

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041057.D
 Acq On : 22 Jul 2023 16:57
 Operator : MA/JU
 Sample : 03540-02DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 22 22:37:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 22 22:33:48 2023
 Response via : Initial Calibration

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

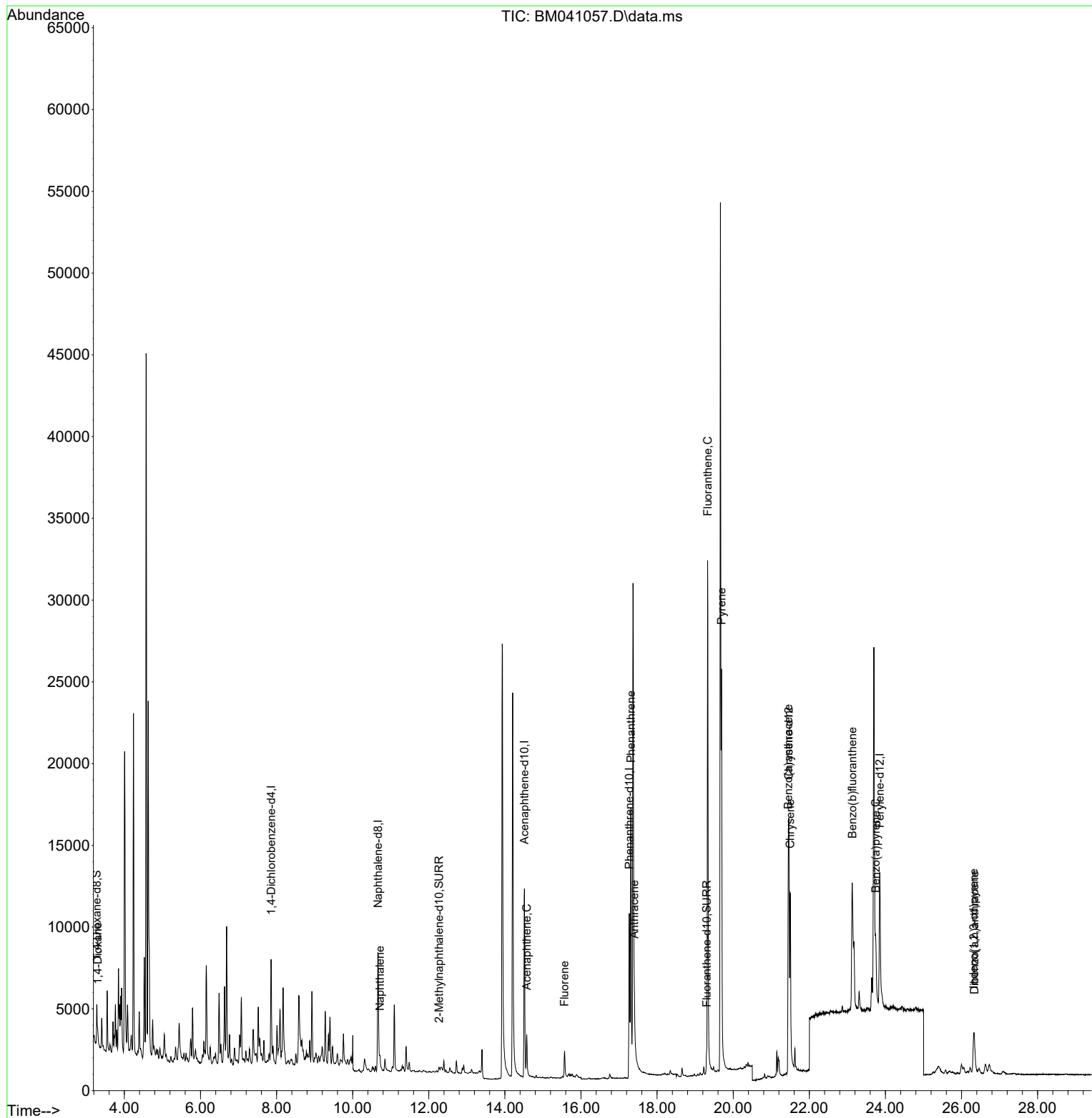
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	3830	0.400	ng/ul	0.00
4) Naphthalene-d8	10.663	136	12622	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.513	164	6893	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.269	188	13801	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.463	240	12186	0.400	ng/ul	# 0.00
23) Perylene-d12	23.851	264	11541	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	1484	0.236	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.269	152	769	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	1542	0.030	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.301	88	274	0.041	ng/ul#	1
5) Naphthalene	10.718	128	1020	0.030	ng/ul#	72
11) Acenaphthene	14.573	153	1600	0.063	ng/ul	98
12) Fluorene	15.568	166	1301	0.049	ng/ul#	96
15) Phenanthrene	17.312	178	19490	0.472	ng/ul	99
16) Anthracene	17.400	178	2902	0.090	ng/ul#	87
19) Fluoranthene	19.329	202	29560	0.470	ng/ul	94
20) Pyrene	19.691	202	21039	0.327	ng/ul	95
21) Benzo(a)anthracene	21.448	228	12730	0.343	ng/ul	98
22) Chrysene	21.501	228	10764	0.254	ng/ul	98
24) Benzo(b)fluoranthene	23.129	252	14195	0.320	ng/ul	95
26) Benzo(a)pyrene	23.746	252	5013	0.131	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.324	276	5046	0.099	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.340	278	1594	0.042	ng/ul#	45

