

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
 Data File : BM041757.D
 Acq On : 09 Sep 2023 19:56
 Operator : MA/JU
 Sample : 04247-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJ81

Quant Time: Sep 09 23:34:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

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

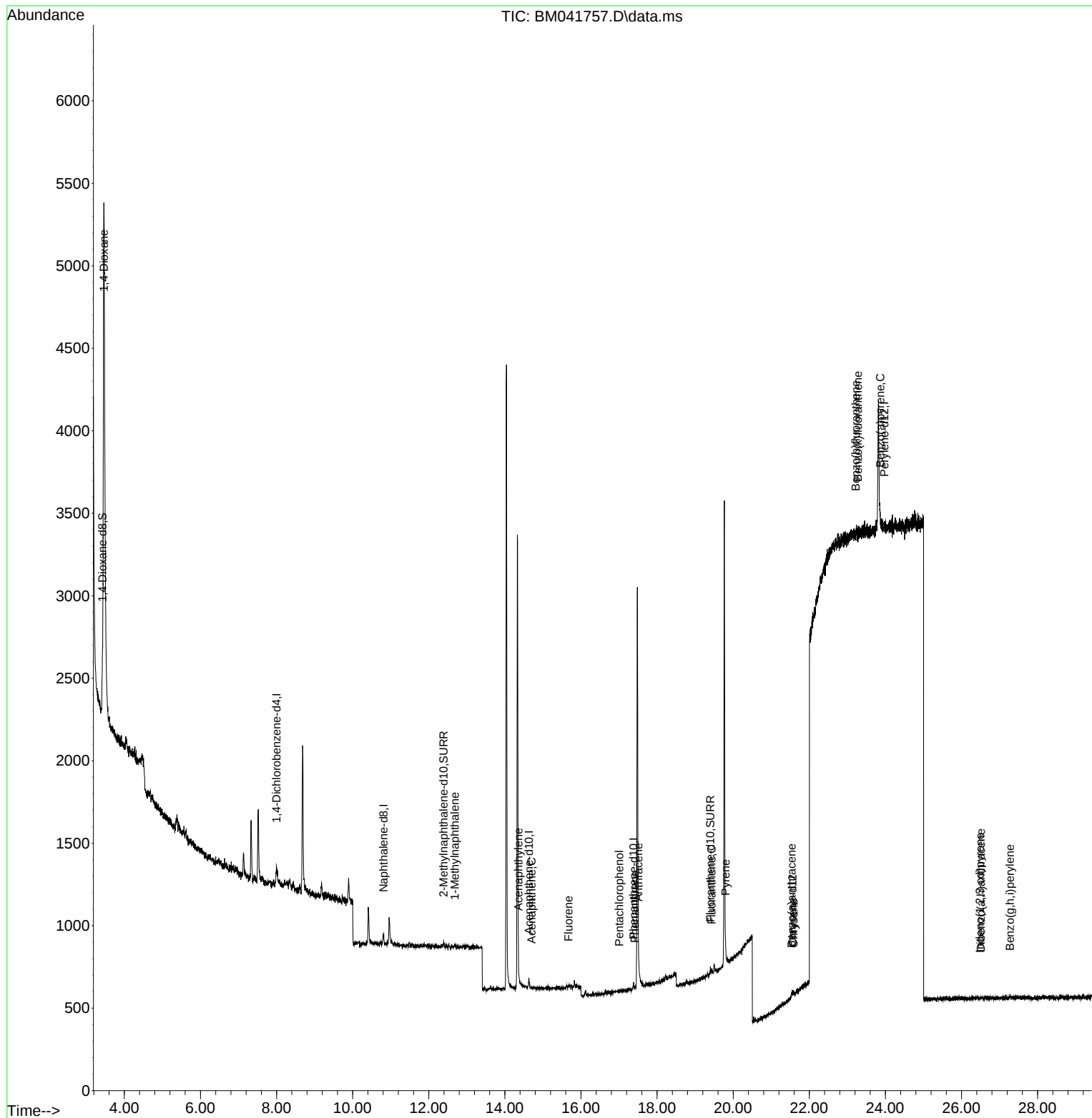
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	58	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.812	136	89	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.634	164	29	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.383	188	59	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.556	240	22	0.400	ng/ul	# 0.00
23) Perylene-d12	23.974	264	9	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.427	96	407	4.592	ng/ul	0.03
6) 2-Methylnaphthalene-d10	12.390	152	38	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	32	0.300	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.465	88	3011	32.699	ng/ul#	86
8) 1-Methylnaphthalene	12.682	142	7	0.042	ng/ul#	48
10) Acenaphthylene	14.356	152	4	0.022	ng/ul#	1
11) Acenaphthene	14.698	153	4	0.029	ng/ul#	76
12) Fluorene	15.670	166	18	0.115	ng/ul#	53
14) Pentachlorophenol	17.008	266	2	0.085	ng/ul#	51
15) Phenanthrene	17.413	178	18	0.072	ng/ul#	1
16) Anthracene	17.510	178	41	0.192	ng/ul#	1
19) Fluoranthene	19.431	202	39	0.150	ng/ul#	1
20) Pyrene	19.798	202	58	0.225	ng/ul#	1
21) Benzo(a)anthracene	21.536	228	13	0.072	ng/ul#	1
22) Chrysene	21.585	228	11	0.057	ng/ul#	1
24) Benzo(b)fluoranthene	23.216	252	15	0.186	ng/ul#	1
25) Benzo(k)fluoranthene	23.278	252	30	0.381	ng/ul#	1
26) Benzo(a)pyrene	23.863	252	21	0.321	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.485	276	4	0.045	ng/ul#	70
28) Dibenzo(a,h)anthracene	26.508	278	8	0.127	ng/ul#	1
29) Benzo(g,h,i)perylene	27.269	276	13	0.163	ng/ul#	1

