

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041671.D
 Acq On : 06 Sep 2023 22:56
 Operator : MA/JU
 Sample : 04113-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ0

Quant Time: Sep 07 00:25:14 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 : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

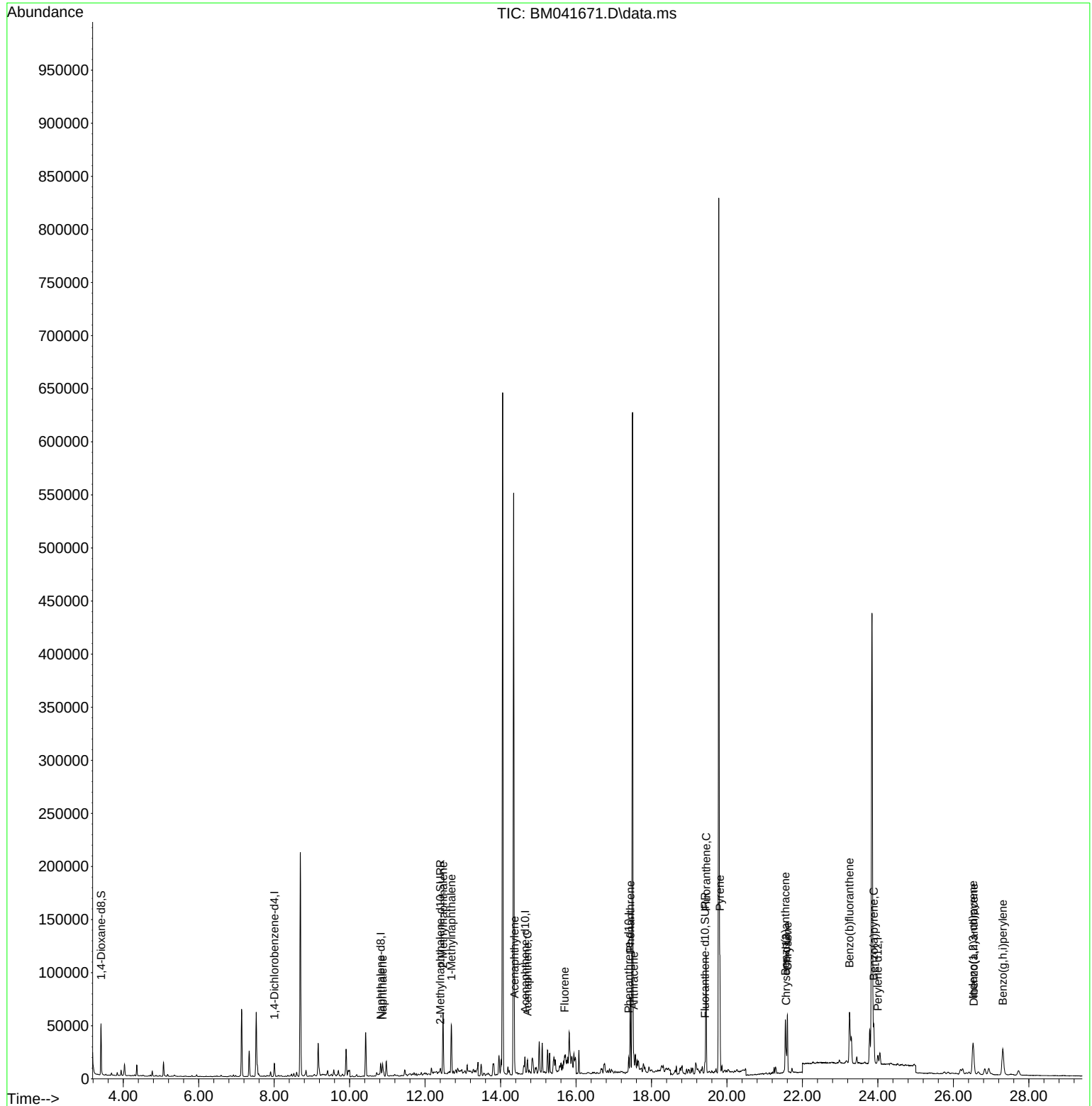
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.005	152	5772	0.400 ng/ul	0.00
4) Naphthalene-d8	10.823	136	14195	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.647	164	8162	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.396	188	15407	0.400 ng/ul	# 0.00
17) Chrysene-d12	21.565	240	8948	0.400 ng/ul	# 0.00
23) Perylene-d12	24.000	264	10573	0.400 ng/ul	# 0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.410	96	27200	3.083 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4295	0.235 ng/ul	0.00
18) Fluoranthene-d10	19.417	212	7681	0.177 ng/ul	0.00
Target Compounds					
					Qvalue
5) Naphthalene	10.873	128	16774	0.360 ng/ul	99
7) 2-Methylnaphthalene	12.478	142	40068	1.514 ng/ul	100
8) 1-Methylnaphthalene	12.693	142	29765	1.119 ng/ul	99
10) Acenaphthylene	14.370	152	5940	0.118 ng/ul#	34
11) Acenaphthene	14.712	153	8092	0.206 ng/ul	89
12) Fluorene	15.693	166	10019	0.228 ng/ul#	87
15) Phenanthrene	17.438	178	75417	1.159 ng/ul	98
16) Anthracene	17.531	178	13582	0.244 ng/ul#	86
19) Fluoranthene	19.445	202	92739	0.878 ng/ul	98
20) Pyrene	19.812	202	84673	0.807 ng/ul	98
21) Benzo(a)anthracene	21.547	228	42082	0.577 ng/ul	96
22) Chrysene	21.603	228	54958	0.698 ng/ul#	96
24) Benzo(b)fluoranthene	23.249	252	84401	0.892 ng/ul	88
26) Benzo(a)pyrene	23.892	252	49865	0.649 ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.522	276	53409	0.506 ng/ul	89
28) Dibenzo(a,h)anthracene	26.538	278	11879	0.161 ng/ul#	57
29) Benzo(g,h,i)perylene	27.310	276	54565	0.584 ng/ul	99

