

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040908.D
 Acq On : 15 Jul 2023 17:12
 Operator : MA/JU
 Sample : 03414-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGZ1

Quant Time: Jul 16 00:29:24 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)

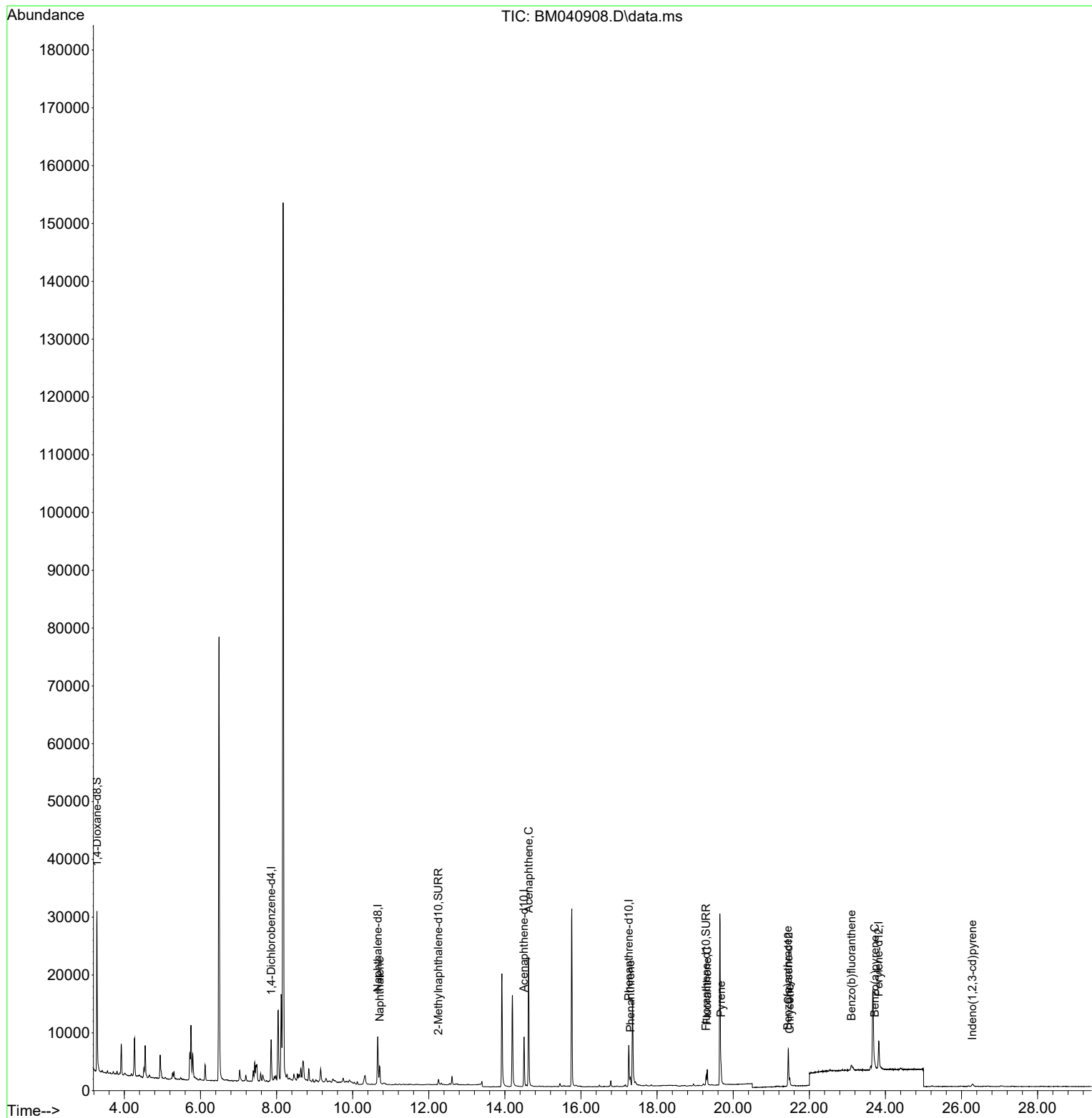
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	3936	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	12135	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.504	164	4902	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	9062	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	6363	0.400	ng/ul	0.00
23) Perylene-d12	23.825	264	6483	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	15522	2.511	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	1493	0.088	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	1969	0.097	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.708	128	4503	0.135	ng/ul	95
11) Acenaphthene	14.624	153	6422	0.347	ng/ul#	1
15) Phenanthrene	17.299	178	1572	0.056	ng/ul#	87
19) Fluoranthene	19.320	202	2514	0.093	ng/ul	95
20) Pyrene	19.678	202	2530	0.087	ng/ul#	87
21) Benzo(a)anthracene	21.434	228	1112	0.052	ng/ul#	80
22) Chrysene	21.486	228	1226	0.050	ng/ul#	85
24) Benzo(b)fluoranthene	23.108	252	1540	0.061	ng/ul#	8
26) Benzo(a)pyrene	23.719	252	772	0.034	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.284	276	797	0.025	ng/ul#	91

