

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040953.D
 Acq On : 18 Jul 2023 14:41
 Operator : MA/JU
 Sample : 03444-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 22:26:57 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 : Tue Jul 18 22:24:09 2023
 Response via : Initial Calibration

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

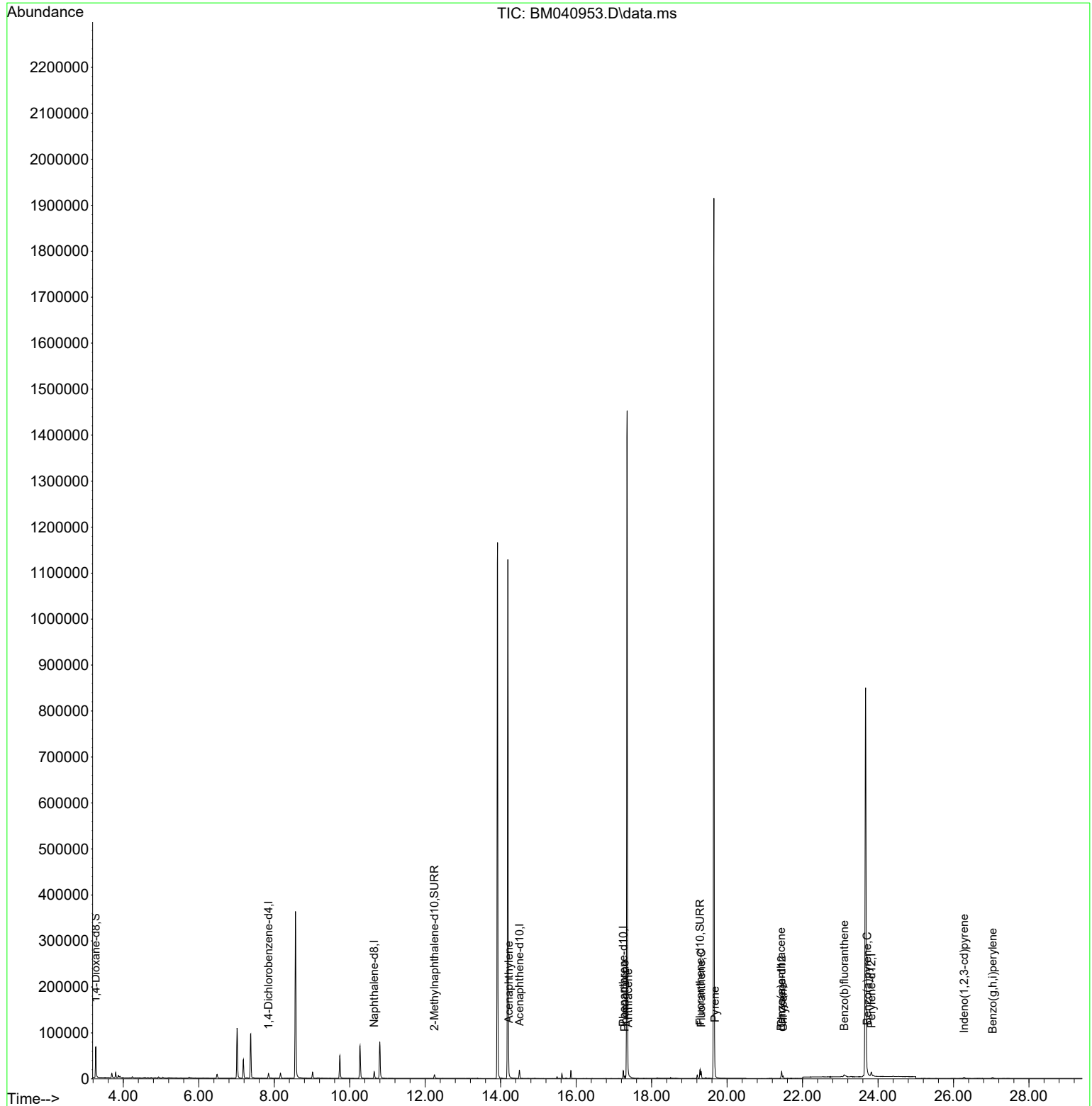
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	5267	0.400	ng/ul	0.00
4) Naphthalene-d8	10.649	136	18899	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.500	164	9823	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.249	188	19530	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	12076	0.400	ng/ul #	0.00
23) Perylene-d12	23.826	264	13165	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.271	96	39343	4.755	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.243	152	11588	0.437	ng/ul	0.00
18) Fluoranthene-d10	19.284	212	19636	0.507	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.218	152	1744	0.040	ng/ul#	85
15) Phenanthrene	17.291	178	5994	0.099	ng/ul	97
16) Anthracene	17.384	178	1557	0.031	ng/ul#	83
19) Fluoranthene	19.316	202	12738	0.248	ng/ul	99
20) Pyrene	19.679	202	15395	0.280	ng/ul	98
21) Benzo(a)anthracene	21.432	228	4843	0.119	ng/ul	93
22) Chrysene	21.484	228	5338	0.115	ng/ul#	93
24) Benzo(b)fluoranthene	23.104	252	7867	0.154	ng/ul	73
26) Benzo(a)pyrene	23.715	252	5568	0.121	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.282	276	4223	0.066	ng/ul#	86
29) Benzo(g,h,i)perylene	27.036	276	4507	0.080	ng/ul	90

