

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
 Data File : BM040248.D
 Acq On : 14 Jun 2023 21:54
 Operator : MA/JU
 Sample : 03088-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR7

Quant Time: Jun 15 00:52:35 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

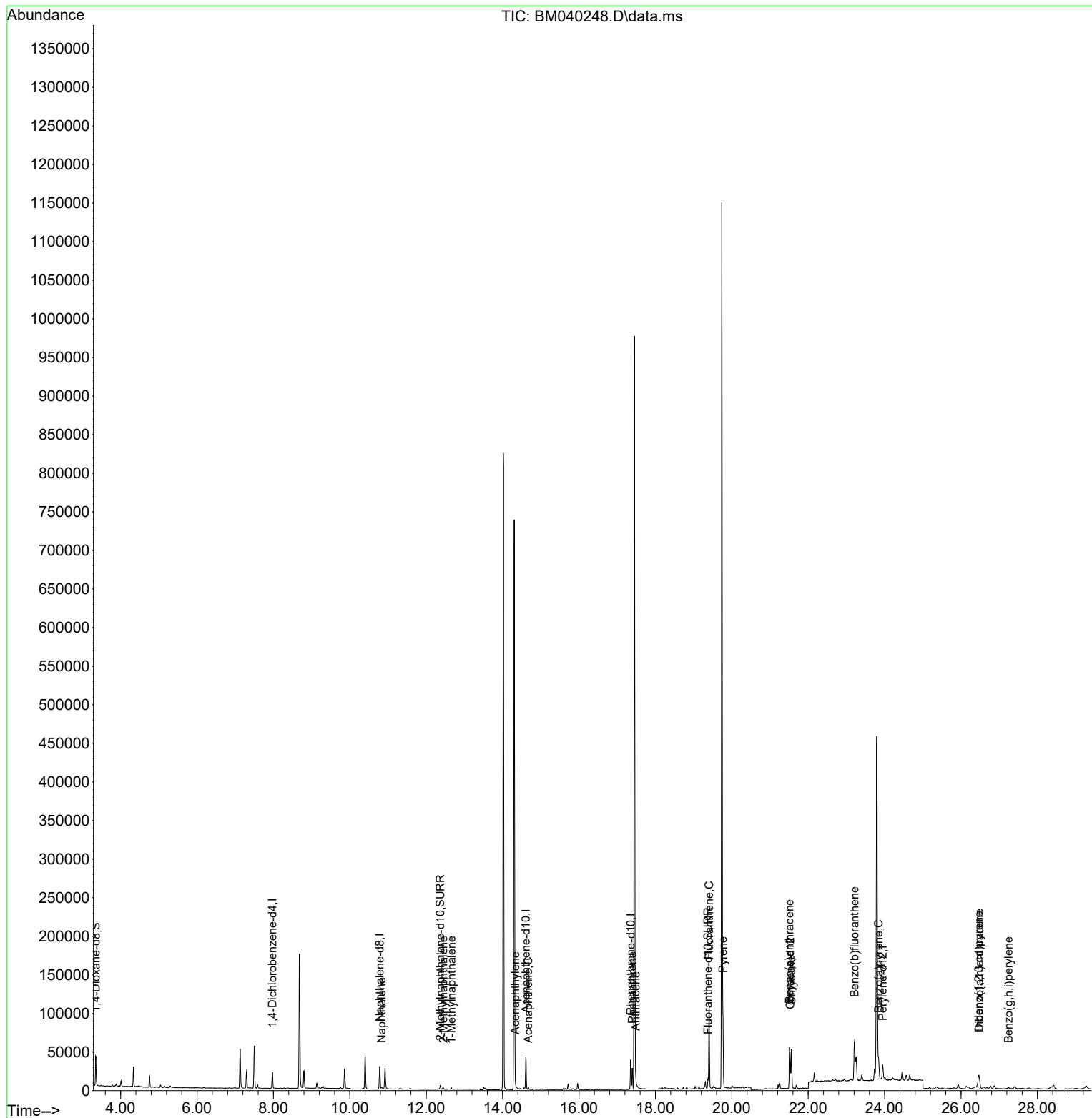
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	10302	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	38898	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.609	164	22210	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	43035	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	30955	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	26284	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	23777	1.869	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	6357	0.129	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	12042	0.156	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.833	128	3180	0.035	ng/ul#	89
7) 2-Methylnaphthalene	12.444	142	1764	0.031	ng/ul	99
8) 1-Methylnaphthalene	12.659	142	1265	0.021	ng/ul	95
10) Acenaphthylene	14.332	152	2506	0.032	ng/ul#	80
11) Acenaphthene	14.670	153	1581	0.024	ng/ul	95
15) Phenanthrene	17.395	178	28743	0.254	ng/ul	99
16) Anthracene	17.484	178	4633	0.048	ng/ul#	86
19) Fluoranthene	19.403	202	89967	0.853	ng/ul	99
20) Pyrene	19.770	202	73122	0.667	ng/ul	98
21) Benzo(a)anthracene	21.509	228	40955	0.448	ng/ul	98
22) Chrysene	21.561	228	53639	0.556	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	78434	0.809	ng/ul	93
26) Benzo(a)pyrene	23.841	252	31870	0.401	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.464	276	30908	0.307	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.477	278	9066	0.112	ng/ul#	68
29) Benzo(g,h,i)perylene	27.242	276	3502	0.042	ng/ul#	35

