

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
 Data File : BM040840.D
 Acq On : 12 Jul 2023 17:22
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4173

Quant Time: Jul 13 00:13:12 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 : Wed Jul 12 05:37:29 2023
 Response via : Initial Calibration

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

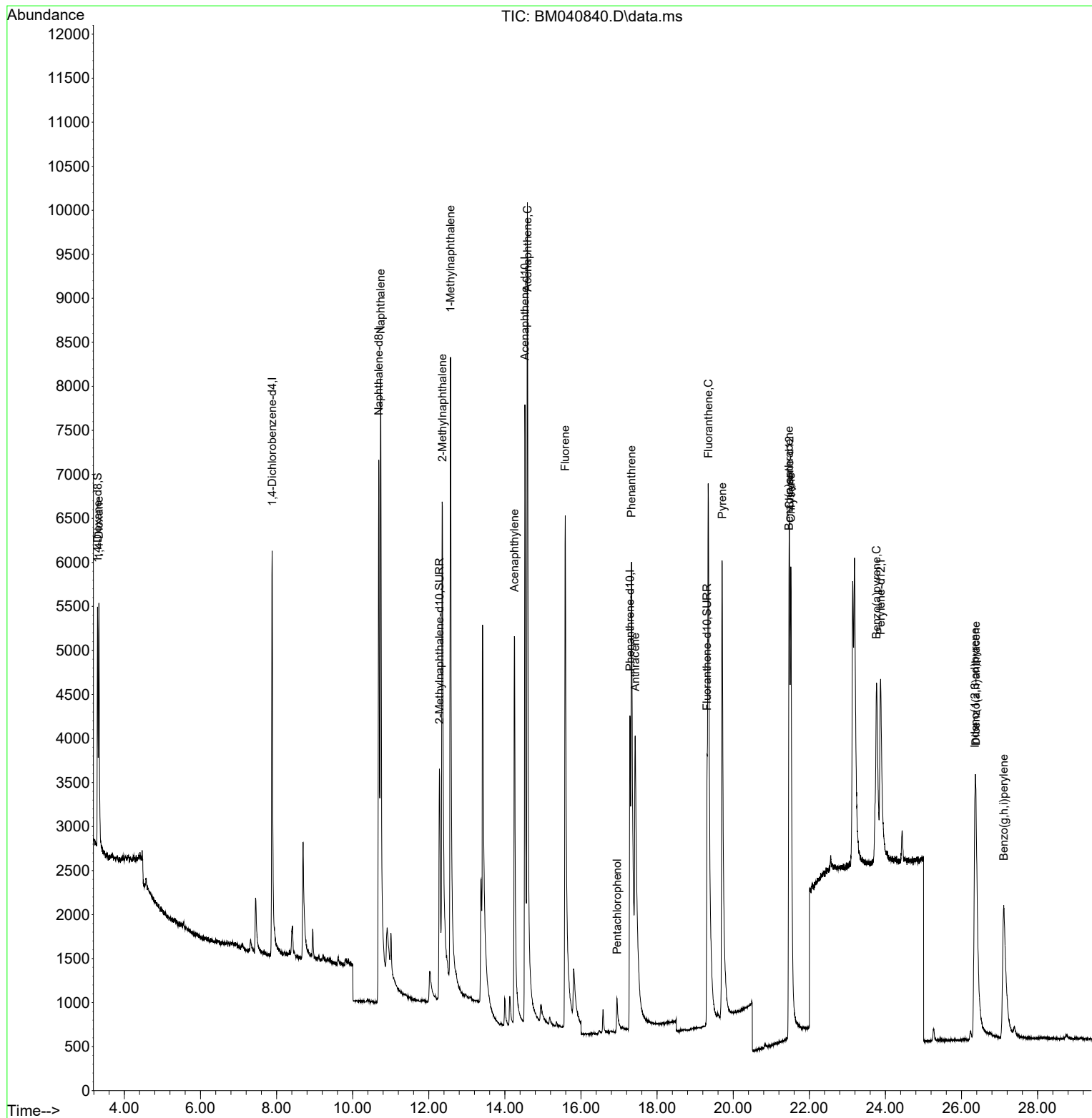
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	3174	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	12185	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.527	164	5141	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.287	188	7298	0.400	ng/ul	0.00
17) Chrysene-d12	21.480	240	5179	0.400	ng/ul	0.00
23) Perylene-d12	23.874	264	4299	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	1852	0.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	6337	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	6725	0.405	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	1770	0.349	ng/ul#	93
5) Naphthalene	10.735	128	12647	0.376	ng/ul	98
7) 2-Methylnaphthalene	12.357	142	7080	0.359	ng/ul	97
8) 1-Methylnaphthalene	12.572	142	6734	0.341	ng/ul	99
10) Acenaphthylene	14.250	152	8329	0.363	ng/ul	96
11) Acenaphthene	14.592	153	7278	0.375	ng/ul	97
12) Fluorene	15.587	166	7281	0.352	ng/ul	98
14) Pentachlorophenol	16.949	266	542	0.386	ng/ul	94
15) Phenanthrene	17.329	178	8655	0.382	ng/ul	95
16) Anthracene	17.426	178	7721	0.405	ng/ul	94
19) Fluoranthene	19.348	202	8441	0.384	ng/ul	97
20) Pyrene	19.710	202	9216	0.391	ng/ul	97
21) Benzo(a)anthracene	21.466	228	5776	0.330	ng/ul	97
22) Chrysene	21.515	228	7078	0.354	ng/ul	99
26) Benzo(a)pyrene	23.769	252	5669	0.378	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.354	276	6938	0.332	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.378	278	5279	0.323	ng/ul#	89
29) Benzo(g,h,i)perylene	27.109	276	6209	0.339	ng/ul	95