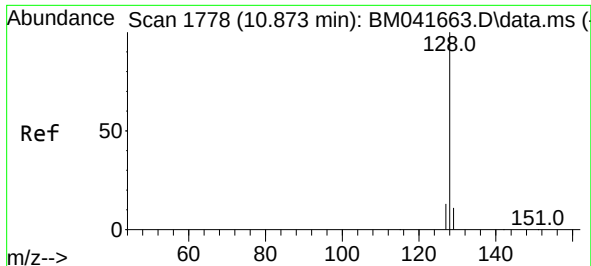
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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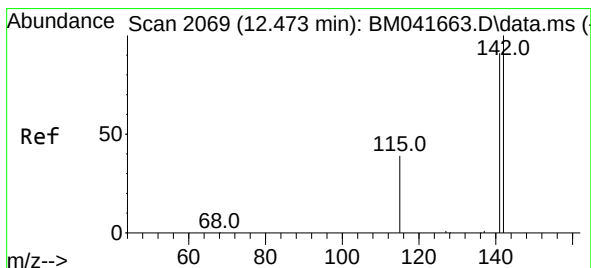
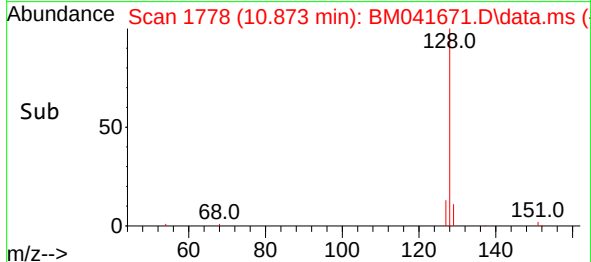
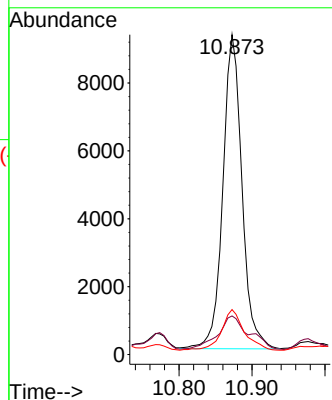
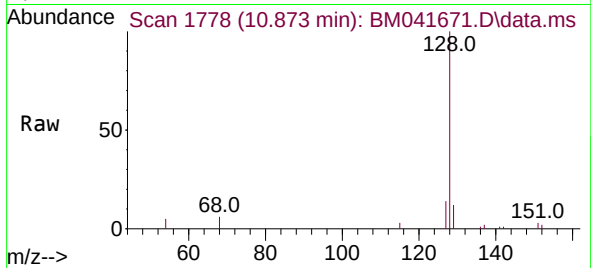




#5
Naphthalene
Concen: 0.360 ng/ul
RT: 10.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

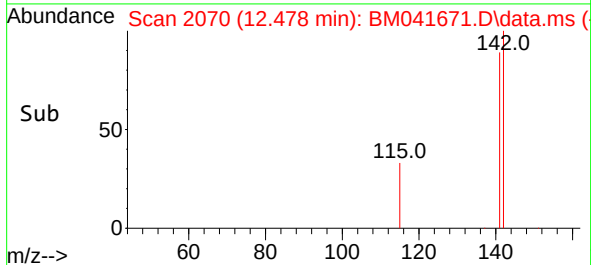
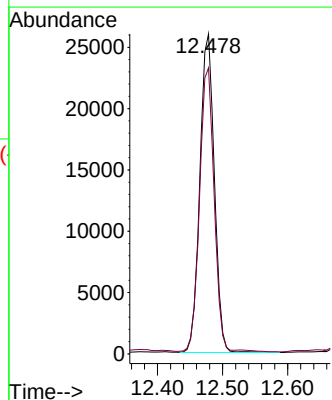
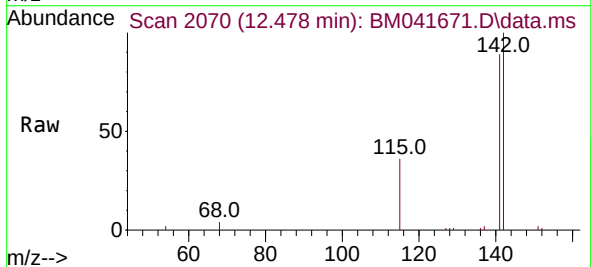
Instrument :
BNA_M
ClientSampleId :
EZYJ0

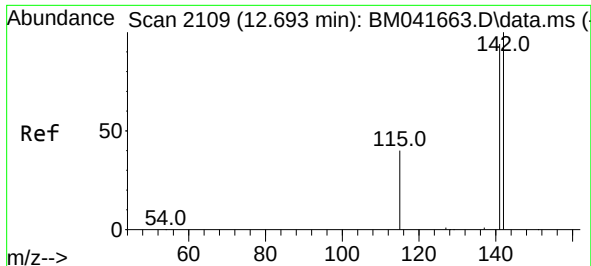
Tgt Ion:128 Resp: 16774
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 14.1 11.0 16.6



#7
2-Methylnaphthalene
Concen: 1.514 ng/ul
RT: 12.478 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