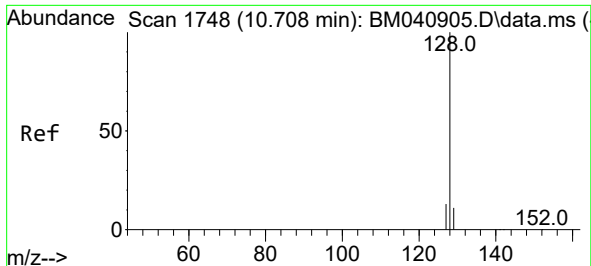
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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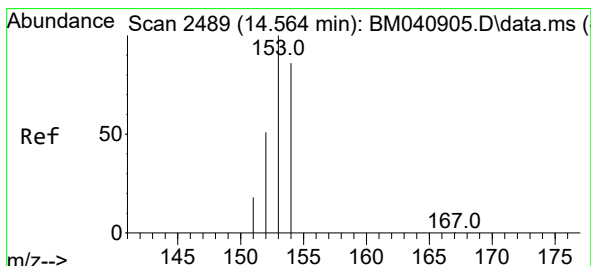
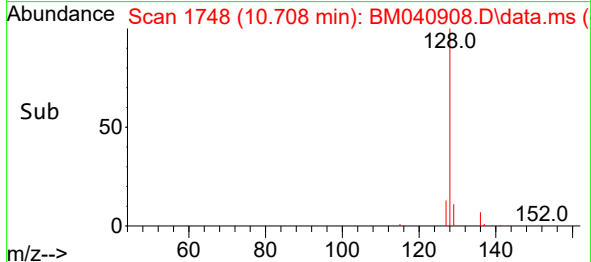
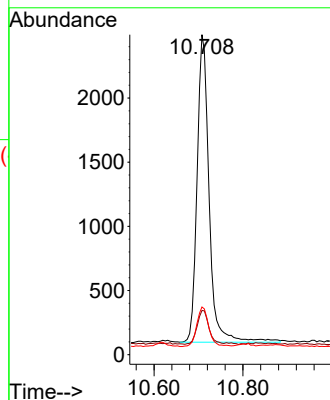
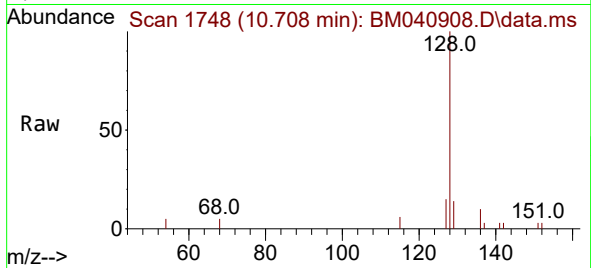




#5
Naphthalene
Concen: 0.135 ng/ul
RT: 10.708 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040908.D
Acq: 15 Jul 2023 17:12

