

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
 Data File : BM040245.D
 Acq On : 14 Jun 2023 20:04
 Operator : MA/JU
 Sample : 03088-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR3

Quant Time: Jun 15 00:52:08 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)

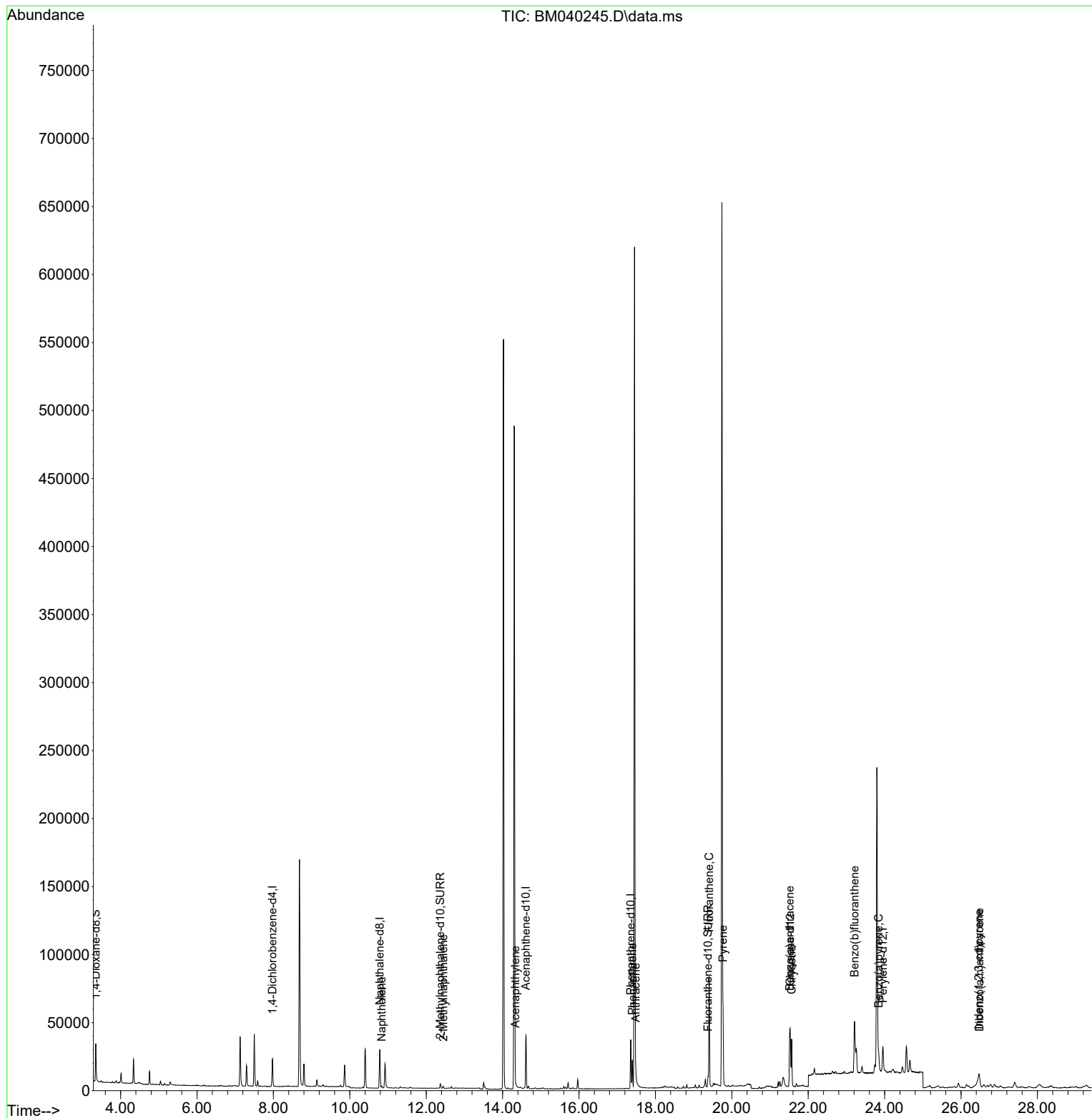
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	9998	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	37494	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	21118	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	40774	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	30621	0.400	ng/ul	0.00
23) Perylene-d12	23.956	264	25804	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	17147	1.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	4395	0.092	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	8093	0.106	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.833	128	1913	0.022	ng/ul#	81
7) 2-Methylnaphthalene	12.444	142	1165	0.021	ng/ul	98
10) Acenaphthylene	14.332	152	2270	0.031	ng/ul#	79
15) Phenanthrene	17.396	178	21184	0.198	ng/ul	98
16) Anthracene	17.484	178	3632	0.040	ng/ul#	81
19) Fluoranthene	19.407	202	67055	0.643	ng/ul	99
20) Pyrene	19.770	202	44666	0.412	ng/ul	99
21) Benzo(a)anthracene	21.512	228	29195	0.323	ng/ul	97
22) Chrysene	21.564	228	37130	0.389	ng/ul	96
24) Benzo(b)fluoranthene	23.213	252	52462	0.552	ng/ul#	77
26) Benzo(a)pyrene	23.844	252	14306	0.183	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	26.467	276	15800	0.160	ng/ul#	64
28) Dibenzo(a,h)anthracene	26.484	278	5903	0.074	ng/ul#	45

