

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040952.D
 Acq On : 18 Jul 2023 13:46
 Operator : MA/JU
 Sample : 03458-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 22:26:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 22:24:09 2023
 Response via : Initial Calibration

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

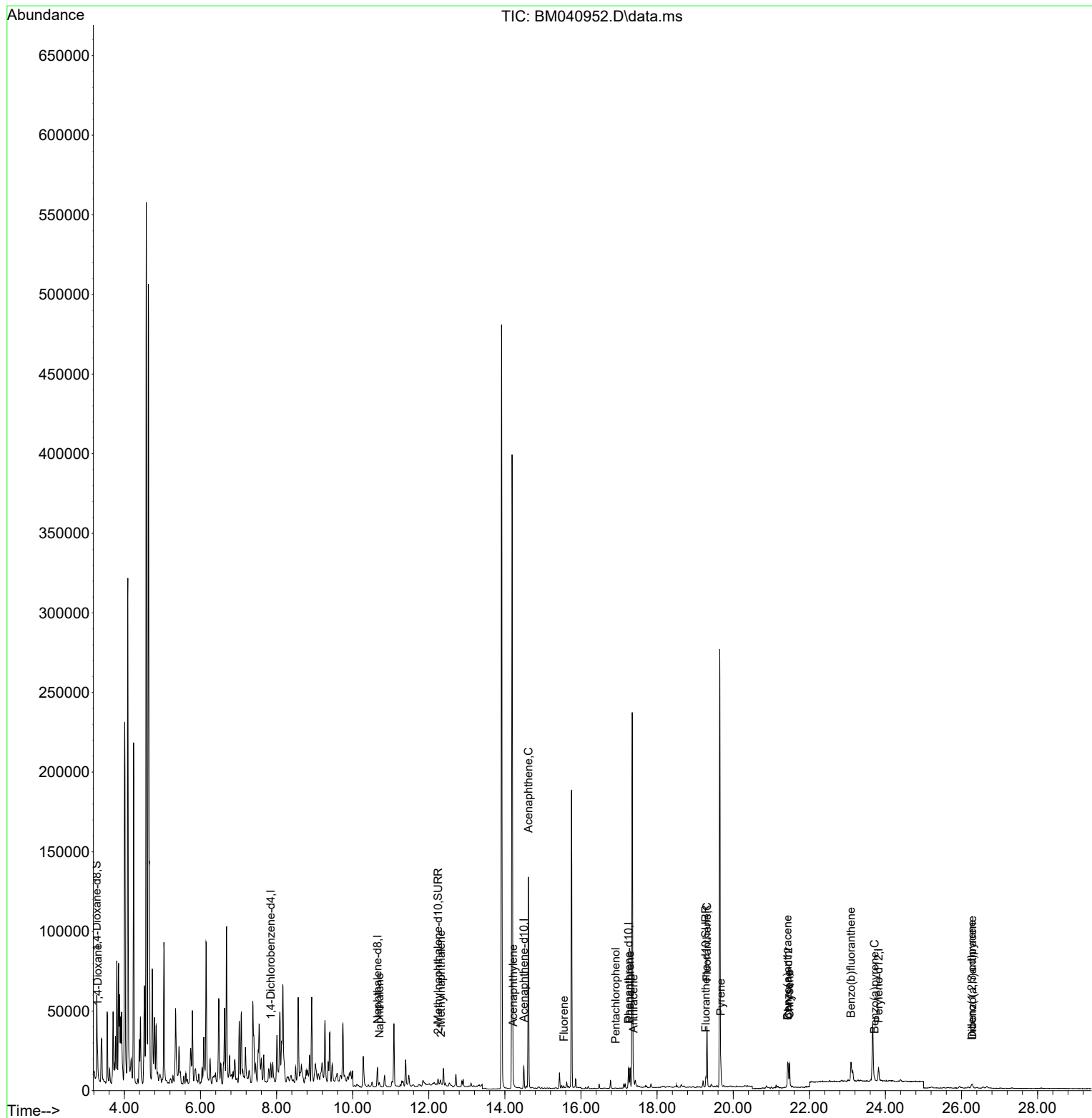
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	5317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.653	136	16298	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.499	164	7471	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	16235	0.400	ng/ul #	0.00
17) Chrysene-d12	21.445	240	10551	0.400	ng/ul	0.00
23) Perylene-d12	23.819	264	11145	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	28754	3.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	5321	0.233	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	6243	0.185	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.296	88	2050	0.241	ng/ul#	1
5) Naphthalene	10.702	128	3697	0.082	ng/ul#	88
7) 2-Methylnaphthalene	12.319	142	721	0.027	ng/ul	91
10) Acenaphthylene	14.217	152	1518	0.045	ng/ul#	67
11) Acenaphthene	14.620	153	36815	1.306	ng/ul#	1
12) Fluorene	15.550	166	882	0.029	ng/ul#	85
14) Pentachlorophenol	16.915	266	70	0.022	ng/ul#	86
15) Phenanthrene	17.291	178	12351	0.245	ng/ul	97
16) Anthracene	17.383	178	1625	0.038	ng/ul#	73
19) Fluoranthene	19.310	202	31841	0.710	ng/ul	98
20) Pyrene	19.673	202	11994	0.250	ng/ul	96
21) Benzo(a)anthracene	21.428	228	11884	0.333	ng/ul	94
22) Chrysene	21.480	228	14233	0.350	ng/ul#	93
24) Benzo(b)fluoranthene	23.097	252	20035	0.465	ng/ul	86
26) Benzo(a)pyrene	23.713	252	1176	0.030	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.270	276	3266	0.060	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.280	278	2566	0.061	ng/ul#	35

