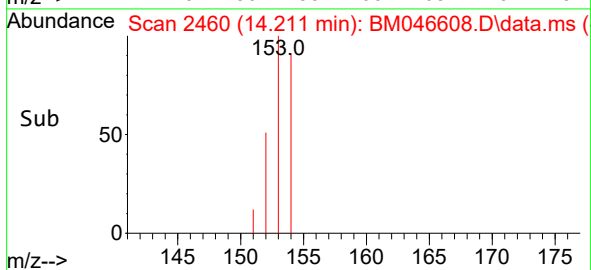
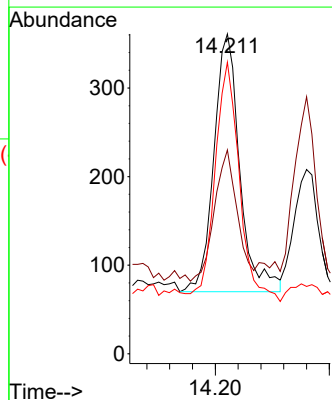
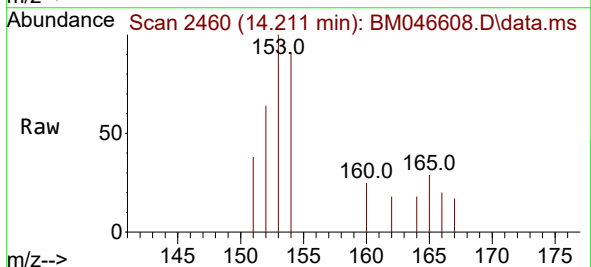
Instrument :
BNA_M
ClientSampleId :

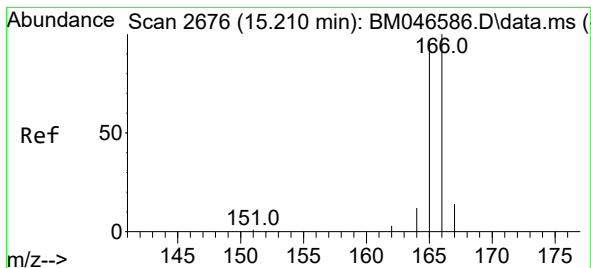
Tgt Ion:152 Resp: 1479
Ion Ratio Lower Upper
152 100
151 25.9 16.4 24.6#
153 19.2 12.4 18.6#



#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

Tgt Ion:153 Resp: 458
Ion Ratio Lower Upper
153 100
152 63.7 43.0 64.6
154 91.1 69.9 104.9





#12

Fluorene

Concen: 0.044 ng/ul

RT: 15.205 min Scan# 2

Delta R.T. -0.000 min

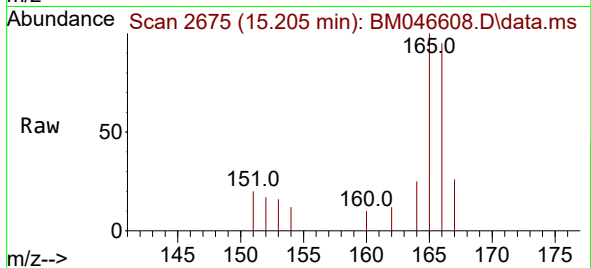
Lab File: BM046608.D

Acq: 15 Jul 2024 22:33

Instrument :

BNA_M

ClientSampleId :



