

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043040.D
 Acq On : 26 Nov 2023 06:45
 Operator : MA/JU
 Sample : PB157274BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS274

Quant Time: Nov 27 02:46:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

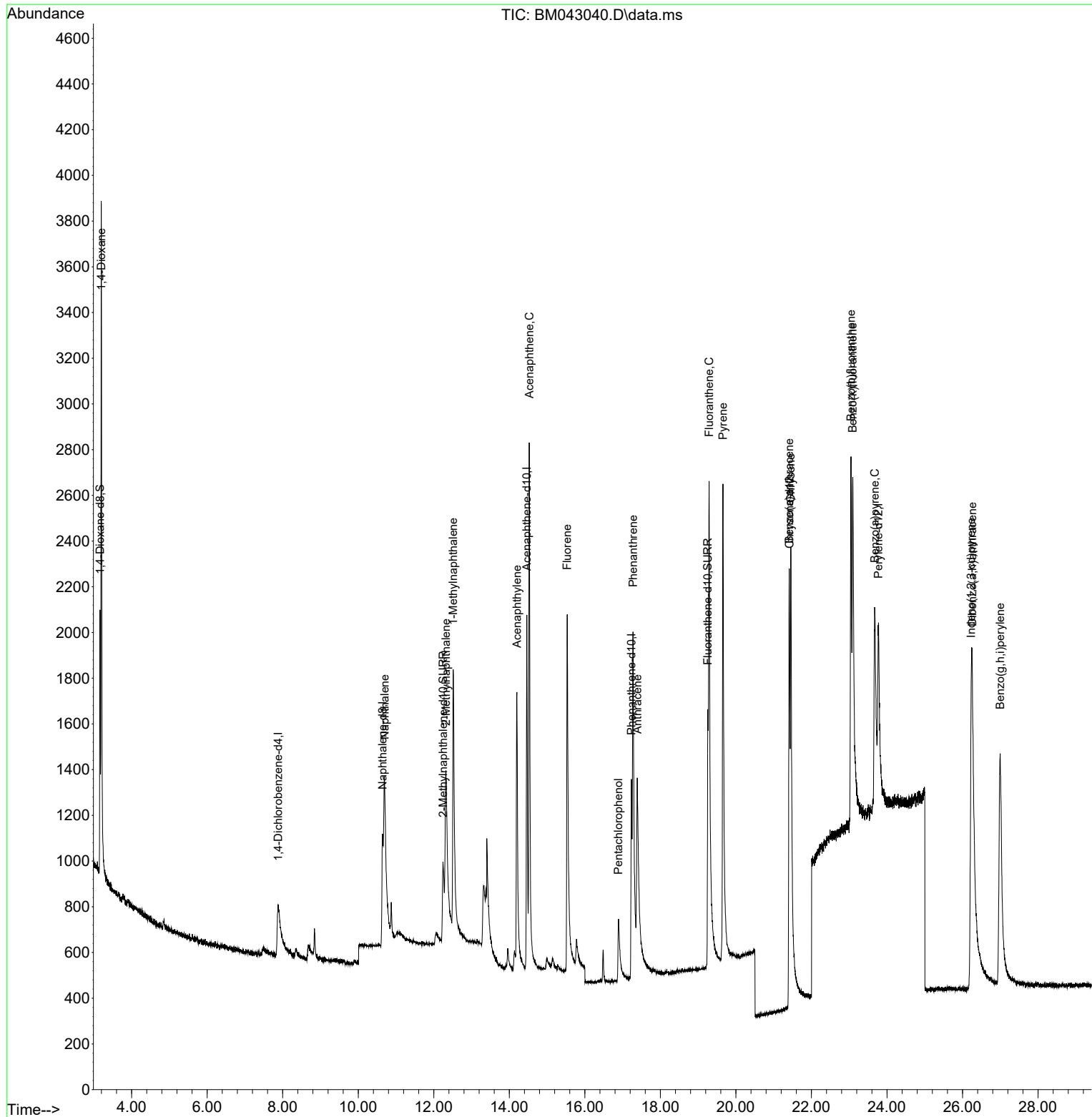
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	538	0.400	ng/ul	0.00
4) Naphthalene-d8	10.644	136	1849	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	1081	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.233	188	2176	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	1277	0.400	ng/ul	0.00
23) Perylene-d12	23.774	264	1642	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	825	0.999	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	1241	0.502	ng/ul	0.00
18) Fluoranthene-d10	19.256	212	2228	0.479	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.198	88	2195	2.476	ng/ul#	84
5) Naphthalene	10.699	128	2118	0.421	ng/ul	99
7) 2-Methylnaphthalene	12.321	142	1269	0.428	ng/ul	98
8) 1-Methylnaphthalene	12.514	142	1319	0.399	ng/ul	99
10) Acenaphthylene	14.200	152	2377	0.431	ng/ul	100
11) Acenaphthene	14.529	153	1824	0.436	ng/ul	98
12) Fluorene	15.533	166	1895	0.442	ng/ul	96
14) Pentachlorophenol	16.891	266	480	0.815	ng/ul	99
15) Phenanthrene	17.275	178	2647	0.426	ng/ul	99
16) Anthracene	17.389	178	2531	0.430	ng/ul	96
19) Fluoranthene	19.289	202	3162	0.437	ng/ul	99
20) Pyrene	19.656	202	3318	0.431	ng/ul	98
21) Benzo(a)anthracene	21.409	228	1935	0.467	ng/ul	99
22) Chrysene	21.453	228	3329	0.431	ng/ul	99
24) Benzo(b)fluoranthene	23.049	252	2675	0.483	ng/ul	97
25) Benzo(k)fluoranthene	23.093	252	3820	0.501	ng/ul	98
26) Benzo(a)pyrene	23.674	252	2824	0.467	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.229	276	4028	0.492	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.259	278	3197	0.505	ng/ul	94
29) Benzo(g,h,i)perylene	26.997	276	3860	0.485	ng/ul	99