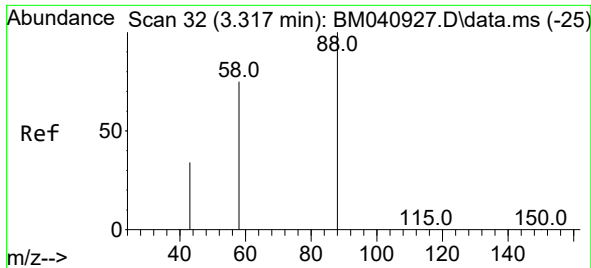
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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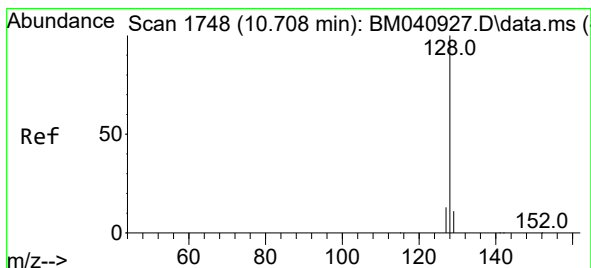
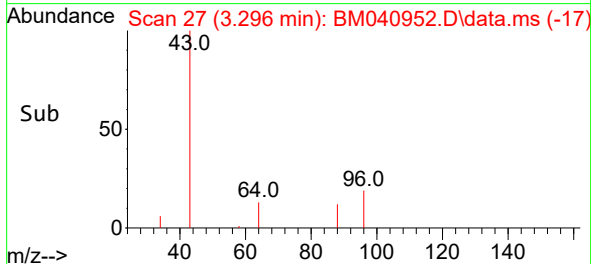
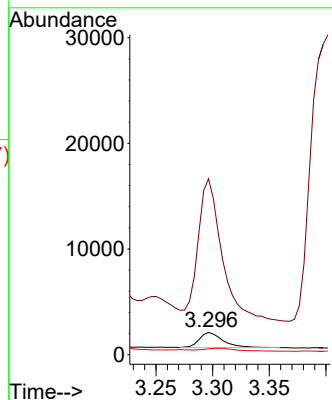
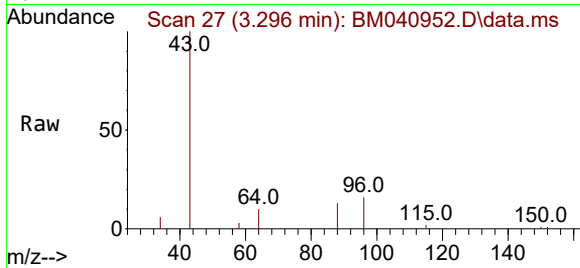




#2
1,4-Dioxane
Concen: 0.241 ng/ul
RT: 3.296 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

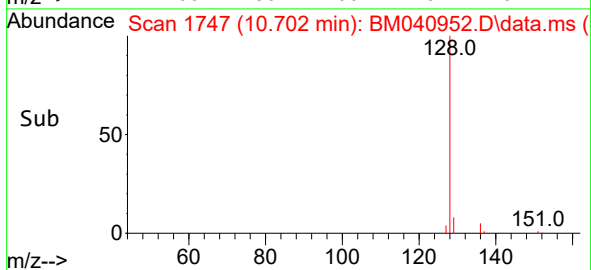
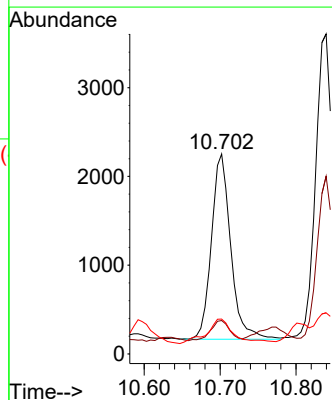
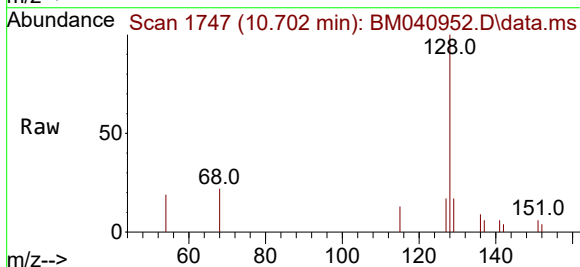
Instrument :
BNA_M
ClientSampleId :

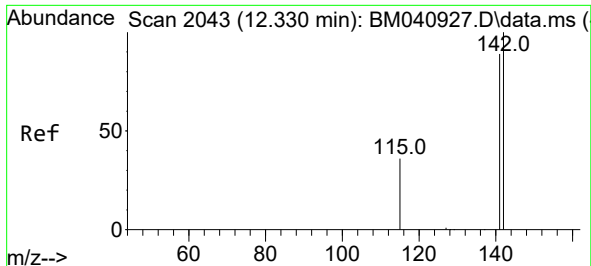
Tgt Ion: 88 Resp: 2050
Ion Ratio Lower Upper
88 100
43 790.1 36.1 54.1#
58 26.3 49.8 74.8#



#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.702 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

Tgt Ion:128 Resp: 3697
Ion Ratio Lower Upper
128 100
129 16.7 9.2 13.8#
127 17.4 10.6 15.8#