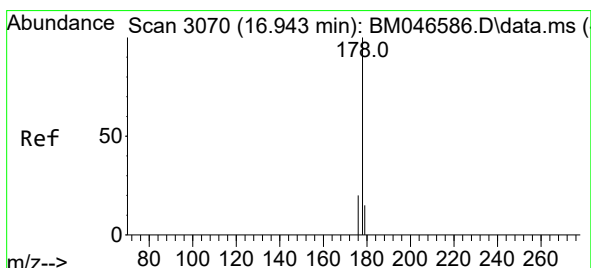
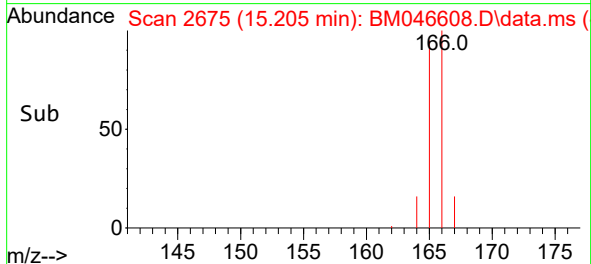
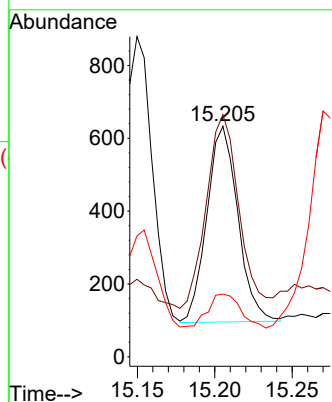
Tgt Ion:166 Resp: 749

Ion Ratio Lower Upper

166 100

165 105.1 76.1 114.1

167 27.2 12.5 18.7#



#15

Phenanthrene

Concen: 0.329 ng/ul

RT: 16.943 min Scan# 3070

Delta R.T. -0.000 min

Lab File: BM046608.D

Acq: 15 Jul 2024 22:33

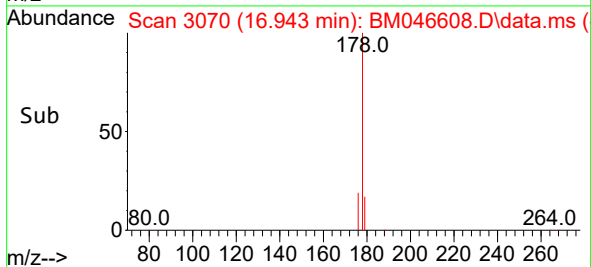
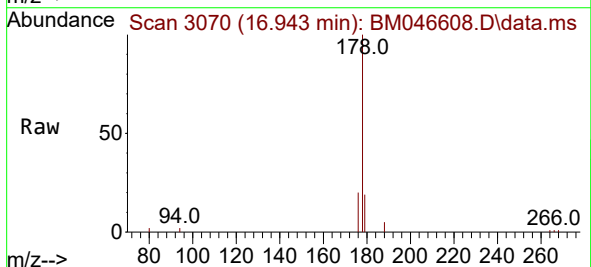
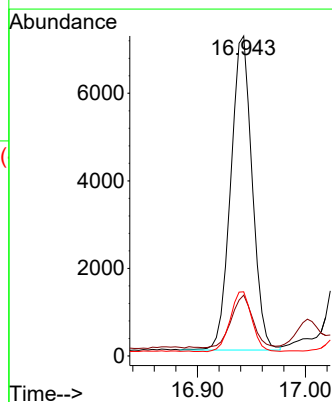
Tgt Ion:178 Resp: 9909