Tgt Ion:142 Resp: 40068
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2

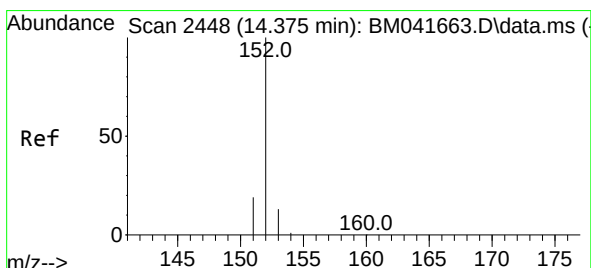
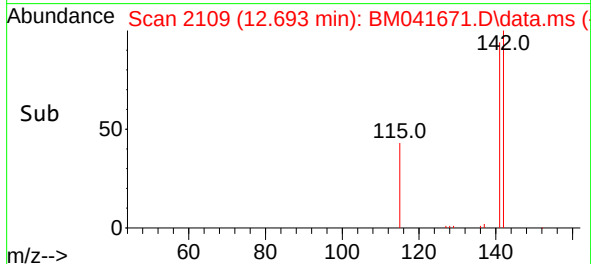
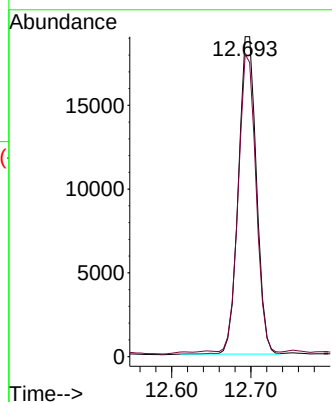
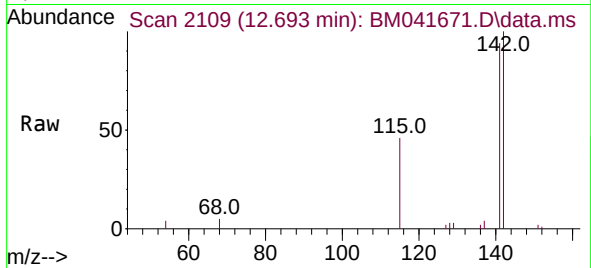




#8
1-Methylnaphthalene
Concen: 1.119 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

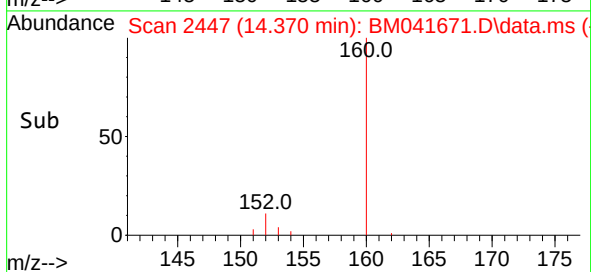
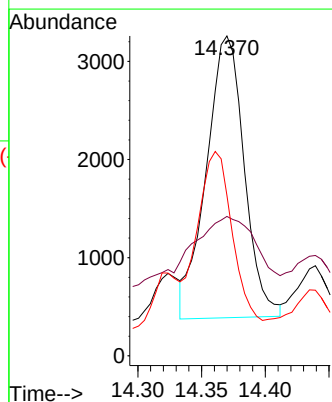
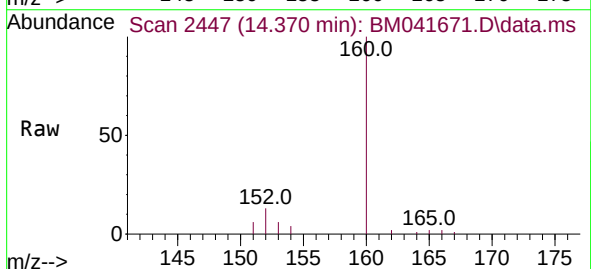
Instrument :
BNA_M
ClientSampleId :
EZYJ0

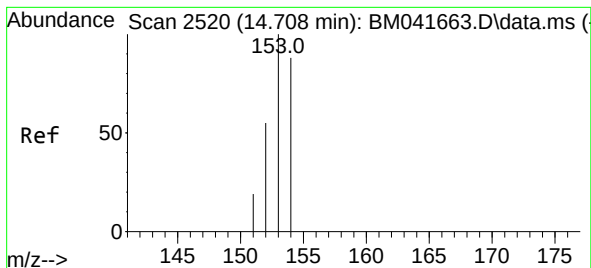
Tgt Ion:142 Resp: 29765
Ion Ratio Lower Upper
142 100
141 92.5 74.4 111.6



#10
Acenaphthylene
Concen: 0.118 ng/ul
RT: 14.370 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

Tgt Ion:152 Resp: 5940
Ion Ratio Lower Upper
152 100
151 43.6 16.4 24.6#
153 50.2 11.1 16.7#





#11

Acenaphthene

Concen: 0.206 ng/ul

RT: 14.712 min Scan# 2521

Delta R.T. -0.000 min

Lab File: BM041671.D

Acq: 06 Sep 2023 22:56

Instrument :

BNA_M

ClientSampleId :

