

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040326.D
 Acq On : 19 Jun 2023 22:57
 Operator : MA/JU
 Sample : 03080-17DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ6DL

Quant Time: Jun 20 00:52:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

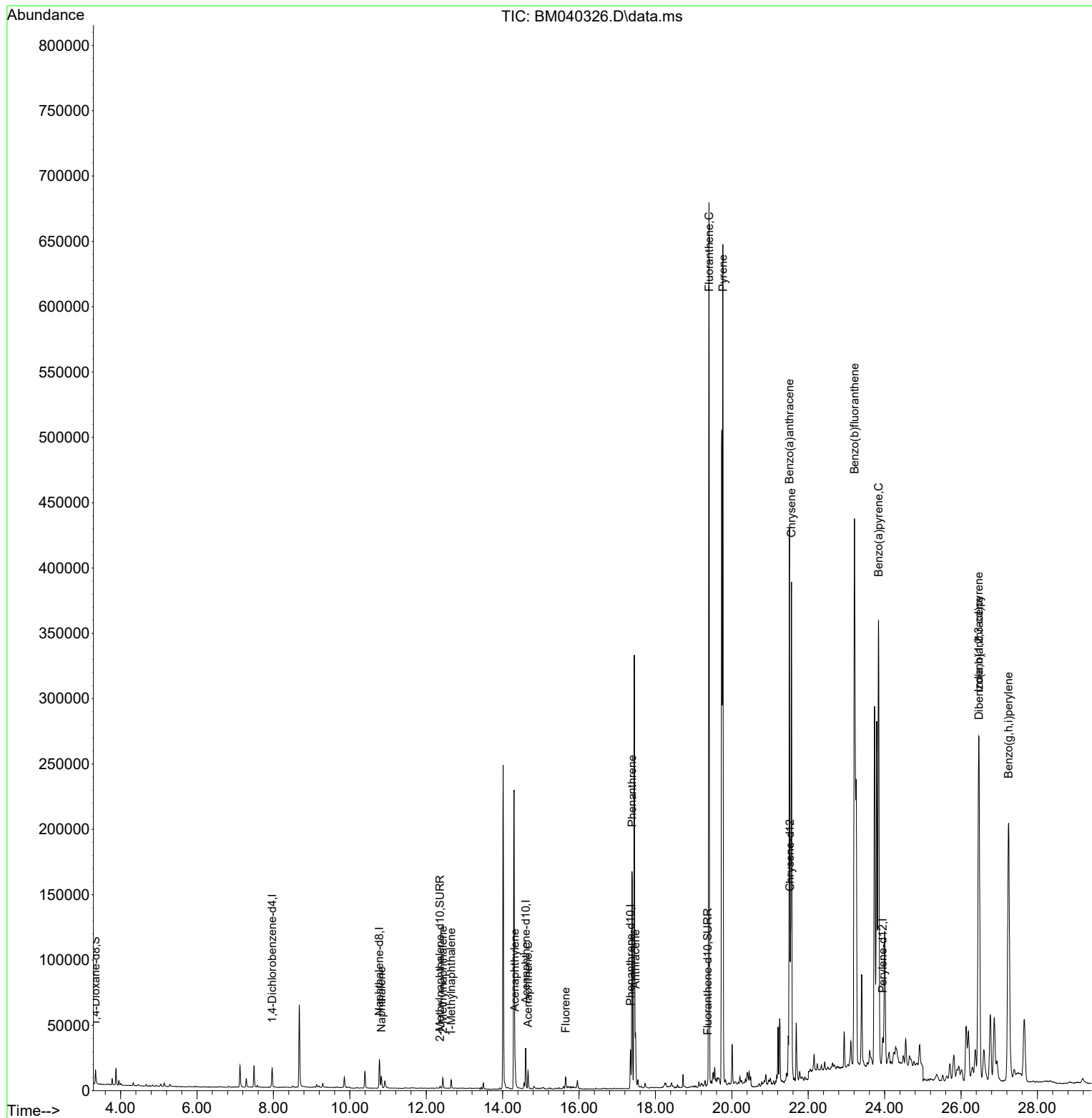
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	7802	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	30619	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.605	164	16905	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	34276	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	28051	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	28201	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	6907	0.717	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	2237	0.058	ng/ul	-0.01
18) Fluoranthene-d10	19.370	212	4436	0.063	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.827	128	12423	0.171	ng/ul	96
7) 2-Methylnaphthalene	12.433	142	5849	0.130	ng/ul	99
8) 1-Methylnaphthalene	12.653	142	4502	0.095	ng/ul	99
10) Acenaphthylene	14.323	152	20132	0.340	ng/ul	98
11) Acenaphthene	14.665	153	7601	0.150	ng/ul	98
12) Fluorene	15.650	166	5634	0.100	ng/ul#	97
15) Phenanthrene	17.387	178	170210	1.889	ng/ul	99
16) Anthracene	17.480	178	35798	0.469	ng/ul	100
19) Fluoranthene	19.403	202	543274	5.686	ng/ul	98
20) Pyrene	19.765	202	515913	5.197	ng/ul	98
21) Benzo(a)anthracene	21.509	228	352015	4.252	ng/ul	98
22) Chrysene	21.561	228	379302	4.337	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	724390	6.968	ng/ul	92
26) Benzo(a)pyrene	23.841	252	504093	5.909	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.464	276	452356	4.189	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.474	278	113737	1.312	ng/ul	97
29) Benzo(g,h,i)perylene	27.245	276	447291	4.959	ng/ul	98