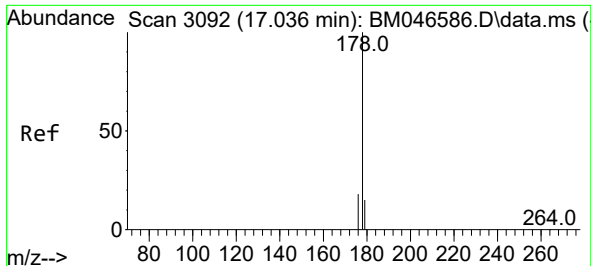
Ion Ratio Lower Upper

178 100

179 19.0 13.1 19.7

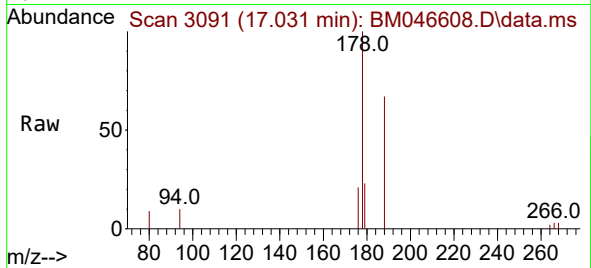
176 20.1 16.0 24.0



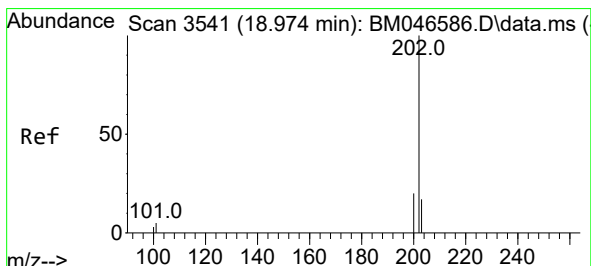
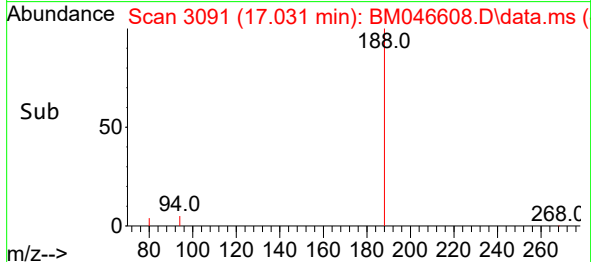
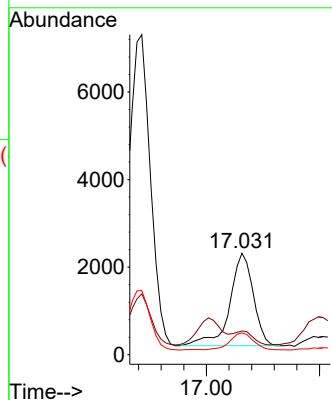


#16
Anthracene
Concen: 0.104 ng/ul
RT: 17.031 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

Instrument :
BNA_M
ClientSampleId :

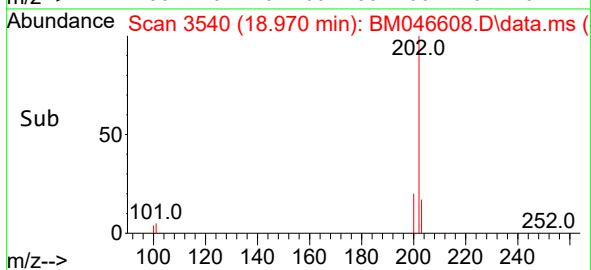
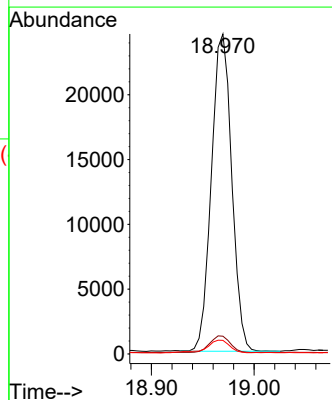
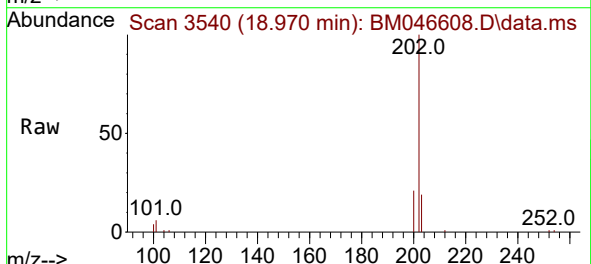


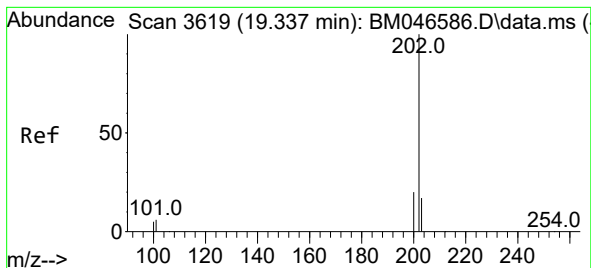
Tgt Ion:178 Resp: 3053
Ion Ratio Lower Upper
178 100
179 23.4 13.5 20.3#
176 21.5 15.7 23.5



