

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
 Data File : BM040244.D
 Acq On : 14 Jun 2023 19:27
 Operator : MA/JU
 Sample : 03088-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR2

Quant Time: Jun 15 00:51:59 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

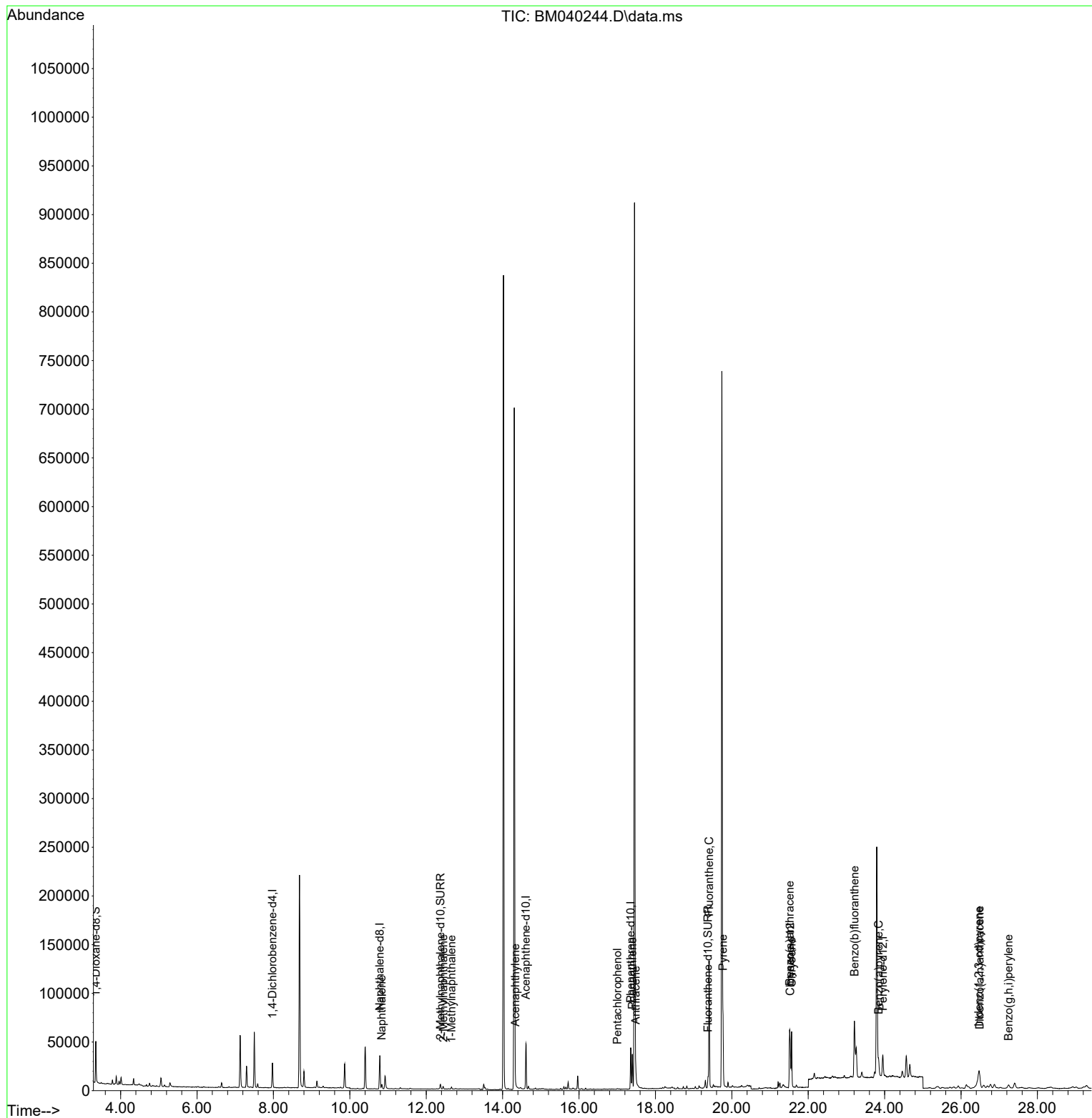
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	12541	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	45986	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	25200	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	47654	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	32520	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	30457	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	24890	1.607	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	6473	0.111	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	11521	0.142	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.833	128	3297	0.030	ng/ul#	87
7) 2-Methylnaphthalene	12.444	142	1902	0.028	ng/ul	98
8) 1-Methylnaphthalene	12.659	142	1422	0.020	ng/ul	100
10) Acenaphthylene	14.332	152	3181	0.036	ng/ul#	85
14) Pentachlorophenol	17.003	266	487	0.050	ng/ul	97
15) Phenanthrene	17.396	178	35982	0.287	ng/ul	99
16) Anthracene	17.488	178	8594	0.081	ng/ul#	93
19) Fluoranthene	19.407	202	104864	0.947	ng/ul	100
20) Pyrene	19.770	202	58296	0.507	ng/ul	99
21) Benzo(a)anthracene	21.512	228	47196	0.492	ng/ul	98
22) Chrysene	21.564	228	56058	0.553	ng/ul	98
24) Benzo(b)fluoranthene	23.210	252	83202	0.741	ng/ul	88
26) Benzo(a)pyrene	23.842	252	19398	0.211	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.467	276	27228	0.233	ng/ul#	71
28) Dibenzo(a,h)anthracene	26.488	278	15190	0.162	ng/ul#	82
29) Benzo(g,h,i)perylene	27.245	276	7395	0.076	ng/ul#	77