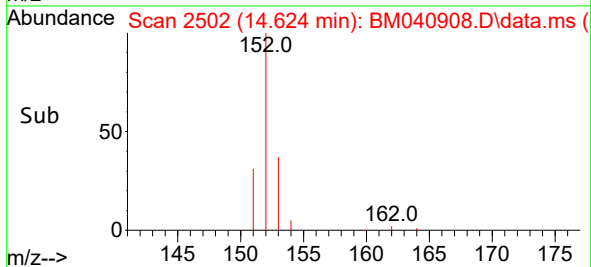
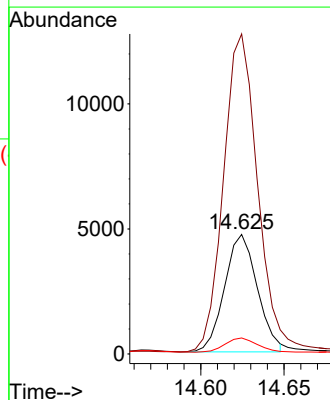
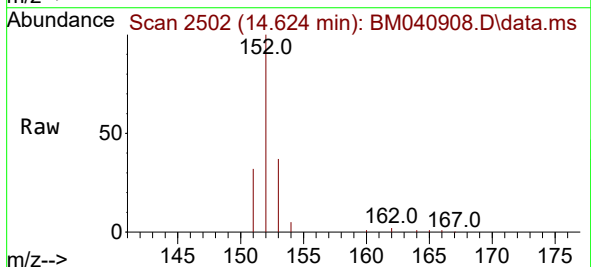
Instrument :
BNA_M
ClientSampleId :
DCGZ1

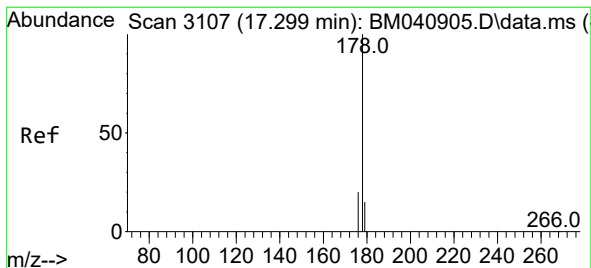
Tgt Ion:128 Resp: 4503
Ion Ratio Lower Upper
128 100
129 13.8 9.2 13.8
127 14.9 10.6 15.8



#11
Acenaphthene
Concen: 0.347 ng/ul
RT: 14.624 min Scan# 2502
Delta R.T. 0.056 min
Lab File: BM040908.D
Acq: 15 Jul 2023 17:12

Tgt Ion:153 Resp: 6422
Ion Ratio Lower Upper
153 100
152 267.6 41.0 61.4#
154 13.3 70.8 106.2#





#15

Phenanthrene

Concen: 0.056 ng/ul

RT: 17.299 min Scan# 3107

Delta R.T. -0.004 min

Lab File: BM040908.D

Acq: 15 Jul 2023 17:12

Instrument :

BNA_M

ClientSampleId :

DCGZ1

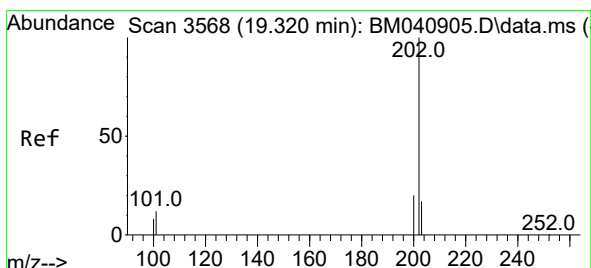
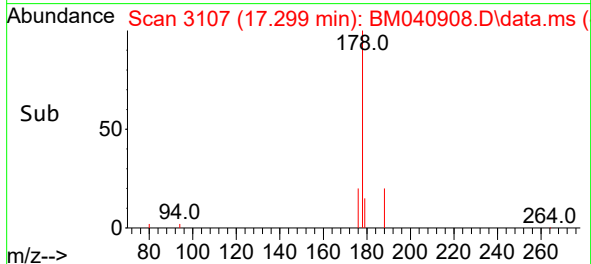
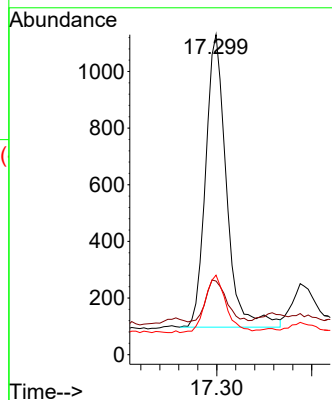
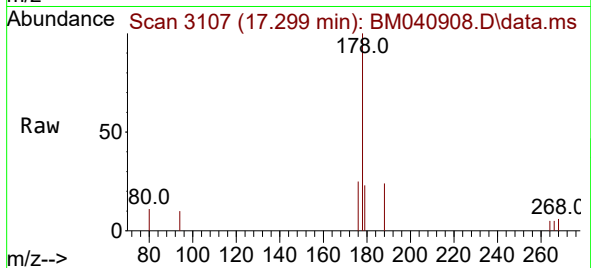
Tgt Ion:178 Resp: 1572

