

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041539.D
 Acq On : 29 Aug 2023 01:48
 Operator : MA/JU
 Sample : 04134-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCHK6

Quant Time: Aug 29 02:50:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

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

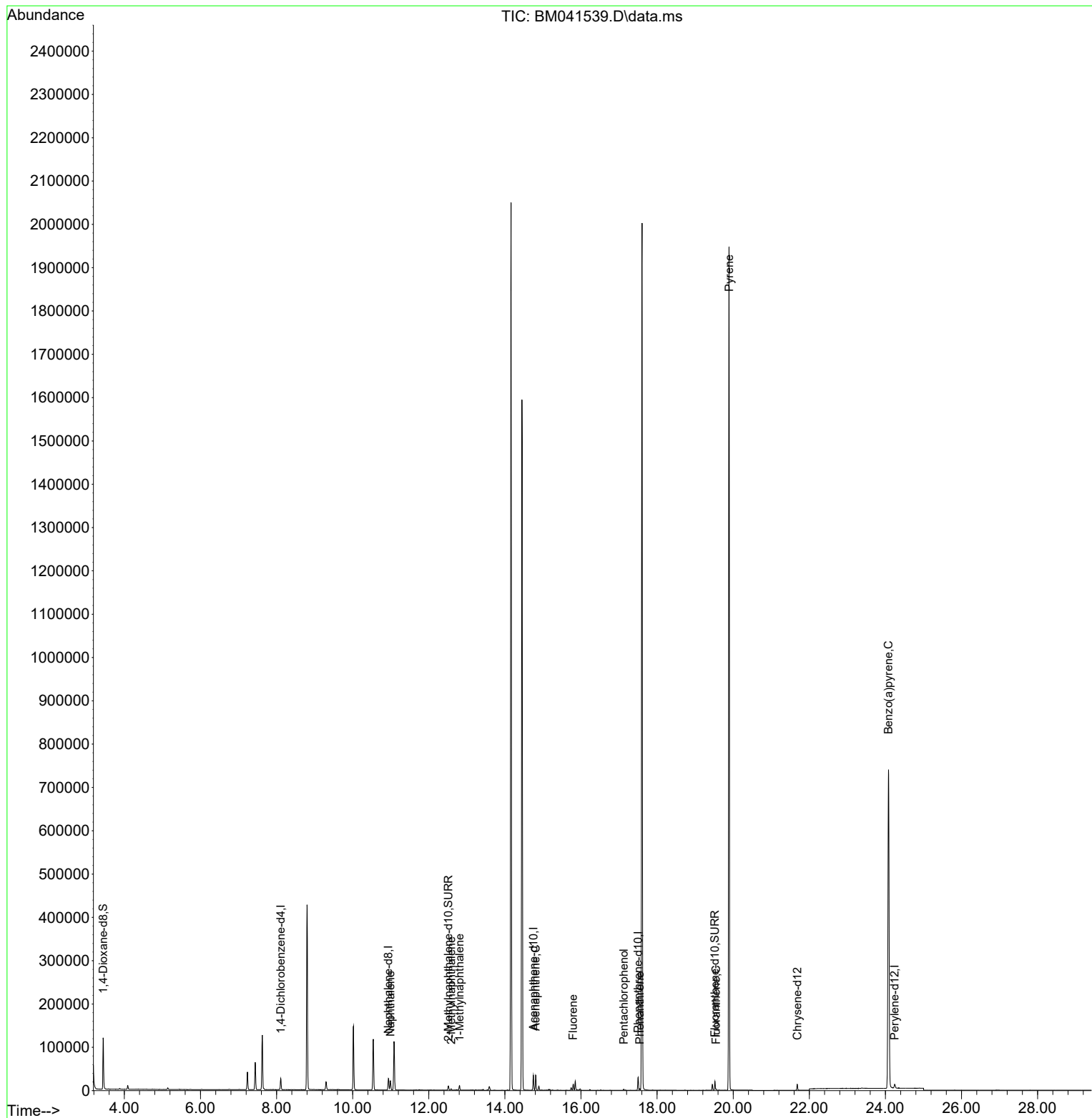
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	12500	0.400	ng/ul	0.00
4) Naphthalene-d8	10.939	136	35175	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	17256	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	31505	0.400	ng/ul	0.00
17) Chrysene-d12	21.682	240	10853	0.400	ng/ul	-0.01
23) Perylene-d12	24.243	264	12918	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.444	96	70613	4.543	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	11725	0.252	ng/ul	0.00
18) Fluoranthene-d10	19.520	212	17335	0.390	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.994	128	28596	0.254	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	1999	0.029	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	6897	0.100	ng/ul	99
11) Acenaphthene	14.810	153	19581	0.245	ng/ul	99
12) Fluorene	15.795	166	8454	0.098	ng/ul#	98
14) Pentachlorophenol	17.122	266	1681	0.130	ng/ul	100
15) Phenanthrene	17.544	178	3833	0.030	ng/ul#	94
19) Fluoranthene	19.552	202	2172	0.022	ng/ul#	85
20) Pyrene	19.892	202	5212	0.051	ng/ul#	1
26) Benzo(a)pyrene	24.079	252	7087	0.095	ng/ul#	59