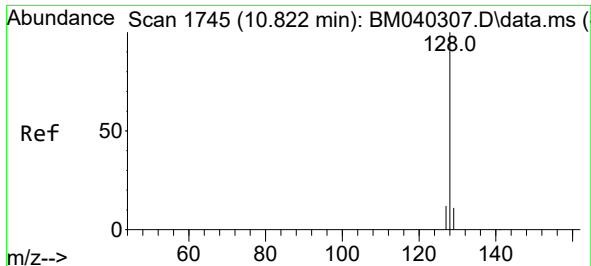
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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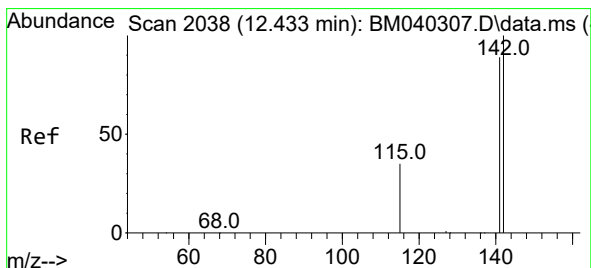
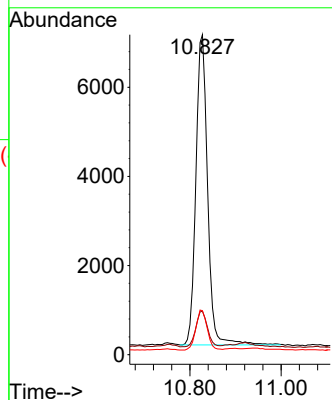
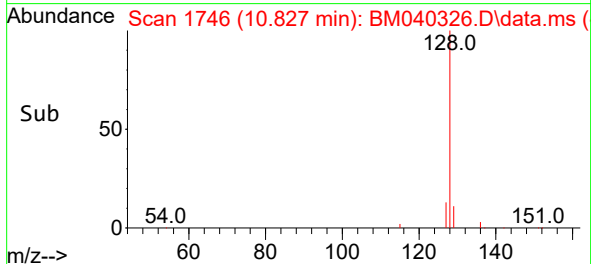
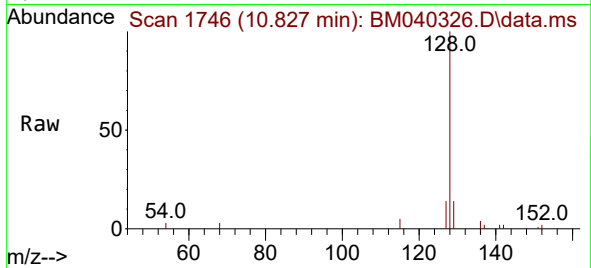




#5
Naphthalene
Concen: 0.171 ng/ul
RT: 10.827 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

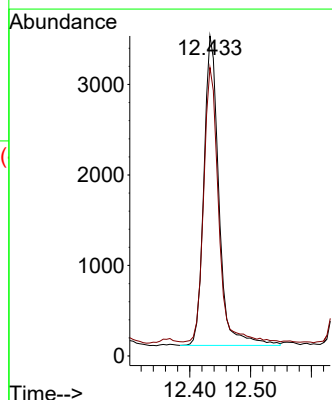
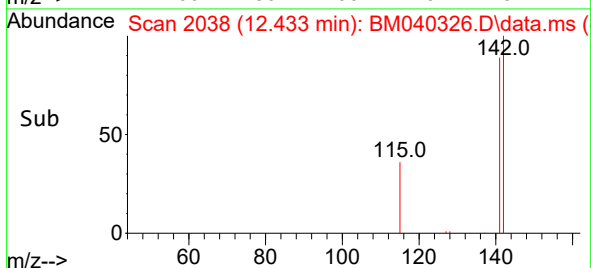
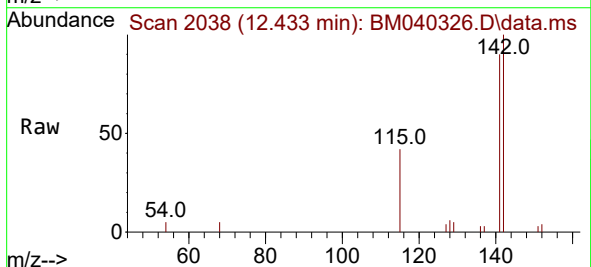
Instrument :
BNA_M
ClientSampleId :
DCFJ6DL

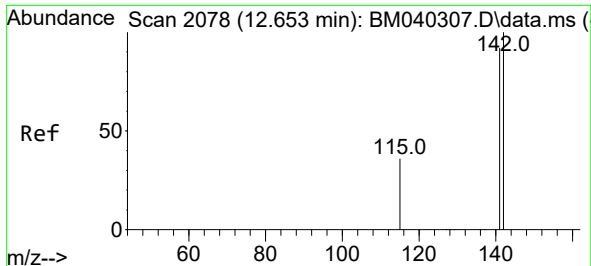
Tgt Ion:128 Resp: 12423
Ion Ratio Lower Upper
128 100
129 13.6 9.1 13.7
127 13.8 10.4 15.6



#7
2-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.433 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

