

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038974.D
 Acq On : 10 Mar 2023 10:42
 Operator : CG/JU
 Sample : 01784-21
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAF6

Quant Time: Mar 10 23:14:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

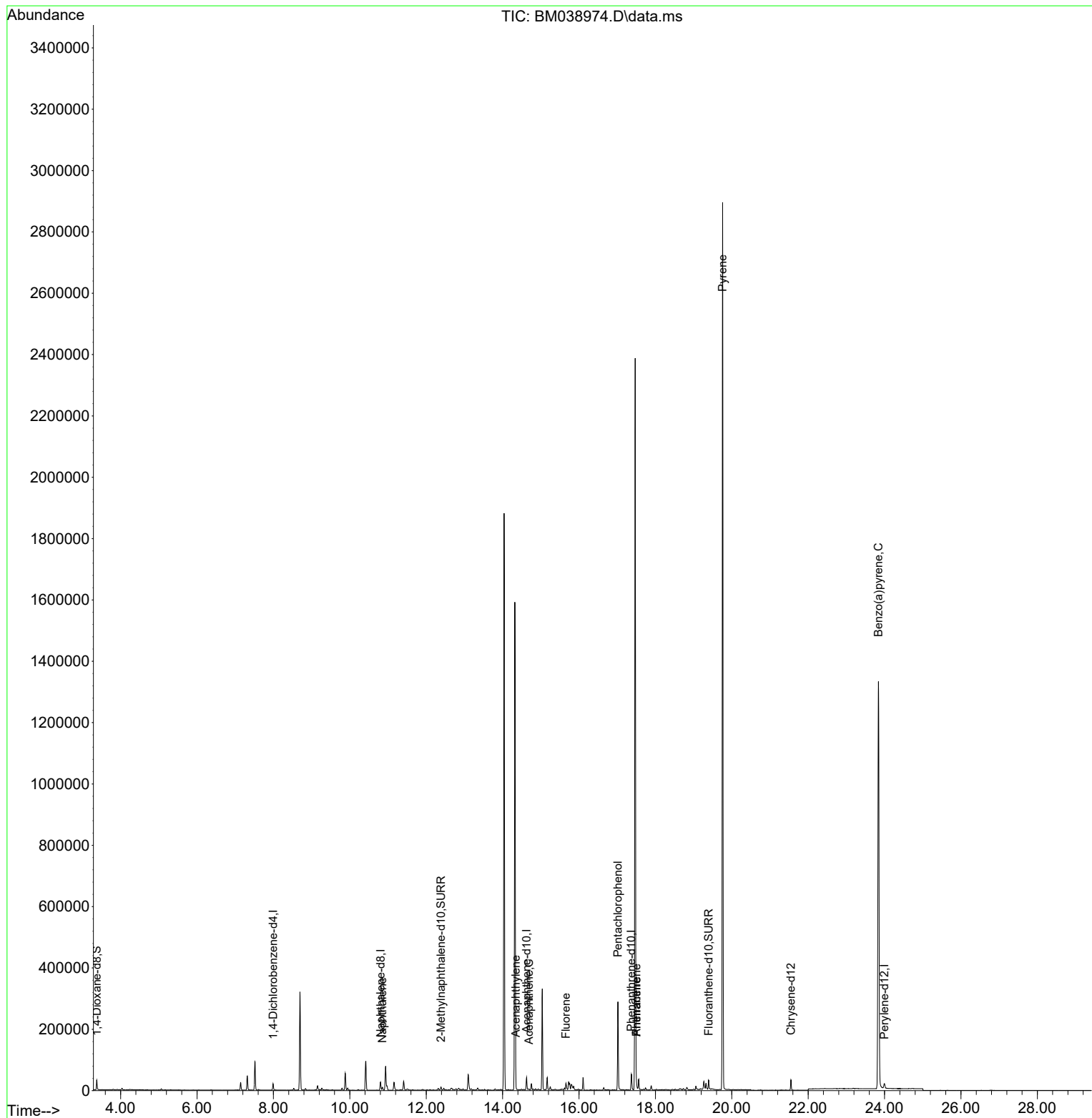
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	9957	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	35360	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.627	164	21886	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.369	188	43572	0.400	ng/ul	0.00
17) Chrysene-d12	21.548	240	29770	0.400	ng/ul	0.00
23) Perylene-d12	23.995	264	22997	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	20147	1.788	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.388	152	12880	0.301	ng/ul	0.00
18) Fluoranthene-d10	19.392	212	32732	0.462	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	12237	0.145	ng/ul#	94
10) Acenaphthylene	14.349	152	3559	0.045	ng/ul#	86
11) Acenaphthene	14.687	153	1453	0.022	ng/ul#	93
12) Fluorene	15.658	166	13057	0.177	ng/ul#	1
14) Pentachlorophenol	17.018	266	173509	16.549	ng/ul	99
15) Phenanthrene	17.504	178	19338	0.168	ng/ul	96
16) Anthracene	17.504	178	19338	0.204	ng/ul	96
20) Pyrene	19.759	202	6221	0.060	ng/ul#	1
26) Benzo(a)pyrene	23.840	252	7393	0.103	ng/ul#	57