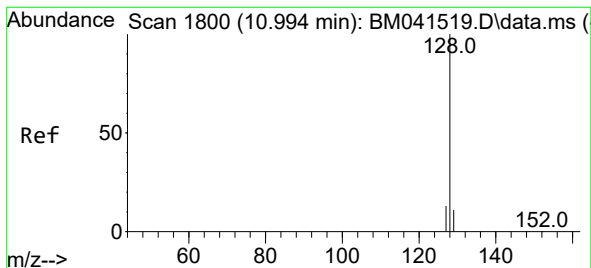
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.254 ng/ul

RT: 10.994 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BM041539.D

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Instrument :

BNA_M

ClientSampleId :

DCHK6

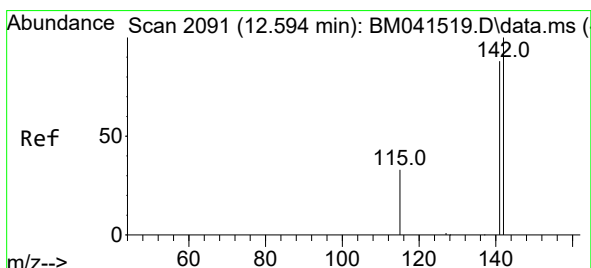
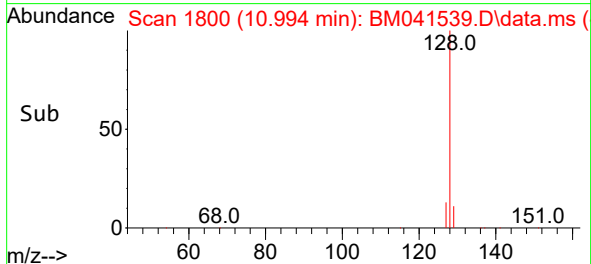
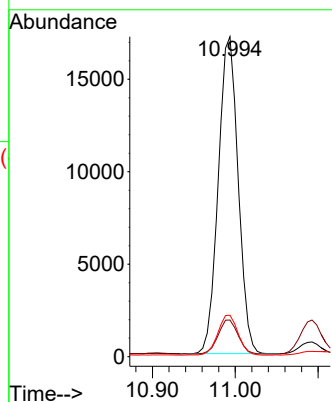
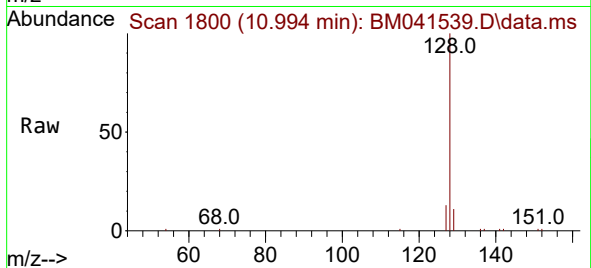
Tgt Ion:128 Resp: 28596