Tgt Ion:142 Resp: 5849
Ion Ratio Lower Upper
142 100
141 87.3 70.6 106.0

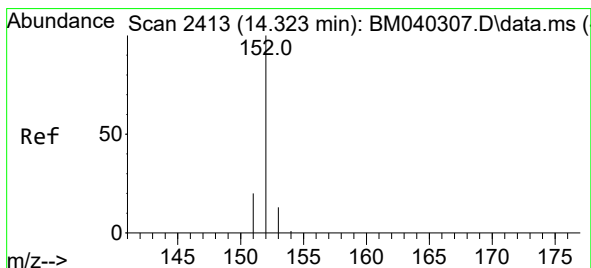
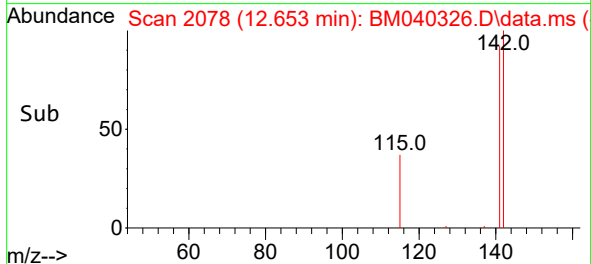
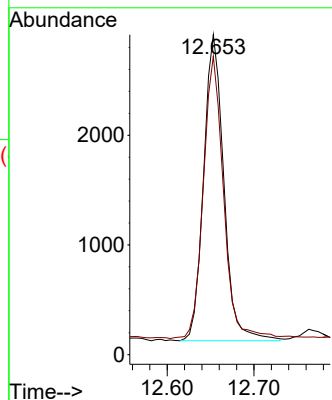
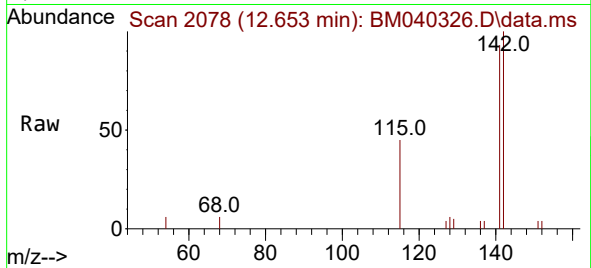




#8
1-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.653 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

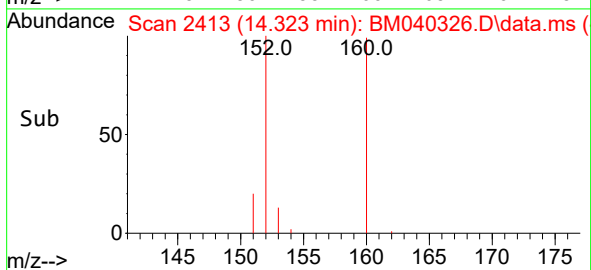
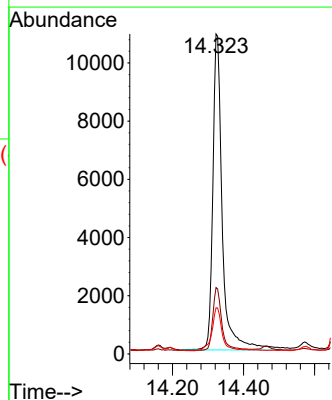
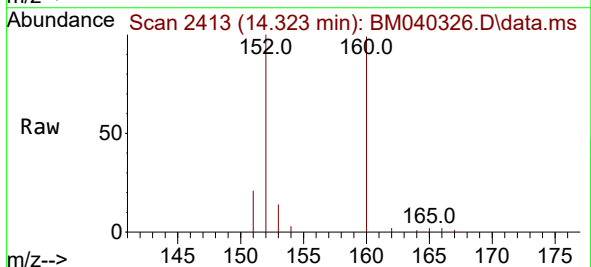
Instrument :
BNA_M
ClientSampleId :
DCFJ6DL

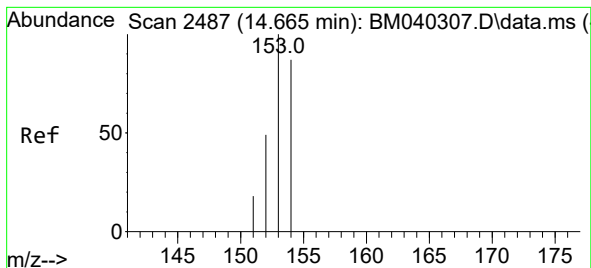
Tgt Ion:142 Resp: 4502
Ion Ratio Lower Upper
142 100
141 92.3 73.0 109.4



#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.323 min Scan# 2413
Delta R.T. -0.009 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

Tgt Ion:152 Resp: 20132
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.5 10.7 16.1





#11

Acenaphthene

Concen: 0.150 ng/ul

RT: 14.665 min Scan# 2487

Delta R.T. -0.009 min

Lab File: BM040326.D

Acq: 19 Jun 2023 22:57

Instrument :

BNA_M

ClientSampleId :