Ion Ratio Lower Upper

178 100

179 23.0 12.8 19.2#

176 24.9 16.4 24.6#



#19

Fluoranthene

Concen: 0.093 ng/ul

RT: 19.320 min Scan# 3568

Delta R.T. -0.005 min

Lab File: BM040908.D

Acq: 15 Jul 2023 17:12

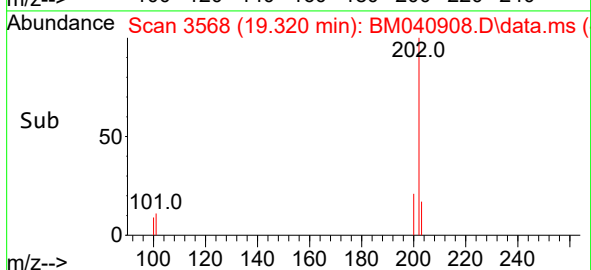
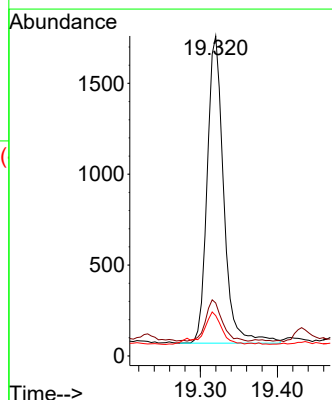
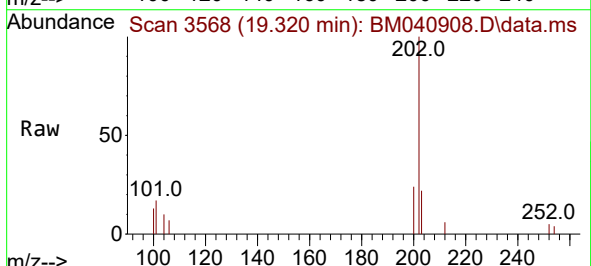
Tgt Ion:202 Resp: 2514

