

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040881.D
 Acq On : 14 Jul 2023 16:18
 Operator : MA/JU
 Sample : PB154014BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS014

Quant Time: Jul 15 03:15:33 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 : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

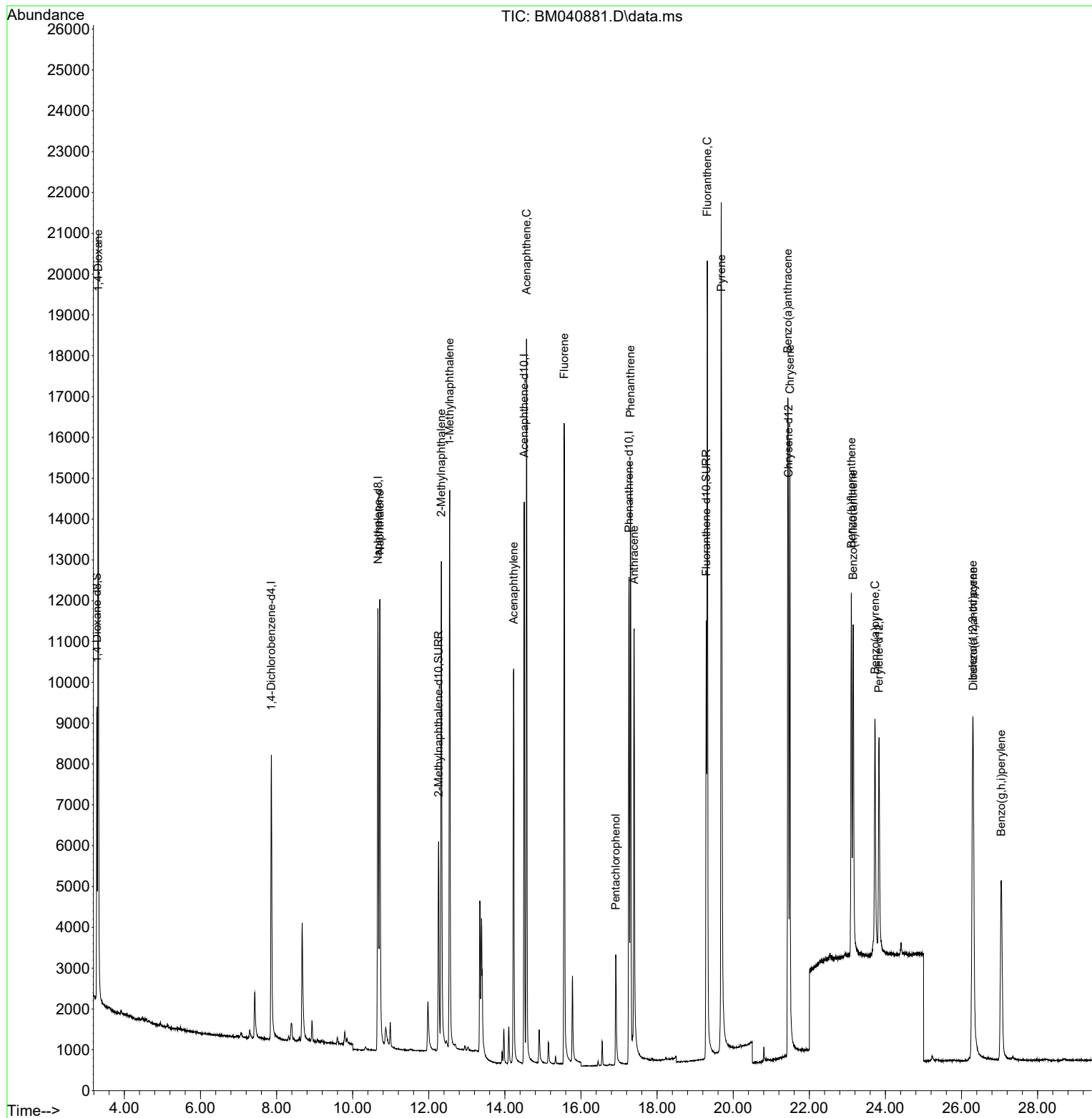
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4283	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	15693	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	7690	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	14621	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	9627	0.400	ng/ul	# 0.00
23) Perylene-d12	23.830	264	7843	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	4144	0.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	7783	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	12240	0.397	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.313	88	11794	1.722	ng/ul	89
5) Naphthalene	10.713	128	16513	0.382	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	9644	0.379	ng/ul	99
8) 1-Methylnaphthalene	12.550	142	9837	0.387	ng/ul	99
10) Acenaphthylene	14.231	152	12299	0.358	ng/ul	99
11) Acenaphthene	14.569	153	10447	0.360	ng/ul	98
12) Fluorene	15.559	166	10896	0.352	ng/ul	98
14) Pentachlorophenol	16.915	266	2232	0.793	ng/ul	93
15) Phenanthrene	17.299	178	16242	0.358	ng/ul	100
16) Anthracene	17.396	178	13486	0.353	ng/ul	100
19) Fluoranthene	19.320	202	17024	0.416	ng/ul	98
20) Pyrene	19.687	202	18532	0.423	ng/ul	100
21) Benzo(a)anthracene	21.437	228	13008	0.399	ng/ul	100
22) Chrysene	21.489	228	13478	0.363	ng/ul	98
24) Benzo(b)fluoranthene	23.105	252	11605	0.382	ng/ul	98
25) Benzo(k)fluoranthene	23.152	252	11671	0.390	ng/ul	99
26) Benzo(a)pyrene	23.725	252	9966	0.365	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.294	276	12265	0.322	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.307	278	9841	0.330	ng/ul	98
29) Benzo(g,h,i)perylene	27.041	276	10311	0.309	ng/ul	99

