

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046806.D
 Acq On : 25 Jul 2024 19:00
 Operator : MA/JU
 Sample : P3263-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BA2

Quant Time: Jul 26 00:29:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

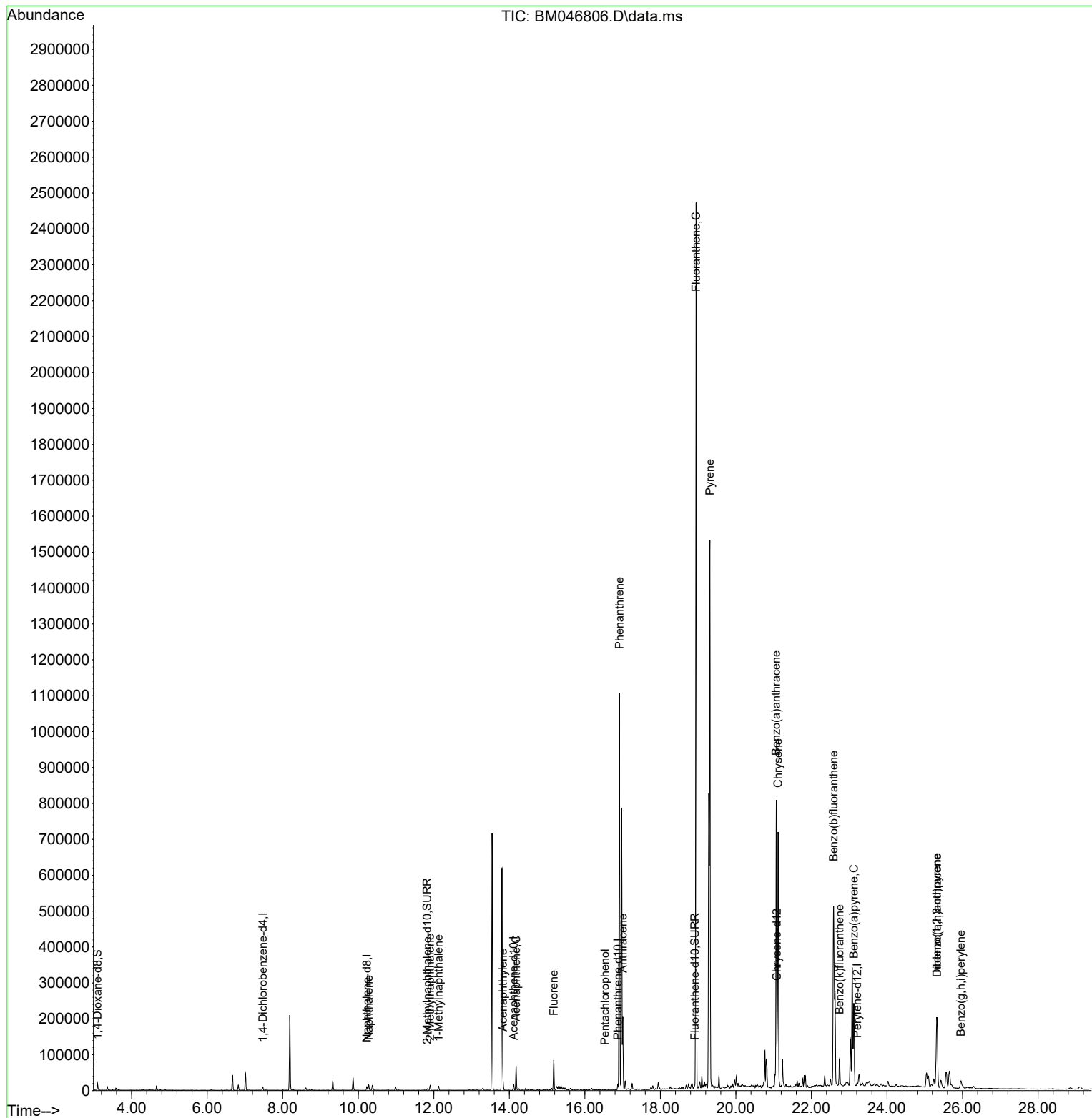
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	4590	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	13559	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	8735	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	20274	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.082	240	9878	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	10019	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	11161	3.473	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	5300	0.246	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	11781	0.366	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.275	128	18920	0.552	ng/ul	97
7) 2-Methylnaphthalene	11.903	142	9168	0.388	ng/ul	100
8) 1-Methylnaphthalene	12.129	142	7717	0.317	ng/ul	99
10) Acenaphthylene	13.830	152	29253	0.731	ng/ul	99
11) Acenaphthene	14.177	153	38548	1.420	ng/ul	99
12) Fluorene	15.176	166	50344	1.483	ng/ul	98
14) Pentachlorophenol	16.532	266	366	0.040	ng/ul	99
15) Phenanthrene	16.916	178	1111250	19.070	ng/ul	98
16) Anthracene	17.005	178	196418	3.621	ng/ul	99
19) Fluoranthene	18.945	202	2135114	49.216	ng/ul	100
20) Pyrene	19.312	202	1392342	31.026	ng/ul	99
21) Benzo(a)anthracene	21.067	228	658110	15.988	ng/ul	99
22) Chrysene	21.117	228	674538	16.132	ng/ul	98
24) Benzo(b)fluoranthene	22.587	252	1086709	24.706	ng/ul	91
25) Benzo(k)fluoranthene	22.745	252	83589	1.886	ng/ul	98
26) Benzo(a)pyrene	23.122	252	299779	9.493	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.320	276	297106	6.113	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.327	278	93475	2.627	ng/ul	96
29) Benzo(g,h,i)perylene	25.957	276	46254	1.081	ng/ul#	94