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

127 12.9 10.6 15.8



#7

2-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.588 min Scan# 2090

Delta R.T. -0.005 min

Lab File: BM041539.D

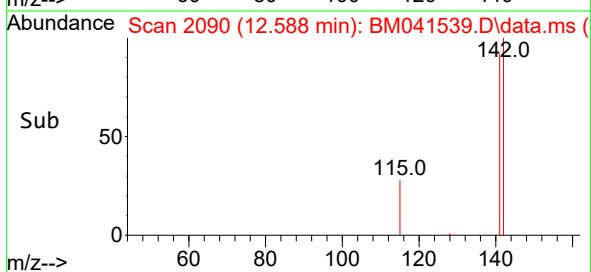
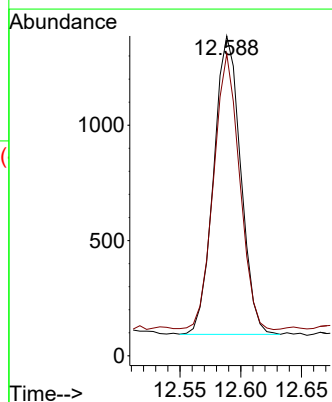
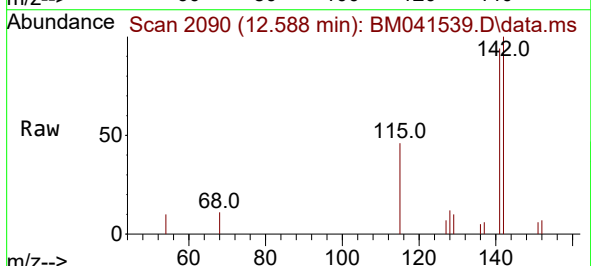
Acq: 29 Aug 2023 01:48

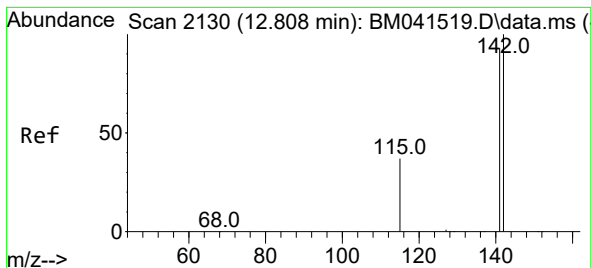
Tgt Ion:142 Resp: 1999

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6





#8

1-Methylnaphthalene

Concen: 0.100 ng/ul

RT: 12.808 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BM041539.D

Acq: 29 Aug 2023 01:48

Instrument :

BNA_M

ClientSampleId :

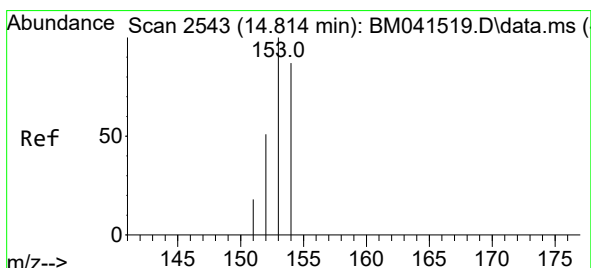
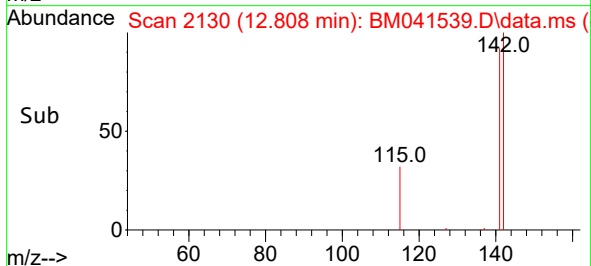
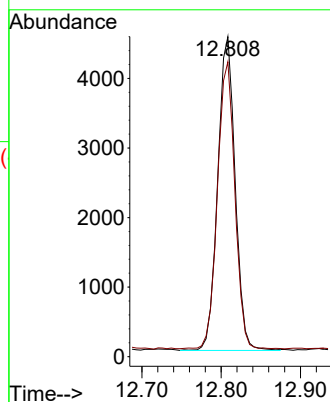
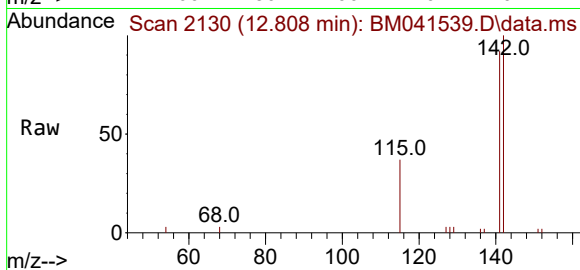
DCHK6