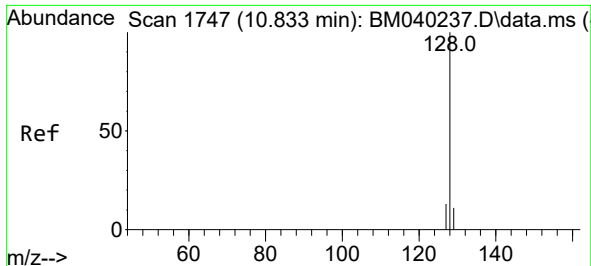
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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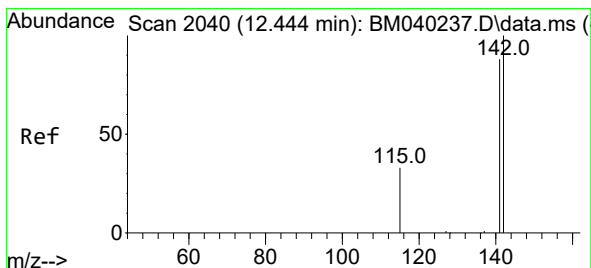
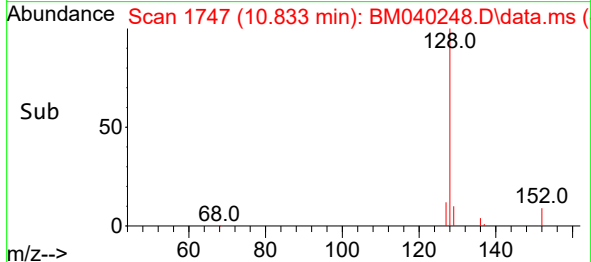
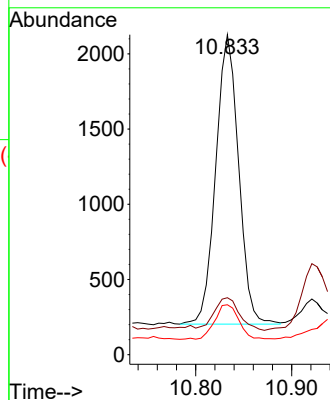
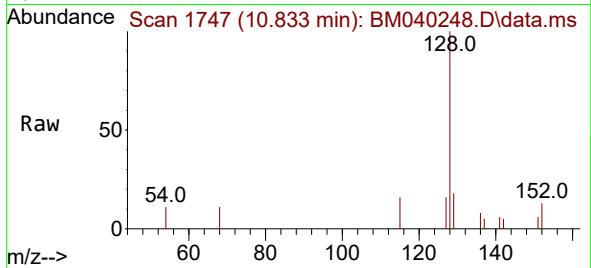




#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM040248.D
Acq: 14 Jun 2023 21:54

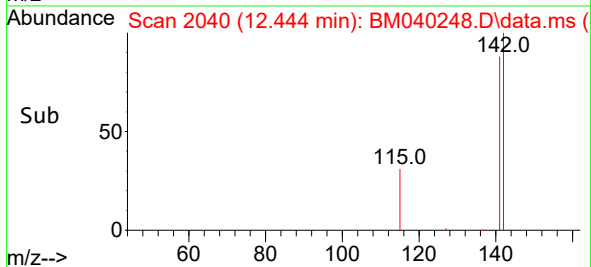
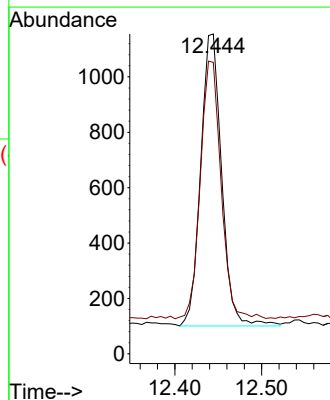
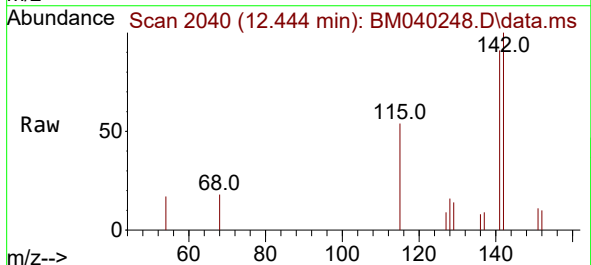
Instrument :
BNA_M
ClientSampleId :
DCFR7

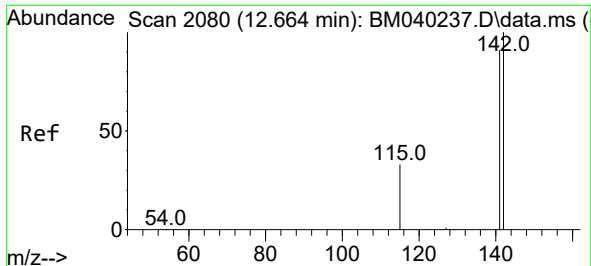
Tgt Ion:128 Resp: 3180
Ion Ratio Lower Upper
128 100
129 17.8 9.1 13.7#
127 15.6 10.4 15.6#



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.444 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BM040248.D
Acq: 14 Jun 2023 21:54

