

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041535.D
 Acq On : 28 Aug 2023 23:21
 Operator : MA/JU
 Sample : 04134-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCHI7

Quant Time: Aug 29 02:50:09 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)

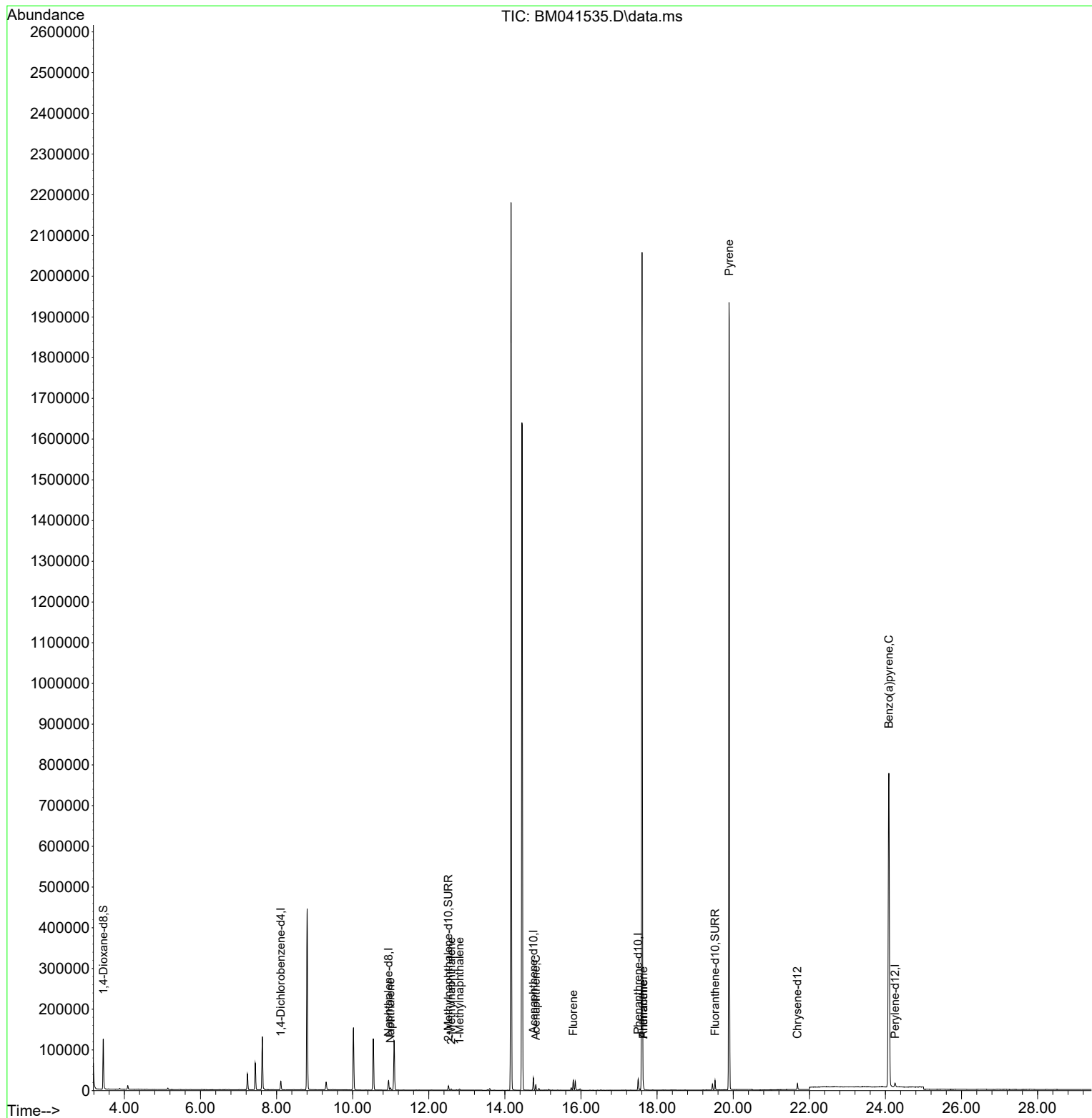
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10728	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	30047	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	15307	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	29063	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	11481	0.400	ng/ul	# 0.00
23) Perylene-d12	24.251	264	13279	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	74043	5.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	12792	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	20194	0.430	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.994	128	7376	0.077	ng/ul#	95
7) 2-Methylnaphthalene	12.588	142	2092	0.036	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	1717	0.029	ng/ul	99
11) Acenaphthene	14.814	153	7636	0.108	ng/ul	99
12) Fluorene	15.800	166	14737	0.192	ng/ul	98
15) Phenanthrene	17.637	178	9904	0.083	ng/ul	96
16) Anthracene	17.637	178	10096	0.092	ng/ul	96
20) Pyrene	19.896	202	4912	0.046	ng/ul#	1
26) Benzo(a)pyrene	24.091	252	7074	0.093	ng/ul#	1

