

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039743.D
 Acq On : 28 Apr 2023 19:19
 Operator : CG/JU
 Sample : 02417-13
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X9

Quant Time: Apr 29 02:25:34 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

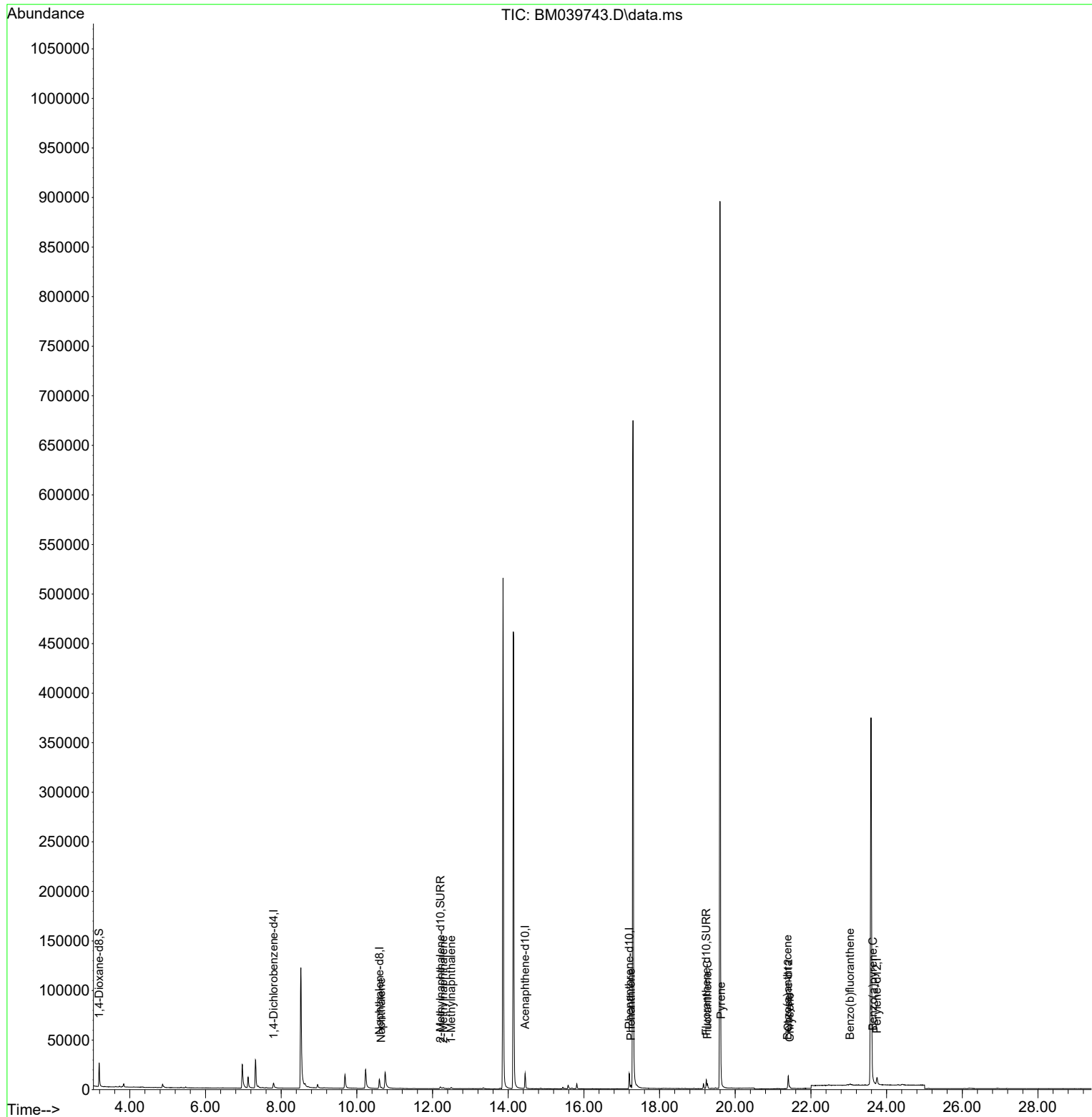
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	3803	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	14588	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	8770	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	19312	0.400	ng/ul	-0.02
17) Chrysene-d12	21.401	240	13365	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	11204	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	15069	2.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	3898	0.208	ng/ul	-0.01
18) Fluoranthene-d10	19.234	212	10165	0.283	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	1429	0.039	ng/ul#	81
7) 2-Methylnaphthalene	12.283	142	1141	0.054	ng/ul	97
8) 1-Methylnaphthalene	12.492	142	1034	0.046	ng/ul	98
15) Phenanthrene	17.242	178	3984	0.078	ng/ul	94
19) Fluoranthene	19.266	202	4140	0.087	ng/ul#	92
20) Pyrene	19.624	202	3593	0.070	ng/ul#	82
21) Benzo(a)anthracene	21.386	228	1915	0.050	ng/ul#	77
22) Chrysene	21.439	228	1744	0.040	ng/ul#	82
24) Benzo(b)fluoranthene	23.035	252	1920	0.049	ng/ul#	4
26) Benzo(a)pyrene	23.634	252	1011	0.029	ng/ul#	1