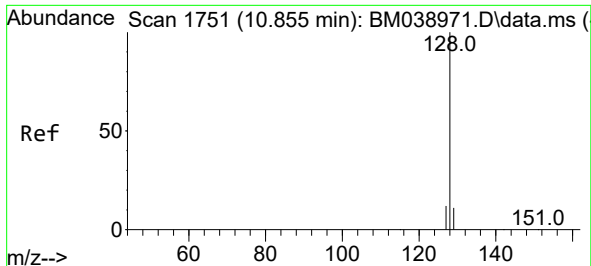
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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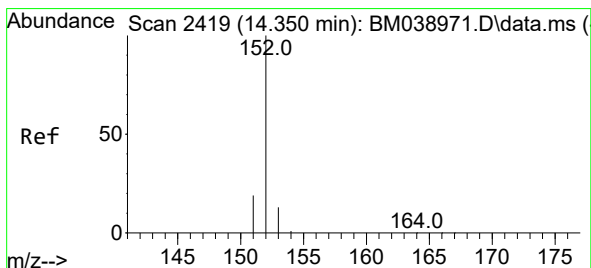
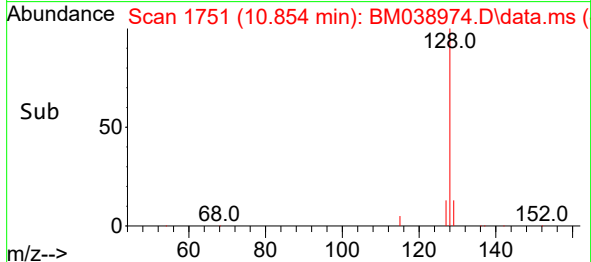
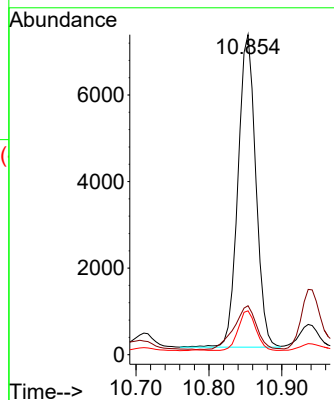
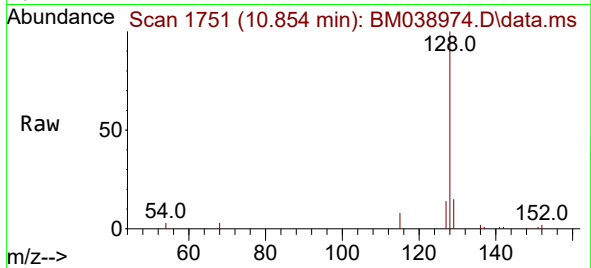




#5
Naphthalene
Concen: 0.145 ng/ul
RT: 10.854 min Scan# 1751
Delta R.T. -0.001 min
Lab File: BM038974.D
Acq: 10 Mar 2023 10:42

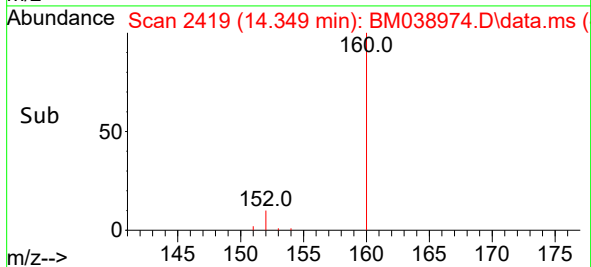
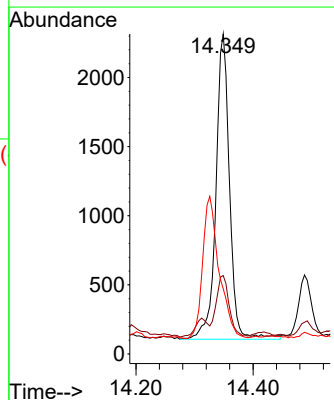
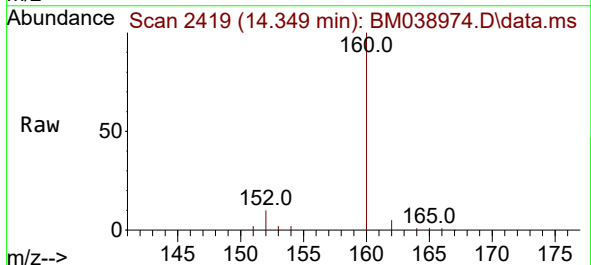
Instrument :
BNA_M
ClientSampleId :
DCAF6