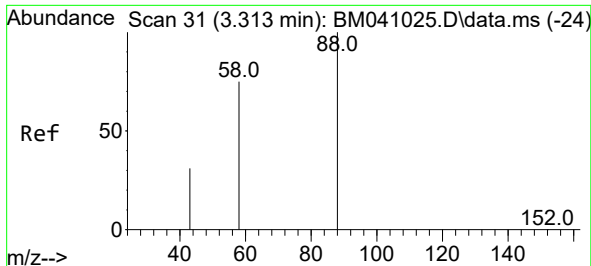
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
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BNA_M
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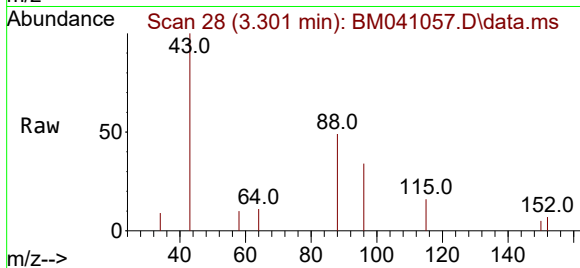
Quant Time: Jul 22 22:37:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
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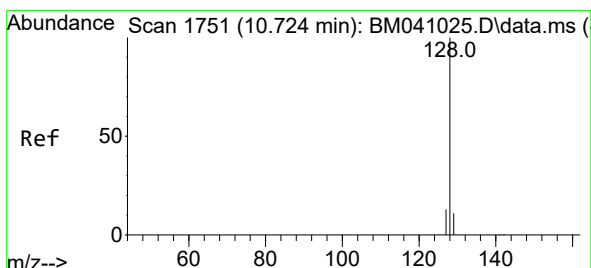
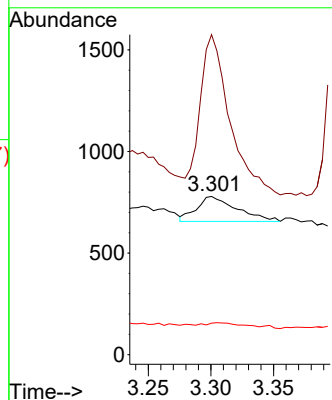
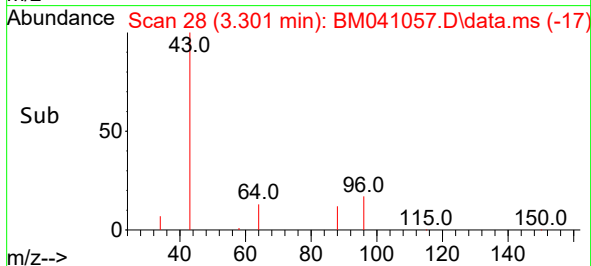


#2
1,4-Dioxane
Concen: 0.041 ng/ul
RT: 3.301 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM041057.D
Acq: 22 Jul 2023 16:57

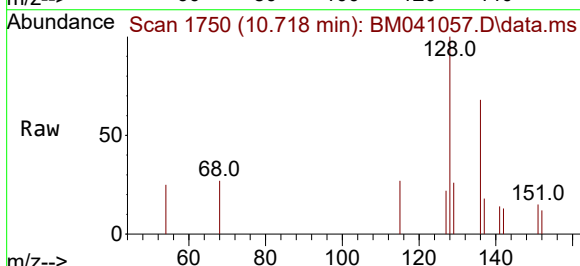
Instrument :
BNA_M
ClientSampleId :



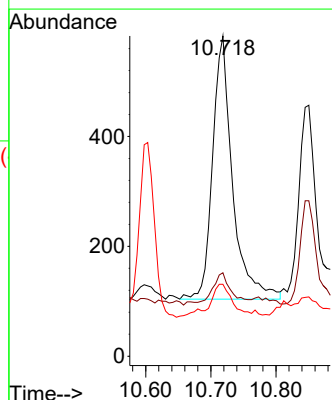
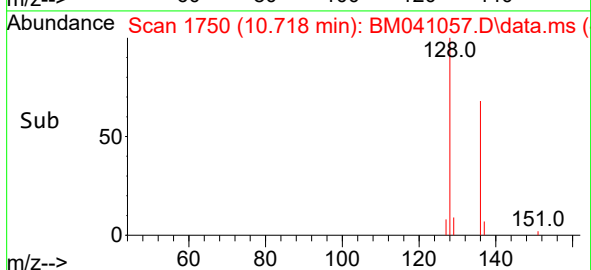
Tgt Ion: 88 Resp: 274
Ion Ratio Lower Upper
88 100
43 202.2 46.7 70.1#
58 19.9 40.3 60.5#