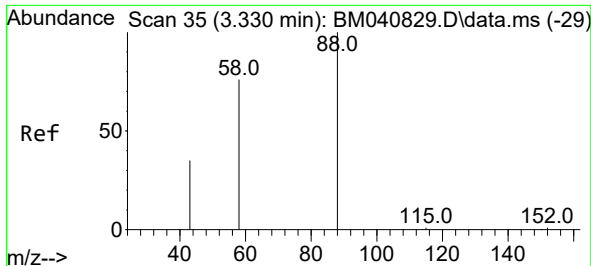
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
Data File : BM040840.D
Acq On : 12 Jul 2023 17:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4173

Quant Time: Jul 13 00:13:12 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 : Wed Jul 12 05:37:29 2023
Response via : Initial Calibration

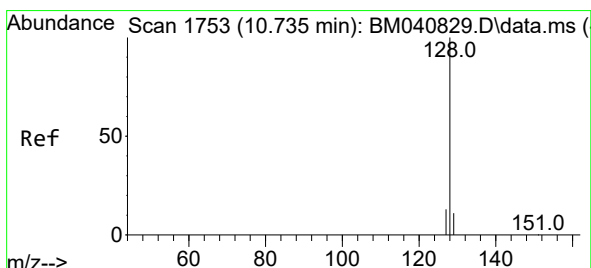
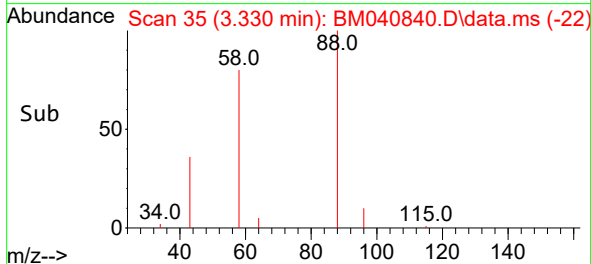
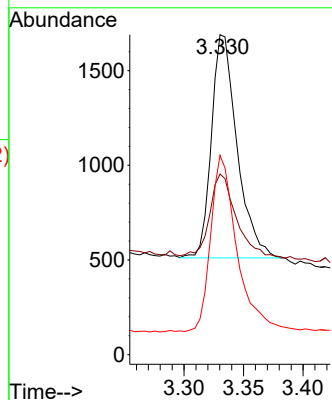
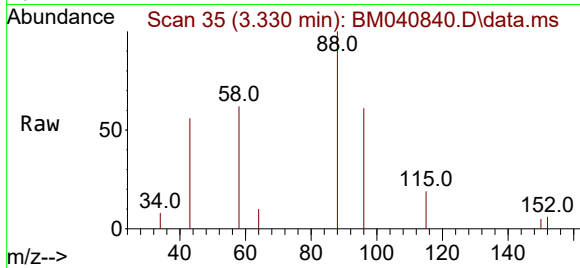




#2
1,4-Dioxane
Concen: 0.349 ng/ul
RT: 3.330 min Scan# 35
Delta R.T. -0.004 min
Lab File: BM040840.D
Acq: 12 Jul 2023 17:22