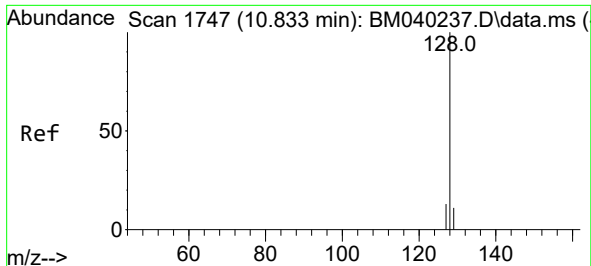
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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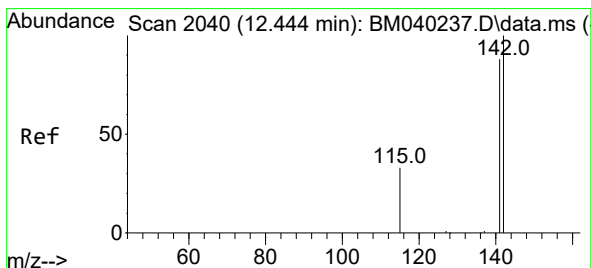
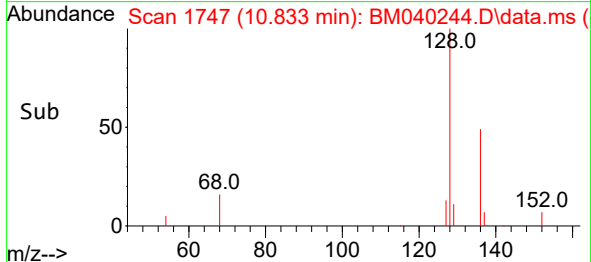
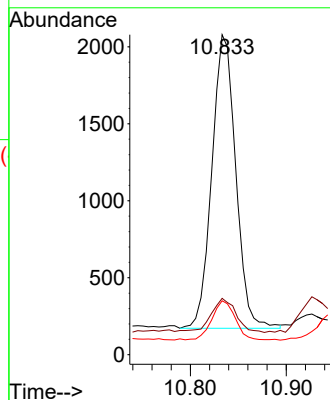
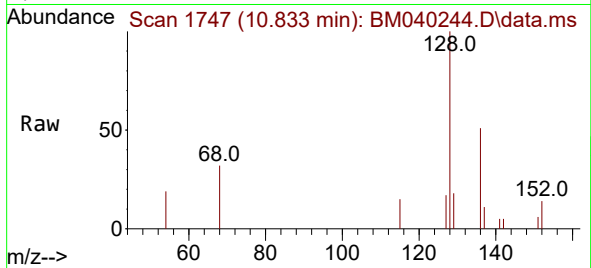




#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM040244.D
Acq: 14 Jun 2023 19:27

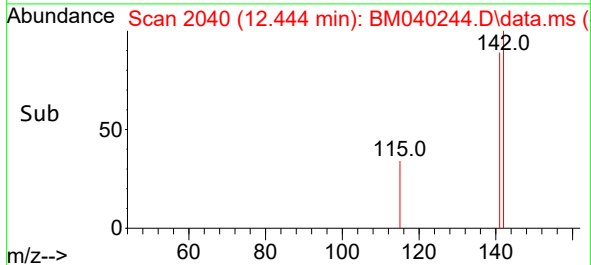
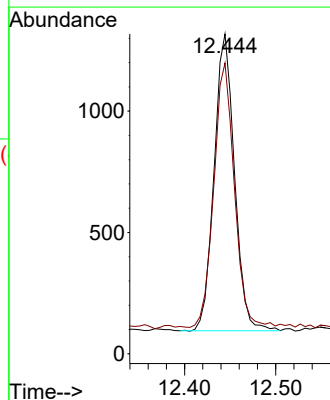
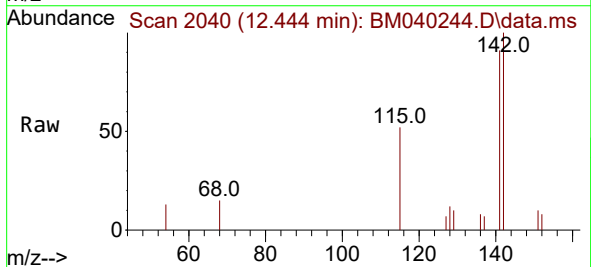
Instrument :
BNA_M
ClientSampleId :
DCFR2

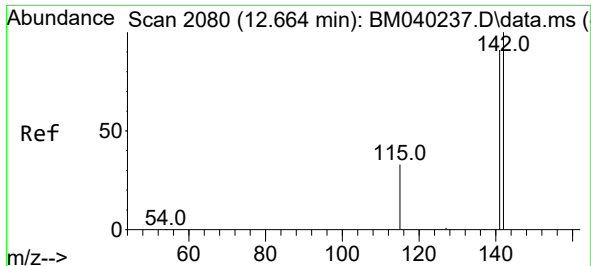
Tgt Ion:128 Resp: 3297
Ion Ratio Lower Upper
128 100
129 17.6 9.1 13.7#
127 16.9 10.4 15.6#



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.444 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BM040244.D
Acq: 14 Jun 2023 19:27

