

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038074.D
 Acq On : 16 Dec 2022 19:29
 Operator : CG/JU
 Sample : N5925-13
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXW7

Quant Time: Dec 16 23:21:43 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

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

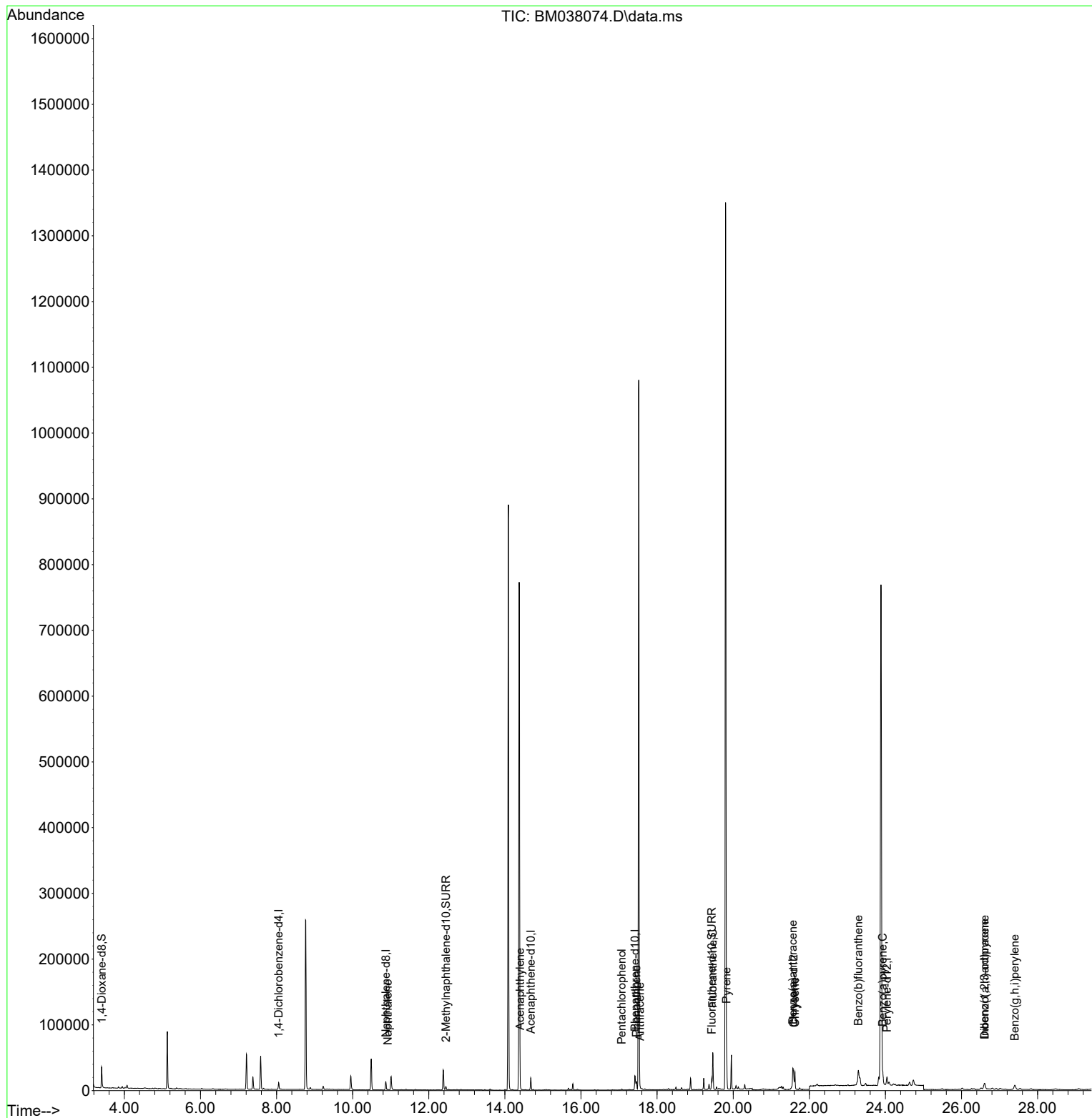
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	5101	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	16360	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	9749	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	21688	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	17582	0.400	ng/ul	# 0.00
23) Perylene-d12	24.041	264	17181	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	21058	3.020	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	6222	0.261	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	15799	0.248	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	1264	0.026	ng/ul#	79
10) Acenaphthylene	14.402	152	2668	0.052	ng/ul#	87
14) Pentachlorophenol	17.071	266	1077	0.120	ng/ul	97
15) Phenanthrene	17.460	178	11556	0.158	ng/ul#	84
16) Anthracene	17.552	178	3042	0.045	ng/ul#	84
19) Fluoranthene	19.464	202	44557	0.491	ng/ul	99
20) Pyrene	19.826	202	41010	0.442	ng/ul	98
21) Benzo(a)anthracene	21.565	228	22800	0.300	ng/ul#	94
22) Chrysene	21.621	228	26126	0.341	ng/ul#	95
24) Benzo(b)fluoranthene	23.287	252	39236	0.482	ng/ul	96
26) Benzo(a)pyrene	23.930	252	23034	0.336	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.605	276	16793	0.195	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.612	278	4119	0.061	ng/ul#	52
29) Benzo(g,h,i)perylene	27.400	276	15043	0.206	ng/ul	97