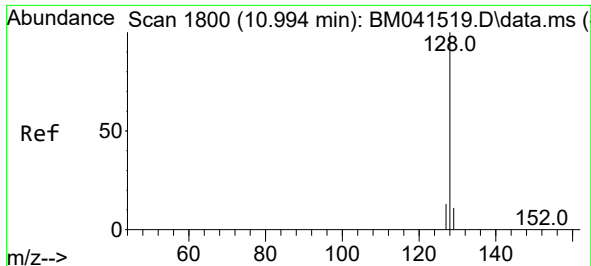
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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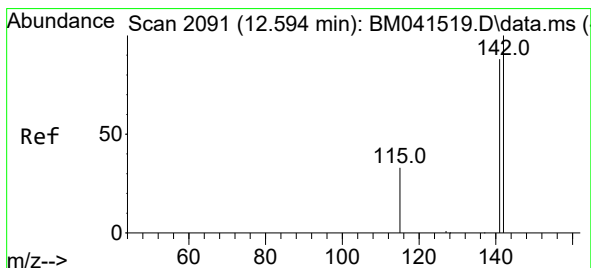
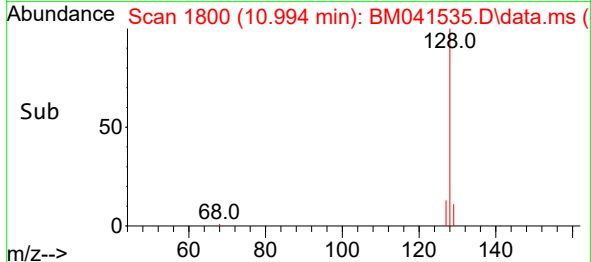
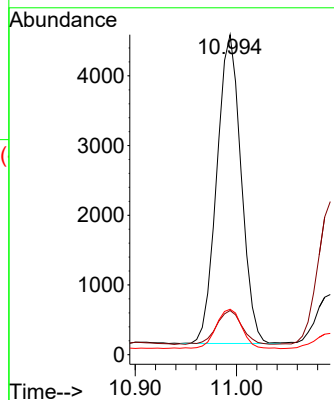
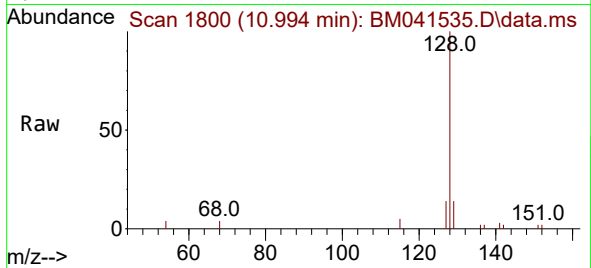




#5
Naphthalene
Concen: 0.077 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BM041535.D
Acq: 28 Aug 2023 23:21

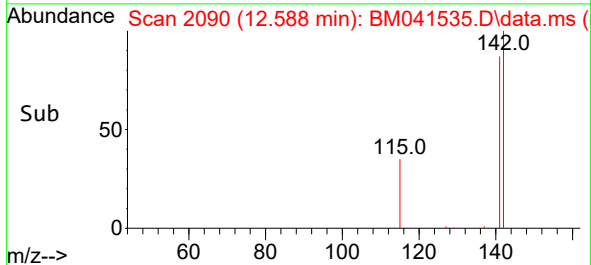
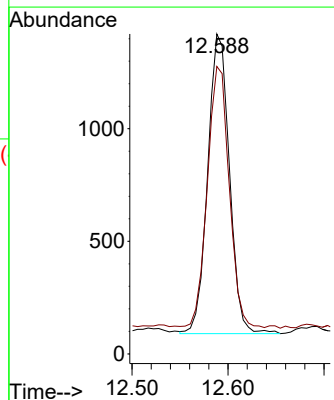
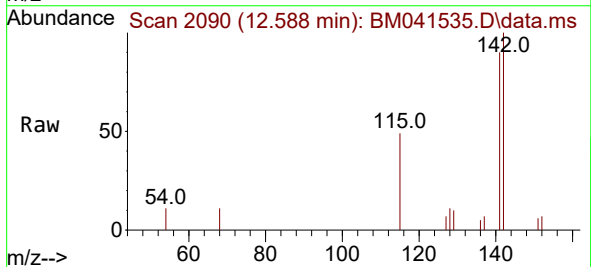
Instrument :
BNA_M
ClientSampleId :
DCHI7