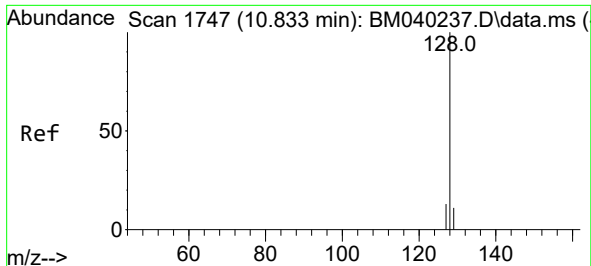
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
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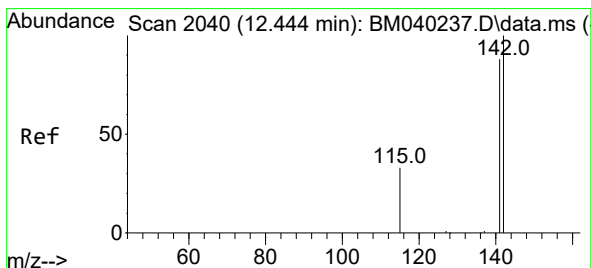
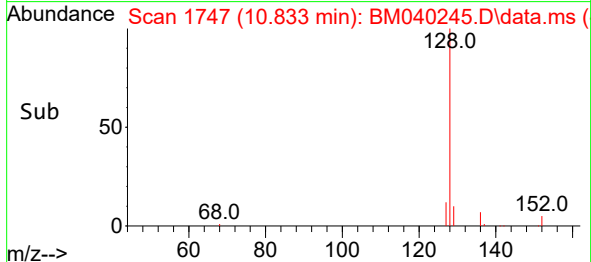
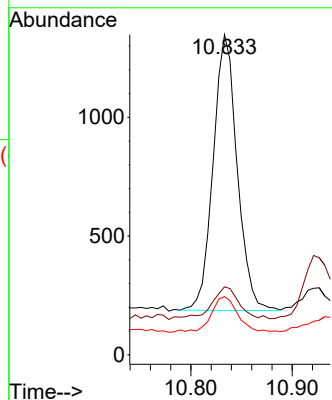
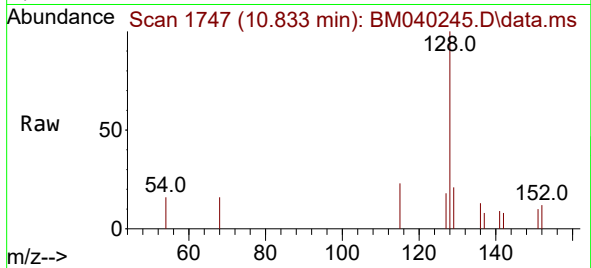




#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

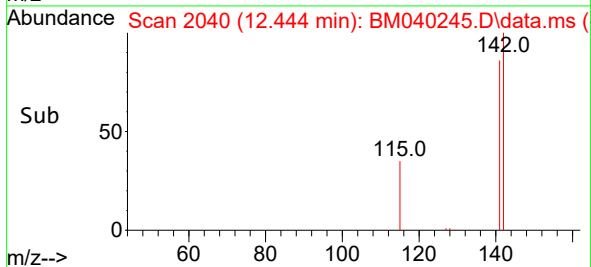
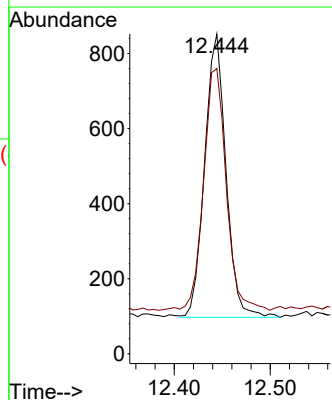
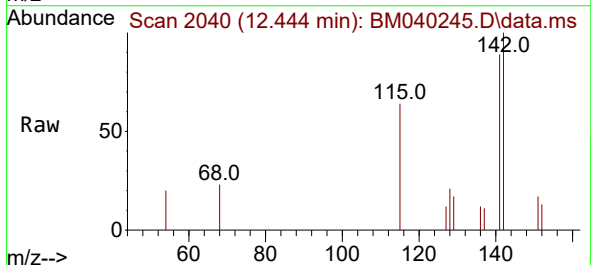
Instrument :
BNA_M
ClientSampleId :
DCFR3