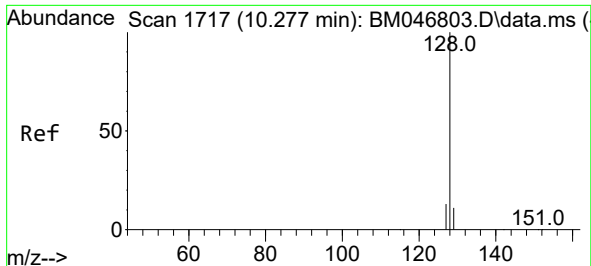
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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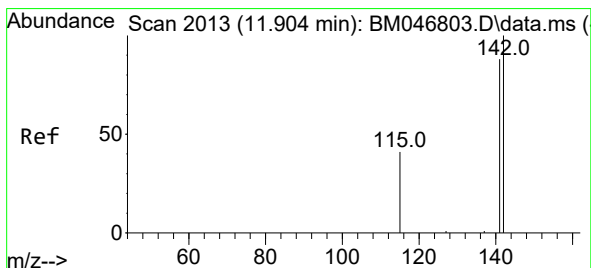
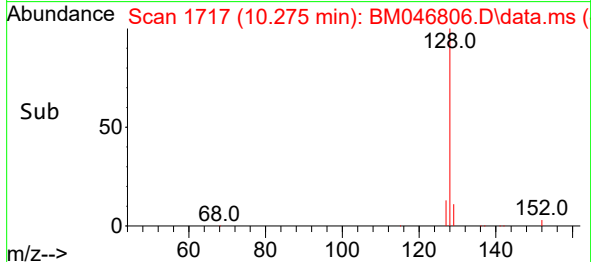
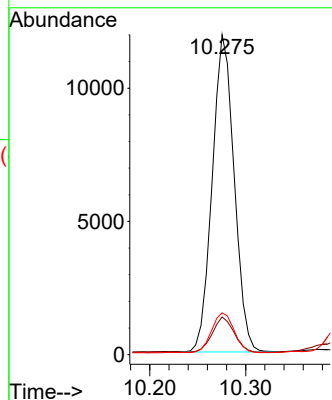
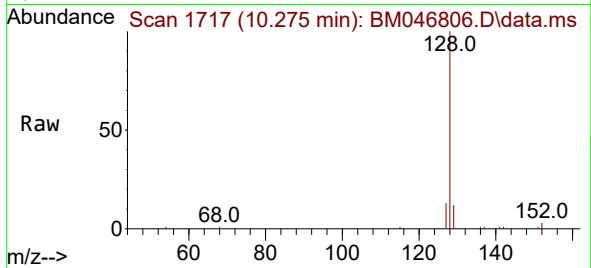




#5
Naphthalene
Concen: 0.552 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

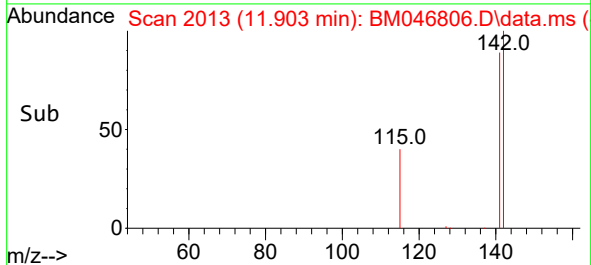
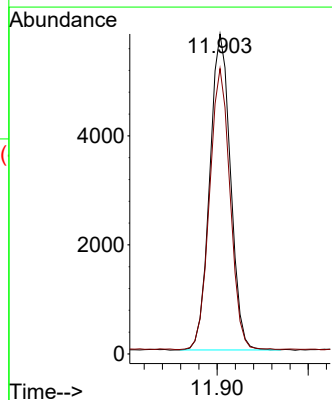
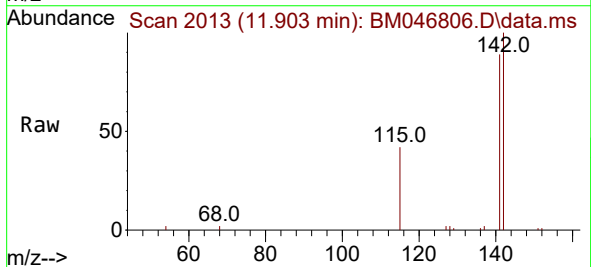
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BNA_M
ClientSampleId :
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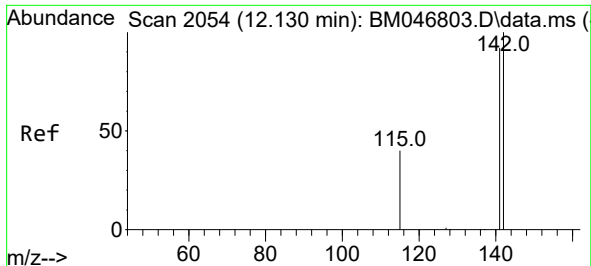
Tgt Ion:128 Resp: 18920
Ion Ratio Lower Upper
128 100
129 11.8 10.1 15.1
127 13.1 11.5 17.3



#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

Tgt Ion:142 Resp: 9168
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7

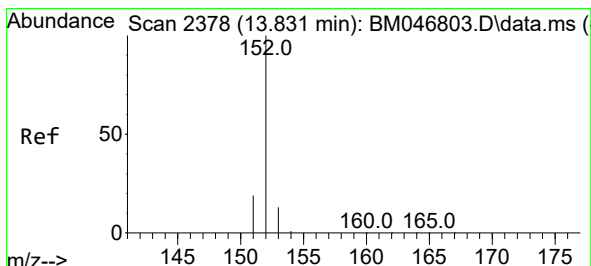
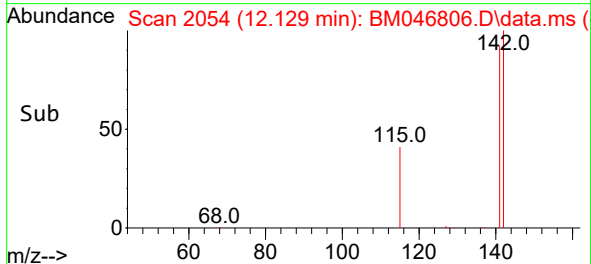
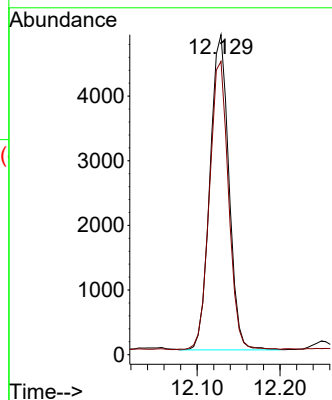
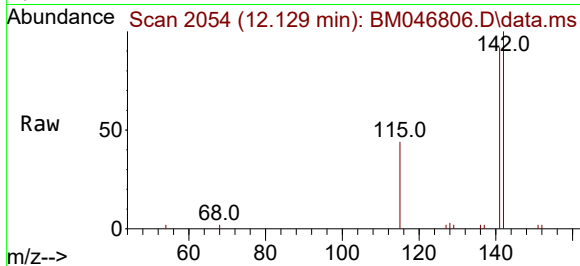