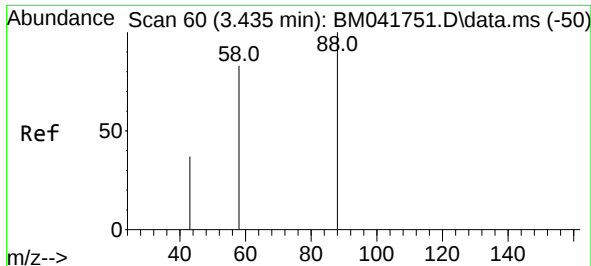
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 09 23:34:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
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QLast Update : Sat Sep 09 23:26:58 2023
Response via : Initial Calibration

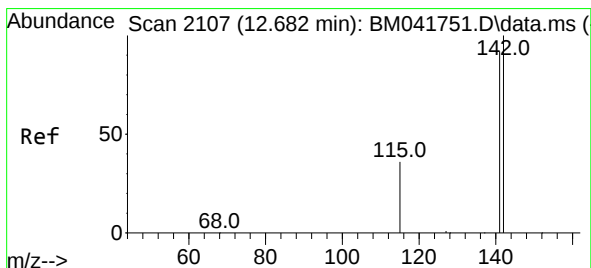
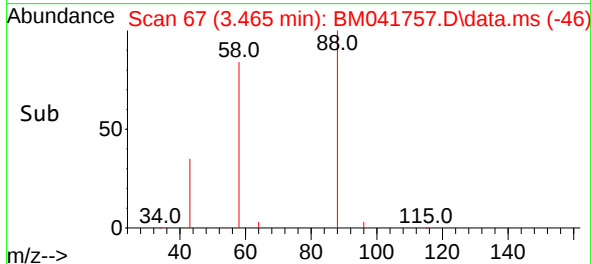
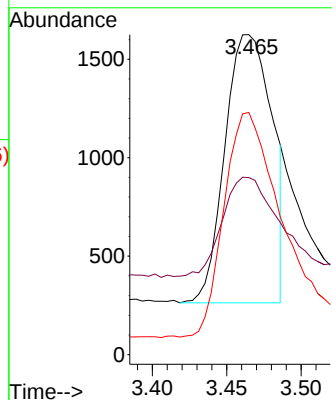
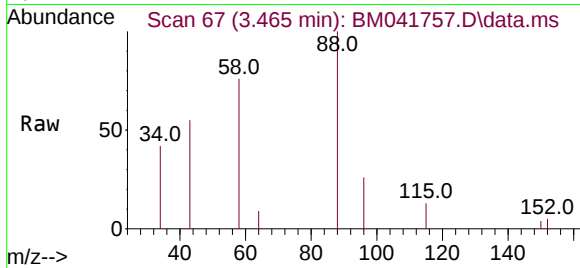




#2
1,4-Dioxane
Concen: 32.699 ng/ul
RT: 3.465 min Scan# 61
Delta R.T. 0.029 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

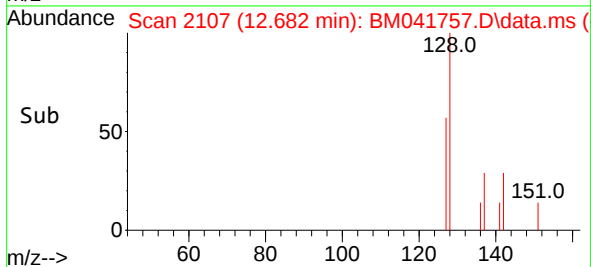
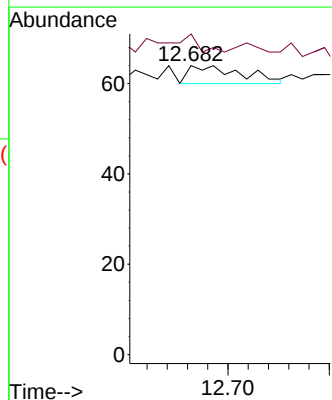
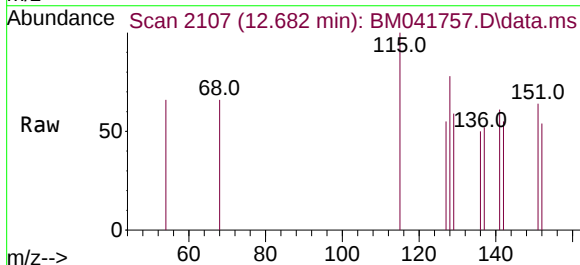
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BNA_M
ClientSampleId :
BBJ81

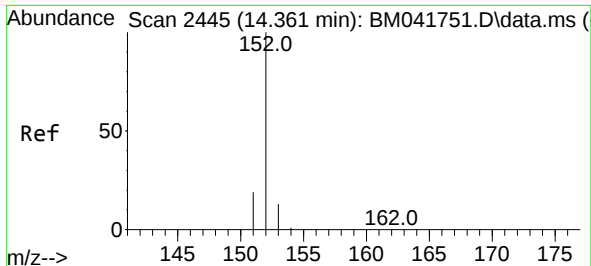
Tgt Ion: 88 Resp: 3011
Ion Ratio Lower Upper
88 100
43 55.3 33.8 50.6#
58 75.7 54.2 81.2



#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion: 142 Resp: 7
Ion Ratio Lower Upper
142 100
141 142.9 74.4 111.6#

