

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038980.D
 Acq On : 10 Mar 2023 14:26
 Operator : CG/JU
 Sample : 01784-07DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAD9DL

Quant Time: Mar 10 23:15:50 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

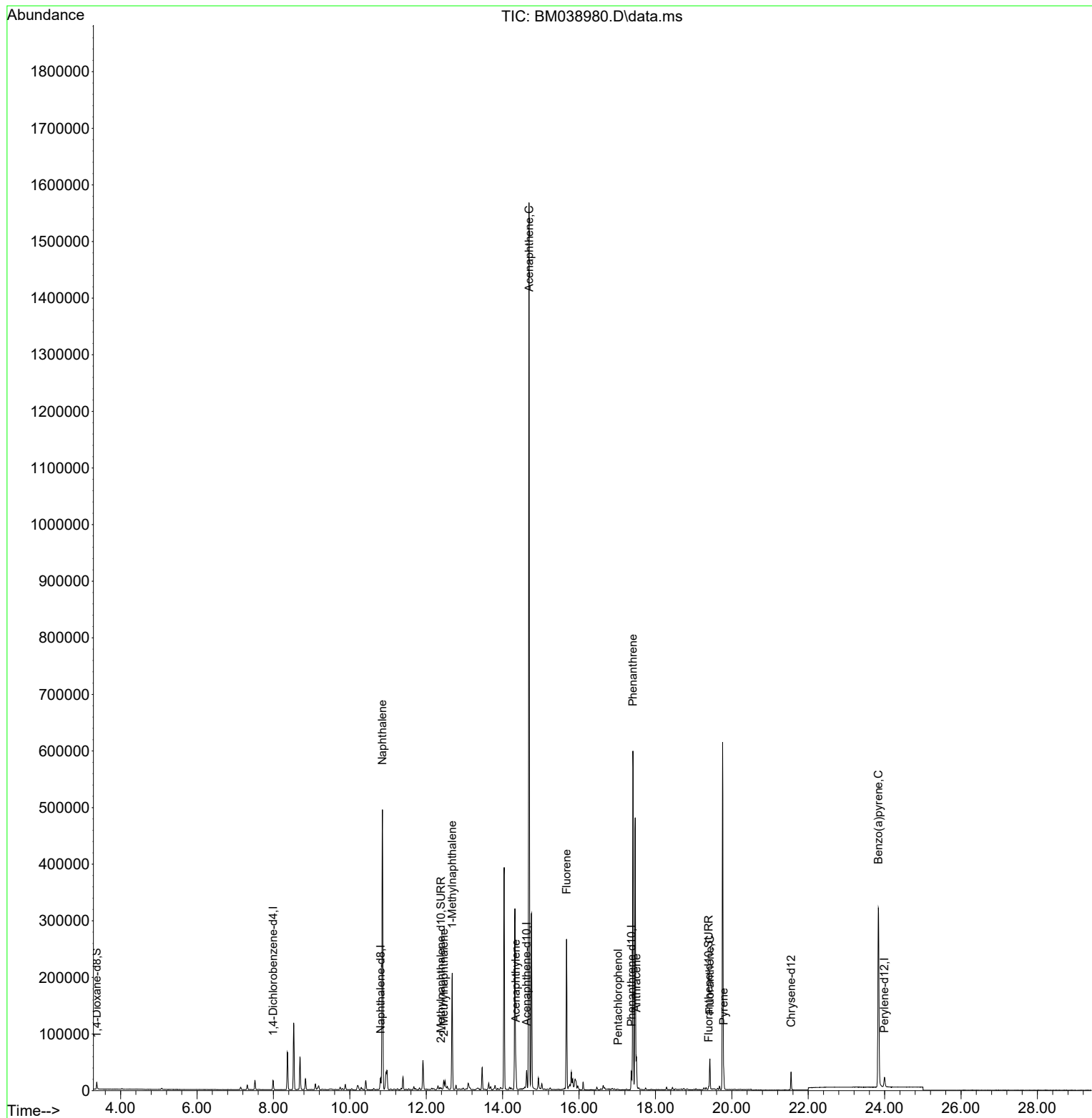
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	7891	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	28105	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.627	164	17235	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.369	188	36096	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	27893	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	23818	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	8108	0.908	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.388	152	2640	0.078	ng/ul	0.00
18) Fluoranthene-d10	19.392	212	5929	0.089	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	647887	9.642	ng/ul	99
7) 2-Methylnaphthalene	12.459	142	10688	0.262	ng/ul	100
8) 1-Methylnaphthalene	12.679	142	132806	3.105	ng/ul	99
10) Acenaphthylene	14.349	152	36958	0.590	ng/ul	97
11) Acenaphthene	14.691	153	845081	16.396	ng/ul	94
12) Fluorene	15.672	166	158751	2.728	ng/ul	99
14) Pentachlorophenol	17.018	266	279	0.032	ng/ul	98
15) Phenanthrene	17.411	178	610775	6.401	ng/ul	99
16) Anthracene	17.504	178	53578	0.682	ng/ul	100
19) Fluoranthene	19.425	202	43951	0.465	ng/ul	99
20) Pyrene	19.787	202	25940	0.267	ng/ul	98
26) Benzo(a)pyrene	23.839	252	1894	0.026	ng/ul#	1

