

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040916.D
 Acq On : 17 Jul 2023 10:18
 Operator : MA/JU
 Sample : 03437-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46H4

Quant Time: Jul 18 02:45:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

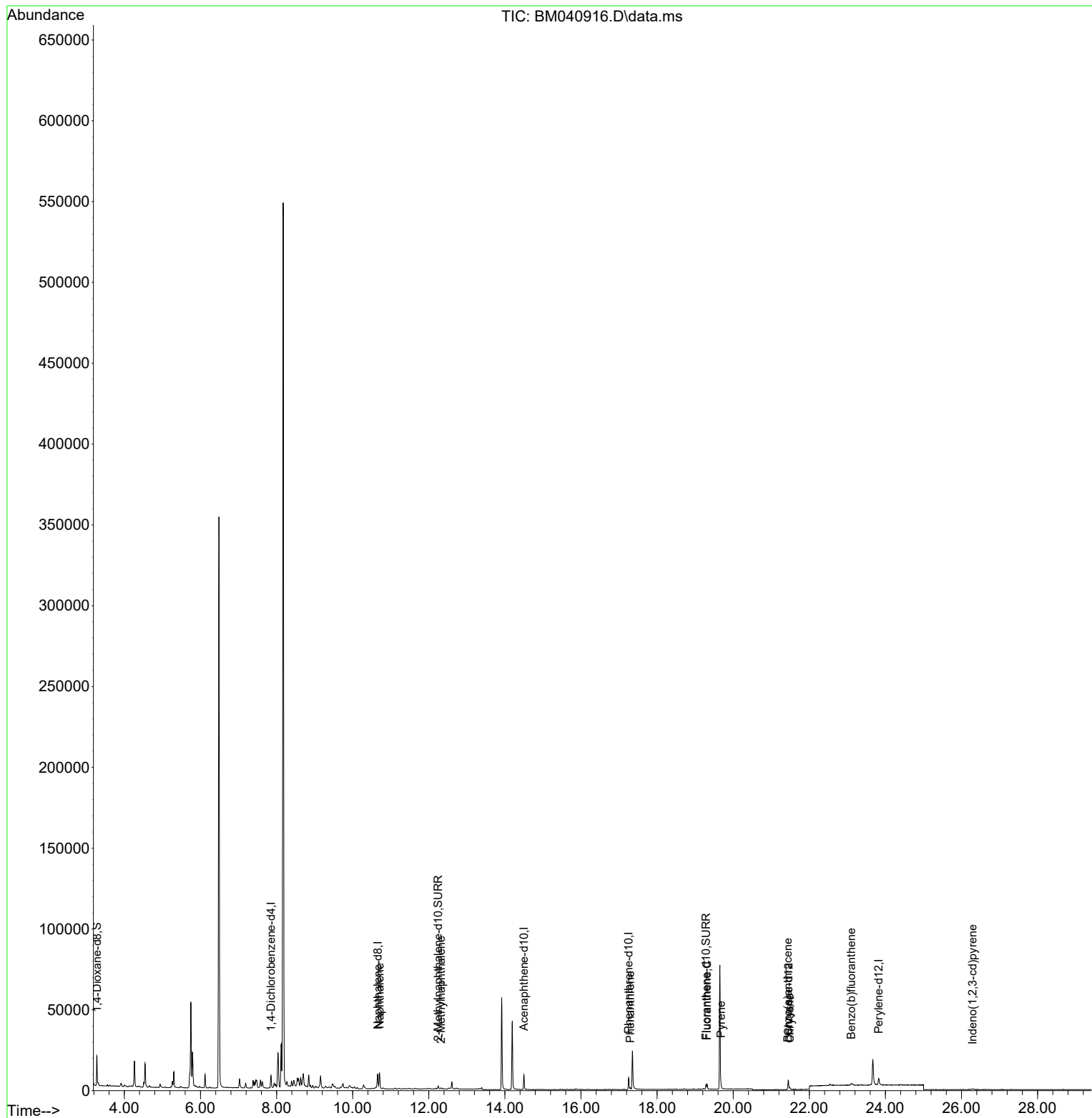
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	3857	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.658	136	12202	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.499	164	5019	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	8503	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	5830	0.400	ng/ul	0.00
23) Perylene-d12	23.825	264	5639	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	10449	1.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	2551	0.149	ng/ul	-0.01
18) Fluoranthene-d10	19.287	212	3373	0.180	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.708	128	13691	0.407	ng/ul	99
7) 2-Methylnaphthalene	12.324	142	566	0.029	ng/ul	95
15) Phenanthrene	17.295	178	1178	0.045	ng/ul#	84
19) Fluoranthene	19.315	202	2643	0.107	ng/ul#	94
20) Pyrene	19.678	202	2276	0.086	ng/ul#	89
21) Benzo(a)anthracene	21.434	228	683	0.035	ng/ul#	79
22) Chrysene	21.486	228	1248	0.055	ng/ul#	88
24) Benzo(b)fluoranthene	23.102	252	1731	0.079	ng/ul#	18
27) Indeno(1,2,3-cd)pyrene	26.287	276	819	0.030	ng/ul#	84