Tgt Ion:142 Resp: 1764
Ion Ratio Lower Upper
142 100
141 87.0 70.6 106.0

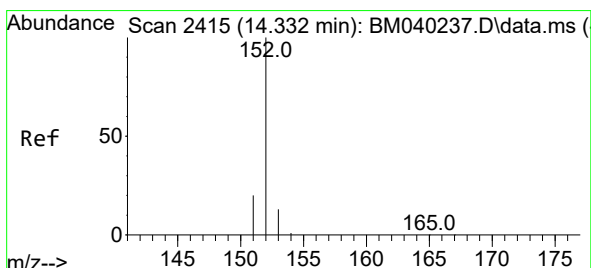
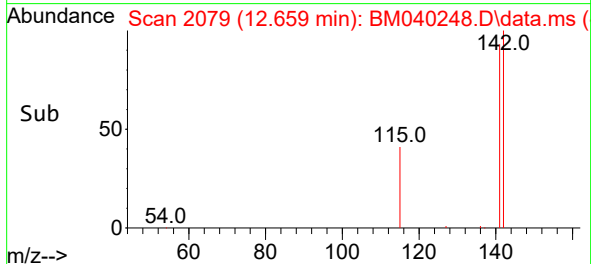
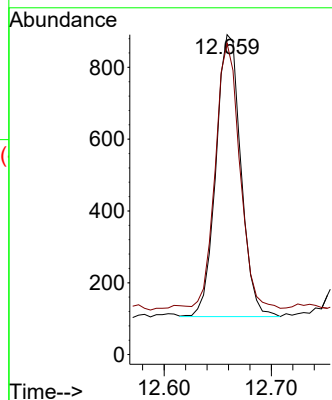
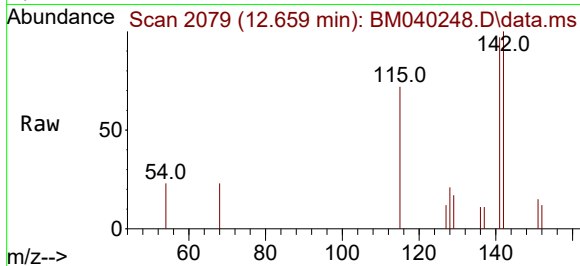




#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.659 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM040248.D
Acq: 14 Jun 2023 21:54

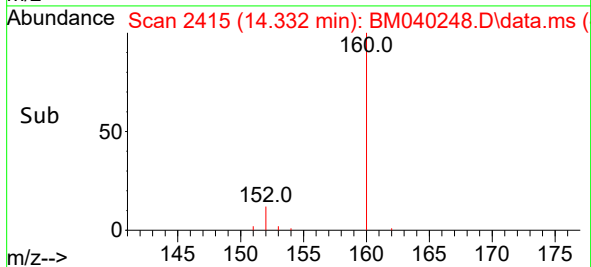
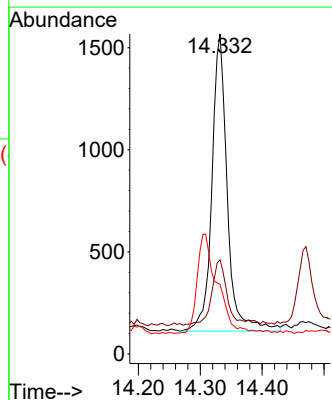
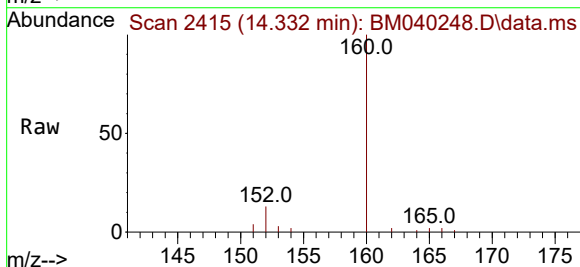
Instrument :
BNA_M
ClientSampleId :
DCFR7

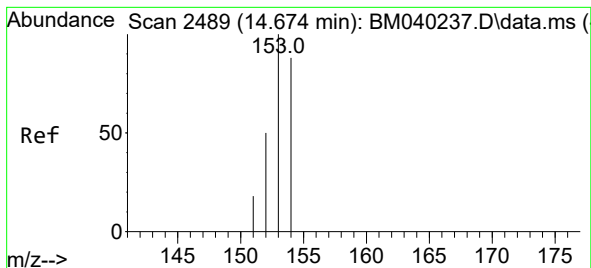
Tgt Ion:142 Resp: 1265
Ion Ratio Lower Upper
142 100
141 95.6 73.0 109.4



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.332 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BM040248.D
Acq: 14 Jun 2023 21:54

Tgt Ion:152 Resp: 2506
Ion Ratio Lower Upper
152 100
151 29.4 16.3 24.5#
153 21.7 10.7 16.1#





#11

Acenaphthene

Concen: 0.024 ng/ul

RT: 14.670 min Scan# 2489

Delta R.T. -0.005 min

Lab File: BM040248.D

Acq: 14 Jun 2023 21:54

Instrument :

BNA_M

ClientSampleId :