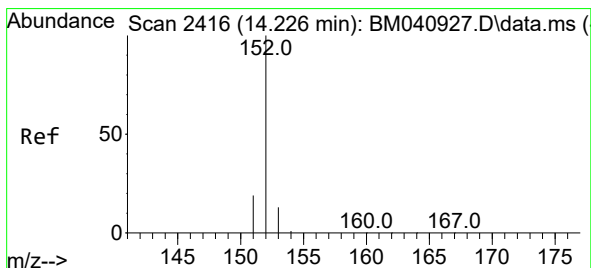
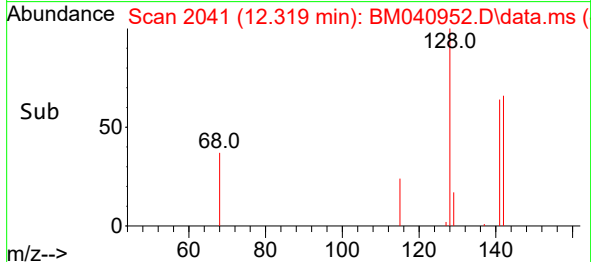
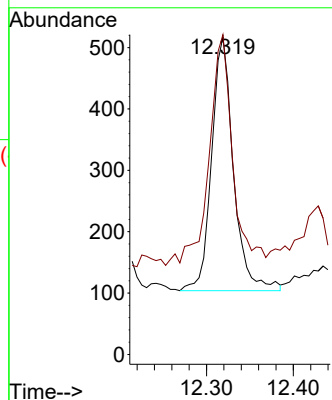
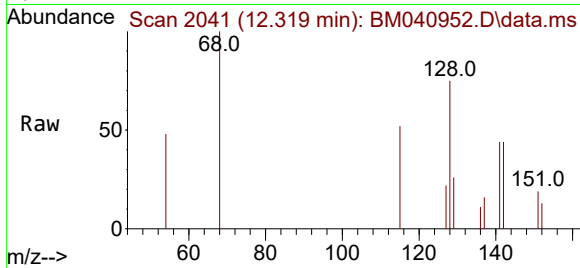




#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

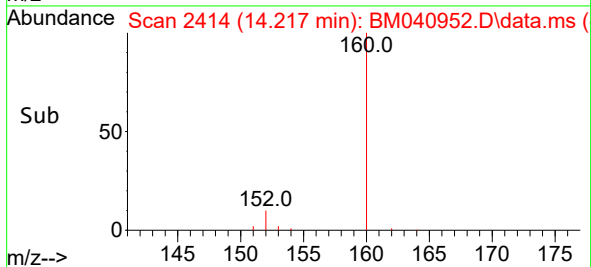
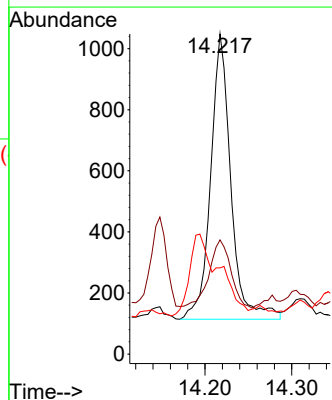
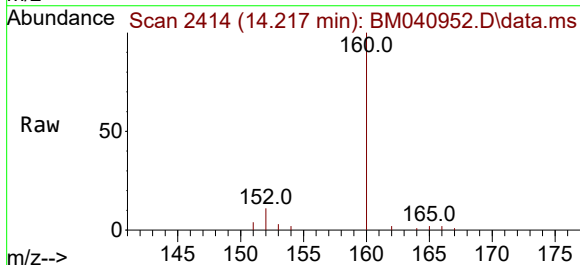
Instrument :
BNA_M
ClientSampleId :

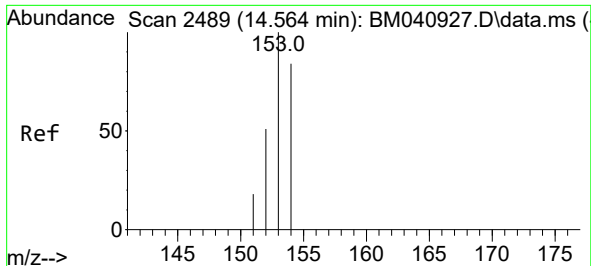
Tgt Ion:142 Resp: 721
Ion Ratio Lower Upper
142 100
141 98.1 71.9 107.9



#10
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.217 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

Tgt Ion:152 Resp: 1518
Ion Ratio Lower Upper
152 100
151 35.7 16.2 24.2#
153 26.9 10.9 16.3#

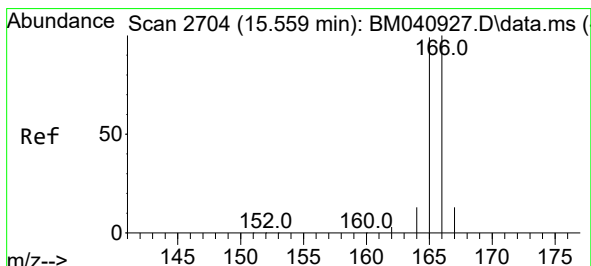
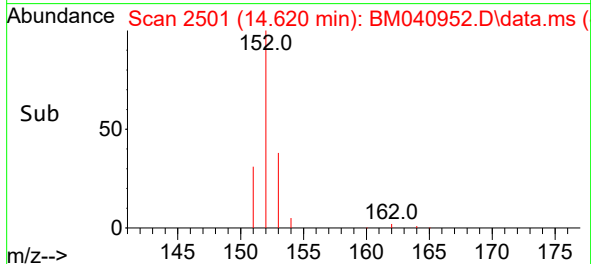
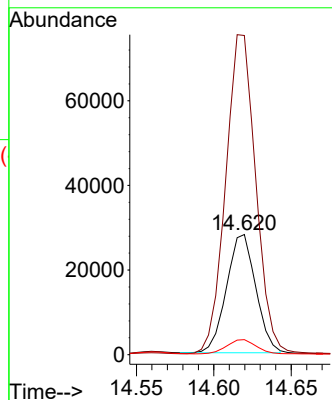
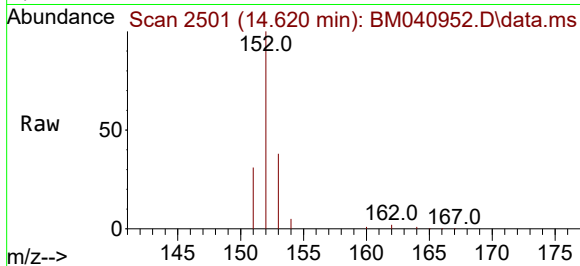