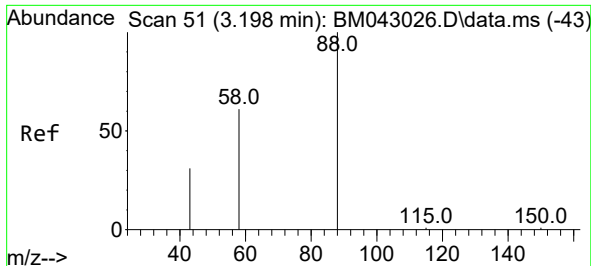
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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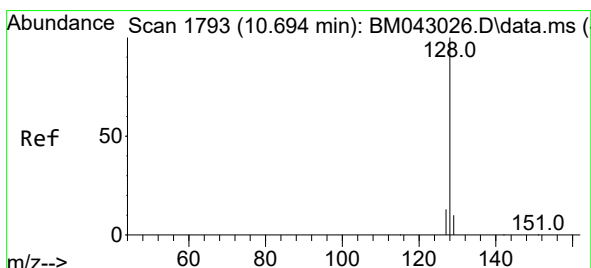
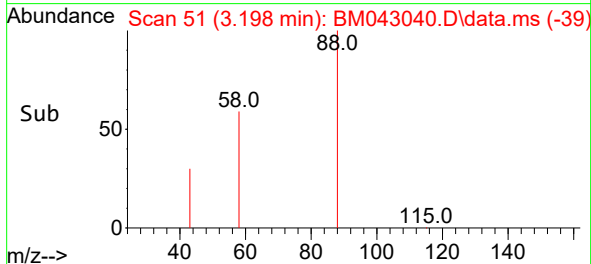
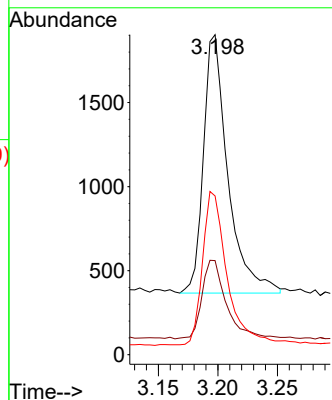
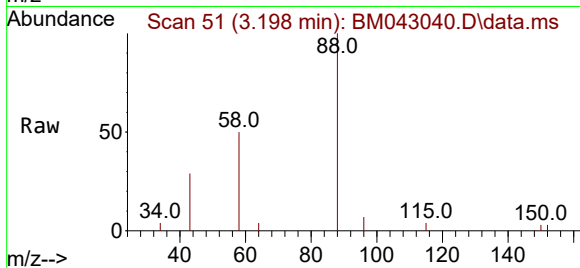




#2
1,4-Dioxane
Concen: 2.476 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45

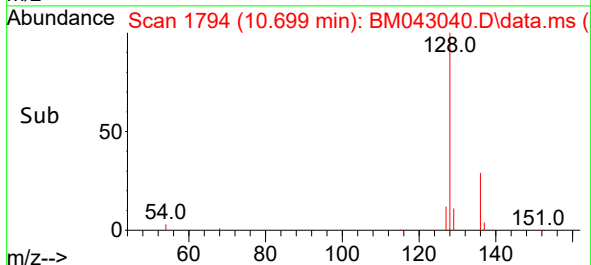
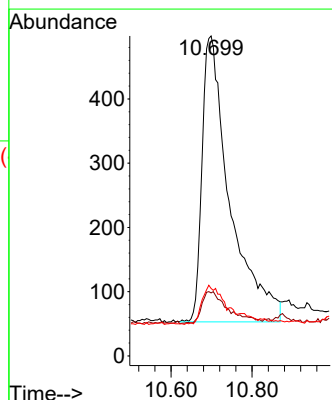
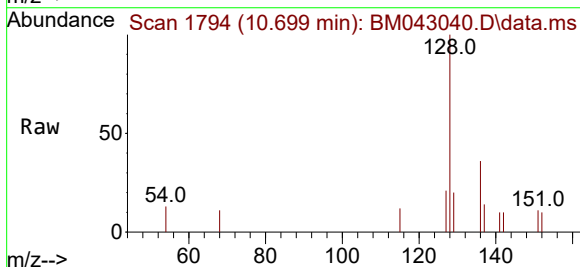
Instrument :
BNA_M
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SLCS274

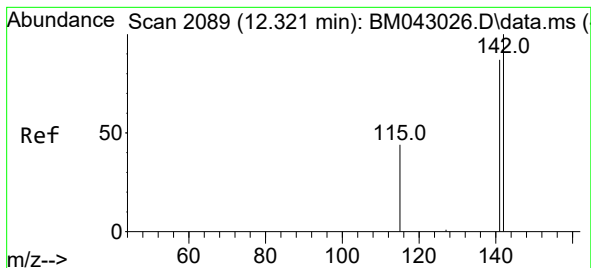
Tgt Ion: 88 Resp: 2195
Ion Ratio Lower Upper
88 100
43 29.4 22.8 34.2
58 49.6 26.8 40.2#



#5
Naphthalene
Concen: 0.421 ng/ul
RT: 10.699 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45

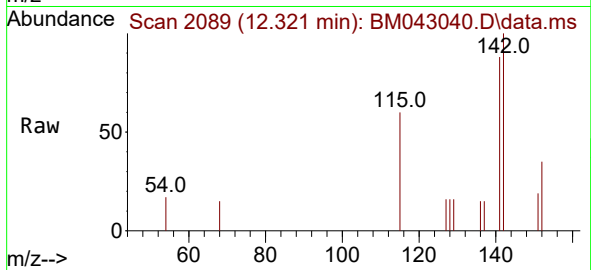
Tgt Ion: 128 Resp: 2118
Ion Ratio Lower Upper
128 100
129 19.7 16.0 24.0
127 21.1 16.5 24.7



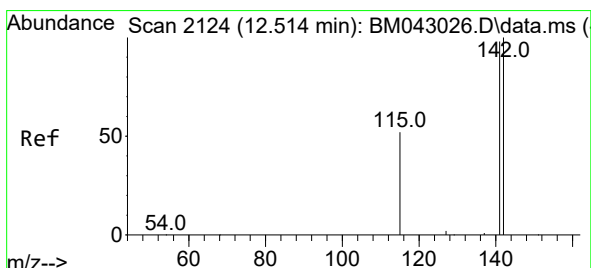
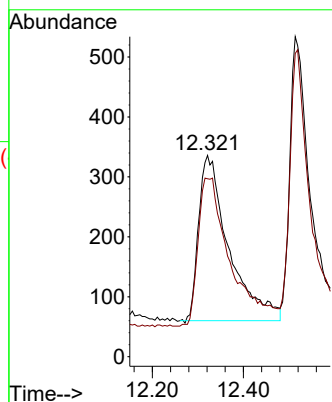
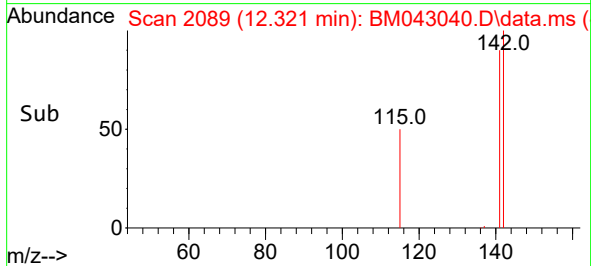