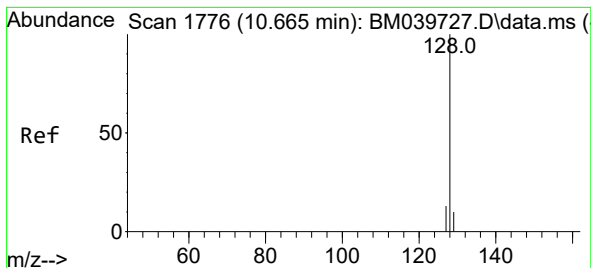
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.039 ng/ul

RT: 10.644 min Scan# 1

Delta R.T. -0.017 min

Lab File: BM039743.D

Acq: 28 Apr 2023 19:19

Instrument :

BNA_M

ClientSampleId :

EW8X9

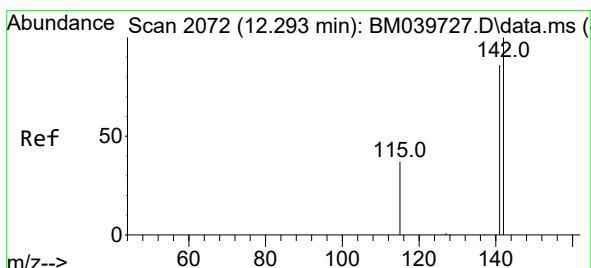
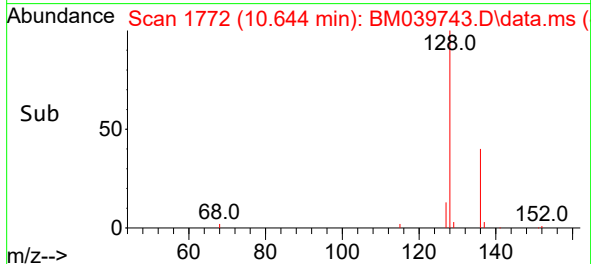
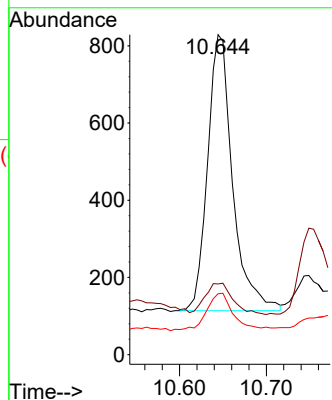
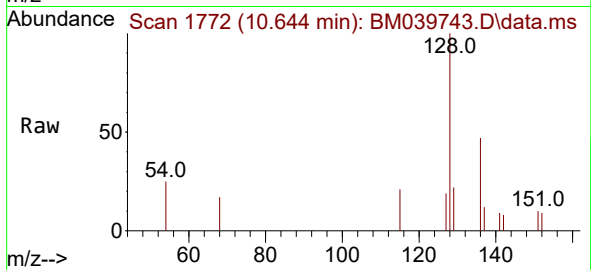
Tgt Ion:128 Resp: 1429