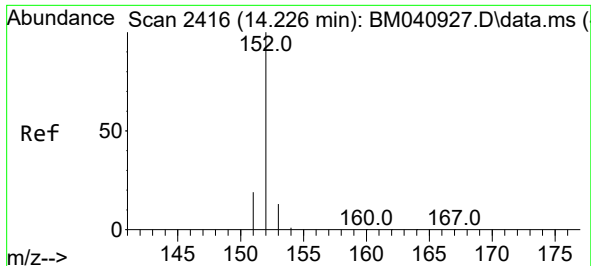
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040953.D
Acq On : 18 Jul 2023 14:41
Operator : MA/JU
Sample : 03444-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

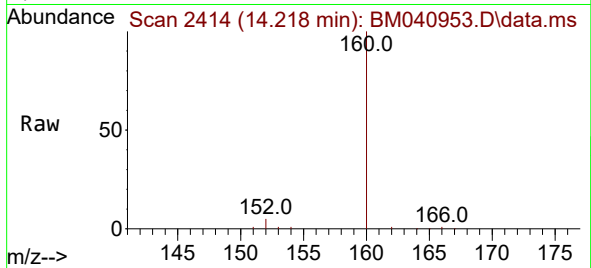
Quant Time: Jul 18 22:26:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 22:24:09 2023
Response via : Initial Calibration



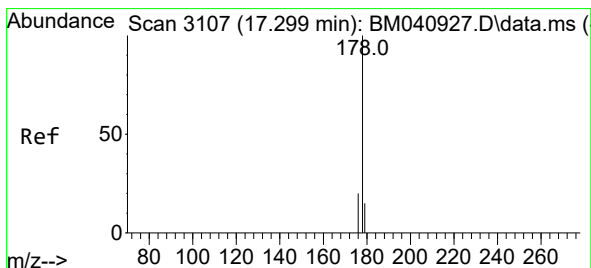
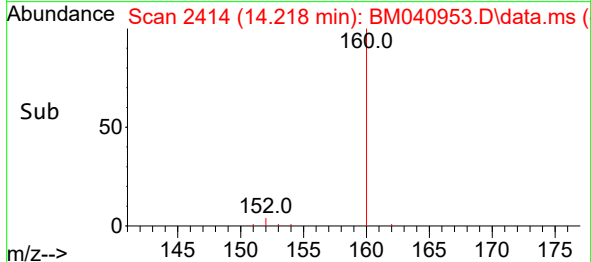
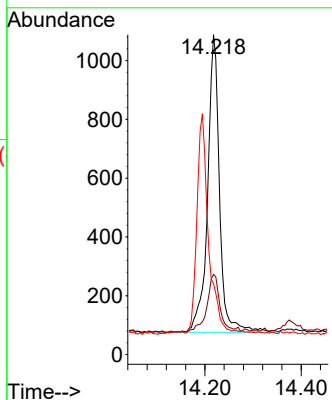