#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.129 min Scan# 2054
Delta R.T. -0.001 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

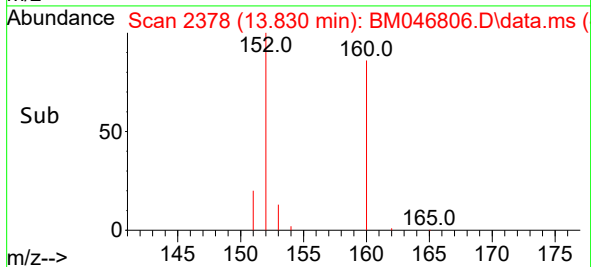
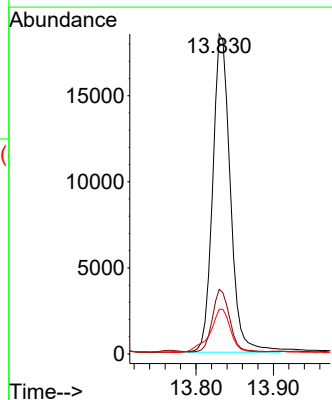
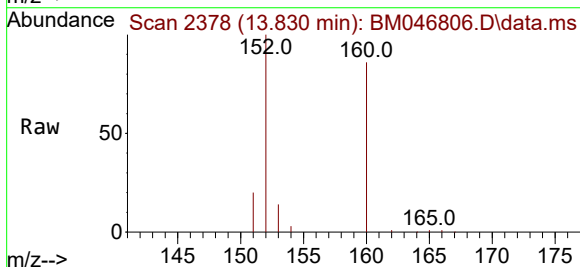
Instrument :
BNA_M
ClientSampleId :
A4BA2

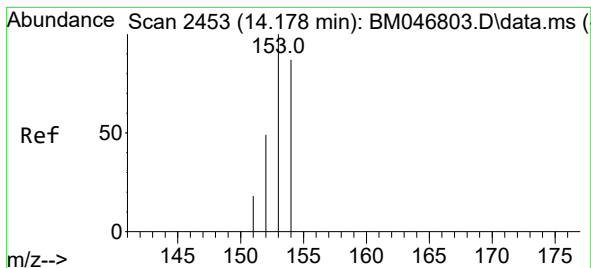
Tgt Ion:142 Resp: 7717
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7



#10
Acenaphthylene
Concen: 0.731 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.001 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

Tgt Ion:152 Resp: 29253
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 14.0 11.0 16.6





#11

Acenaphthene

Concen: 1.420 ng/ul

RT: 14.177 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BM046806.D

Acq: 25 Jul 2024 19:00

Instrument :

BNA_M

ClientSampleId :

A4BA2

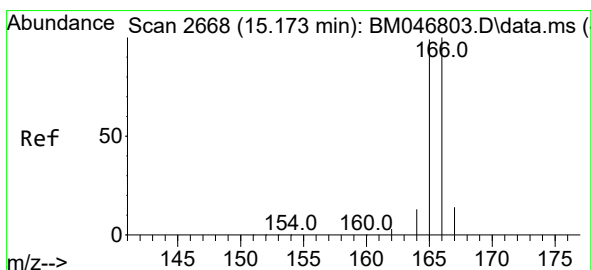
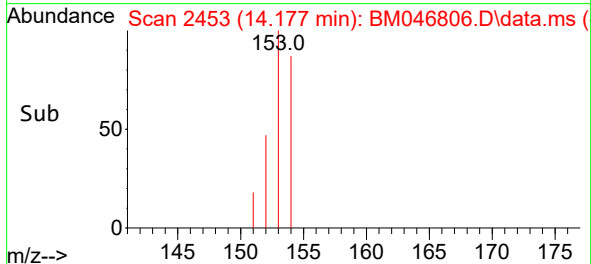
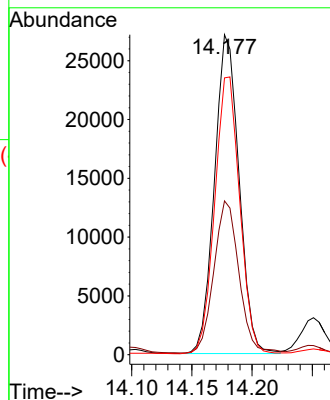
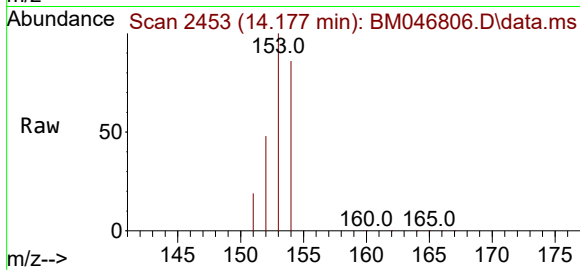
Tgt Ion:153 Resp: 38548

Ion Ratio Lower Upper

153 100

152 48.1 38.6 57.8

154 86.5 70.8 106.2



#12

Fluorene

Concen: 1.483 ng/ul

RT: 15.176 min Scan# 2669

Delta R.T. -0.001 min

Lab File: BM046806.D

Acq: 25 Jul 2024 19:00

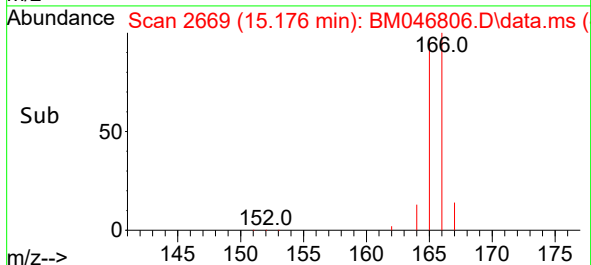
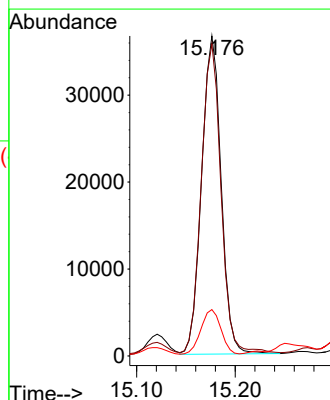
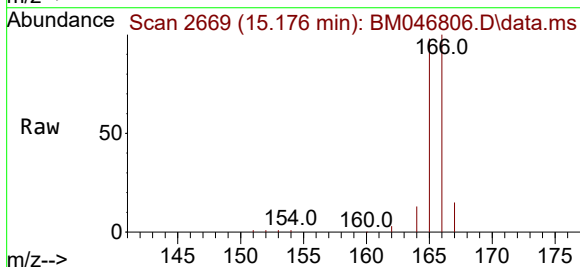
Tgt Ion:166 Resp: 50344