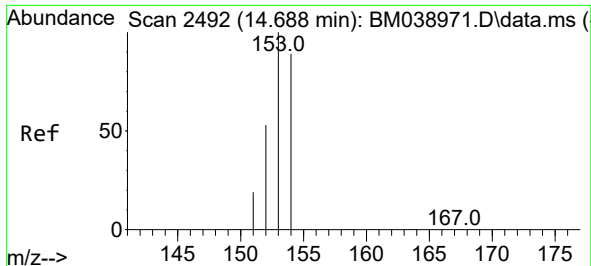
Tgt Ion:128 Resp: 12237
Ion Ratio Lower Upper
128 100
129 15.3 9.1 13.7#
127 13.7 10.3 15.5



#10
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.349 min Scan# 2419
Delta R.T. -0.001 min
Lab File: BM038974.D
Acq: 10 Mar 2023 10:42

Tgt Ion:152 Resp: 3559
Ion Ratio Lower Upper
152 100
151 24.5 15.6 23.4#
153 20.3 10.6 15.8#

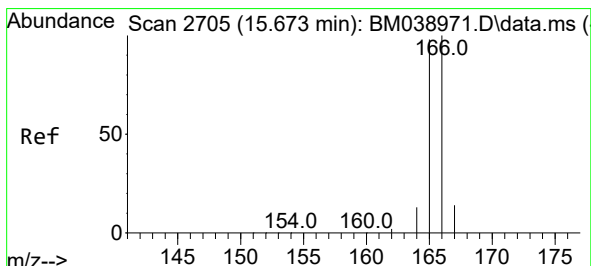
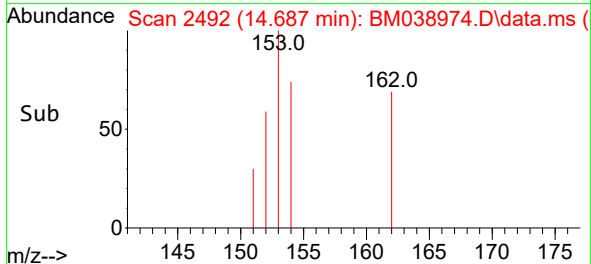
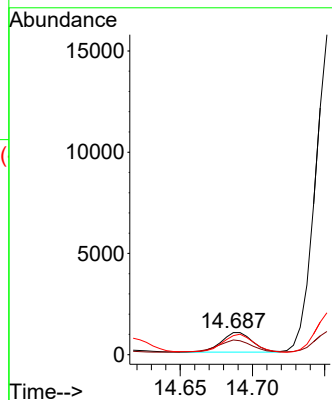
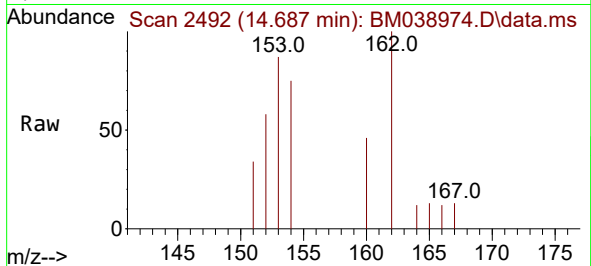




#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.687 min Scan# 2492
Delta R.T. -0.006 min
Lab File: BM038974.D
Acq: 10 Mar 2023 10:42