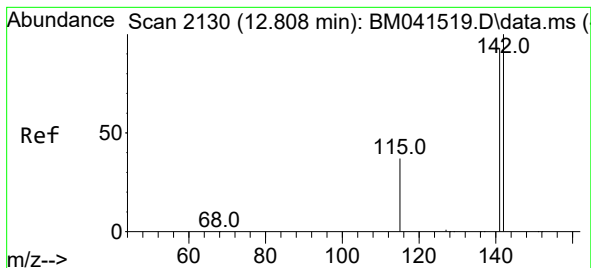
Tgt Ion:128 Resp: 7376
Ion Ratio Lower Upper
128 100
129 13.8 8.9 13.3#
127 14.2 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041535.D
Acq: 28 Aug 2023 23:21

Tgt Ion:142 Resp: 2092
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.6





#8

1-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.808 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BM041535.D

Acq: 28 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

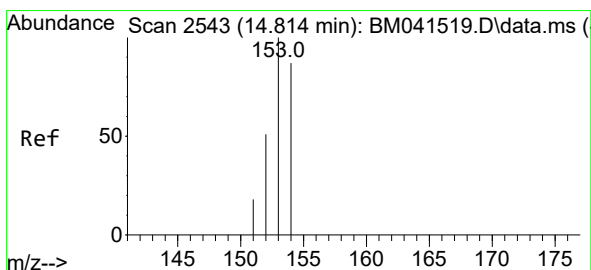
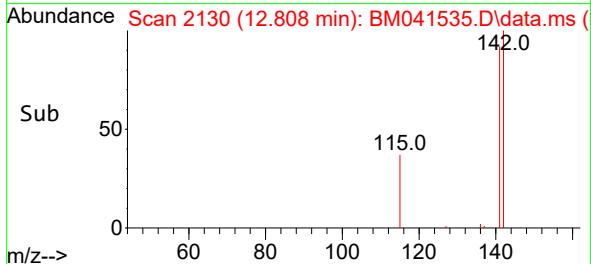
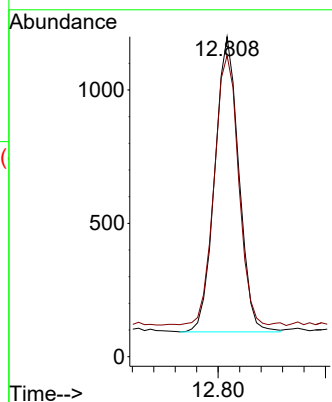
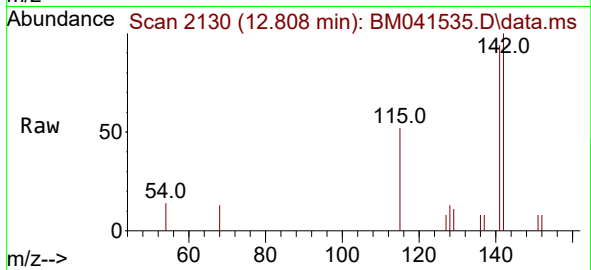
DCHI7