DCFR7

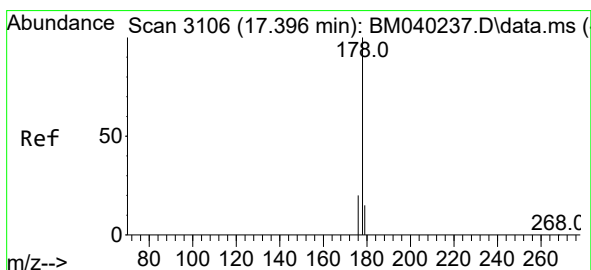
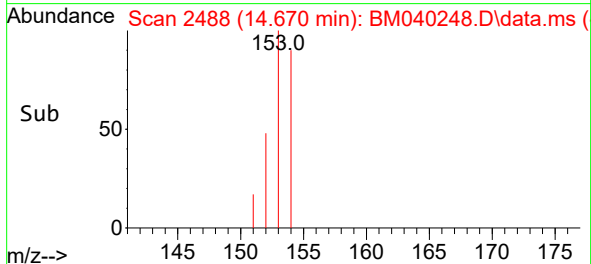
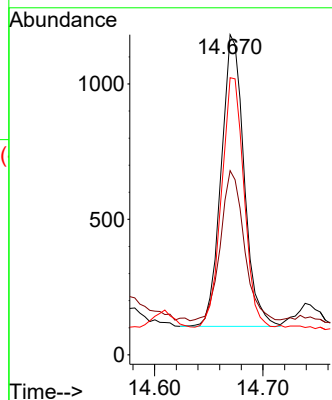
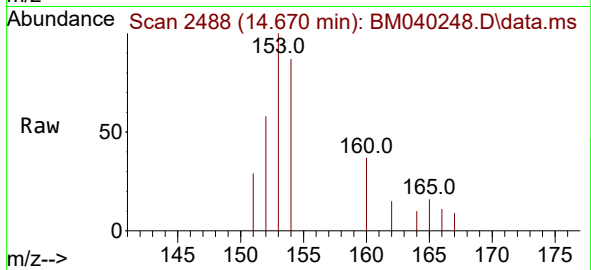
Tgt Ion:153 Resp: 1581

Ion Ratio Lower Upper

153 100

152 57.5 40.3 60.5

154 86.5 70.5 105.7



#15

Phenanthrene

Concen: 0.254 ng/ul

RT: 17.395 min Scan# 3106

Delta R.T. -0.000 min

Lab File: BM040248.D

Acq: 14 Jun 2023 21:54

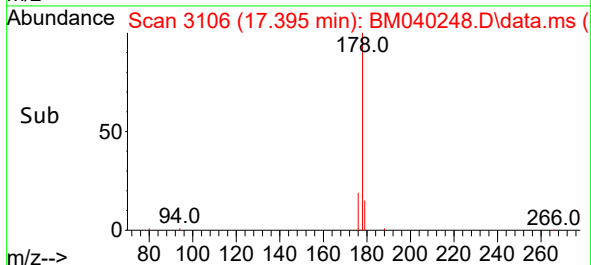
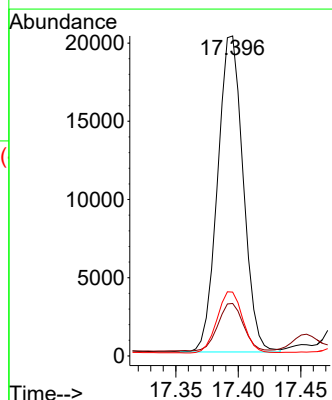
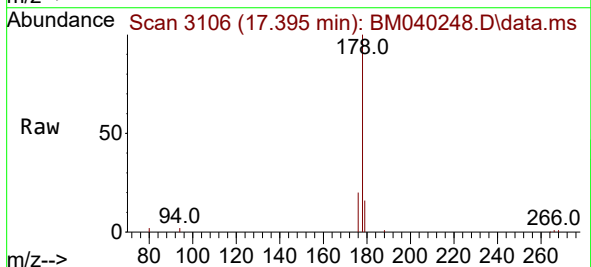
Tgt Ion:178 Resp: 28743