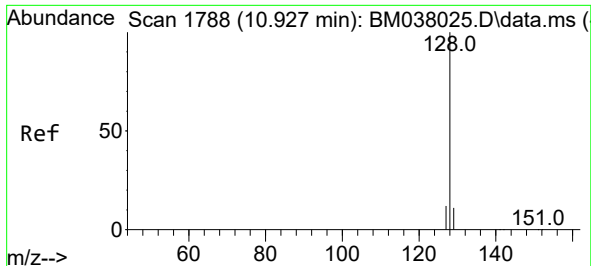
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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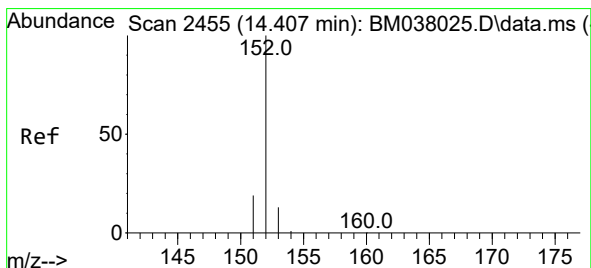
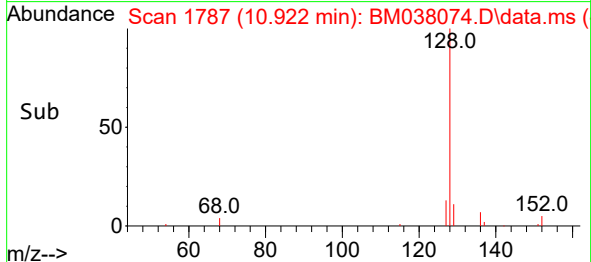
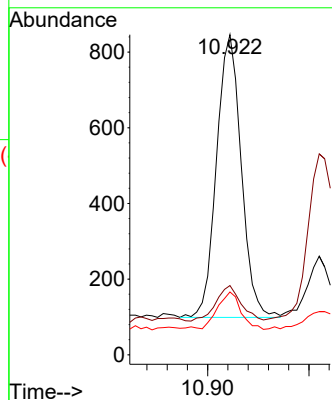
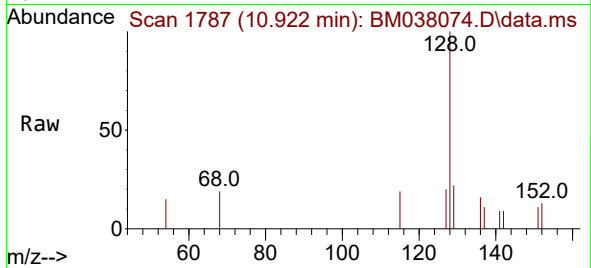




#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.922 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM038074.D
Acq: 16 Dec 2022 19:29

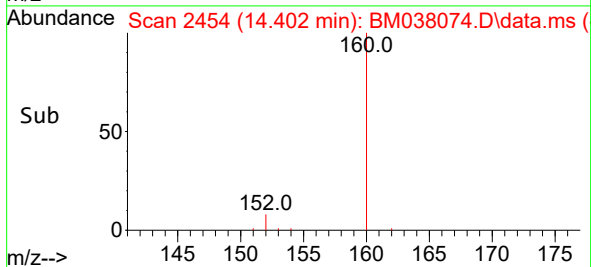
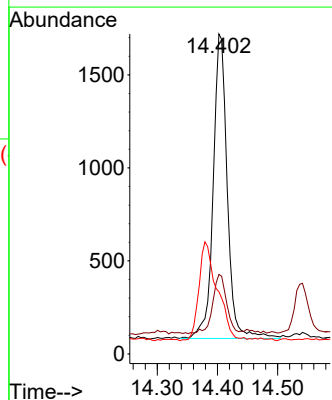
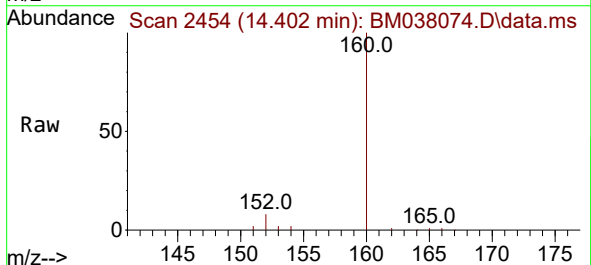
Instrument :
BNA_M
ClientSampleId :
DBXW7