Ion Ratio Lower Upper

128 100

129 22.1 9.8 14.6#

127 19.1 11.1 16.7#



#7

2-Methylnaphthalene

Concen: 0.054 ng/ul

RT: 12.283 min Scan# 2070

Delta R.T. -0.006 min

Lab File: BM039743.D

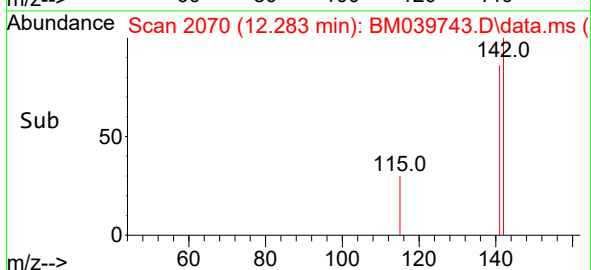
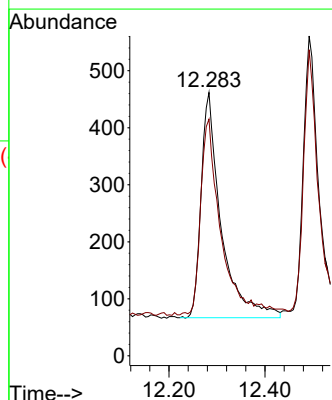
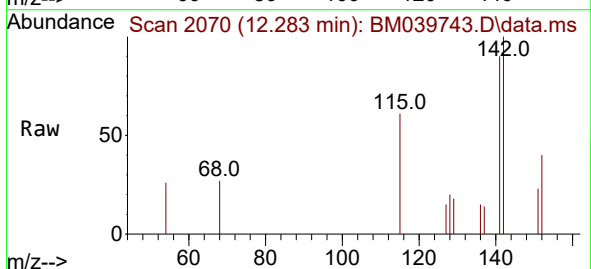
Acq: 28 Apr 2023 19:19

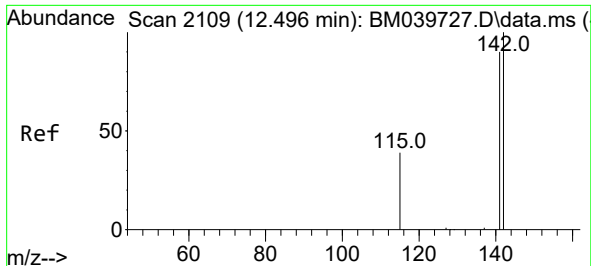
Tgt Ion:142 Resp: 1141

Ion Ratio Lower Upper

142 100

141 88.6 73.2 109.8

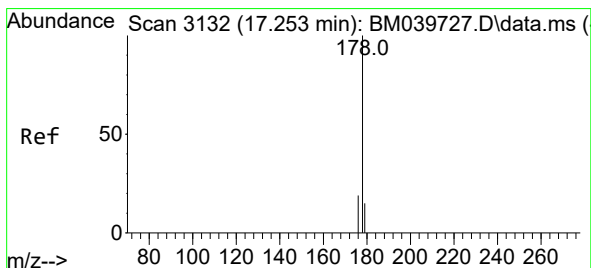
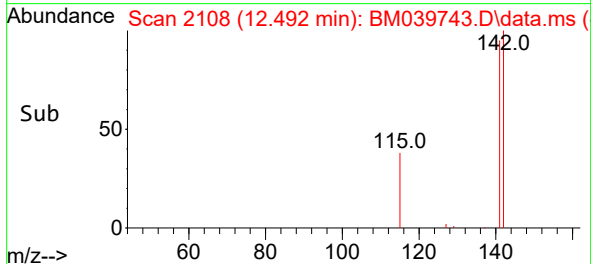
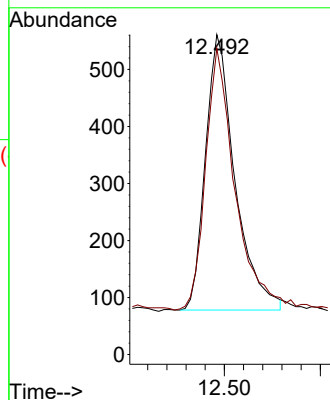
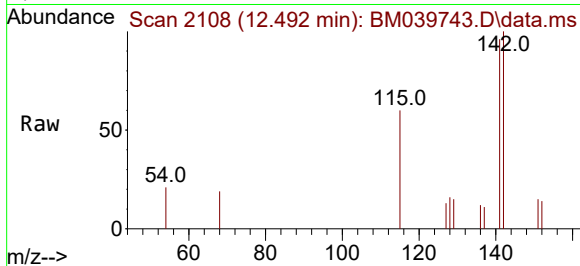