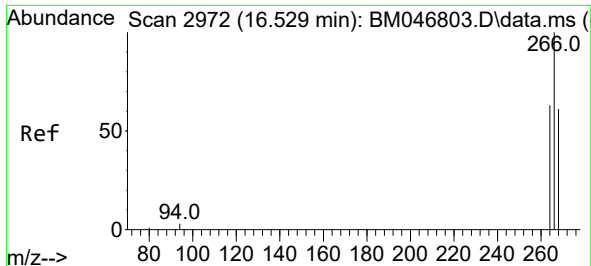
Ion Ratio Lower Upper

166 100

165 97.5 79.8 119.6

167 14.5 12.3 18.5

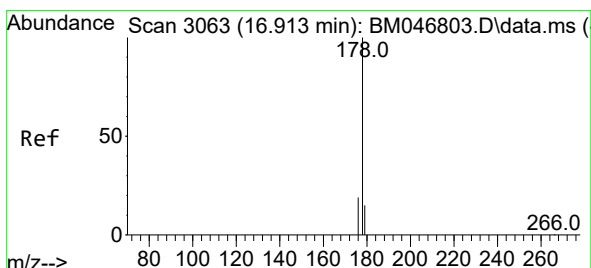
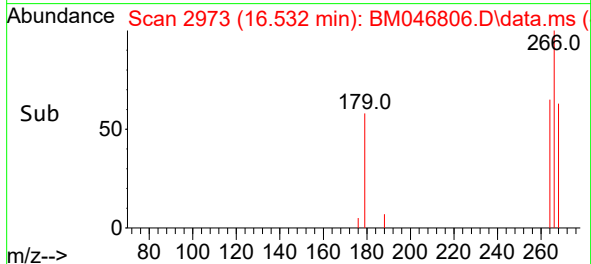
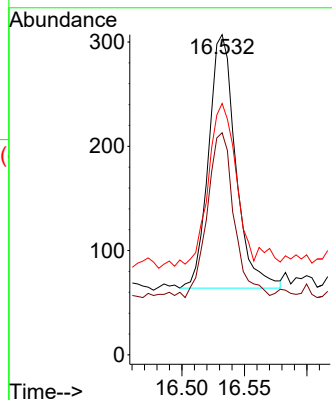
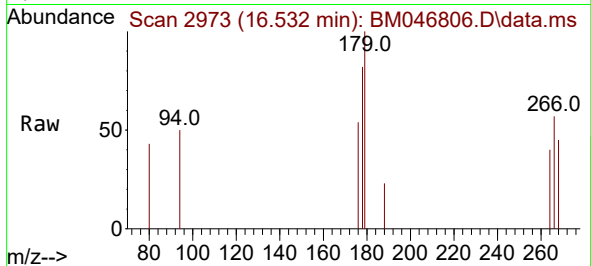




#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 16.532 min Scan# 2973
Delta R.T. -0.001 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

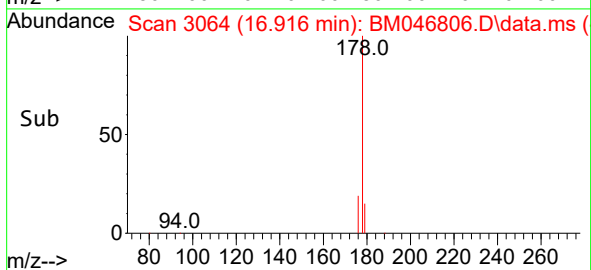
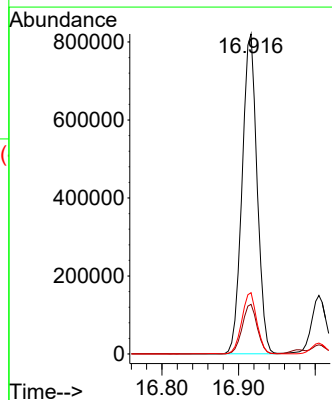
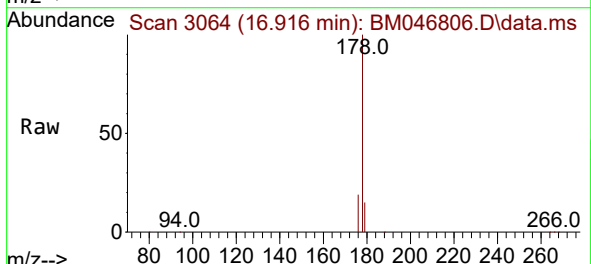
Instrument :
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ClientSampleId :
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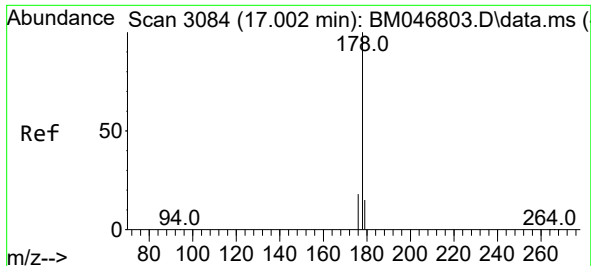
Tgt Ion:266 Resp: 366
Ion Ratio Lower Upper
266 100
264 63.1 51.1 76.7
268 65.0 51.8 77.6



#15
Phenanthrene
Concen: 19.070 ng/ul
RT: 16.916 min Scan# 3064
Delta R.T. 0.003 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

Tgt Ion:178 Resp: 1111250
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 19.2 16.1 24.1