EZYJ0

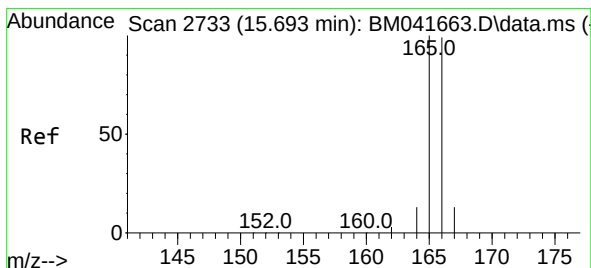
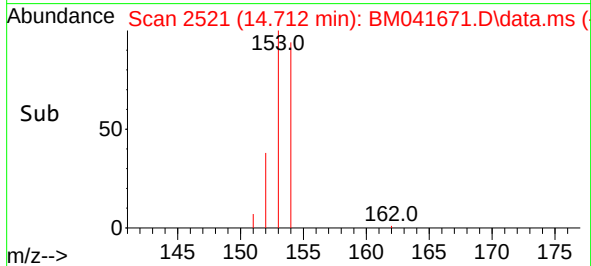
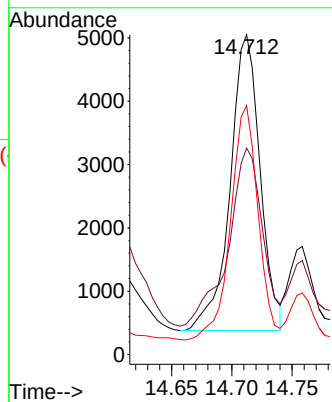
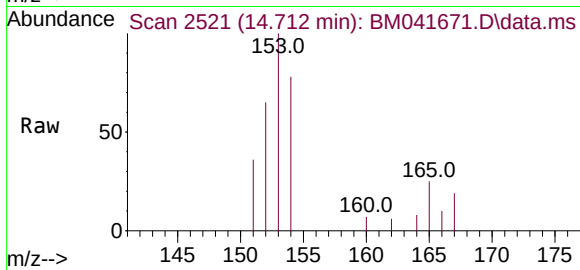
Tgt Ion:153 Resp: 8092

Ion Ratio Lower Upper

153 100

152 64.5 43.4 65.2

154 77.8 69.4 104.0



#12

Fluorene

Concen: 0.228 ng/ul

RT: 15.693 min Scan# 2733

Delta R.T. -0.005 min

Lab File: BM041671.D

Acq: 06 Sep 2023 22:56

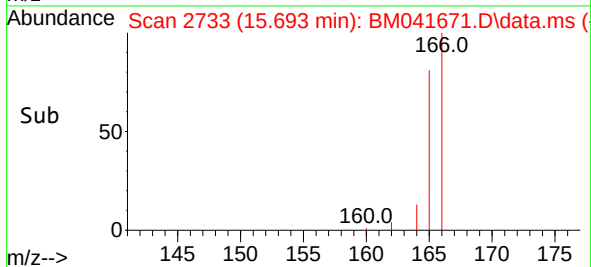
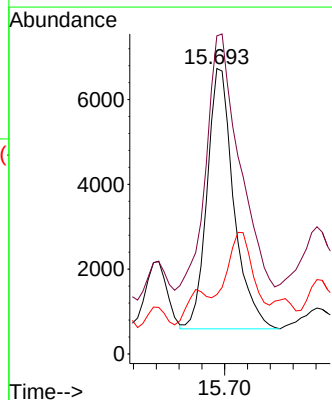
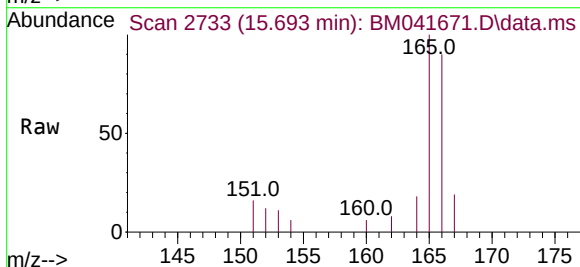
Tgt Ion:166 Resp: 10019

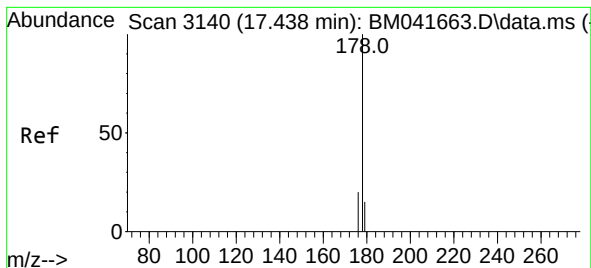
Ion Ratio Lower Upper

166 100

165 111.5 79.4 119.2

167 20.8 11.3 16.9#





#15

Phenanthrene

Concen: 1.159 ng/ul

RT: 17.438 min Scan# 3140

Delta R.T. -0.004 min

Lab File: BM041671.D

Acq: 06 Sep 2023 22:56

Instrument :

BNA_M

ClientSampleId :

EZYJ0

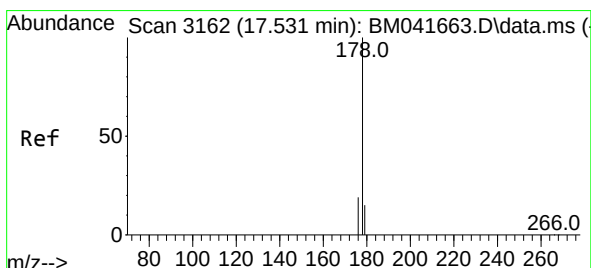
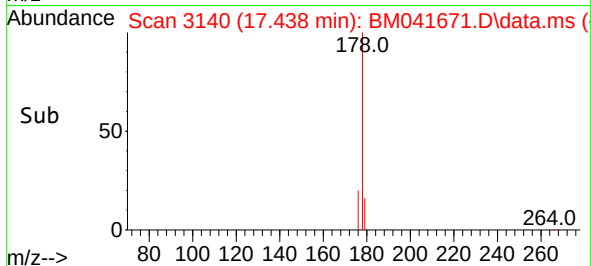
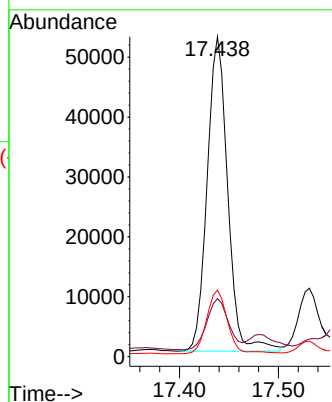
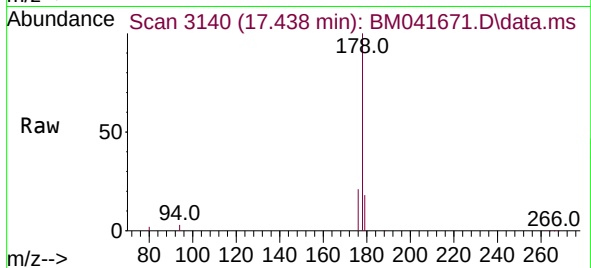
Tgt Ion:178 Resp: 75417