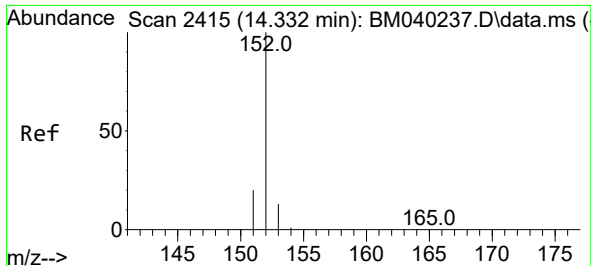
Tgt Ion:128 Resp: 1913
Ion Ratio Lower Upper
128 100
129 21.2 9.1 13.7#
127 18.2 10.4 15.6#



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.444 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

Tgt Ion:142 Resp: 1165
Ion Ratio Lower Upper
142 100
141 90.3 70.6 106.0

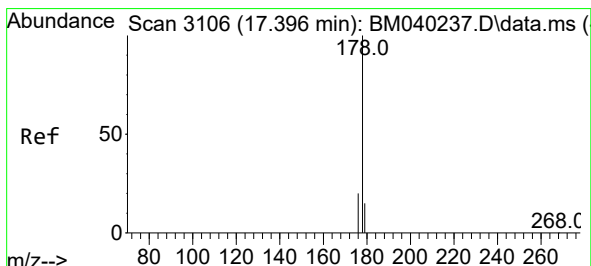
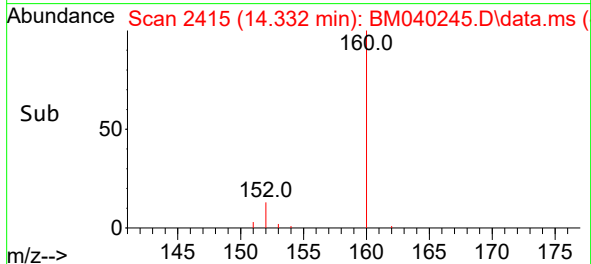
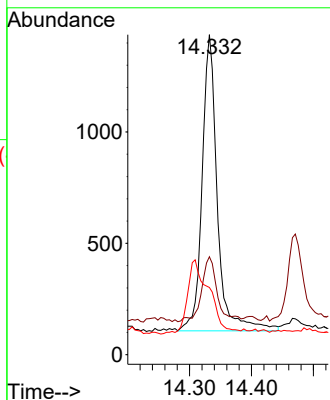
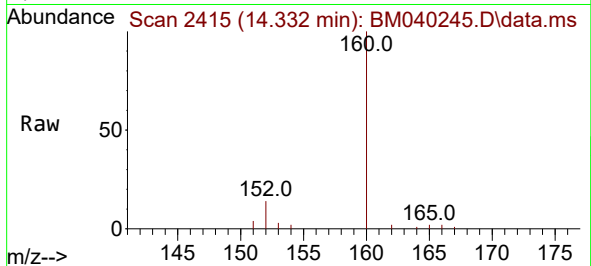




#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.332 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