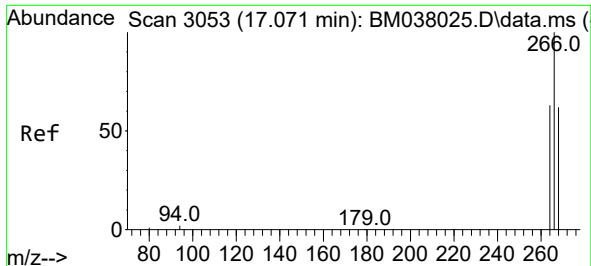
Tgt Ion:128 Resp: 1264
Ion Ratio Lower Upper
128 100
129 21.6 9.1 13.7#
127 19.6 10.4 15.6#



#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM038074.D
Acq: 16 Dec 2022 19:29

Tgt Ion:152 Resp: 2668
Ion Ratio Lower Upper
152 100
151 24.8 15.5 23.3#
153 19.4 11.0 16.4#

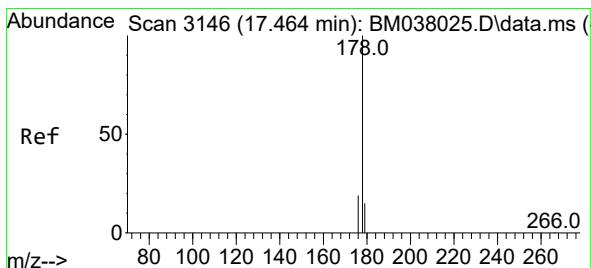
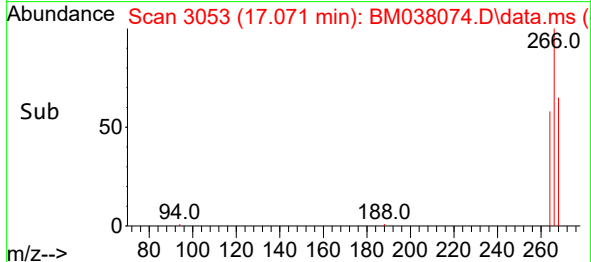
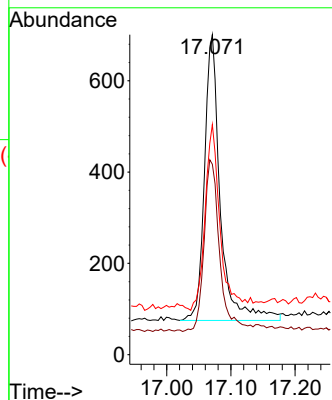
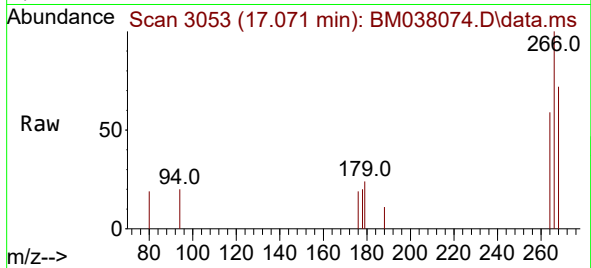




#14
 Pentachlorophenol
 Concen: 0.120 ng/ul
 RT: 17.071 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: BM038074.D
 Acq: 16 Dec 2022 19:29

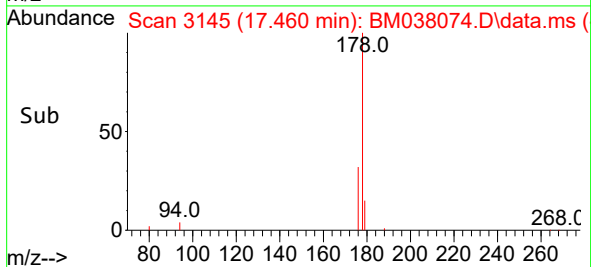
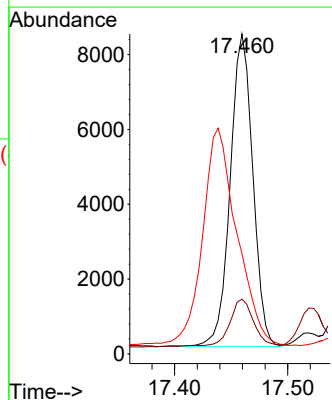
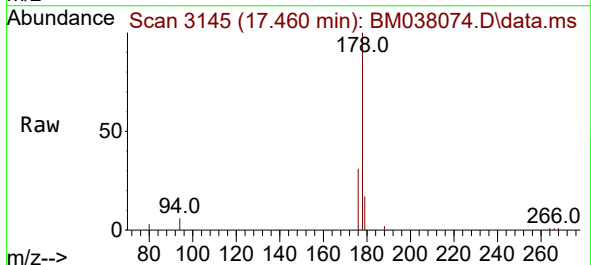
Instrument :
 BNA_M
 ClientSampleId :
 DBXW7