DCFJ6DL

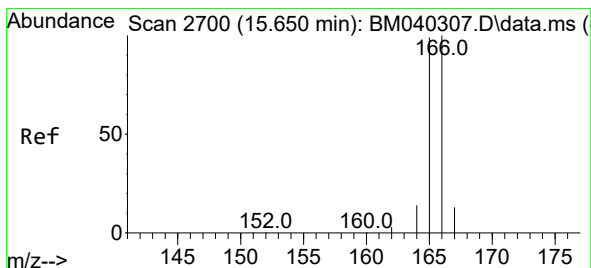
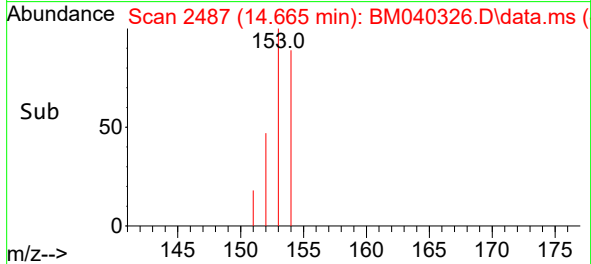
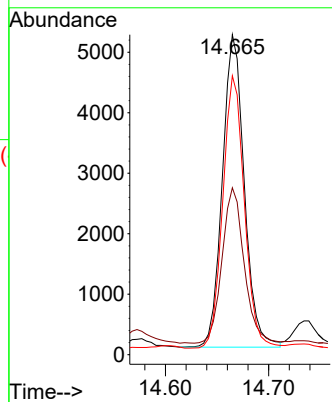
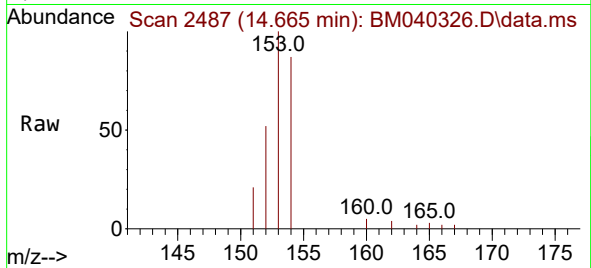
Tgt Ion:153 Resp: 7601

Ion Ratio Lower Upper

153 100

152 52.2 40.3 60.5

154 87.1 70.5 105.7



#12

Fluorene

Concen: 0.100 ng/ul

RT: 15.650 min Scan# 2700

Delta R.T. -0.009 min

Lab File: BM040326.D

Acq: 19 Jun 2023 22:57

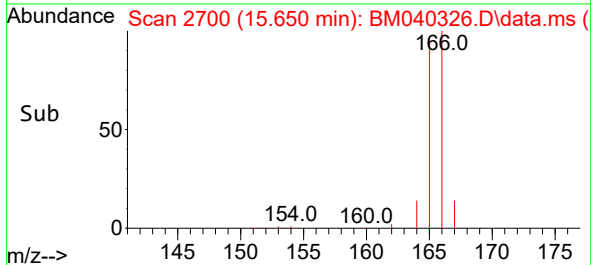
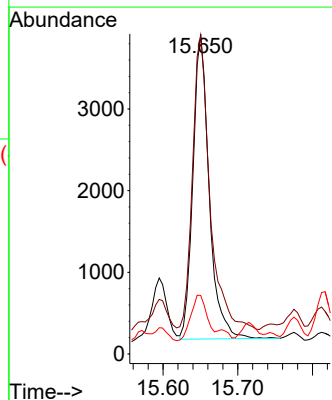
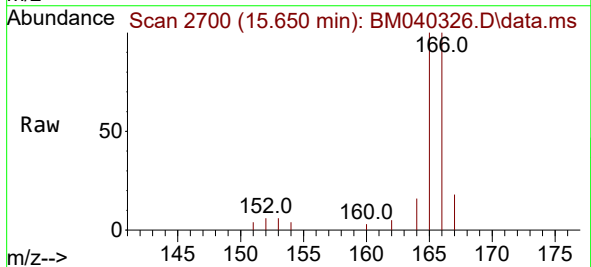
Tgt Ion:166 Resp: 5634

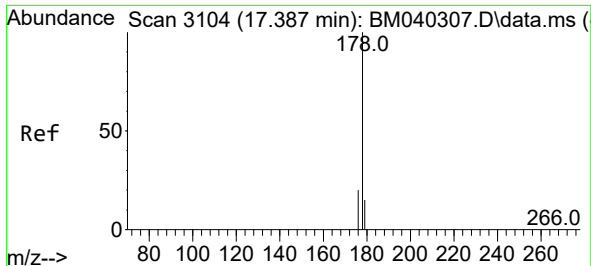
Ion Ratio Lower Upper

166 100

165 99.6 78.2 117.4

167 18.3 11.0 16.4#

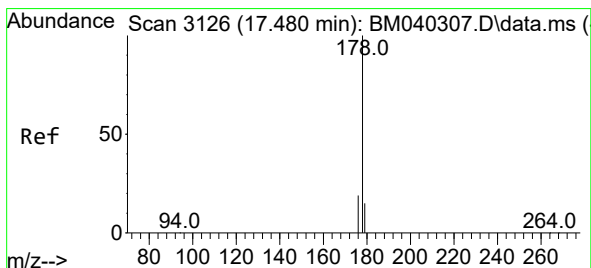
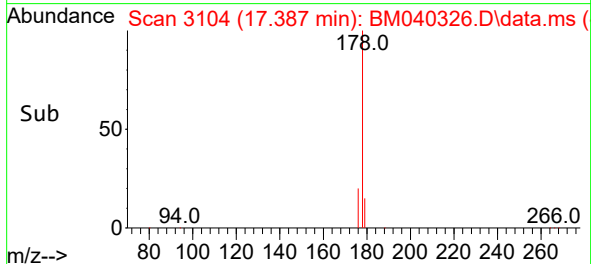
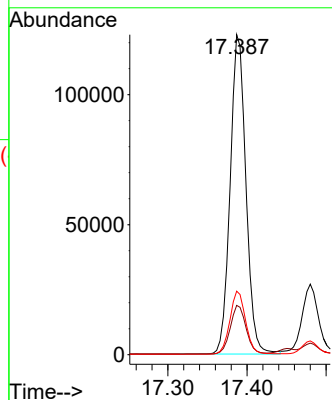
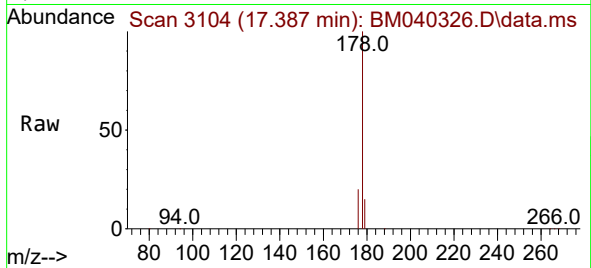