Tgt Ion:142 Resp: 6897

Ion Ratio Lower Upper

142 100

141 91.3 73.9 110.9



#11

Acenaphthene

Concen: 0.245 ng/ul

RT: 14.810 min Scan# 2542

Delta R.T. -0.005 min

Lab File: BM041539.D

Acq: 29 Aug 2023 01:48

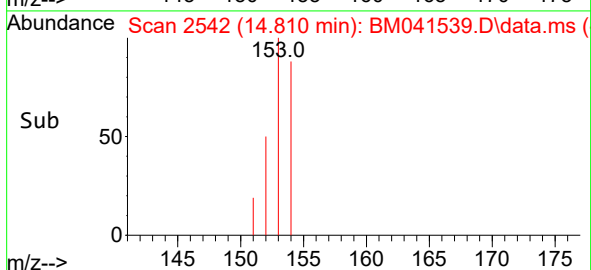
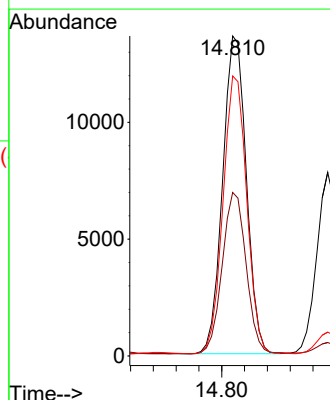
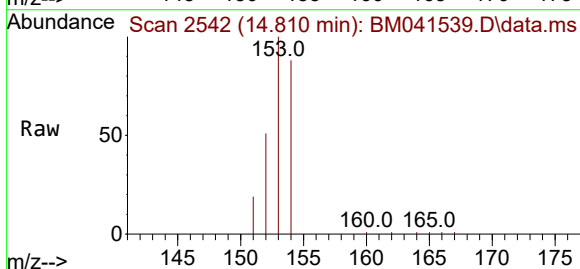
Tgt Ion:153 Resp: 19581

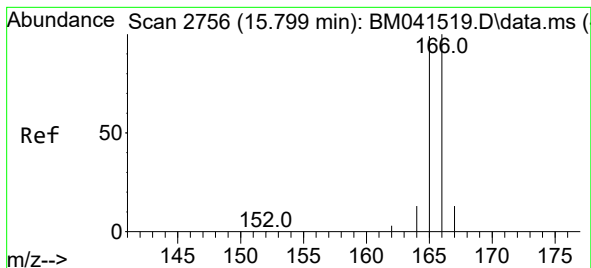
Ion Ratio Lower Upper

153 100

152 51.1 41.1 61.7

154 87.5 69.4 104.0





#12

Fluorene

Concen: 0.098 ng/ul

RT: 15.795 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM041539.D

Acq: 29 Aug 2023 01:48

Instrument :

BNA_M

ClientSampleId :