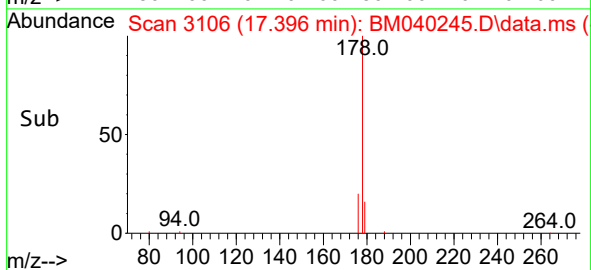
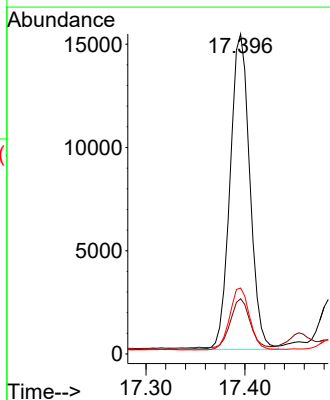
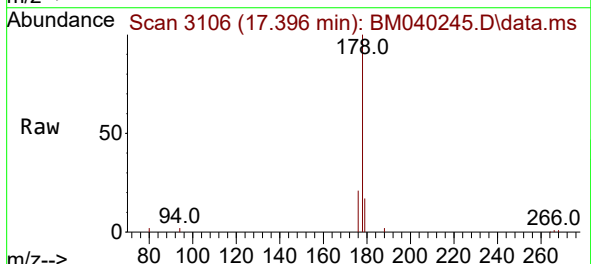
Instrument :
BNA_M
ClientSampleId :
DCFR3

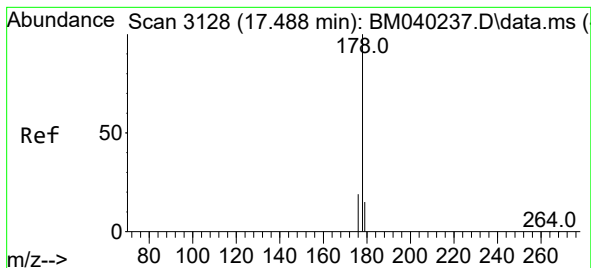
Tgt Ion:152 Resp: 2270
Ion Ratio Lower Upper
152 100
151 30.6 16.3 24.5#
153 21.0 10.7 16.1#



#15
Phenanthrene
Concen: 0.198 ng/ul
RT: 17.396 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

Tgt Ion:178 Resp: 21184
Ion Ratio Lower Upper
178 100
179 17.3 12.6 19.0
176 20.6 16.1 24.1





#16

Anthracene

Concen: 0.040 ng/ul

RT: 17.484 min Scan# 3128

Delta R.T. -0.004 min

Lab File: BM040245.D

Acq: 14 Jun 2023 20:04

Instrument :

BNA_M

ClientSampleId :

DCFR3

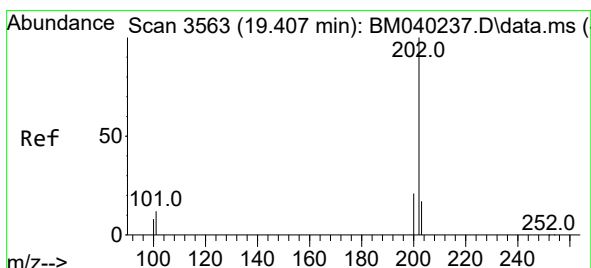
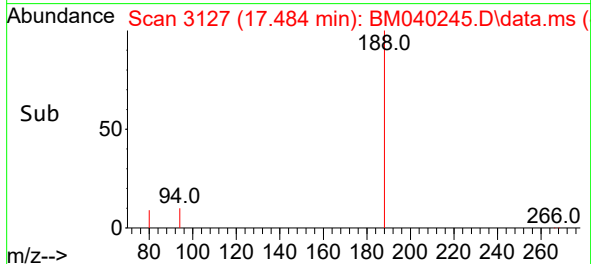
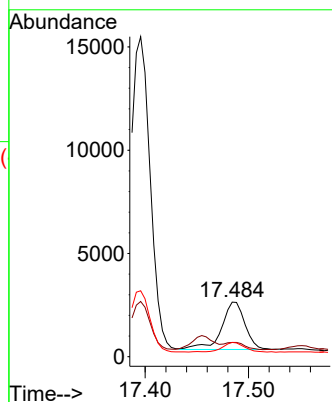
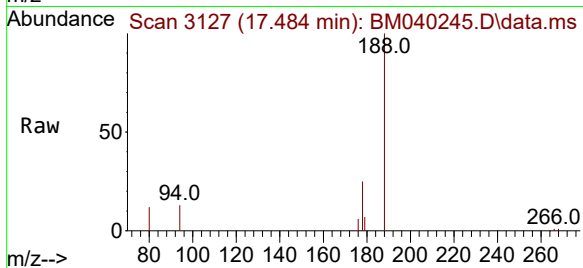
Tgt Ion:178 Resp: 3632