#11
Acenaphthene
Concen: 1.306 ng/ul
RT: 14.620 min Scan# 21
Delta R.T. 0.060 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

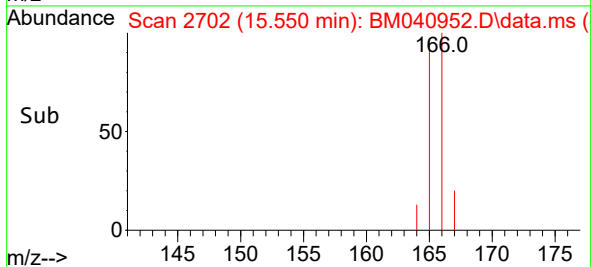
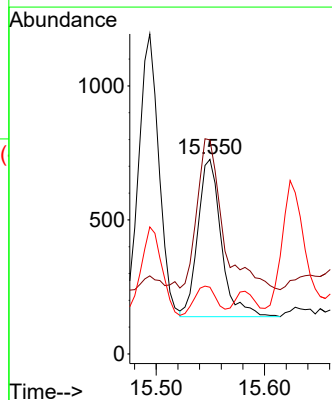
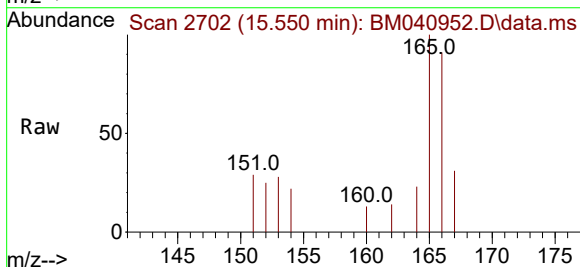
Instrument :
BNA_M
ClientSampleId :

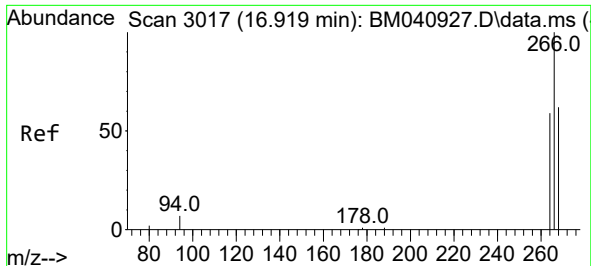
Tgt Ion:153 Resp: 36815
Ion Ratio Lower Upper
153 100
152 265.7 41.0 61.4#
154 12.5 70.8 106.2#



#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.550 min Scan# 2702
Delta R.T. -0.005 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

Tgt Ion:166 Resp: 882
Ion Ratio Lower Upper
166 100
165 110.1 79.6 119.4
167 34.3 11.4 17.0#

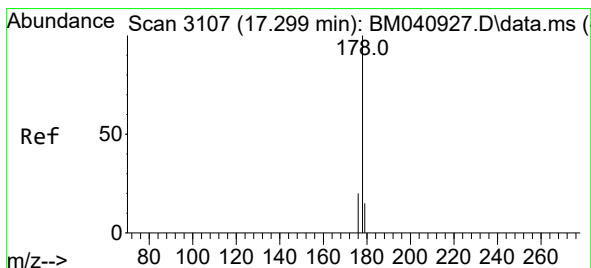
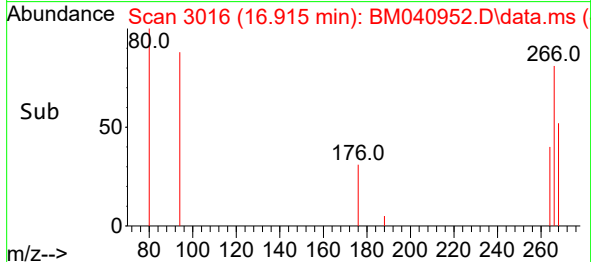
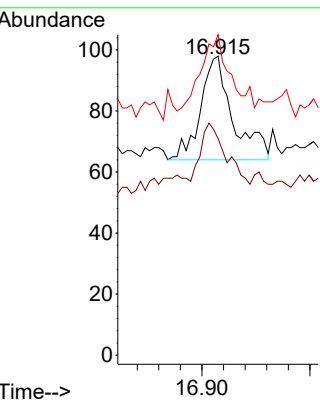
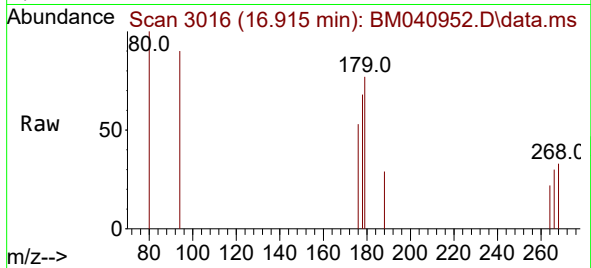




#14
 Pentachlorophenol
 Concen: 0.022 ng/ul
 RT: 16.915 min Scan# 3016
 Delta R.T. 0.004 min
 Lab File: BM040952.D
 Acq: 18 Jul 2023 13:46