#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.218 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41

Instrument :
BNA_M
ClientSampleId :

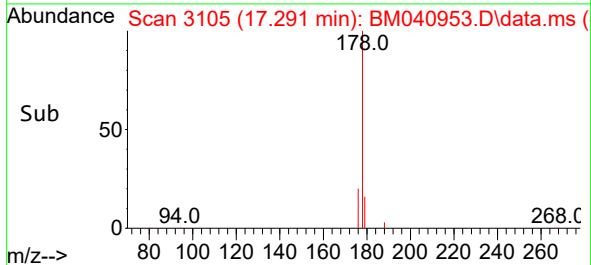
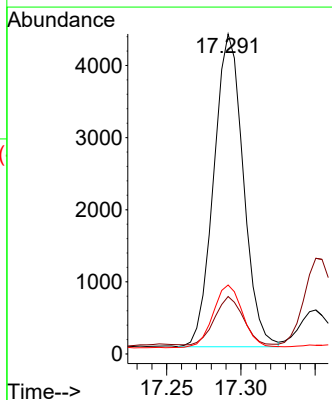
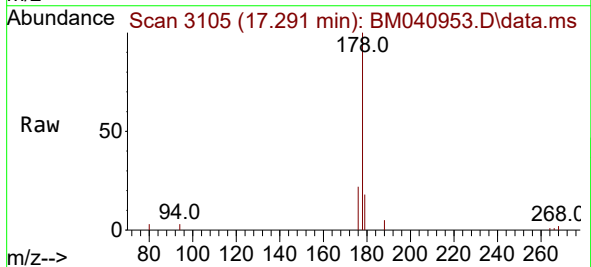


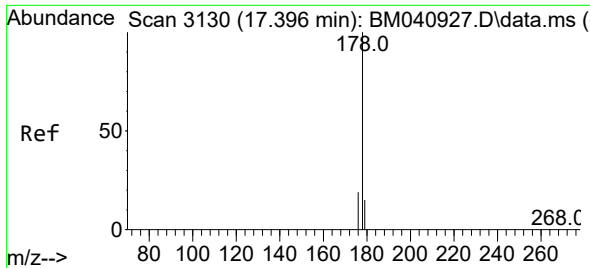
Tgt Ion:152 Resp: 1744
Ion Ratio Lower Upper
152 100
151 25.1 16.2 24.2#
153 22.2 10.9 16.3#



#15
Phenanthrene
Concen: 0.099 ng/ul
RT: 17.291 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41

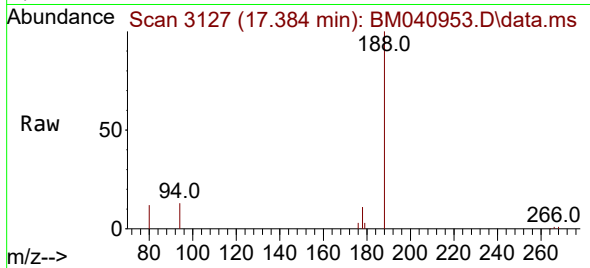
Tgt Ion:178 Resp: 5994
Ion Ratio Lower Upper
178 100
179 17.9 12.8 19.2
176 21.5 16.4 24.6