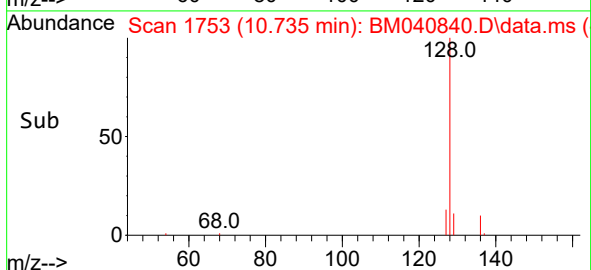
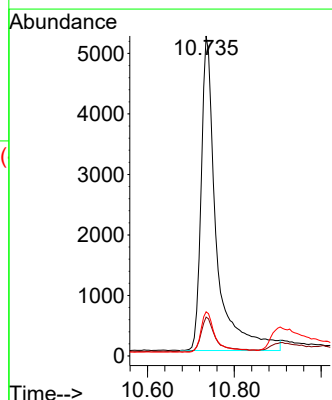
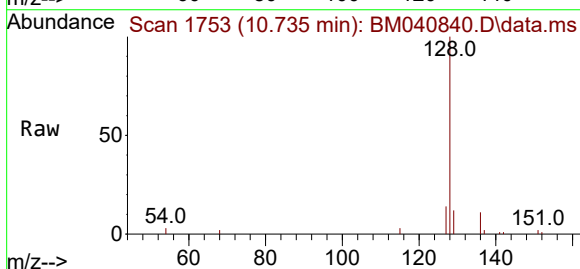
Instrument :
BNA_M
ClientSampleId :
SSTD0.4173

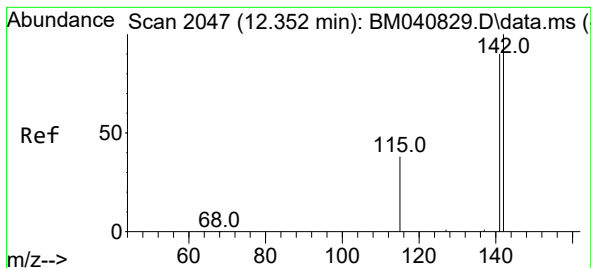
Tgt Ion: 88 Resp: 1770
Ion Ratio Lower Upper
88 100
43 56.4 36.1 54.1#
58 62.3 49.8 74.8



#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.735 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BM040840.D
Acq: 12 Jul 2023 17:22

Tgt Ion: 128 Resp: 12647
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.8 10.6 15.8





#7

2-Methylnaphthalene

Concen: 0.359 ng/ul

RT: 12.357 min Scan# 2047

Delta R.T. 0.000 min

Lab File: BM040840.D

Acq: 12 Jul 2023 17:22

Instrument :

BNA_M

ClientSampleId :

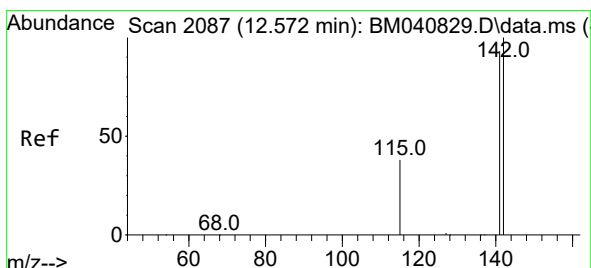
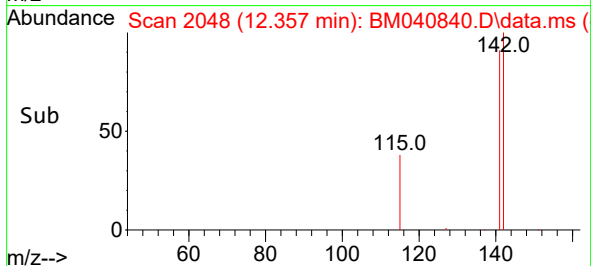
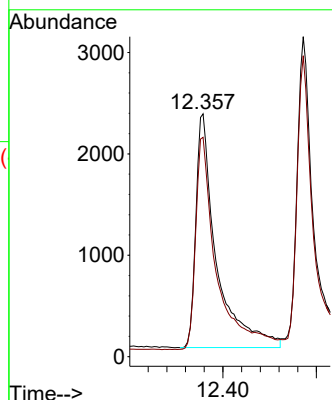
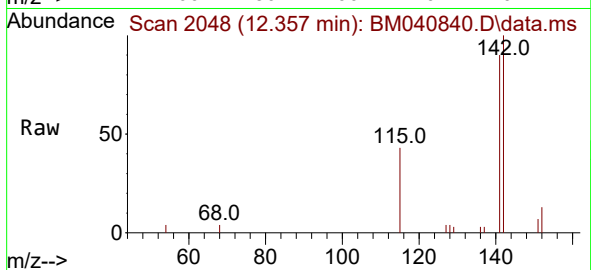
SSTD0.4173