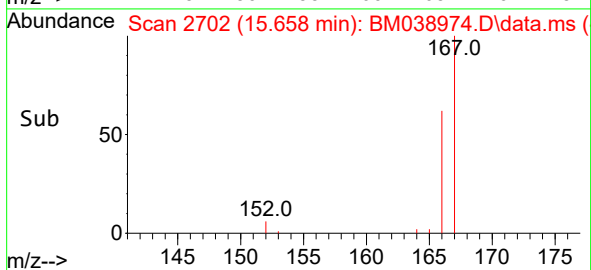
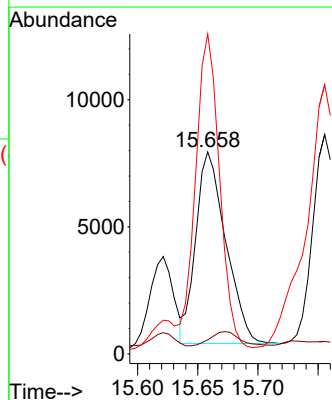
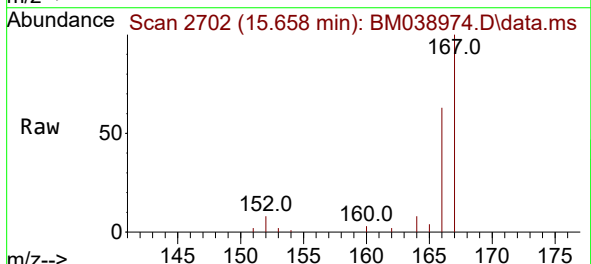
Instrument :
BNA_M
ClientSampleId :
DCAF6

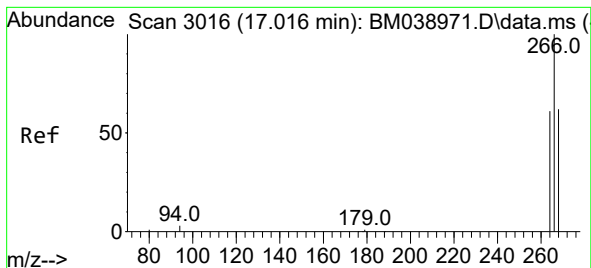
Tgt Ion:153 Resp: 1453
Ion Ratio Lower Upper
153 100
152 66.3 44.2 66.2#
154 86.2 70.6 105.8



#12
Fluorene
Concen: 0.177 ng/ul
RT: 15.658 min Scan# 2702
Delta R.T. -0.020 min
Lab File: BM038974.D
Acq: 10 Mar 2023 10:42

Tgt Ion:166 Resp: 13057
Ion Ratio Lower Upper
166 100
165 7.0 77.8 116.6#
167 158.3 11.4 17.2#





#14

Pentachlorophenol

Concen: 16.549 ng/ul

RT: 17.018 min Scan# 3016

Delta R.T. -0.001 min

Lab File: BM038974.D

Acq: 10 Mar 2023 10:42

Instrument :

BNA_M

ClientSampleId :

DCAF6

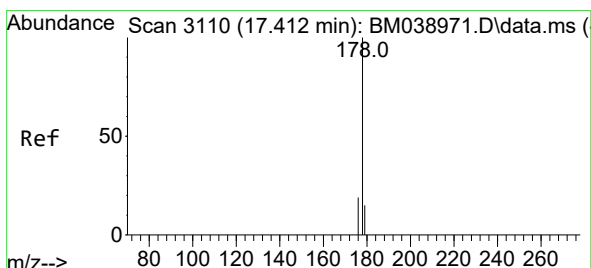
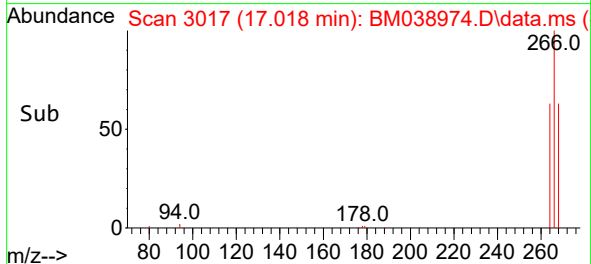
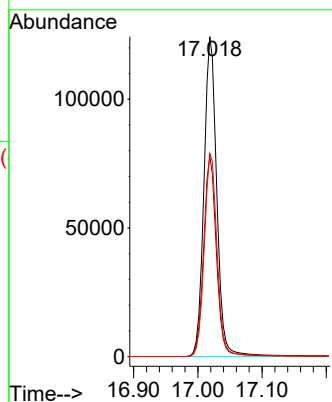
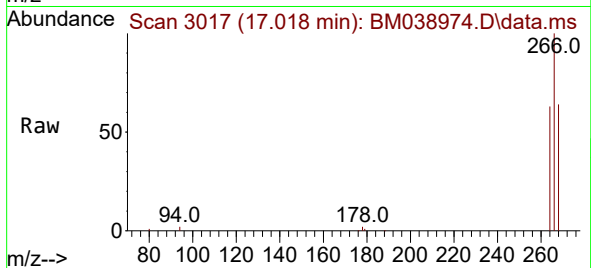
Tgt Ion:266 Resp: 173509

