

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
 Data File : BM040247.D
 Acq On : 14 Jun 2023 21:17
 Operator : MA/JU
 Sample : 03088-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR6

Quant Time: Jun 15 00:52:27 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)

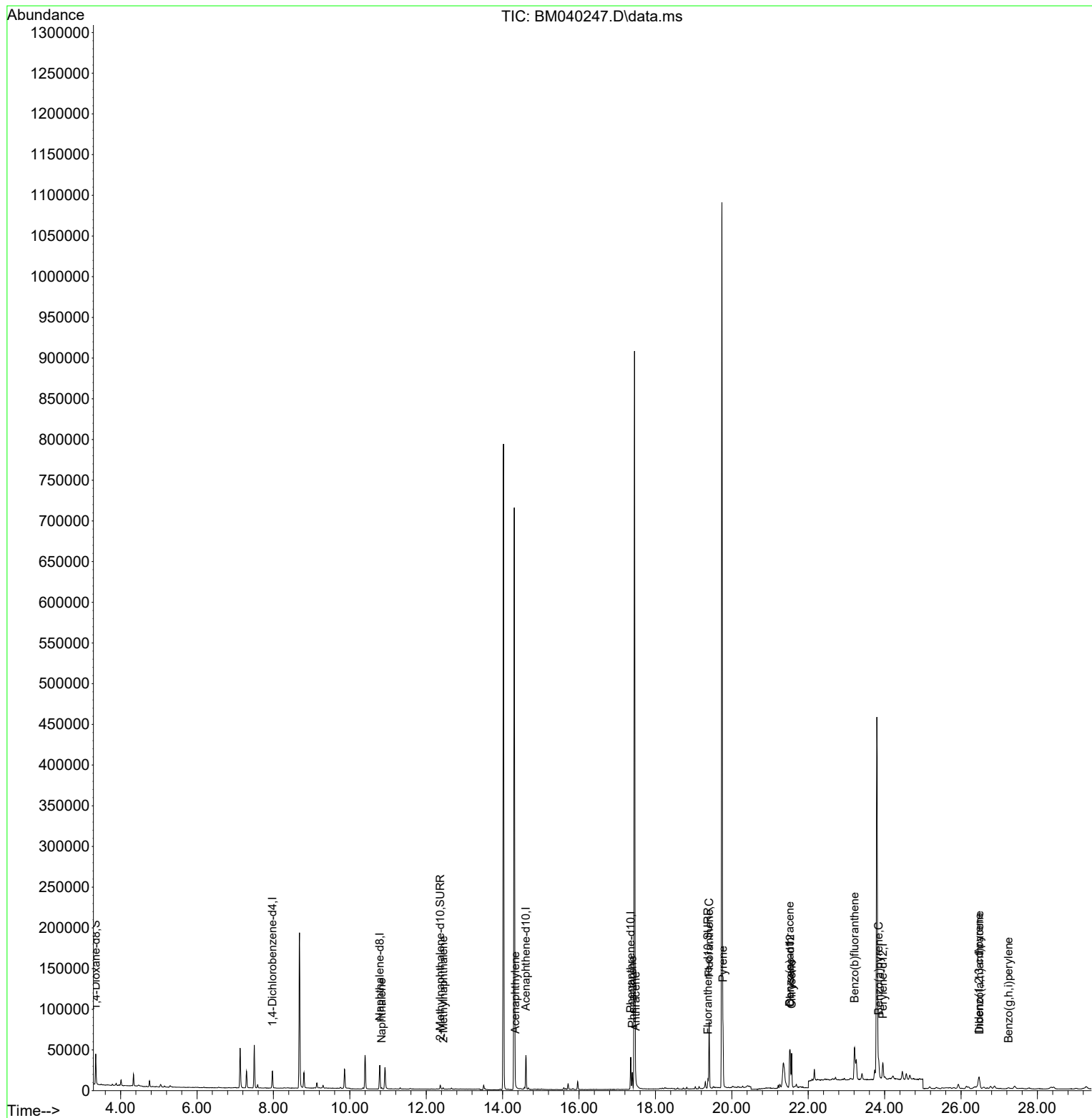
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	10347	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	39156	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.609	164	22415	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	43618	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	32846	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	27709	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	22748	1.780	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	6164	0.124	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	11862	0.145	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.833	128	2112	0.023	ng/ul#	80
7) 2-Methylnaphthalene	12.444	142	1248	0.022	ng/ul	99
10) Acenaphthylene	14.332	152	1780	0.023	ng/ul#	73
15) Phenanthrene	17.396	178	21125	0.184	ng/ul	98
16) Anthracene	17.484	178	3212	0.033	ng/ul#	81
19) Fluoranthene	19.407	202	66856	0.598	ng/ul	99
20) Pyrene	19.770	202	55110	0.474	ng/ul	99
21) Benzo(a)anthracene	21.512	228	33450	0.345	ng/ul	97
22) Chrysene	21.564	228	42150	0.412	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	61865	0.606	ng/ul	87
26) Benzo(a)pyrene	23.844	252	25111	0.300	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.471	276	24438	0.230	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.484	278	7305	0.086	ng/ul#	59
29) Benzo(g,h,i)perylene	27.245	276	2761	0.031	ng/ul#	32