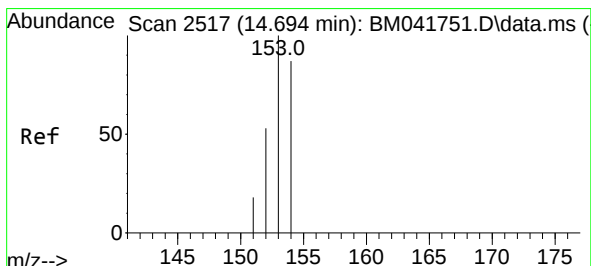
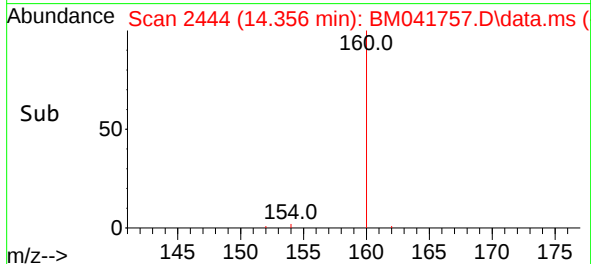
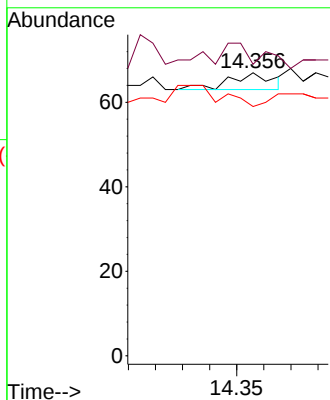
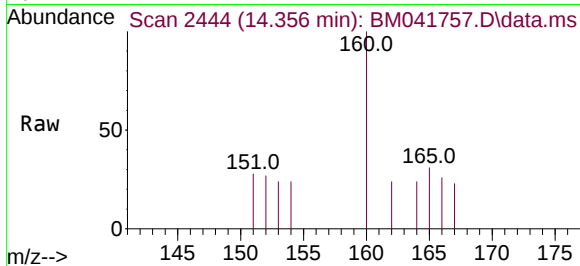




#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.356 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

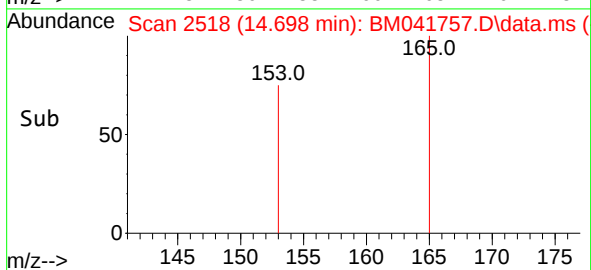
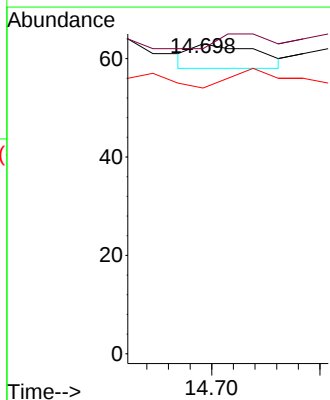
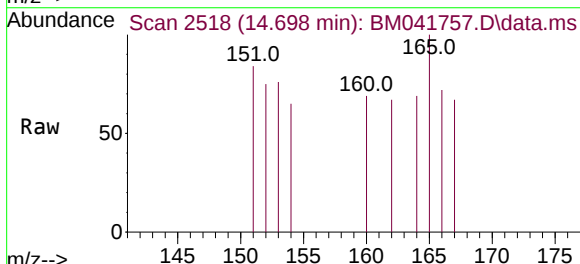
Instrument :
BNA_M
ClientSampleId :
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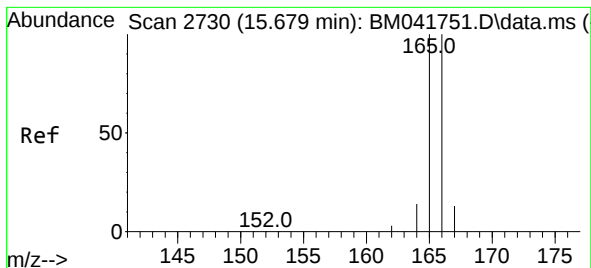
Tgt Ion:152 Resp: 4
Ion Ratio Lower Upper
152 100
151 103.0 16.4 24.6#
153 88.1 11.1 16.7#



#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.698 min Scan# 2518
Delta R.T. 0.005 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:153 Resp: 4
Ion Ratio Lower Upper
153 100
152 98.4 43.4 65.2#
154 85.7 69.4 104.0





#12

Fluorene

Concen: 0.115 ng/ul

RT: 15.670 min Scan# 21

Delta R.T. -0.009 min

Lab File: BM041757.D

Acq: 09 Sep 2023 19:56

Instrument :

BNA_M

ClientSampleId :

BBJ81

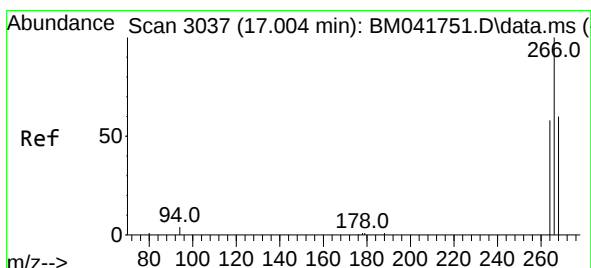
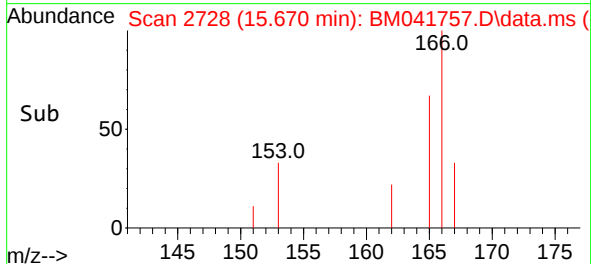
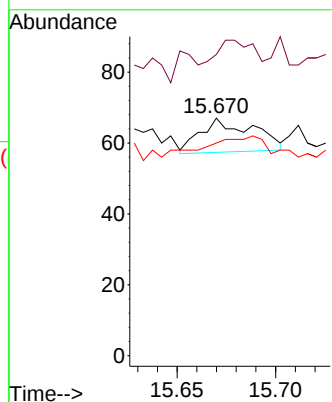
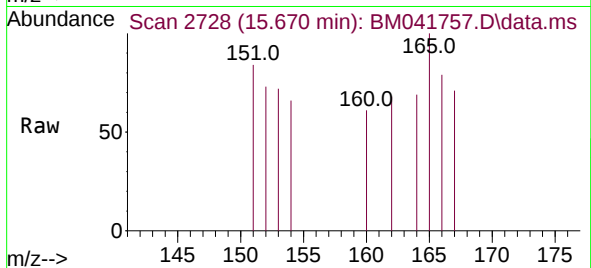
Tgt Ion:166 Resp: 18