#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.492 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM039743.D
Acq: 28 Apr 2023 19:19

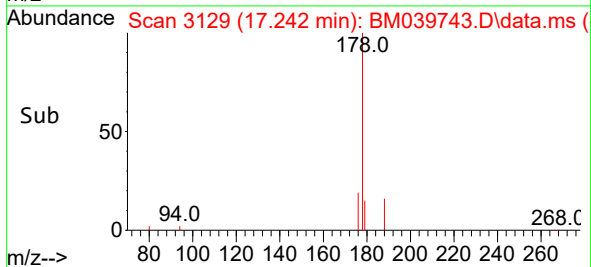
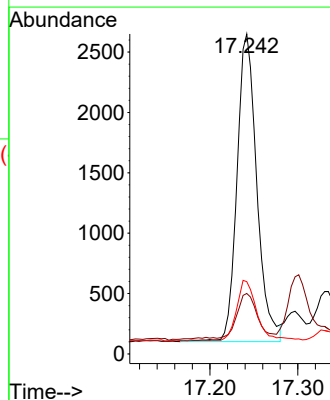
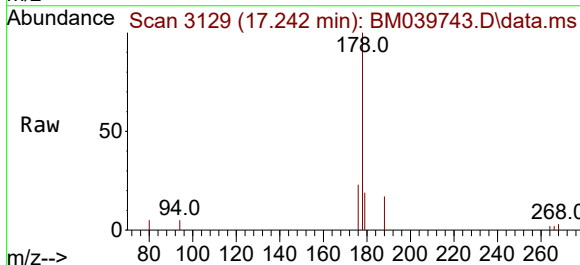
Instrument :
BNA_M
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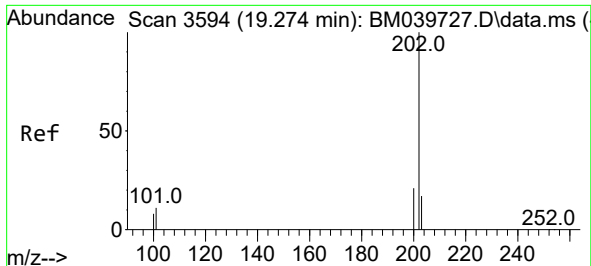
Tgt Ion:142 Resp: 1034
Ion Ratio Lower Upper
142 100
141 94.0 73.4 110.2



#15
Phenanthrene
Concen: 0.078 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.013 min
Lab File: BM039743.D
Acq: 28 Apr 2023 19:19

Tgt Ion:178 Resp: 3984
Ion Ratio Lower Upper
178 100
179 18.9 13.0 19.6
176 22.6 15.8 23.8

