

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039315.D
 Acq On : 06 Apr 2023 13:33
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV021

Quant Time: Apr 06 23:59:41 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 23:58:10 2023
 Response via : Initial Calibration

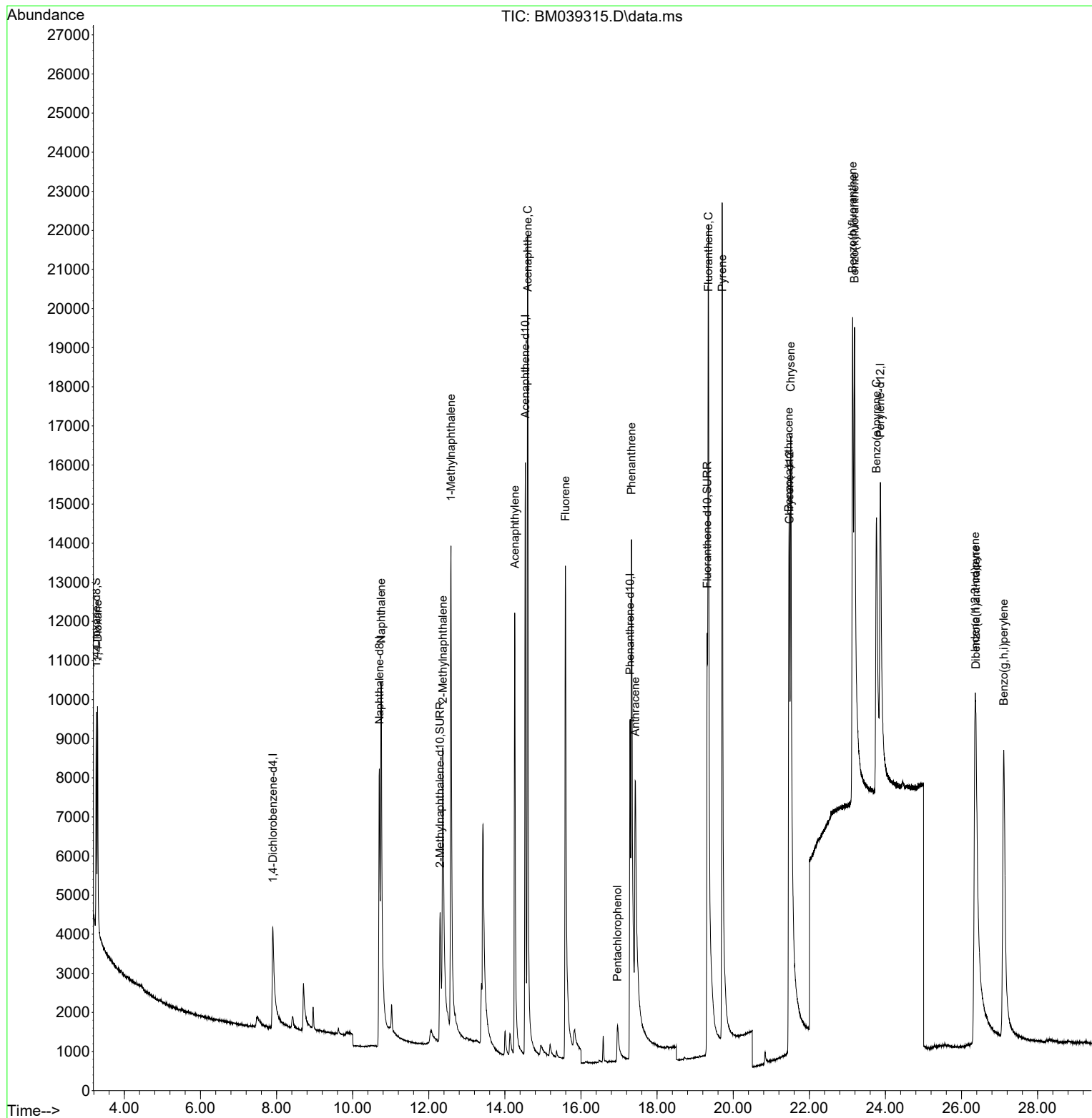
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	3580	0.400	ng/ul	0.00
4) Naphthalene-d8	10.702	136	17468	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.537	164	10231	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	15621	0.400	ng/ul	0.00
17) Chrysene-d12	21.480	240	13779	0.400	ng/ul	0.00
23) Perylene-d12	23.868	264	14689	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	3396	0.512	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.297	152	9503	0.471	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	19507	0.454	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.296	88	3643	0.513	ng/ul#	90
5) Naphthalene	10.752	128	19032	0.458	ng/ul	99
7) 2-Methylnaphthalene	12.368	142	10673	0.457	ng/ul	100
8) 1-Methylnaphthalene	12.583	142	12177	0.461	ng/ul	98
10) Acenaphthylene	14.259	152	18164	0.458	ng/ul	99
11) Acenaphthene	14.601	153	14650	0.469	ng/ul	99
12) Fluorene	15.591	166	14589	0.469	ng/ul	99
14) Pentachlorophenol	16.957	266	1552	0.417	ng/ul#	81
15) Phenanthrene	17.329	178	19887	0.459	ng/ul	99
16) Anthracene	17.426	178	14438	0.438	ng/ul	99
19) Fluoranthene	19.348	202	25577	0.448	ng/ul	100
20) Pyrene	19.710	202	29943	0.458	ng/ul	100
21) Benzo(a)anthracene	21.463	228	14158	0.446	ng/ul	100
22) Chrysene	21.513	228	19183	0.492	ng/ul	99
24) Benzo(b)fluoranthene	23.140	252	21139	0.454	ng/ul	94
25) Benzo(k)fluoranthene	23.187	252	19301	0.434	ng/ul	93
26) Benzo(a)pyrene	23.766	252	20771	0.442	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.357	276	24276	0.410	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.377	278	16585	0.401	ng/ul	98
29) Benzo(g,h,i)perylene	27.109	276	23447	0.413	ng/ul	98