Tgt Ion:142 Resp: 1902
Ion Ratio Lower Upper
142 100
141 90.3 70.6 106.0

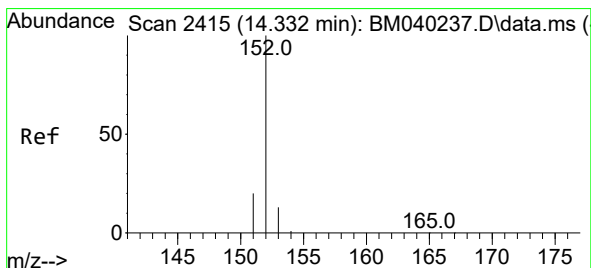
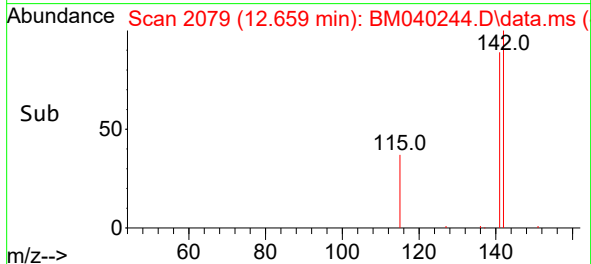
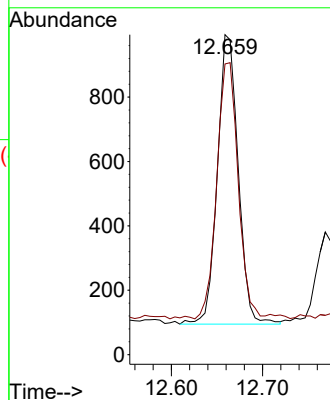
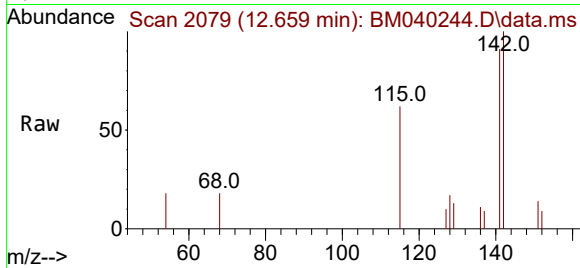




#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.659 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BM040244.D
Acq: 14 Jun 2023 19:27

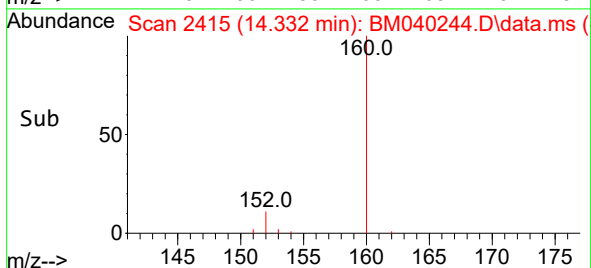
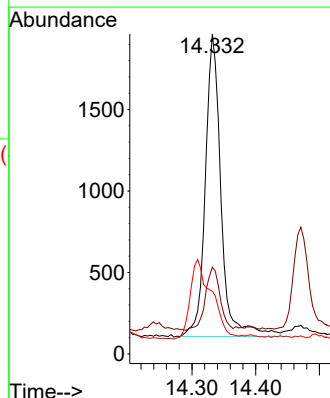
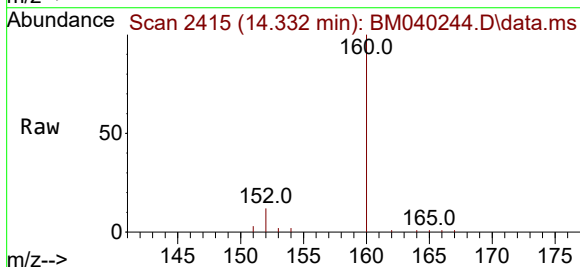
Instrument :
BNA_M
ClientSampleId :
DCFR2

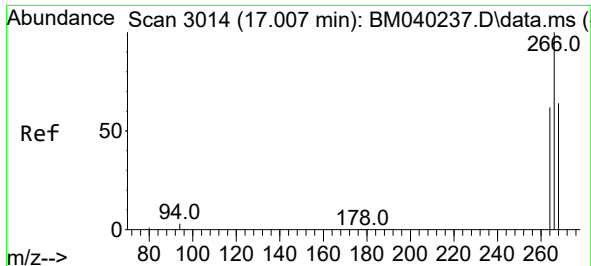
Tgt Ion:142 Resp: 1422
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4



#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.332 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM040244.D
Acq: 14 Jun 2023 19:27

Tgt Ion:152 Resp: 3181
Ion Ratio Lower Upper
152 100
151 27.1 16.3 24.5#
153 19.6 10.7 16.1#