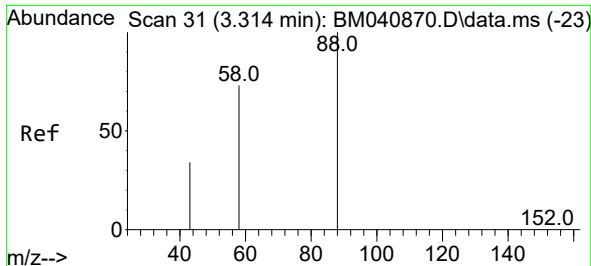
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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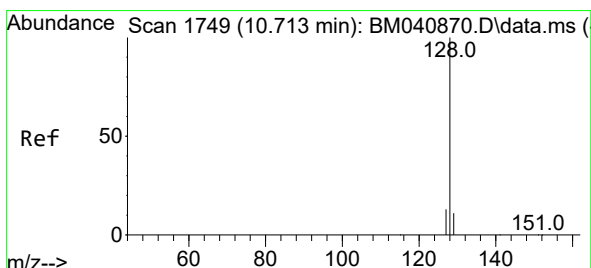
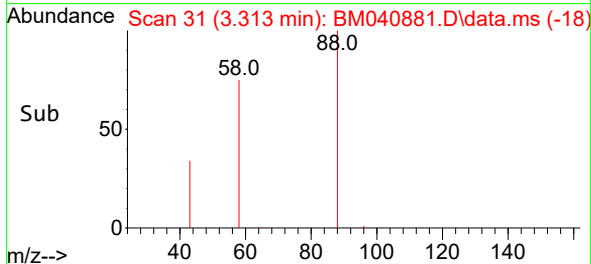
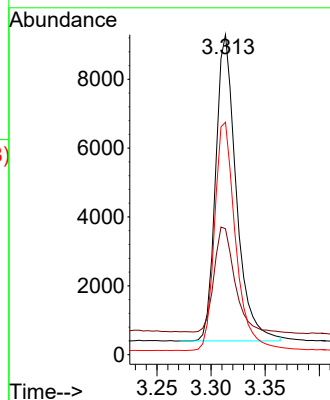
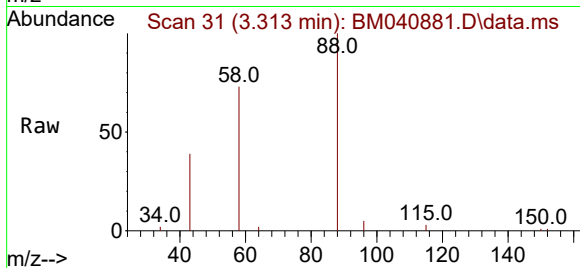




#2
1,4-Dioxane
Concen: 1.722 ng/ul
RT: 3.313 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

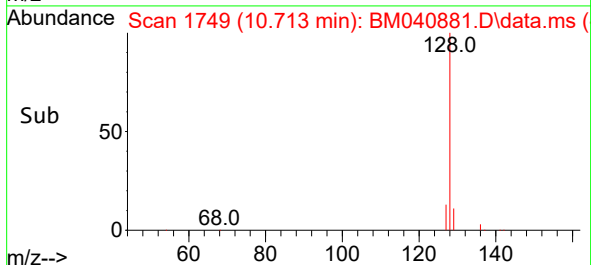
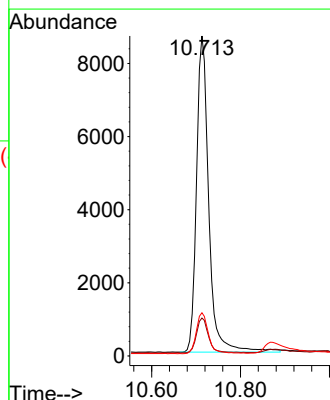
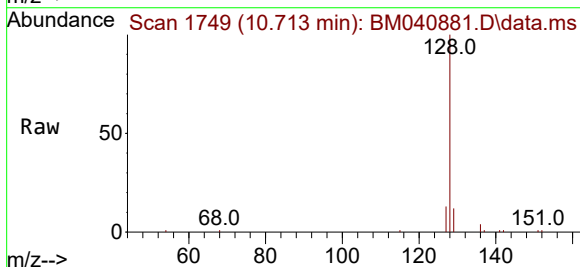
Instrument :
BNA_M
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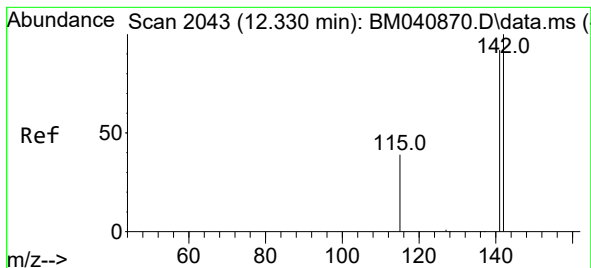
Tgt Ion: 88 Resp: 11794
Ion Ratio Lower Upper
88 100
43 39.3 36.1 54.1
58 72.7 49.8 74.8



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

Tgt Ion: 128 Resp: 16513
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.5 10.6 15.8

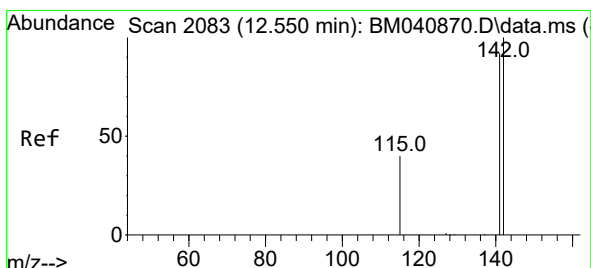
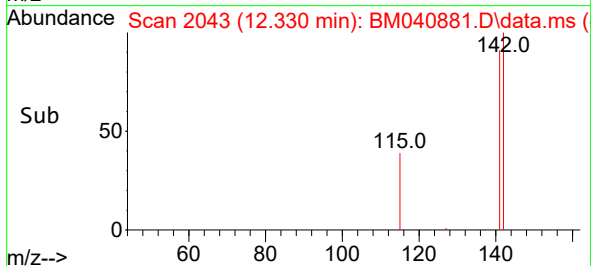
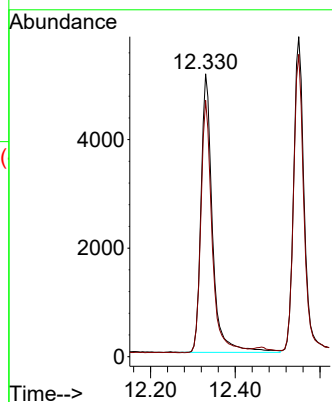
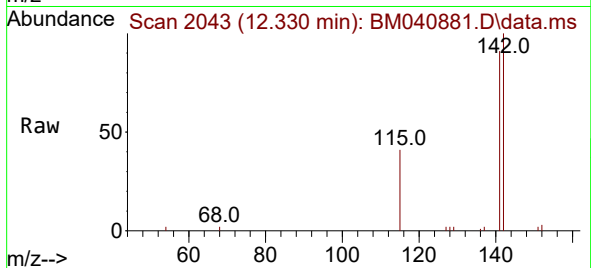