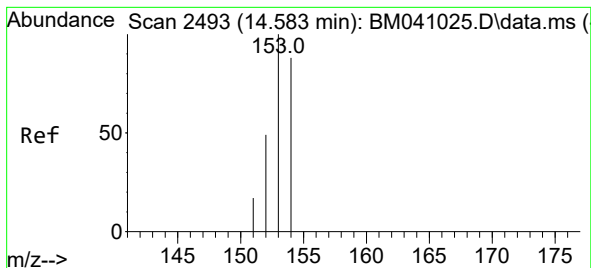


#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.718 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM041057.D
Acq: 22 Jul 2023 16:57



Tgt Ion: 128 Resp: 1020
Ion Ratio Lower Upper
128 100
129 26.1 9.8 14.8#
127 22.5 11.0 16.4#





#11

Acenaphthene

Concen: 0.063 ng/ul

RT: 14.573 min Scan# 2491

Delta R.T. -0.000 min

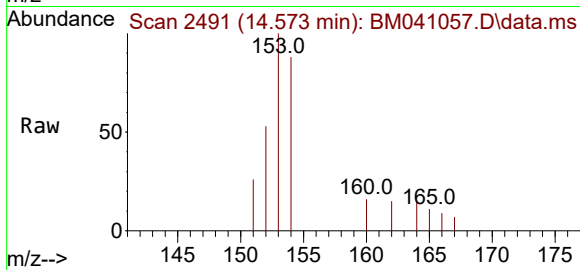
Lab File: BM041057.D

Acq: 22 Jul 2023 16:57

Instrument :

BNA_M

ClientSampleId :



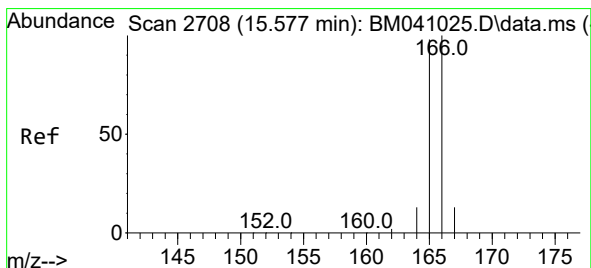
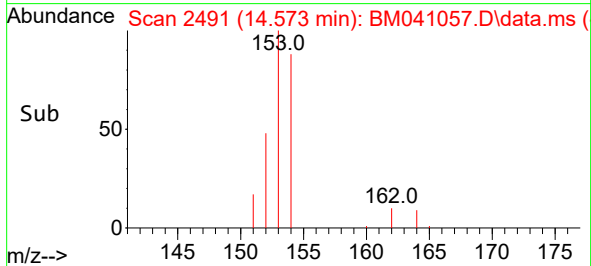
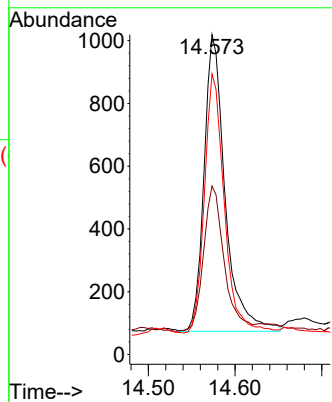
Tgt Ion:153 Resp: 1600

Ion Ratio Lower Upper

153 100

152 52.7 41.0 61.6

154 87.7 68.2 102.2



#12

Fluorene

Concen: 0.049 ng/ul

RT: 15.568 min Scan# 2706

Delta R.T. -0.005 min

Lab File: BM041057.D

Acq: 22 Jul 2023 16:57

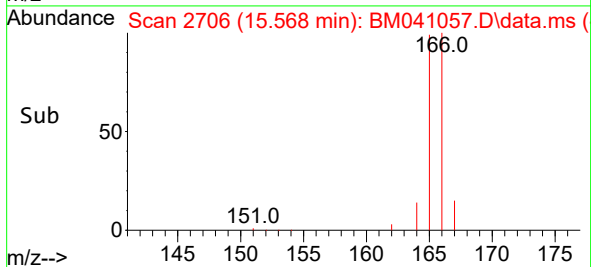
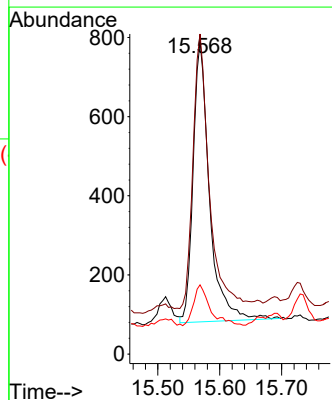
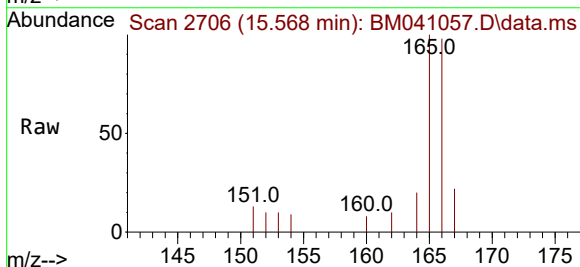
Tgt Ion:166 Resp: 1301