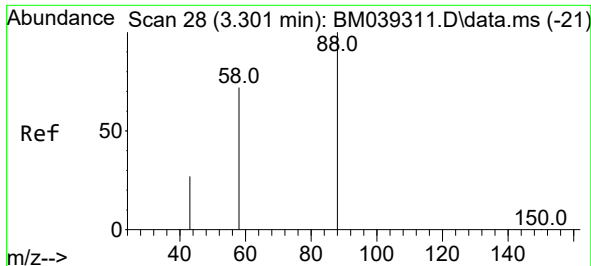
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 06 23:58:10 2023
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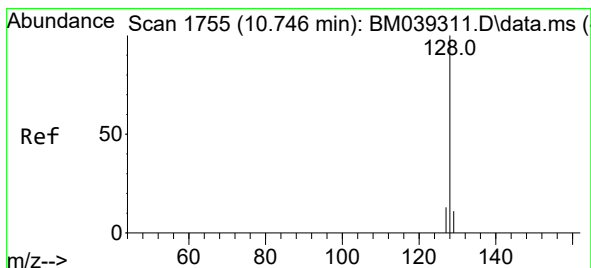
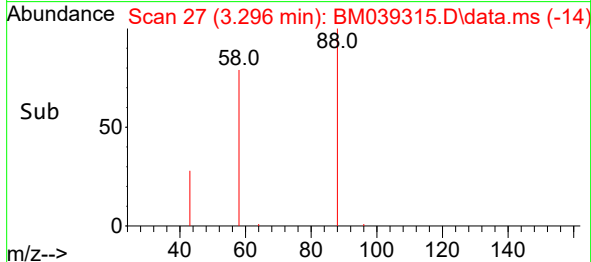
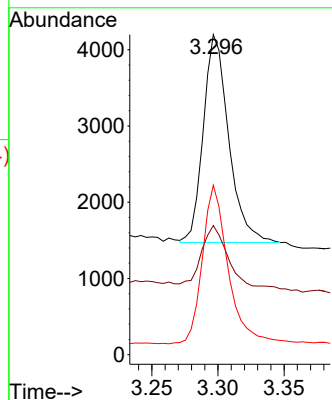
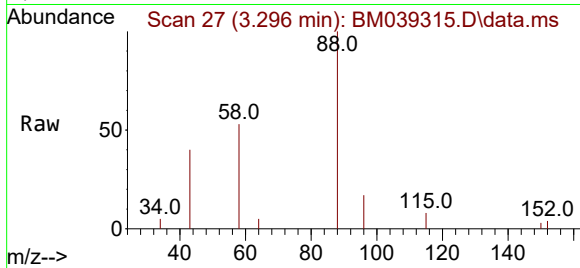




#2
1,4-Dioxane
Concen: 0.513 ng/ul
RT: 3.296 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

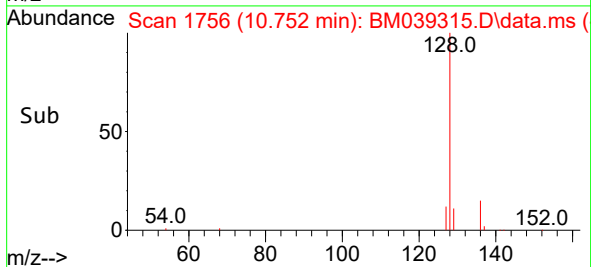
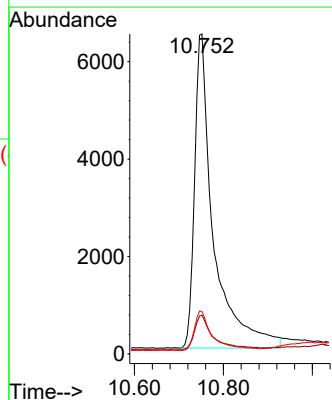
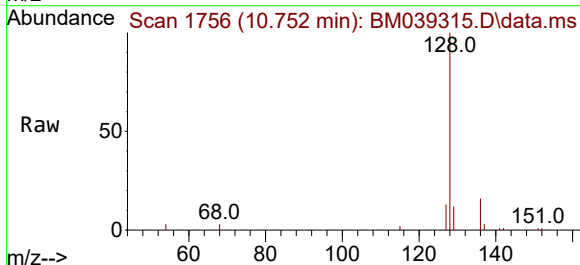
Instrument :
BNA_M
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SICV021

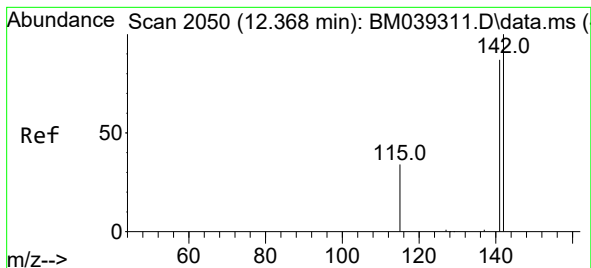
Tgt Ion: 88 Resp: 3643
Ion Ratio Lower Upper
88 100
43 40.3 30.6 45.8
58 52.9 34.1 51.1#



#5
Naphthalene
Concen: 0.458 ng/ul
RT: 10.752 min Scan# 1756
Delta R.T. 0.005 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

Tgt Ion: 128 Resp: 19032
Ion Ratio Lower Upper
128 100
129 12.1 10.1 15.1
127 13.3 11.0 16.4

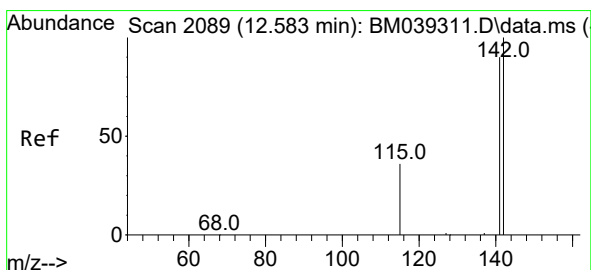
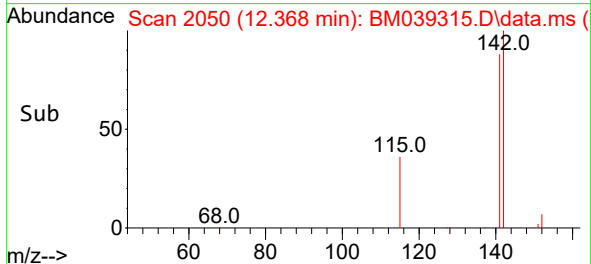
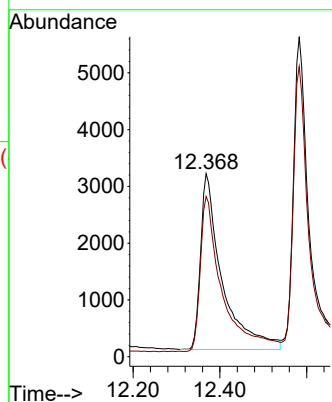
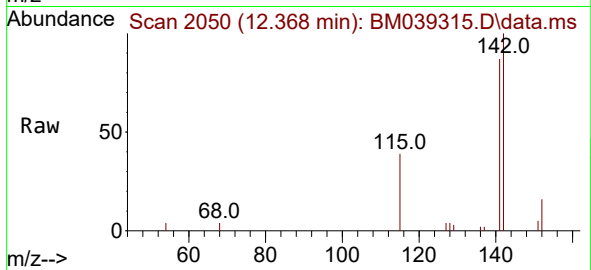