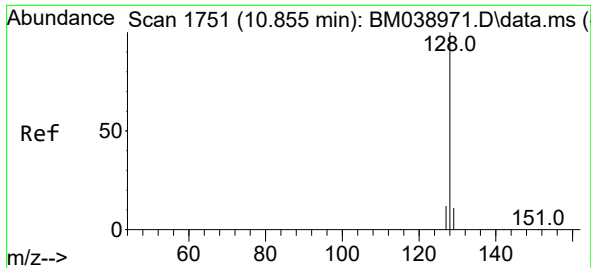
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
Data File : BM038980.D
Acq On : 10 Mar 2023 14:26
Operator : CG/JU
Sample : 01784-07DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAD9DL

Quant Time: Mar 10 23:15:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 13:36:03 2023
Response via : Initial Calibration

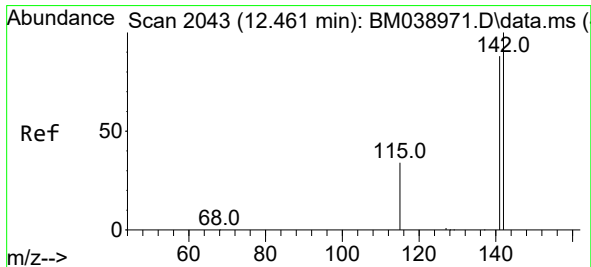
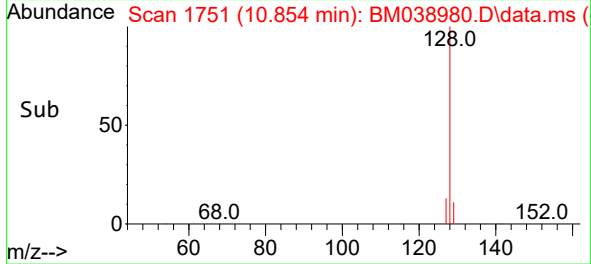
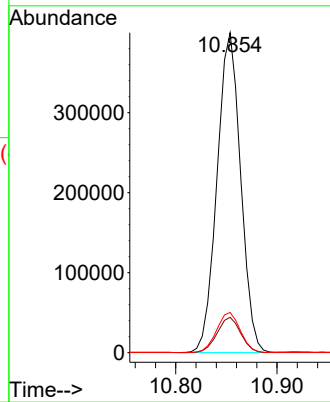
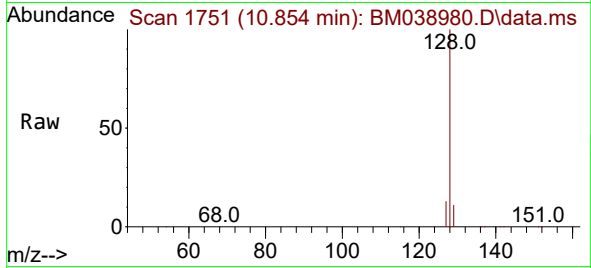




#5
Naphthalene
Concen: 9.642 ng/ul
RT: 10.854 min Scan# 1751
Delta R.T. -0.002 min
Lab File: BM038980.D
Acq: 10 Mar 2023 14:26