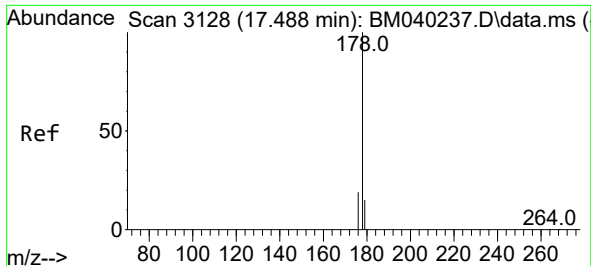
Ion Ratio Lower Upper

178 100

179 16.4 12.6 19.0

176 20.0 16.1 24.1

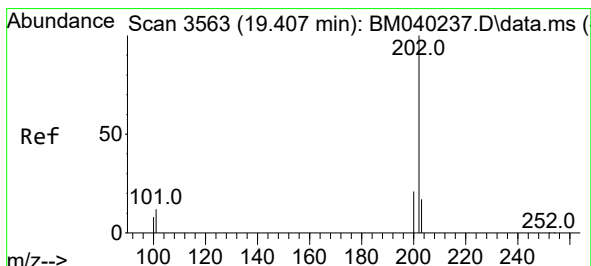
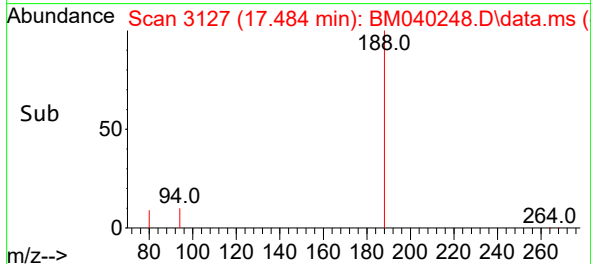
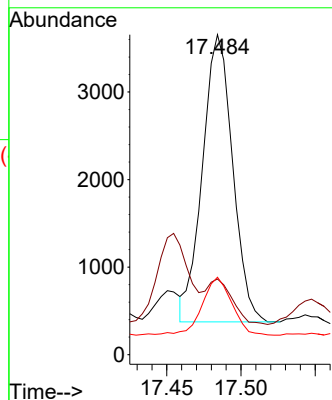
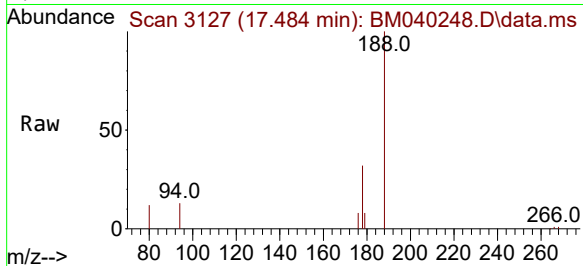




#16
 Anthracene
 Concen: 0.048 ng/ul
 RT: 17.484 min Scan# 3127
 Delta R.T. -0.004 min
 Lab File: BM040248.D
 Acq: 14 Jun 2023 21:54

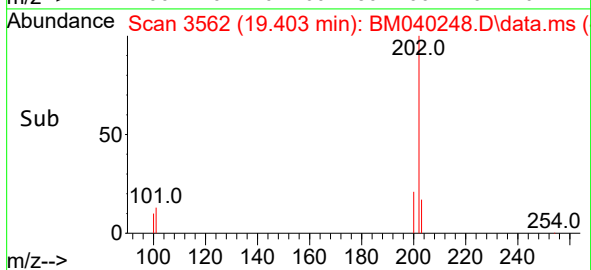
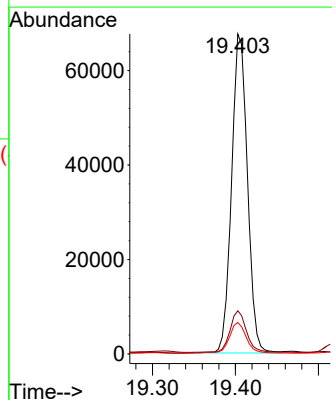
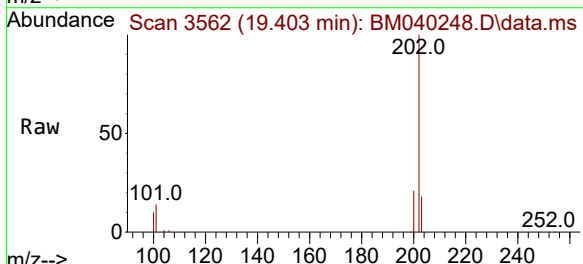
Instrument :
 BNA_M
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 DCFR7

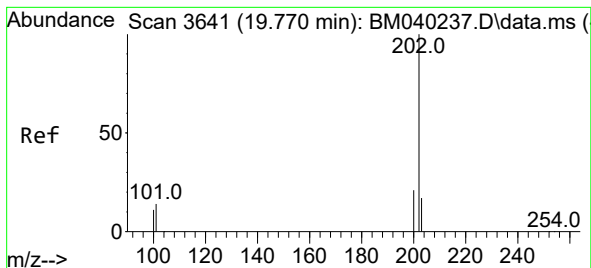
Tgt Ion:178 Resp: 4633
 Ion Ratio Lower Upper
 178 100
 179 23.7 13.0 19.4#
 176 24.2 15.5 23.3#



#19
 Fluoranthene
 Concen: 0.853 ng/ul
 RT: 19.403 min Scan# 3562
 Delta R.T. -0.005 min
 Lab File: BM040248.D
 Acq: 14 Jun 2023 21:54

Tgt Ion:202 Resp: 89967
 Ion Ratio Lower Upper
 202 100
 101 13.5 10.2 15.4
 100 9.9 7.6 11.4





#20

Pyrene

Concen: 0.667 ng/ul

RT: 19.770 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM040248.D

Acq: 14 Jun 2023 21:54

Instrument :

BNA_M

ClientSampleId :

DCFR7

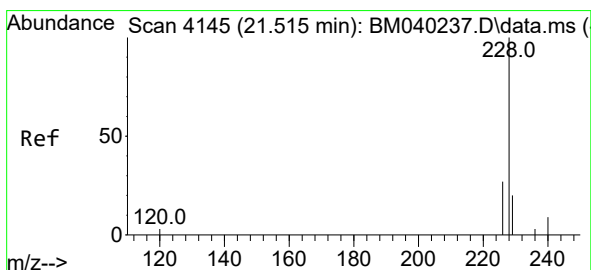
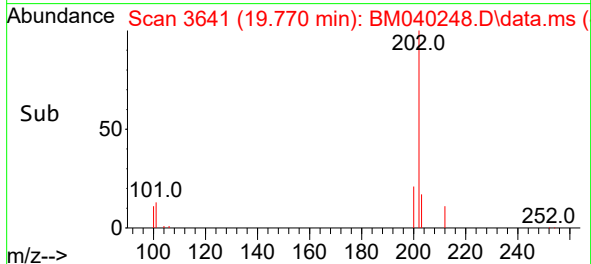
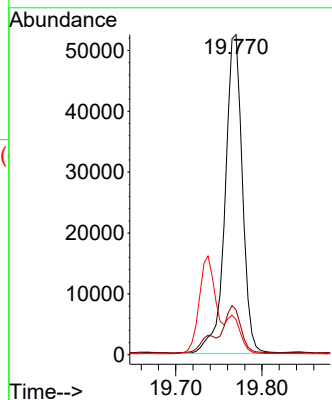
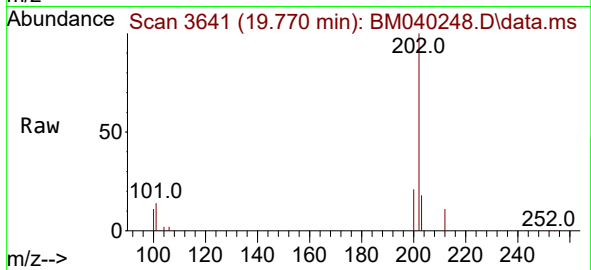
Tgt Ion:202 Resp: 73122