DCHK6

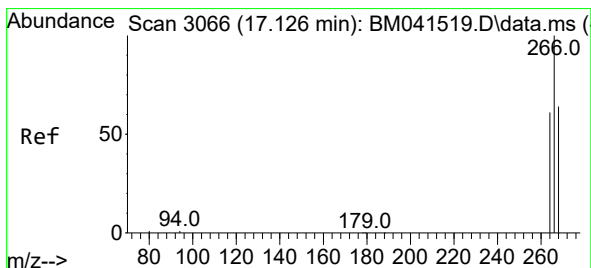
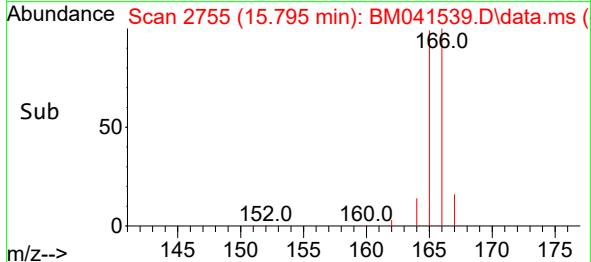
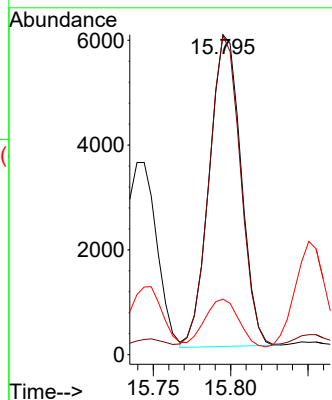
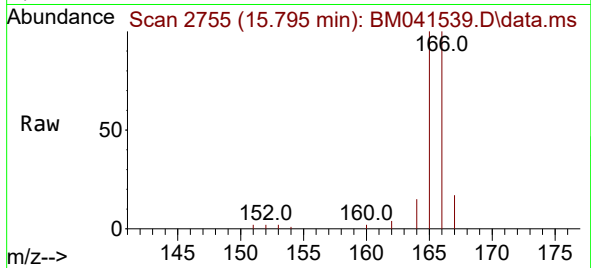
Tgt Ion:166 Resp: 8454

Ion Ratio Lower Upper

166 100

165 99.7 79.2 118.8

167 17.4 10.8 16.2#



#14

Pentachlorophenol

Concen: 0.130 ng/ul

RT: 17.122 min Scan# 3065

Delta R.T. -0.004 min

Lab File: BM041539.D

Acq: 29 Aug 2023 01:48

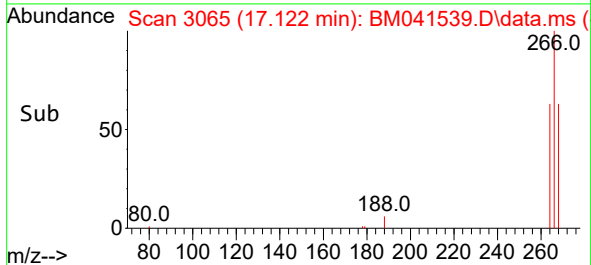
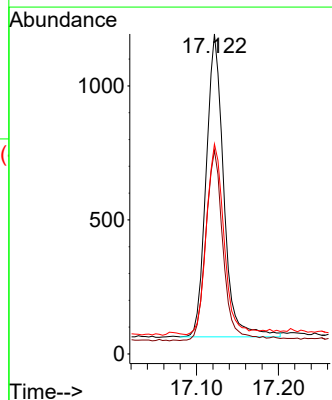
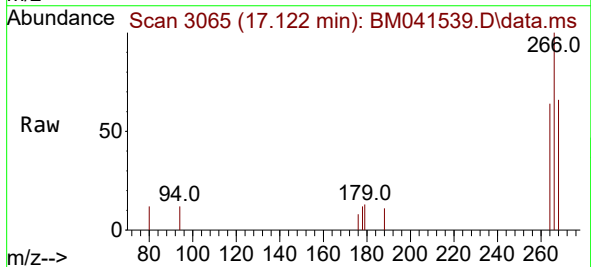
Tgt Ion:266 Resp: 1681

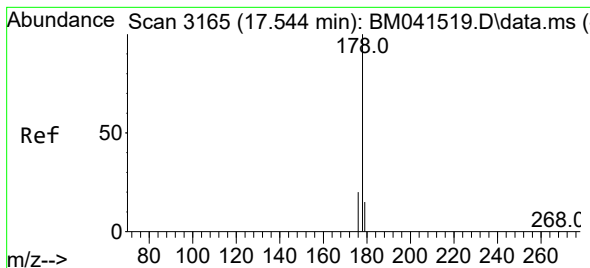
Ion Ratio Lower Upper

266 100

264 62.4 50.0 75.0

268 64.5 51.4 77.0





#15

Phenanthrene

Concen: 0.030 ng/ul

RT: 17.544 min Scan# 3165

Delta R.T. 0.000 min

Lab File: BM041539.D

Acq: 29 Aug 2023 01:48

Instrument :