Ion Ratio Lower Upper

266 100

264 62.6 50.2 75.2

268 63.9 50.2 75.4



#15

Phenanthrene

Concen: 0.168 ng/ul

RT: 17.504 min Scan# 3132

Delta R.T. 0.087 min

Lab File: BM038974.D

Acq: 10 Mar 2023 10:42

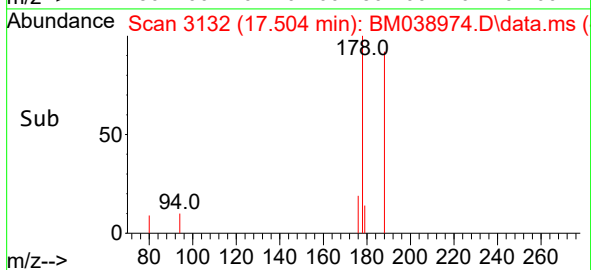
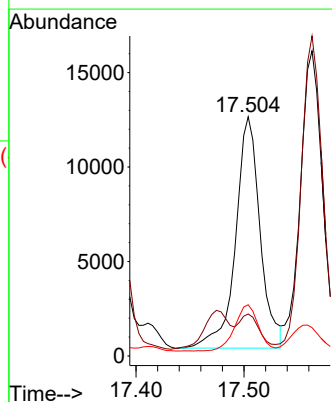
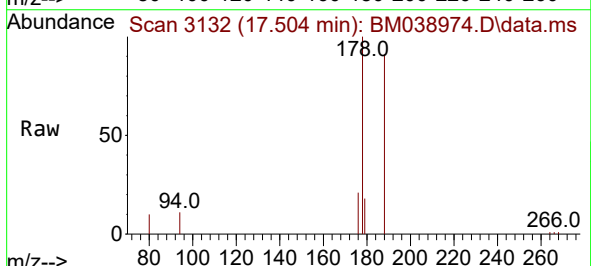
Tgt Ion:178 Resp: 19338

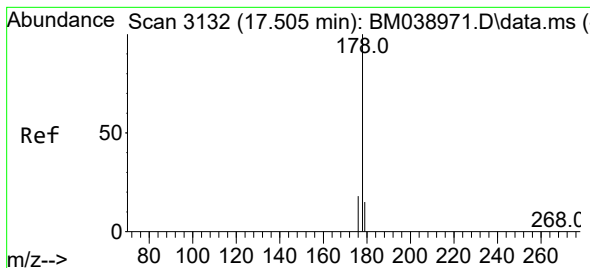
Ion Ratio Lower Upper

178 100

179 17.6 12.7 19.1

176 21.4 15.9 23.9





#16

Anthracene

Concen: 0.204 ng/ul

RT: 17.504 min Scan# 3132

Delta R.T. -0.001 min

Lab File: BM038974.D

Acq: 10 Mar 2023 10:42

Instrument :

BNA_M

ClientSampleId :

DCAF6

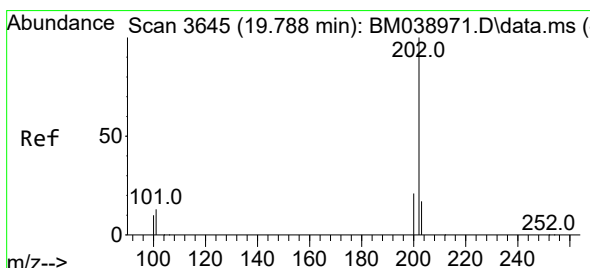
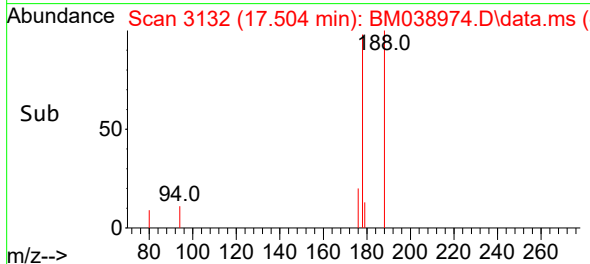
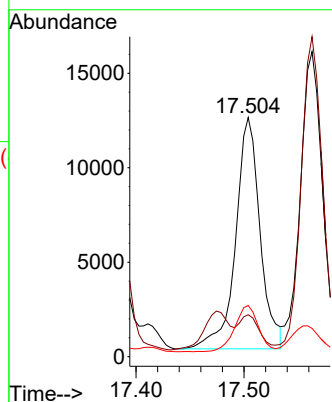
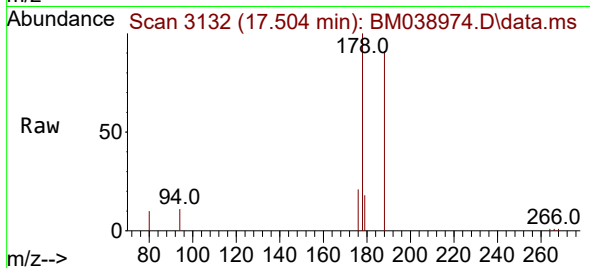
Tgt Ion:178 Resp: 19338