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.011 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

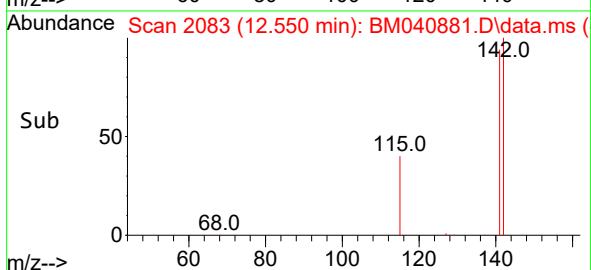
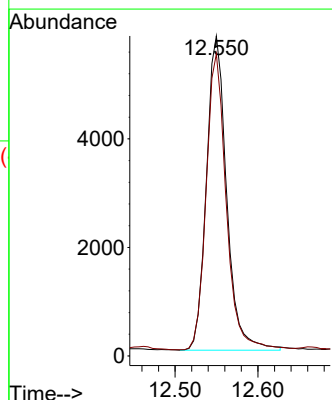
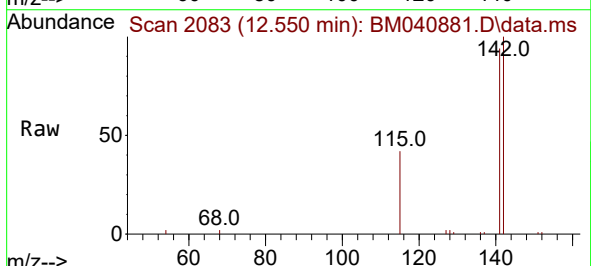
Instrument :
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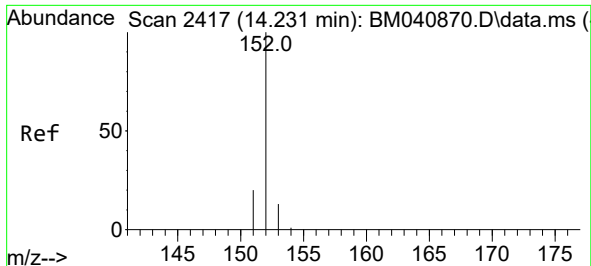
Tgt Ion:142 Resp: 9644
Ion Ratio Lower Upper
142 100
141 88.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

Tgt Ion:142 Resp: 9837
Ion Ratio Lower Upper
142 100
141 93.0 73.7 110.5

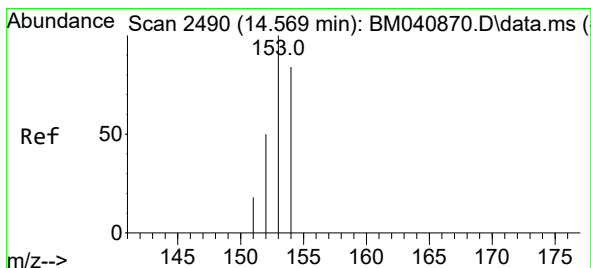
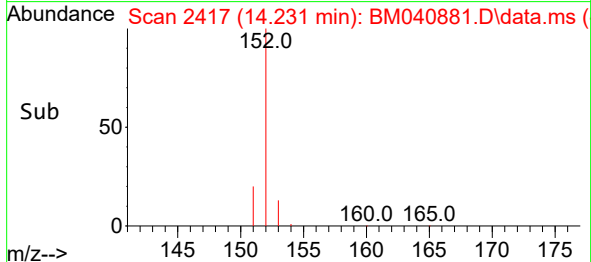
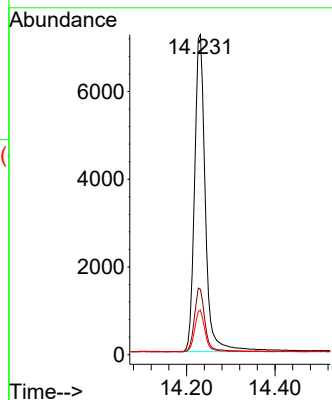
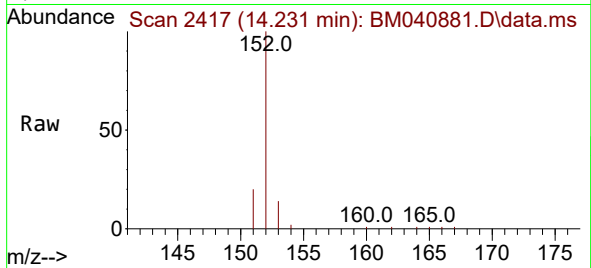




#10
Acenaphthylene
Concen: 0.358 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

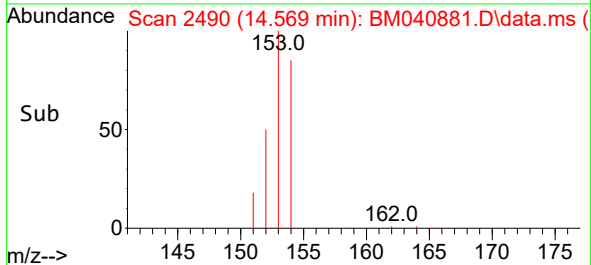
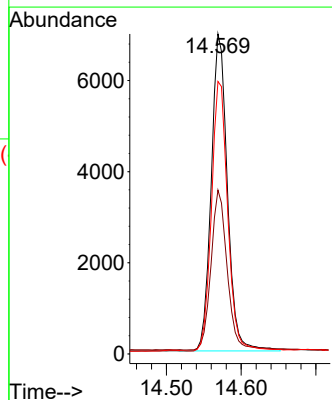
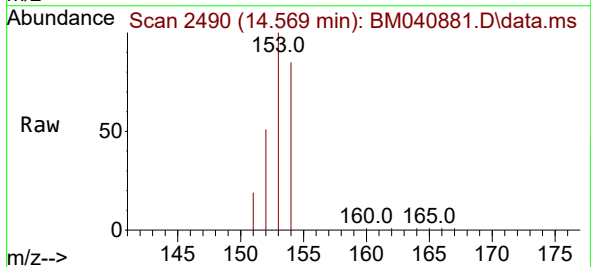
Instrument :
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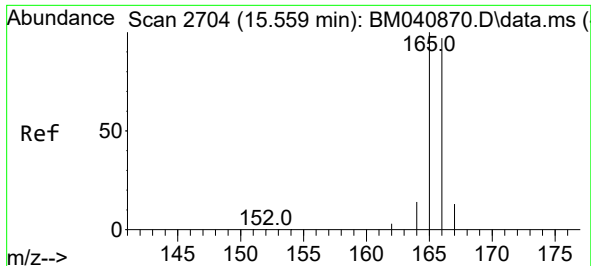
Tgt Ion:152 Resp: 12299
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.9 10.9 16.3