#7
2-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.321 min Scan# 2089
Delta R.T. -0.011 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45

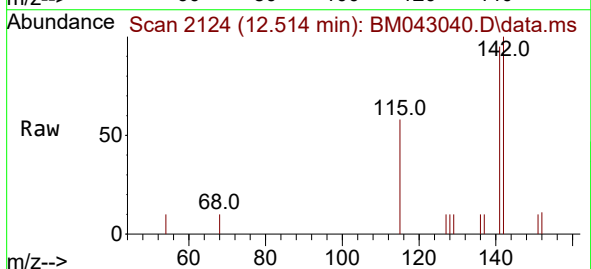
Instrument :
BNA_M
ClientSampleId :
SLCS274



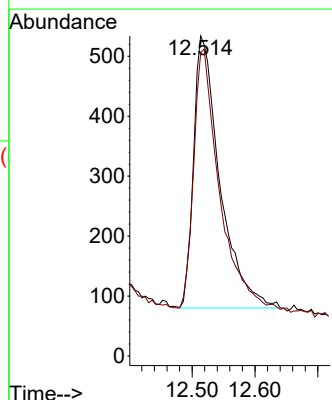
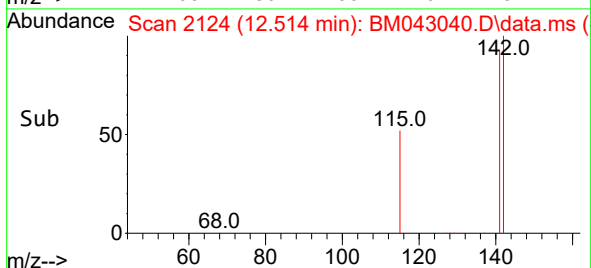
Tgt Ion:142 Resp: 1269
Ion Ratio Lower Upper
142 100
141 96.8 76.1 114.1

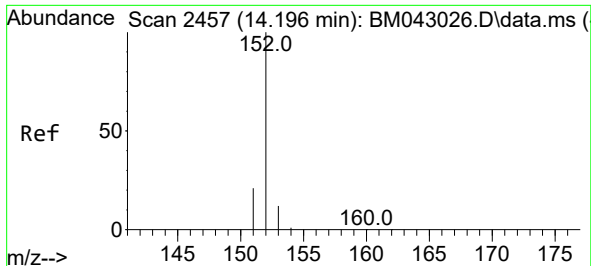


#8
1-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.514 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45



Tgt Ion:142 Resp: 1319
Ion Ratio Lower Upper
142 100
141 93.3 73.8 110.8

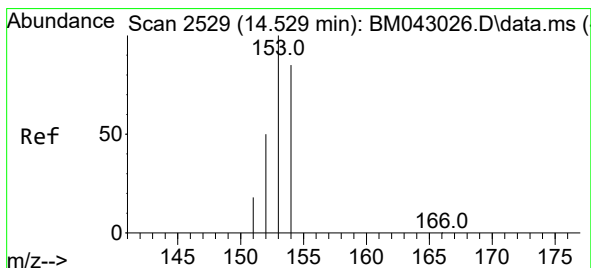
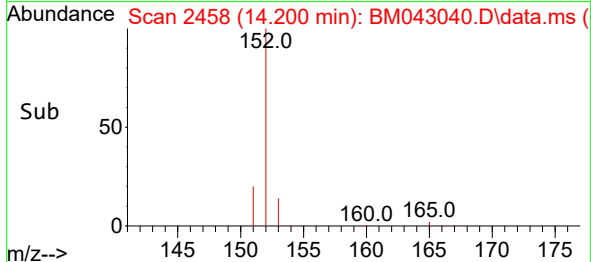
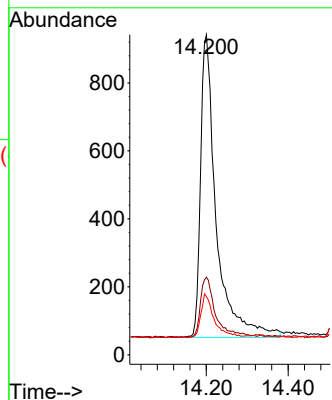
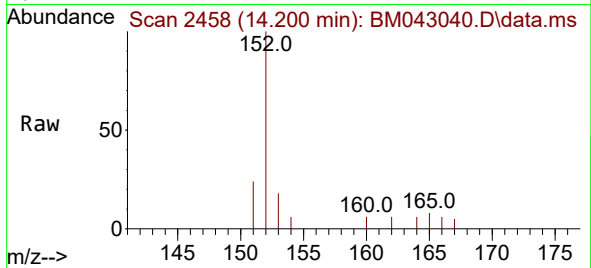




#10
Acenaphthylene
Concen: 0.431 ng/ul
RT: 14.200 min Scan# 2457
Delta R.T. -0.004 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45

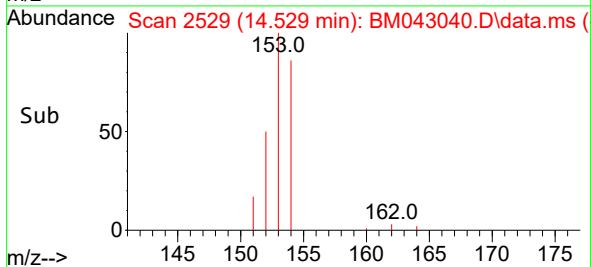
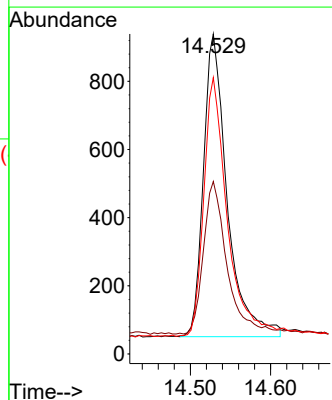
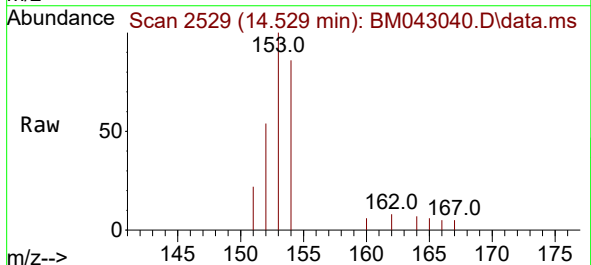
Instrument :
BNA_M
ClientSampleId :
SLCS274