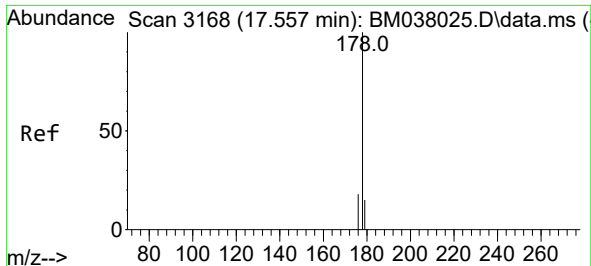
Tgt Ion:266 Resp: 1077
 Ion Ratio Lower Upper
 266 100
 264 59.1 49.9 74.9
 268 64.3 52.0 78.0



#15
 Phenanthrene
 Concen: 0.158 ng/ul
 RT: 17.460 min Scan# 3145
 Delta R.T. -0.004 min
 Lab File: BM038074.D
 Acq: 16 Dec 2022 19:29

Tgt Ion:178 Resp: 11556
 Ion Ratio Lower Upper
 178 100
 179 17.1 12.6 19.0
 176 31.4 15.8 23.6#

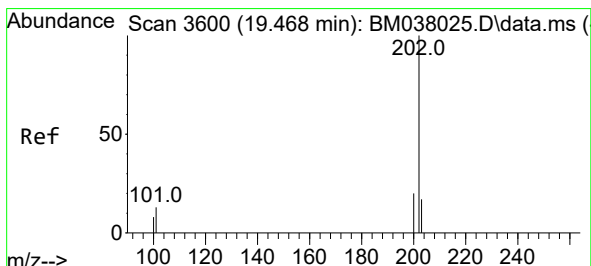
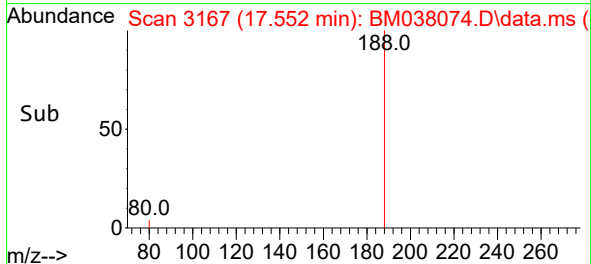
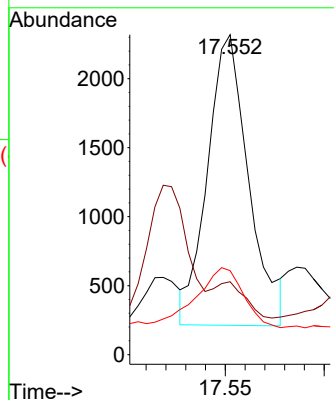
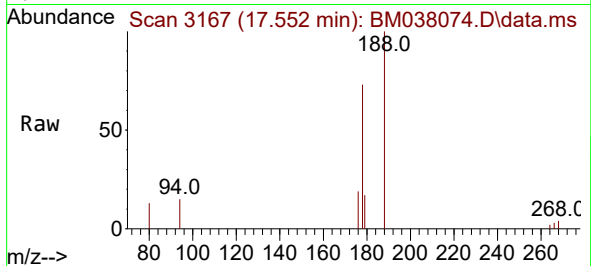




#16
 Anthracene
 Concen: 0.045 ng/ul
 RT: 17.552 min Scan# 3167
 Delta R.T. -0.004 min
 Lab File: BM038074.D
 Acq: 16 Dec 2022 19:29

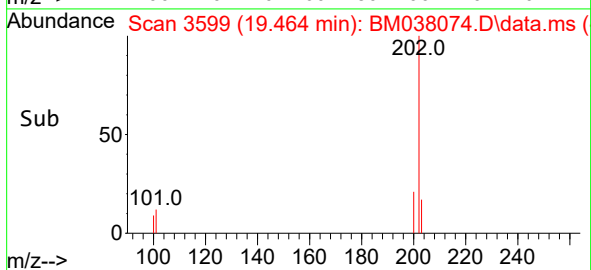
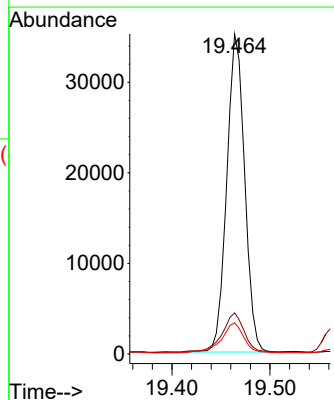
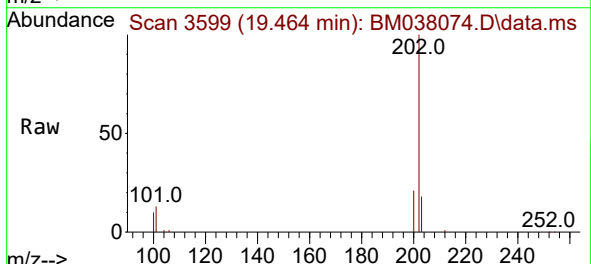
Instrument :
 BNA_M
 ClientSampleId :
 DBXW7