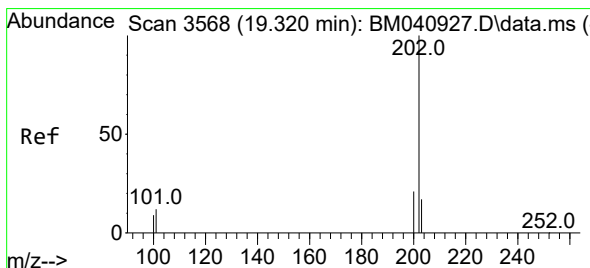
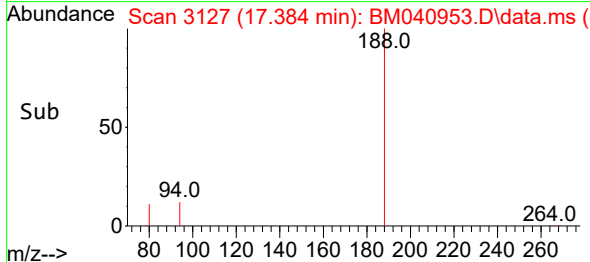
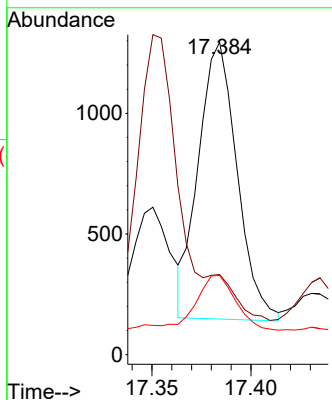


#16
 Anthracene
 Concen: 0.031 ng/ul
 RT: 17.384 min Scan# 3130
 Delta R.T. -0.004 min
 Lab File: BM040953.D
 Acq: 18 Jul 2023 14:41

Instrument :
 BNA_M
 ClientSampleId :

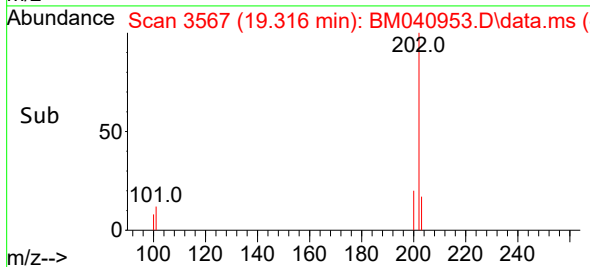
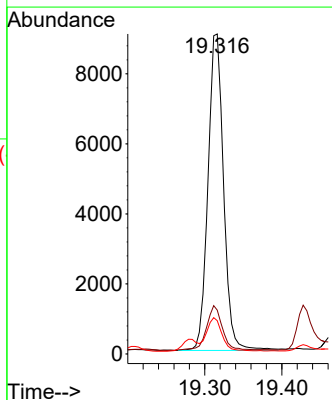
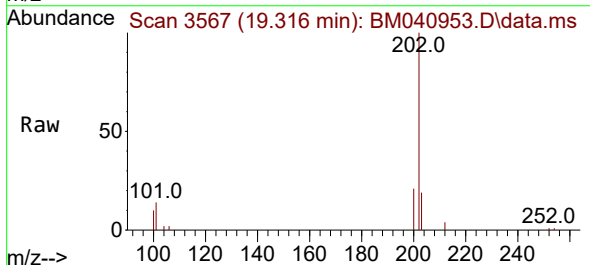


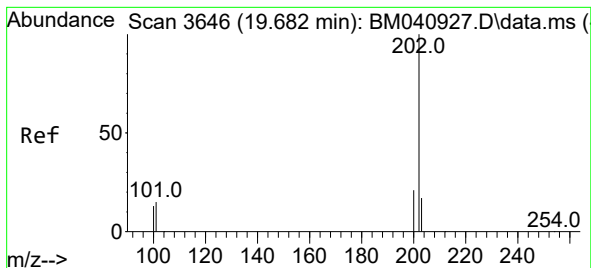
Tgt Ion:178 Resp: 1557
 Ion Ratio Lower Upper
 178 100
 179 25.6 12.9 19.3#
 176 25.3 15.8 23.6#



#19
 Fluoranthene
 Concen: 0.248 ng/ul
 RT: 19.316 min Scan# 3567
 Delta R.T. 0.001 min
 Lab File: BM040953.D
 Acq: 18 Jul 2023 14:41