Tgt Ion:142 Resp: 7080

Ion Ratio Lower Upper

142 100

141 93.1 71.9 107.9



#8

1-Methylnaphthalene

Concen: 0.341 ng/ul

RT: 12.572 min Scan# 2087

Delta R.T. -0.005 min

Lab File: BM040840.D

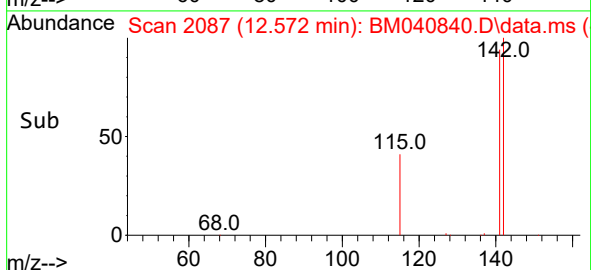
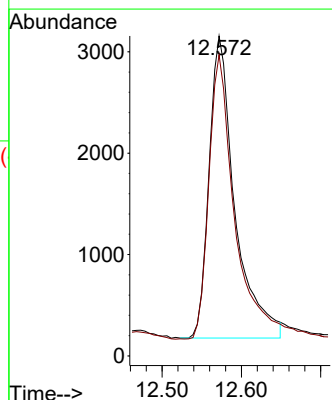
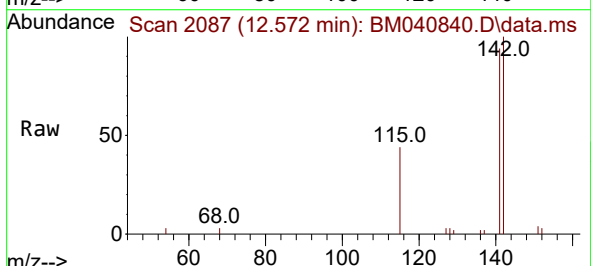
Acq: 12 Jul 2023 17:22

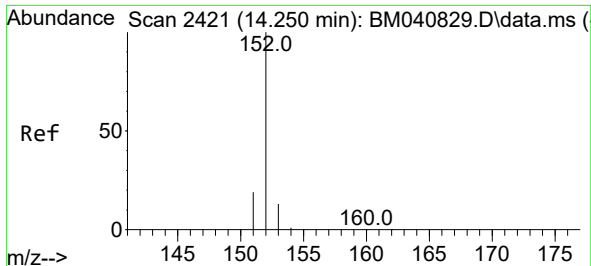
Tgt Ion:142 Resp: 6734

Ion Ratio Lower Upper

142 100

141 93.5 73.7 110.5

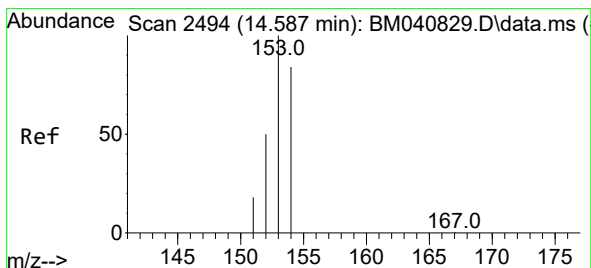
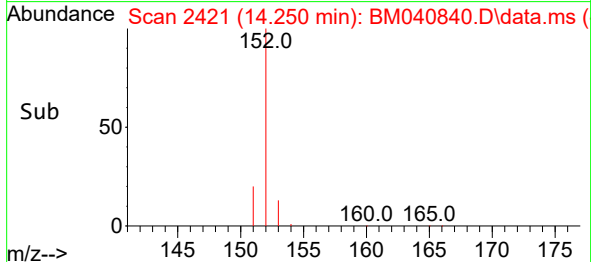
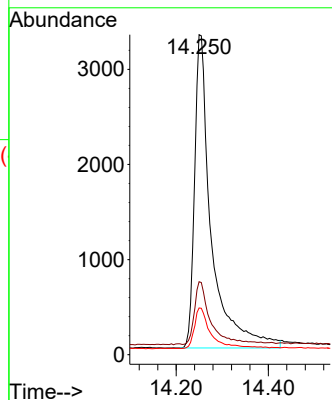
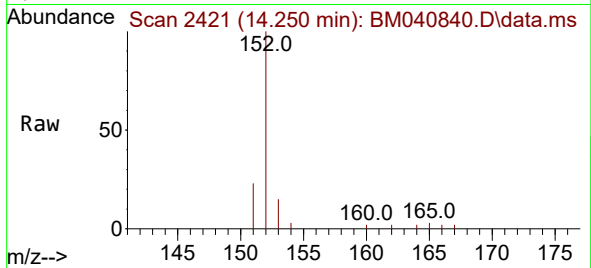