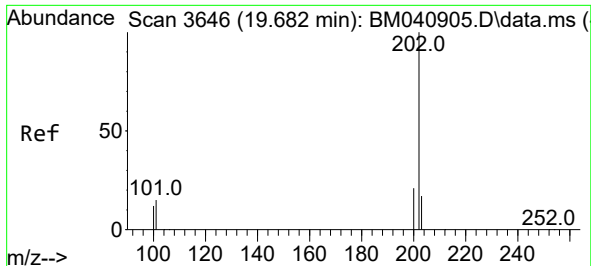
Ion Ratio Lower Upper

202 100

101 16.5 11.4 17.0

100 12.6 8.7 13.1

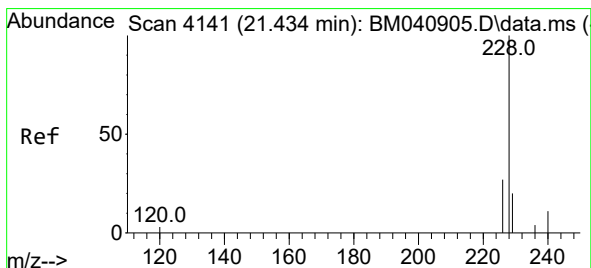
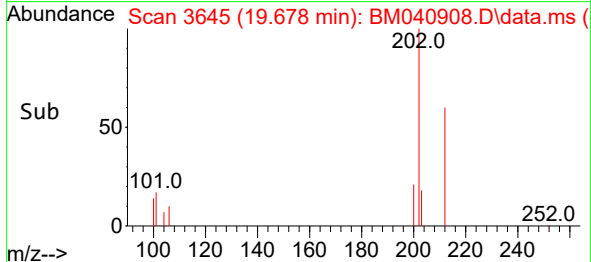
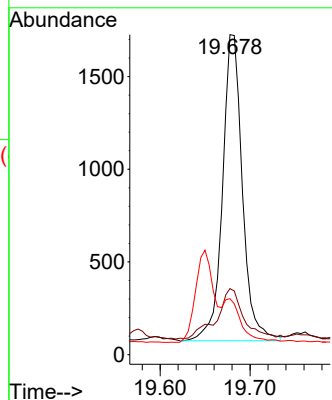
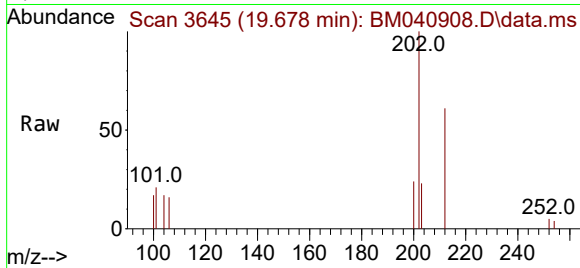




#20
Pyrene
Concen: 0.087 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040908.D
Acq: 15 Jul 2023 17:12

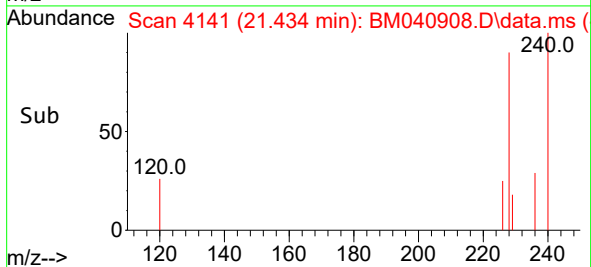
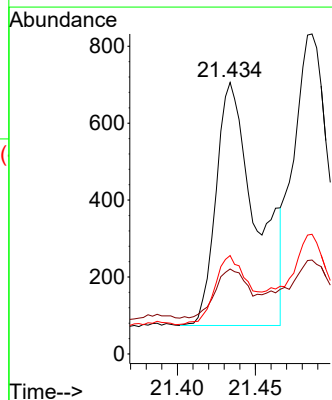
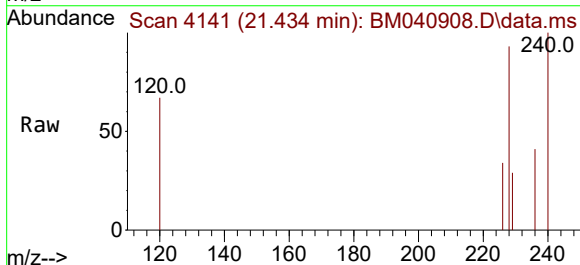
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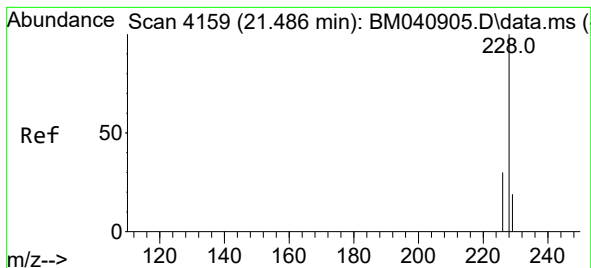
Tgt Ion:202 Resp: 2530
Ion Ratio Lower Upper
202 100
101 20.6 12.6 18.8#
100 17.5 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 0.052 ng/ul
RT: 21.434 min Scan# 4141
Delta R.T. 0.000 min
Lab File: BM040908.D
Acq: 15 Jul 2023 17:12