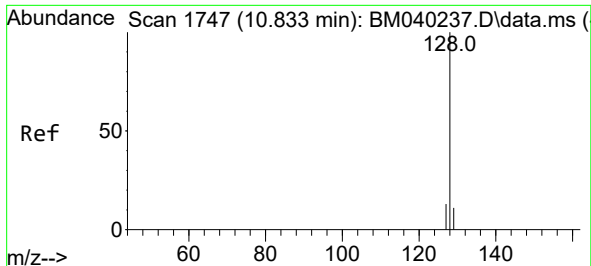
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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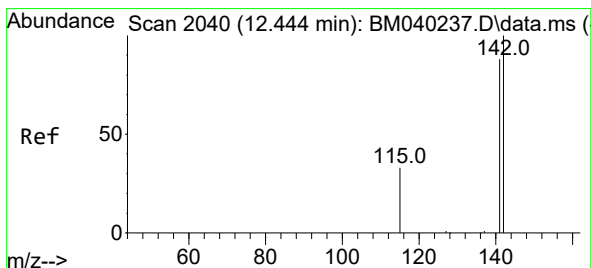
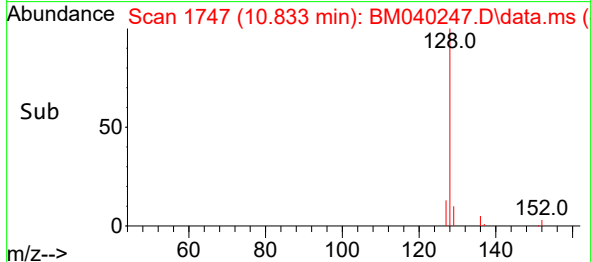
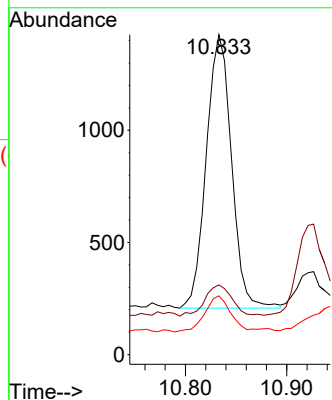
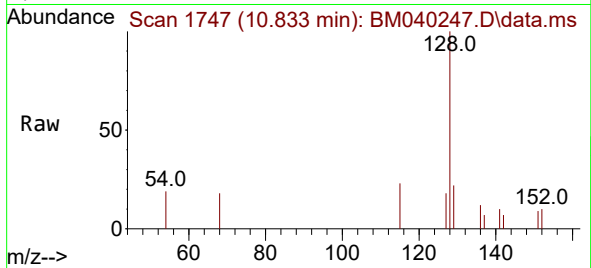




#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM040247.D
Acq: 14 Jun 2023 21:17

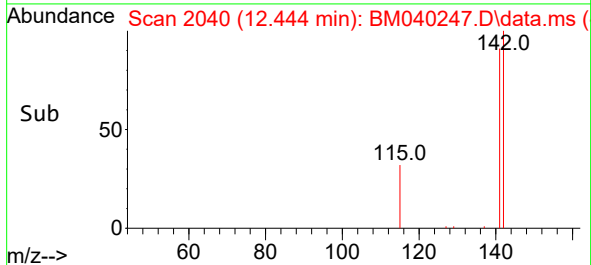
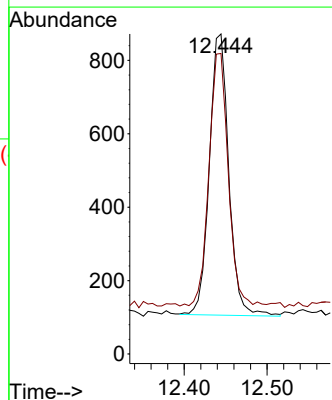
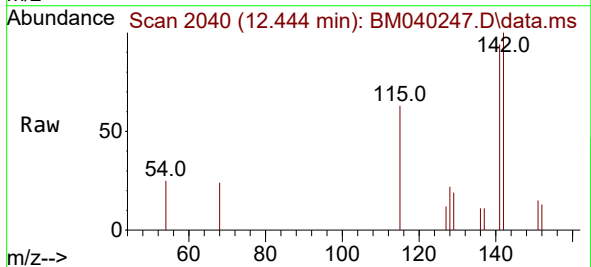
Instrument :
BNA_M
ClientSampleId :
DCFR6