Tgt Ion:202 Resp: 12738
 Ion Ratio Lower Upper
 202 100
 101 13.7 11.4 17.0
 100 10.4 8.7 13.1





#20

Pyrene

Concen: 0.280 ng/ul

RT: 19.679 min Scan# 3

Delta R.T. 0.001 min

Lab File: BM040953.D

Acq: 18 Jul 2023 14:41

Instrument :

BNA_M

ClientSampleId :

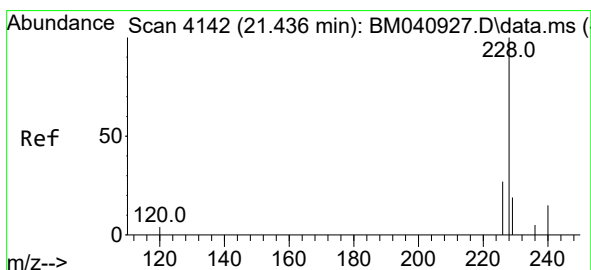
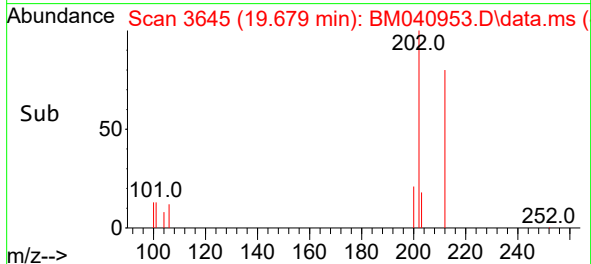
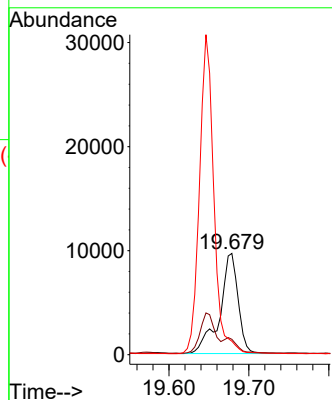
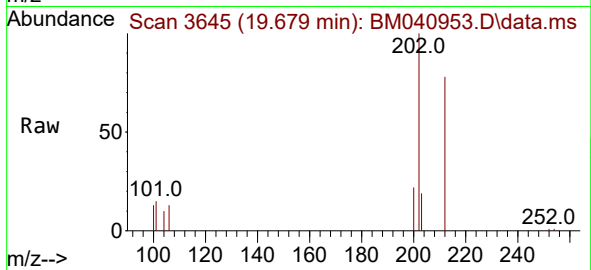
Tgt Ion:202 Resp: 15395

Ion Ratio Lower Upper

202 100

101 15.1 12.6 18.8

100 13.3 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.119 ng/ul

RT: 21.432 min Scan# 4140

Delta R.T. 0.004 min

Lab File: BM040953.D

Acq: 18 Jul 2023 14:41

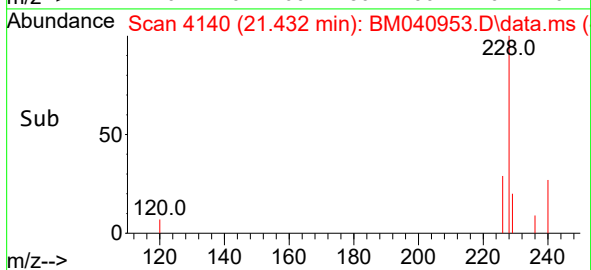
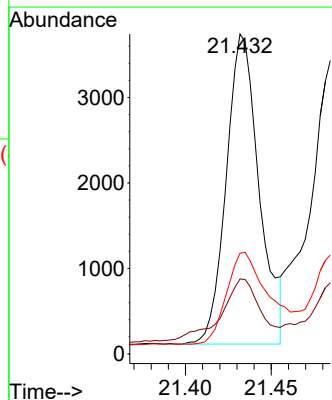
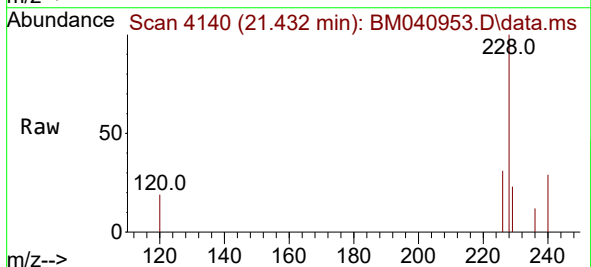
Tgt Ion:228 Resp: 4843