Ion Ratio Lower Upper

178 100

179 18.1 12.9 19.3

176 20.8 16.9 25.3



#16

Anthracene

Concen: 0.244 ng/ul

RT: 17.531 min Scan# 3162

Delta R.T. -0.004 min

Lab File: BM041671.D

Acq: 06 Sep 2023 22:56

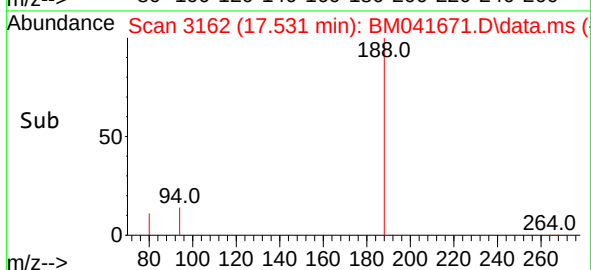
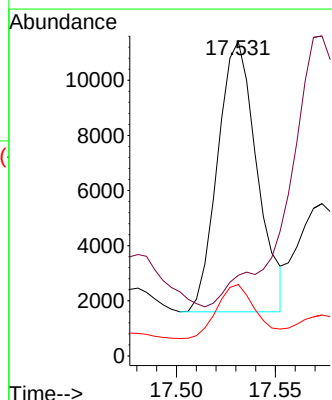
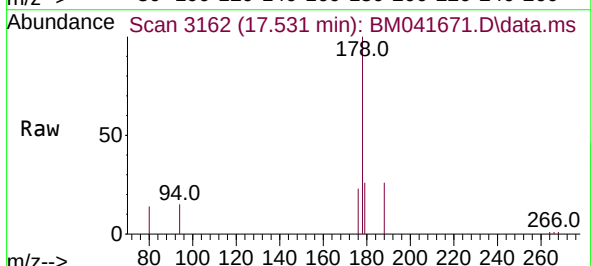
Tgt Ion:178 Resp: 13582

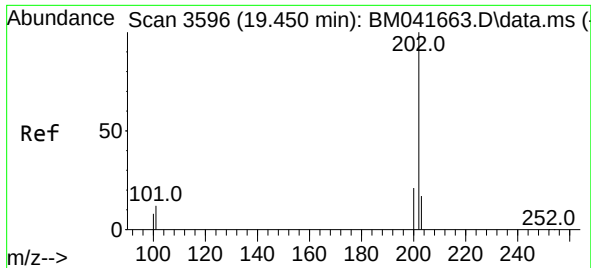
Ion Ratio Lower Upper

178 100

179 25.6 12.9 19.3#

176 22.7 15.8 23.8

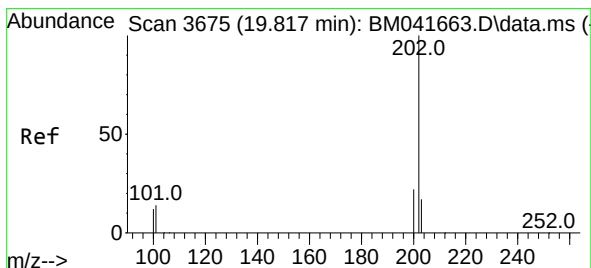
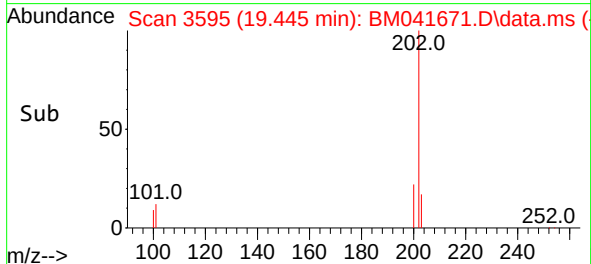
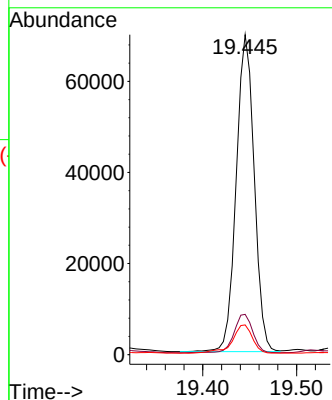
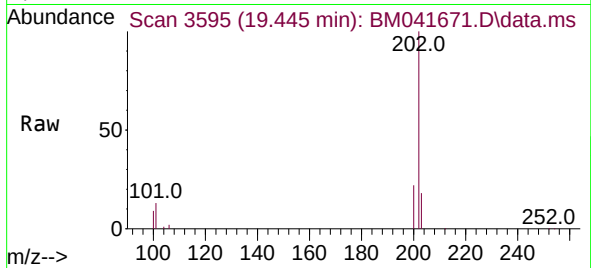




#19
Fluoranthene
Concen: 0.878 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