#15
Phenanthrene
Concen: 1.889 ng/ul
RT: 17.387 min Scan# 3104
Delta R.T. -0.009 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

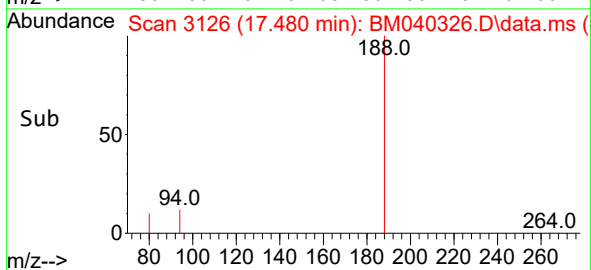
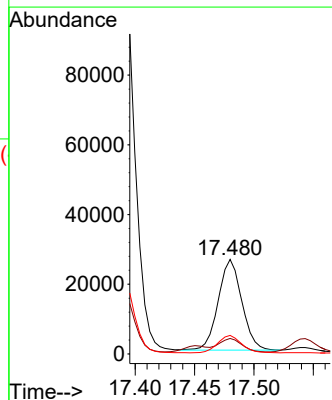
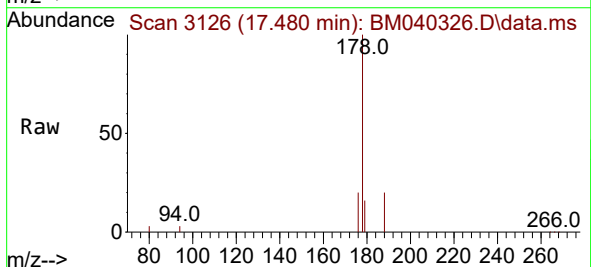
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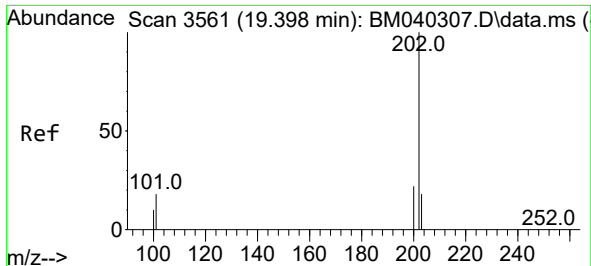
Tgt Ion:178 Resp: 170210
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.8 16.1 24.1



#16
Anthracene
Concen: 0.469 ng/ul
RT: 17.480 min Scan# 3126
Delta R.T. -0.009 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

Tgt Ion:178 Resp: 35798
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 19.6 15.5 23.3

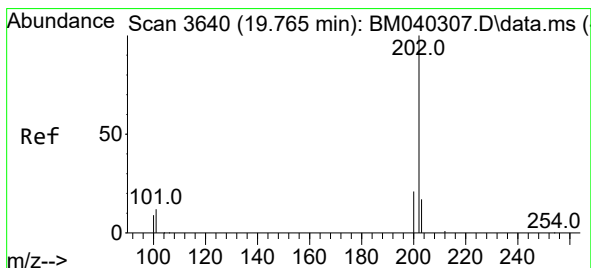
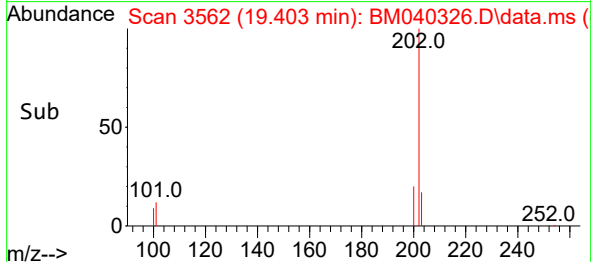
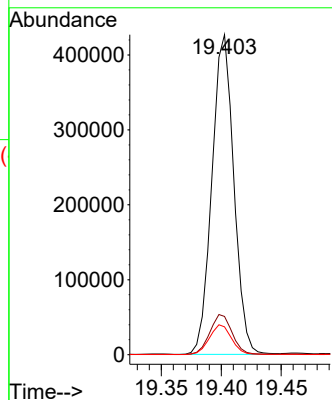
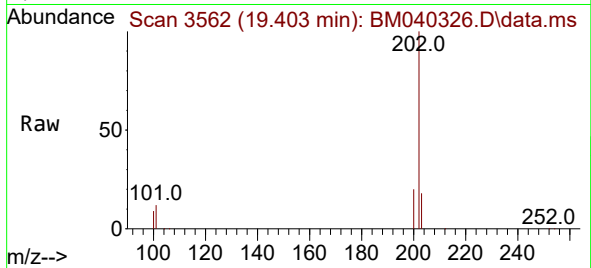




#19
Fluoranthene
Concen: 5.686 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