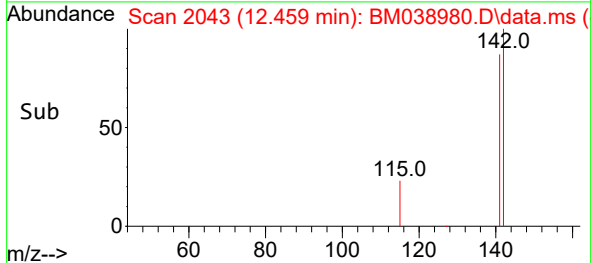
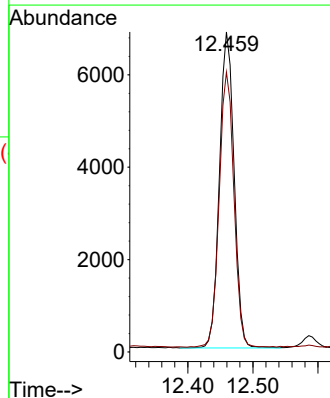
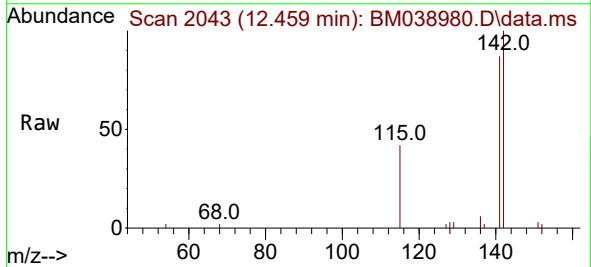
Instrument :
BNA_M
ClientSampleId :
DCAD9DL

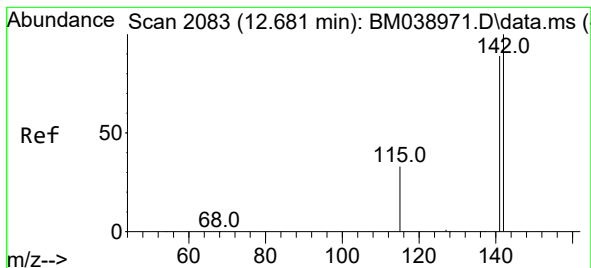
Tgt Ion:128 Resp: 647887
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.6 10.3 15.5



#7
2-Methylnaphthalene
Concen: 0.262 ng/ul
RT: 12.459 min Scan# 2043
Delta R.T. -0.007 min
Lab File: BM038980.D
Acq: 10 Mar 2023 14:26

Tgt Ion:142 Resp: 10688
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9





#8

1-Methylnaphthalene

Concen: 3.105 ng/ul

RT: 12.679 min Scan# 2083

Delta R.T. -0.002 min

Lab File: BM038980.D

Acq: 10 Mar 2023 14:26

Instrument :

BNA_M

ClientSampleId :

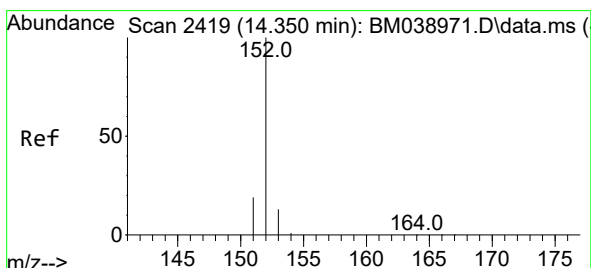
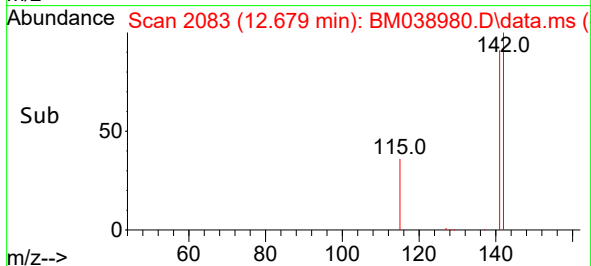
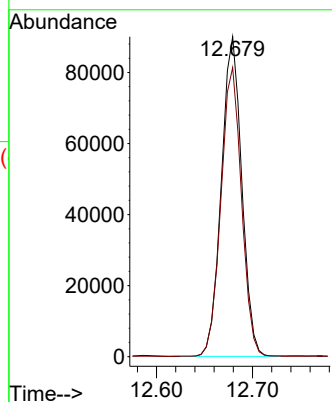
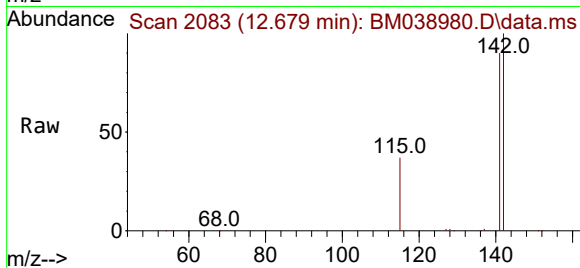
DCAD9DL