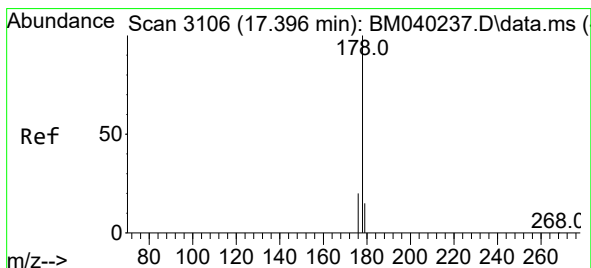
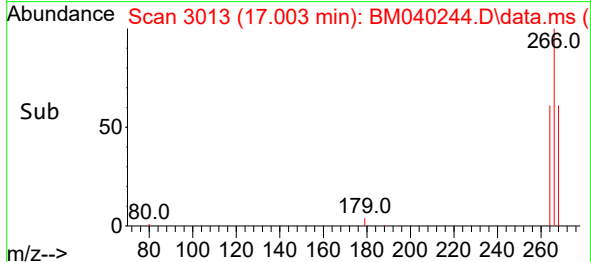
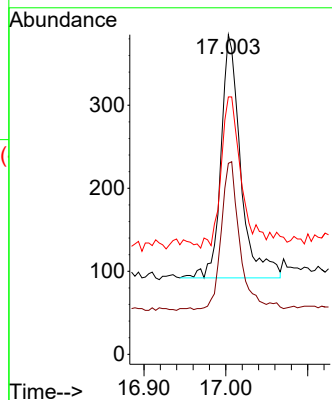
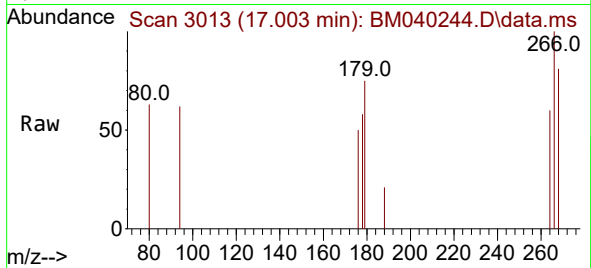




#14
 Pentachlorophenol
 Concen: 0.050 ng/ul
 RT: 17.003 min Scan# 3013
 Delta R.T. -0.004 min
 Lab File: BM040244.D
 Acq: 14 Jun 2023 19:27

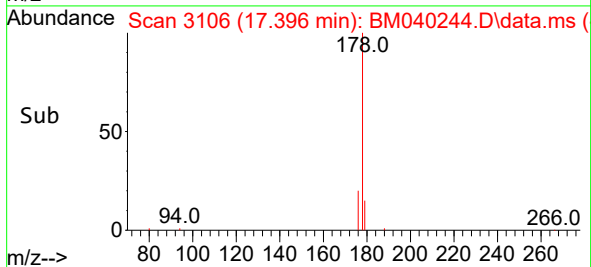
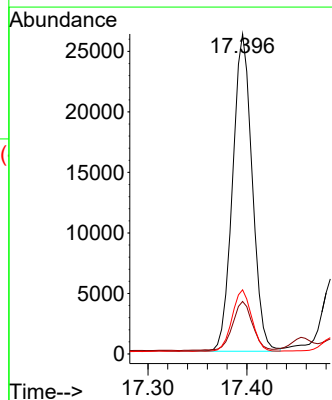
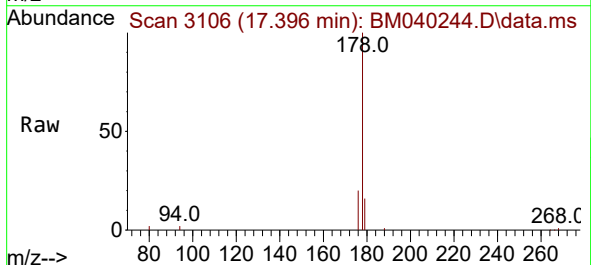
Instrument :
 BNA_M
 ClientSampleId :
 DCFR2

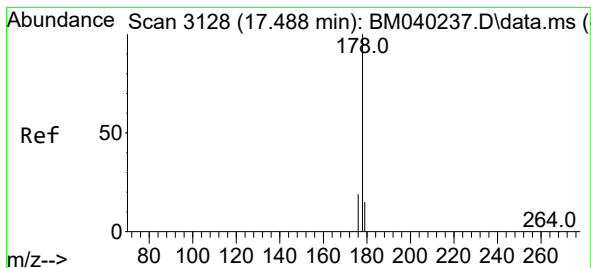
Tgt Ion:266 Resp: 487
 Ion Ratio Lower Upper
 266 100
 264 57.7 49.4 74.0
 268 63.4 51.3 76.9



#15
 Phenanthrene
 Concen: 0.287 ng/ul
 RT: 17.396 min Scan# 3106
 Delta R.T. 0.000 min
 Lab File: BM040244.D
 Acq: 14 Jun 2023 19:27

Tgt Ion:178 Resp: 35982
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.6 19.0
 176 20.1 16.1 24.1





#16

Anthracene

Concen: 0.081 ng/ul

RT: 17.488 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM040244.D

Acq: 14 Jun 2023 19:27

Instrument :

BNA_M

ClientSampleId :