#19
Fluoranthene
Concen: 0.901 ng/ul
RT: 18.970 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

Tgt Ion:202 Resp: 33610
Ion Ratio Lower Upper
202 100
101 5.5 4.6 6.8
100 4.3 3.0 4.6





#20

Pyrene

Concen: 0.789 ng/ul

RT: 19.332 min Scan# 3618

Delta R.T. -0.000 min

Lab File: BM046608.D

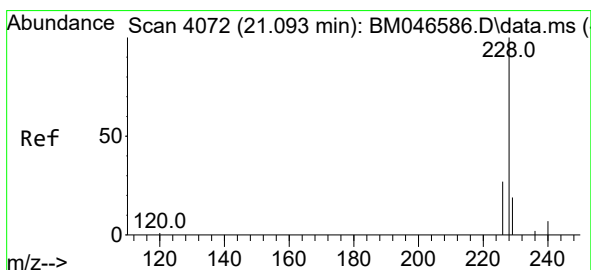
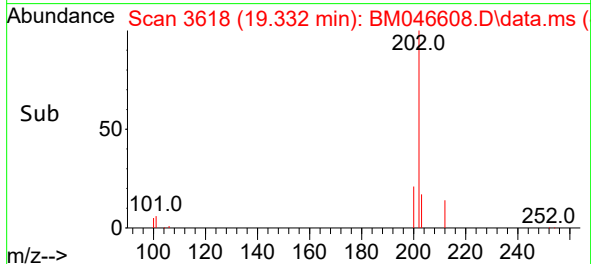
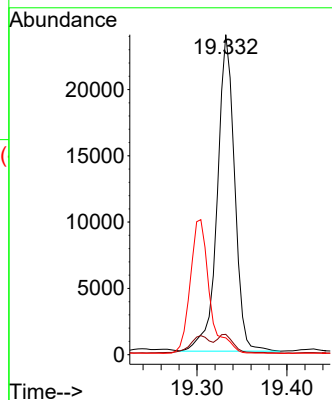
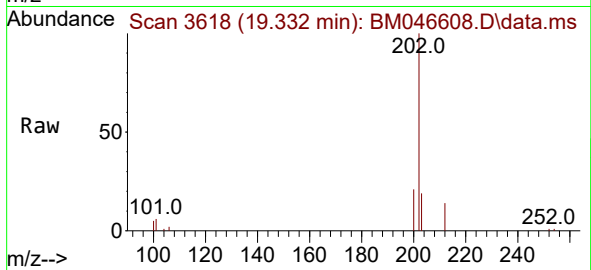
Acq: 15 Jul 2024 22:33

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:202	Resp:	31841
Ion Ratio	Lower	Upper
202	100	
101	6.4	5.1 7.7
100	5.2	3.8 5.6



#21

Benzo(a)anthracene

Concen: 0.385 ng/ul

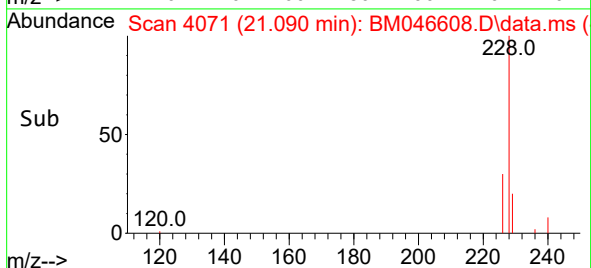
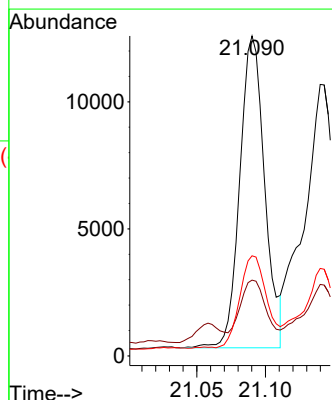
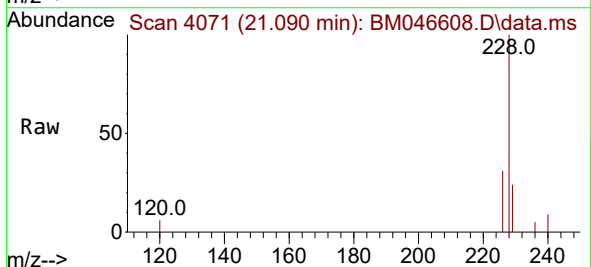
RT: 21.090 min Scan# 4071