Tgt Ion:142 Resp: 132806

Ion Ratio Lower Upper

142 100

141 90.8 73.5 110.3



#10

Acenaphthylene

Concen: 0.590 ng/ul

RT: 14.349 min Scan# 2419

Delta R.T. -0.002 min

Lab File: BM038980.D

Acq: 10 Mar 2023 14:26

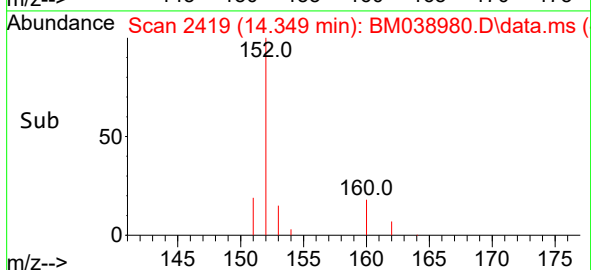
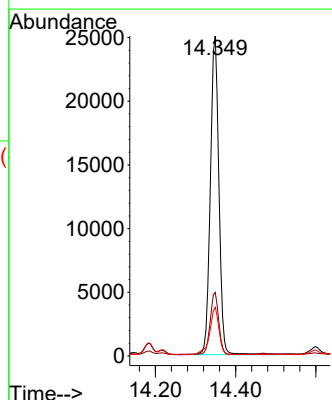
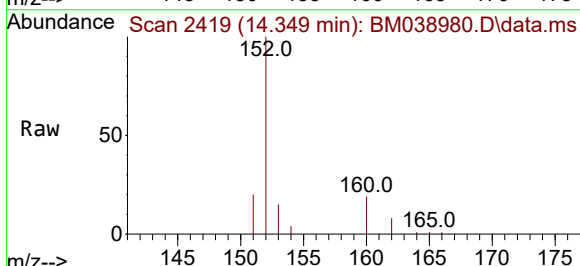
Tgt Ion:152 Resp: 36958

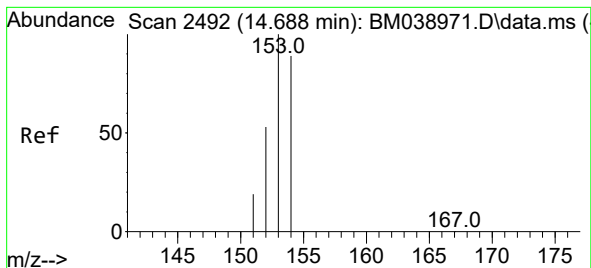
Ion Ratio Lower Upper

152 100

151 19.9 15.6 23.4

153 15.2 10.6 15.8





#11

Acenaphthene

Concen: 16.396 ng/ul

RT: 14.691 min Scan# 2493

Delta R.T. -0.002 min

Lab File: BM038980.D

Acq: 10 Mar 2023 14:26

Instrument :

BNA_M

ClientSampleId :