#11
Acenaphthene
Concen: 0.360 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. -0.005 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

Tgt Ion:153 Resp: 10447
Ion Ratio Lower Upper
153 100
152 51.2 41.0 61.4
154 85.1 70.8 106.2

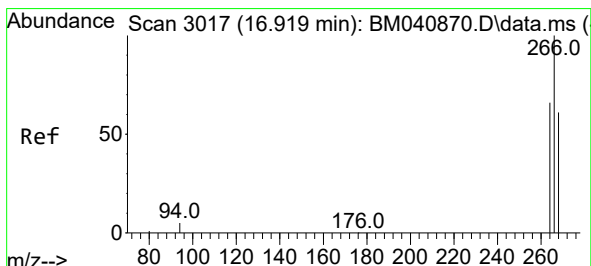
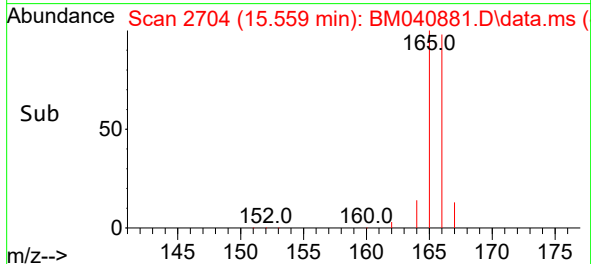
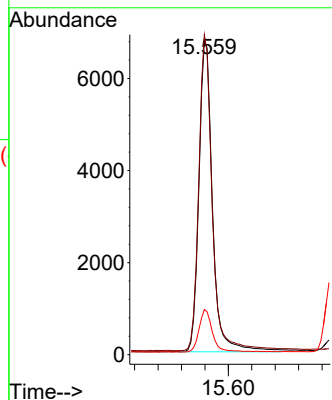
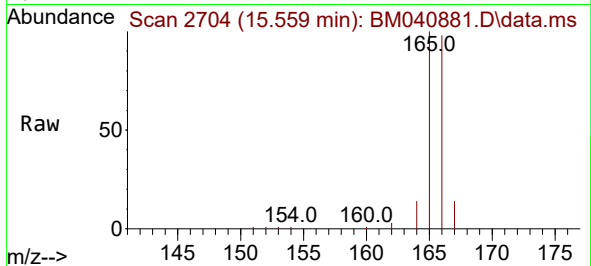




#12
Fluorene
Concen: 0.352 ng/ul
RT: 15.559 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

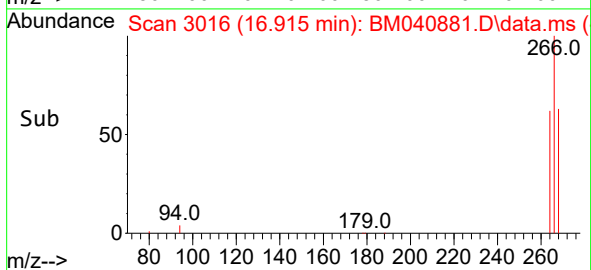
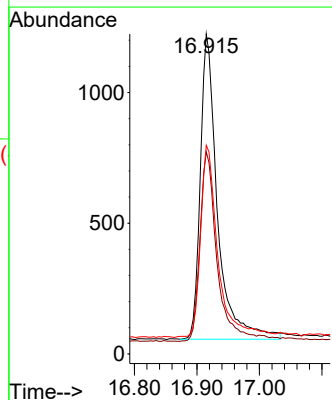
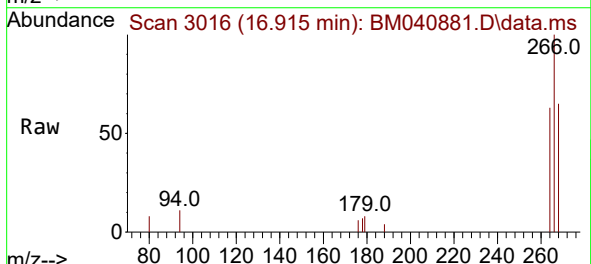
Instrument :
BNA_M
ClientSampleId :
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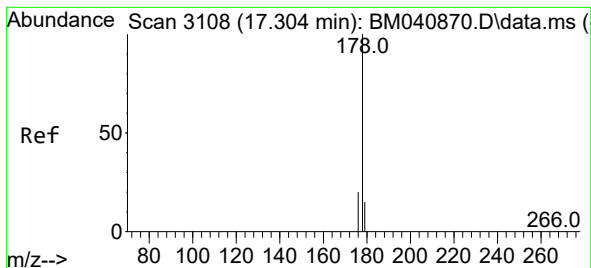
Tgt Ion:166 Resp: 10896
Ion Ratio Lower Upper
166 100
165 102.0 79.6 119.4
167 14.4 11.4 17.0



#14
Pentachlorophenol
Concen: 0.793 ng/ul
RT: 16.915 min Scan# 3016
Delta R.T. -0.013 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

Tgt Ion:266 Resp: 2232
Ion Ratio Lower Upper
266 100
264 62.6 45.4 68.0
268 64.2 47.2 70.8





#15

Phenanthrene

Concen: 0.358 ng/ul

RT: 17.299 min Scan# 3107

Delta R.T. -0.008 min

Lab File: BM040881.D

Acq: 14 Jul 2023 16:18

Instrument :

BNA_M

ClientSampleId :