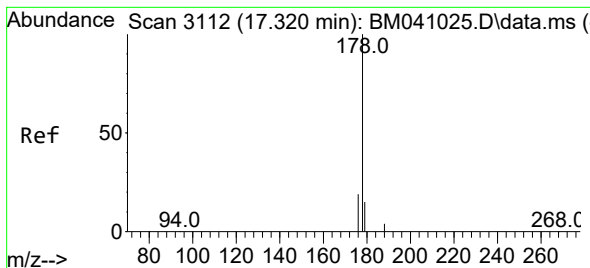
Ion Ratio Lower Upper

166 100

165 102.4 80.3 120.5

167 22.2 11.7 17.5#





#15

Phenanthrene

Concen: 0.472 ng/ul

RT: 17.312 min Scan# 3110

Delta R.T. -0.004 min

Lab File: BM041057.D

Acq: 22 Jul 2023 16:57

Instrument :

BNA_M

ClientSampleId :

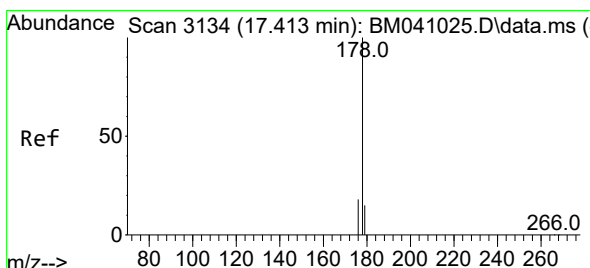
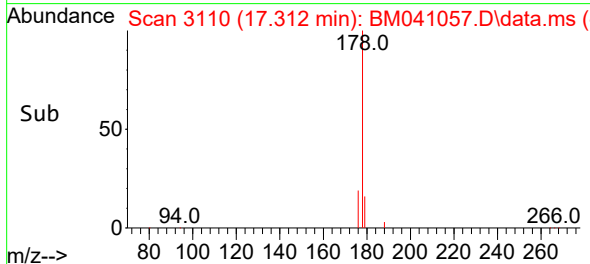
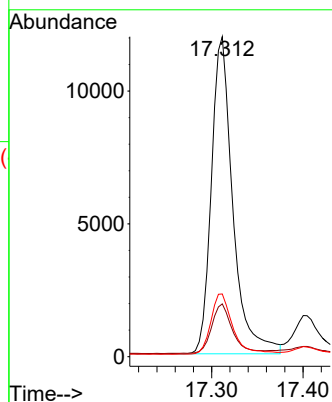
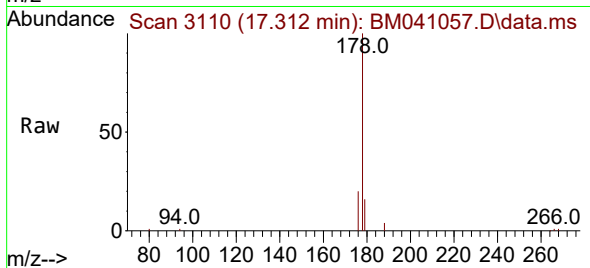
Tgt Ion:178 Resp: 19490

Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.6

176 19.6 16.2 24.4



#16

Anthracene

Concen: 0.090 ng/ul

RT: 17.400 min Scan# 3131

Delta R.T. -0.008 min

Lab File: BM041057.D

Acq: 22 Jul 2023 16:57

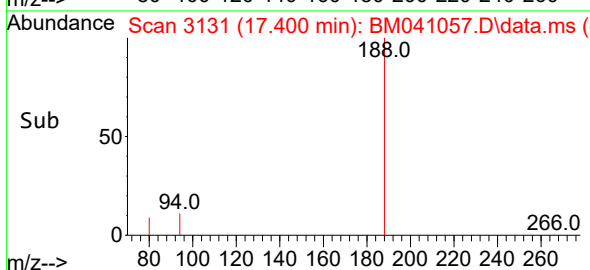
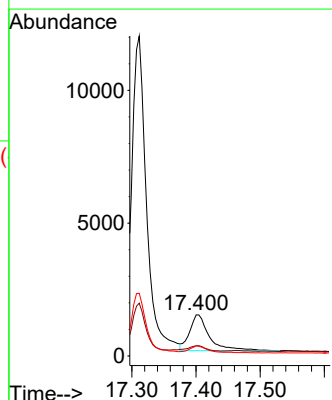
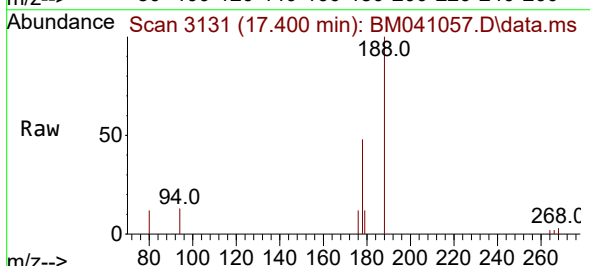
Tgt Ion:178 Resp: 2902

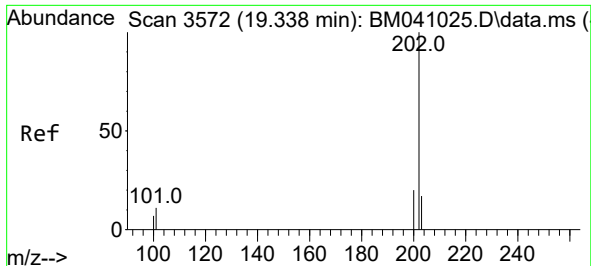
Ion Ratio Lower Upper

178 100

179 24.9 13.7 20.5#

176 24.3 16.4 24.6

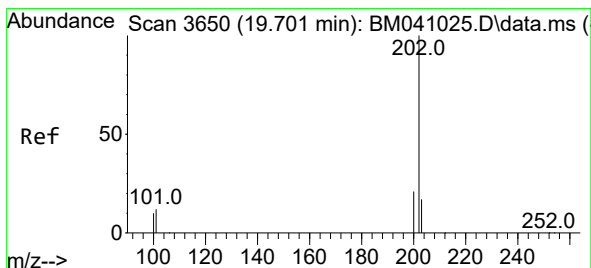
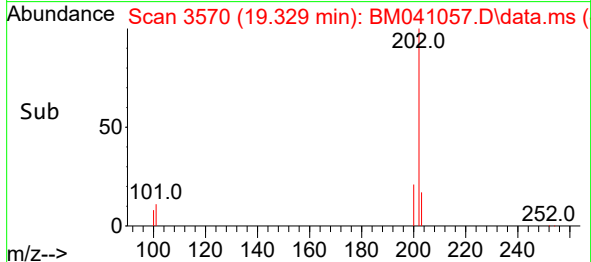
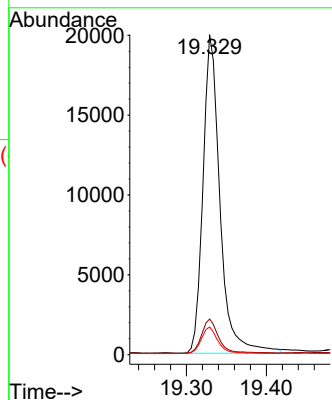
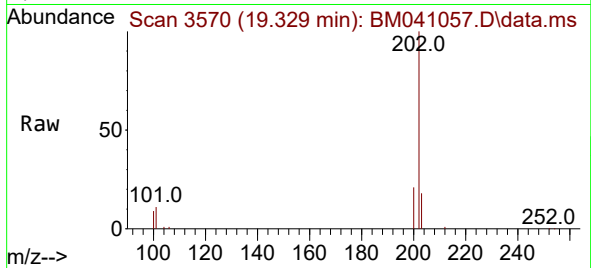




#19
Fluoranthene
Concen: 0.470 ng/ul
RT: 19.329 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BM041057.D
Acq: 22 Jul 2023 16:57

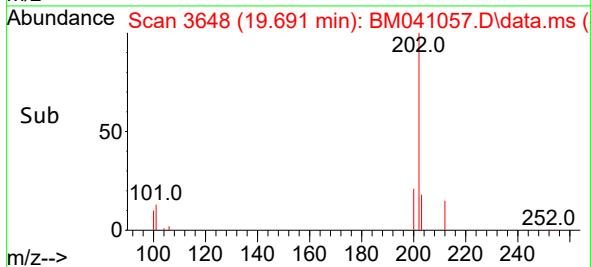
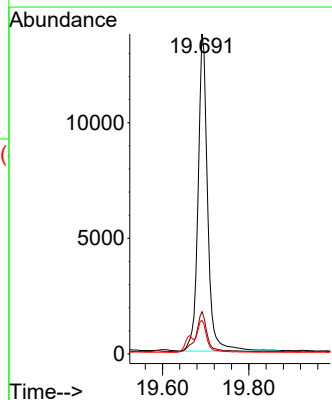
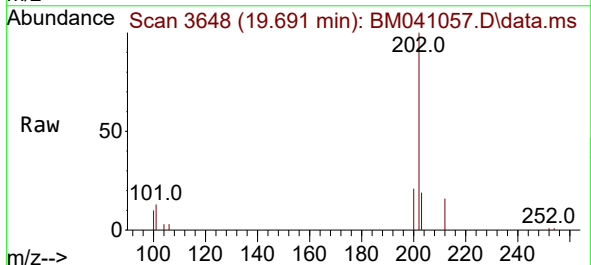
Instrument :
BNA_M
ClientSampleId :