#7
2-Methylnaphthalene
Concen: 0.457 ng/ul
RT: 12.368 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

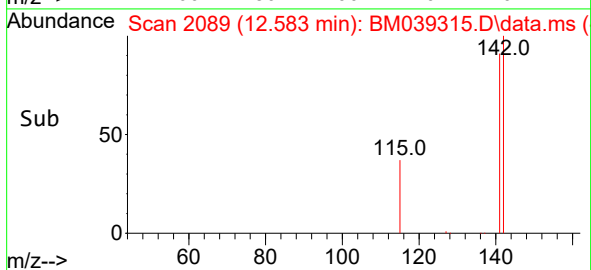
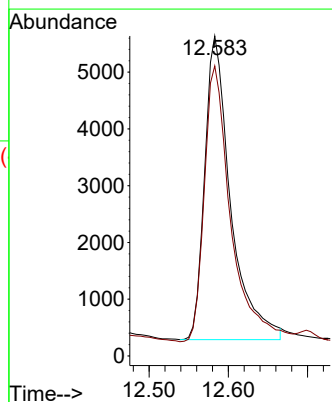
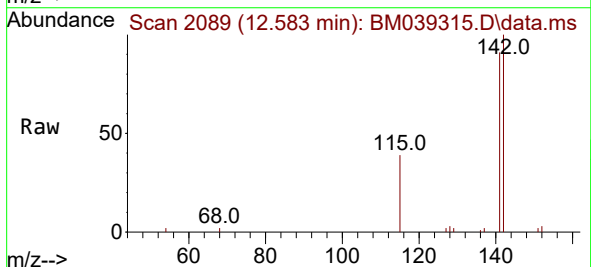
Instrument :
BNA_M
ClientSampleId :
SICV021

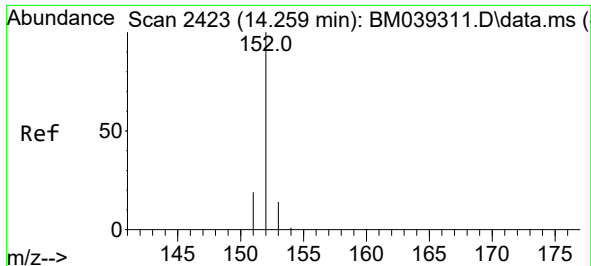
Tgt Ion:142 Resp: 10673
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.461 ng/ul
RT: 12.583 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

Tgt Ion:142 Resp: 12177
Ion Ratio Lower Upper
142 100
141 92.2 72.6 109.0

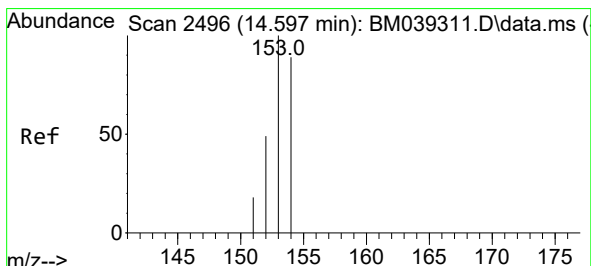
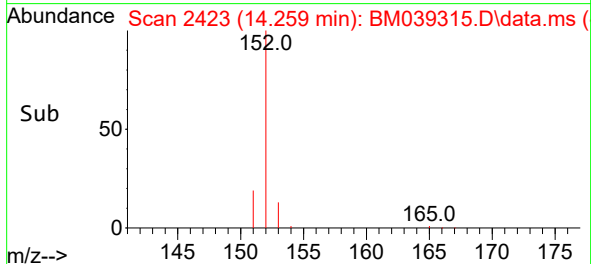
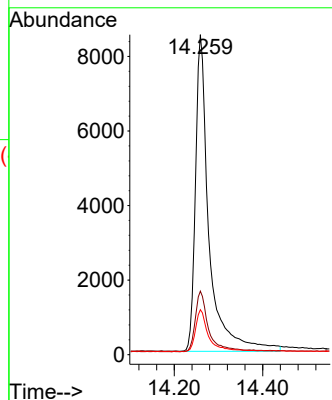
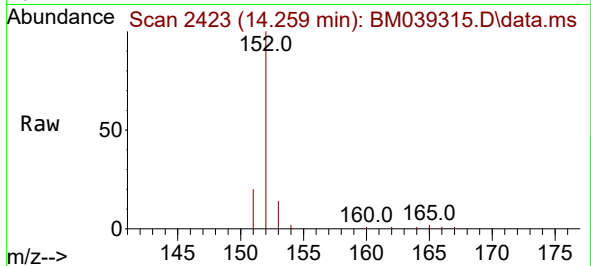




#10
Acenaphthylene
Concen: 0.458 ng/ul
RT: 14.259 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

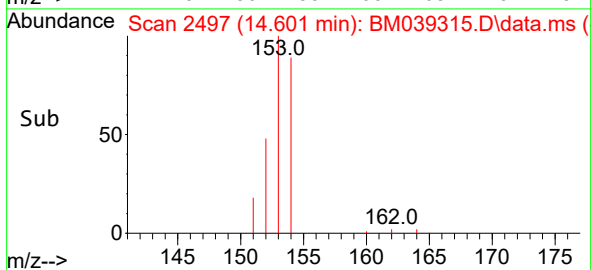
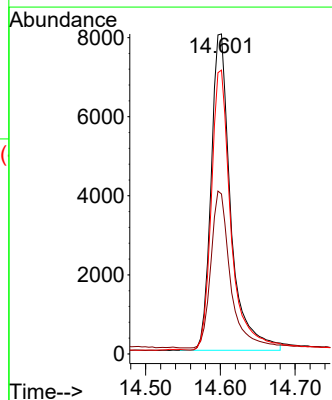
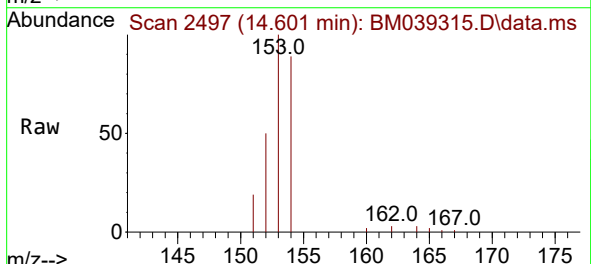
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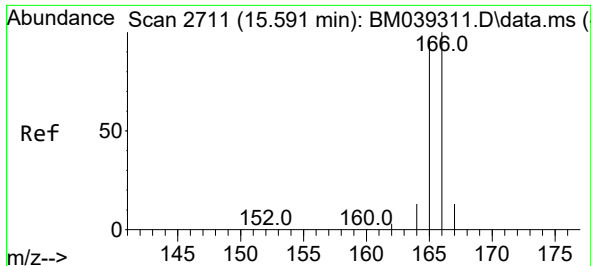
Tgt Ion:152 Resp: 18164
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 14.1 11.6 17.4