Tgt Ion:228 Resp: 1112
Ion Ratio Lower Upper
228 100
229 31.3 16.0 24.0#
226 36.3 22.3 33.5#





#22

Chrysene

Concen: 0.050 ng/ul

RT: 21.486 min Scan# 4159

Delta R.T. 0.000 min

Lab File: BM040908.D

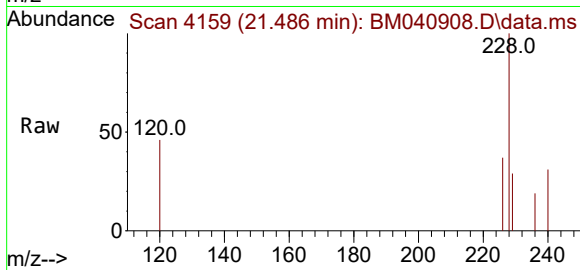
Acq: 15 Jul 2023 17:12

Instrument :

BNA_M

ClientSampleId :

DCGZ1



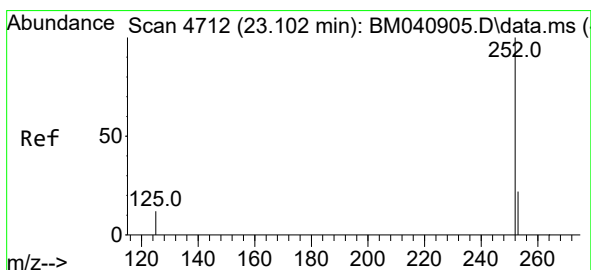
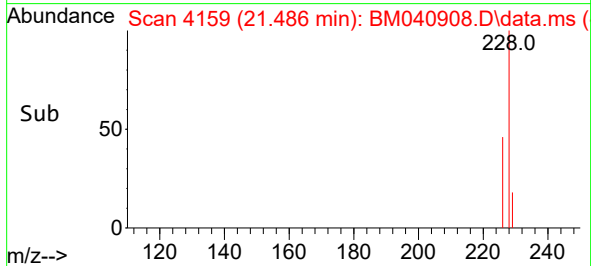
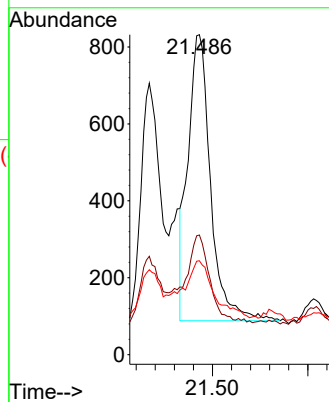
Tgt Ion:228 Resp: 1226

Ion Ratio Lower Upper

228 100

226 37.4 24.9 37.3#

229 29.3 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.061 ng/ul

RT: 23.108 min Scan# 4714

Delta R.T. 0.006 min

Lab File: BM040908.D

Acq: 15 Jul 2023 17:12

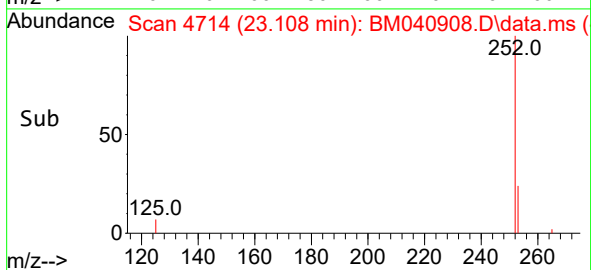
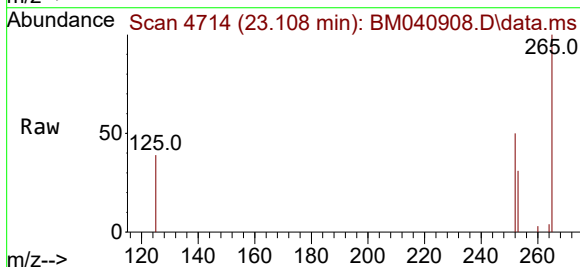
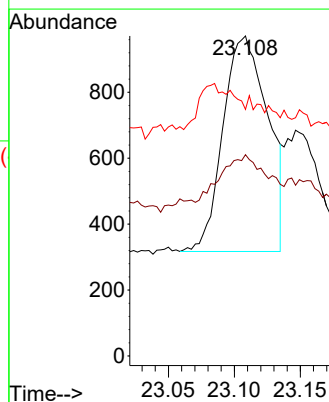
Tgt Ion:252 Resp: 1540