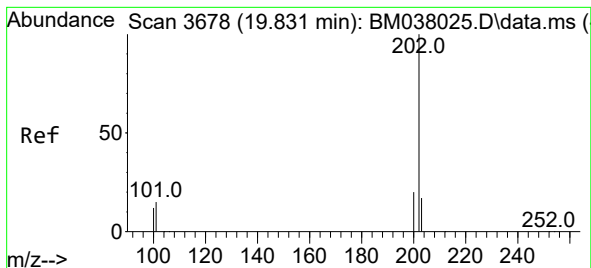
Tgt Ion:178 Resp: 3042
 Ion Ratio Lower Upper
 178 100
 179 22.8 13.0 19.4#
 176 26.2 15.0 22.4#



#19
 Fluoranthene
 Concen: 0.491 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.005 min
 Lab File: BM038074.D
 Acq: 16 Dec 2022 19:29

Tgt Ion:202 Resp: 44557
 Ion Ratio Lower Upper
 202 100
 101 12.8 10.6 15.8
 100 9.7 7.9 11.9





#20

Pyrene

Concen: 0.442 ng/ul

RT: 19.826 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM038074.D

Acq: 16 Dec 2022 19:29

Instrument :

BNA_M

ClientSampleId :

DBXW7

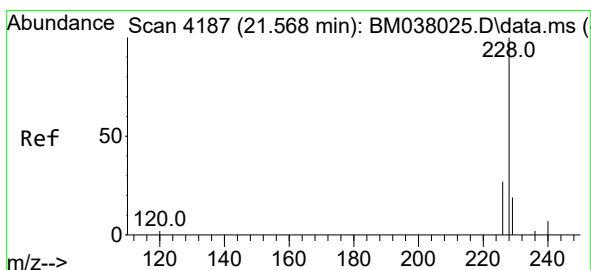
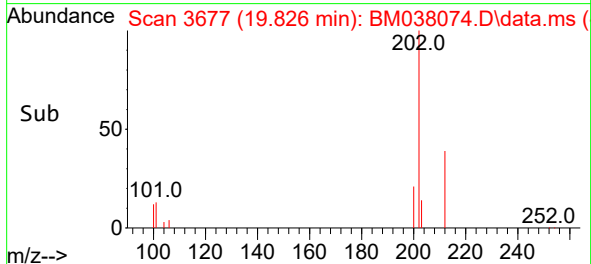
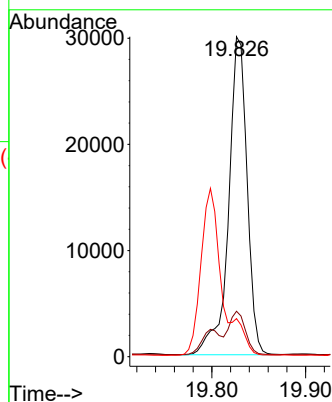
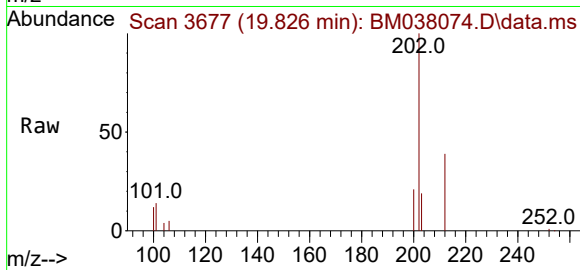
Tgt Ion:202 Resp: 41010