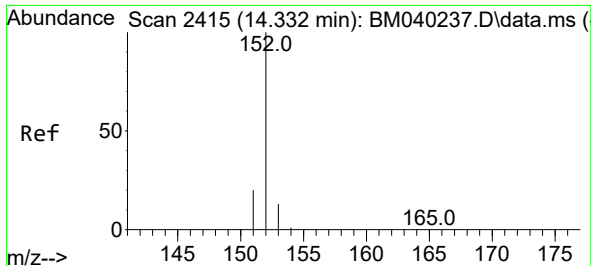
Tgt Ion:128 Resp: 2112
Ion Ratio Lower Upper
128 100
129 21.8 9.1 13.7#
127 18.4 10.4 15.6#



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.444 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BM040247.D
Acq: 14 Jun 2023 21:17

Tgt Ion:142 Resp: 1248
Ion Ratio Lower Upper
142 100
141 89.2 70.6 106.0

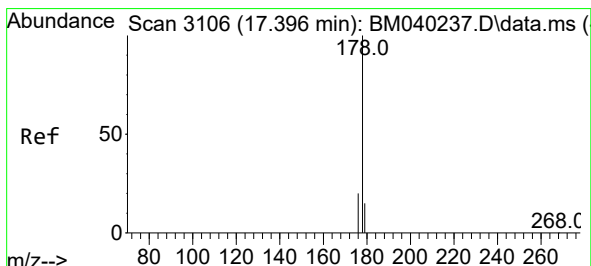
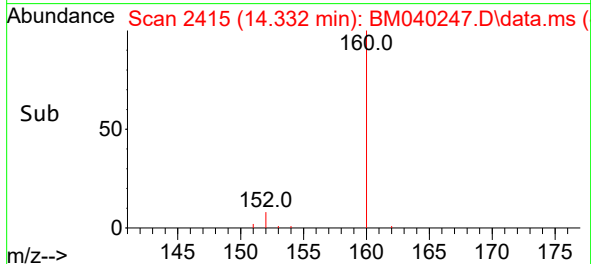
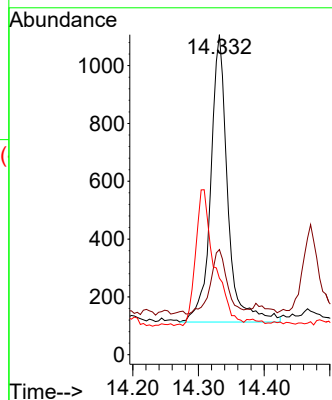
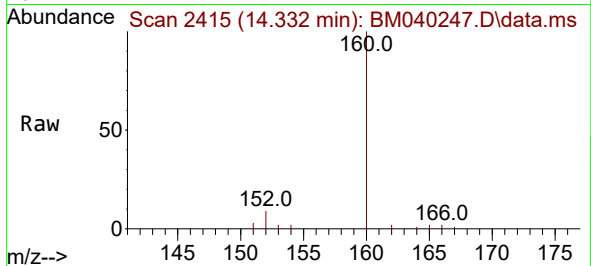




#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.332 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BM040247.D
Acq: 14 Jun 2023 21:17

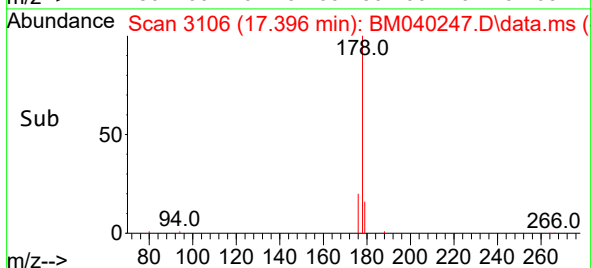
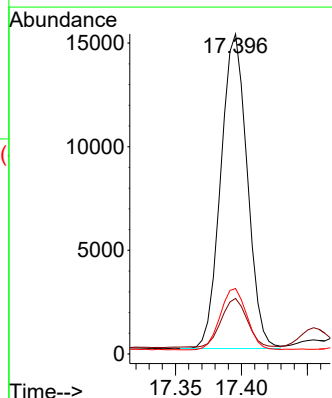
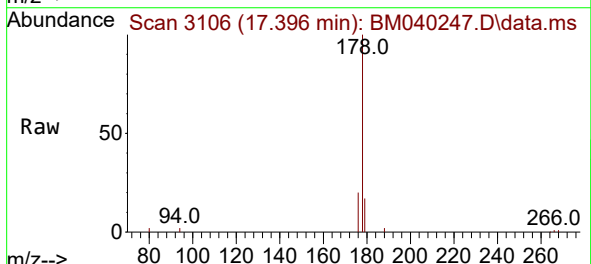
Instrument :
BNA_M
ClientSampleId :
DCFR6