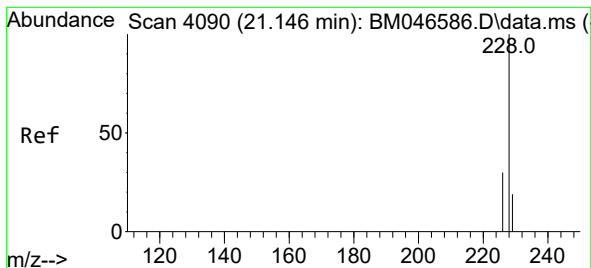
Delta R.T. 0.003 min

Lab File: BM046608.D

Acq: 15 Jul 2024 22:33

Tgt Ion:228	Resp:	15473
Ion Ratio	Lower	Upper
228	100	
229	23.7	16.5 24.7
226	31.3	22.5 33.7





#22

Chrysene

Concen: 0.397 ng/ul

RT: 21.090 min Scan# 4090

Delta R.T. -0.050 min

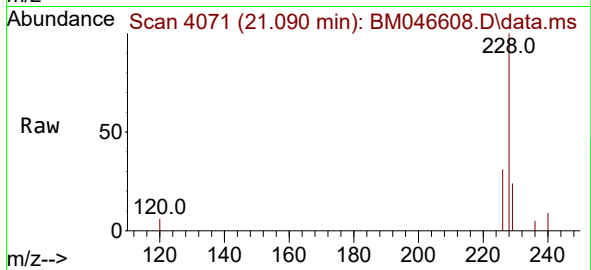
Lab File: BM046608.D

Acq: 15 Jul 2024 22:33

Instrument :

BNA_M

ClientSampleId :



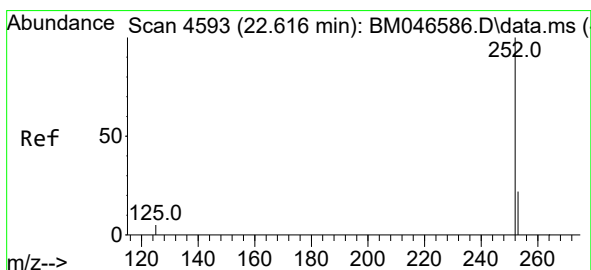
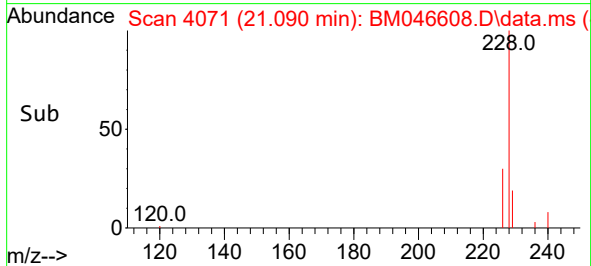
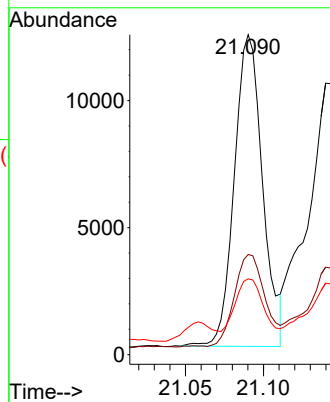
Tgt Ion:228 Resp: 15421

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 23.7 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 0.754 ng/ul