#11
Acenaphthene
Concen: 0.469 ng/ul
RT: 14.601 min Scan# 2497
Delta R.T. 0.005 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

Tgt Ion:153 Resp: 14650
Ion Ratio Lower Upper
153 100
152 50.0 40.3 60.5
154 88.7 71.5 107.3

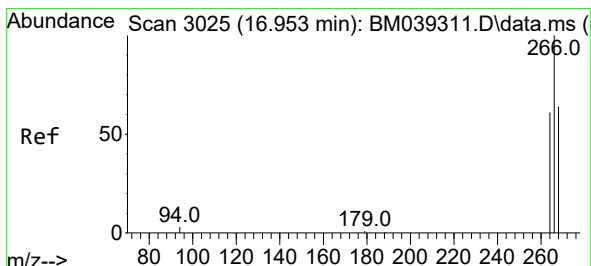
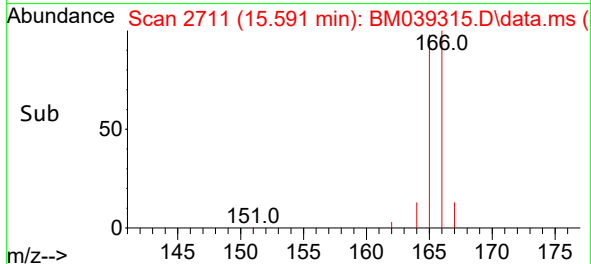
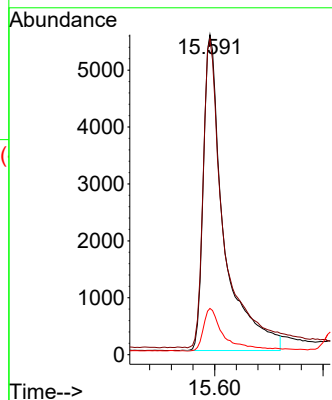
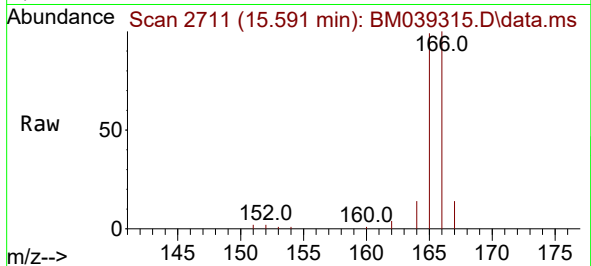




#12
Fluorene
Concen: 0.469 ng/ul
RT: 15.591 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

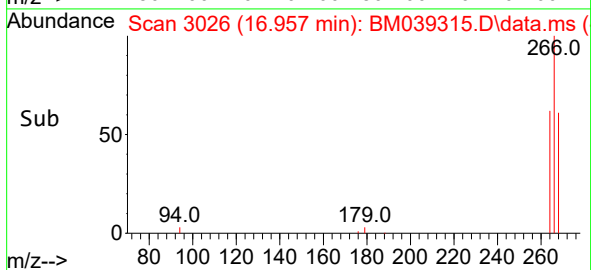
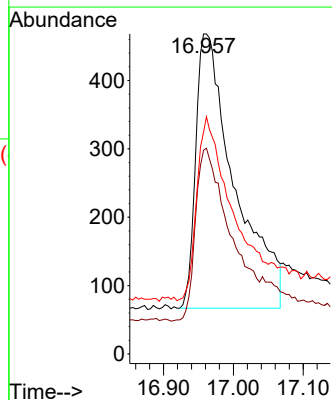
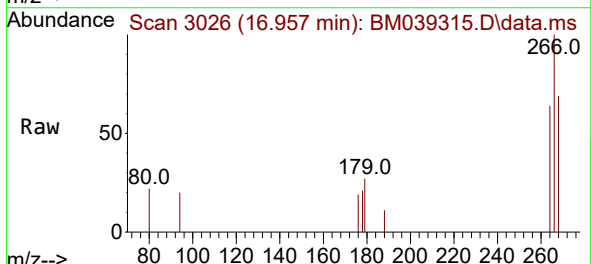
Instrument :
BNA_M
ClientSampleId :
SICV021

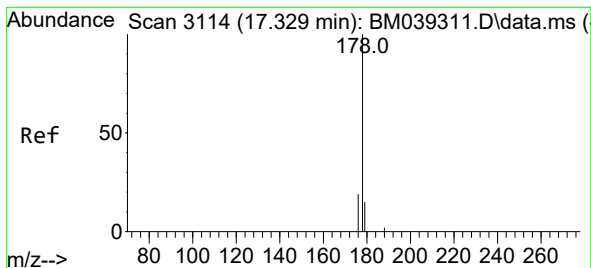
Tgt Ion:166 Resp: 14589
Ion Ratio Lower Upper
166 100
165 98.6 77.8 116.8
167 14.4 11.8 17.6



#14
Pentachlorophenol
Concen: 0.417 ng/ul
RT: 16.957 min Scan# 3026
Delta R.T. 0.004 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

Tgt Ion:266 Resp: 1552
Ion Ratio Lower Upper
266 100
264 64.0 39.6 59.4#
268 65.1 42.4 63.6#





#15

Phenanthrene

Concen: 0.459 ng/ul

RT: 17.329 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BM039315.D

Acq: 06 Apr 2023 13:33

Instrument :

BNA_M

ClientSampleId :