Ion Ratio Lower Upper

178 100

179 26.2 13.0 19.4#

176 26.0 15.5 23.3#



#19

Fluoranthene

Concen: 0.643 ng/ul

RT: 19.407 min Scan# 3563

Delta R.T. 0.000 min

Lab File: BM040245.D

Acq: 14 Jun 2023 20:04

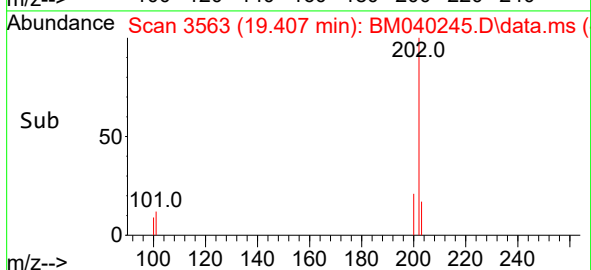
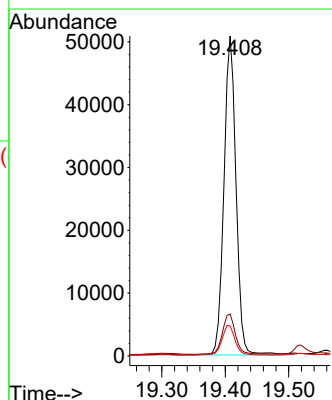
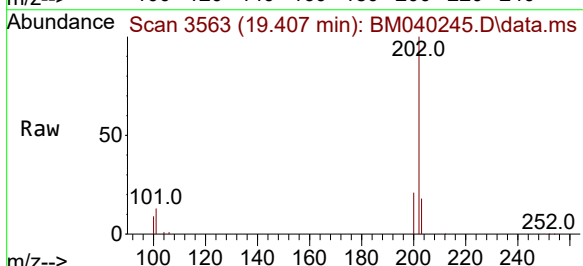
Tgt Ion:202 Resp: 67055

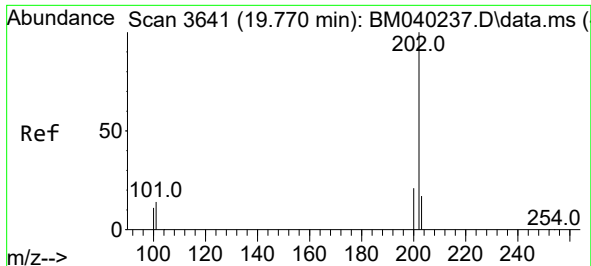
Ion Ratio Lower Upper

202 100

101 13.1 10.2 15.4

100 9.3 7.6 11.4

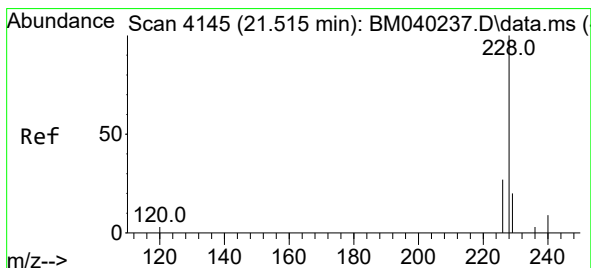
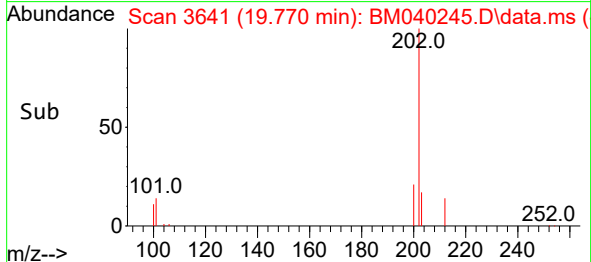
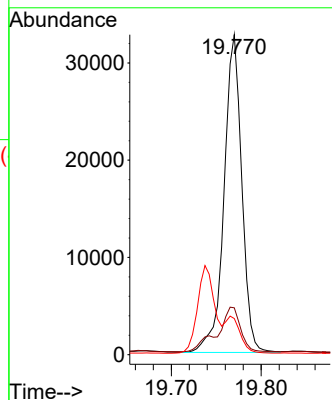
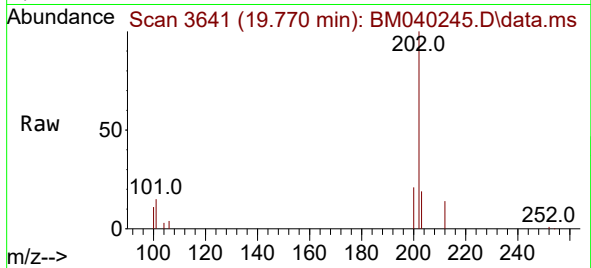