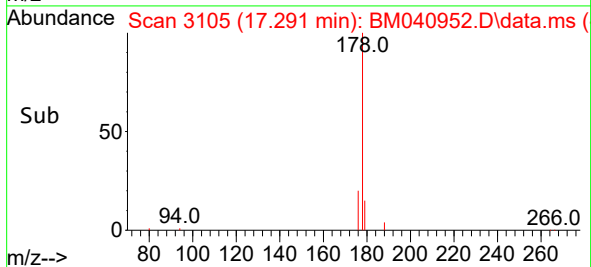
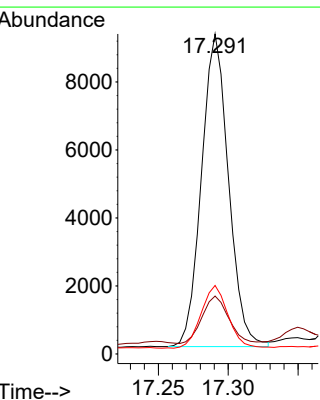
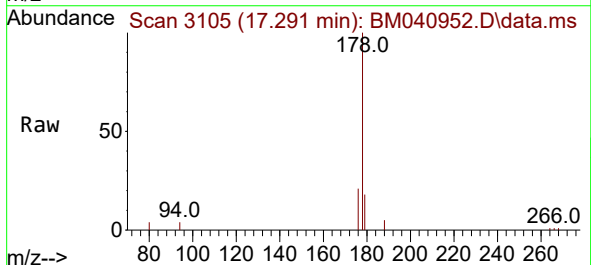
Instrument :
 BNA_M
 ClientSampleId :

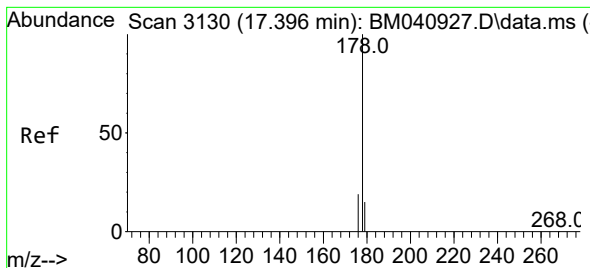
Tgt Ion:266 Resp: 70
 Ion Ratio Lower Upper
 266 100
 264 51.4 45.4 68.0
 268 74.3 47.2 70.8#



#15
 Phenanthrene
 Concen: 0.245 ng/ul
 RT: 17.291 min Scan# 3105
 Delta R.T. -0.004 min
 Lab File: BM040952.D
 Acq: 18 Jul 2023 13:46

Tgt Ion:178 Resp: 12351
 Ion Ratio Lower Upper
 178 100
 179 18.1 12.8 19.2
 176 21.4 16.4 24.6





#16

Anthracene

Concen: 0.038 ng/ul

RT: 17.383 min Scan# 3130

Delta R.T. -0.004 min

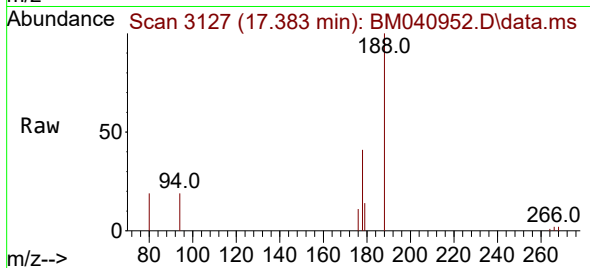
Lab File: BM040952.D

Acq: 18 Jul 2023 13:46

Instrument :

BNA_M

ClientSampleId :



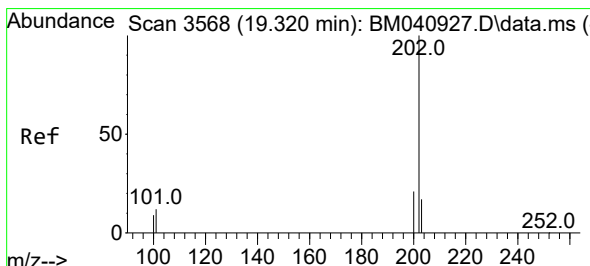
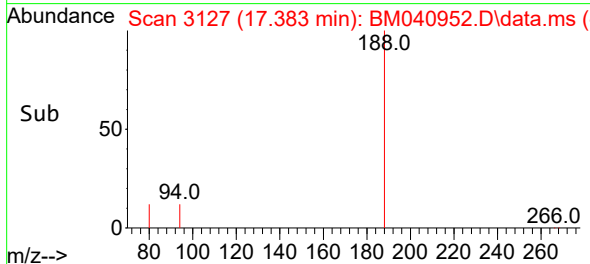
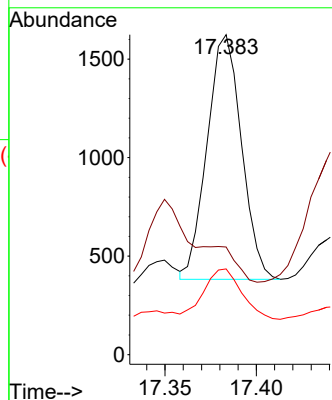
Tgt Ion:178 Resp: 1625