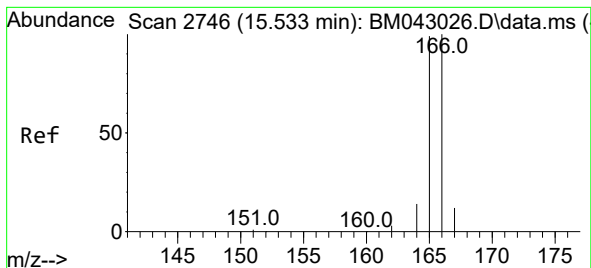
Tgt Ion:152 Resp: 2377
Ion Ratio Lower Upper
152 100
151 24.2 19.4 29.0
153 18.2 14.6 21.8



#11
Acenaphthene
Concen: 0.436 ng/ul
RT: 14.529 min Scan# 2529
Delta R.T. -0.004 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45

Tgt Ion:153 Resp: 1824
Ion Ratio Lower Upper
153 100
152 53.9 43.9 65.9
154 86.4 70.6 105.8





#12

Fluorene

Concen: 0.442 ng/ul

RT: 15.533 min Scan# 21

Delta R.T. -0.004 min

Lab File: BM043040.D

Acq: 26 Nov 2023 06:45

Instrument :

BNA_M

ClientSampleId :

SLCS274

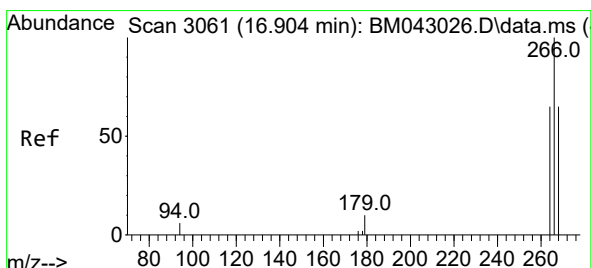
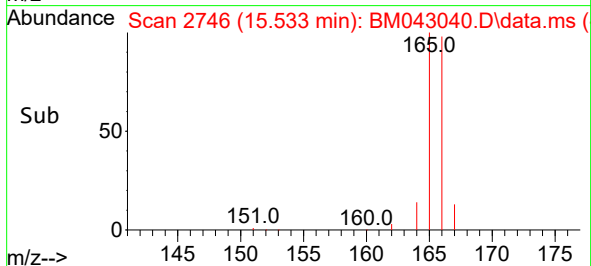
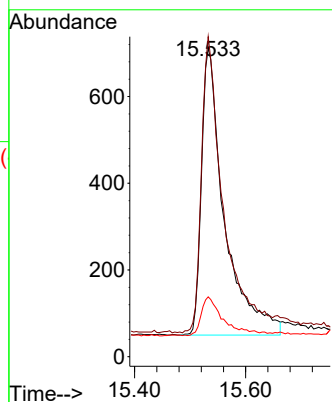
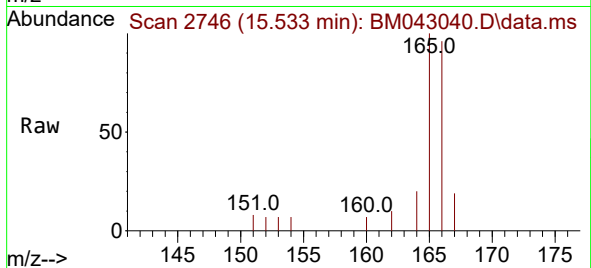
Tgt Ion:166 Resp: 1895

Ion Ratio Lower Upper

166 100

165 103.7 79.9 119.9

167 19.4 14.2 21.4



#14

Pentachlorophenol

Concen: 0.815 ng/ul

RT: 16.891 min Scan# 3058

Delta R.T. -0.021 min

Lab File: BM043040.D

Acq: 26 Nov 2023 06:45

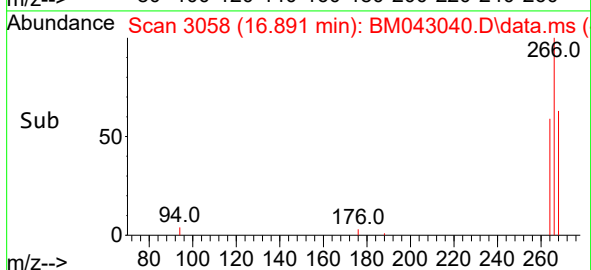
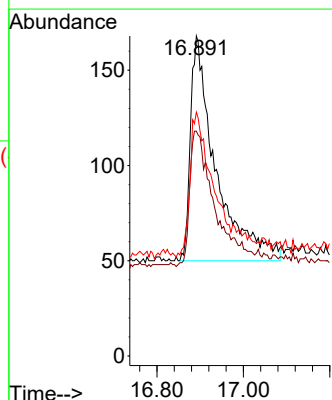
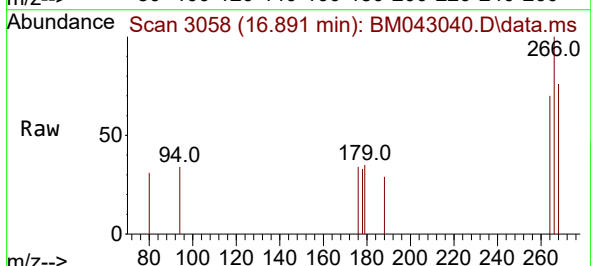
Tgt Ion:266 Resp: 480

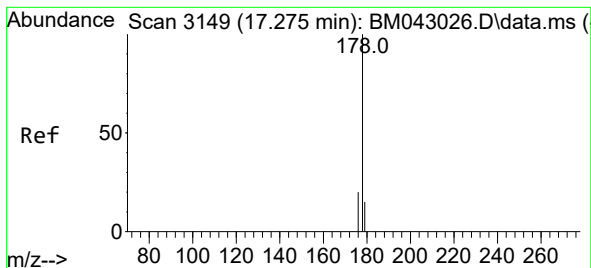
Ion Ratio Lower Upper

266 100

264 60.2 48.8 73.2

268 65.6 51.8 77.6





#15

Phenanthrene

Concen: 0.426 ng/ul

RT: 17.275 min Scan# 3149

Delta R.T. -0.004 min

Lab File: BM043040.D

Acq: 26 Nov 2023 06:45

Instrument :