SICV021

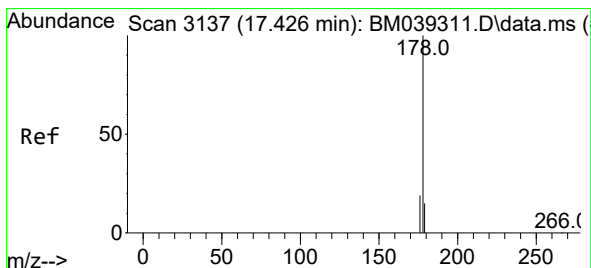
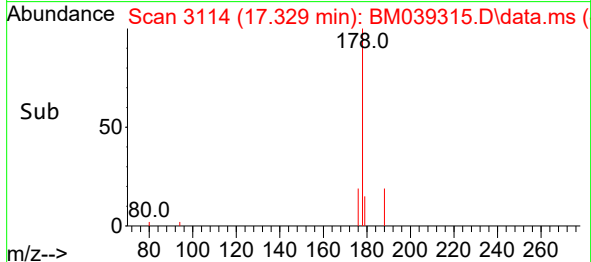
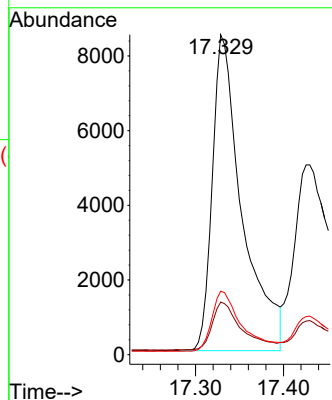
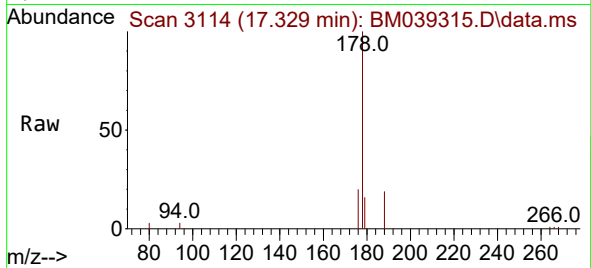
Tgt Ion:178 Resp: 19887

Ion Ratio Lower Upper

178 100

179 16.4 13.4 20.2

176 19.9 15.8 23.6



#16

Anthracene

Concen: 0.438 ng/ul

RT: 17.426 min Scan# 3137

Delta R.T. -0.000 min

Lab File: BM039315.D

Acq: 06 Apr 2023 13:33

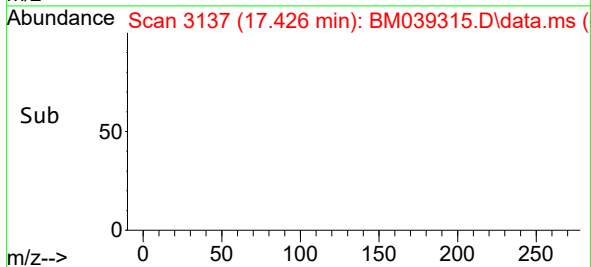
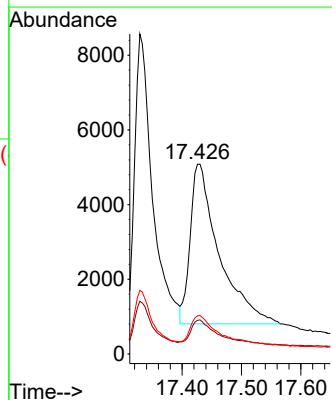
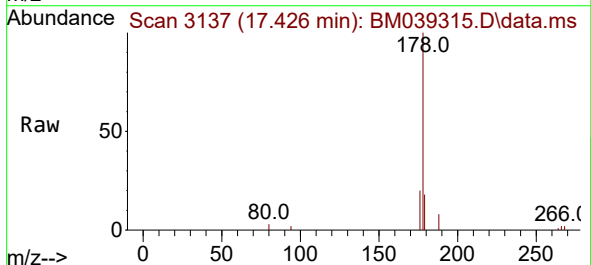
Tgt Ion:178 Resp: 14438

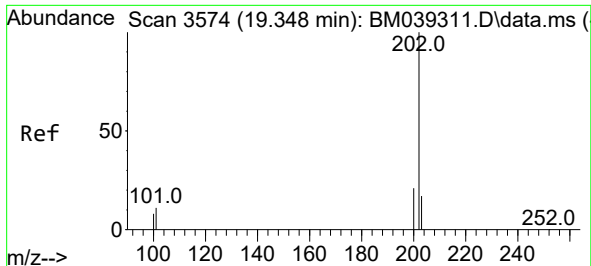
Ion Ratio Lower Upper

178 100

179 17.7 14.6 21.8

176 20.1 16.6 24.8

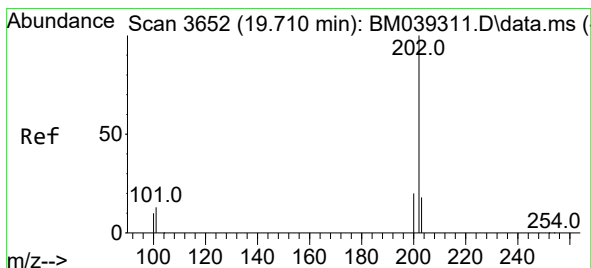
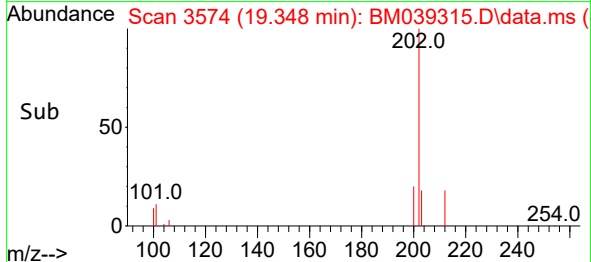
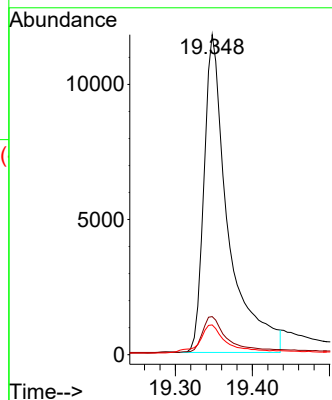
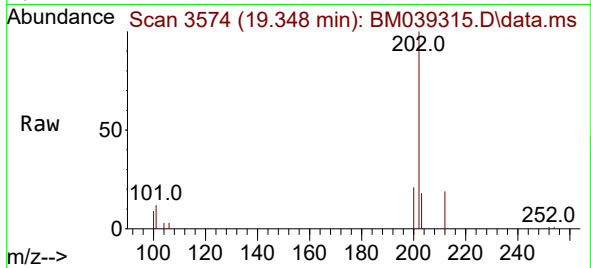




#19
Fluoranthene
Concen: 0.448 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. -0.000 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