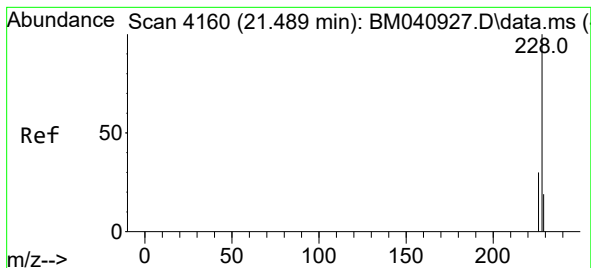
Ion Ratio Lower Upper

228 100

229 23.5 16.0 24.0

226 31.5 22.3 33.5





#22

Chrysene

Concen: 0.115 ng/ul

RT: 21.484 min Scan# 4158

Delta R.T. 0.004 min

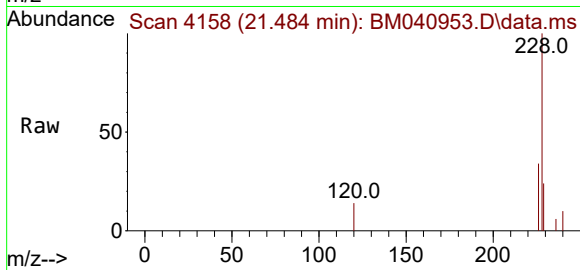
Lab File: BM040953.D

Acq: 18 Jul 2023 14:41

Instrument :

BNA_M

ClientSampleId :



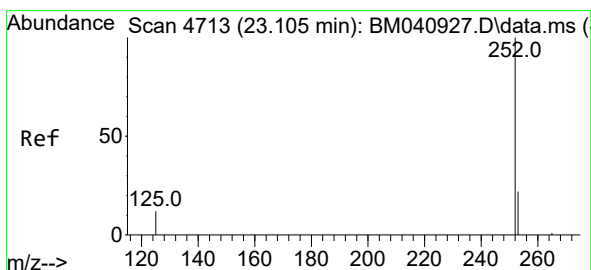
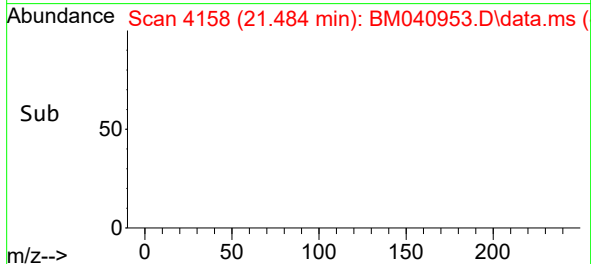
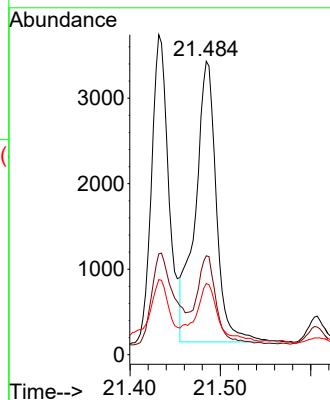
Tgt Ion:228 Resp: 5338