BNA_M

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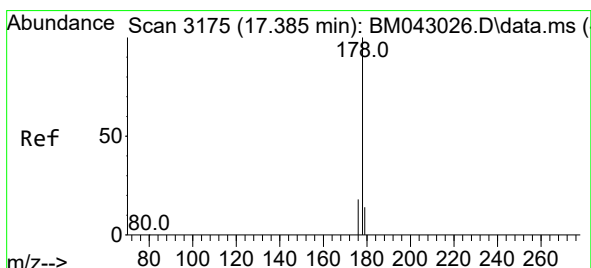
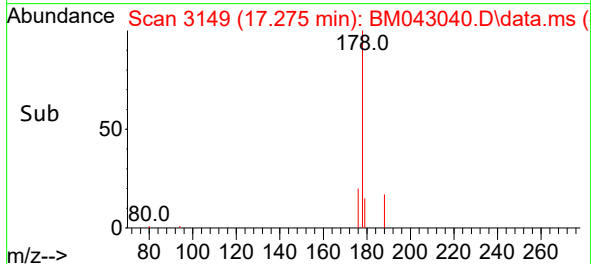
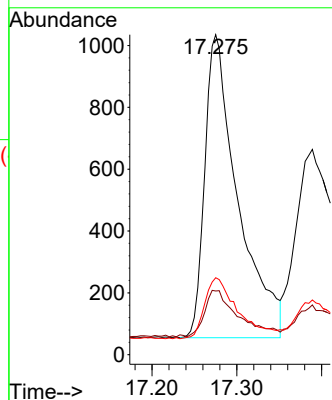
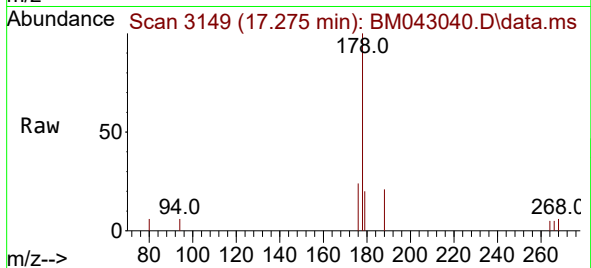
Tgt Ion:178 Resp: 2647

Ion Ratio Lower Upper

178 100

179 19.9 15.7 23.5

176 24.1 18.9 28.3



#16

Anthracene

Concen: 0.430 ng/ul

RT: 17.389 min Scan# 3176

Delta R.T. -0.004 min

Lab File: BM043040.D

Acq: 26 Nov 2023 06:45

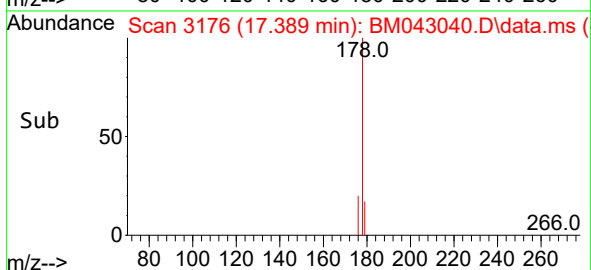
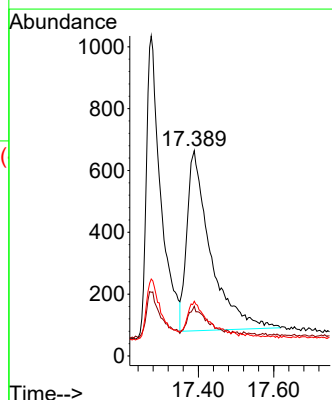
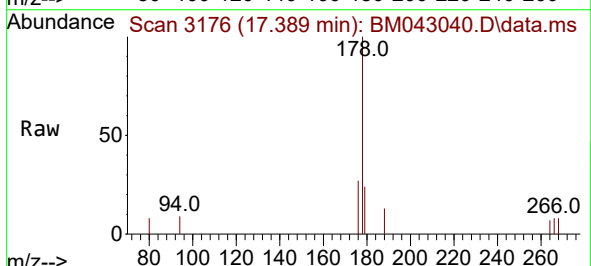
Tgt Ion:178 Resp: 2531

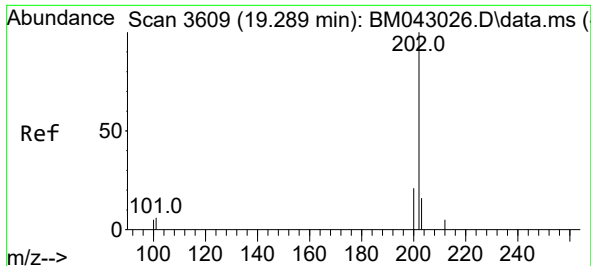
Ion Ratio Lower Upper

178 100

179 24.2 17.3 25.9

176 26.7 20.5 30.7

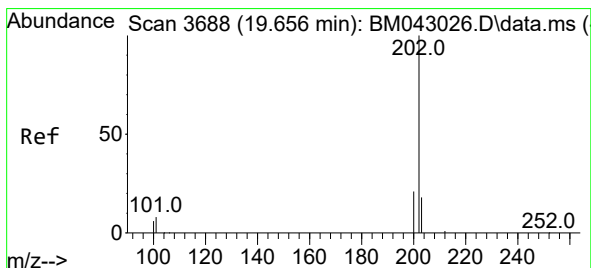
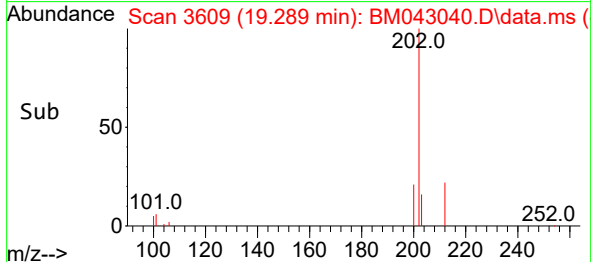
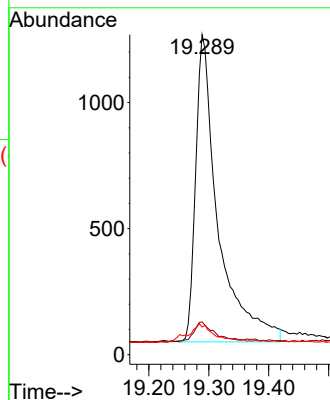
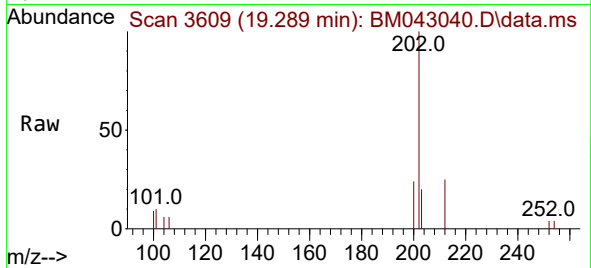




#19
Fluoranthene
Concen: 0.437 ng/ul
RT: 19.289 min Scan# 3609
Delta R.T. -0.004 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45