SLCS014

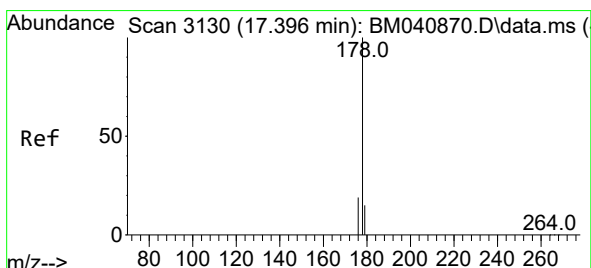
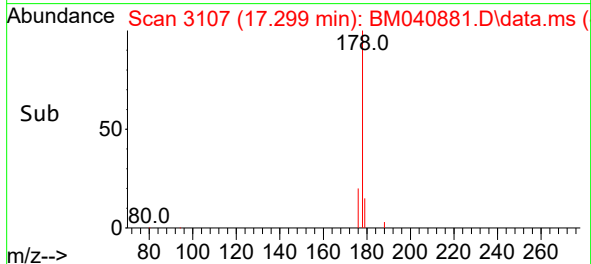
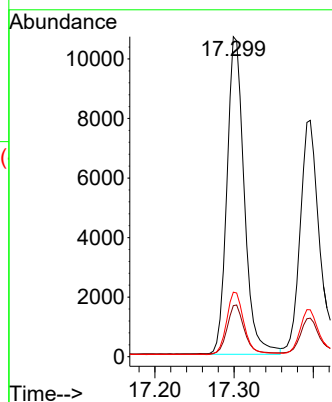
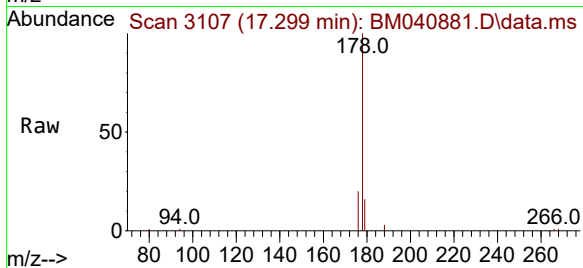
Tgt Ion:178 Resp: 16242

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 20.1 16.4 24.6



#16

Anthracene

Concen: 0.353 ng/ul

RT: 17.396 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BM040881.D

Acq: 14 Jul 2023 16:18

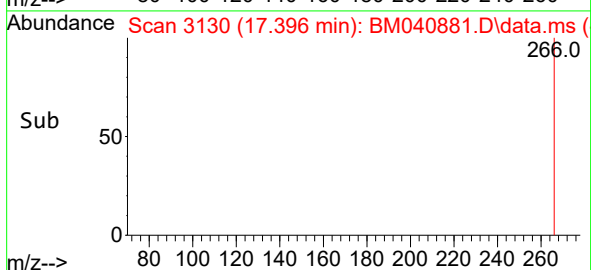
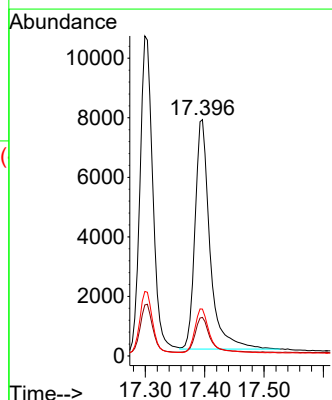
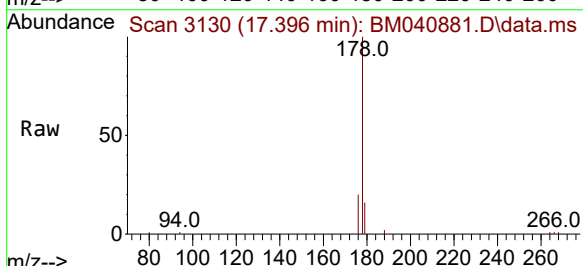
Tgt Ion:178 Resp: 13486

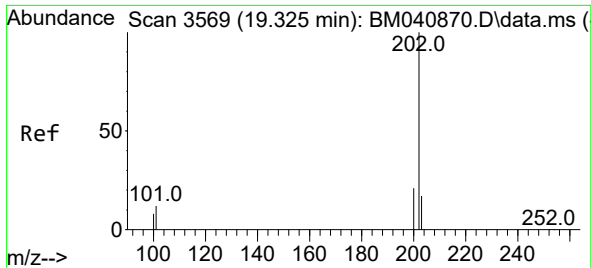
Ion Ratio Lower Upper

178 100

179 16.3 12.9 19.3

176 19.9 15.8 23.6

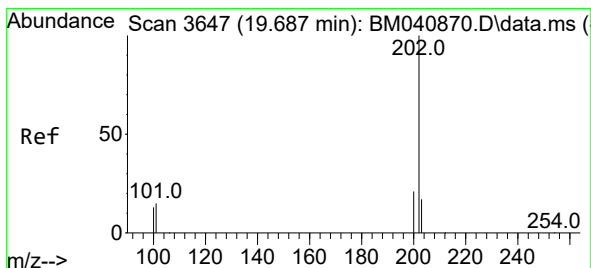
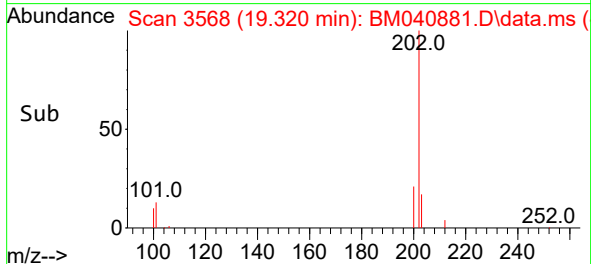
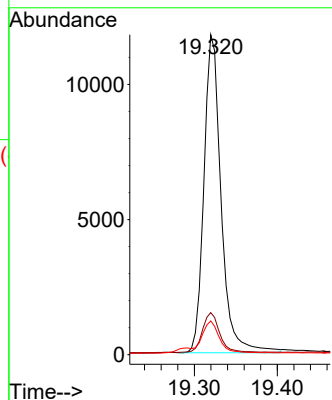
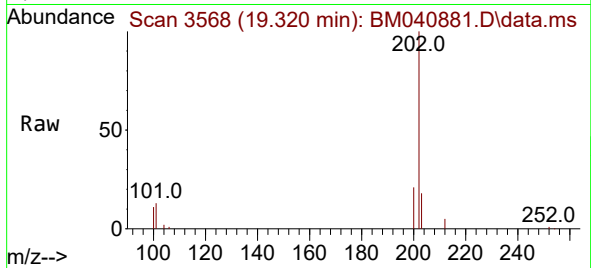