Ion Ratio Lower Upper

202 100

101 14.2 12.1 18.1

100 11.9 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.300 ng/ul

RT: 21.565 min Scan# 4186

Delta R.T. -0.003 min

Lab File: BM038074.D

Acq: 16 Dec 2022 19:29

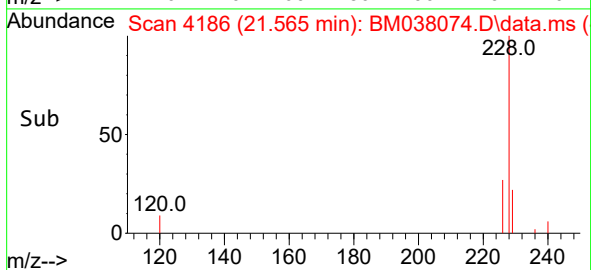
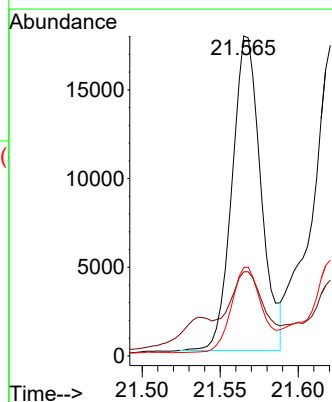
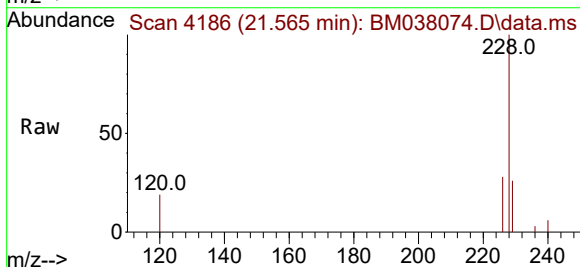
Tgt Ion:228 Resp: 22800

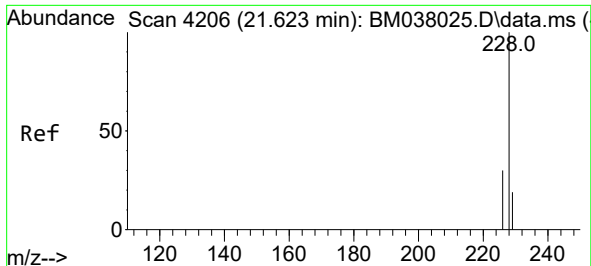
Ion Ratio Lower Upper

228 100

229 26.3 15.9 23.9#

226 27.6 22.1 33.1





#22

Chrysene

Concen: 0.341 ng/ul

RT: 21.621 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM038074.D

Acq: 16 Dec 2022 19:29

Instrument :

BNA_M

ClientSampleId :

DBXW7

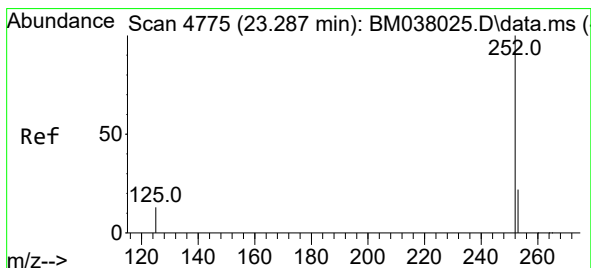
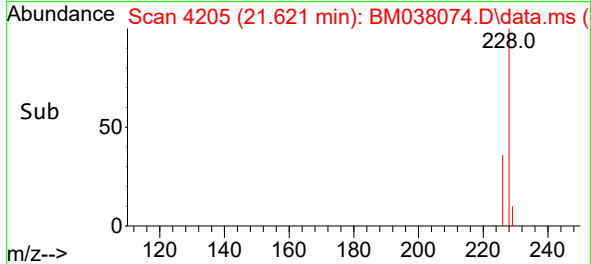
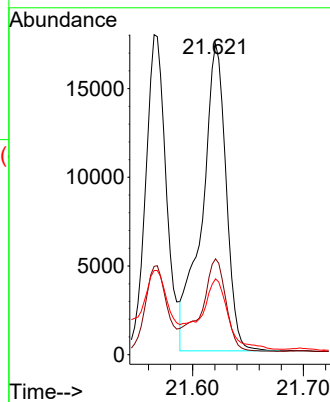
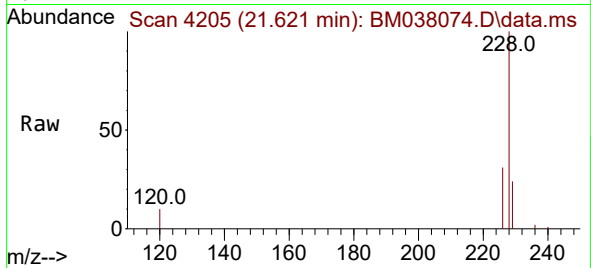
Tgt Ion:228 Resp: 26126