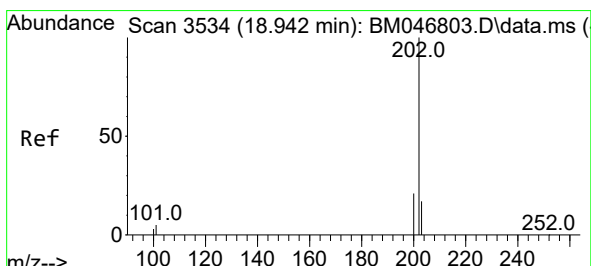
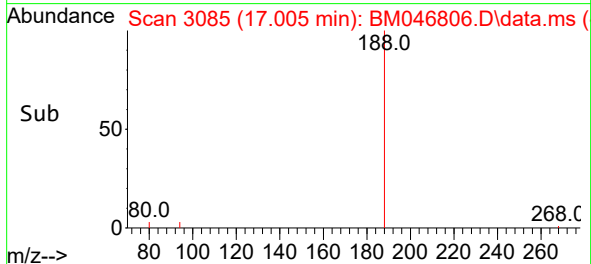
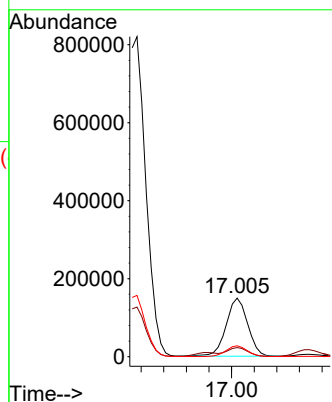
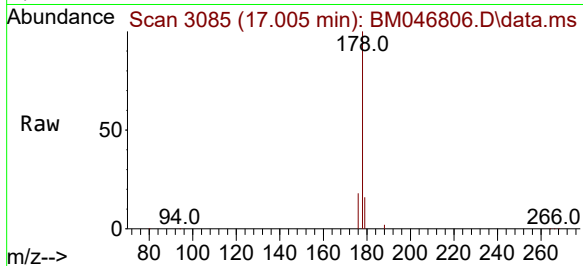




#16
 Anthracene
 Concen: 3.621 ng/ul
 RT: 17.005 min Scan# 3084
 Delta R.T. -0.001 min
 Lab File: BM046806.D
 Acq: 25 Jul 2024 19:00

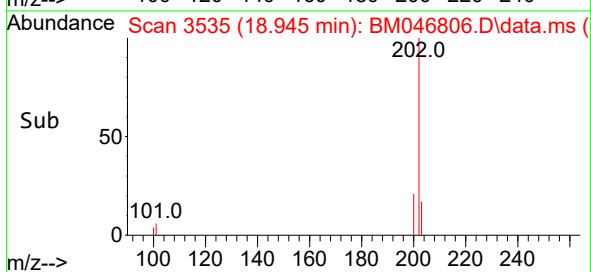
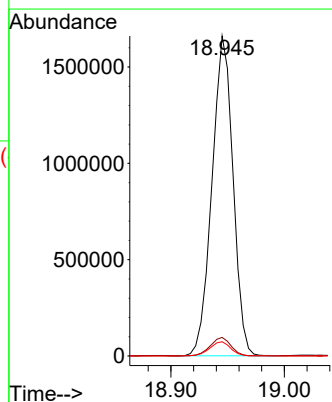
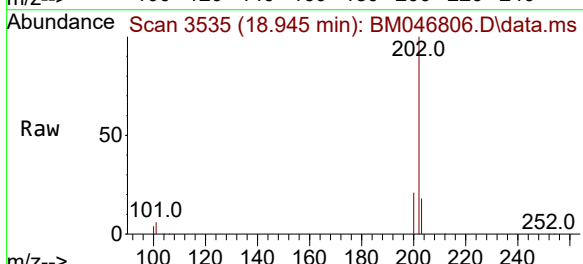
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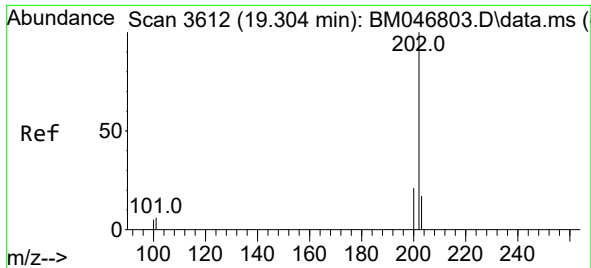
Tgt Ion:178 Resp: 196418
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.1 19.7
 176 18.5 15.0 22.6



#19
 Fluoranthene
 Concen: 49.216 ng/ul
 RT: 18.945 min Scan# 3535
 Delta R.T. 0.003 min
 Lab File: BM046806.D
 Acq: 25 Jul 2024 19:00

Tgt Ion:202 Resp: 2135114
 Ion Ratio Lower Upper
 202 100
 101 5.8 4.7 7.1
 100 4.4 3.4 5.2

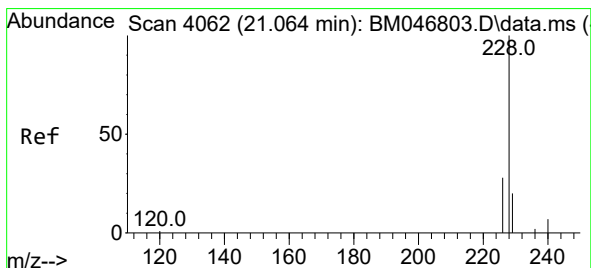
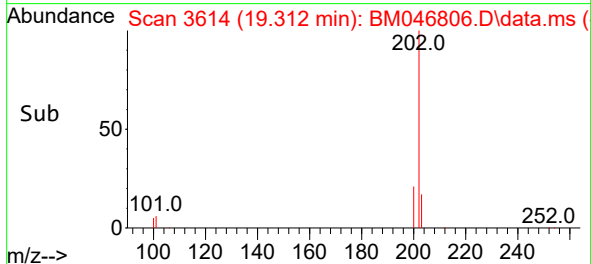
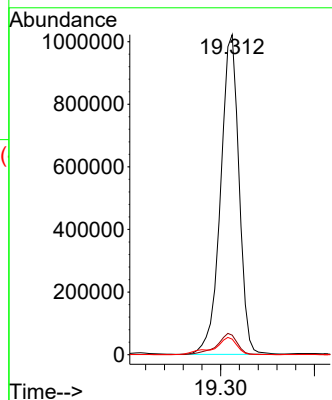
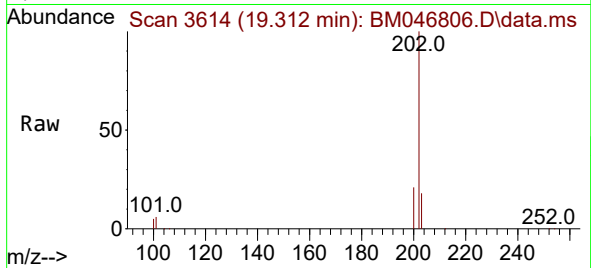