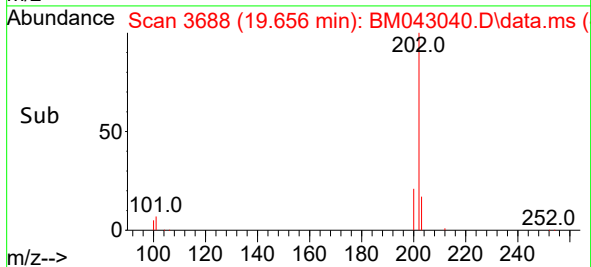
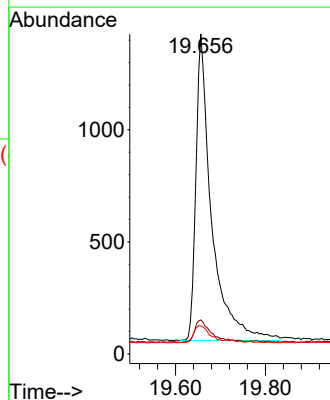
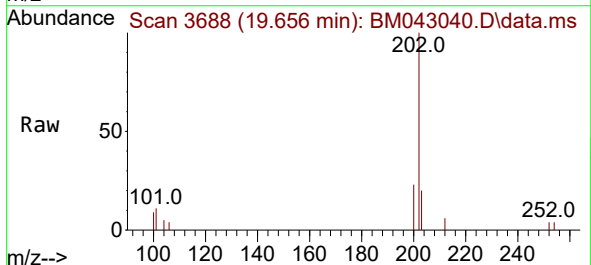
Instrument :
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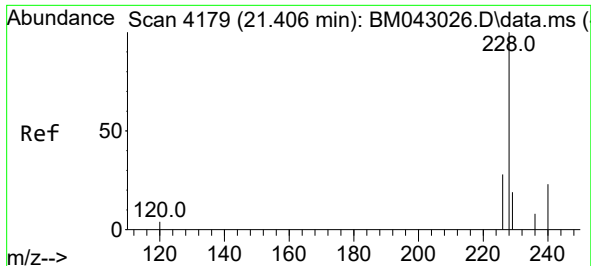
Tgt Ion:202 Resp: 3162
Ion Ratio Lower Upper
202 100
101 10.2 7.8 11.8
100 8.7 7.1 10.7



#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.656 min Scan# 3688
Delta R.T. -0.004 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45

Tgt Ion:202 Resp: 3318
Ion Ratio Lower Upper
202 100
101 10.6 8.7 13.1
100 8.8 7.8 11.8

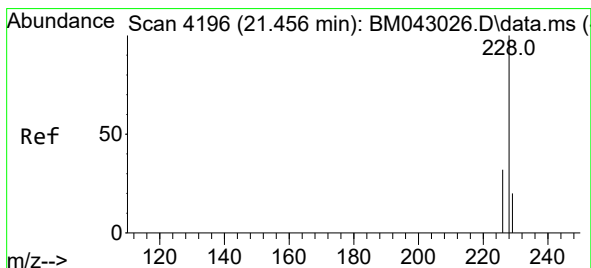
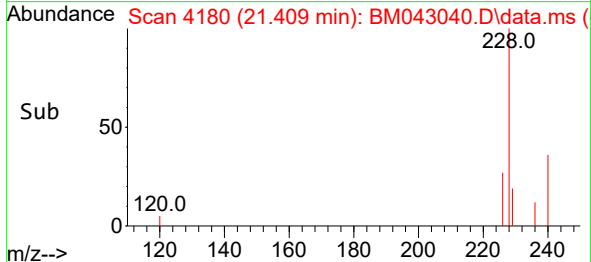
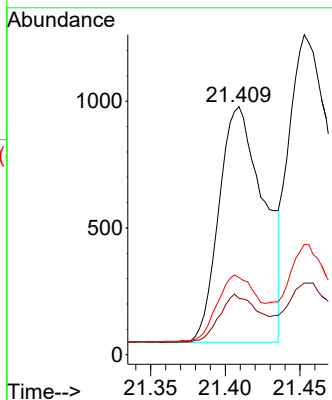
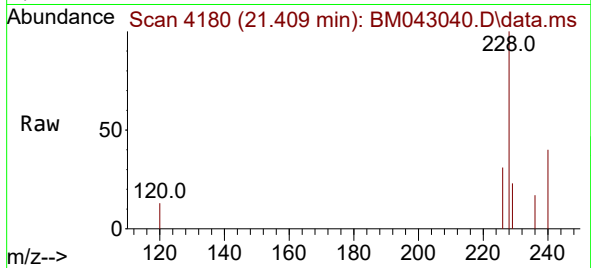




#21
Benzo(a)anthracene
Concen: 0.467 ng/ul
RT: 21.409 min Scan# 4179
Delta R.T. -0.003 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45

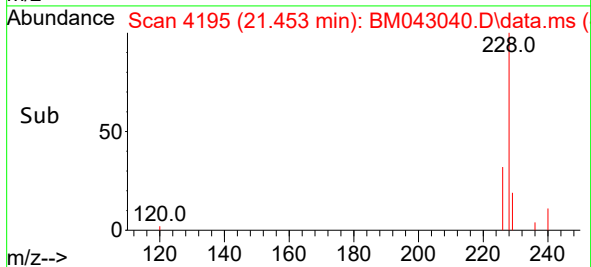
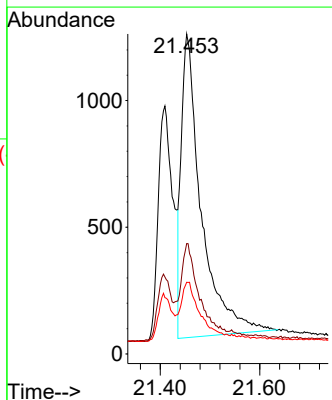
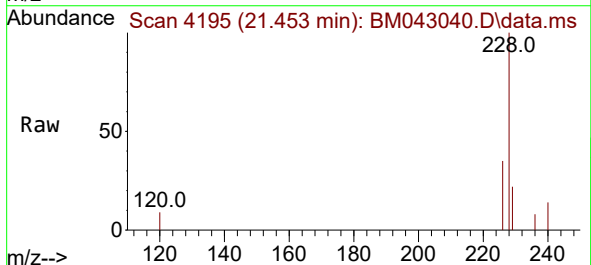
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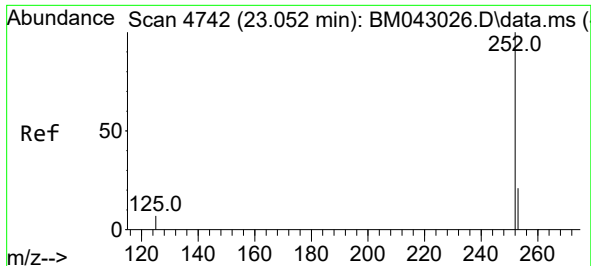
Tgt Ion:228 Resp: 1935
Ion Ratio Lower Upper
228 100
229 22.7 19.4 29.0
226 31.1 24.9 37.3