Ion Ratio Lower Upper

178 100

179 17.6 13.0 19.6

176 21.4 15.4 23.2



#20

Pyrene

Concen: 0.060 ng/ul

RT: 19.759 min Scan# 3639

Delta R.T. -0.029 min

Lab File: BM038974.D

Acq: 10 Mar 2023 10:42

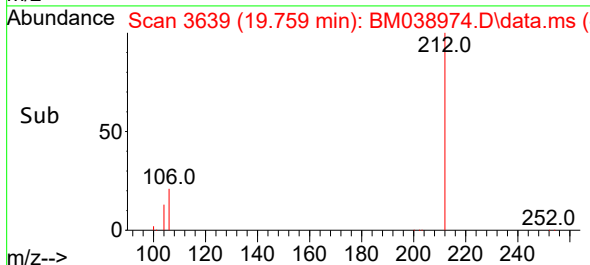
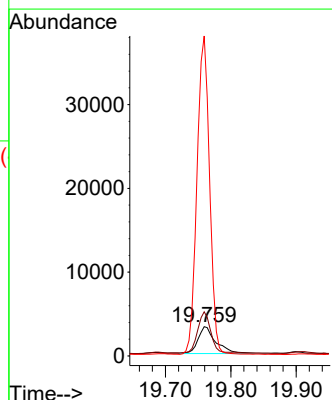
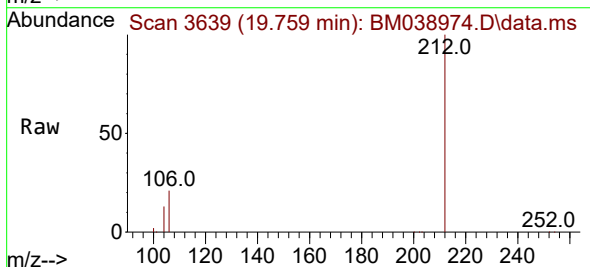
Tgt Ion:202 Resp: 6221

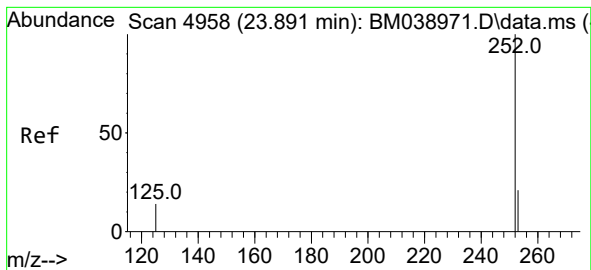
Ion Ratio Lower Upper

202 100

101 151.1 11.2 16.8#

100 1094.0 9.0 13.6#





#26

Benzo(a)pyrene

Concen: 0.103 ng/ul

RT: 23.840 min Scan# 49

Delta R.T. -0.048 min

Lab File: BM038974.D

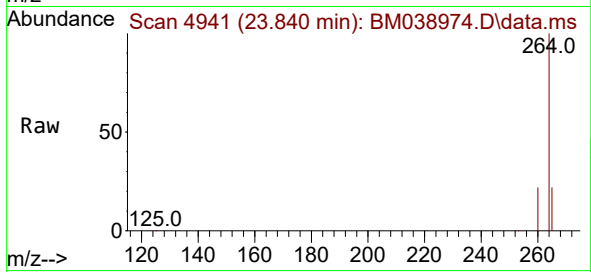
Acq: 10 Mar 2023 10:42

Instrument :

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Tgt Ion:252 Resp: 7393

Ion Ratio Lower Upper

252 100

253 42.3 20.3 30.5#

125 42.1 14.0 21.0#