#20
 Pyrene
 Concen: 31.026 ng/ul
 RT: 19.312 min Scan# 3612
 Delta R.T. 0.008 min
 Lab File: BM046806.D
 Acq: 25 Jul 2024 19:00

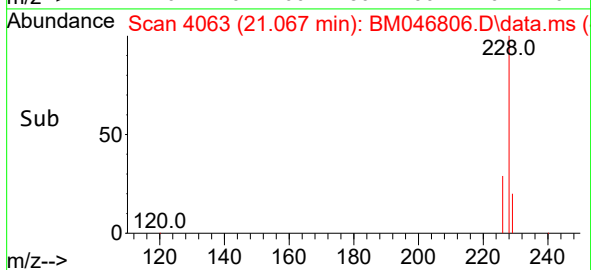
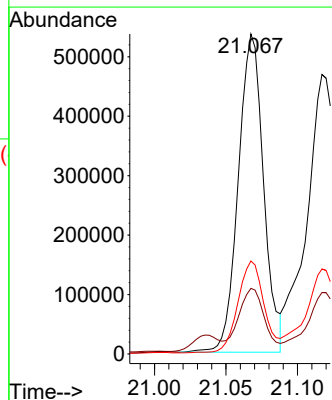
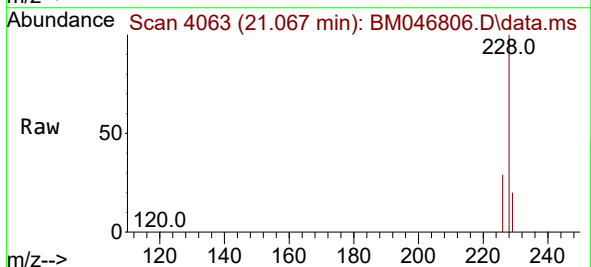
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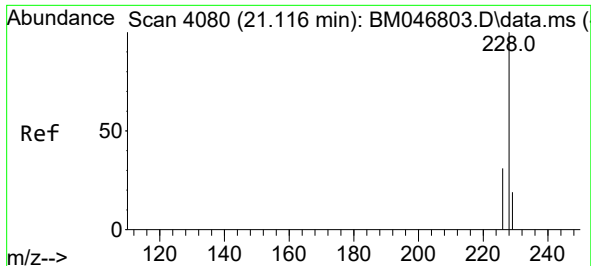
Tgt Ion:202 Resp: 1392342
 Ion Ratio Lower Upper
 202 100
 101 6.1 5.2 7.8
 100 4.9 4.3 6.5



#21
 Benzo(a)anthracene
 Concen: 15.988 ng/ul
 RT: 21.067 min Scan# 4063
 Delta R.T. 0.003 min
 Lab File: BM046806.D
 Acq: 25 Jul 2024 19:00

Tgt Ion:228 Resp: 658110
 Ion Ratio Lower Upper
 228 100
 229 20.5 16.3 24.5
 226 29.0 22.3 33.5

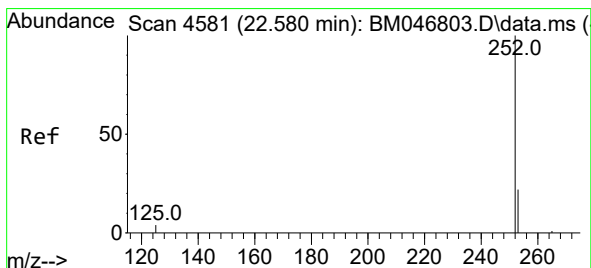
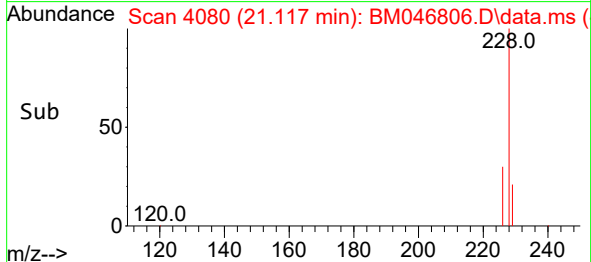
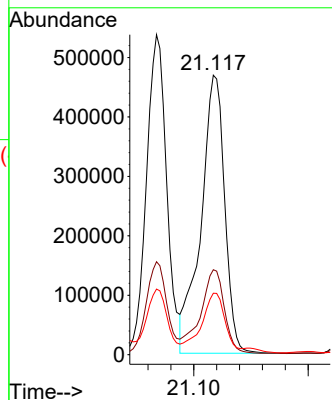
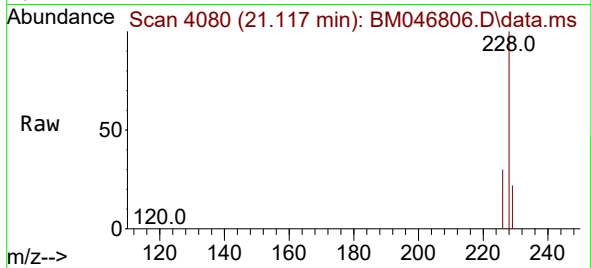




#22
Chrysene
Concen: 16.132 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.001 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