Ion Ratio Lower Upper

166 100

165 126.9 79.4 119.2#

167 89.6 11.3 16.9#



#14

Pentachlorophenol

Concen: 0.085 ng/ul

RT: 17.008 min Scan# 3038

Delta R.T. 0.004 min

Lab File: BM041757.D

Acq: 09 Sep 2023 19:56

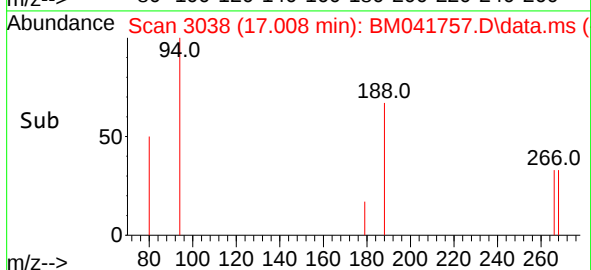
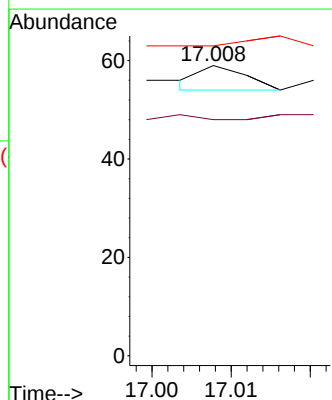
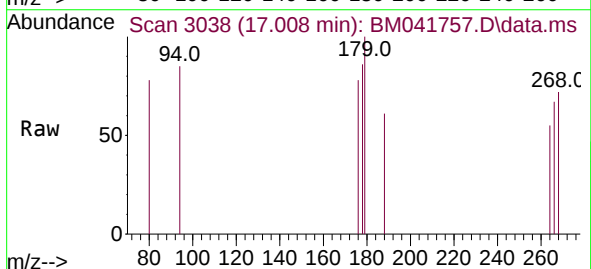
Tgt Ion:266 Resp: 2

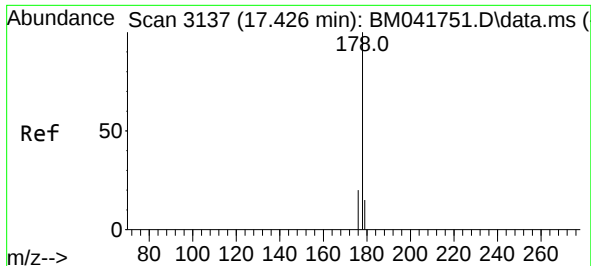
Ion Ratio Lower Upper

266 100

264 50.0 50.0 75.0

268 0.0 50.8 76.2#

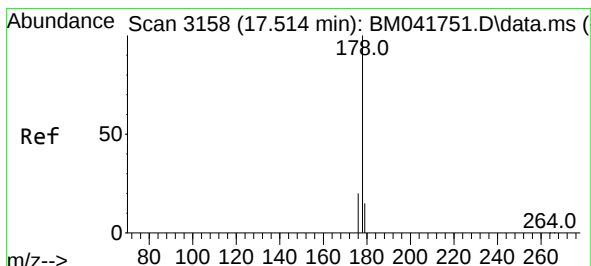
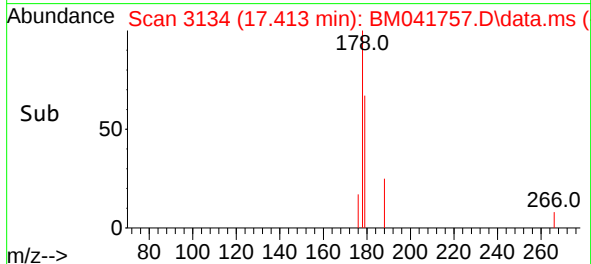
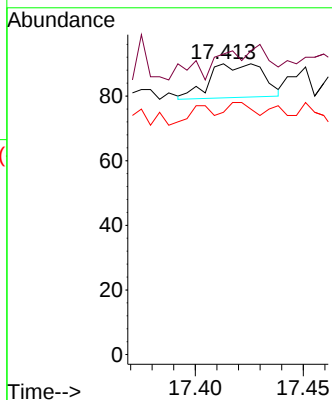
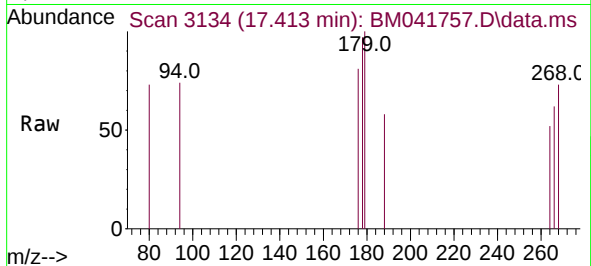




#15
Phenanthrene
Concen: 0.072 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.013 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