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: 0.448 ng/ul

RT: 21.509 min Scan# 4143

Delta R.T. -0.006 min

Lab File: BM040248.D

Acq: 14 Jun 2023 21:54

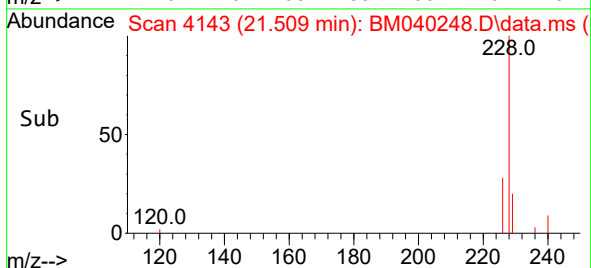
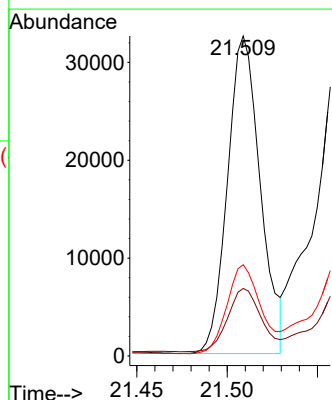
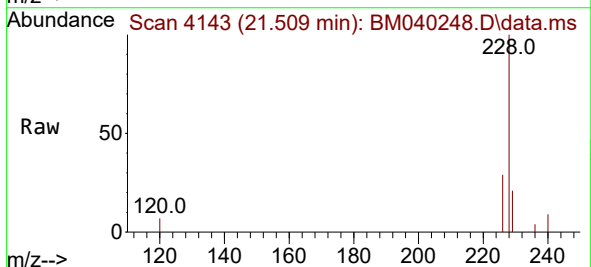
Tgt Ion:228 Resp: 40955

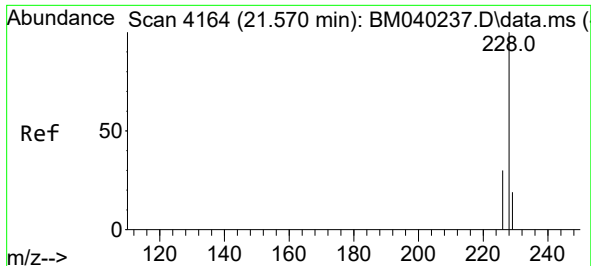
Ion Ratio Lower Upper

228 100

229 21.1 15.8 23.8

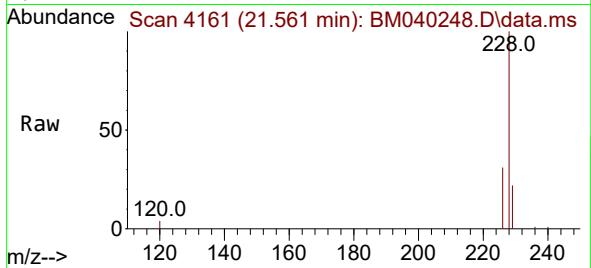
226 28.5 22.0 33.0



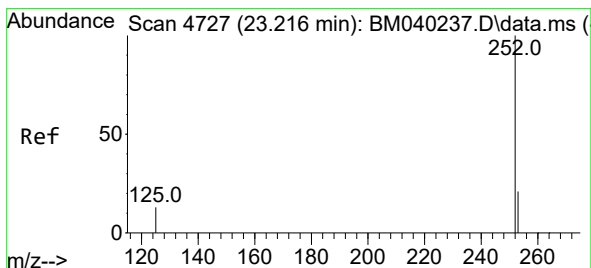
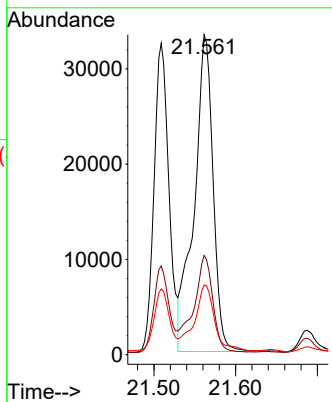
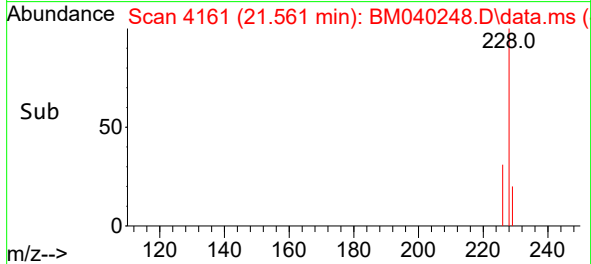