RT: 22.613 min Scan# 4592

Delta R.T. 0.003 min

Lab File: BM046608.D

Acq: 15 Jul 2024 22:33

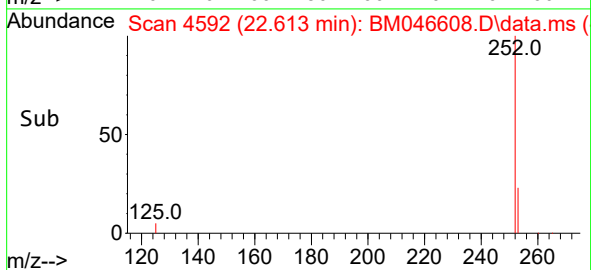
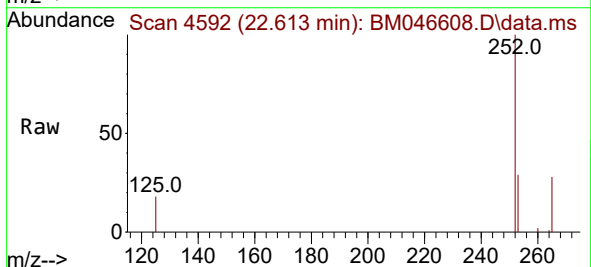
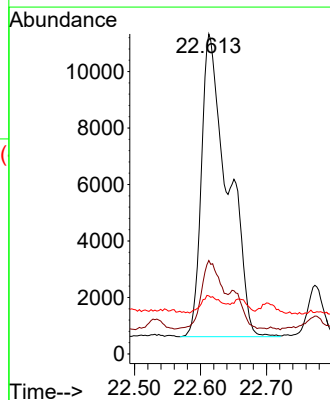
Tgt Ion:252 Resp: 29733

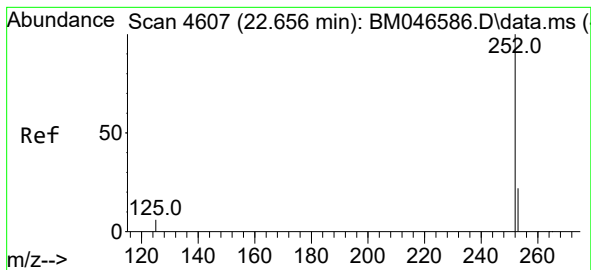
Ion Ratio Lower Upper

252 100

253 29.2 0.0 56.2

125 18.2 0.0 17.8#





#25

Benzo(k)fluoranthene

Concen: 0.768 ng/ul

RT: 22.613 min Scan# 4

Delta R.T. -0.038 min

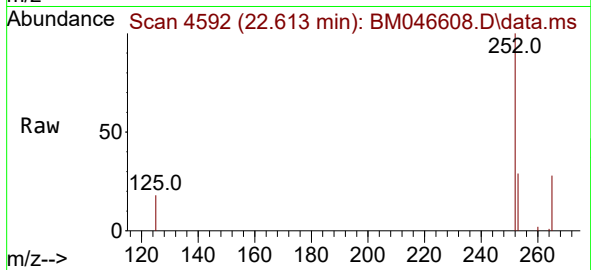
Lab File: BM046608.D

Acq: 15 Jul 2024 22:33

Instrument :

BNA_M

ClientSampleId :



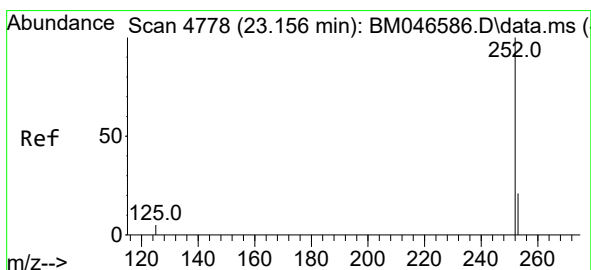
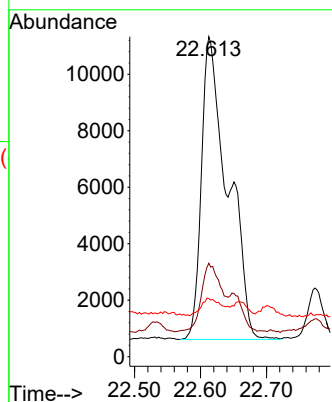
Tgt Ion:252 Resp: 29733