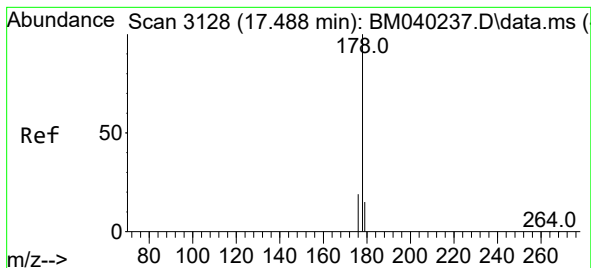
Tgt Ion:152 Resp: 1780
Ion Ratio Lower Upper
152 100
151 32.9 16.3 24.5#
153 23.9 10.7 16.1#



#15
Phenanthrene
Concen: 0.184 ng/ul
RT: 17.396 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM040247.D
Acq: 14 Jun 2023 21:17

Tgt Ion:178 Resp: 21125
Ion Ratio Lower Upper
178 100
179 17.4 12.6 19.0
176 20.5 16.1 24.1





#16

Anthracene

Concen: 0.033 ng/ul

RT: 17.484 min Scan# 3128

Delta R.T. -0.004 min

Lab File: BM040247.D

Acq: 14 Jun 2023 21:17

Instrument :

BNA_M

ClientSampleId :

DCFR6

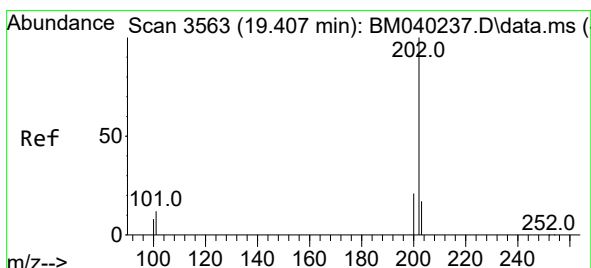
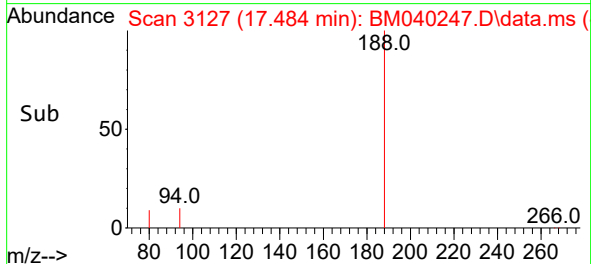
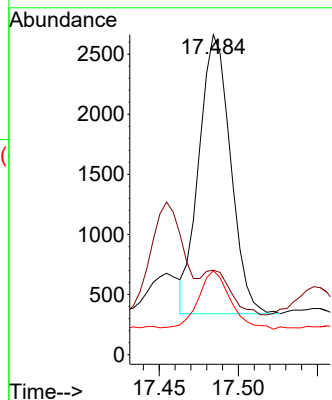
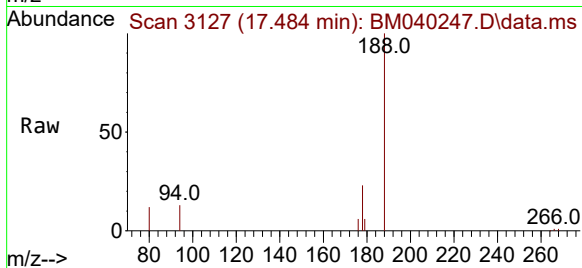
Tgt Ion:178 Resp: 3212

Ion Ratio Lower Upper

178 100

179 26.4 13.0 19.4#

176 26.2 15.5 23.3#



#19

Fluoranthene

Concen: 0.598 ng/ul

RT: 19.407 min Scan# 3563

Delta R.T. -0.000 min

Lab File: BM040247.D

Acq: 14 Jun 2023 21:17

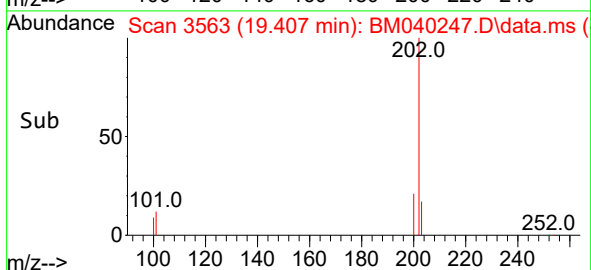
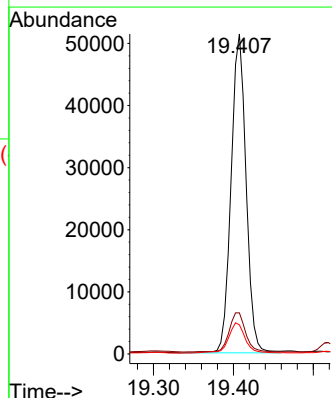
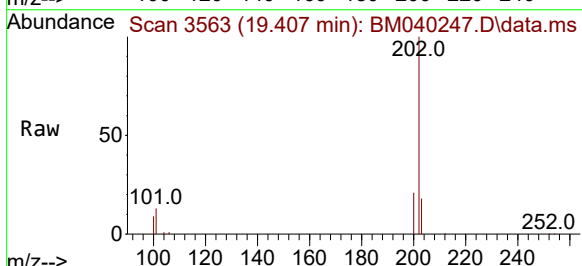
Tgt Ion:202 Resp: 66856