Ion Ratio Lower Upper

178 100

179 33.6 12.9 19.3#

176 26.8 15.8 23.6#



#19

Fluoranthene

Concen: 0.710 ng/ul

RT: 19.310 min Scan# 3566

Delta R.T. -0.005 min

Lab File: BM040952.D

Acq: 18 Jul 2023 13:46

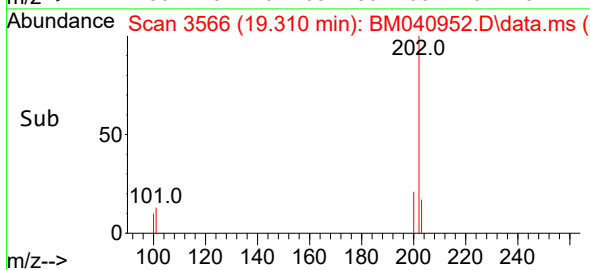
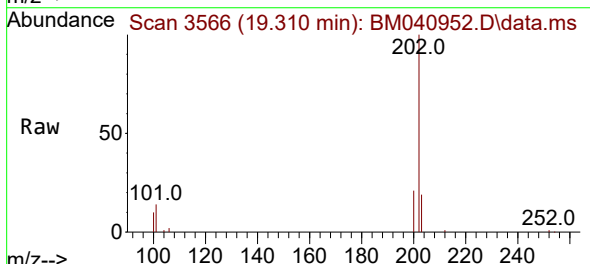
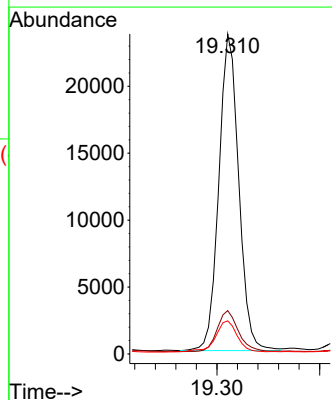
Tgt Ion:202 Resp: 31841

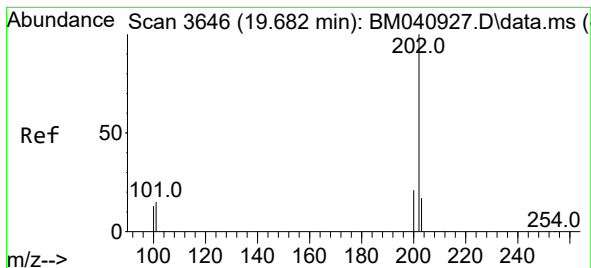
Ion Ratio Lower Upper

202 100

101 13.5 11.4 17.0

100 10.3 8.7 13.1





#20

Pyrene

Concen: 0.250 ng/ul

RT: 19.673 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM040952.D

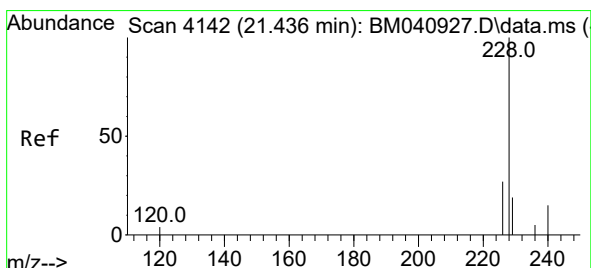
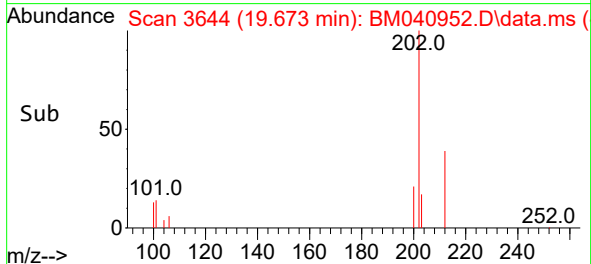
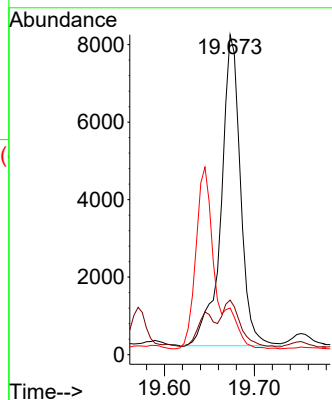
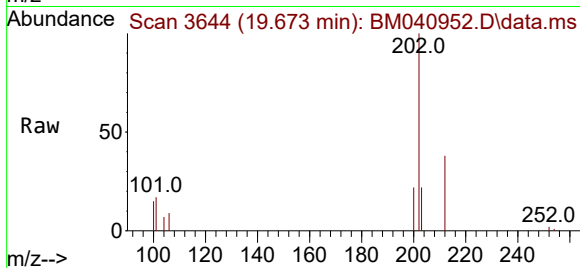
Acq: 18 Jul 2023 13:46

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	202	Resp:	11994
Ion	Ratio	Lower	Upper
202	100		
101	17.1	12.6	18.8
100	14.6	9.8	14.6



#21

Benzo(a)anthracene

Concen: 0.333 ng/ul

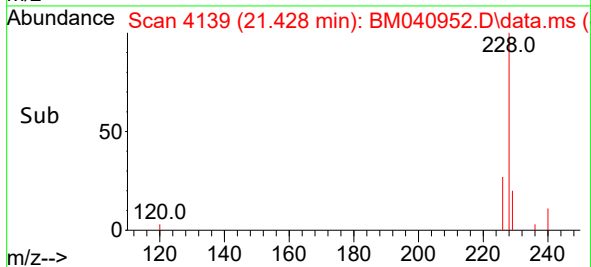
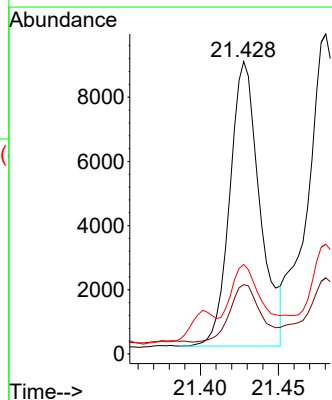
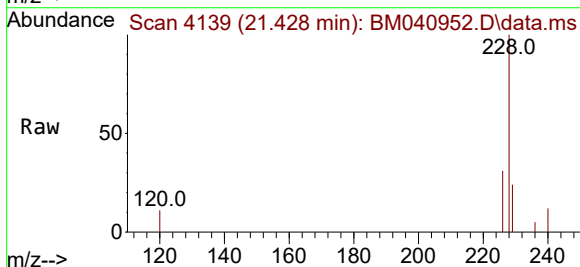
RT: 21.428 min Scan# 4139