DCAD9DL

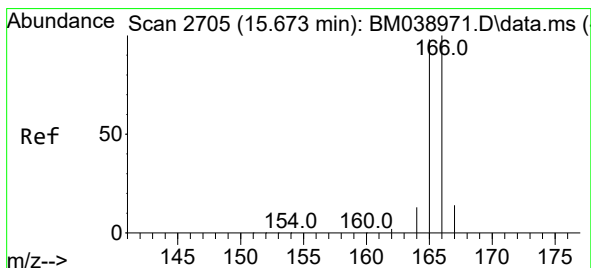
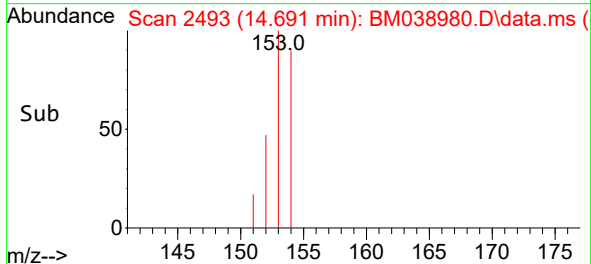
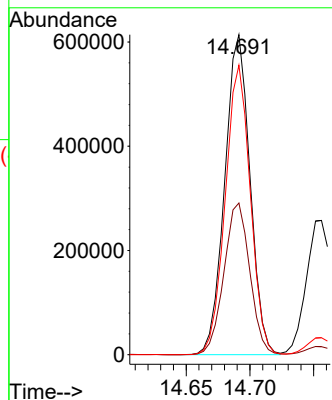
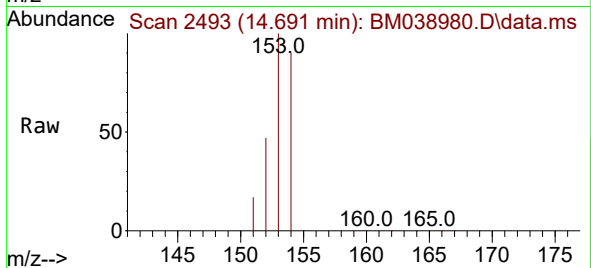
Tgt Ion:153 Resp: 845081

Ion Ratio Lower Upper

153 100

152 47.4 44.2 66.2

154 90.4 70.6 105.8



#12

Fluorene

Concen: 2.728 ng/ul

RT: 15.672 min Scan# 2705

Delta R.T. -0.006 min

Lab File: BM038980.D

Acq: 10 Mar 2023 14:26

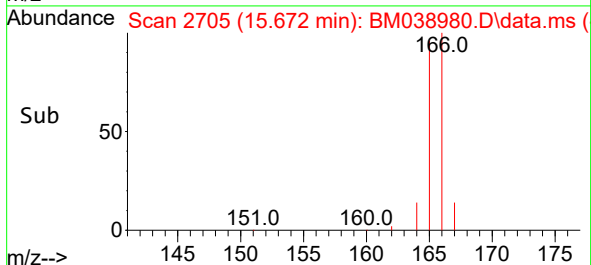
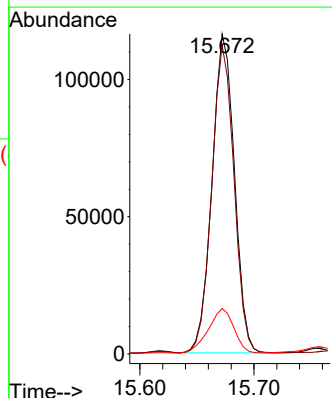
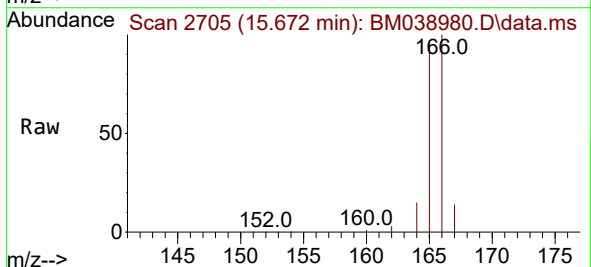
Tgt Ion:166 Resp: 158751