Ion Ratio Lower Upper

252 100

253 29.2 22.4 33.6

125 18.2 7.0 10.4#



#26

Benzo(a)pyrene

Concen: 0.411 ng/ul

RT: 23.153 min Scan# 4777

Delta R.T. 0.003 min

Lab File: BM046608.D

Acq: 15 Jul 2024 22:33

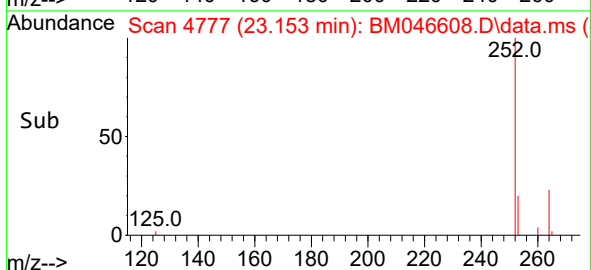
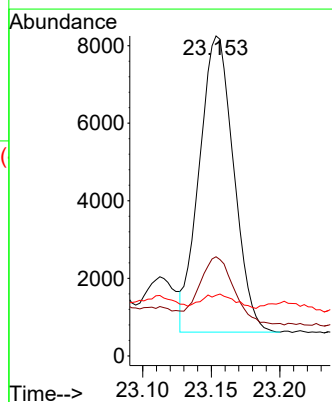
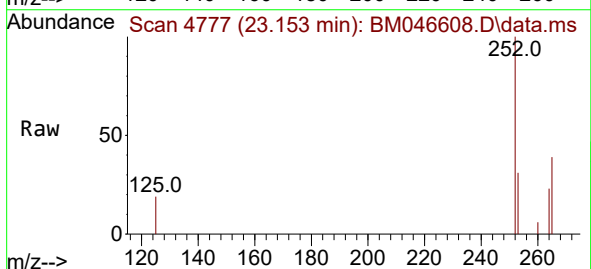
Tgt Ion:252 Resp: 13326

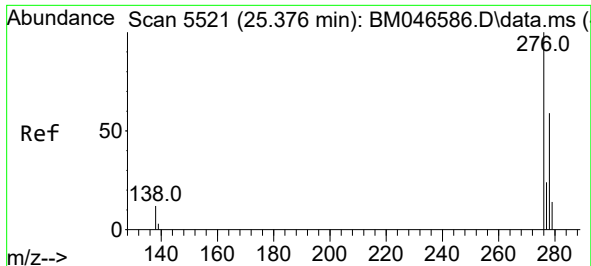
Ion Ratio Lower Upper

252 100

253 31.0 24.0 36.0

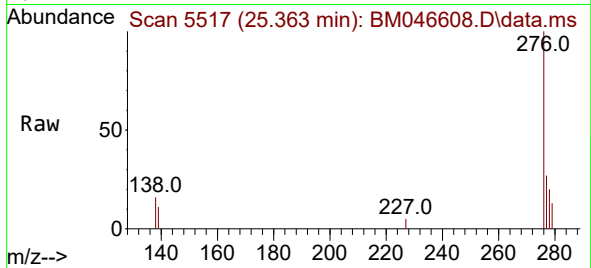
125 18.9 8.2 12.2#



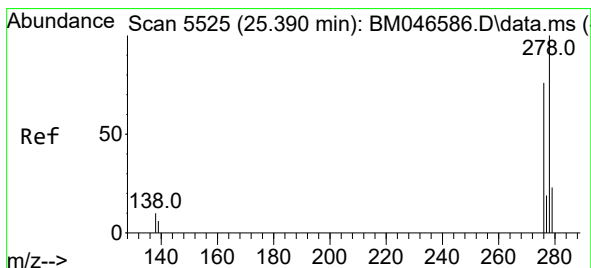
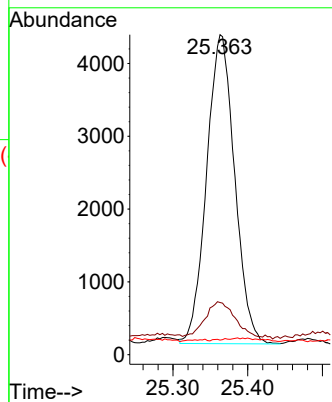
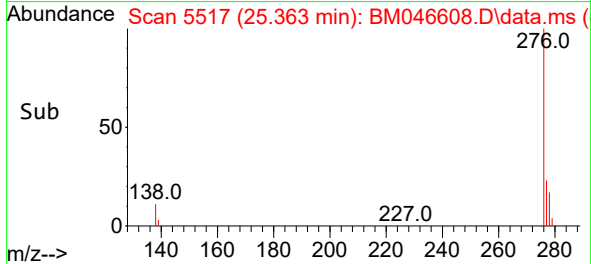