#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

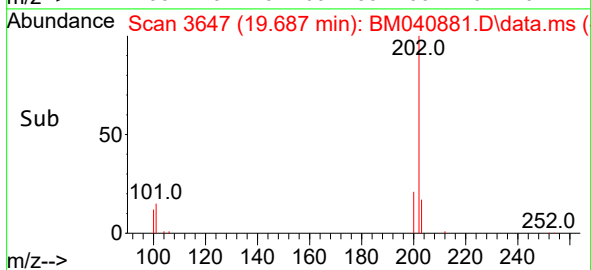
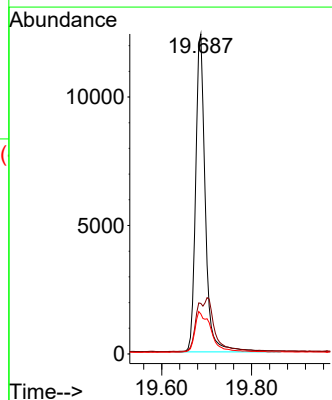
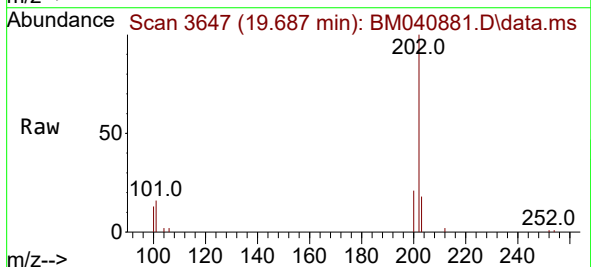
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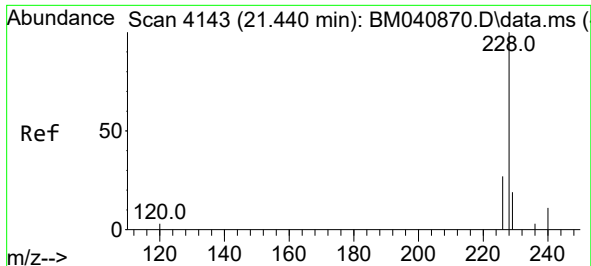
Tgt Ion:202 Resp: 17024
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.5 8.7 13.1



#20
Pyrene
Concen: 0.423 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

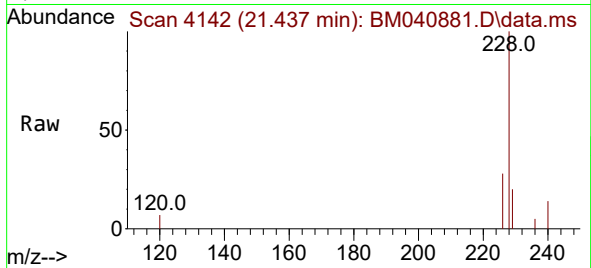
Tgt Ion:202 Resp: 18532
Ion Ratio Lower Upper
202 100
101 15.8 12.6 18.8
100 12.5 9.8 14.6



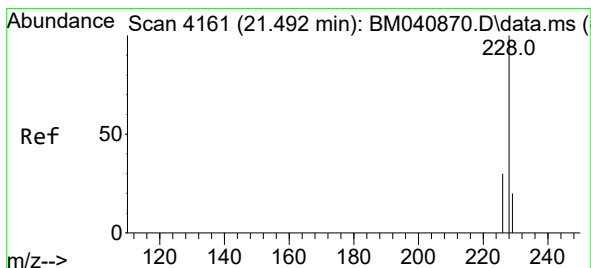
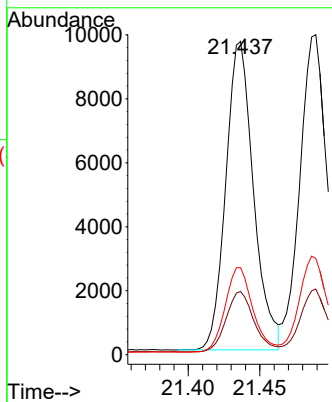
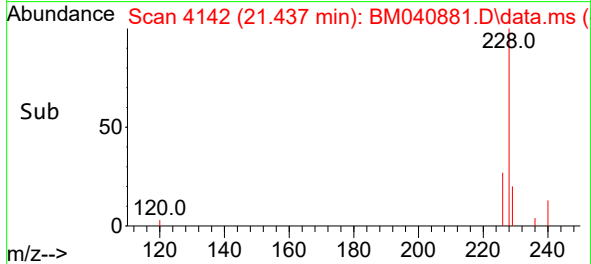


#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.437 min Scan# 4143
Delta R.T. -0.009 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

Instrument :
BNA_M
ClientSampleId :
SLCS014

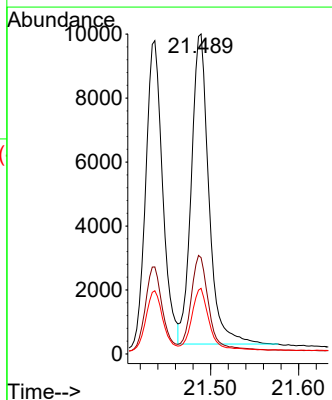
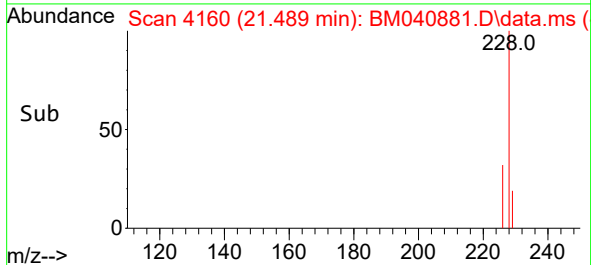
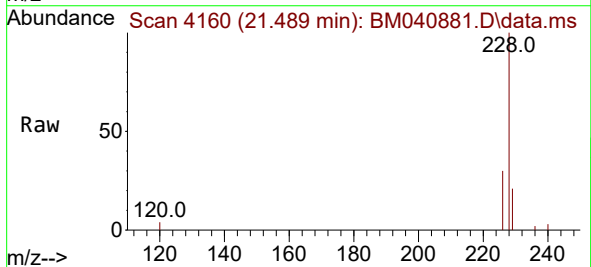


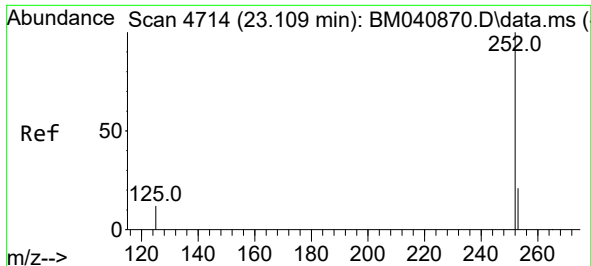
Tgt Ion:228 Resp: 13008
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.8 22.3 33.5