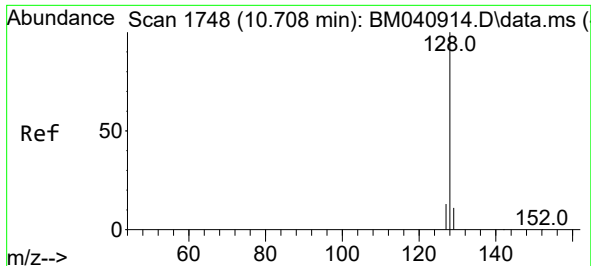
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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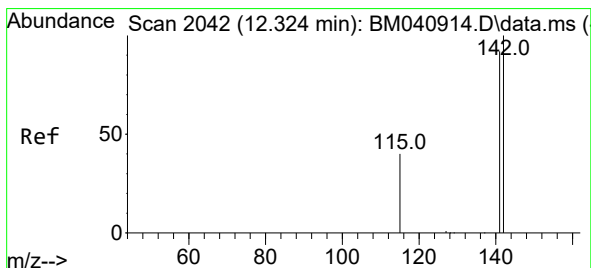
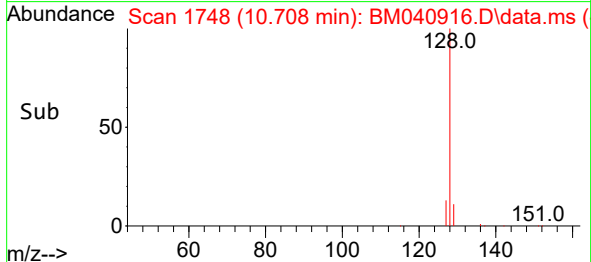
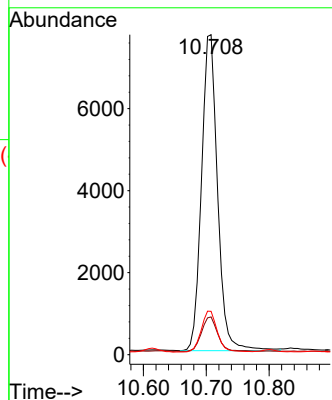
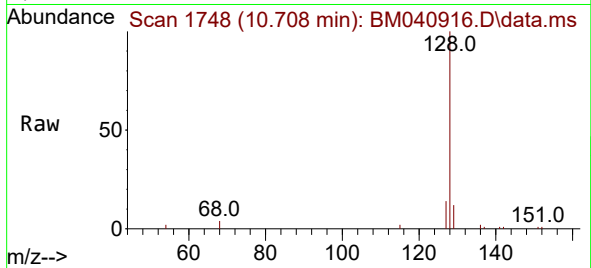




#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.708 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18