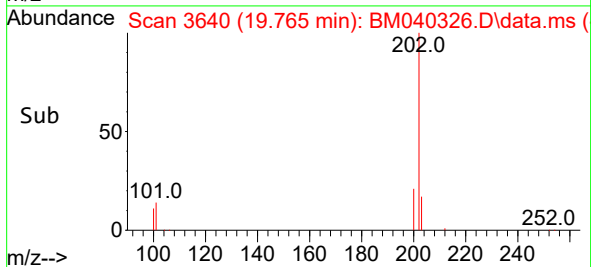
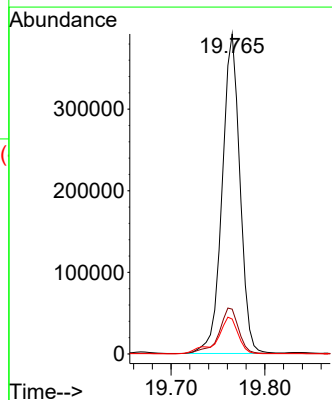
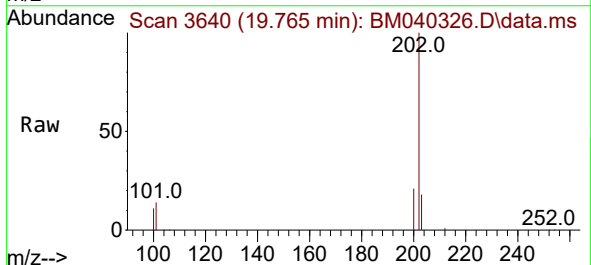
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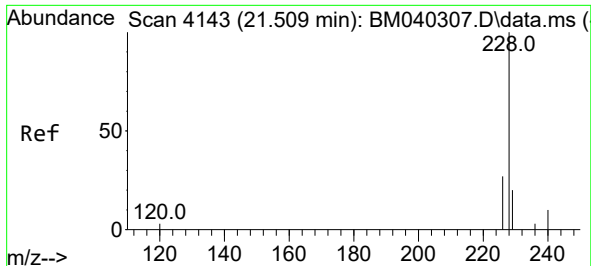
Tgt Ion:202 Resp: 543274
Ion Ratio Lower Upper
202 100
101 12.0 10.2 15.4
100 8.7 7.6 11.4



#20
Pyrene
Concen: 5.197 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

Tgt Ion:202 Resp: 515913
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.8
100 10.9 9.3 13.9

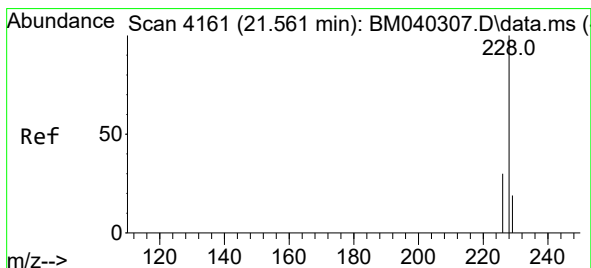
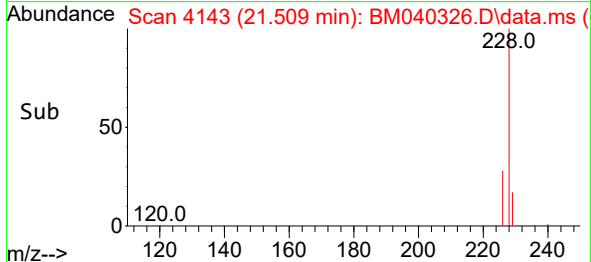
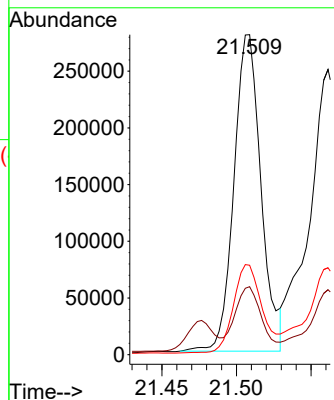
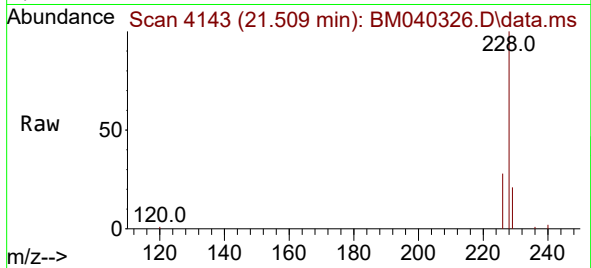




#21
Benzo(a)anthracene
Concen: 4.252 ng/ul
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

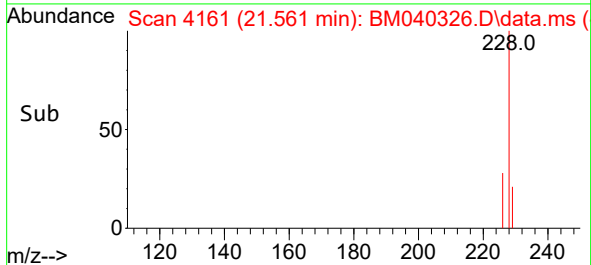
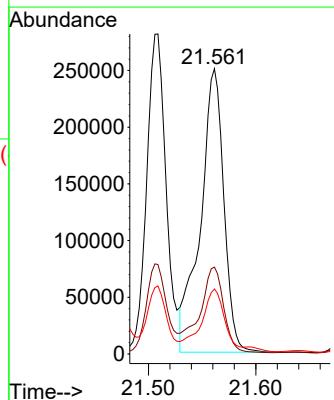
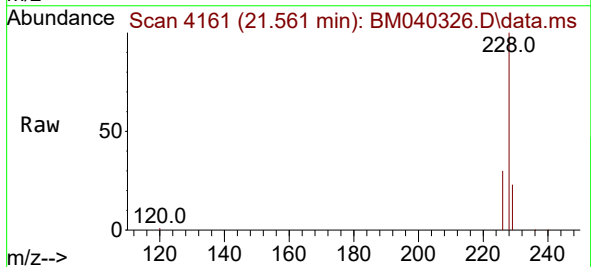
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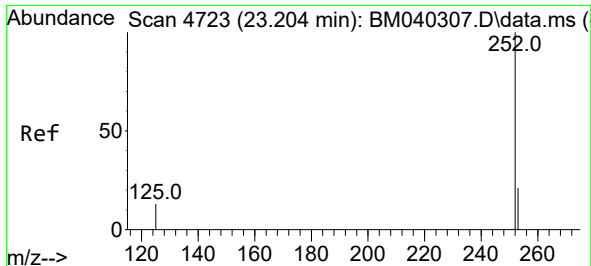
Tgt Ion:228 Resp: 352015
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.8
226 27.9 22.0 33.0