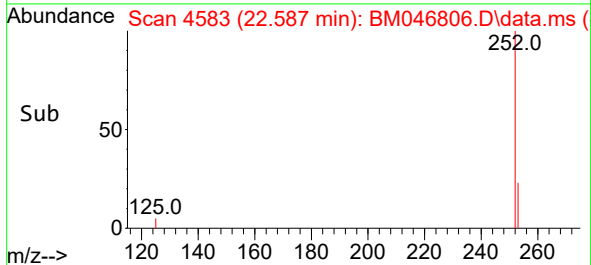
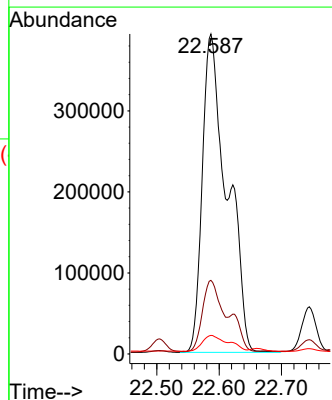
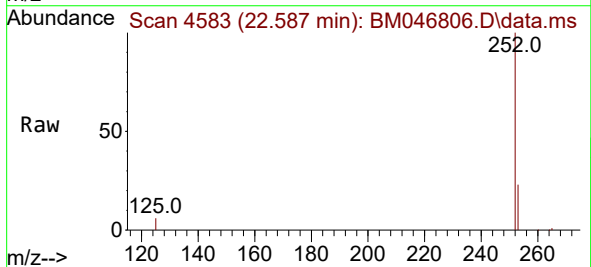
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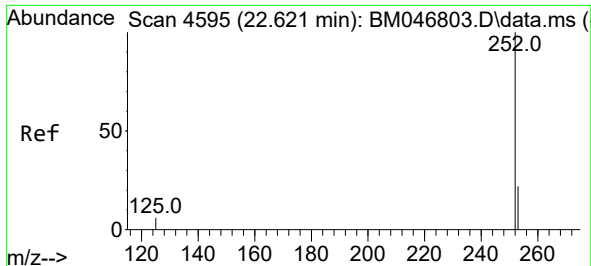
Tgt Ion:228 Resp: 674538
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 22.0 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 24.706 ng/ul
RT: 22.587 min Scan# 4583
Delta R.T. 0.006 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

Tgt Ion:252 Resp: 1086709
Ion Ratio Lower Upper
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253 23.0 0.0 56.4
125 5.8 0.0 15.8

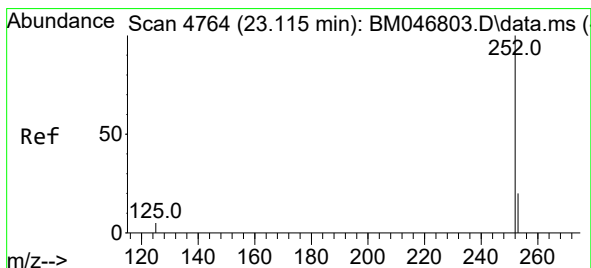
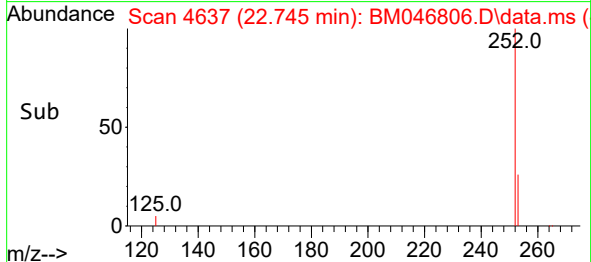
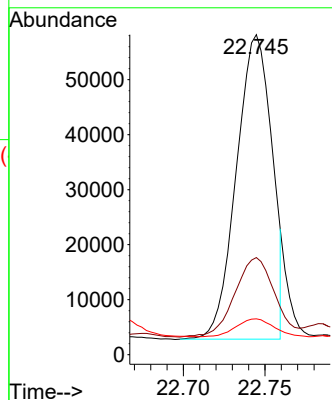
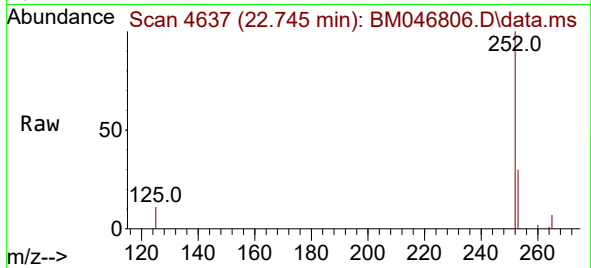




#25
Benzo(k)fluoranthene
Concen: 1.886 ng/ul
RT: 22.745 min Scan# 4637
Delta R.T. 0.123 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

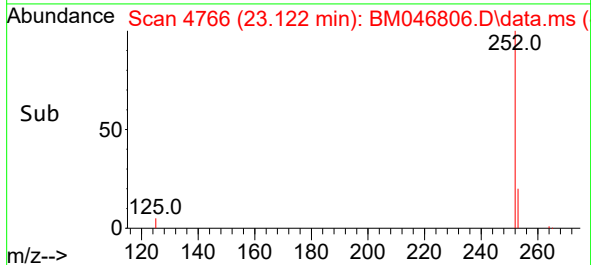
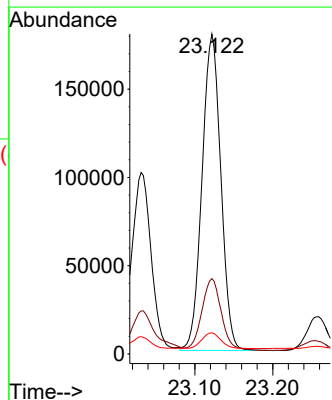
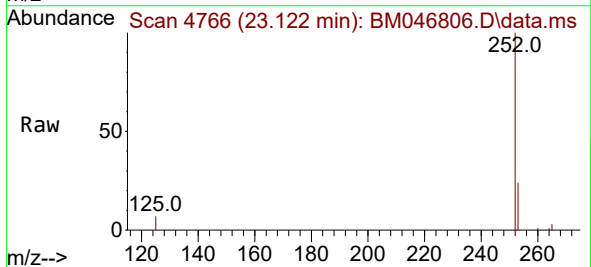
Instrument :
BNA_M
ClientSampleId :
A4BA2

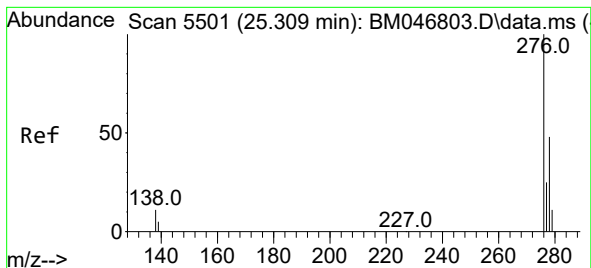
Tgt Ion:252 Resp: 83589
Ion Ratio Lower Upper
252 100
253 30.4 23.5 35.3
125 11.2 8.6 13.0