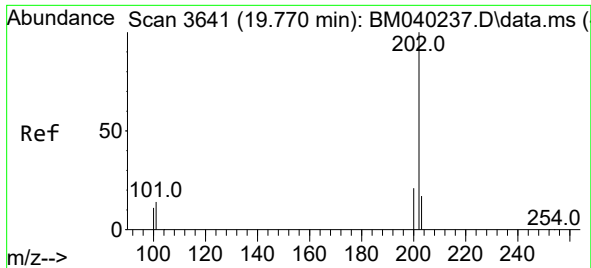
Ion Ratio Lower Upper

202 100

101 12.9 10.2 15.4

100 9.1 7.6 11.4

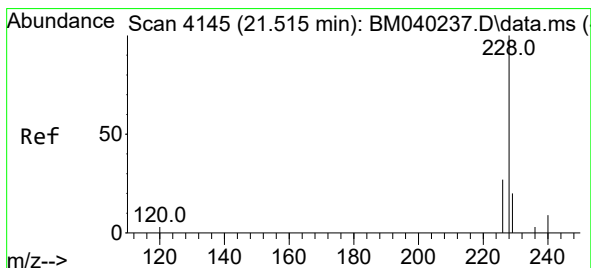
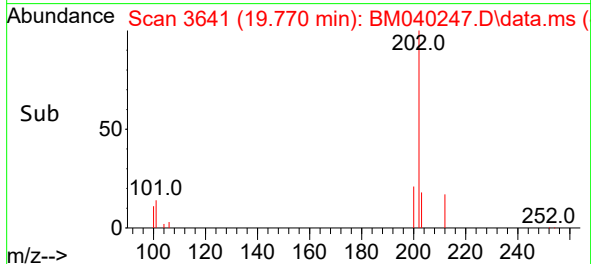
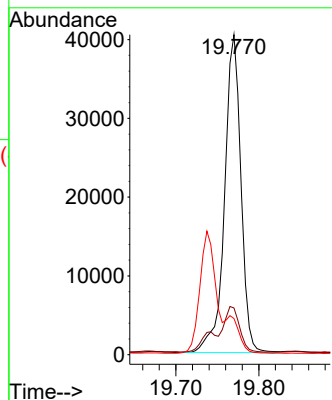
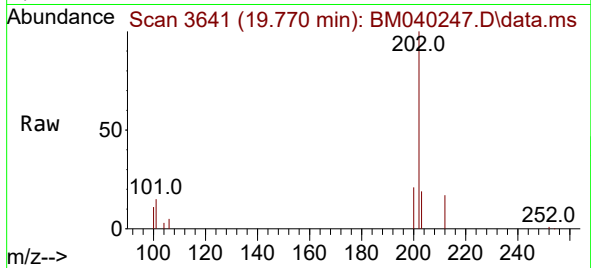




#20
Pyrene
Concen: 0.474 ng/ul
RT: 19.770 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM040247.D
Acq: 14 Jun 2023 21:17