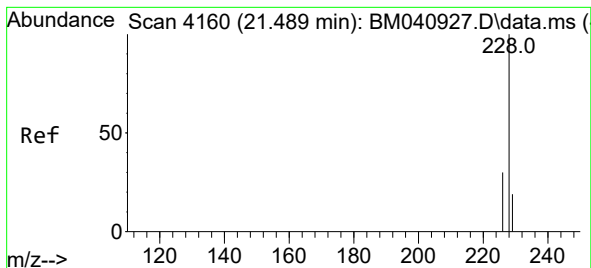
Delta R.T. -0.000 min

Lab File: BM040952.D

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Tgt Ion:	228	Resp:	11884
Ion	Ratio	Lower	Upper
228	100		
229	23.7	16.0	24.0
226	30.6	22.3	33.5





#22

Chrysene

Concen: 0.350 ng/ul

RT: 21.480 min Scan# 41

Delta R.T. -0.000 min

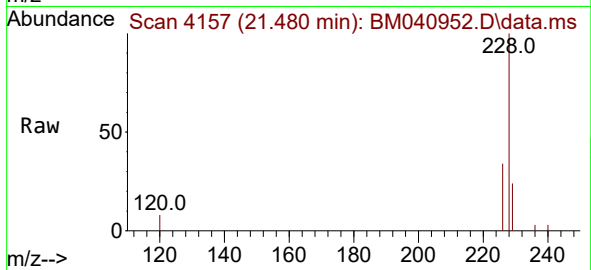
Lab File: BM040952.D

Acq: 18 Jul 2023 13:46

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BNA_M

ClientSampleId :



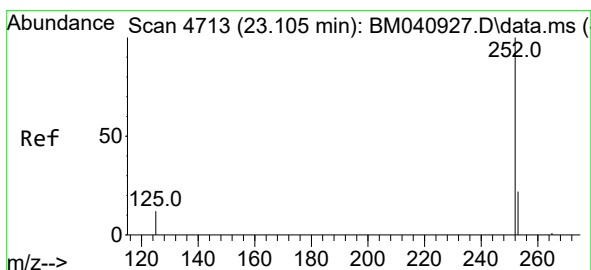
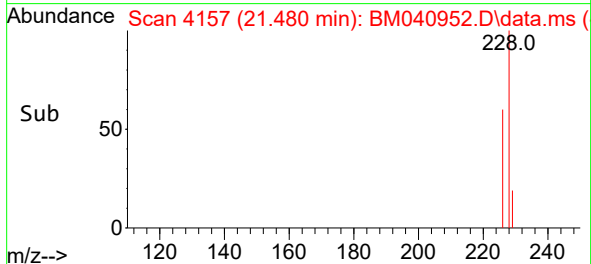
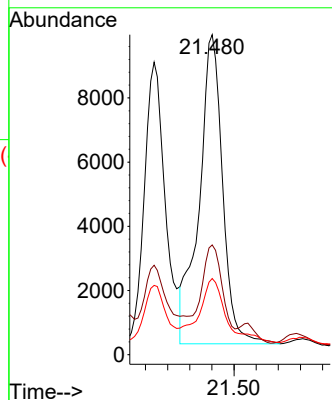
Tgt Ion:228 Resp: 14233

Ion Ratio Lower Upper

228 100

226 34.3 24.9 37.3

229 23.8 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.465 ng/ul

RT: 23.097 min Scan# 4710

Delta R.T. -0.000 min

Lab File: BM040952.D

Acq: 18 Jul 2023 13:46

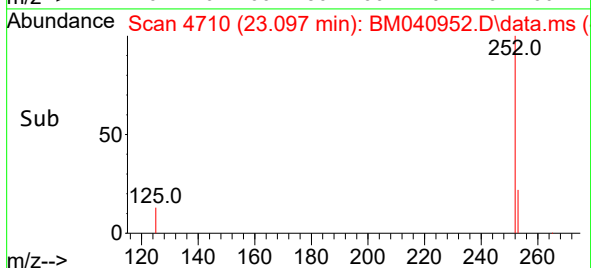
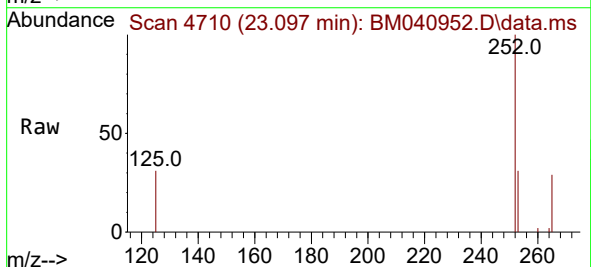
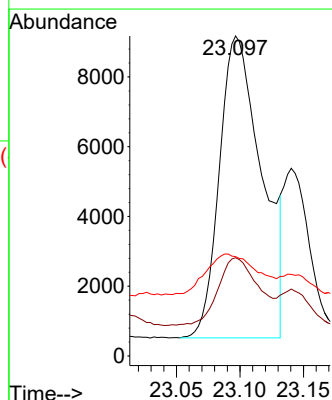
Tgt Ion:252 Resp: 20035

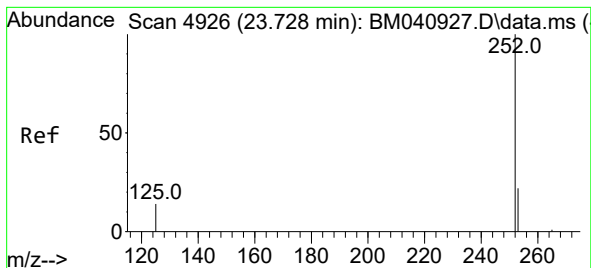
Ion Ratio Lower Upper

252 100

253 30.7 0.0 52.8

125 31.0 0.0 43.0





#26

Benzo(a)pyrene

Concen: 0.030 ng/ul

RT: 23.713 min Scan# 4921

Delta R.T. -0.000 min

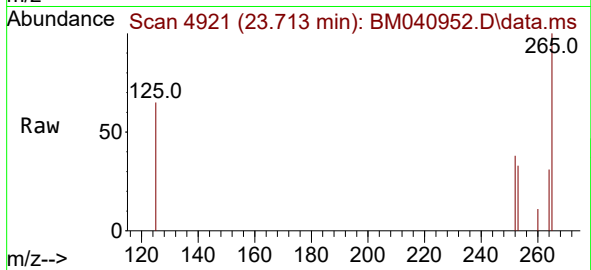
Lab File: BM040952.D

Acq: 18 Jul 2023 13:46

Instrument :