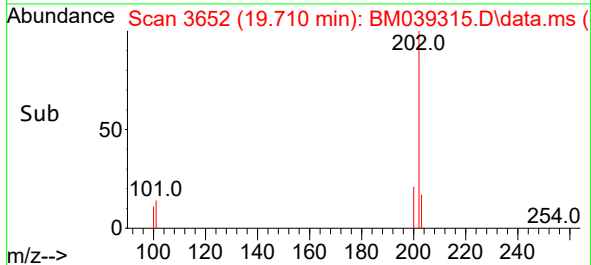
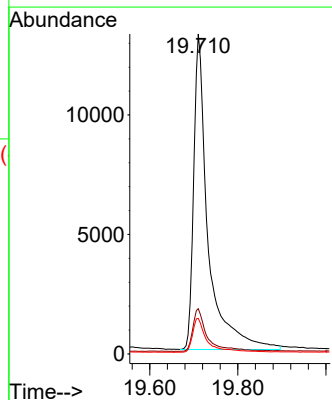
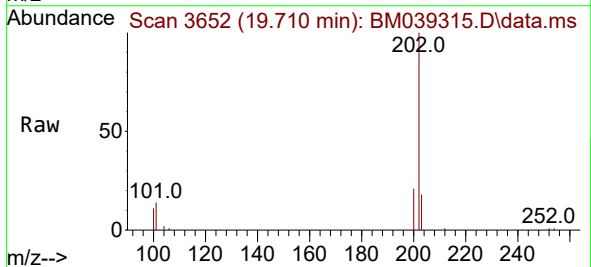
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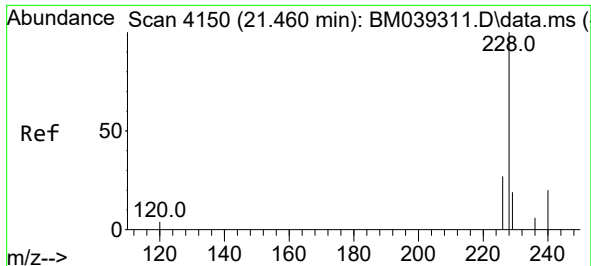
Tgt Ion:202 Resp: 25577
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 9.3 7.4 11.0



#20
Pyrene
Concen: 0.458 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.000 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

Tgt Ion:202 Resp: 29943
Ion Ratio Lower Upper
202 100
101 14.1 11.1 16.7
100 11.1 8.8 13.2

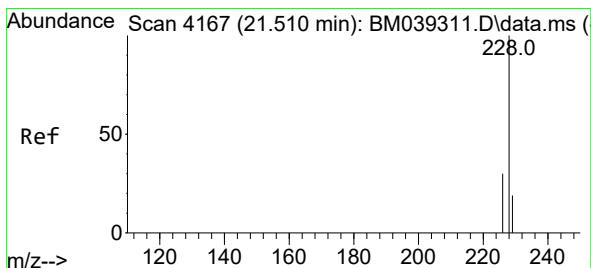
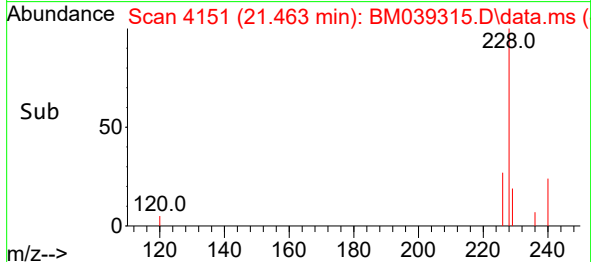
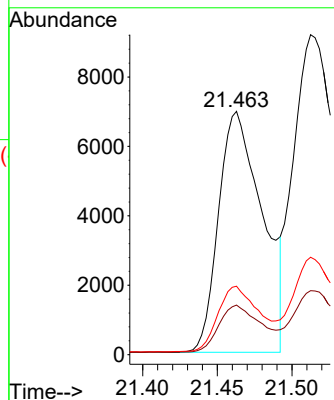
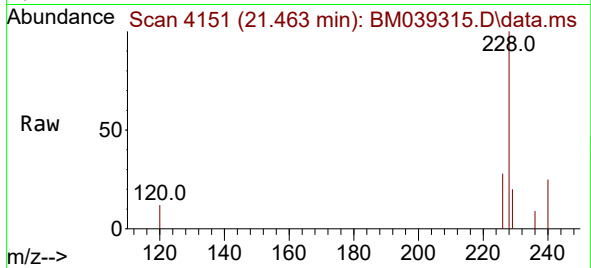




#21
Benzo(a)anthracene
Concen: 0.446 ng/ul
RT: 21.463 min Scan# 4150
Delta R.T. 0.003 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

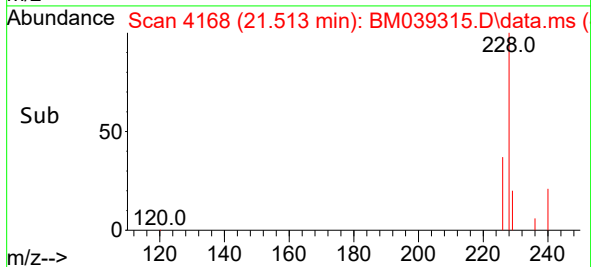
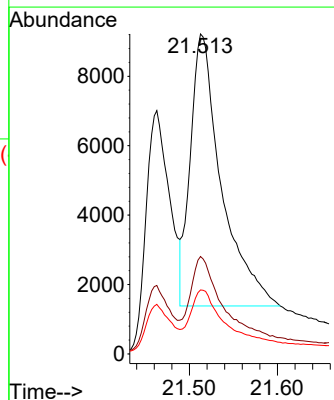
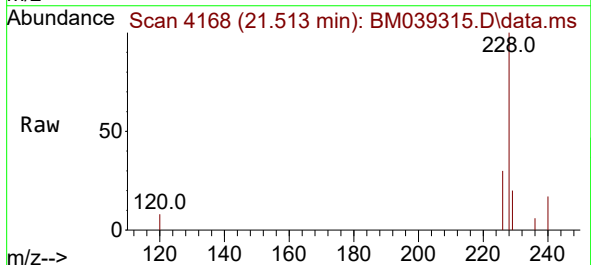
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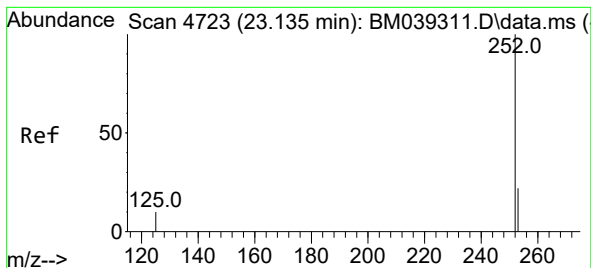
Tgt Ion:228 Resp: 14158
Ion Ratio Lower Upper
228 100
229 20.4 16.6 24.8
226 28.1 22.6 34.0