#26
Benzo(a)pyrene
Concen: 9.493 ng/ul
RT: 23.122 min Scan# 4766
Delta R.T. 0.003 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

Tgt Ion:252 Resp: 299779
Ion Ratio Lower Upper
252 100
253 23.6 26.0 39.0#
125 6.6 7.8 11.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 6.113 ng/ul

RT: 25.320 min Scan# 5504

Delta R.T. 0.004 min

Lab File: BM046806.D

Acq: 25 Jul 2024 19:00

Instrument :

BNA_M

ClientSampleId :

A4BA2

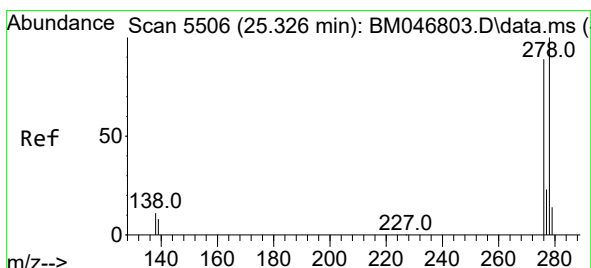
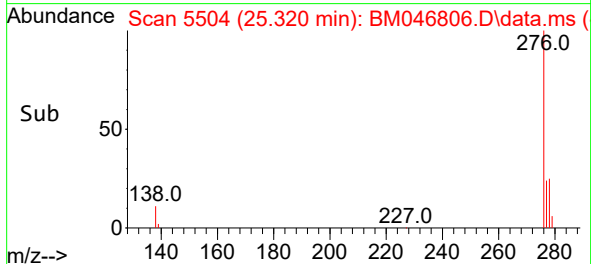
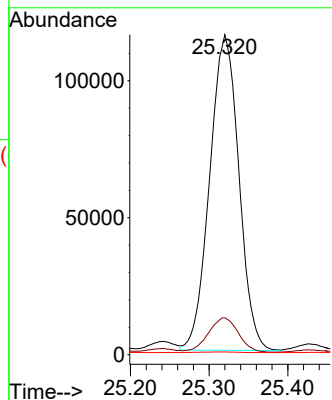
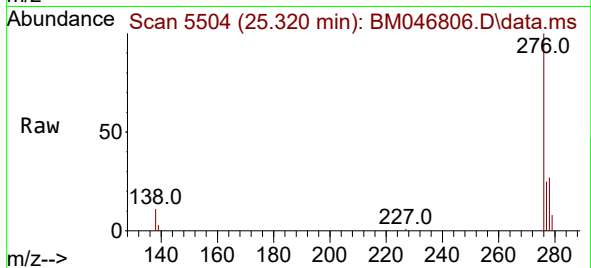
Tgt Ion:276 Resp: 297106

Ion Ratio Lower Upper

276 100

138 11.2 9.7 14.5

227 0.3 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 2.627 ng/ul

RT: 25.327 min Scan# 5506

Delta R.T. -0.006 min

Lab File: BM046806.D

Acq: 25 Jul 2024 19:00

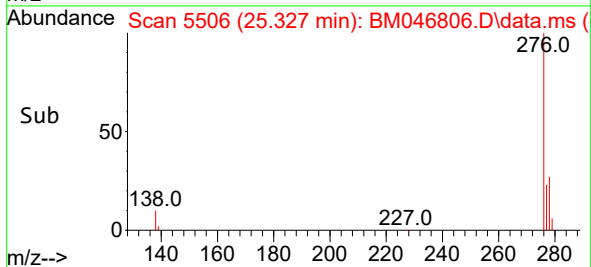
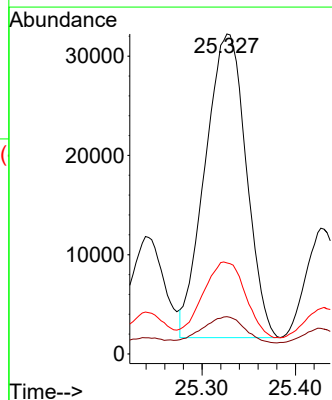
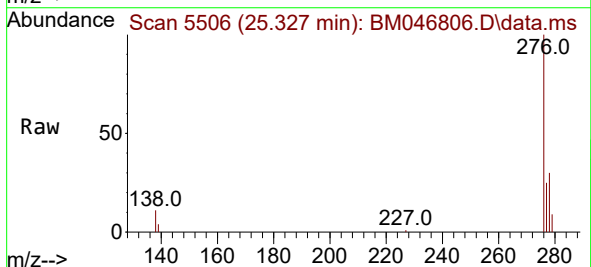
Tgt Ion:278 Resp: 93475

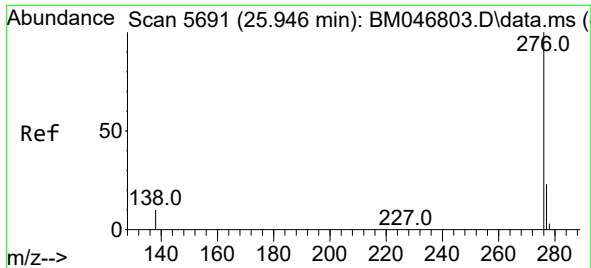
Ion Ratio Lower Upper

278 100

139 11.7 9.8 14.8

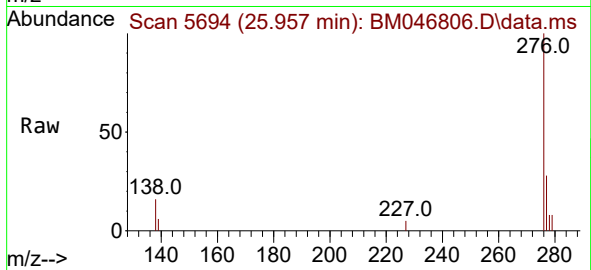
279 28.4 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 1.081 ng/ul
RT: 25.957 min Scan# 50
Delta R.T. 0.004 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

Instrument :
BNA_M
ClientSampleId :
A4BA2



Tgt Ion:276 Resp: 46254
Ion Ratio Lower Upper
276 100
138 15.6 9.5 14.3#
277 28.4 20.9 31.3