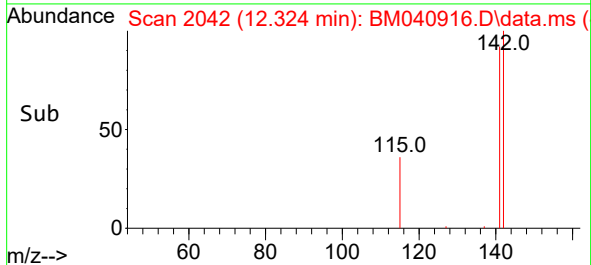
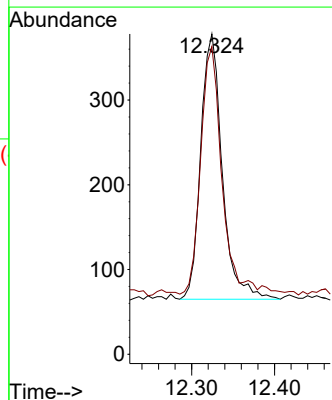
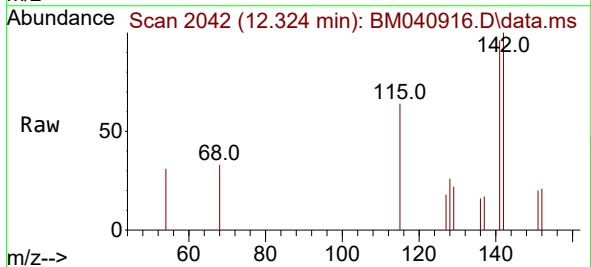
Instrument :
BNA_M
ClientSampleId :
A46H4

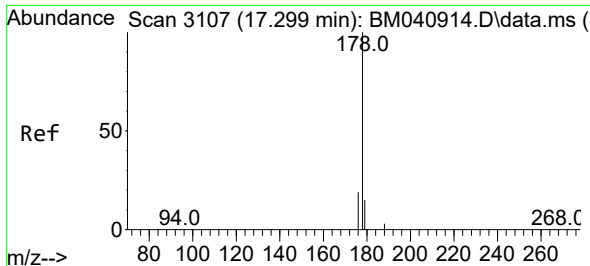
Tgt Ion:128 Resp: 13691
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.6 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18

Tgt Ion:142 Resp: 566
Ion Ratio Lower Upper
142 100
141 95.1 71.9 107.9

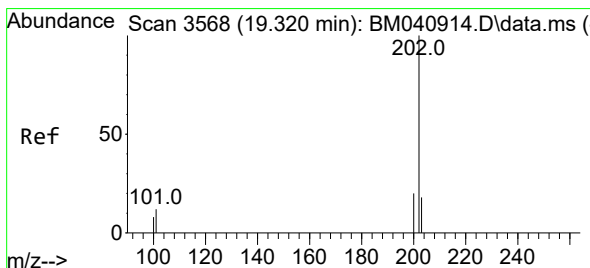
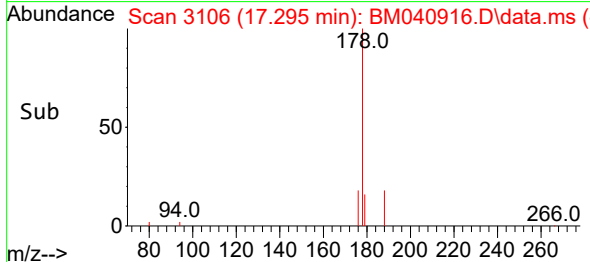
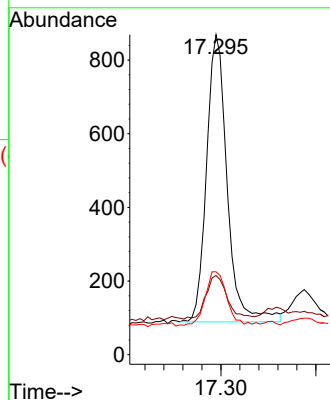
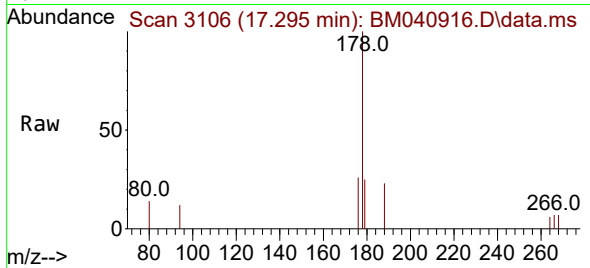




#15
Phenanthrene
Concen: 0.045 ng/ul
RT: 17.295 min Scan# 3106
Delta R.T. -0.008 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18