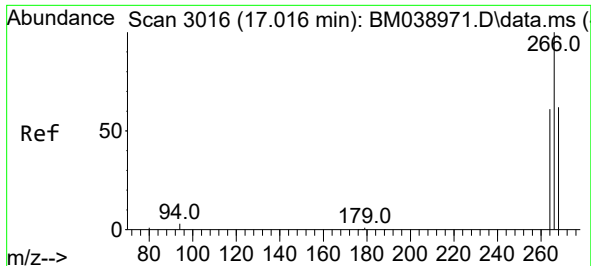
Ion Ratio Lower Upper

166 100

165 96.5 77.8 116.6

167 14.2 11.4 17.2

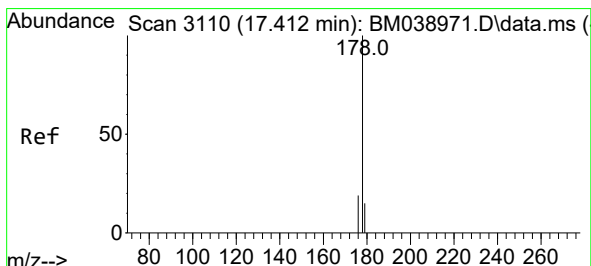
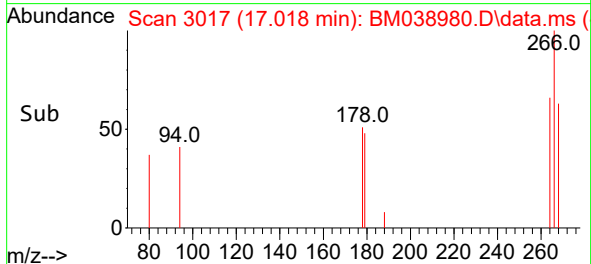
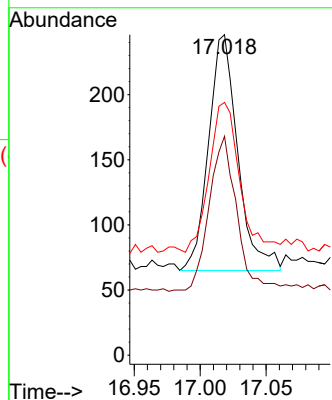
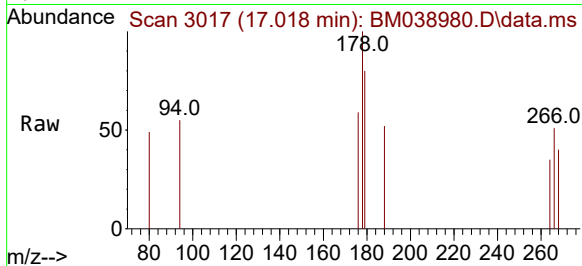




#14
 Pentachlorophenol
 Concen: 0.032 ng/u1
 RT: 17.018 min Scan# 3016
 Delta R.T. -0.002 min
 Lab File: BM038980.D
 Acq: 10 Mar 2023 14:26

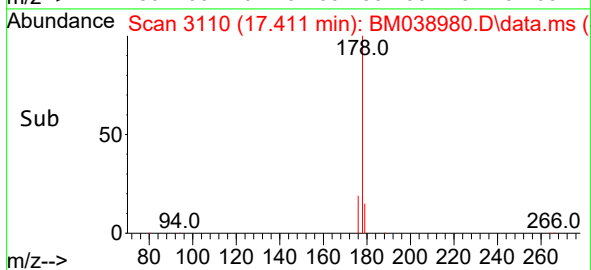
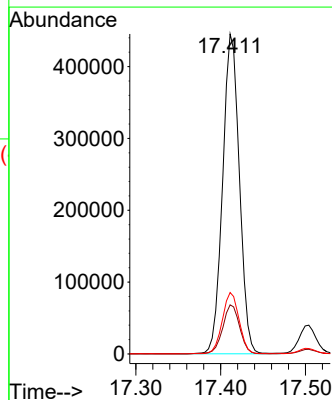
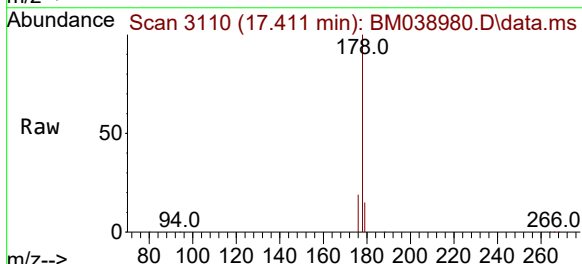
Instrument :
 BNA_M
 ClientSampleId :
 DCAD9DL

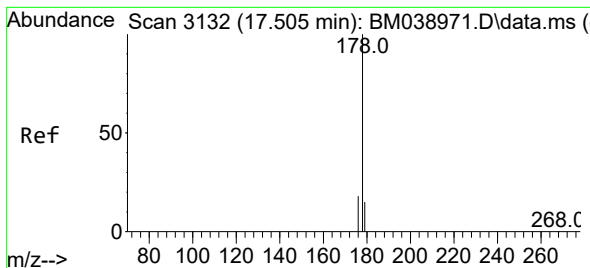
Tgt Ion:266 Resp: 279
 Ion Ratio Lower Upper
 266 100
 264 62.0 50.2 75.2
 268 65.9 50.2 75.4