Tgt Ion:142 Resp: 1717

Ion Ratio Lower Upper

142 100

141 91.9 73.9 110.9



#11

Acenaphthene

Concen: 0.108 ng/ul

RT: 14.814 min Scan# 2543

Delta R.T. 0.000 min

Lab File: BM041535.D

Acq: 28 Aug 2023 23:21

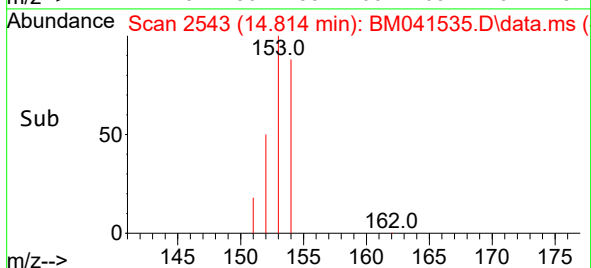
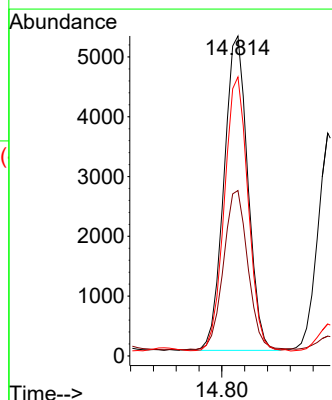
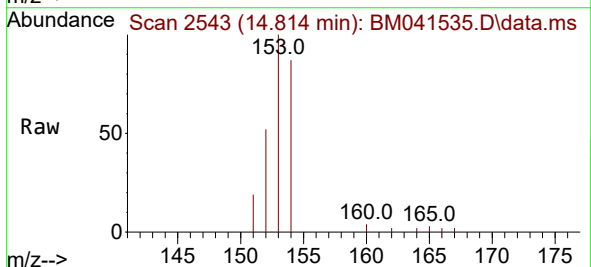
Tgt Ion:153 Resp: 7636

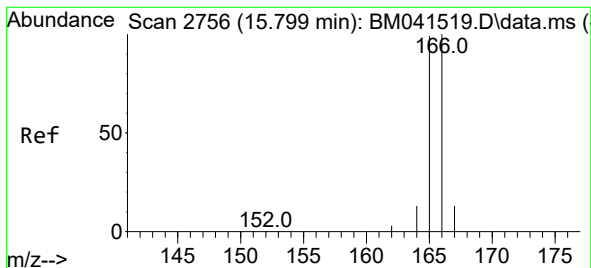
Ion Ratio Lower Upper

153 100

152 51.7 41.1 61.7

154 87.2 69.4 104.0





#12

Fluorene

Concen: 0.192 ng/ul

RT: 15.800 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041535.D

Acq: 28 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

DCHI7

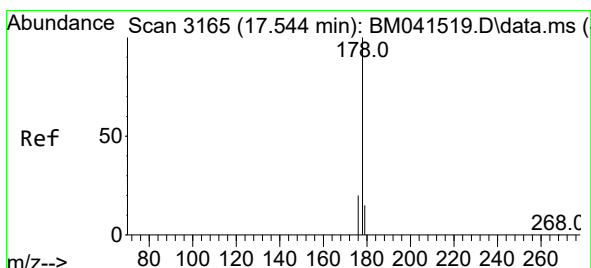
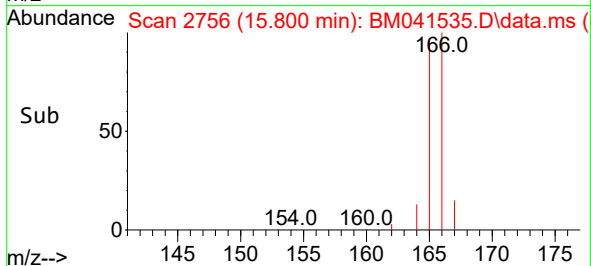
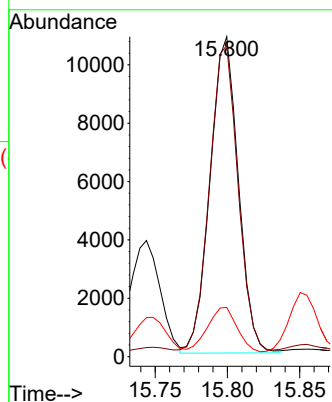
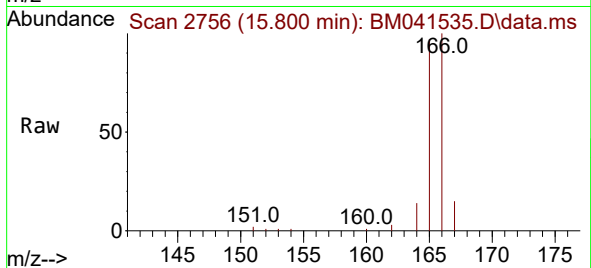
Tgt Ion:166 Resp: 14737