#22
Chrysene
Concen: 0.492 ng/ul
RT: 21.513 min Scan# 4168
Delta R.T. 0.003 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

Tgt Ion:228 Resp: 19183
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 20.0 16.2 24.4





#24

Benzo(b)fluoranthene

Concen: 0.454 ng/ul

RT: 23.140 min Scan# 4723

Delta R.T. 0.006 min

Lab File: BM039315.D

Acq: 06 Apr 2023 13:33

Instrument :

BNA_M

ClientSampleId :

SICV021

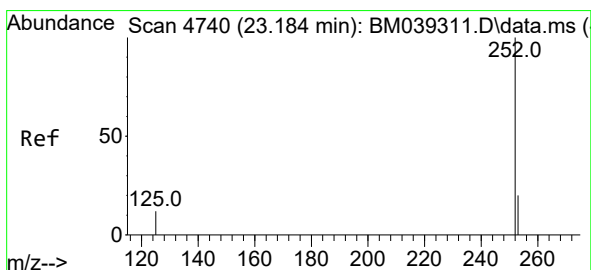
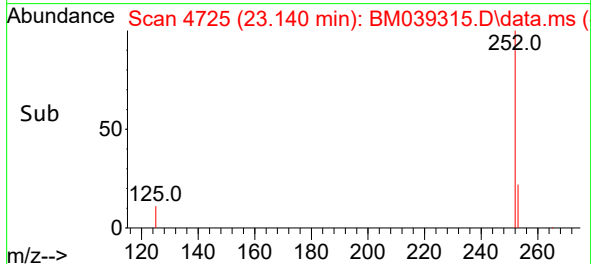
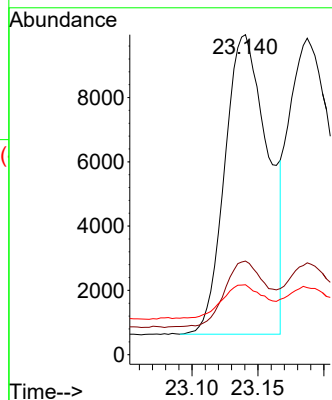
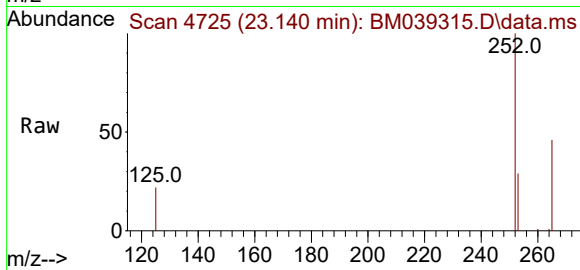
Tgt Ion:252 Resp: 21139

Ion Ratio Lower Upper

252 100

253 29.3 0.0 64.4

125 21.9 0.0 50.4



#25

Benzo(k)fluoranthene

Concen: 0.434 ng/ul

RT: 23.187 min Scan# 4741

Delta R.T. 0.003 min

Lab File: BM039315.D

Acq: 06 Apr 2023 13:33

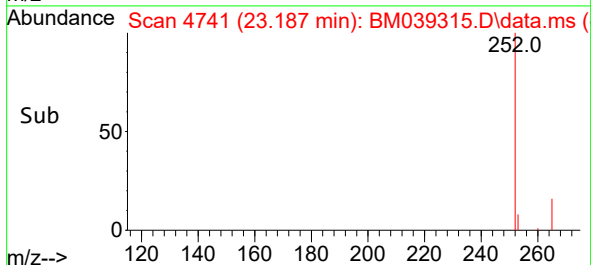
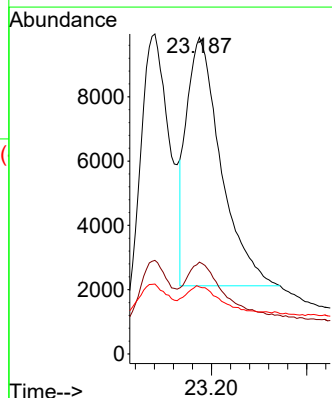
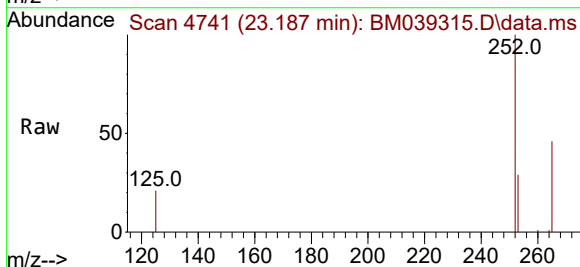
Tgt Ion:252 Resp: 19301

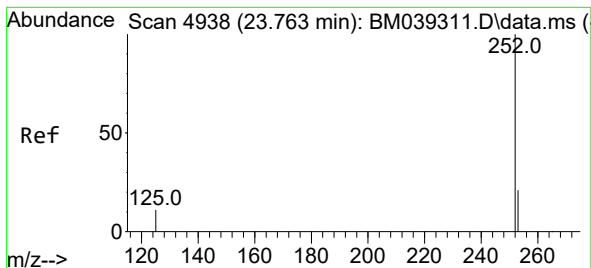
Ion Ratio Lower Upper

252 100

253 29.0 25.5 38.3

125 21.2 20.4 30.6





#26

Benzo(a)pyrene

Concen: 0.442 ng/ul

RT: 23.766 min Scan# 4938

Delta R.T. 0.003 min

Lab File: BM039315.D

Acq: 06 Apr 2023 13:33

Instrument :

BNA_M

ClientSampleId :