BNA_M

ClientSampleId :

DCHK6

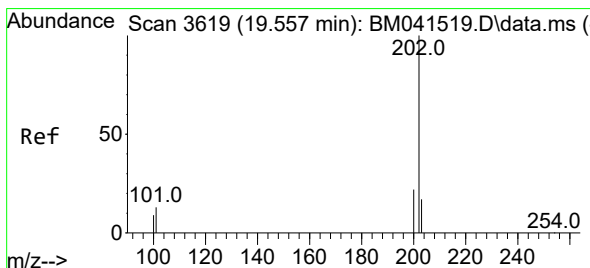
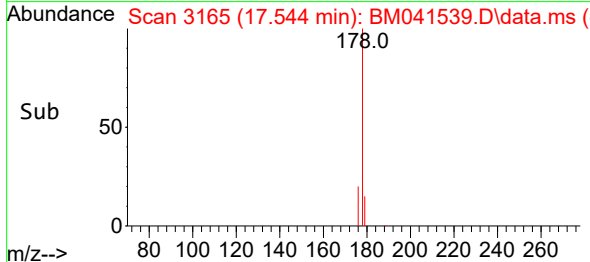
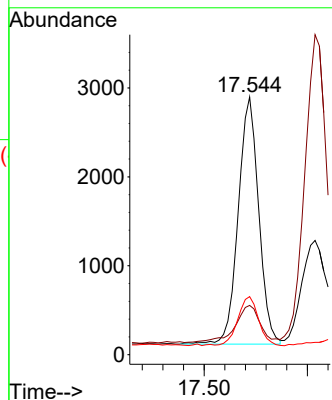
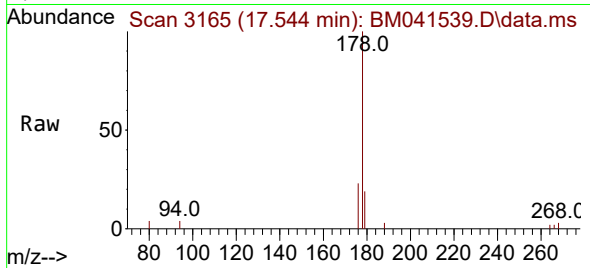
Tgt Ion:178 Resp: 3833

Ion Ratio Lower Upper

178 100

179 19.1 12.6 18.8#

176 22.6 16.3 24.5



#19

Fluoranthene

Concen: 0.022 ng/ul

RT: 19.552 min Scan# 3618

Delta R.T. -0.005 min

Lab File: BM041539.D

Acq: 29 Aug 2023 01:48

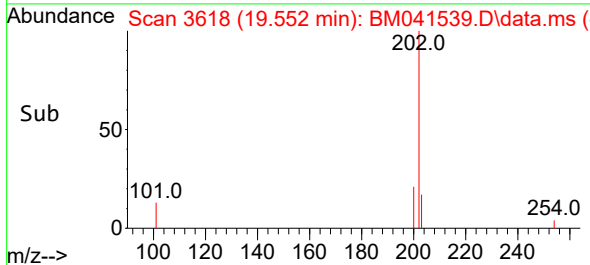
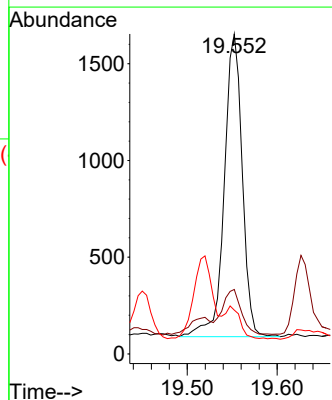
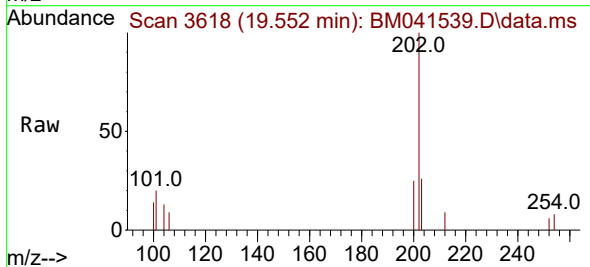
Tgt Ion:202 Resp: 2172