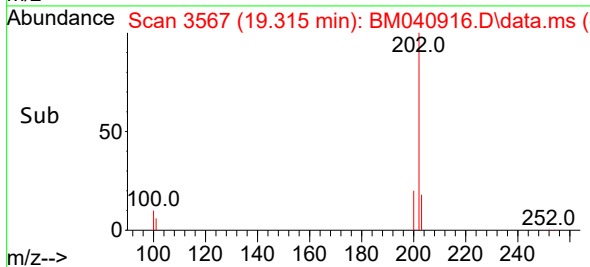
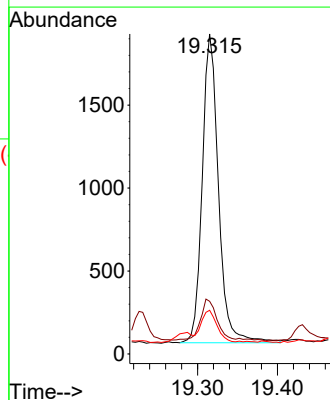
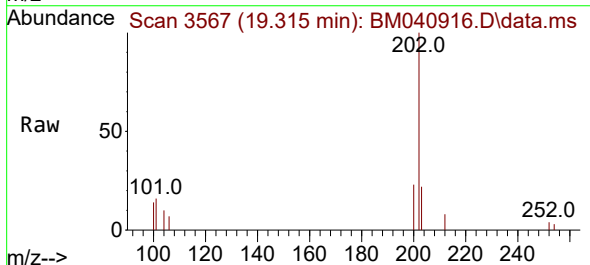
Instrument :
BNA_M
ClientSampleId :
A46H4

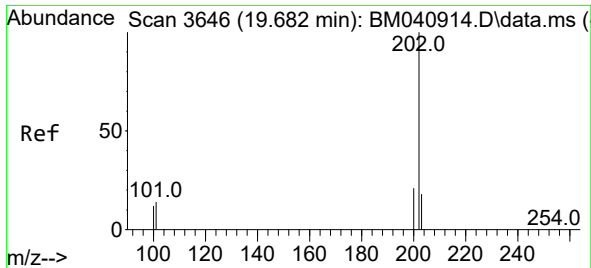
Tgt Ion:178 Resp: 1178
Ion Ratio Lower Upper
178 100
179 24.7 12.8 19.2#
176 25.9 16.4 24.6#



#19
Fluoranthene
Concen: 0.107 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18

Tgt Ion:202 Resp: 2643
Ion Ratio Lower Upper
202 100
101 16.4 11.4 17.0
100 13.6 8.7 13.1#

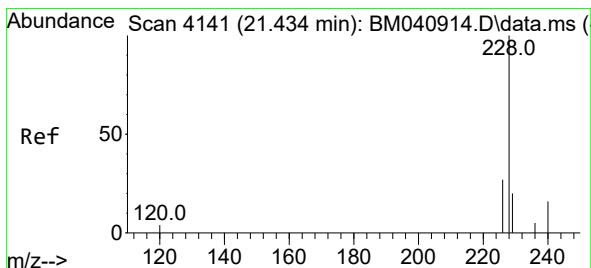
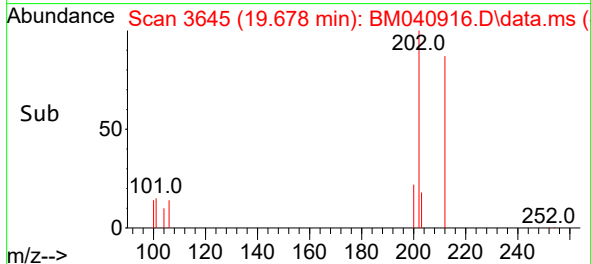
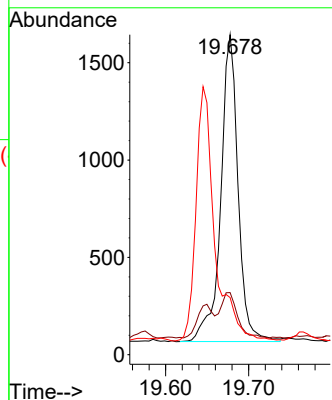
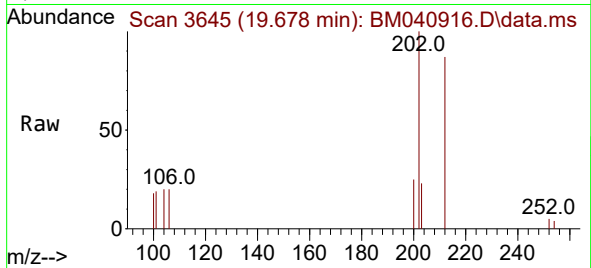