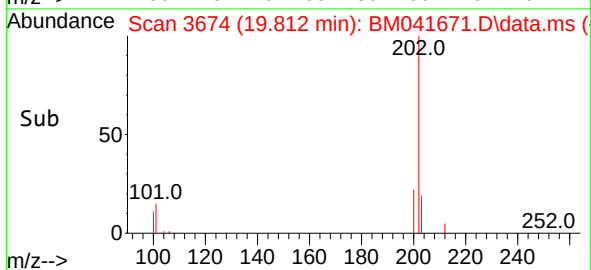
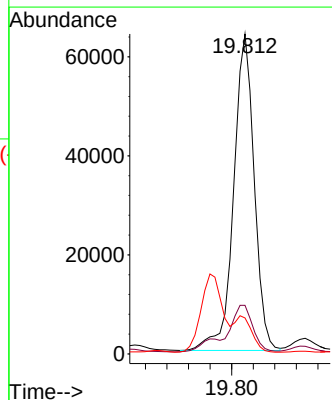
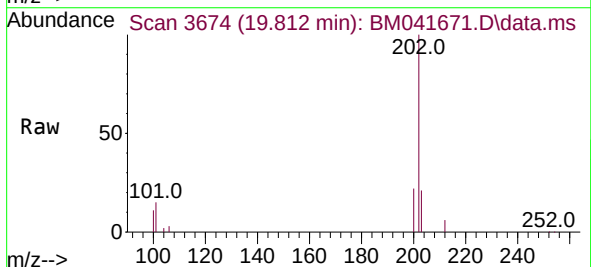
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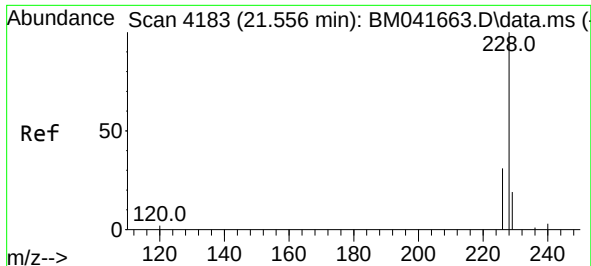
Tgt Ion:202 Resp: 92739
Ion Ratio Lower Upper
202 100
101 12.6 10.5 15.7
100 9.3 8.4 12.6



#20
Pyrene
Concen: 0.807 ng/ul
RT: 19.812 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

Tgt Ion:202 Resp: 84673
Ion Ratio Lower Upper
202 100
101 15.2 11.8 17.8
100 11.2 9.8 14.6

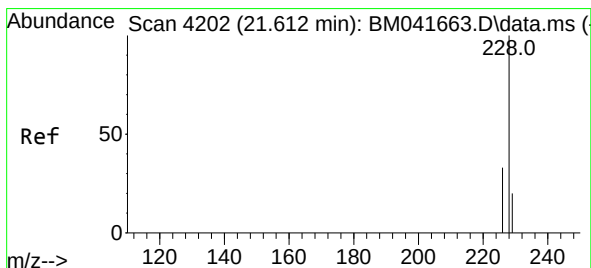
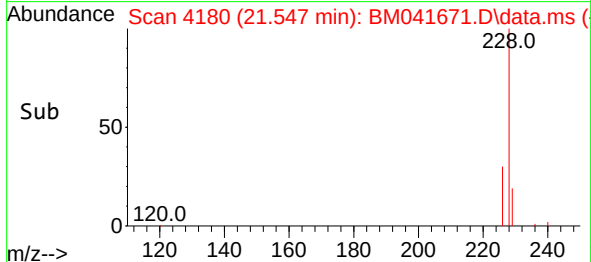
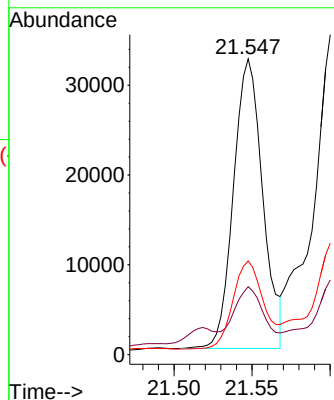
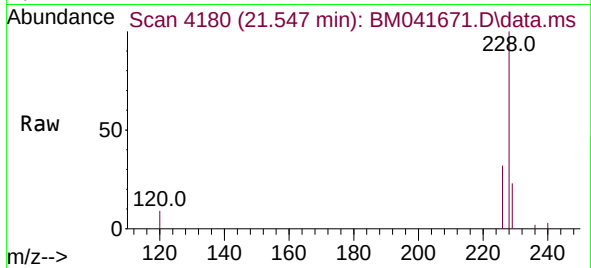




#21
Benzo(a)anthracene
Concen: 0.577 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

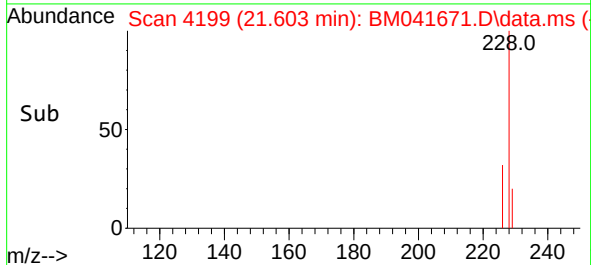
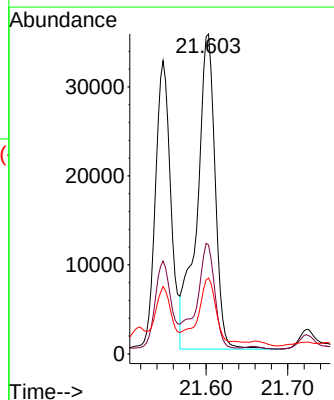
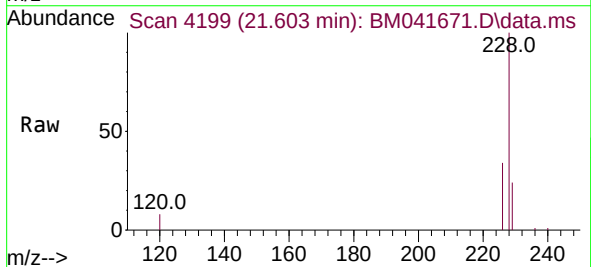
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ClientSampleId :
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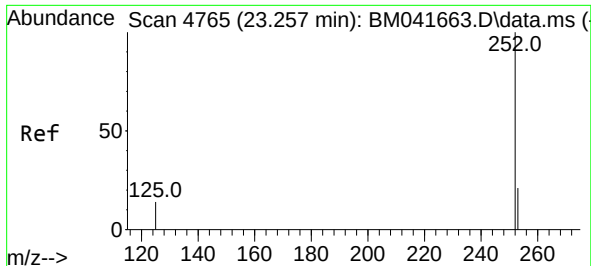
Tgt Ion:228 Resp: 42082
Ion Ratio Lower Upper
228 100
229 23.0 15.8 23.6
226 31.7 24.8 37.2