Ion Ratio Lower Upper

228 100

226 33.7 24.9 37.3

229 24.3 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.154 ng/ul

RT: 23.104 min Scan# 4712

Delta R.T. 0.007 min

Lab File: BM040953.D

Acq: 18 Jul 2023 14:41

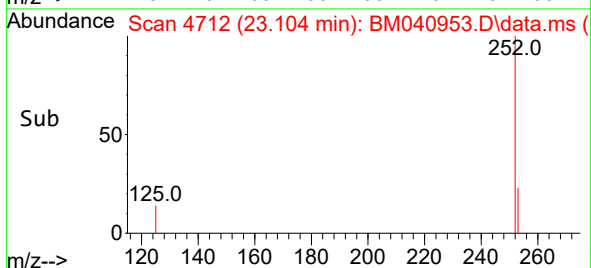
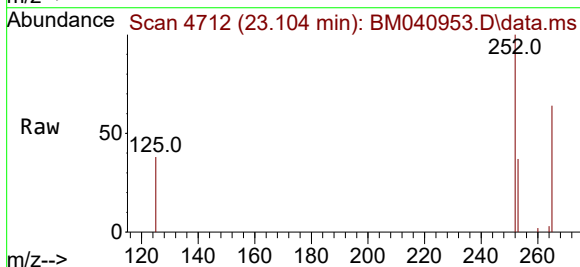
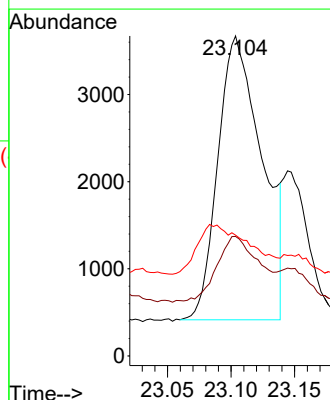
Tgt Ion:252 Resp: 7867

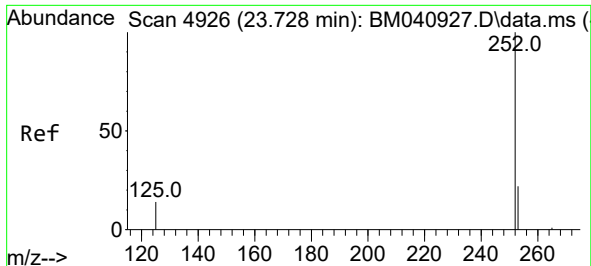
Ion Ratio Lower Upper

252 100

253 37.4 0.0 52.8

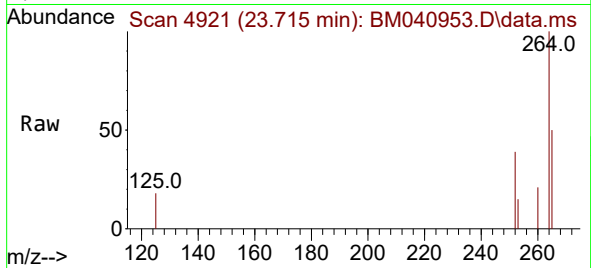
125 37.7 0.0 43.0



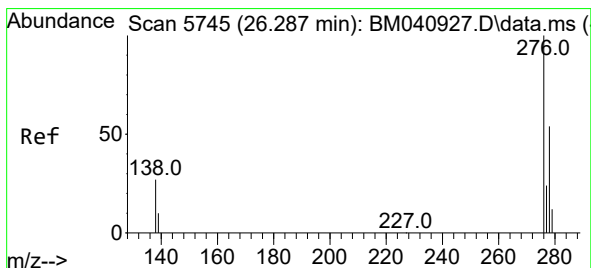
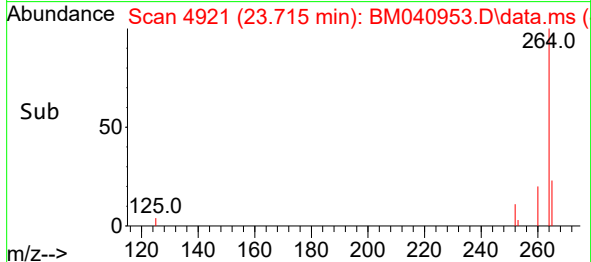
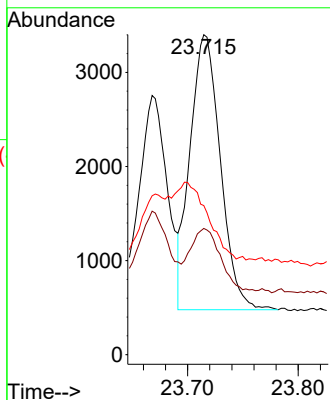