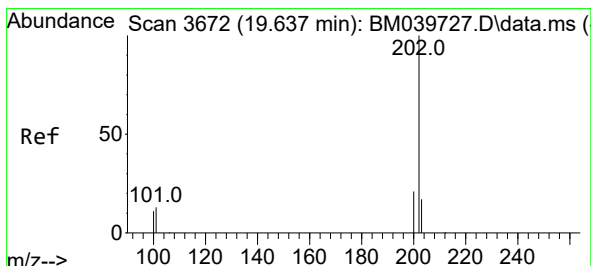
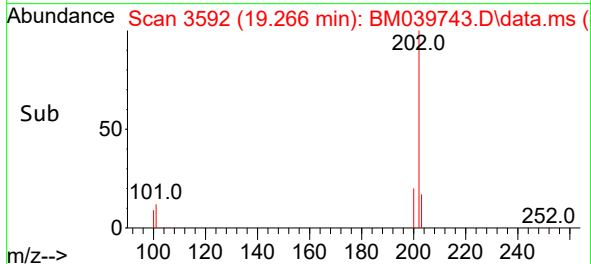
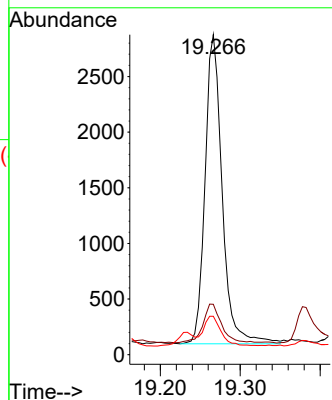
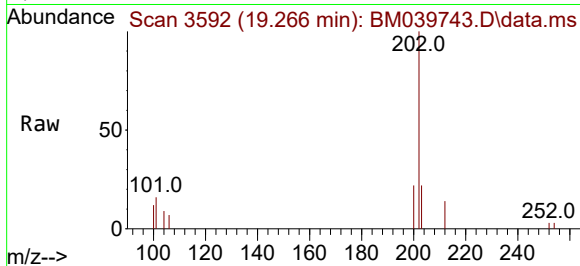




#19
Fluoranthene
Concen: 0.087 ng/ul
RT: 19.266 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM039743.D
Acq: 28 Apr 2023 19:19

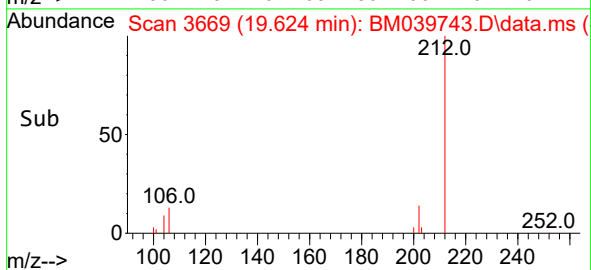
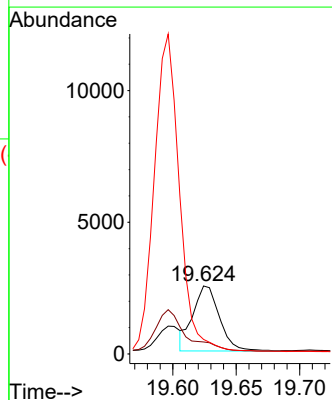
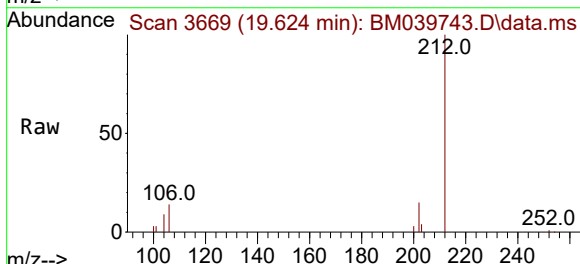
Instrument :
BNA_M
ClientSampleId :
EW8X9

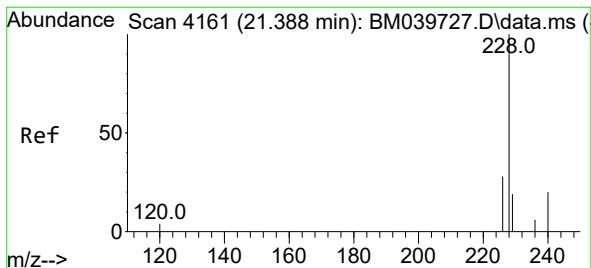
Tgt Ion:202 Resp: 4140
Ion Ratio Lower Upper
202 100
101 15.8 9.8 14.8#
100 12.0 7.3 10.9#



#20
Pyrene
Concen: 0.070 ng/ul
RT: 19.624 min Scan# 3669
Delta R.T. -0.019 min
Lab File: BM039743.D
Acq: 28 Apr 2023 19:19

Tgt Ion:202 Resp: 3593
Ion Ratio Lower Upper
202 100
101 17.6 10.9 16.3#
100 21.4 8.9 13.3#