#20
Pyrene
Concen: 0.412 ng/ul
RT: 19.770 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

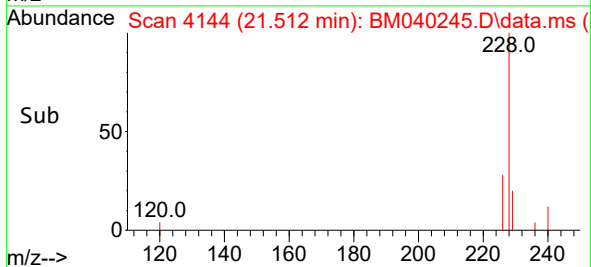
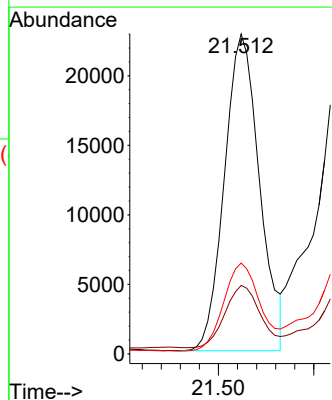
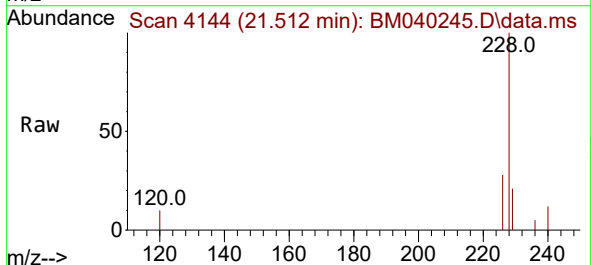
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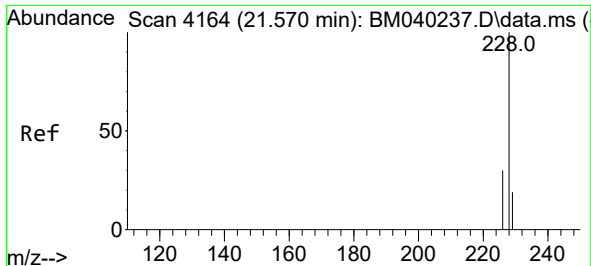
Tgt Ion:202 Resp: 44666
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.8
100 11.3 9.3 13.9



#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.512 min Scan# 4144
Delta R.T. -0.003 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

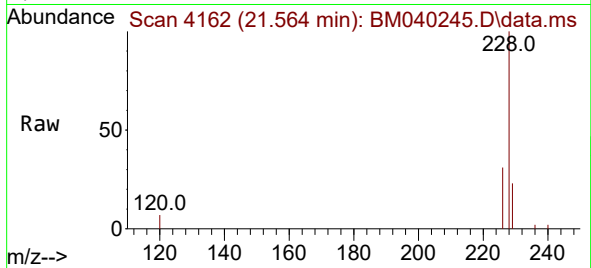
Tgt Ion:228 Resp: 29195
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.8
226 28.4 22.0 33.0



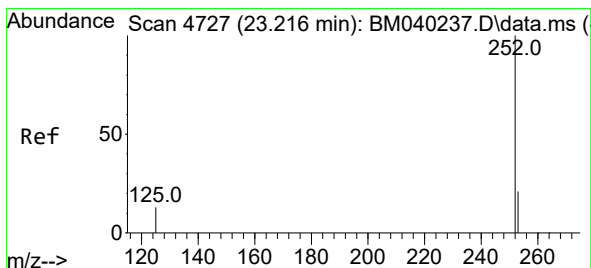
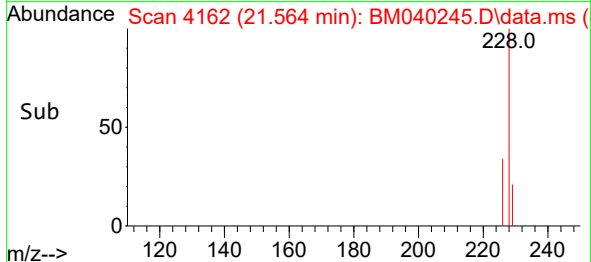
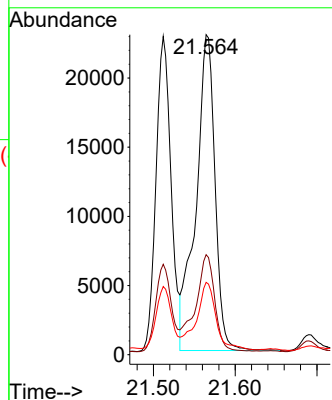