#22
Chrysene
Concen: 0.431 ng/ul
RT: 21.453 min Scan# 4195
Delta R.T. -0.006 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45

Tgt Ion:228 Resp: 3329
Ion Ratio Lower Upper
228 100
226 34.5 27.2 40.8
229 22.4 18.0 27.0

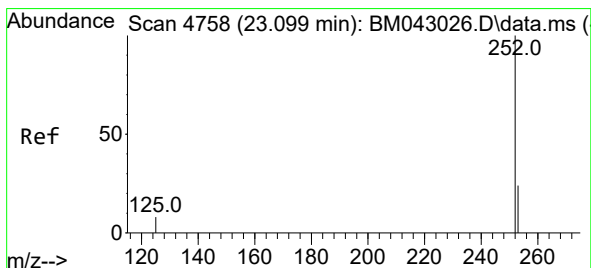
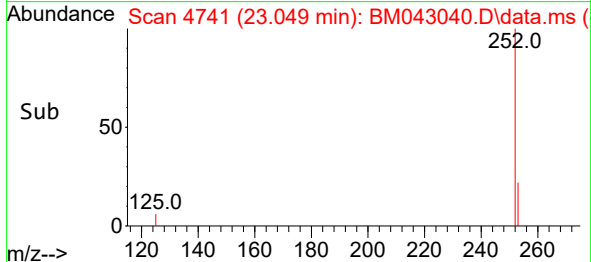
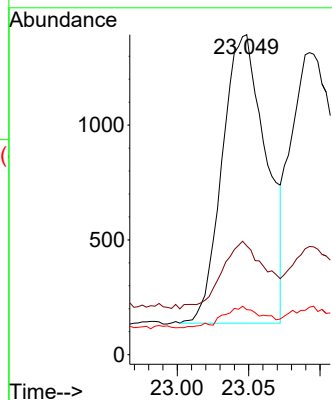
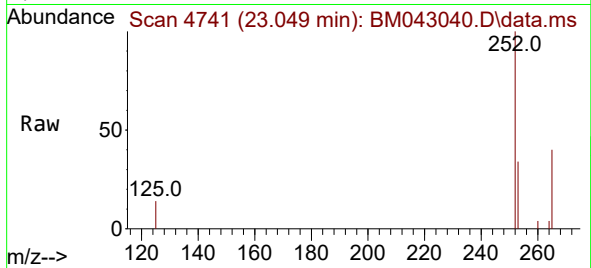




#24
Benzo(b)fluoranthene
Concen: 0.483 ng/ul
RT: 23.049 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45

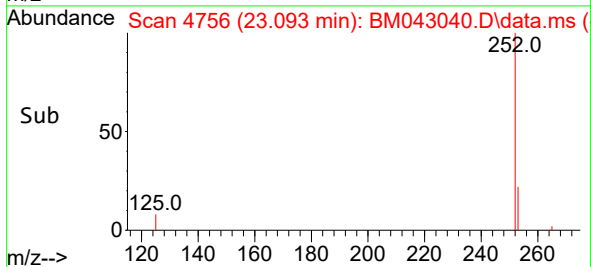
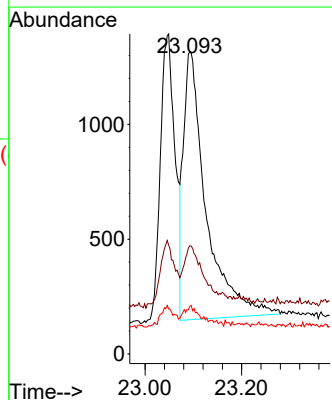
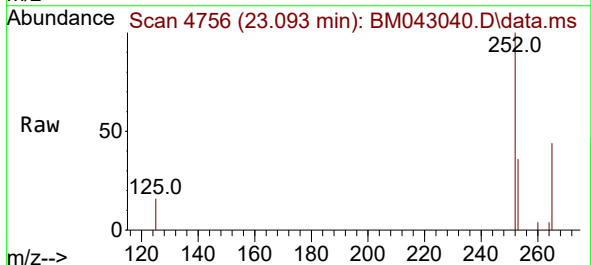
Instrument :
BNA_M
ClientSampleId :
SLCS274

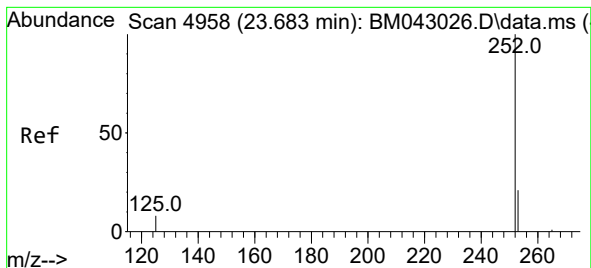
Tgt Ion:252 Resp: 2675
Ion Ratio Lower Upper
252 100
253 34.0 0.0 71.8
125 14.1 0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.501 ng/ul
RT: 23.093 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45

Tgt Ion:252 Resp: 3820
Ion Ratio Lower Upper
252 100
253 35.8 28.2 42.2
125 15.7 11.0 16.6





#26

Benzo(a)pyrene

Concen: 0.467 ng/ul

RT: 23.674 min Scan# 4955

Delta R.T. -0.012 min

Lab File: BM043040.D

Acq: 26 Nov 2023 06:45

Instrument :

BNA_M

ClientSampleId :