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.224 ng/ul
RT: 25.363 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

Instrument :
BNA_M
ClientSampleId :

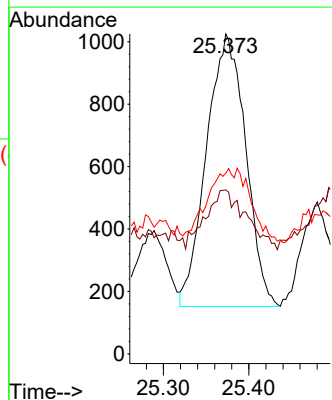
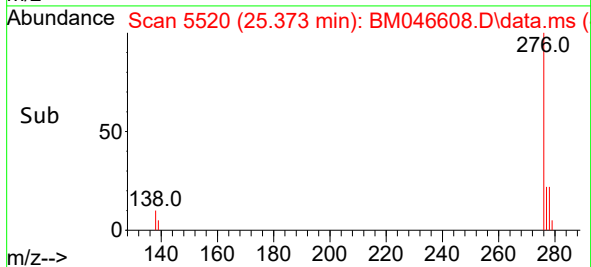
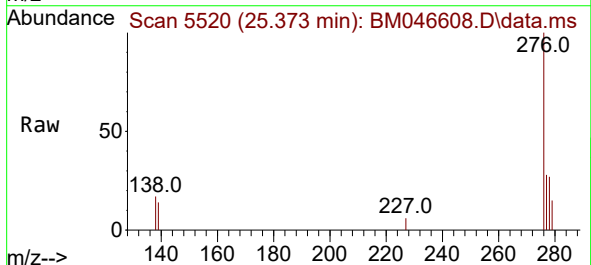


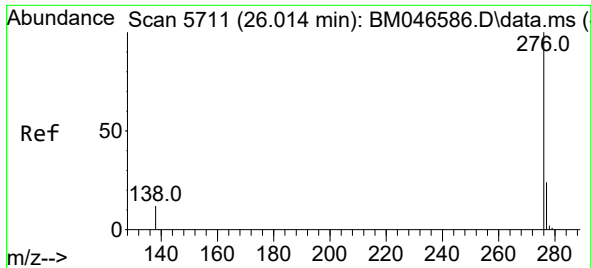
Tgt Ion:276 Resp: 11056
Ion Ratio Lower Upper
276 100
138 12.0 0.0 0.0#
227 0.2 0.2 0.2



#28
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 25.373 min Scan# 5520
Delta R.T. -0.010 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

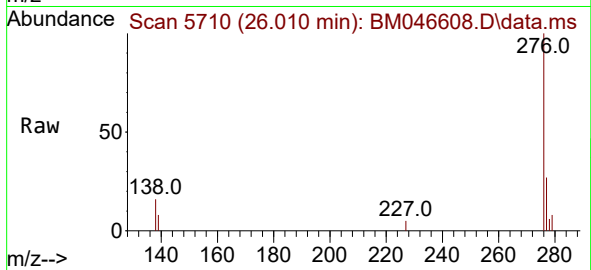
Tgt Ion:278 Resp: 2779
Ion Ratio Lower Upper
278 100
139 51.2 9.1 13.7#
279 56.5 23.2 34.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.292 ng/ul
 RT: 26.010 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: BM046608.D
 Acq: 15 Jul 2024 22:33

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 11510
 Ion Ratio Lower Upper
 276 100
 138 15.7 10.2 15.4#
 277 27.0 20.9 31.3