Ion Ratio Lower Upper

166 100

165 97.3 79.2 118.8

167 15.4 10.8 16.2



#15

Phenanthrene

Concen: 0.083 ng/ul

RT: 17.637 min Scan# 3187

Delta R.T. 0.093 min

Lab File: BM041535.D

Acq: 28 Aug 2023 23:21

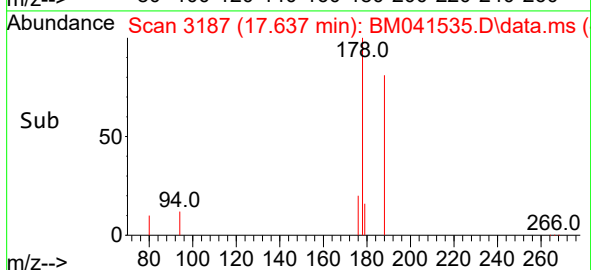
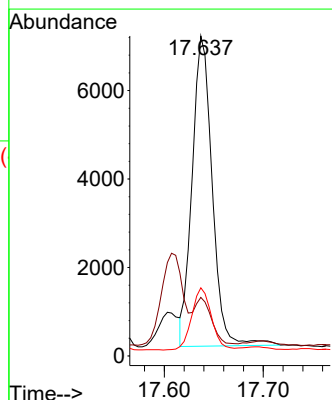
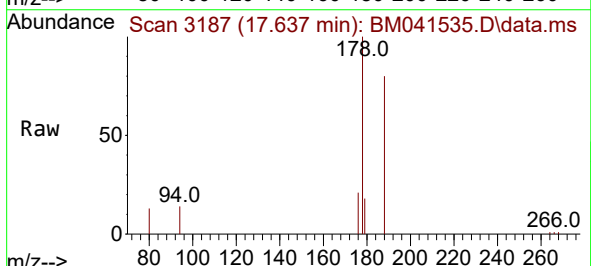
Tgt Ion:178 Resp: 9904

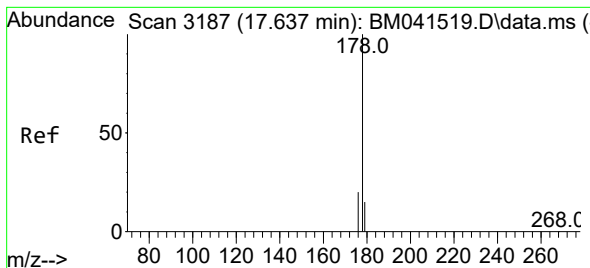
Ion Ratio Lower Upper

178 100

179 18.3 12.6 18.8

176 21.3 16.3 24.5





#16

Anthracene

Concen: 0.092 ng/ul

RT: 17.637 min Scan# 3187

Delta R.T. 0.000 min

Lab File: BM041535.D

Acq: 28 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

DCHI7

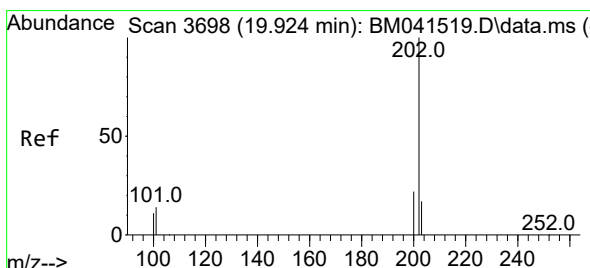
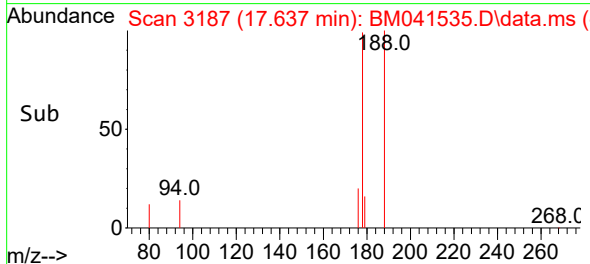
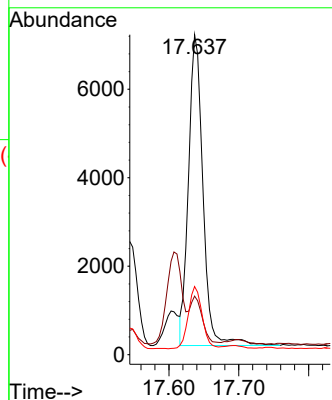
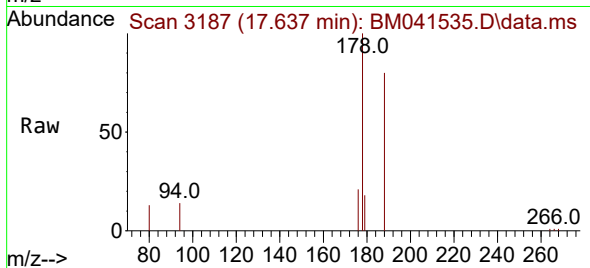
Tgt Ion:178 Resp: 10096