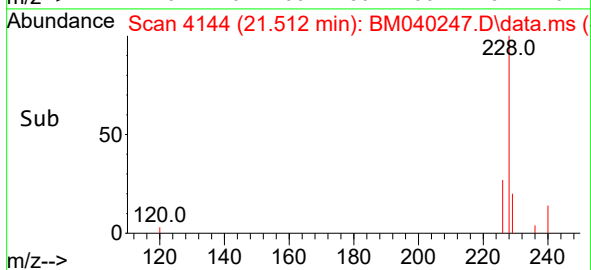
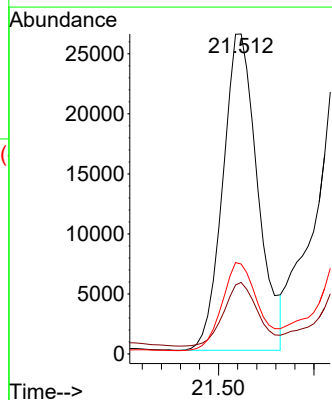
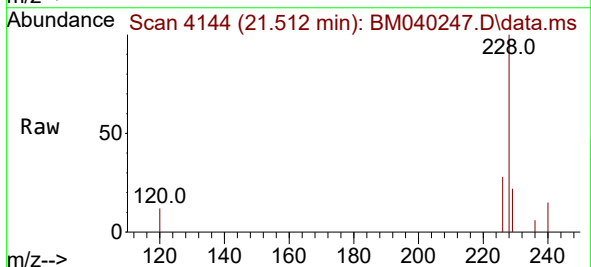
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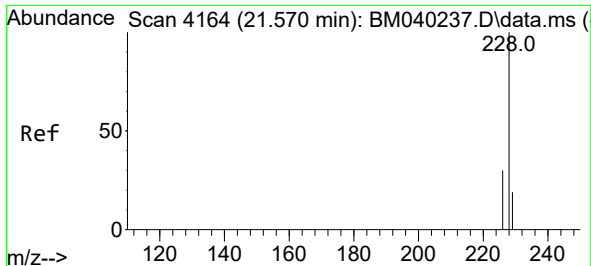
Tgt Ion:202 Resp: 55110
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.8
100 11.3 9.3 13.9



#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.512 min Scan# 4144
Delta R.T. -0.003 min
Lab File: BM040247.D
Acq: 14 Jun 2023 21:17

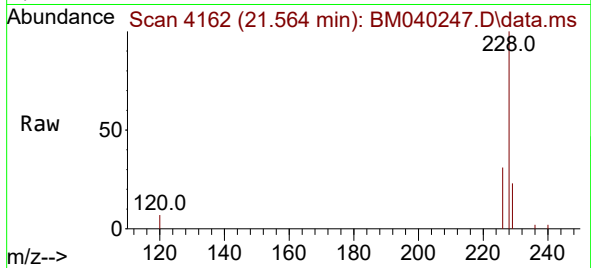
Tgt Ion:228 Resp: 33450
Ion Ratio Lower Upper
228 100
229 22.4 15.8 23.8
226 28.1 22.0 33.0



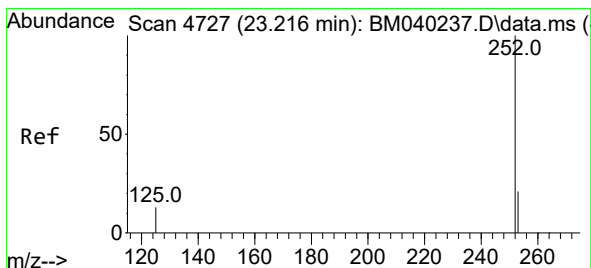
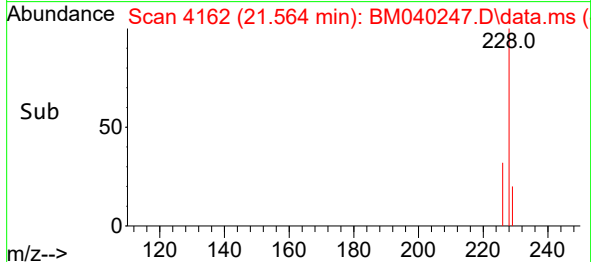
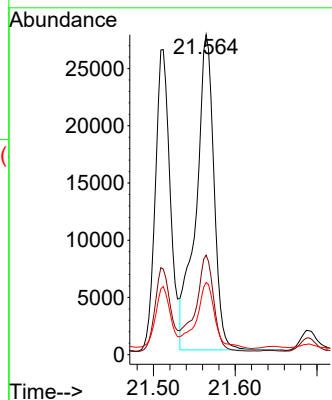


#22
Chrysene
Concen: 0.412 ng/ul
RT: 21.564 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BM040247.D
Acq: 14 Jun 2023 21:17

Instrument :
BNA_M
ClientSampleId :
DCFR6

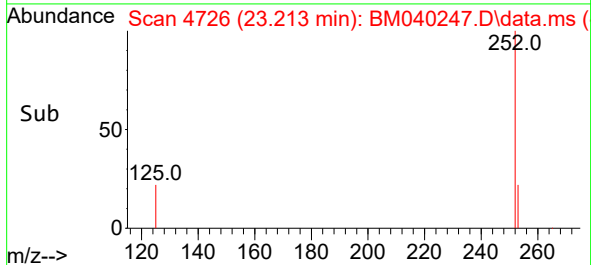
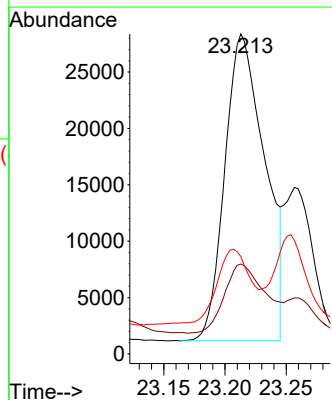
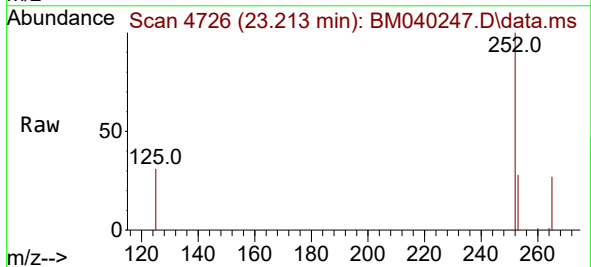