#22
Chrysene
Concen: 4.337 ng/ul
RT: 21.561 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

Tgt Ion:228 Resp: 379302
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.7 15.7 23.5

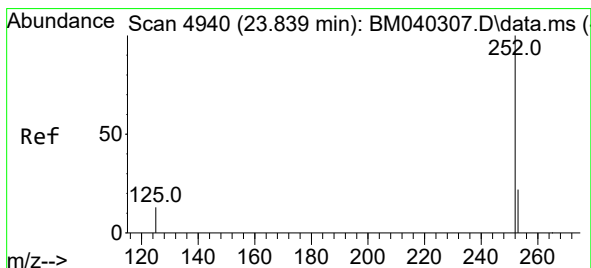
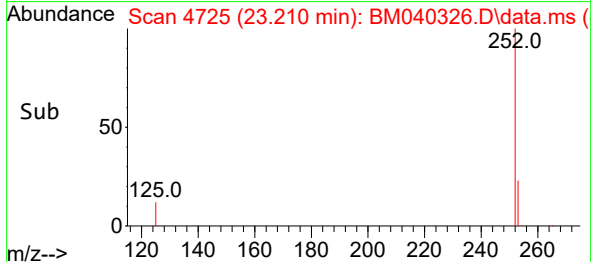
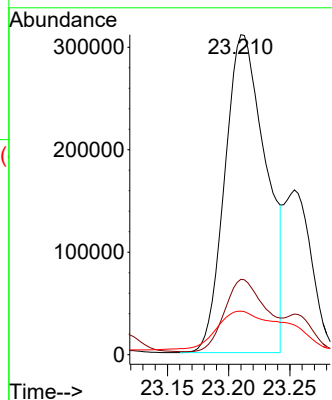
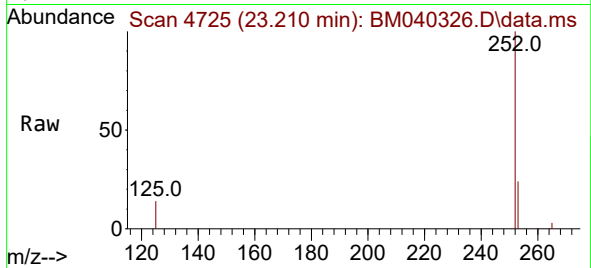




#24
Benzo(b)fluoranthene
Concen: 6.968 ng/ul
RT: 23.210 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

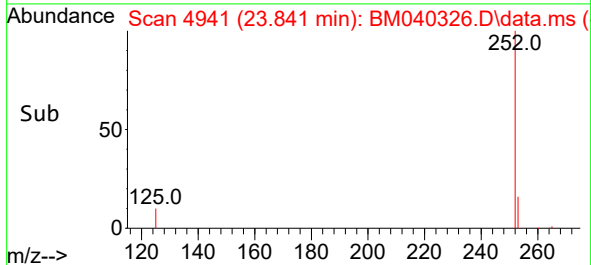
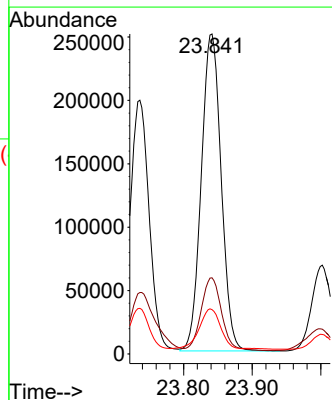
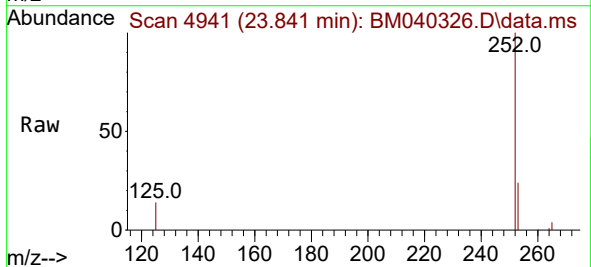
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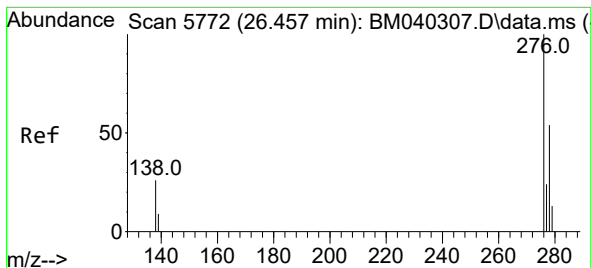
Tgt Ion:252 Resp: 724390
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.4
125 13.6 0.0 38.4



#26
Benzo(a)pyrene
Concen: 5.909 ng/ul
RT: 23.841 min Scan# 4941
Delta R.T. -0.009 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