DCFR2

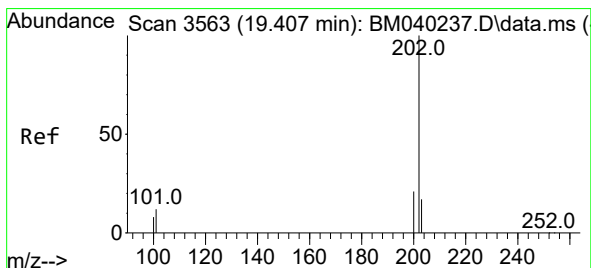
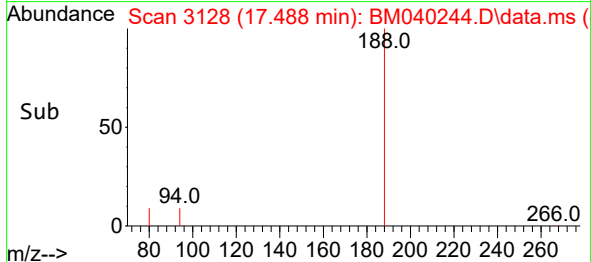
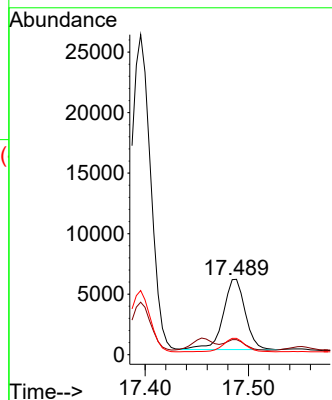
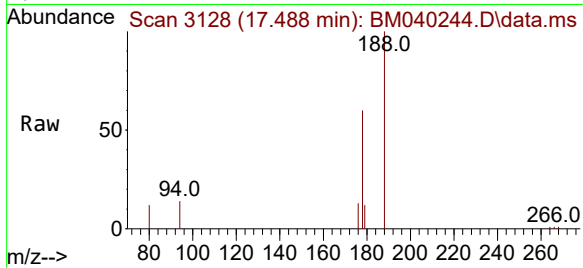
Tgt Ion:178 Resp: 8594

Ion Ratio Lower Upper

178 100

179 20.0 13.0 19.4#

176 21.6 15.5 23.3



#19

Fluoranthene

Concen: 0.947 ng/ul

RT: 19.407 min Scan# 3563

Delta R.T. 0.000 min

Lab File: BM040244.D

Acq: 14 Jun 2023 19:27

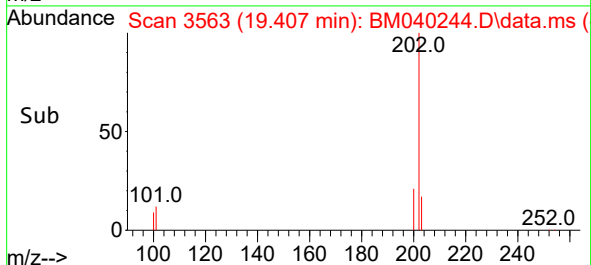
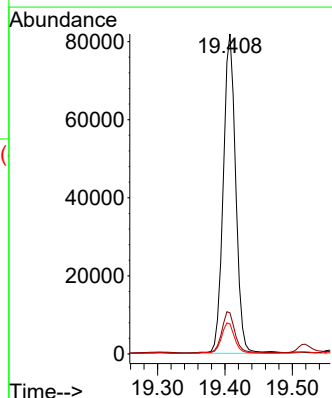
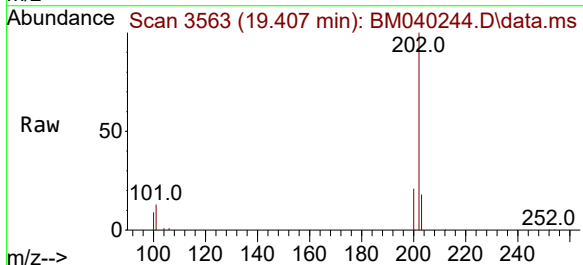
Tgt Ion:202 Resp: 104864

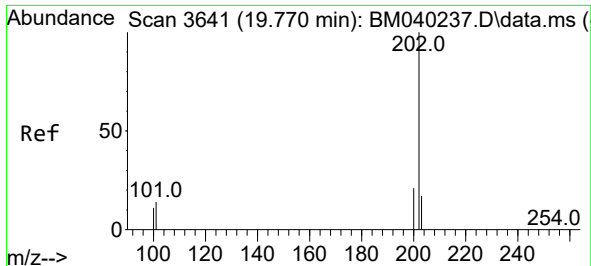
Ion Ratio Lower Upper

202 100

101 12.8 10.2 15.4

100 9.4 7.6 11.4

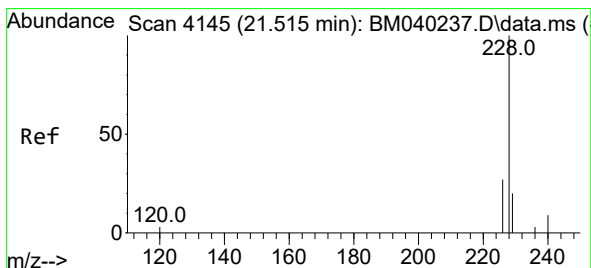
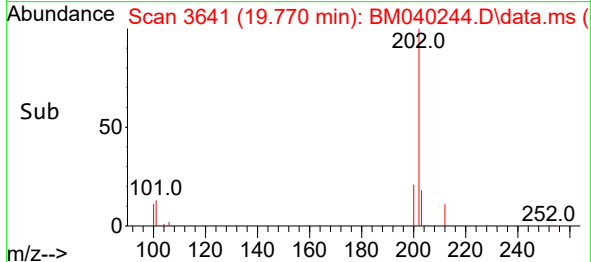
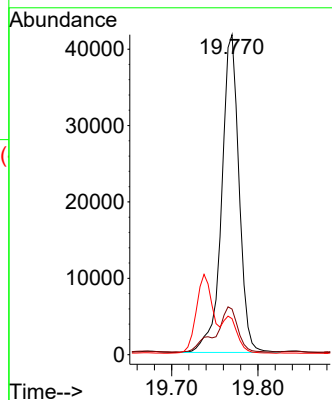
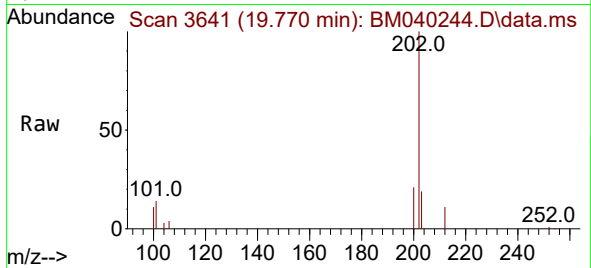