#22
Chrysene
Concen: 0.363 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. -0.009 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

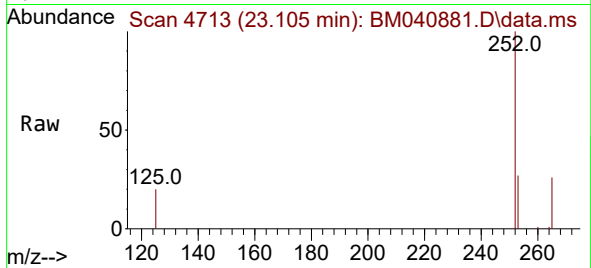
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Ion Ratio Lower Upper
228 100
226 30.1 24.9 37.3
229 20.5 15.8 23.6



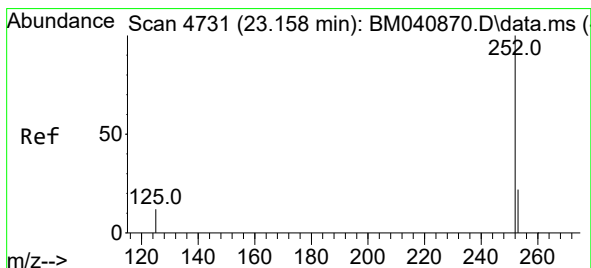
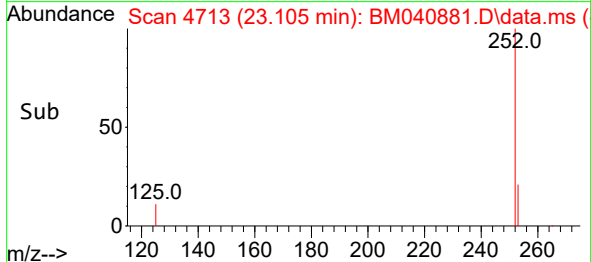
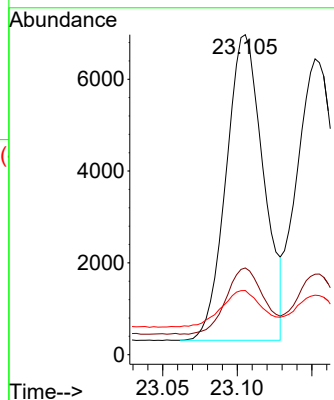


#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. -0.015 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

Instrument :
BNA_M
ClientSampleId :
SLCS014

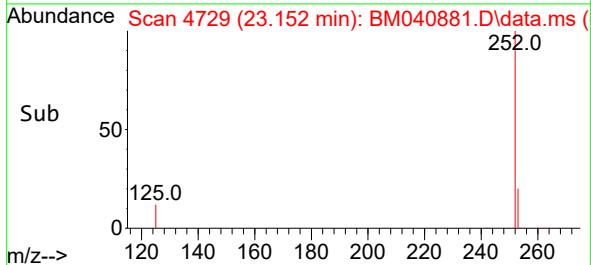
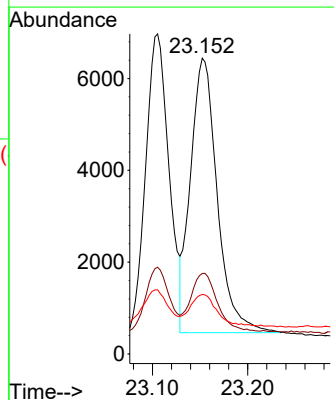
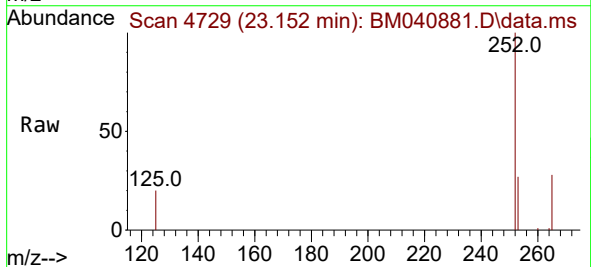


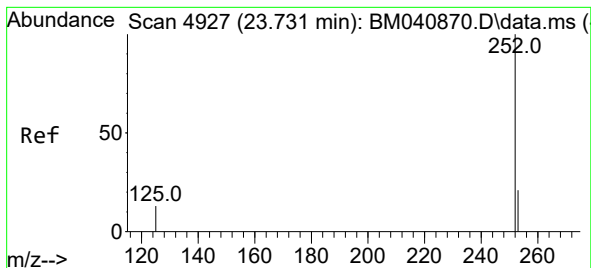
Tgt Ion:252 Resp: 11605
Ion Ratio Lower Upper
252 100
253 27.1 0.0 52.8
125 20.0 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.390 ng/ul
RT: 23.152 min Scan# 4729
Delta R.T. -0.015 min
Lab File: BM040881.D
Acq: 14 Jul 2023 16:18

Tgt Ion:252 Resp: 11671
Ion Ratio Lower Upper
252 100
253 27.2 21.2 31.8
125 20.1 16.4 24.6





#26

Benzo(a)pyrene

Concen: 0.365 ng/ul

RT: 23.725 min Scan# 4925

Delta R.T. -0.015 min

Lab File: BM040881.D

Acq: 14 Jul 2023 16:18

Instrument :

BNA_M

ClientSampleId :

SLCS014

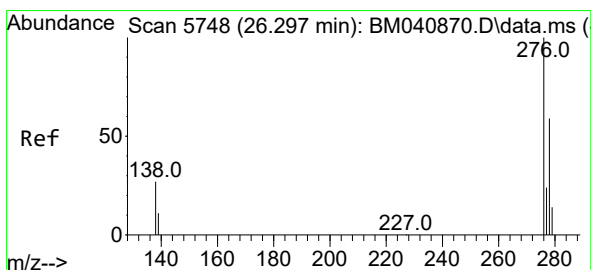
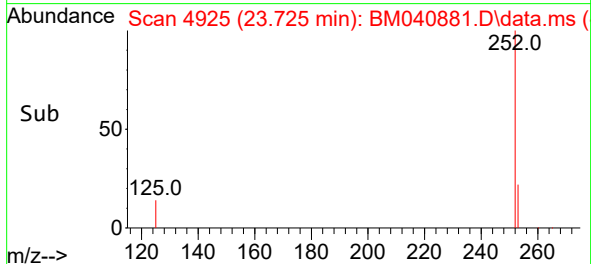
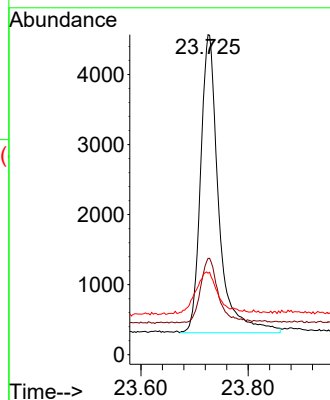
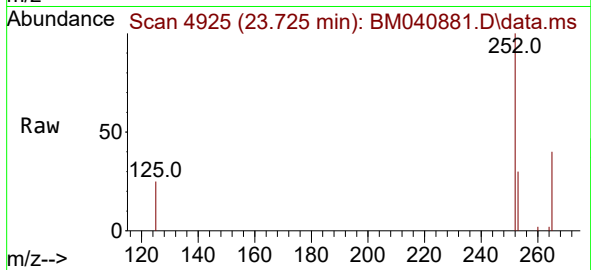
Tgt Ion:252 Resp: 9966