#26
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.715 min Scan# 4921
Delta R.T. 0.001 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41

Instrument :
BNA_M
ClientSampleId :

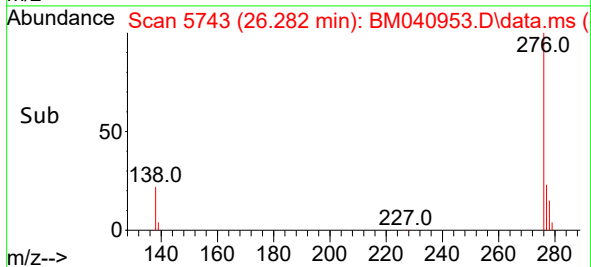
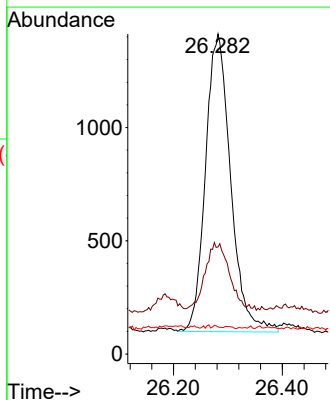
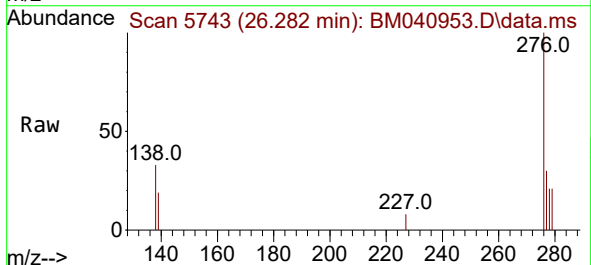


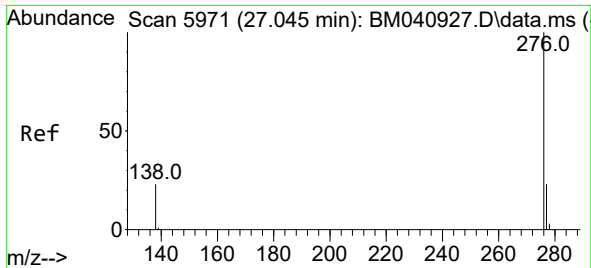
Tgt Ion:252 Resp: 5568
Ion Ratio Lower Upper
252 100
253 39.5 22.9 34.3#
125 46.6 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.066 ng/ul
RT: 26.282 min Scan# 5743
Delta R.T. 0.012 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41

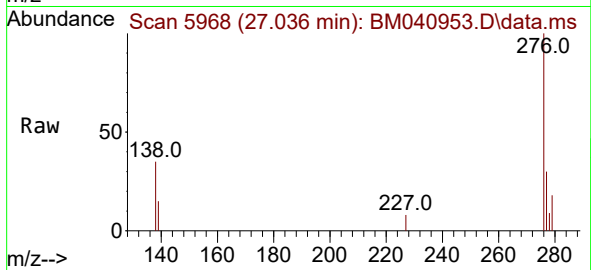
Tgt Ion:276 Resp: 4223
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7#
227 0.4 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.080 ng/ul
 RT: 27.036 min Scan# 5968
 Delta R.T. 0.015 min
 Lab File: BM040953.D
 Acq: 18 Jul 2023 14:41

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	4507
Ion Ratio	Lower	Upper	
276	100		
138	34.5	23.0	34.6
277	29.9	20.3	30.5