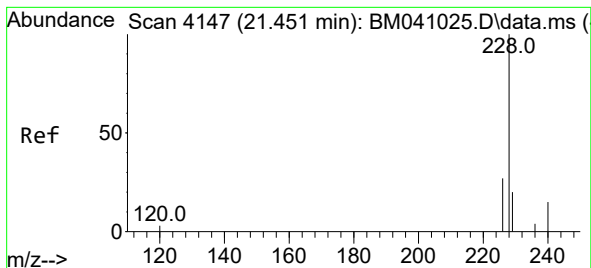
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	11.0	16.4
100	8.7	8.3	12.5



#20
Pyrene
Concen: 0.327 ng/ul
RT: 19.691 min Scan# 3648
Delta R.T. -0.005 min
Lab File: BM041057.D
Acq: 22 Jul 2023 16:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	12.5	18.7
100	10.5	10.0	15.0





#21

Benzo(a)anthracene

Concen: 0.343 ng/ul

RT: 21.448 min Scan# 4146

Delta R.T. 0.000 min

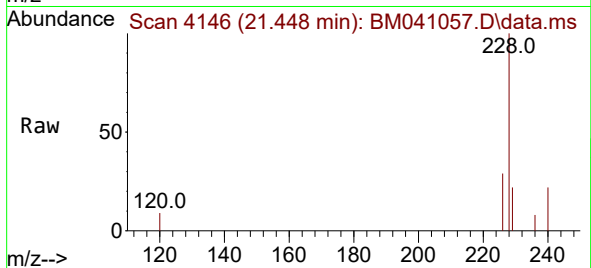
Lab File: BM041057.D

Acq: 22 Jul 2023 16:57

Instrument :

BNA_M

ClientSampleId :



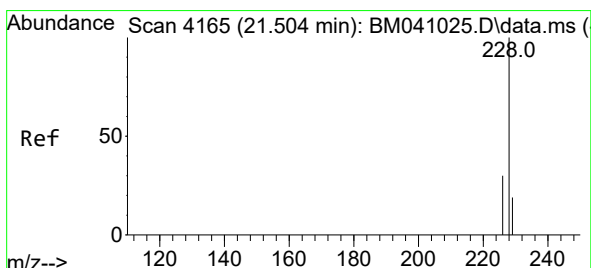
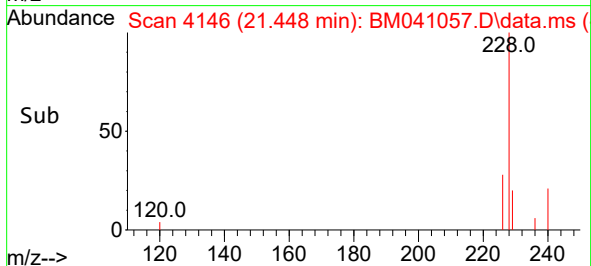
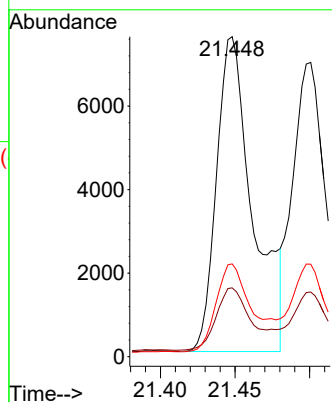
Tgt Ion:228 Resp: 12730