#22
Chrysene
Concen: 0.698 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.006 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

Tgt Ion:228 Resp: 54958
Ion Ratio Lower Upper
228 100
226 34.0 27.0 40.6
229 23.7 15.4 23.2#

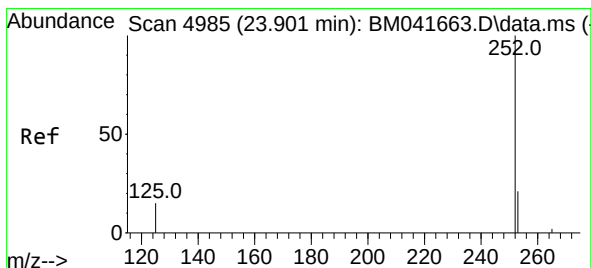
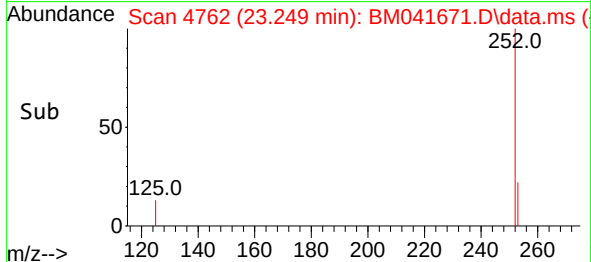
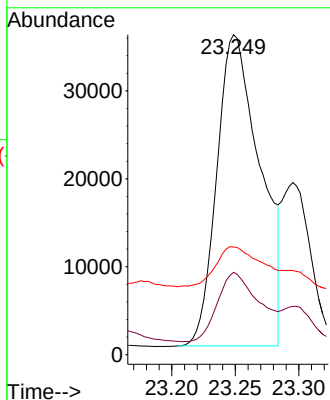
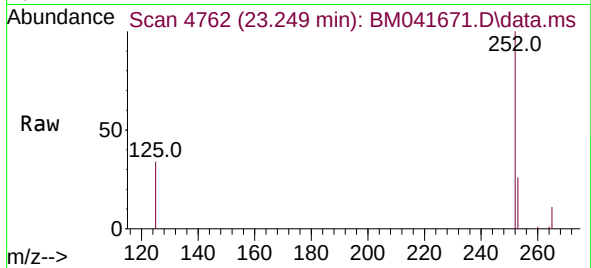




#24
Benzo(b)fluoranthene
Concen: 0.892 ng/ul
RT: 23.249 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

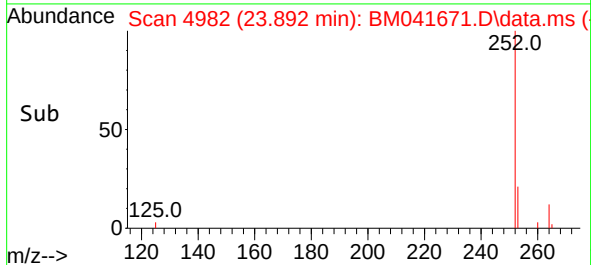
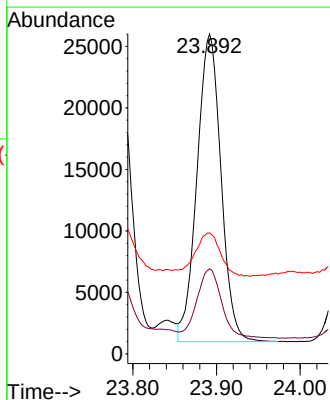
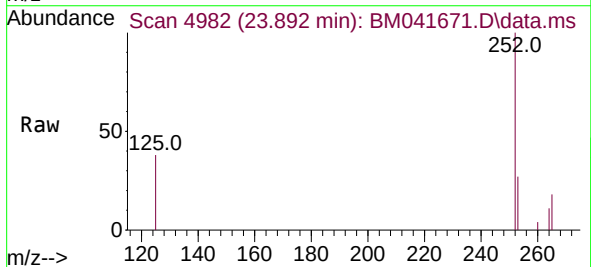
Instrument :
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ClientSampleId :
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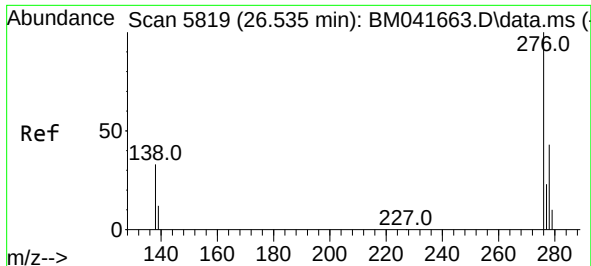
Tgt Ion:252 Resp: 84401
Ion Ratio Lower Upper
252 100
253 25.7 0.0 52.4
125 33.7 0.0 42.8