#21

Benzo(a)anthracene

Concen: 0.050 ng/ul

RT: 21.386 min Scan# 41

Delta R.T. -0.010 min

Lab File: BM039743.D

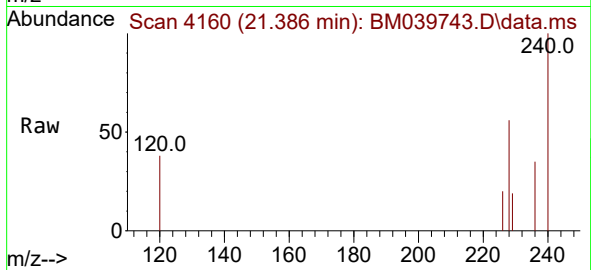
Acq: 28 Apr 2023 19:19

Instrument :

BNA_M

ClientSampleId :

EW8X9



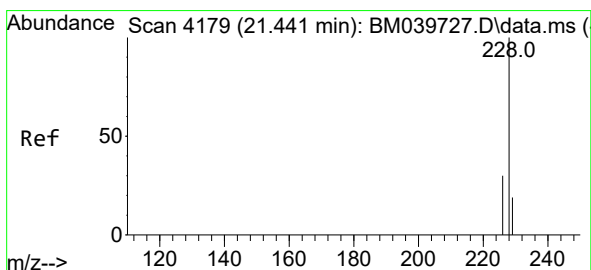
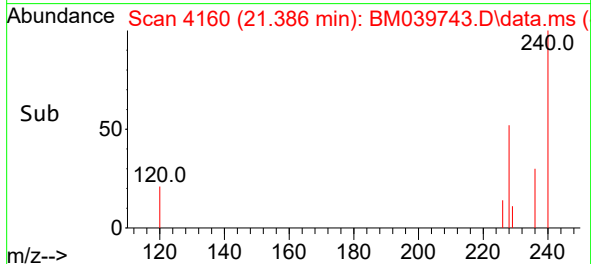
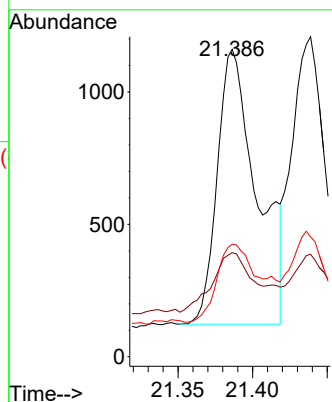
Tgt Ion:228 Resp: 1915

Ion Ratio Lower Upper

228 100

229 33.9 16.2 24.2#

226 36.6 21.6 32.4#



#22

Chrysene

Concen: 0.040 ng/ul

RT: 21.439 min Scan# 4178

Delta R.T. -0.007 min

Lab File: BM039743.D

Acq: 28 Apr 2023 19:19

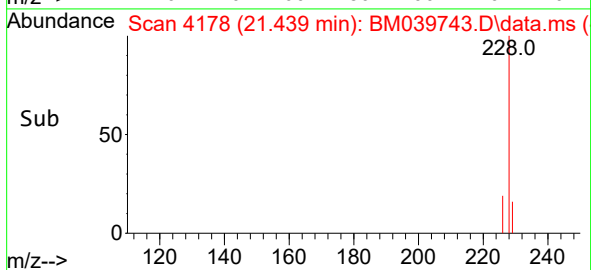
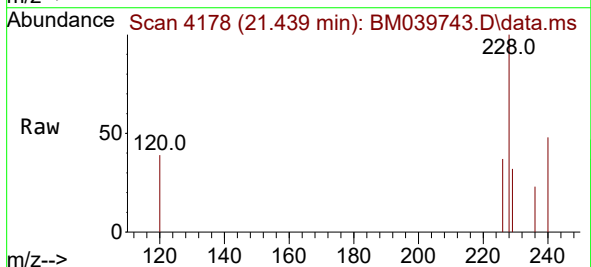
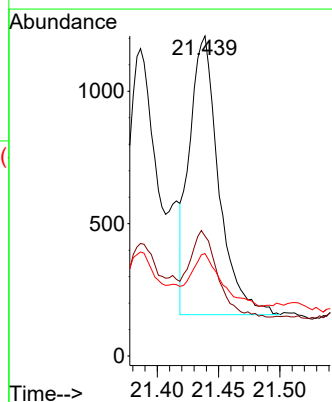
Tgt Ion:228 Resp: 1744