#20
Pyrene
Concen: 0.086 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18

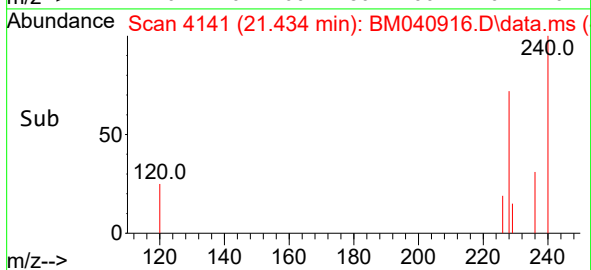
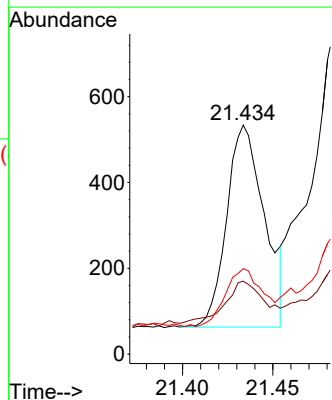
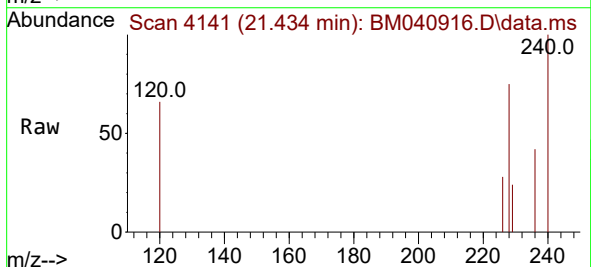
Instrument :
BNA_M
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A46H4

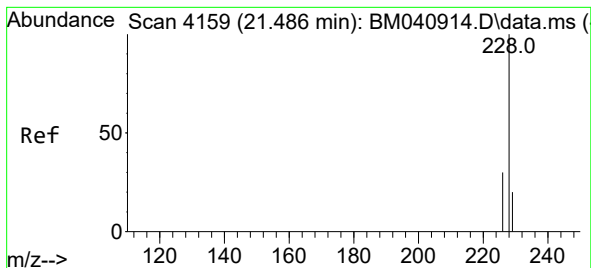
Tgt Ion:202 Resp: 2276
Ion Ratio Lower Upper
202 100
101 19.4 12.6 18.8#
100 17.9 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 0.035 ng/ul
RT: 21.434 min Scan# 4141
Delta R.T. -0.000 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18

Tgt Ion:228 Resp: 683
Ion Ratio Lower Upper
228 100
229 31.8 16.0 24.0#
226 37.3 22.3 33.5#





#22

Chrysene

Concen: 0.055 ng/ul

RT: 21.486 min Scan# 4159

Delta R.T. -0.000 min

Lab File: BM040916.D

Acq: 17 Jul 2023 10:18

Instrument :

BNA_M

ClientSampleId :

A46H4

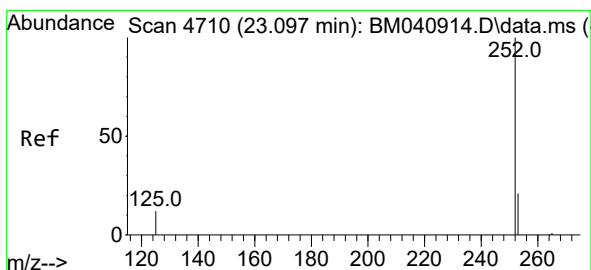
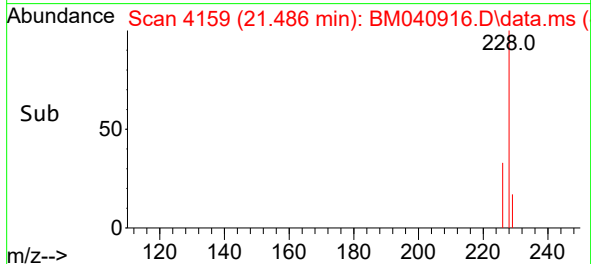
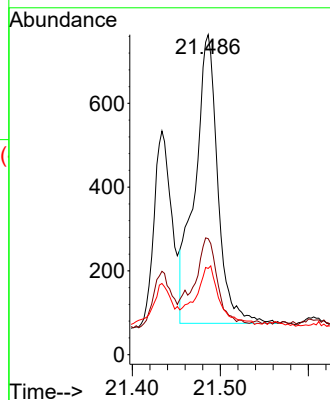
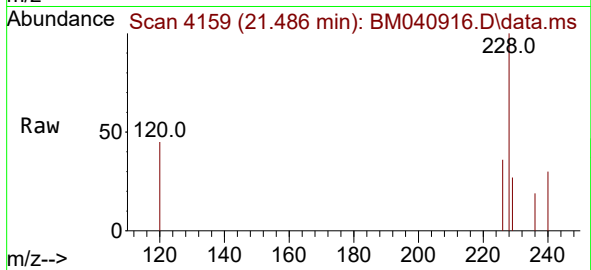
Tgt Ion:228 Resp: 1248