#22
Chrysene
Concen: 0.556 ng/ul
RT: 21.561 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM040248.D
Acq: 14 Jun 2023 21:54

Instrument :
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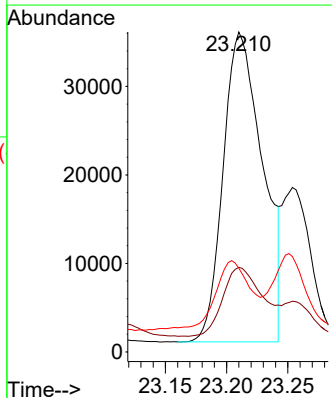
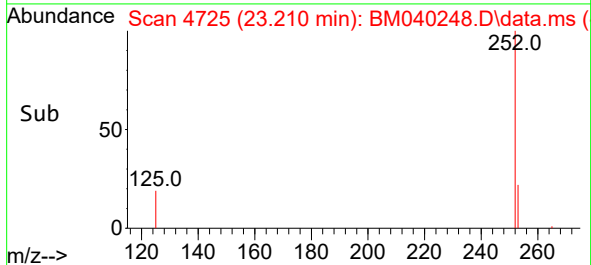
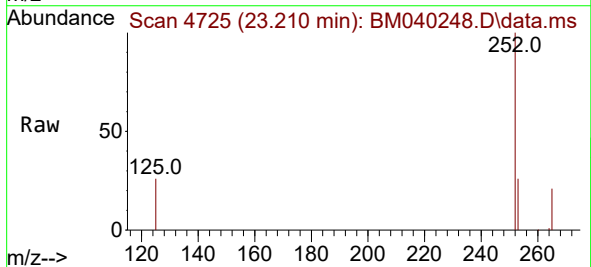


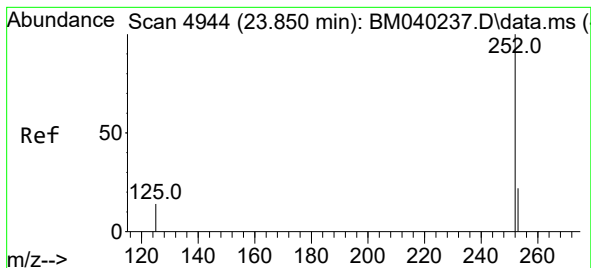
Tgt Ion:228 Resp: 53639
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 21.8 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.809 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040248.D
Acq: 14 Jun 2023 21:54

Tgt Ion:252 Resp: 78434
Ion Ratio Lower Upper
252 100
253 26.5 0.0 52.4
125 26.2 0.0 38.4





#26

Benzo(a)pyrene

Concen: 0.401 ng/ul

RT: 23.841 min Scan# 4941

Delta R.T. -0.009 min

Lab File: BM040248.D

Acq: 14 Jun 2023 21:54

Instrument :

BNA_M

ClientSampleId :

DCFR7

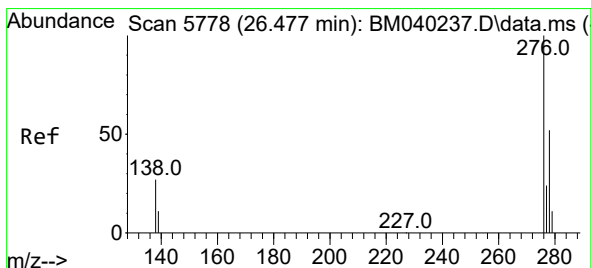
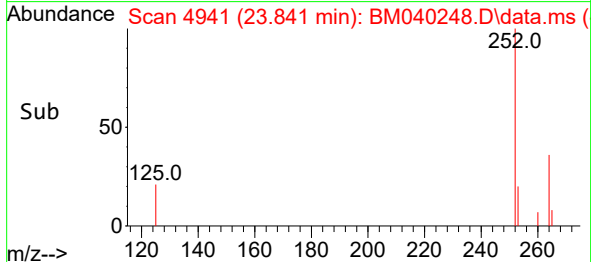
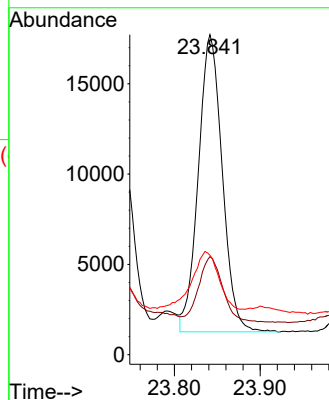
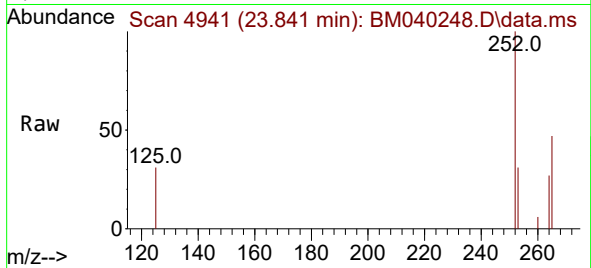
Tgt Ion:252 Resp: 31870