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

229 24.4 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.482 ng/ul

RT: 23.287 min Scan# 4775

Delta R.T. 0.000 min

Lab File: BM038074.D

Acq: 16 Dec 2022 19:29

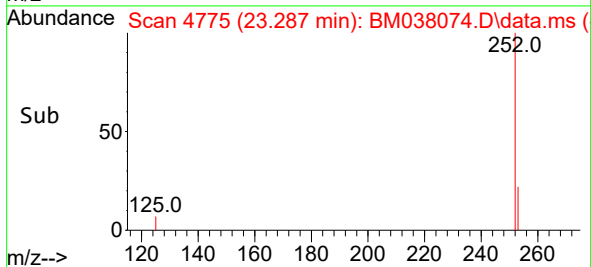
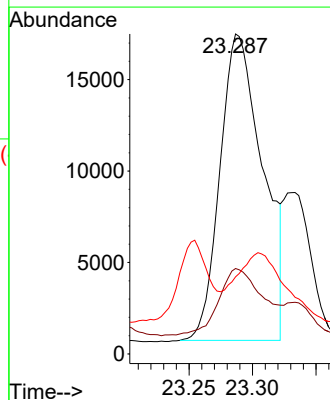
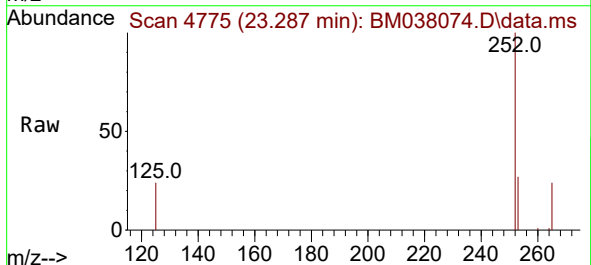
Tgt Ion:252 Resp: 39236

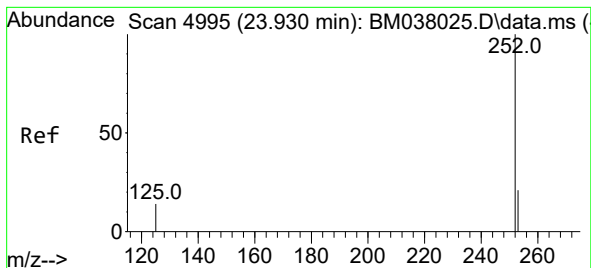
Ion Ratio Lower Upper

252 100

253 26.7 0.0 51.8

125 24.1 0.0 42.2





#26

Benzo(a)pyrene

Concen: 0.336 ng/ul

RT: 23.930 min Scan# 4995

Delta R.T. 0.000 min

Lab File: BM038074.D

Acq: 16 Dec 2022 19:29

Instrument :

BNA_M

ClientSampleId :

DBXW7

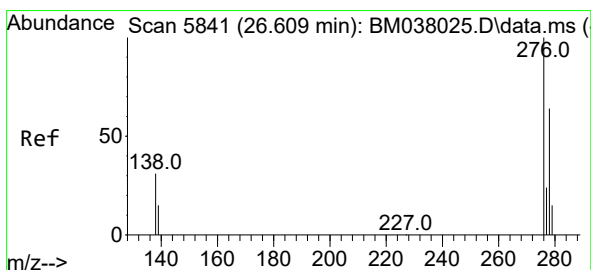
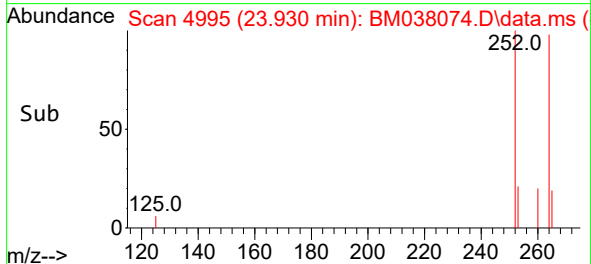
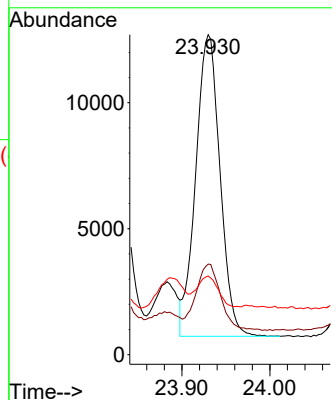
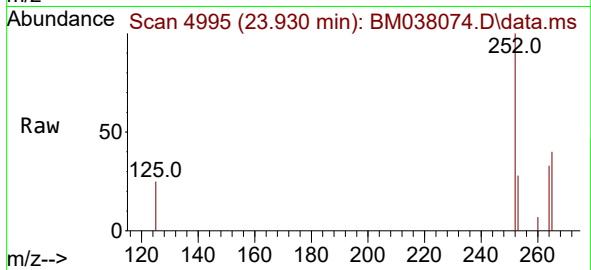
Tgt Ion:252 Resp: 23034