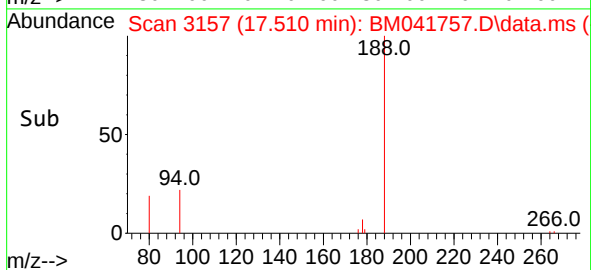
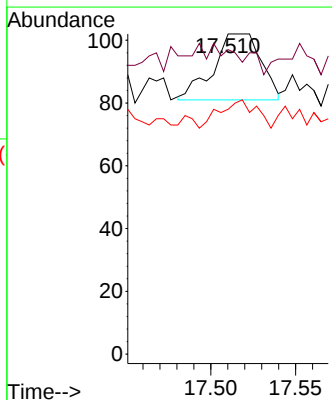
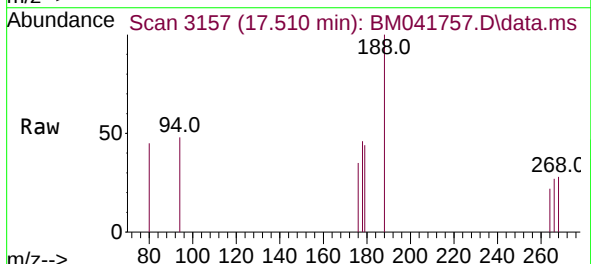
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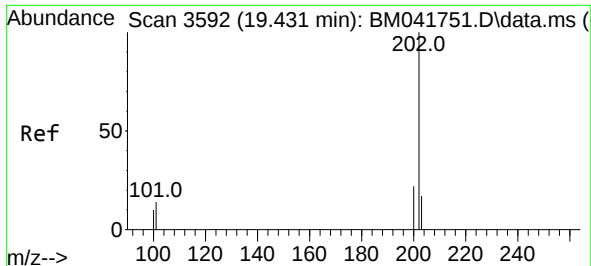
Tgt Ion:178 Resp: 18
Ion Ratio Lower Upper
178 100
179 103.3 12.9 19.3#
176 83.3 16.9 25.3#



#16
Anthracene
Concen: 0.192 ng/ul
RT: 17.510 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:178 Resp: 41
Ion Ratio Lower Upper
178 100
179 95.1 12.9 19.3#
176 76.5 15.8 23.8#

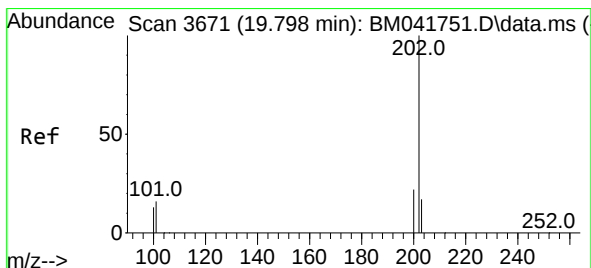
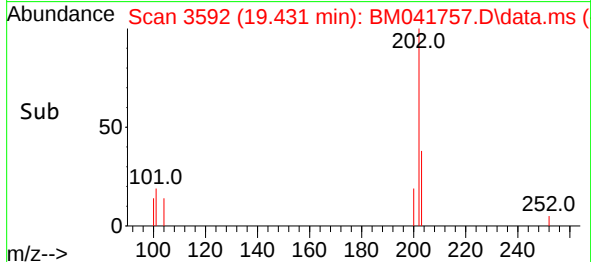
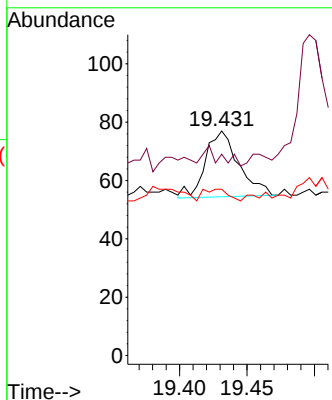
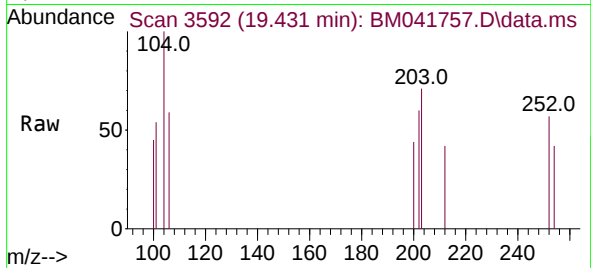




#19
Fluoranthene
Concen: 0.150 ng/ul
RT: 19.431 min Scan# 3592
Delta R.T. 0.000 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

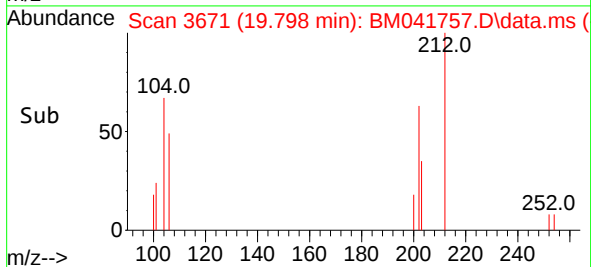
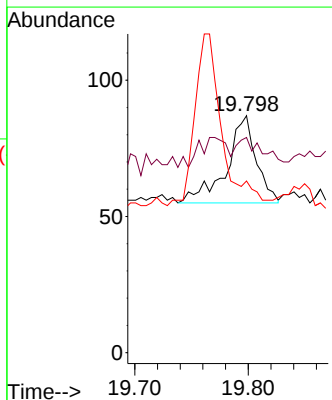
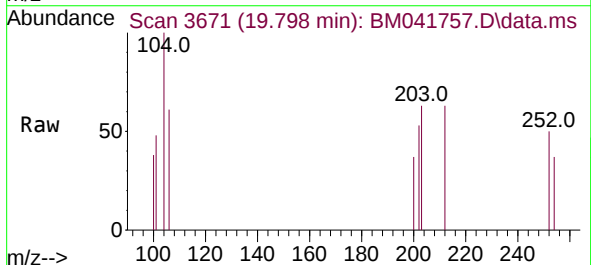
Instrument :
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ClientSampleId :
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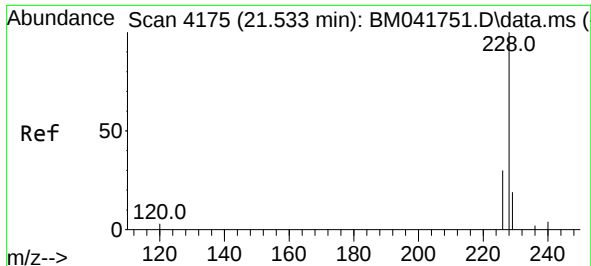
Tgt Ion:202 Resp: 39
Ion Ratio Lower Upper
202 100
101 89.6 10.5 15.7#
100 74.0 8.4 12.6#