Ion Ratio Lower Upper

252 100

253 30.6 23.4 35.0

125 31.1 19.7 29.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.307 ng/ul

RT: 26.464 min Scan# 5774

Delta R.T. -0.013 min

Lab File: BM040248.D

Acq: 14 Jun 2023 21:54

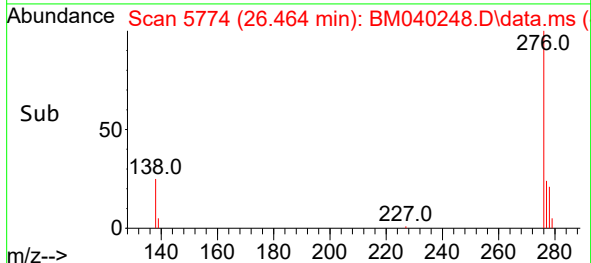
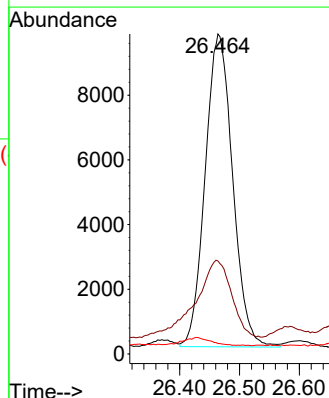
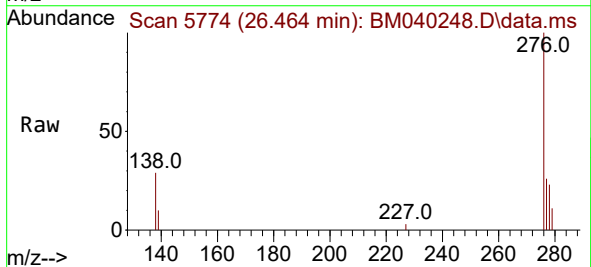
Tgt Ion:276 Resp: 30908

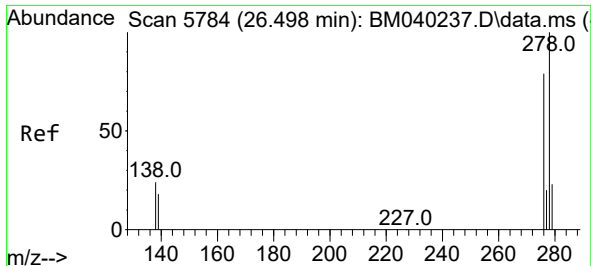
Ion Ratio Lower Upper

276 100

138 32.9 23.3 34.9

227 0.0 0.1 0.1#

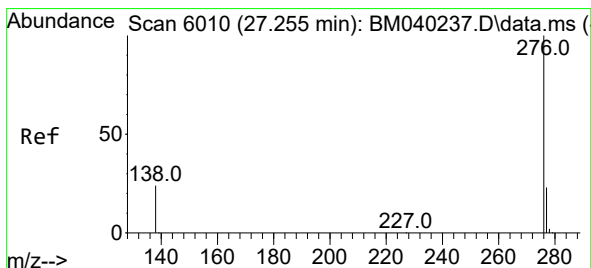
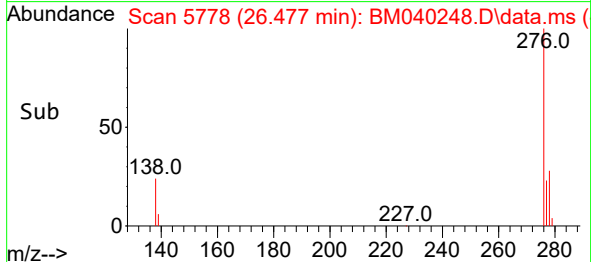
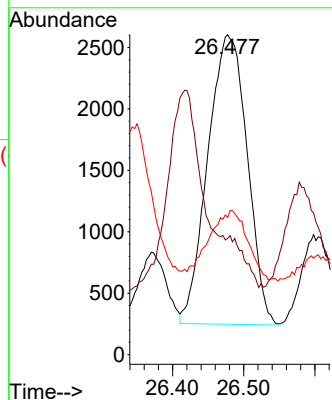
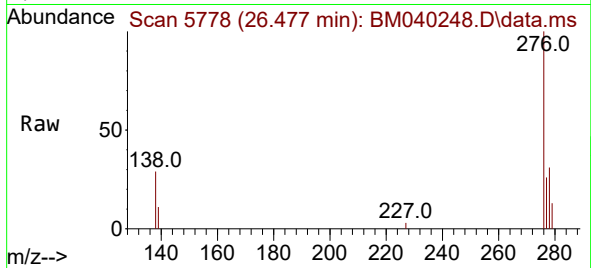




#28
Dibenzo(a,h)anthracene
Concen: 0.112 ng/ul
RT: 26.477 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040248.D
Acq: 14 Jun 2023 21:54

Instrument :
BNA_M
ClientSampleId :
DCFR7

Tgt Ion:278 Resp: 9066
Ion Ratio Lower Upper
278 100
139 36.4 16.4 24.6#
279 43.0 21.8 32.8#



#29
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 27.242 min Scan# 6006
Delta R.T. -0.013 min
Lab File: BM040248.D
Acq: 14 Jun 2023 21:54

Tgt Ion:276 Resp: 3502
Ion Ratio Lower Upper
276 100
138 75.2 21.0 31.4#
277 40.2 19.6 29.4#