#22
Chrysene
Concen: 0.389 ng/ul
RT: 21.564 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

Instrument :
BNA_M
ClientSampleId :
DCFR3

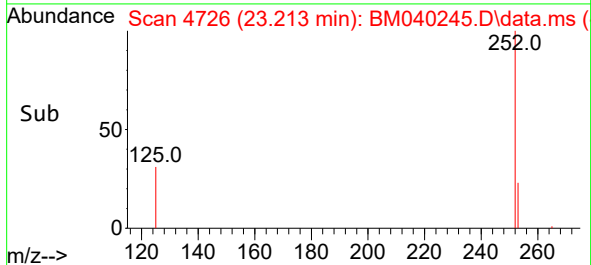
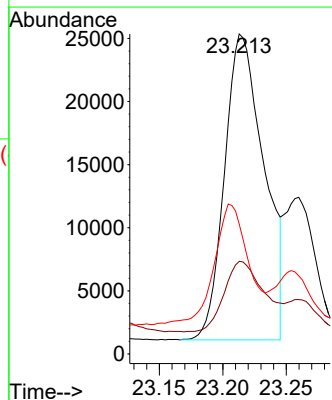
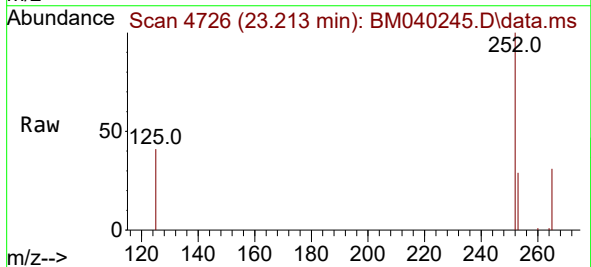


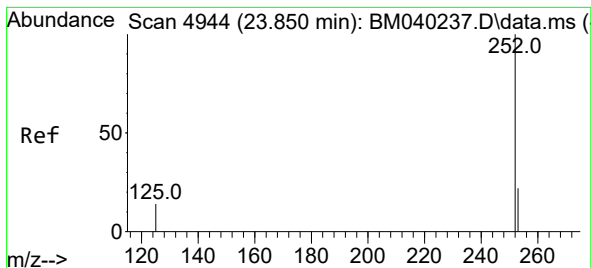
Tgt Ion:228 Resp: 37130
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 22.6 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.552 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

Tgt Ion:252 Resp: 52462
Ion Ratio Lower Upper
252 100
253 28.9 0.0 52.4
125 40.5 0.0 38.4#





#26

Benzo(a)pyrene

Concen: 0.183 ng/ul

RT: 23.844 min Scan# 4944

Delta R.T. -0.006 min

Lab File: BM040245.D

Acq: 14 Jun 2023 20:04

Instrument :

BNA_M

ClientSampleId :

DCFR3

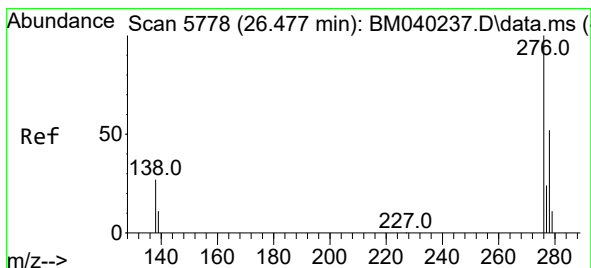
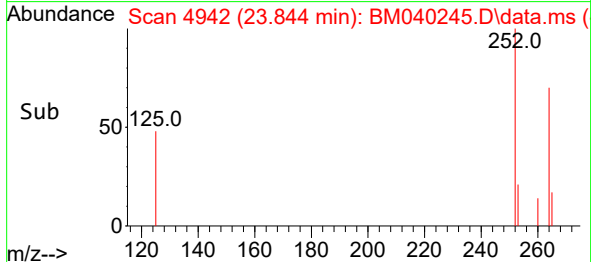
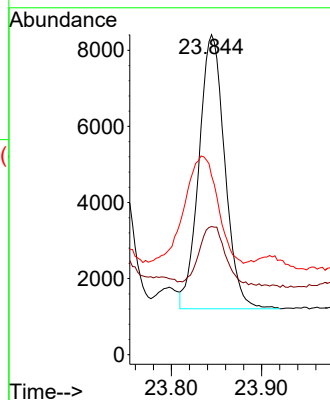
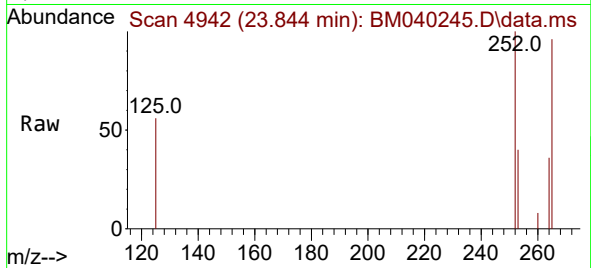
Tgt Ion:252 Resp: 14306