#15
 Phenanthrene
 Concen: 6.401 ng/u1
 RT: 17.411 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BM038980.D
 Acq: 10 Mar 2023 14:26

Tgt Ion:178 Resp: 610775
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.7 19.1
 176 19.2 15.9 23.9





#16

Anthracene

Concen: 0.682 ng/ul

RT: 17.504 min Scan# 3132

Delta R.T. -0.002 min

Lab File: BM038980.D

Acq: 10 Mar 2023 14:26

Instrument :

BNA_M

ClientSampleId :

DCAD9DL

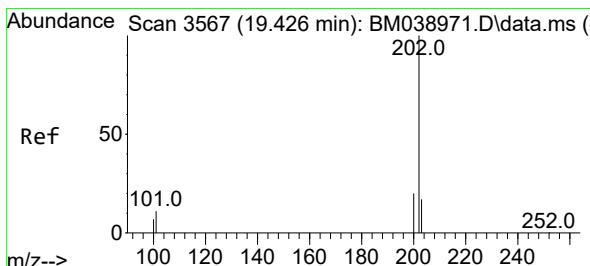
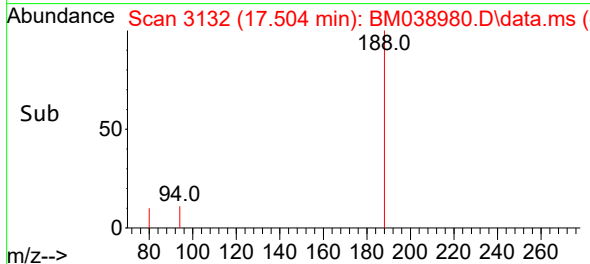
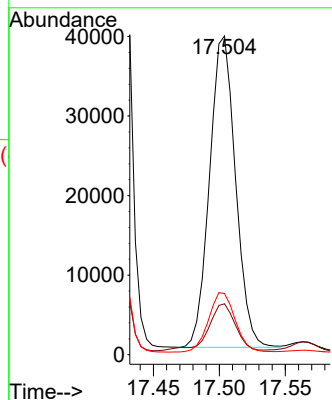
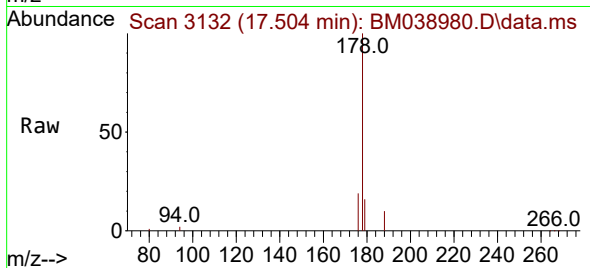
Tgt Ion:178 Resp: 53578

Ion Ratio Lower Upper

178 100

179 16.0 13.0 19.6

176 19.2 15.4 23.2



#19

Fluoranthene

Concen: 0.465 ng/ul

RT: 19.425 min Scan# 3567

Delta R.T. -0.002 min

Lab File: BM038980.D

Acq: 10 Mar 2023 14:26

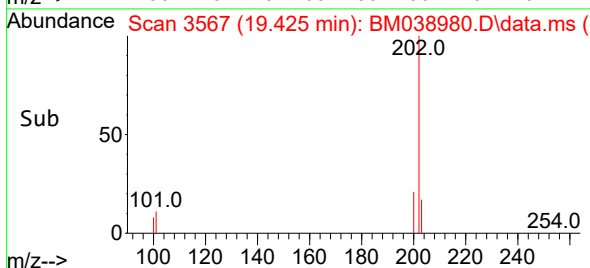
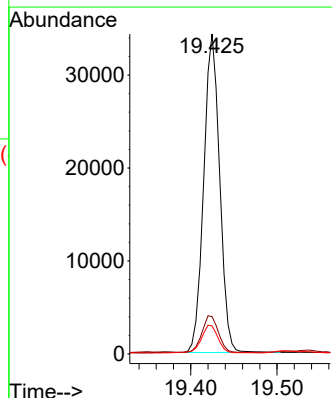
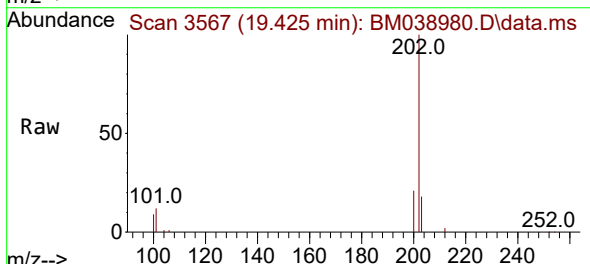
Tgt Ion:202 Resp: 43951