#26
Benzo(a)pyrene
Concen: 0.649 ng/ul
RT: 23.892 min Scan# 4982
Delta R.T. -0.006 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

Tgt Ion:252 Resp: 49865
Ion Ratio Lower Upper
252 100
253 26.6 22.4 33.6
125 37.8 21.0 31.4#

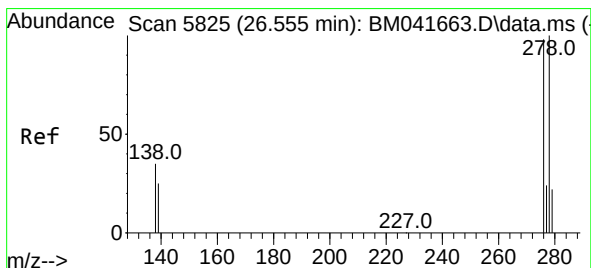
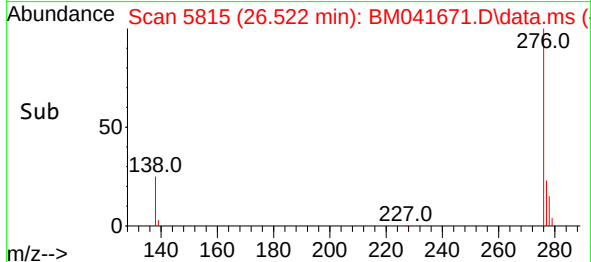
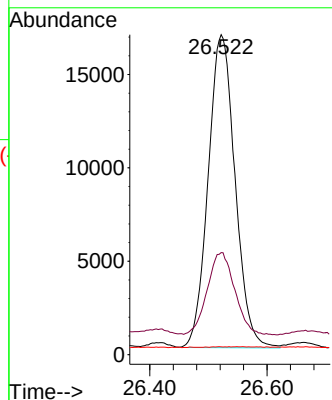
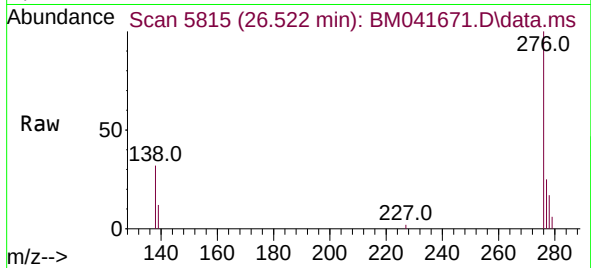




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.506 ng/ul
RT: 26.522 min Scan# 5815
Delta R.T. -0.010 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

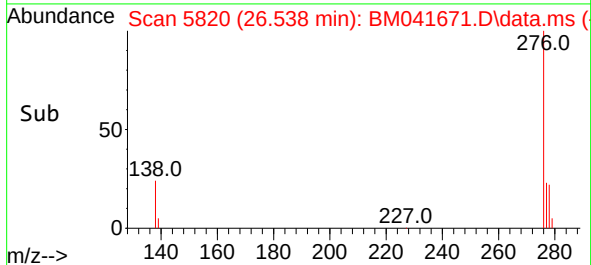
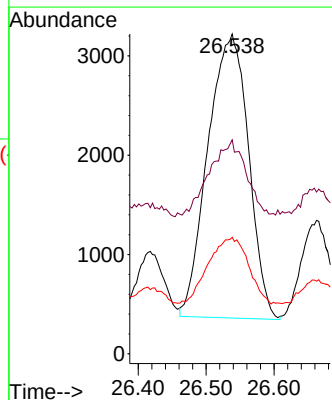
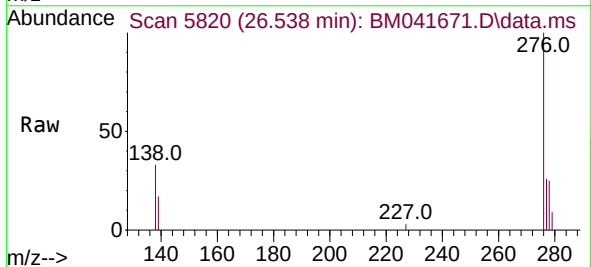
Instrument :
BNA_M
ClientSampleId :
EZYJ0

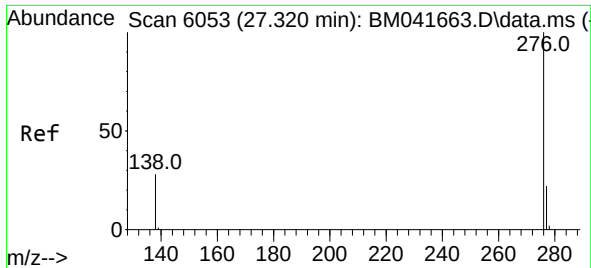
Tgt Ion:276 Resp: 53409
Ion Ratio Lower Upper
276 100
138 26.9 26.4 39.6
227 0.1 0.1 0.1



#28
Dibenzo(a,h)anthracene
Concen: 0.161 ng/ul
RT: 26.538 min Scan# 5820
Delta R.T. -0.013 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

Tgt Ion:278 Resp: 11879
Ion Ratio Lower Upper
278 100
139 66.9 23.0 34.6#
279 36.4 22.9 34.3#





#29
 Benzo(g,h,i)perylene
 Concen: 0.584 ng/ul
 RT: 27.310 min Scan# 6050
 Delta R.T. -0.007 min
 Lab File: BM041671.D
 Acq: 06 Sep 2023 22:56

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	25.0	37.4
277	25.1	20.2	30.2