#20
Pyrene
Concen: 0.225 ng/ul
RT: 19.798 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:202 Resp: 58
Ion Ratio Lower Upper
202 100
101 90.8 11.8 17.8#
100 72.4 9.8 14.6#

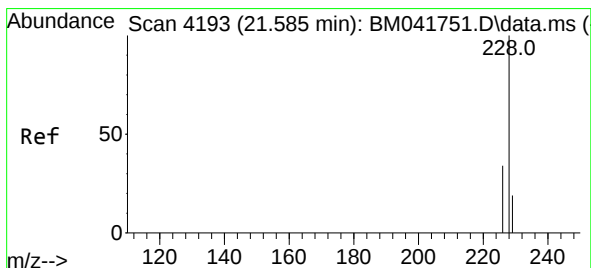
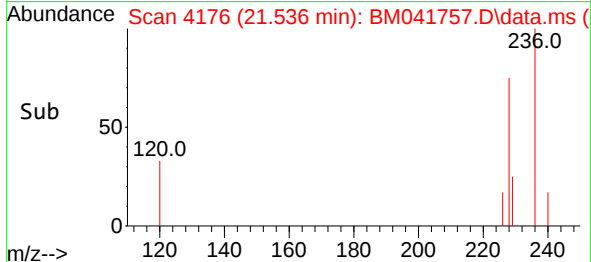
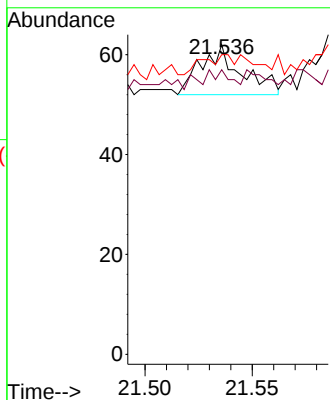
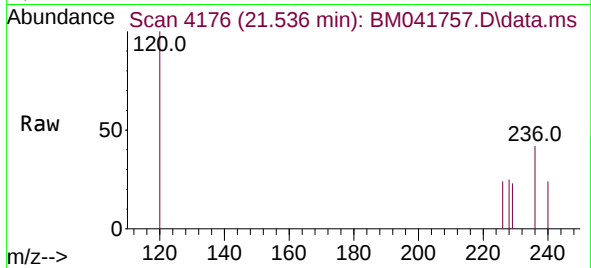




#21
Benzo(a)anthracene
Concen: 0.072 ng/ul
RT: 21.536 min Scan# 4175
Delta R.T. 0.003 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

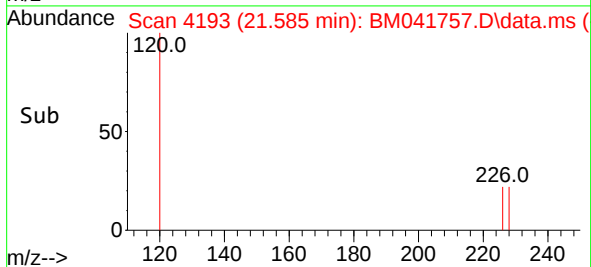
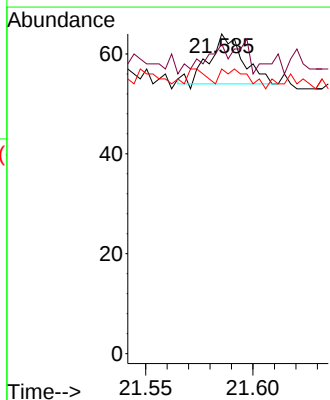
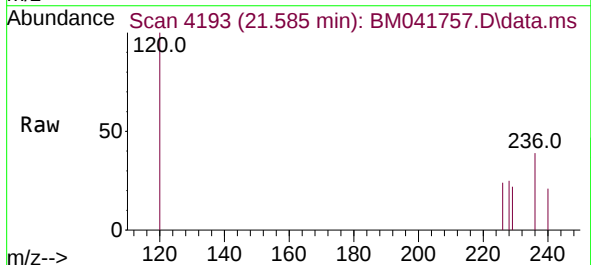
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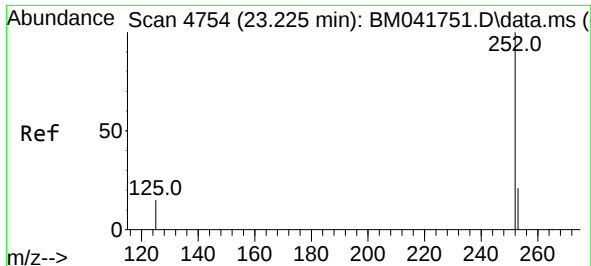
Tgt Ion:228 Resp: 13
Ion Ratio Lower Upper
228 100
229 91.9 15.8 23.6#
226 96.8 24.8 37.2#



#22
Chrysene
Concen: 0.057 ng/ul
RT: 21.585 min Scan# 4193
Delta R.T. 0.000 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

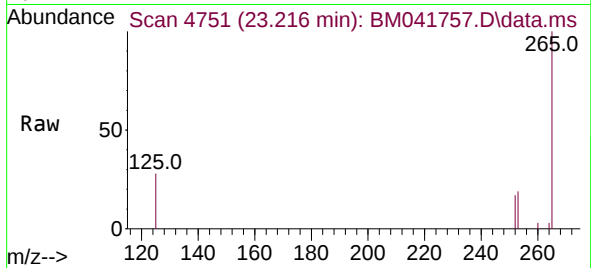
Tgt Ion:228 Resp: 11
Ion Ratio Lower Upper
228 100
226 96.9 27.0 40.6#
229 89.1 15.4 23.2#