Ion Ratio Lower Upper

228 100

229 21.5 16.2 24.4

226 29.0 22.3 33.5



#22

Chrysene

Concen: 0.254 ng/ul

RT: 21.501 min Scan# 4164

Delta R.T. -0.000 min

Lab File: BM041057.D

Acq: 22 Jul 2023 16:57

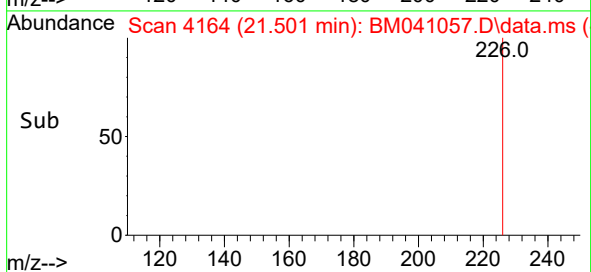
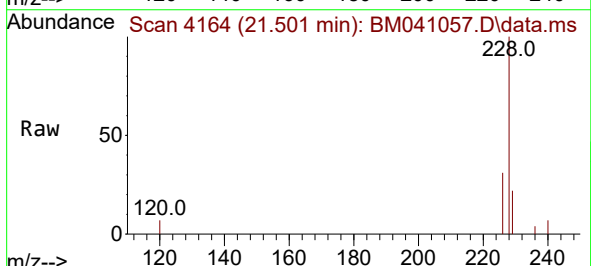
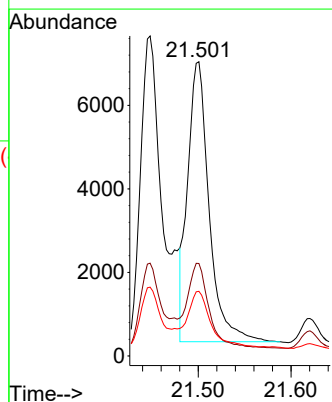
Tgt Ion:228 Resp: 10764

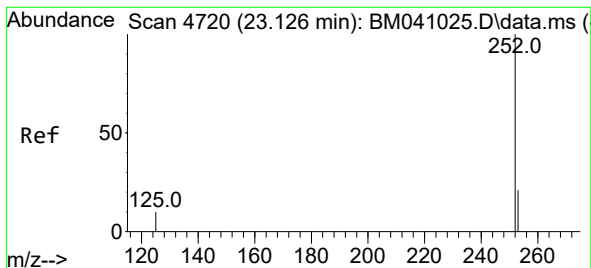
Ion Ratio Lower Upper

228 100

226 31.4 24.6 37.0

229 21.9 16.1 24.1





#24

Benzo(b)fluoranthene

Concen: 0.320 ng/ul

RT: 23.129 min Scan# 4721

Delta R.T. 0.003 min

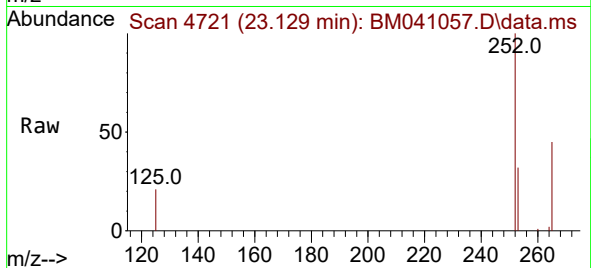
Lab File: BM041057.D

Acq: 22 Jul 2023 16:57

Instrument :

BNA_M

ClientSampleId :



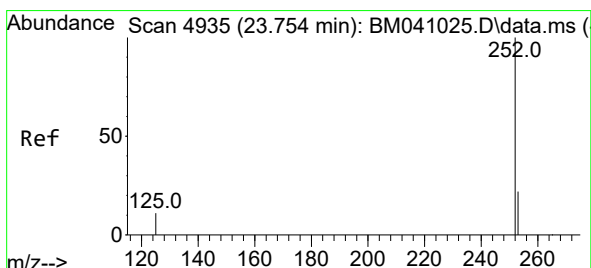
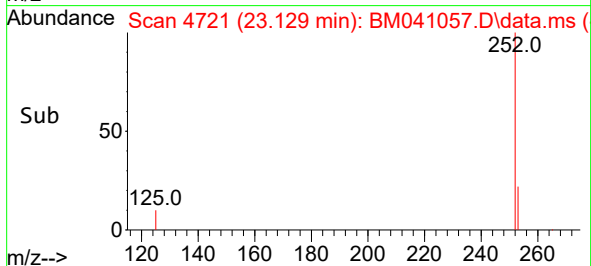
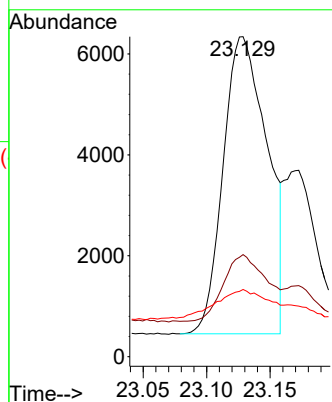
Tgt Ion:252 Resp: 14195