#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.250 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BM040840.D
Acq: 12 Jul 2023 17:22

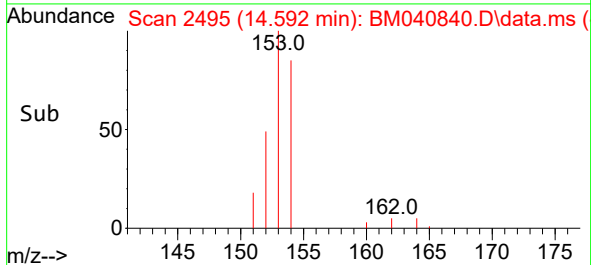
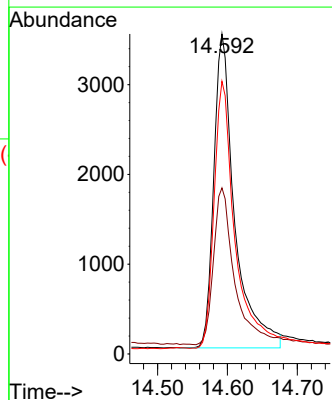
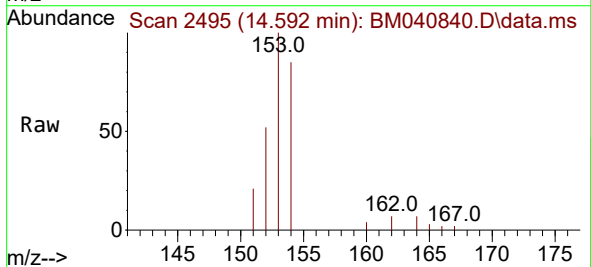
Instrument :
BNA_M
ClientSampleId :
SSTD0.4173

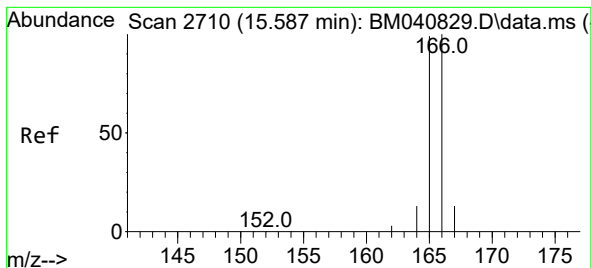
Tgt Ion:152 Resp: 8329
Ion Ratio Lower Upper
152 100
151 22.8 16.2 24.2
153 14.6 10.9 16.3



#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.592 min Scan# 2495
Delta R.T. -0.005 min
Lab File: BM040840.D
Acq: 12 Jul 2023 17:22

Tgt Ion:153 Resp: 7278
Ion Ratio Lower Upper
153 100
152 51.9 41.0 61.4
154 85.2 70.8 106.2





#12

Fluorene

Concen: 0.352 ng/ul

RT: 15.587 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM040840.D

Acq: 12 Jul 2023 17:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.4173

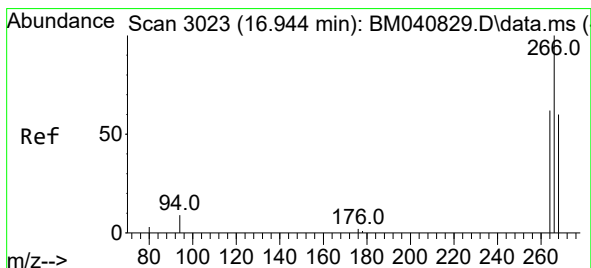
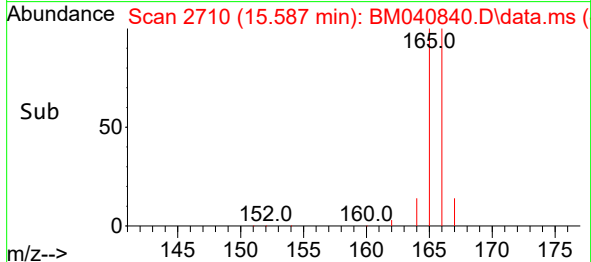
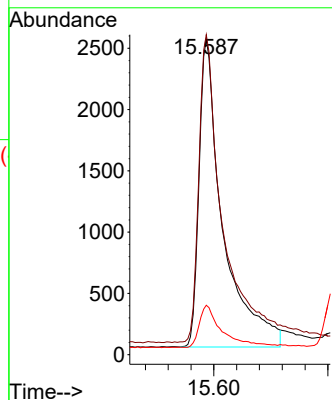
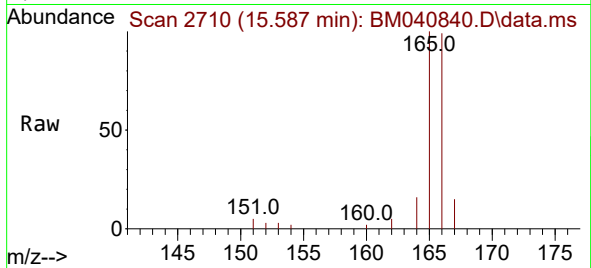
Tgt Ion:166 Resp: 7281