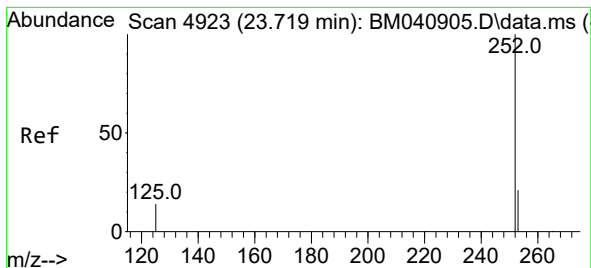
Ion Ratio Lower Upper

252 100

253 62.9 0.0 52.8#

125 77.0 0.0 43.0#





#26

Benzo(a)pyrene

Concen: 0.034 ng/ul

RT: 23.719 min Scan# 4923

Delta R.T. -0.003 min

Lab File: BM040908.D

Acq: 15 Jul 2023 17:12

Instrument :

BNA_M

ClientSampleId :

DCGZ1

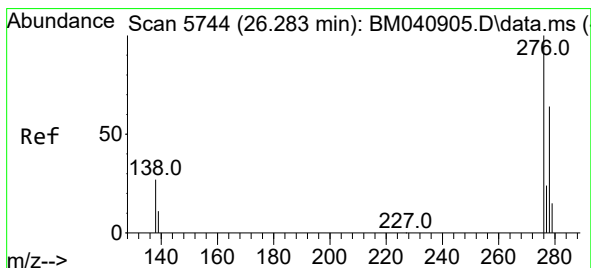
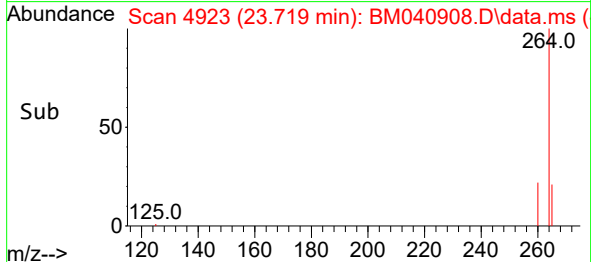
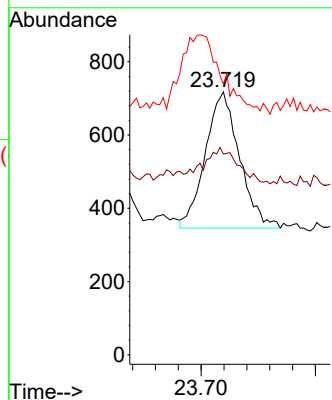
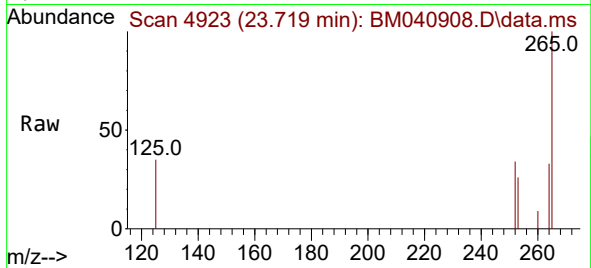
Tgt Ion:252 Resp: 772

Ion Ratio Lower Upper

252 100

253 76.3 22.9 34.3#

125 102.9 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng/ul

RT: 26.284 min Scan# 5744

Delta R.T. -0.007 min

Lab File: BM040908.D

Acq: 15 Jul 2023 17:12

Tgt Ion:276 Resp: 797

Ion Ratio Lower Upper

276 100

138 25.8 24.5 36.7

227 1.5 0.1 0.1#