SICV021

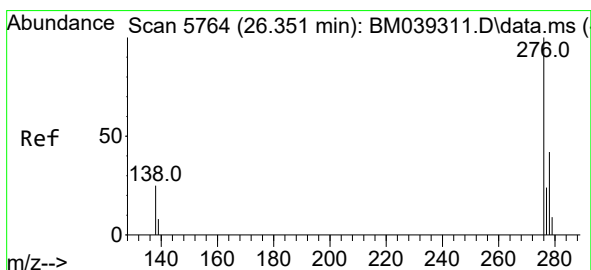
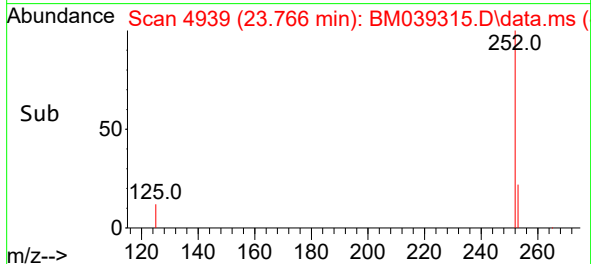
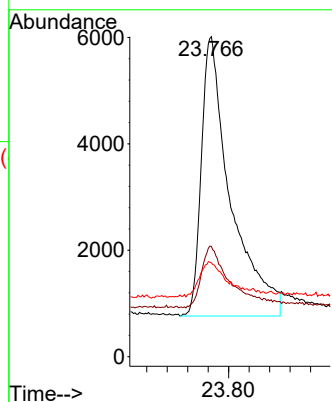
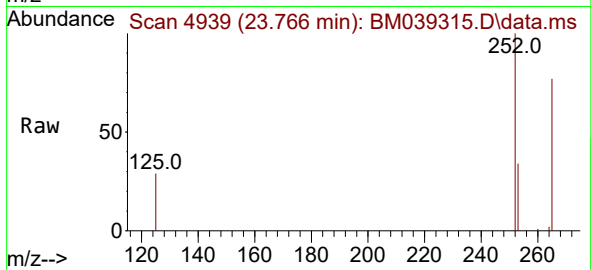
Tgt Ion:252 Resp: 20771

Ion Ratio Lower Upper

252 100

253 34.5 31.0 46.4

125 29.3 28.2 42.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.410 ng/ul

RT: 26.357 min Scan# 5766

Delta R.T. 0.007 min

Lab File: BM039315.D

Acq: 06 Apr 2023 13:33

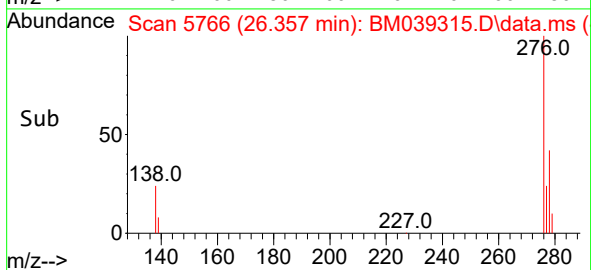
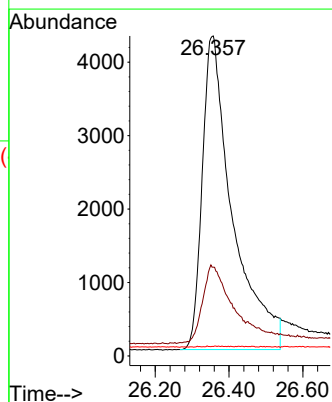
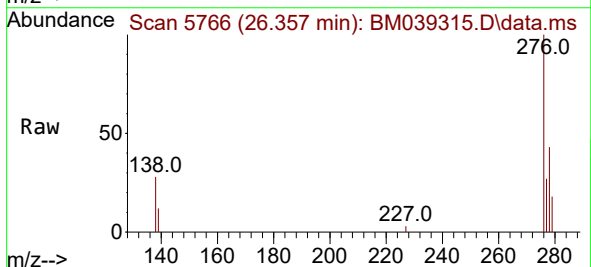
Tgt Ion:276 Resp: 24276

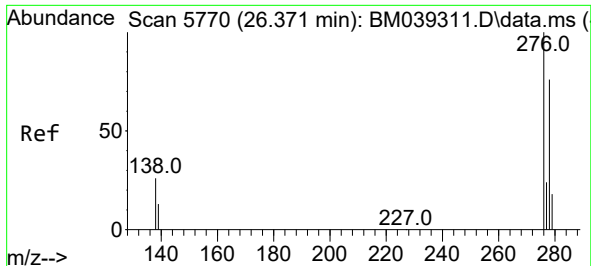
Ion Ratio Lower Upper

276 100

138 26.4 21.4 32.0

227 0.0 0.1 0.1#

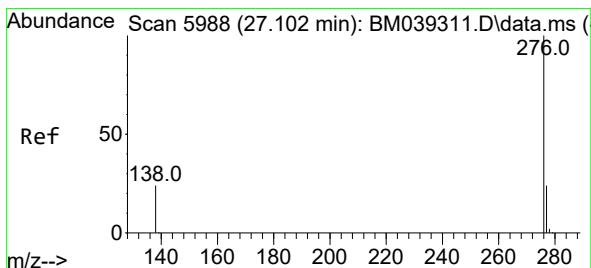
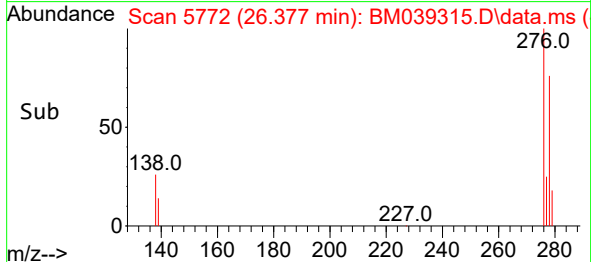
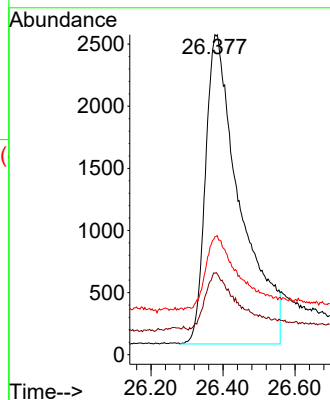
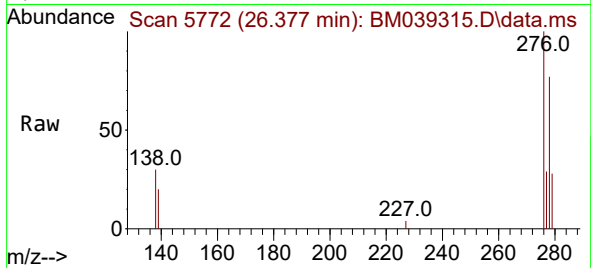




#28
Dibenzo(a,h)anthracene
Concen: 0.401 ng/ul
RT: 26.377 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:278 Resp: 16585
Ion Ratio Lower Upper
278 100
139 25.5 21.8 32.6
279 36.8 30.0 45.0



#29
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 27.109 min Scan# 5990
Delta R.T. 0.007 min
Lab File: BM039315.D
Acq: 06 Apr 2023 13:33

Tgt Ion:276 Resp: 23447
Ion Ratio Lower Upper
276 100
138 26.6 22.2 33.2
277 25.8 21.2 31.8