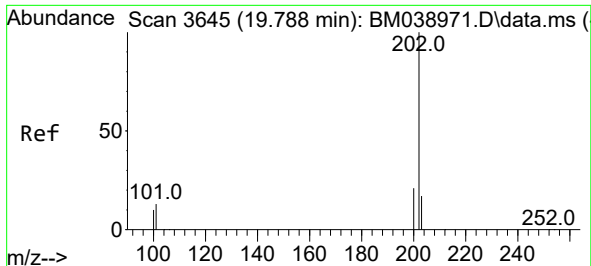
Ion Ratio Lower Upper

202 100

101 11.7 8.9 13.3

100 8.7 6.8 10.2

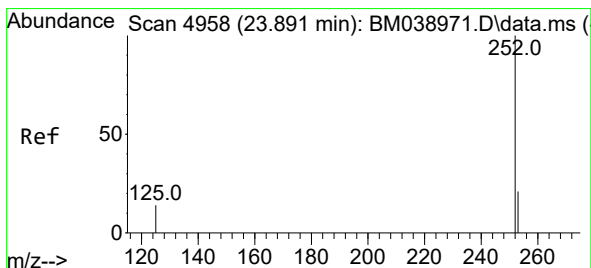
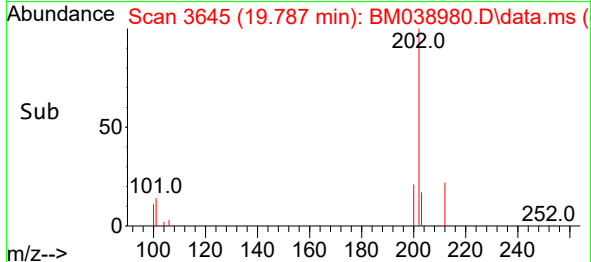
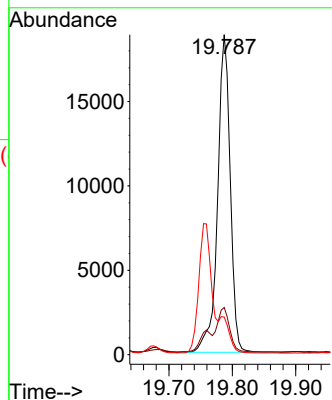
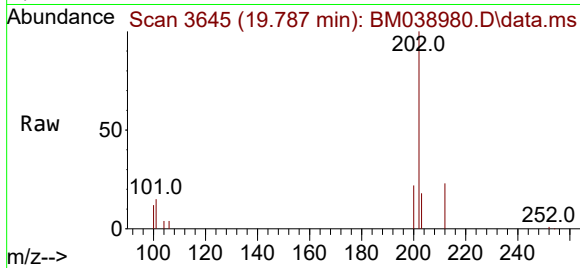




#20
Pyrene
Concen: 0.267 ng/ul
RT: 19.787 min Scan# 30
Delta R.T. -0.002 min
Lab File: BM038980.D
Acq: 10 Mar 2023 14:26

Instrument :
BNA_M
ClientSampleId :
DCAD9DL

Tgt Ion:202 Resp: 25940
Ion Ratio Lower Upper
202 100
101 14.8 11.2 16.8
100 11.7 9.0 13.6



#26
Benzo(a)pyrene
Concen: 0.026 ng/ul
RT: 23.839 min Scan# 4940
Delta R.T. -0.049 min
Lab File: BM038980.D
Acq: 10 Mar 2023 14:26

Tgt Ion:252 Resp: 1894
Ion Ratio Lower Upper
252 100
253 67.7 20.3 30.5#
125 79.4 14.0 21.0#