Ion Ratio Lower Upper

166 100

165 101.4 79.6 119.4

167 15.7 11.4 17.0



#14

Pentachlorophenol

Concen: 0.386 ng/ul

RT: 16.949 min Scan# 3024

Delta R.T. 0.000 min

Lab File: BM040840.D

Acq: 12 Jul 2023 17:22

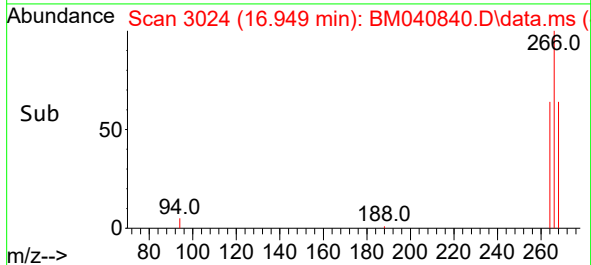
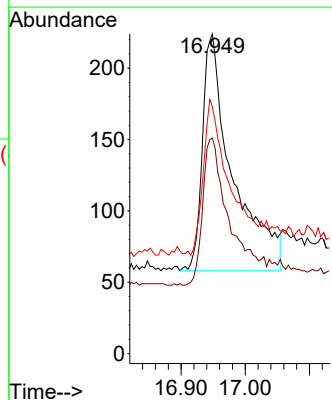
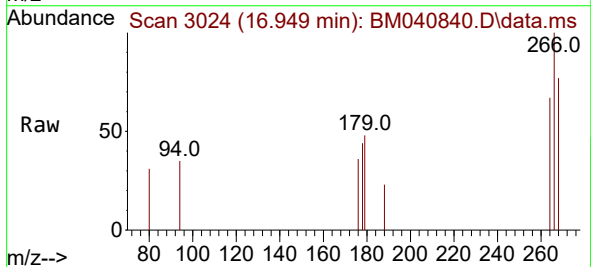
Tgt Ion:266 Resp: 542