#20
Pyrene
Concen: 0.507 ng/ul
RT: 19.770 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM040244.D
Acq: 14 Jun 2023 19:27

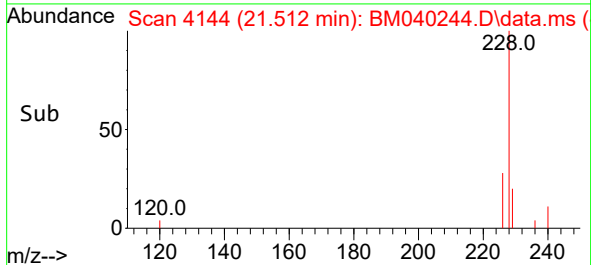
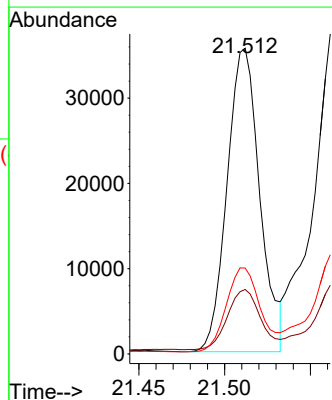
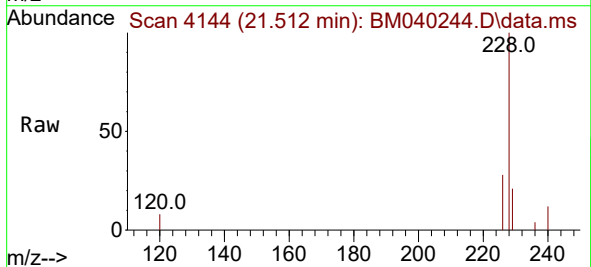
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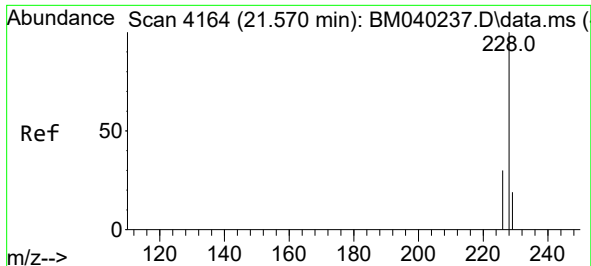
Tgt Ion:202 Resp: 58296
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.8
100 11.2 9.3 13.9



#21
Benzo(a)anthracene
Concen: 0.492 ng/ul
RT: 21.512 min Scan# 4144
Delta R.T. -0.003 min
Lab File: BM040244.D
Acq: 14 Jun 2023 19:27

Tgt Ion:228 Resp: 47196
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.8
226 28.1 22.0 33.0





#22

Chrysene

Concen: 0.553 ng/ul

RT: 21.564 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM040244.D

Acq: 14 Jun 2023 19:27

Instrument :

BNA_M

ClientSampleId :

DCFR2

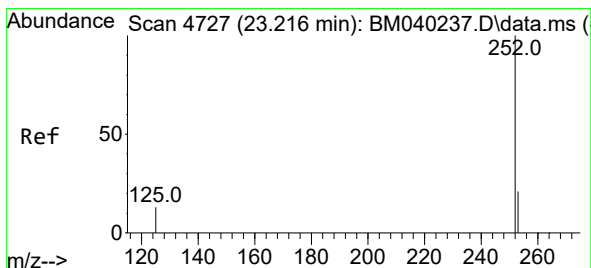
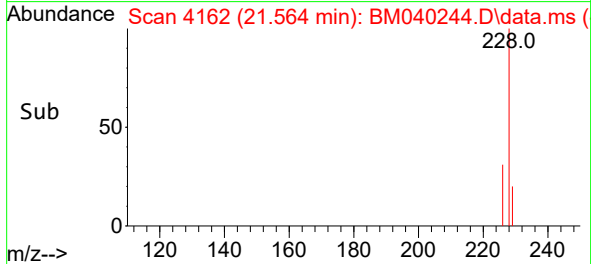
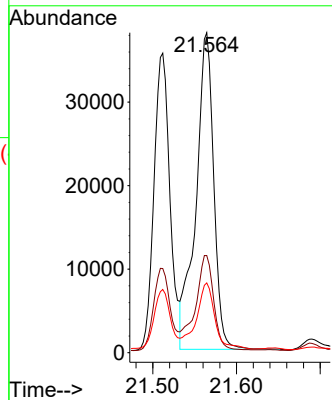
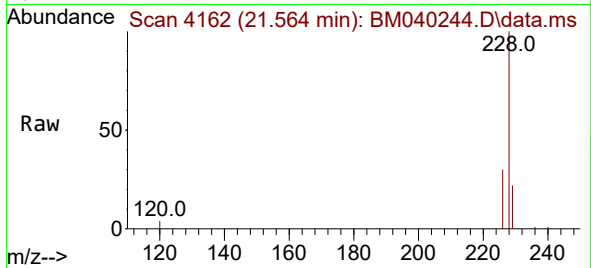
Tgt Ion:228 Resp: 56058