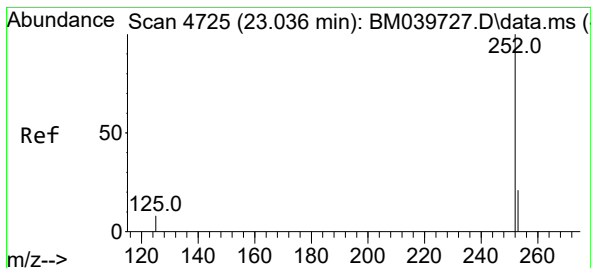
Ion Ratio Lower Upper

228 100

226 37.5 24.3 36.5#

229 32.0 15.9 23.9#





#24

Benzo(b)fluoranthene

Concen: 0.049 ng/ul

RT: 23.035 min Scan# 41

Delta R.T. -0.010 min

Lab File: BM039743.D

Acq: 28 Apr 2023 19:19

Instrument :

BNA_M

ClientSampleId :

EW8X9

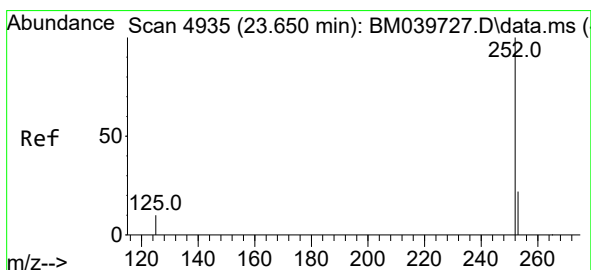
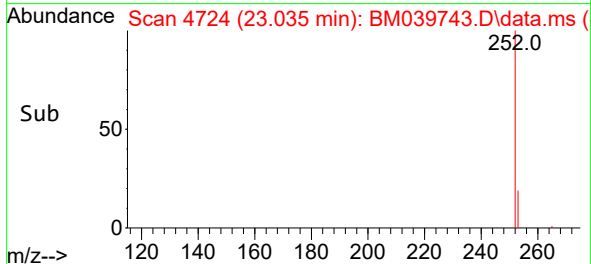
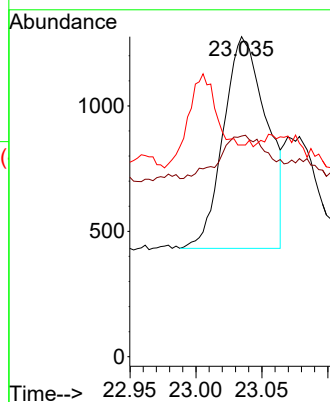
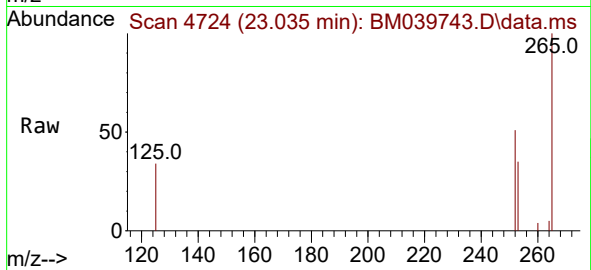
Tgt Ion:252 Resp: 1920

Ion Ratio Lower Upper

252 100

253 69.0 0.0 52.8#

125 66.1 0.0 31.6#



#26

Benzo(a)pyrene

Concen: 0.029 ng/ul

RT: 23.634 min Scan# 4929

Delta R.T. -0.031 min

Lab File: BM039743.D

Acq: 28 Apr 2023 19:19

Tgt Ion:252 Resp: 1011

Ion Ratio Lower Upper

252 100

253 81.5 24.7 37.1#

125 78.9 16.5 24.7#