Ion Ratio Lower Upper

252 100

253 28.3 21.9 32.9

125 24.6 20.7 31.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.195 ng/ul

RT: 26.605 min Scan# 5840

Delta R.T. -0.003 min

Lab File: BM038074.D

Acq: 16 Dec 2022 19:29

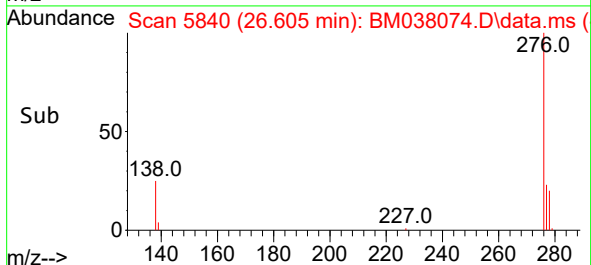
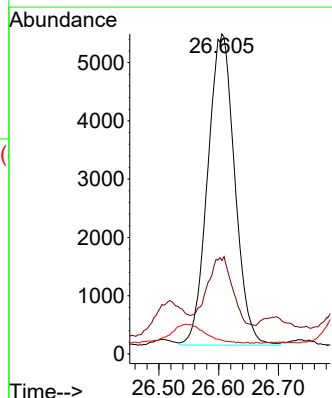
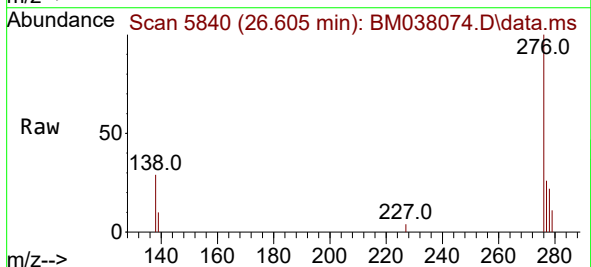
Tgt Ion:276 Resp: 16793

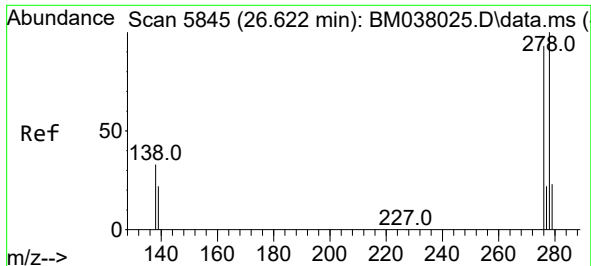
Ion Ratio Lower Upper

276 100

138 24.1 26.6 40.0#

227 0.0 0.1 0.1#

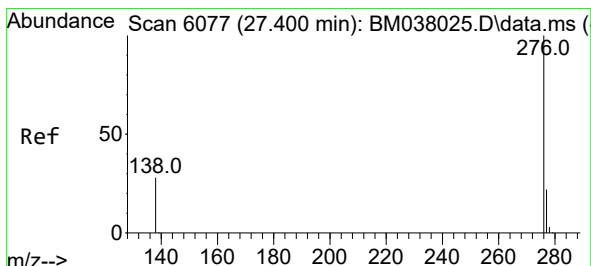
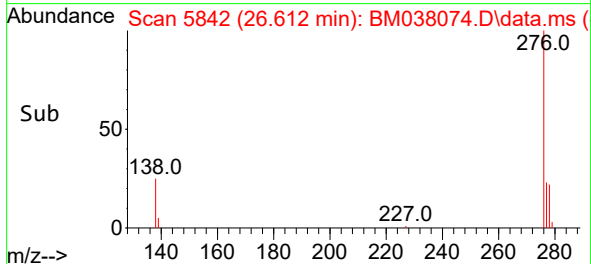
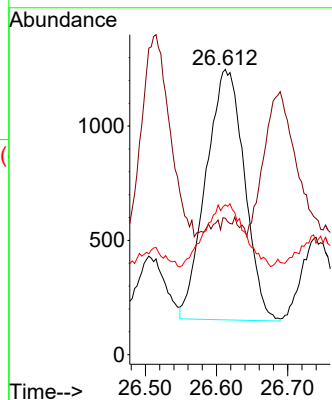
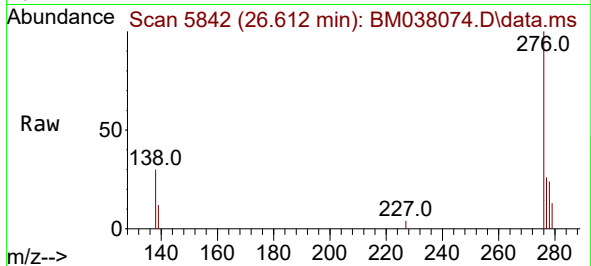




#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. -0.010 min
Lab File: BM038074.D
Acq: 16 Dec 2022 19:29

Instrument :
BNA_M
ClientSampleId :
DBXW7

Tgt Ion:278 Resp: 4119
Ion Ratio Lower Upper
278 100
139 47.8 19.0 28.6#
279 52.6 22.4 33.6#



#29
Benzo(g,h,i)perylene
Concen: 0.206 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038074.D
Acq: 16 Dec 2022 19:29

Tgt Ion:276 Resp: 15043
Ion Ratio Lower Upper
276 100
138 31.0 24.1 36.1
277 26.5 19.0 28.6