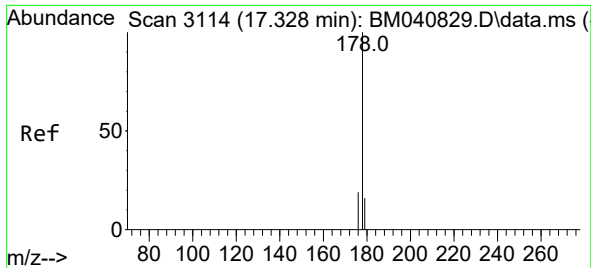
Ion Ratio Lower Upper

266 100

264 61.3 45.4 68.0

268 63.3 47.2 70.8

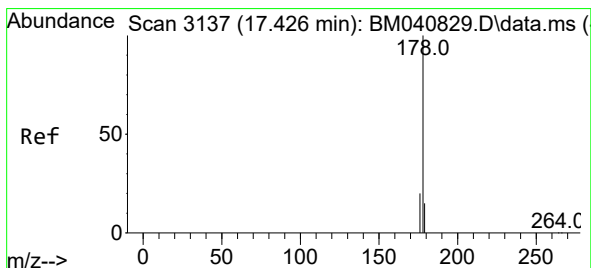
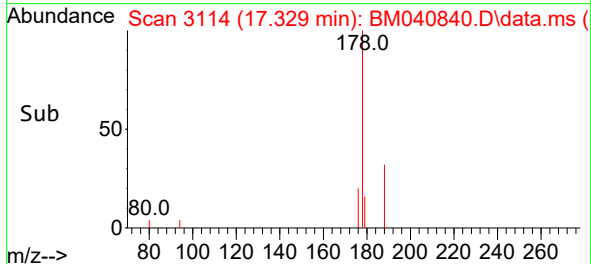
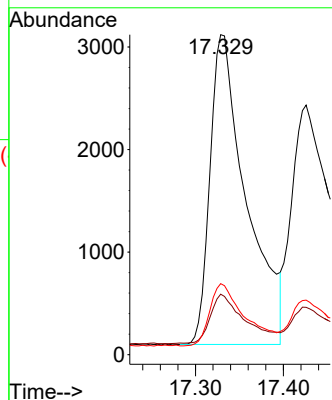
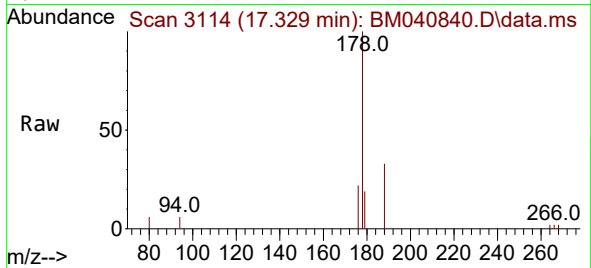




#15
Phenanthrene
Concen: 0.382 ng/ul
RT: 17.329 min Scan# 3114
Delta R.T. -0.004 min
Lab File: BM040840.D
Acq: 12 Jul 2023 17:22

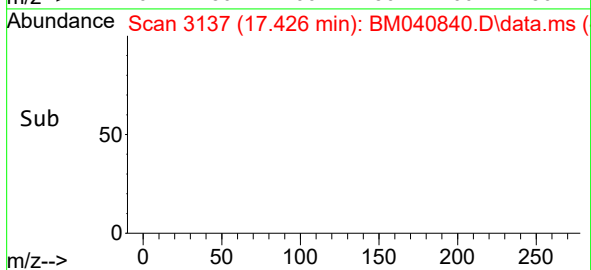
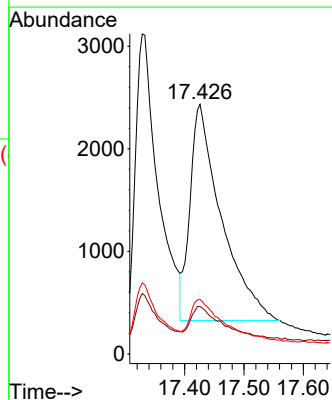
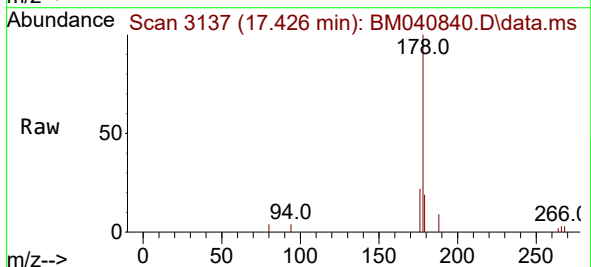
Instrument :
BNA_M
ClientSampleId :
SSTD0.4173

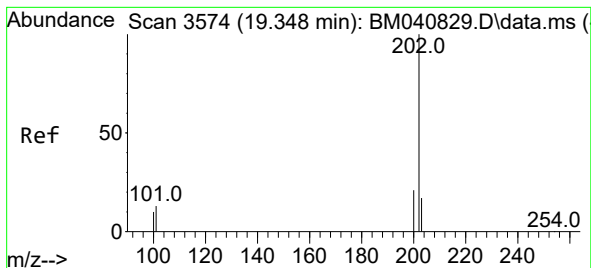
Tgt Ion:178 Resp: 8655
Ion Ratio Lower Upper
178 100
179 18.9 12.8 19.2
176 22.2 16.4 24.6



#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BM040840.D
Acq: 12 Jul 2023 17:22

Tgt Ion:178 Resp: 7721
Ion Ratio Lower Upper
178 100
179 19.0 12.9 19.3
176 21.8 15.8 23.6