Ion Ratio Lower Upper

228 100

226 36.3 24.9 37.3

229 27.0 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.079 ng/ul

RT: 23.102 min Scan# 4712

Delta R.T. -0.000 min

Lab File: BM040916.D

Acq: 17 Jul 2023 10:18

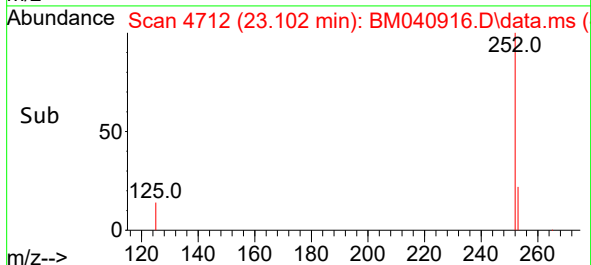
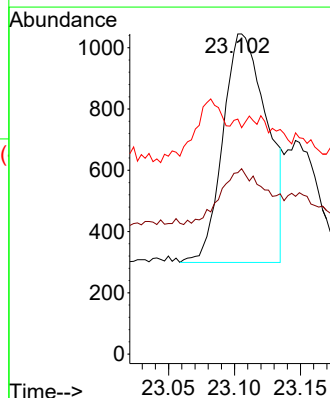
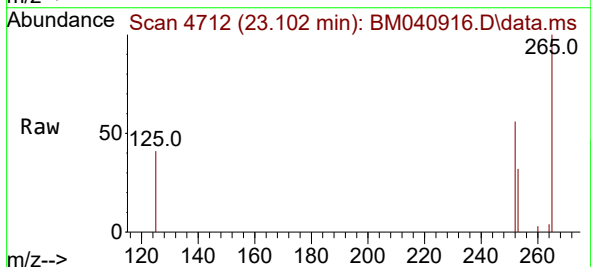
Tgt Ion:252 Resp: 1731

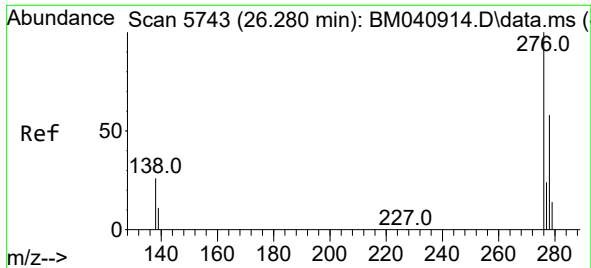
Ion Ratio Lower Upper

252 100

253 56.7 0.0 52.8#

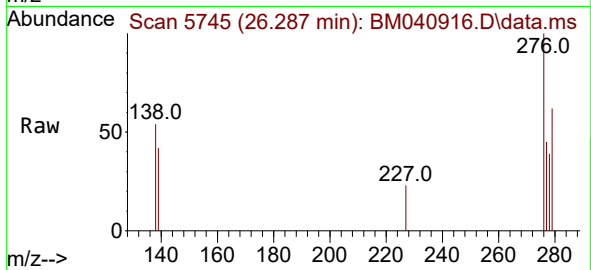
125 73.4 0.0 43.0#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 26.287 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18

Instrument :
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Tgt Ion:276 Resp: 819
Ion Ratio Lower Upper
276 100
138 21.9 24.5 36.7#
227 0.6 0.1 0.1#