Ion Ratio Lower Upper

252 100

253 40.0 23.4 35.0#

125 55.9 19.7 29.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.160 ng/ul

RT: 26.467 min Scan# 5775

Delta R.T. -0.010 min

Lab File: BM040245.D

Acq: 14 Jun 2023 20:04

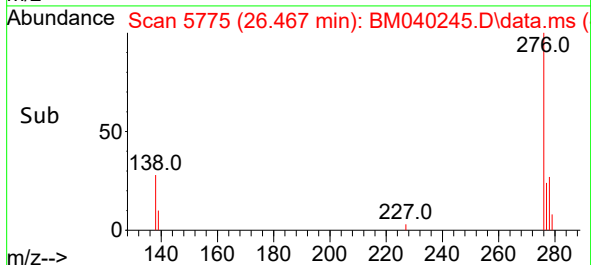
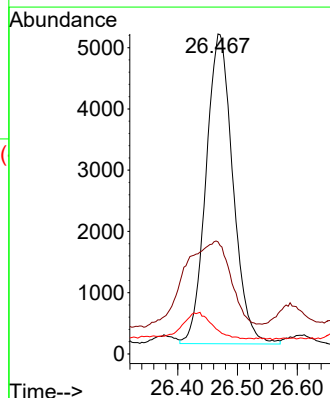
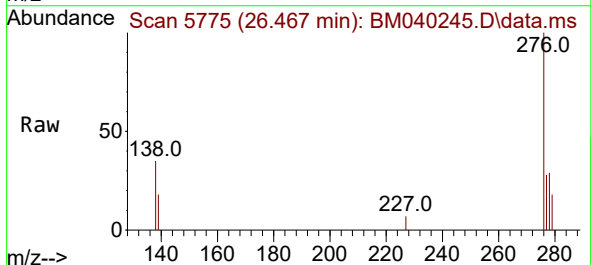
Tgt Ion:276 Resp: 15800

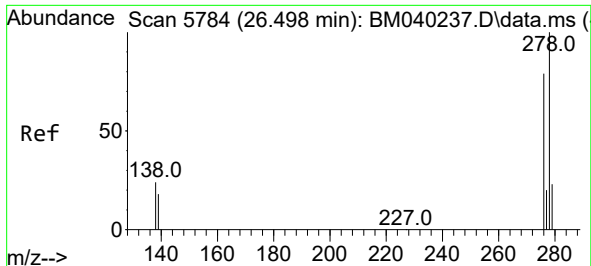
Ion Ratio Lower Upper

276 100

138 48.4 23.3 34.9#

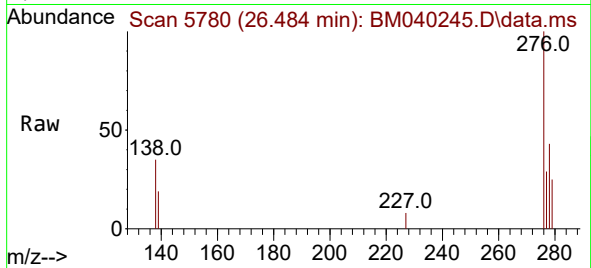
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.074 ng/ul
 RT: 26.484 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: BM040245.D
 Acq: 14 Jun 2023 20:04

Instrument :
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 ClientSampleId :
 DCFR3



Tgt Ion:278 Resp: 5903
 Ion Ratio Lower Upper
 278 100
 139 44.9 16.4 24.6#
 279 57.3 21.8 32.8#