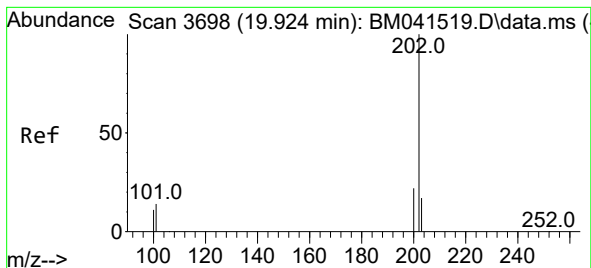
Ion Ratio Lower Upper

202 100

101 20.1 10.5 15.7#

100 13.7 7.8 11.6#





#20

Pyrene

Concen: 0.051 ng/ul

RT: 19.892 min Scan# 3

Delta R.T. -0.032 min

Lab File: BM041539.D

Acq: 29 Aug 2023 01:48

Instrument :

BNA_M

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DCHK6

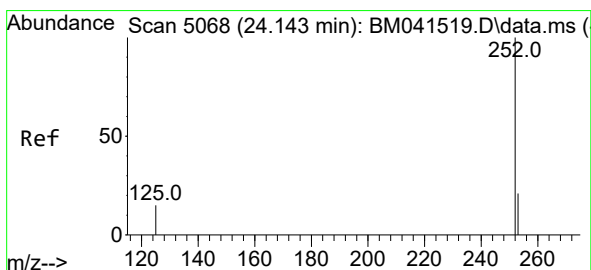
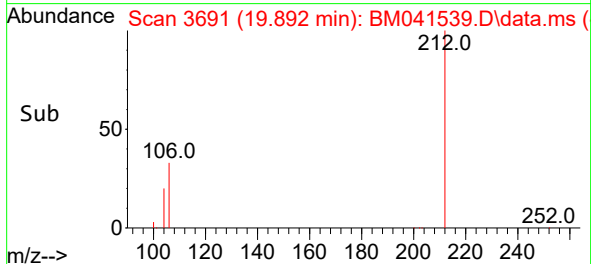
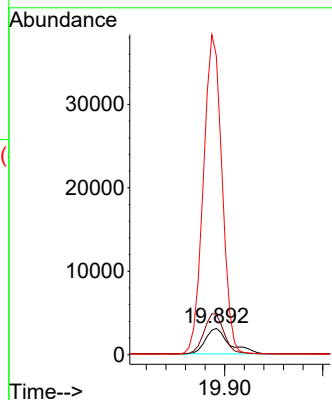
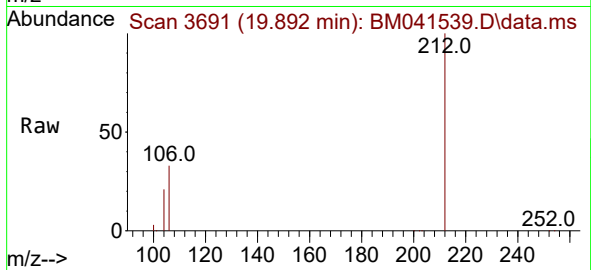
Tgt Ion:202 Resp: 5212

Ion Ratio Lower Upper

202 100

101 153.9 11.6 17.4#

100 1137.1 9.1 13.7#



#26

Benzo(a)pyrene

Concen: 0.095 ng/ul

RT: 24.079 min Scan# 5046

Delta R.T. -0.064 min

Lab File: BM041539.D

Acq: 29 Aug 2023 01:48

Tgt Ion:252 Resp: 7087

Ion Ratio Lower Upper

252 100

253 39.7 20.0 30.0#

125 47.7 17.1 25.7#