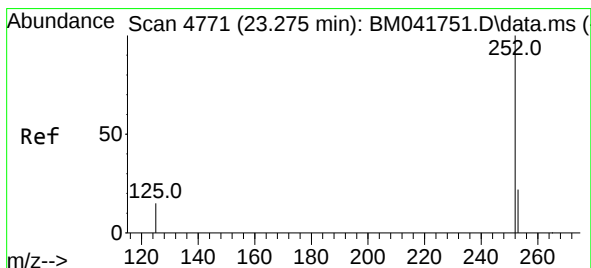
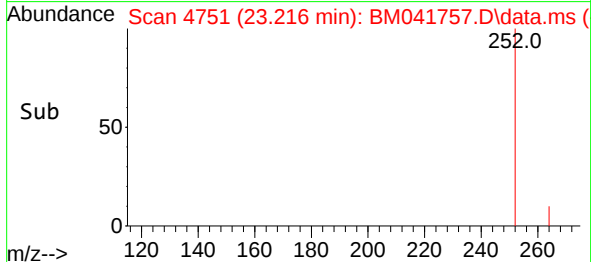
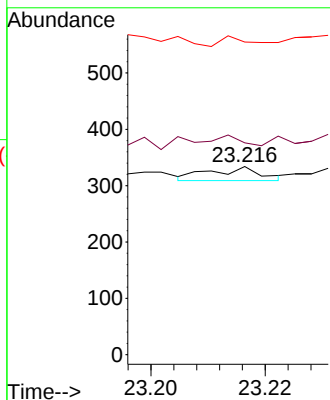


#24
Benzo(b)fluoranthene
Concen: 0.186 ng/ul
RT: 23.216 min Scan# 4751
Delta R.T. -0.009 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Instrument :
BNA_M
ClientSampleId :
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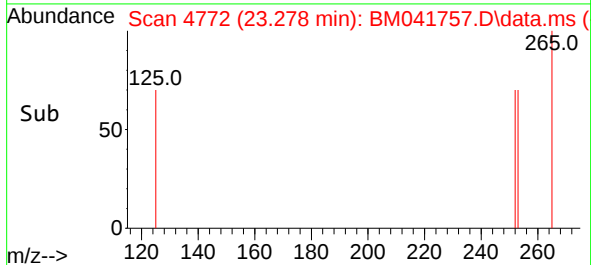
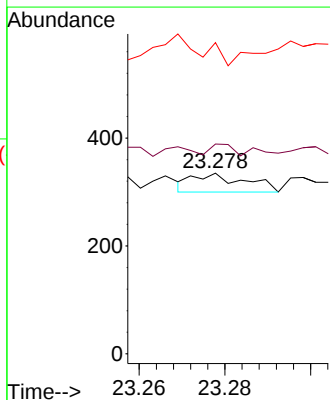
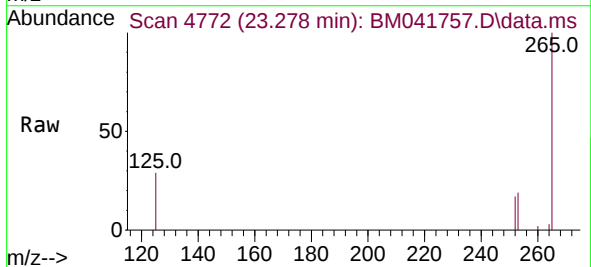


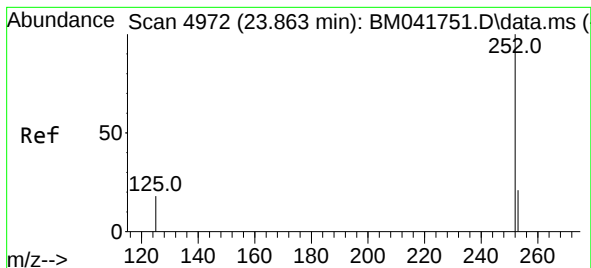
Tgt Ion:252 Resp: 15
Ion Ratio Lower Upper
252 100
253 112.6 0.0 52.4#
125 166.2 0.0 42.8#



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. 0.003 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:252 Resp: 30
Ion Ratio Lower Upper
252 100
253 116.1 21.3 31.9#
125 172.2 17.4 26.0#





#26

Benzo(a)pyrene

Concen: 0.321 ng/ul

RT: 23.863 min Scan# 4972

Delta R.T. 0.000 min

Lab File: BM041757.D

Acq: 09 Sep 2023 19:56

Instrument :

BNA_M

ClientSampleId :

BBJ81

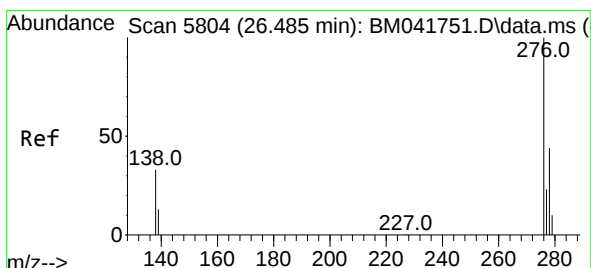
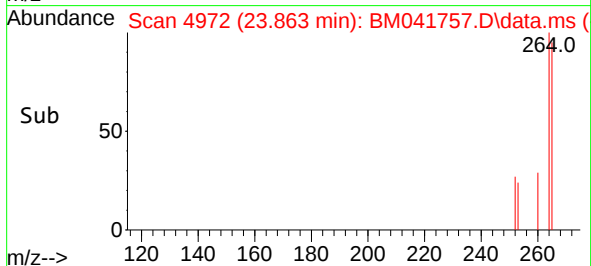
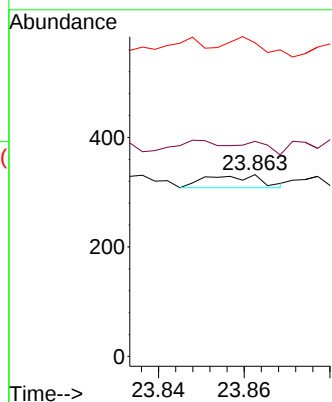
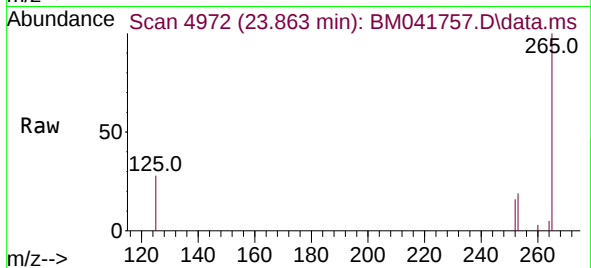
Tgt Ion:252 Resp: 21