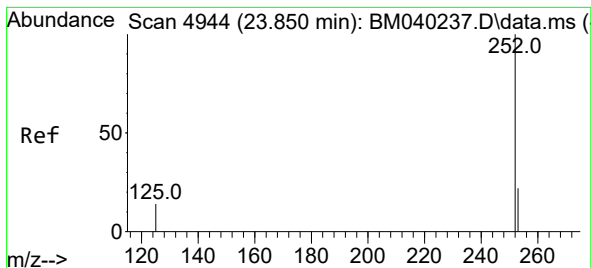
Tgt Ion:228 Resp: 42150
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 22.5 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.606 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040247.D
Acq: 14 Jun 2023 21:17

Tgt Ion:252 Resp: 61865
Ion Ratio Lower Upper
252 100
253 28.1 0.0 52.4
125 30.5 0.0 38.4





#26

Benzo(a)pyrene

Concen: 0.300 ng/ul

RT: 23.844 min Scan# 4944

Delta R.T. -0.006 min

Lab File: BM040247.D

Acq: 14 Jun 2023 21:17

Instrument :

BNA_M

ClientSampleId :

DCFR6

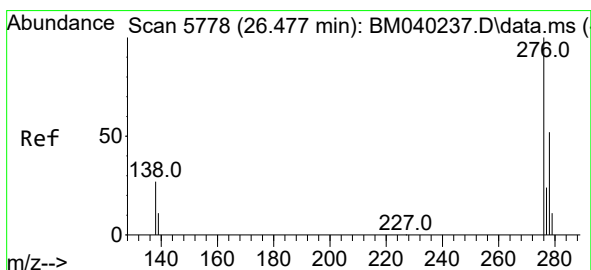
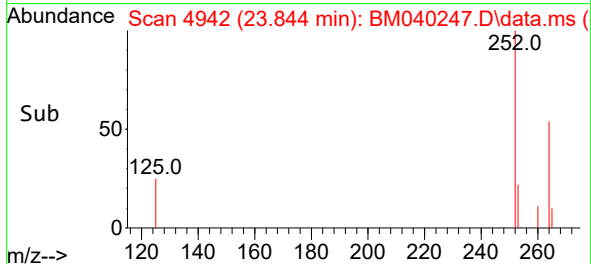
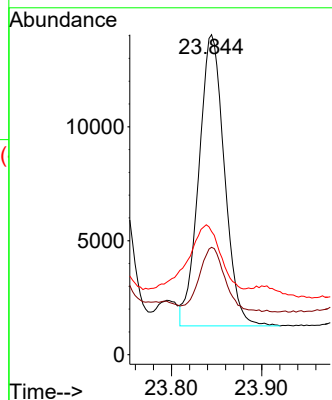
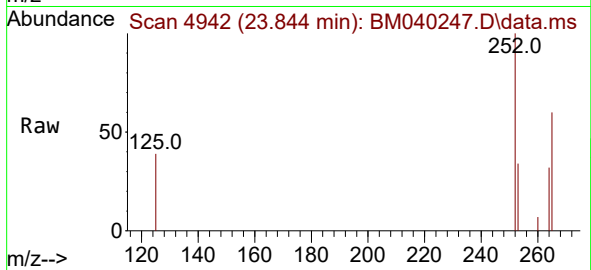
Tgt Ion:252 Resp: 25111