Ion Ratio Lower Upper

252 100

253 31.9 0.0 57.4

125 21.0 0.0 45.2



#26

Benzo(a)pyrene

Concen: 0.131 ng/ul

RT: 23.746 min Scan# 4932

Delta R.T. -0.003 min

Lab File: BM041057.D

Acq: 22 Jul 2023 16:57

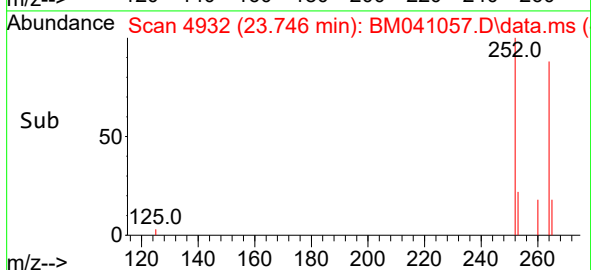
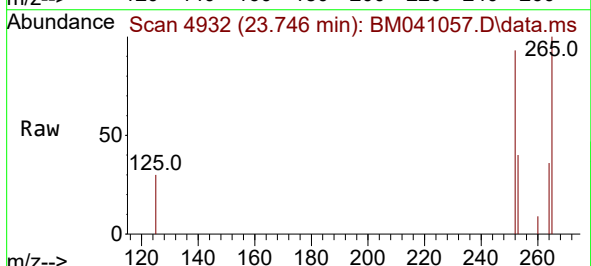
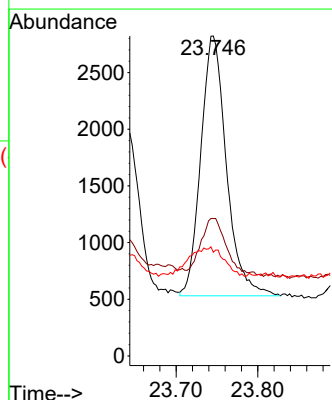
Tgt Ion:252 Resp: 5013

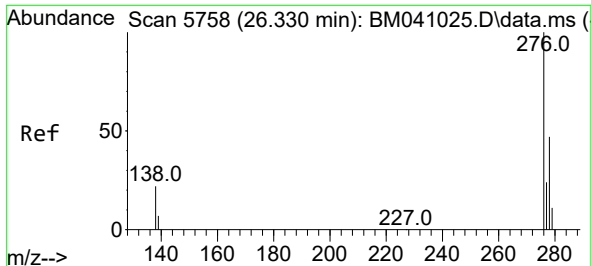
Ion Ratio Lower Upper

252 100

253 43.0 28.2 42.2#

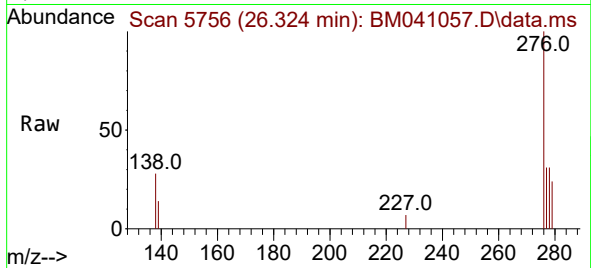
125 32.4 25.2 37.8



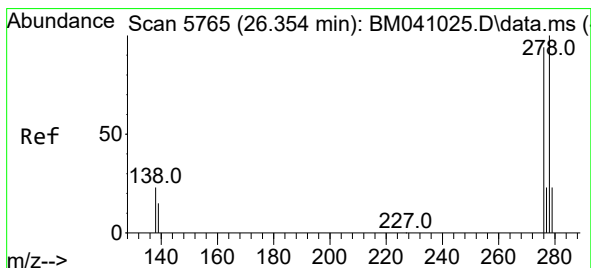
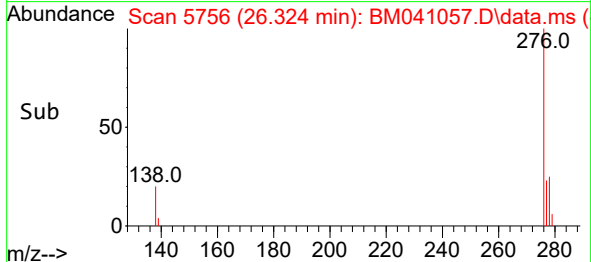
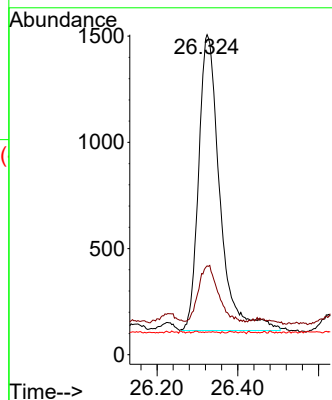


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.099 ng/ul
 RT: 26.324 min Scan# 5756
 Delta R.T. -0.003 min
 Lab File: BM041057.D
 Acq: 22 Jul 2023 16:57

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 5046
 Ion Ratio Lower Upper
 276 100
 138 18.0 22.3 33.5#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.042 ng/ul
 RT: 26.340 min Scan# 5761
 Delta R.T. -0.007 min
 Lab File: BM041057.D
 Acq: 22 Jul 2023 16:57

Tgt Ion:278 Resp: 1594
 Ion Ratio Lower Upper
 278 100
 139 42.4 19.2 28.8#
 279 71.9 27.0 40.6#