Ion Ratio Lower Upper

252 100

253 118.4 22.4 33.6#

125 172.6 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.045 ng/ul

RT: 26.485 min Scan# 5804

Delta R.T. 0.000 min

Lab File: BM041757.D

Acq: 09 Sep 2023 19:56

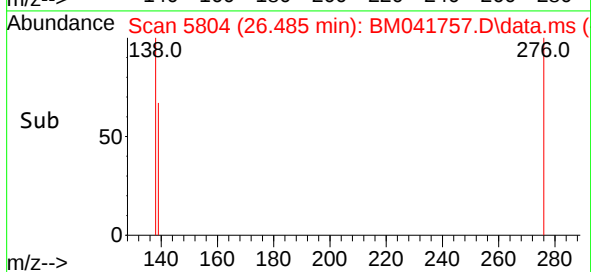
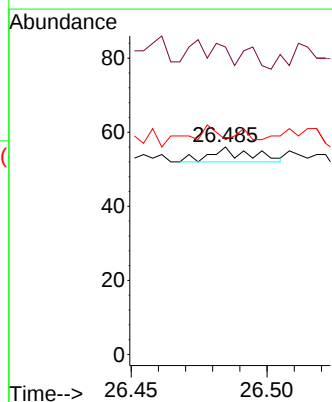
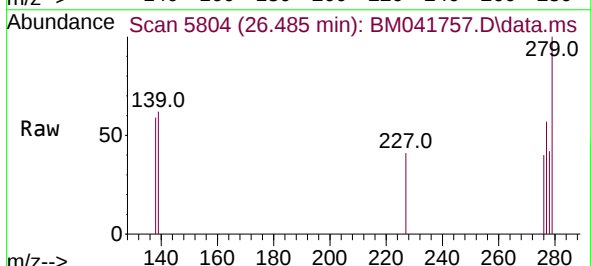
Tgt Ion:276 Resp: 4

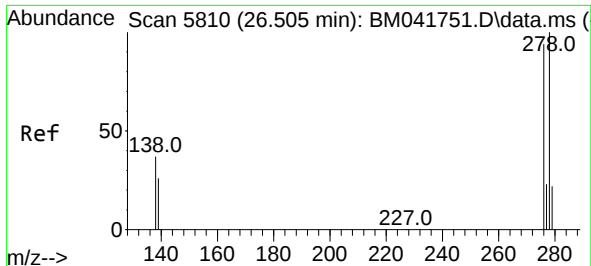
Ion Ratio Lower Upper

276 100

138 50.0 26.4 39.6#

227 25.0 0.1 0.1#

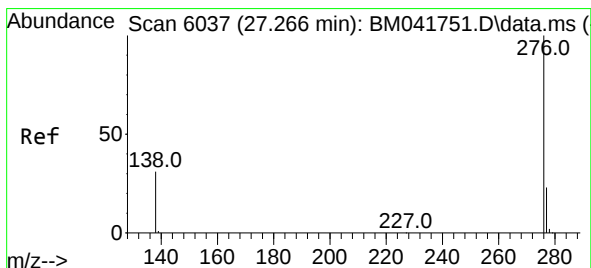
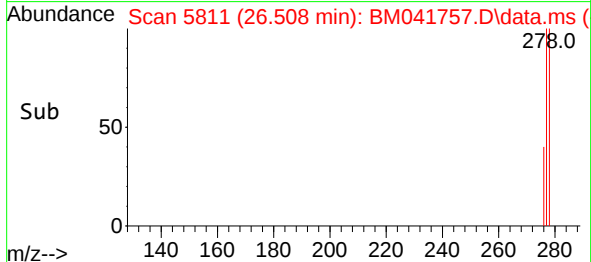
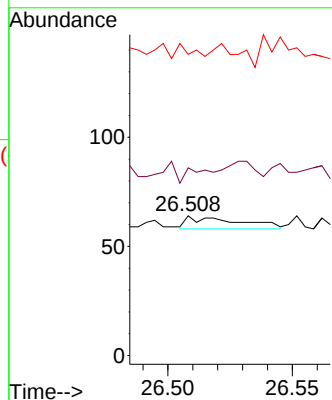
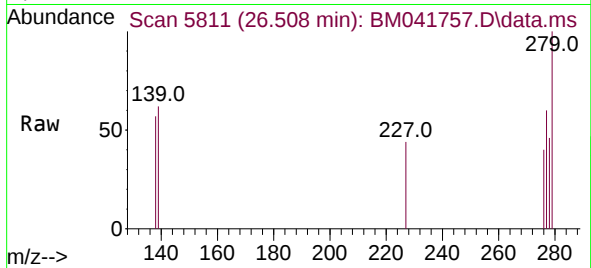




#28
Dibenzo(a,h)anthracene
Concen: 0.127 ng/ul
RT: 26.508 min Scan# 5810
Delta R.T. 0.003 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Instrument :
BNA_M
ClientSampleId :
BBJ81

Tgt Ion:278 Resp: 8
Ion Ratio Lower Upper
278 100
139 134.4 23.0 34.6#
279 215.6 22.9 34.3#



#29
Benzo(g,h,i)perylene
Concen: 0.163 ng/ul
RT: 27.269 min Scan# 6038
Delta R.T. 0.003 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:276 Resp: 13
Ion Ratio Lower Upper
276 100
138 143.9 25.0 37.4#
277 135.1 20.2 30.2#