BNA_M

ClientSampleId :



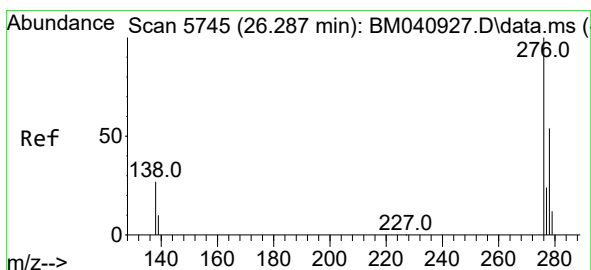
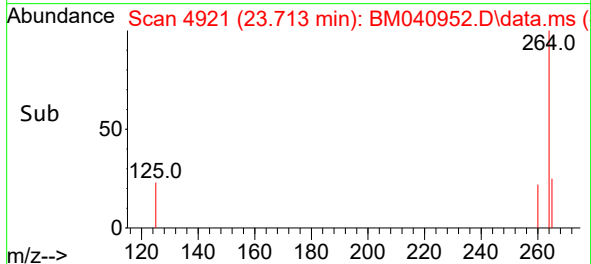
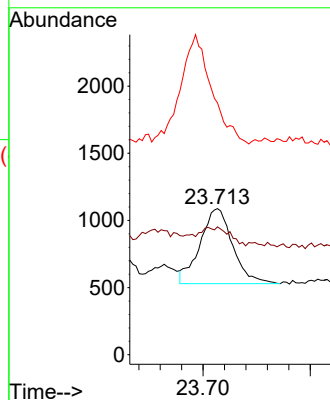
Tgt Ion:252 Resp: 1176

Ion Ratio Lower Upper

252 100

253 87.5 22.9 34.3#

125 172.4 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.060 ng/ul

RT: 26.270 min Scan# 5740

Delta R.T. -0.000 min

Lab File: BM040952.D

Acq: 18 Jul 2023 13:46

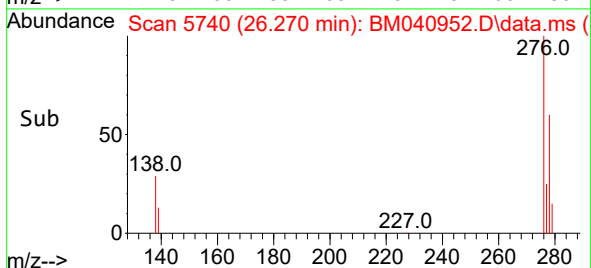
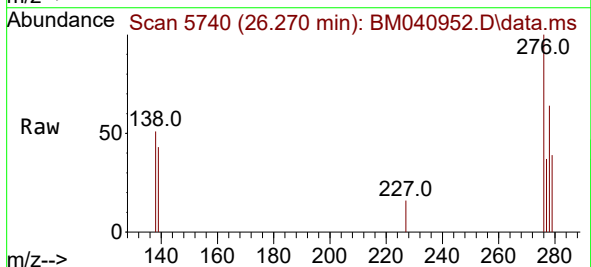
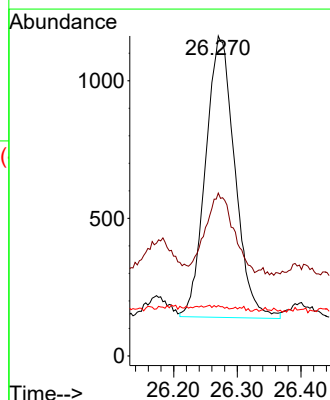
Tgt Ion:276 Resp: 3266

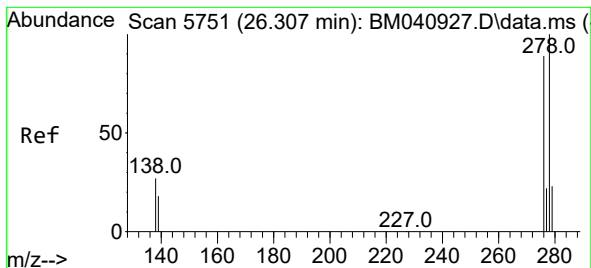
Ion Ratio Lower Upper

276 100

138 28.4 24.5 36.7

227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.061 ng/ul

RT: 26.280 min Scan# 51

Delta R.T. -0.003 min

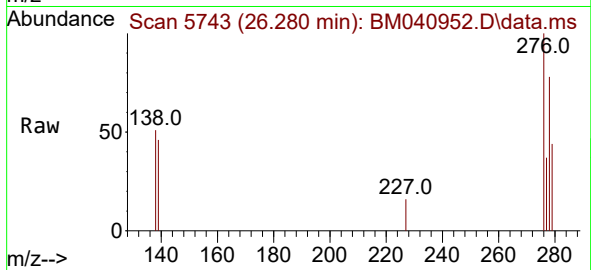
Lab File: BM040952.D

Acq: 18 Jul 2023 13:46

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:278 Resp: 2566

Ion Ratio Lower Upper

278 100

139 58.6 17.9 26.9#

279 57.2 22.0 33.0#