Tgt Ion:252 Resp: 504093
Ion Ratio Lower Upper
252 100
253 23.8 23.4 35.0
125 13.9 19.7 29.5#





#27

Indeno(1,2,3-cd)pyrene

Concen: 4.189 ng/ul

RT: 26.464 min Scan# 5

Delta R.T. -0.014 min

Lab File: BM040326.D

Acq: 19 Jun 2023 22:57

Instrument :

BNA_M

ClientSampleId :

DCFJ6DL

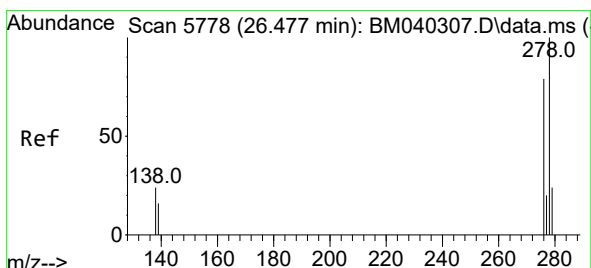
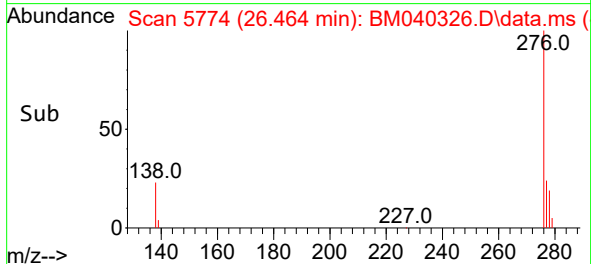
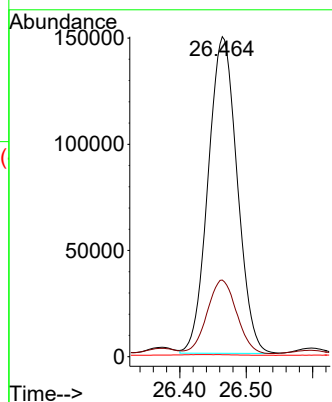
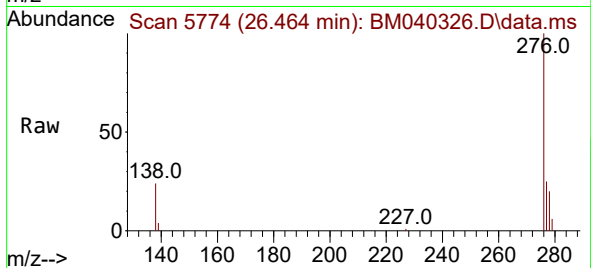
Tgt Ion:276 Resp: 452356

Ion Ratio Lower Upper

276 100

138 23.6 23.3 34.9

227 0.4 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 1.312 ng/ul

RT: 26.474 min Scan# 5777

Delta R.T. -0.024 min

Lab File: BM040326.D

Acq: 19 Jun 2023 22:57

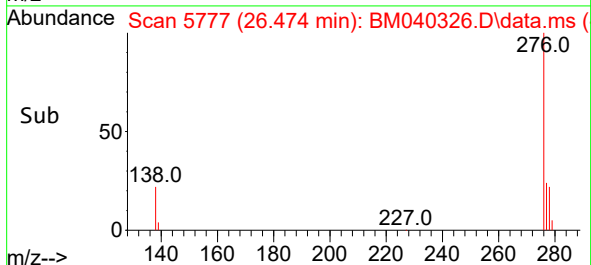
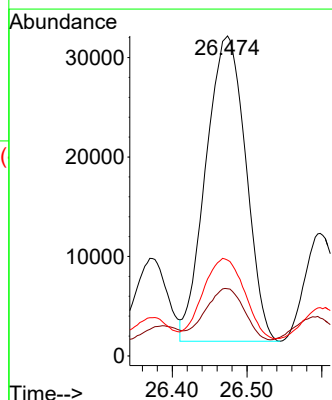
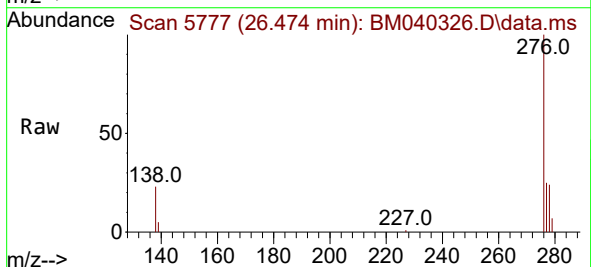
Tgt Ion:278 Resp: 113737

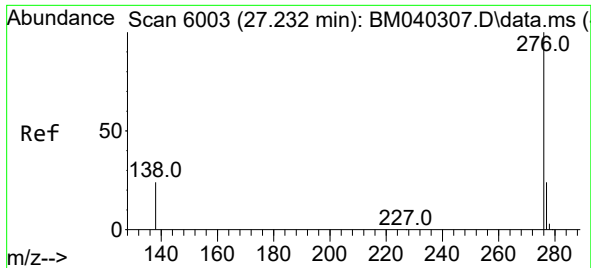
Ion Ratio Lower Upper

278 100

139 21.0 16.4 24.6

279 30.0 21.8 32.8





#29
 Benzo(g,h,i)perylene
 Concen: 4.959 ng/ul
 RT: 27.245 min Scan# 6007
 Delta R.T. -0.010 min
 Lab File: BM040326.D
 Acq: 19 Jun 2023 22:57

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ6DL

Tgt Ion:276 Resp: 447291
 Ion Ratio Lower Upper
 276 100
 138 24.4 21.0 31.4
 277 24.2 19.6 29.4