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 21.8 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.741 ng/ul

RT: 23.210 min Scan# 4725

Delta R.T. -0.006 min

Lab File: BM040244.D

Acq: 14 Jun 2023 19:27

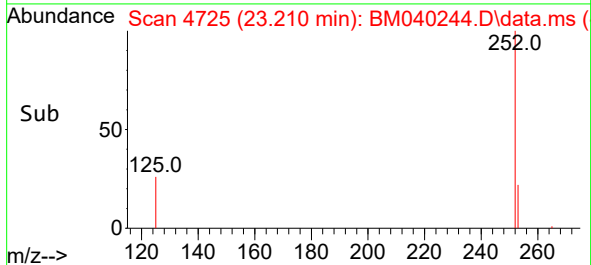
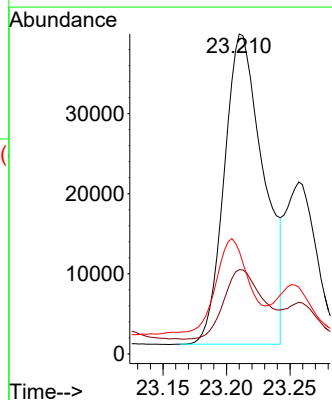
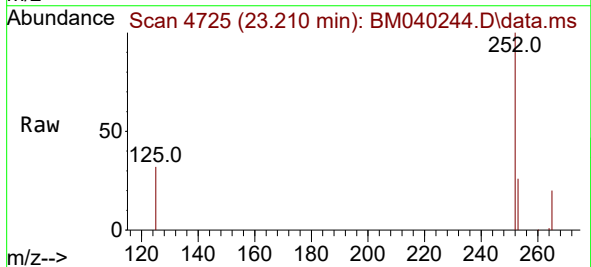
Tgt Ion:252 Resp: 83202

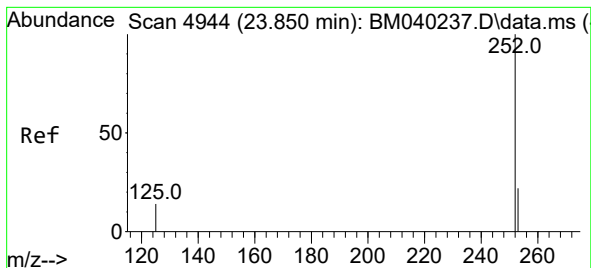
Ion Ratio Lower Upper

252 100

253 26.4 0.0 52.4

125 32.2 0.0 38.4





#26

Benzo(a)pyrene

Concen: 0.211 ng/ul

RT: 23.842 min Scan# 4941

Delta R.T. -0.009 min

Lab File: BM040244.D

Acq: 14 Jun 2023 19:27

Instrument :

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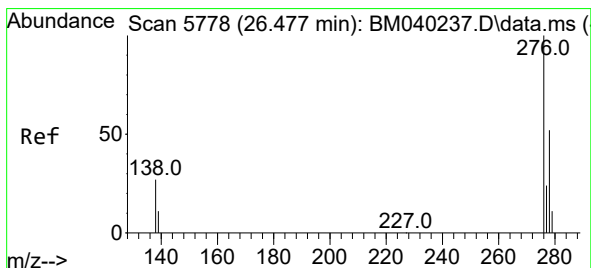
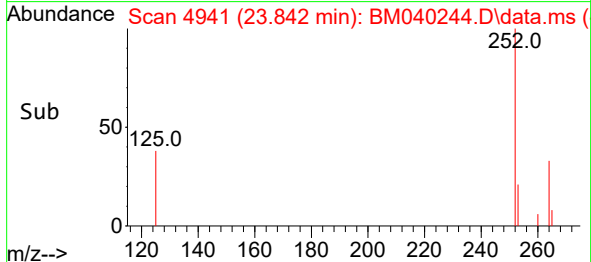
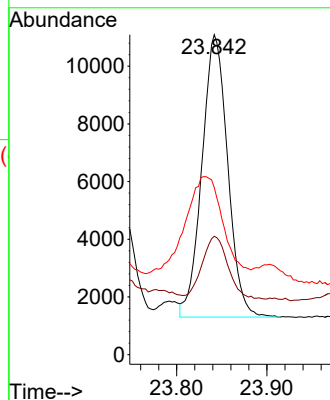
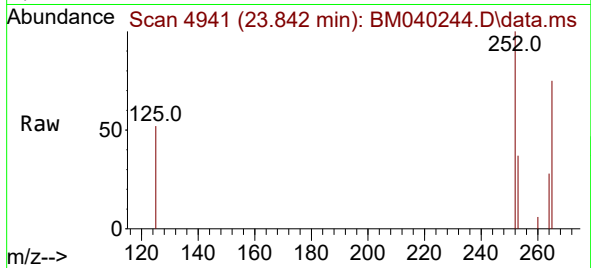
Tgt Ion:252 Resp: 19398