Ion Ratio Lower Upper

178 100

179 18.3 12.6 19.0

176 21.3 15.9 23.9



#20

Pyrene

Concen: 0.046 ng/ul

RT: 19.896 min Scan# 3692

Delta R.T. -0.028 min

Lab File: BM041535.D

Acq: 28 Aug 2023 23:21

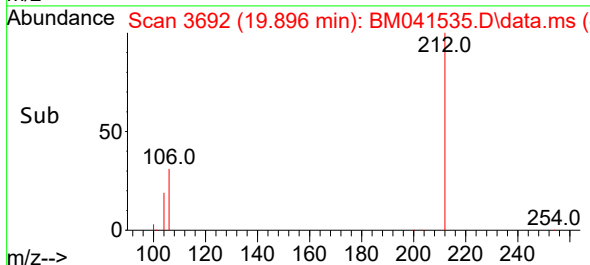
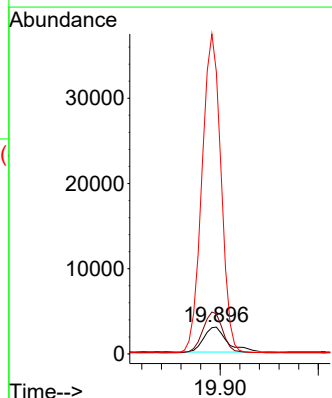
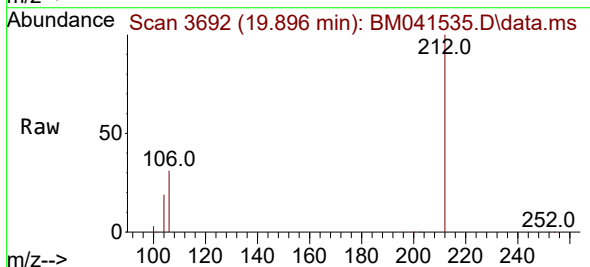
Tgt Ion:202 Resp: 4912

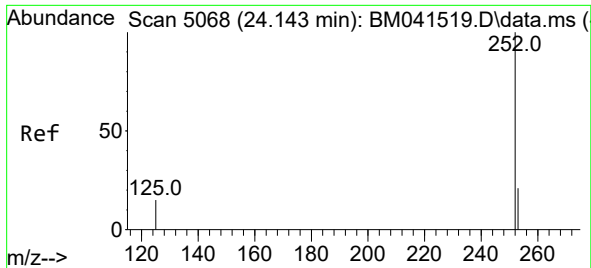
Ion Ratio Lower Upper

202 100

101 149.4 11.6 17.4#

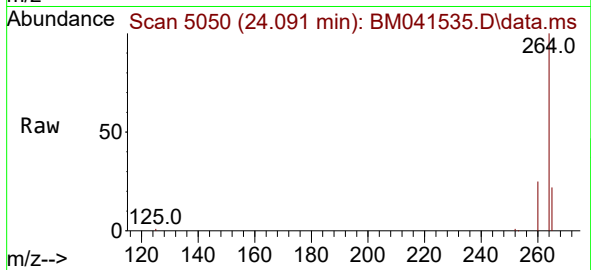
100 1047.5 9.1 13.7#





#26
Benzo(a)pyrene
Concen: 0.093 ng/ul
RT: 24.091 min Scan# 50
Delta R.T. -0.053 min
Lab File: BM041535.D
Acq: 28 Aug 2023 23:21

Instrument :
BNA_M
ClientSampleId :
DCHI7



Tgt Ion:252 Resp: 7074
Ion Ratio Lower Upper
252 100
253 44.2 20.0 30.0#
125 121.9 17.1 25.7#