Ion Ratio Lower Upper

252 100

253 30.1 22.9 34.3

125 25.5 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.322 ng/ul

RT: 26.294 min Scan# 5747

Delta R.T. -0.013 min

Lab File: BM040881.D

Acq: 14 Jul 2023 16:18

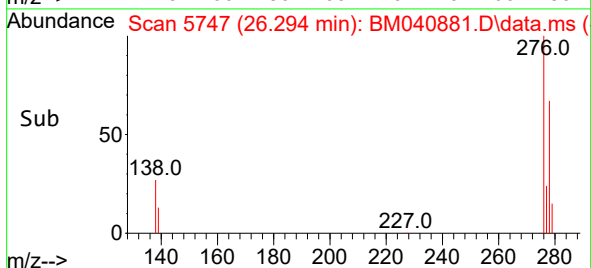
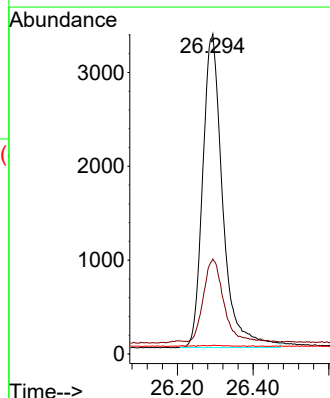
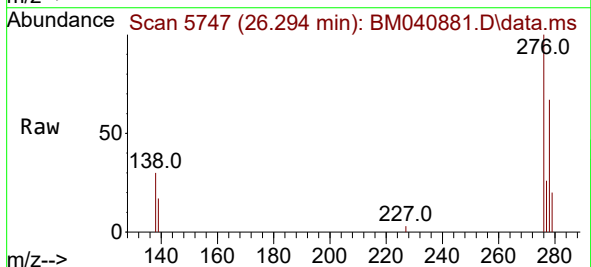
Tgt Ion:276 Resp: 12265

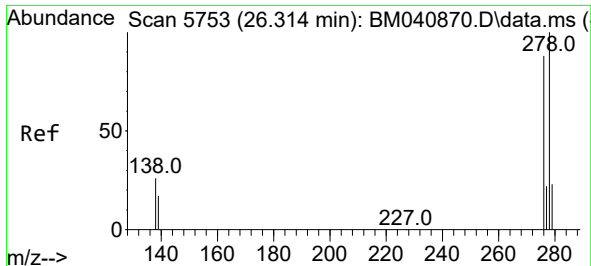
Ion Ratio Lower Upper

276 100

138 26.9 24.5 36.7

227 0.1 0.1 0.1#

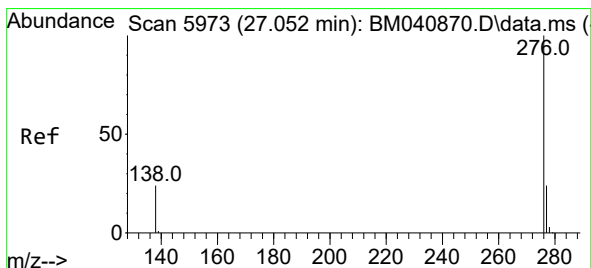
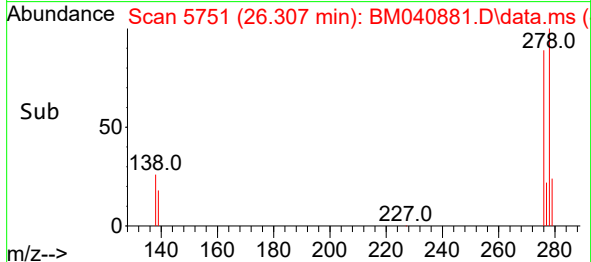
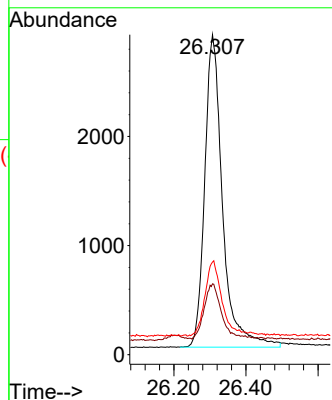
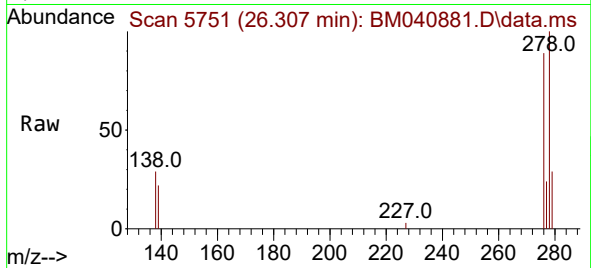




#28
 Dibenzo(a,h)anthracene
 Concen: 0.330 ng/ul
 RT: 26.307 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM040881.D
 Acq: 14 Jul 2023 16:18

Instrument :
 BNA_M
 ClientSampleId :
 SLCS014

Tgt Ion:278 Resp: 9841
 Ion Ratio Lower Upper
 278 100
 139 22.2 17.9 26.9
 279 28.9 22.0 33.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.309 ng/ul
 RT: 27.041 min Scan# 5970
 Delta R.T. -0.027 min
 Lab File: BM040881.D
 Acq: 14 Jul 2023 16:18

Tgt Ion:276 Resp: 10311
 Ion Ratio Lower Upper
 276 100
 138 27.8 23.0 34.6
 277 25.5 20.3 30.5