SLCS274

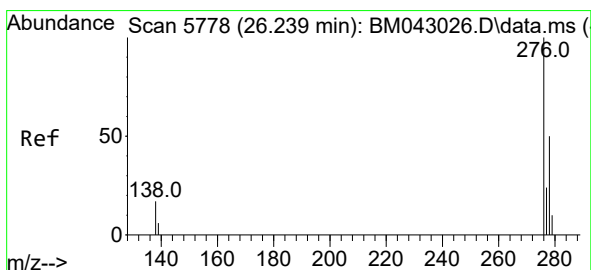
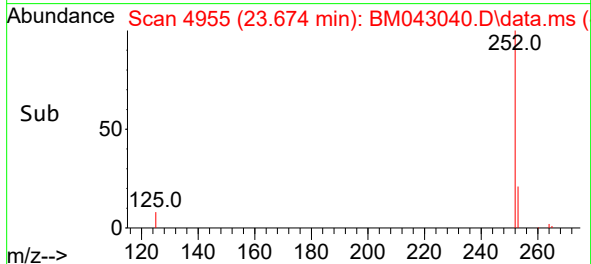
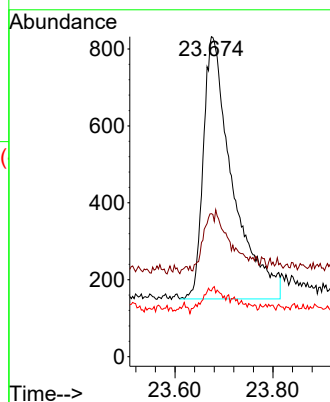
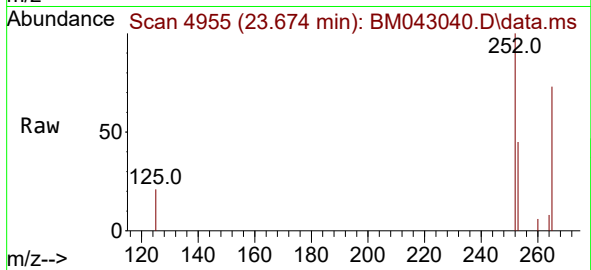
Tgt Ion:252 Resp: 2824

Ion Ratio Lower Upper

252 100

253 44.7 36.6 55.0

125 20.6 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.492 ng/ul

RT: 26.229 min Scan# 5775

Delta R.T. -0.010 min

Lab File: BM043040.D

Acq: 26 Nov 2023 06:45

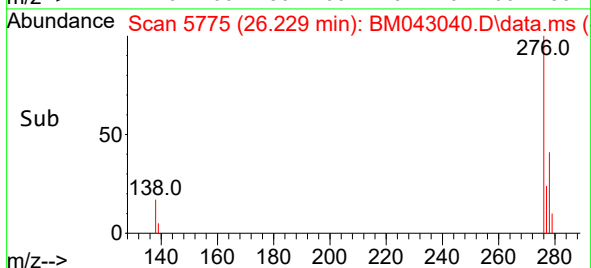
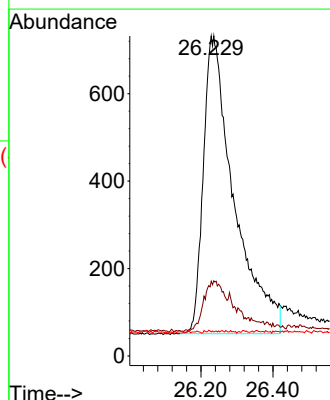
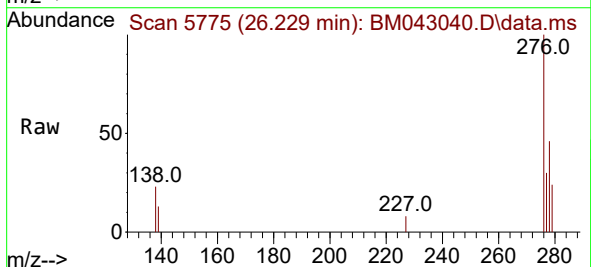
Tgt Ion:276 Resp: 4028

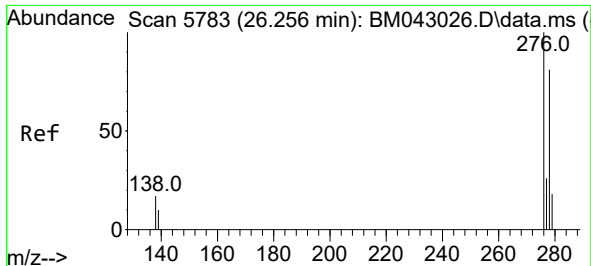
Ion Ratio Lower Upper

276 100

138 17.8 0.0 0.0#

227 0.1 0.2 0.2#

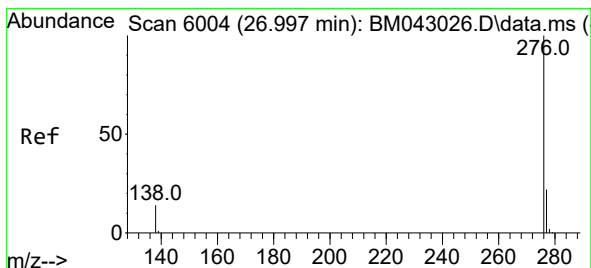
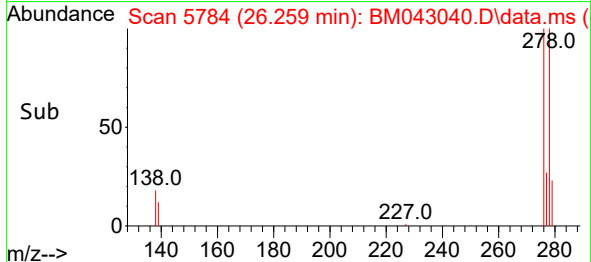
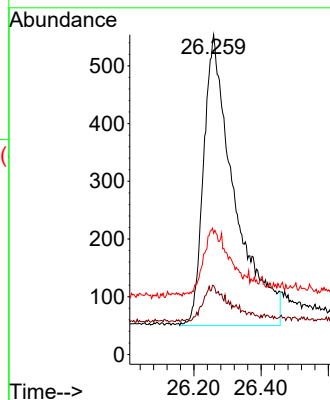
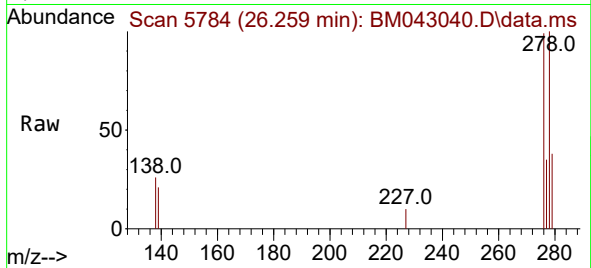




#28
Dibenzo(a,h)anthracene
Concen: 0.505 ng/ul
RT: 26.259 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45

Instrument :
BNA_M
ClientSampleId :
SLCS274

Tgt Ion:278 Resp: 3197
Ion Ratio Lower Upper
278 100
139 21.5 18.1 27.1
279 37.9 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.485 ng/ul
RT: 26.997 min Scan# 6004
Delta R.T. -0.013 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:45

Tgt Ion:276 Resp: 3860
Ion Ratio Lower Upper
276 100
138 21.8 17.8 26.8
277 30.3 23.8 35.8