Ion Ratio Lower Upper

252 100

253 33.6 23.4 35.0

125 38.5 19.7 29.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.230 ng/ul

RT: 26.471 min Scan# 5776

Delta R.T. -0.007 min

Lab File: BM040247.D

Acq: 14 Jun 2023 21:17

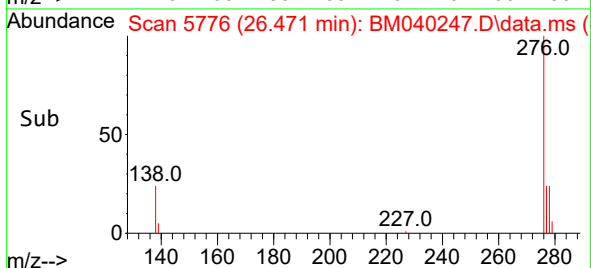
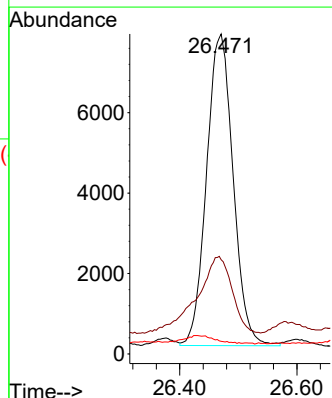
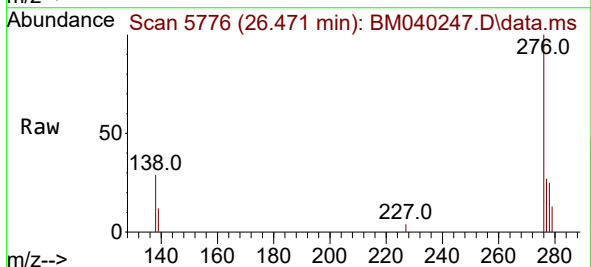
Tgt Ion:276 Resp: 24438

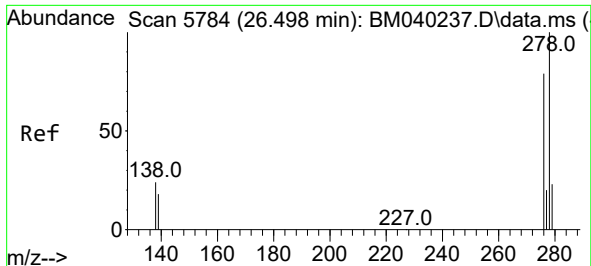
Ion Ratio Lower Upper

276 100

138 32.7 23.3 34.9

227 0.0 0.1 0.1#

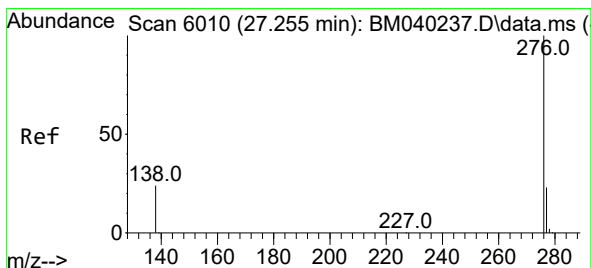
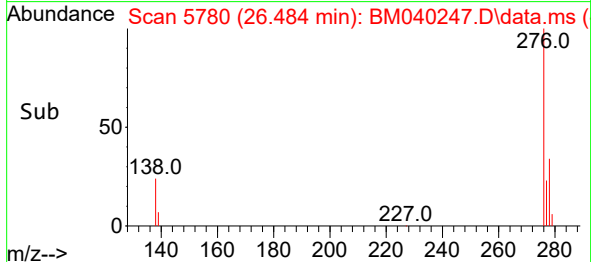
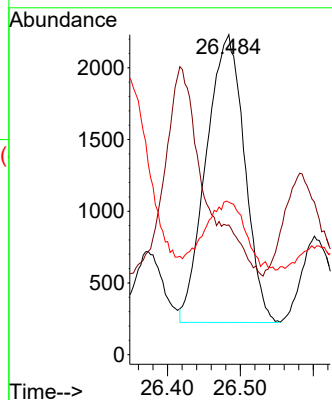
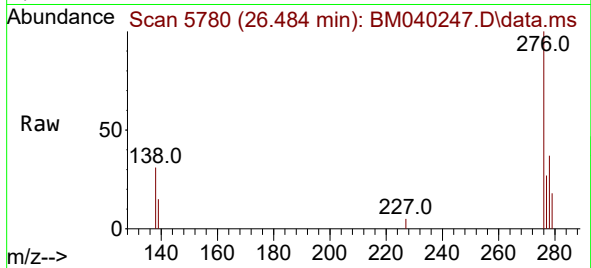




#28
 Dibenzo(a,h)anthracene
 Concen: 0.086 ng/ul
 RT: 26.484 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: BM040247.D
 Acq: 14 Jun 2023 21:17

Instrument :
 BNA_M
 ClientSampleId :
 DCFR6

Tgt Ion:278 Resp: 7305
 Ion Ratio Lower Upper
 278 100
 139 40.6 16.4 24.6#
 279 47.6 21.8 32.8#



#29
 Benzo(g,h,i)perylene
 Concen: 0.031 ng/ul
 RT: 27.245 min Scan# 6007
 Delta R.T. -0.010 min
 Lab File: BM040247.D
 Acq: 14 Jun 2023 21:17

Tgt Ion:276 Resp: 2761
 Ion Ratio Lower Upper
 276 100
 138 75.7 21.0 31.4#
 277 43.1 19.6 29.4#