Ion Ratio Lower Upper

252 100

253 37.0 23.4 35.0#

125 52.2 19.7 29.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.233 ng/ul

RT: 26.467 min Scan# 5775

Delta R.T. -0.010 min

Lab File: BM040244.D

Acq: 14 Jun 2023 19:27

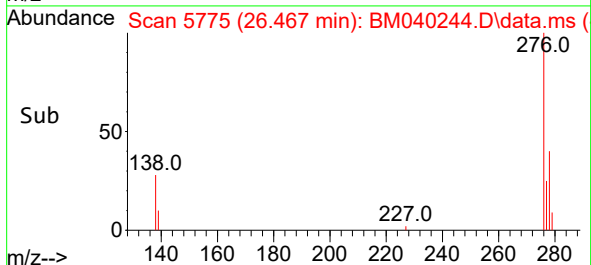
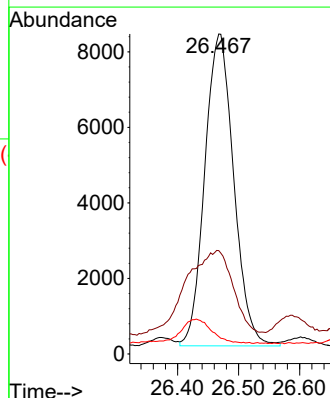
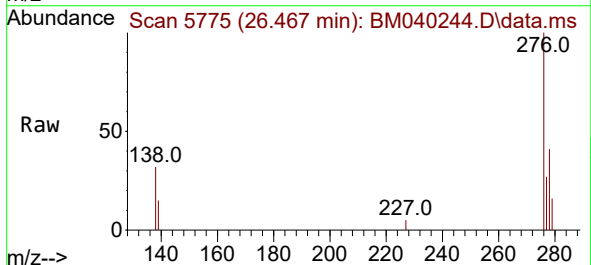
Tgt Ion:276 Resp: 27228

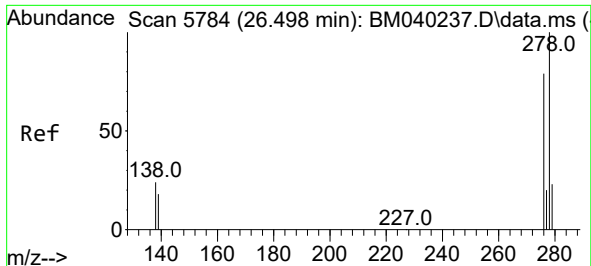
Ion Ratio Lower Upper

276 100

138 44.8 23.3 34.9#

227 0.0 0.1 0.1#

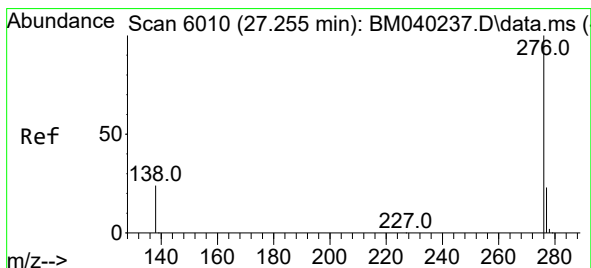
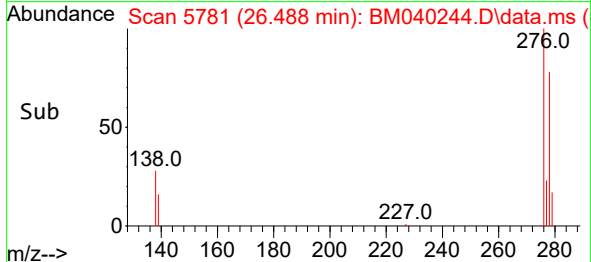
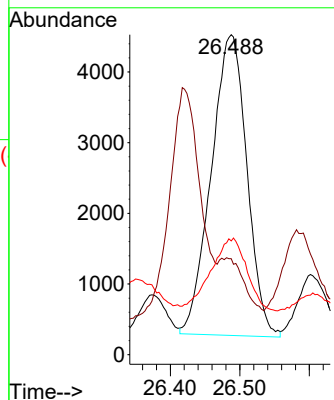
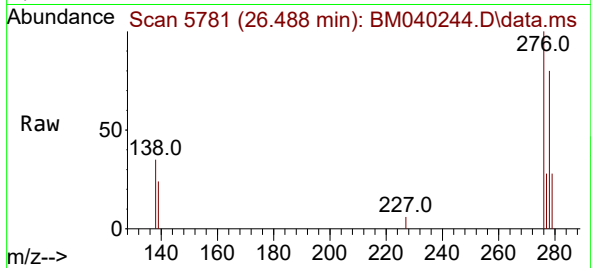




#28
Dibenzo(a,h)anthracene
Concen: 0.162 ng/ul
RT: 26.488 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM040244.D
Acq: 14 Jun 2023 19:27

Instrument :
BNA_M
ClientSampleId :
DCFR2

Tgt Ion:278 Resp: 15190
Ion Ratio Lower Upper
278 100
139 30.0 16.4 24.6#
279 35.5 21.8 32.8#



#29
Benzo(g,h,i)perylene
Concen: 0.076 ng/ul
RT: 27.245 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BM040244.D
Acq: 14 Jun 2023 19:27

Tgt Ion:276 Resp: 7395
Ion Ratio Lower Upper
276 100
138 42.3 21.0 31.4#
277 31.1 19.6 29.4#