#19

Fluoranthene

Concen: 0.384 ng/ul

RT: 19.348 min Scan# 3574

Delta R.T. -0.005 min

Lab File: BM040840.D

Acq: 12 Jul 2023 17:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.4173

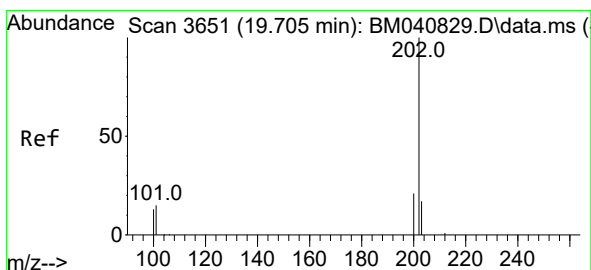
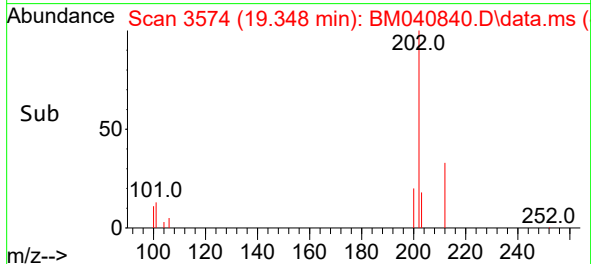
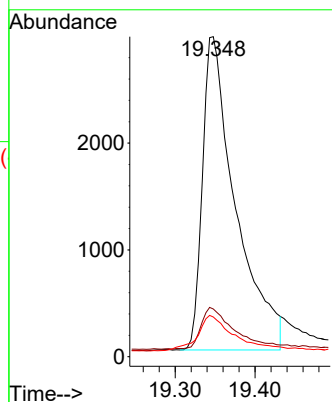
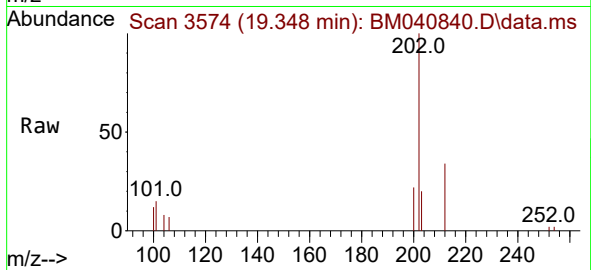
Tgt Ion:202 Resp: 8441

Ion Ratio Lower Upper

202 100

101 14.9 11.4 17.0

100 12.4 8.7 13.1



#20

Pyrene

Concen: 0.391 ng/ul

RT: 19.710 min Scan# 3652

Delta R.T. 0.000 min

Lab File: BM040840.D

Acq: 12 Jul 2023 17:22

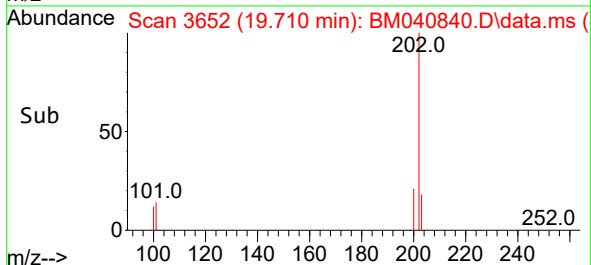
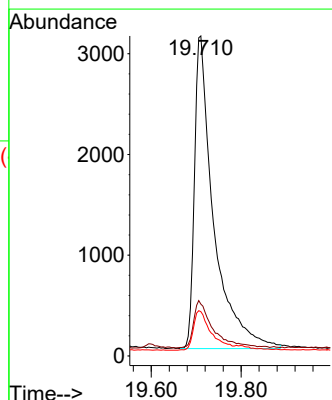
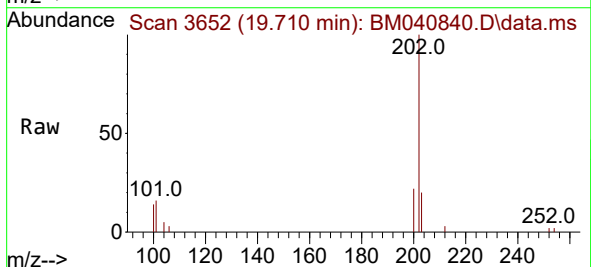
Tgt Ion:202 Resp: 9216

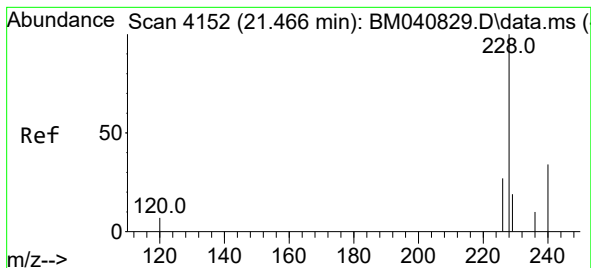
Ion Ratio Lower Upper

202 100

101 16.2 12.6 18.8

100 13.9 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.330 ng/ul

RT: 21.466 min Scan# 4152

Delta R.T. -0.003 min

Lab File: BM040840.D

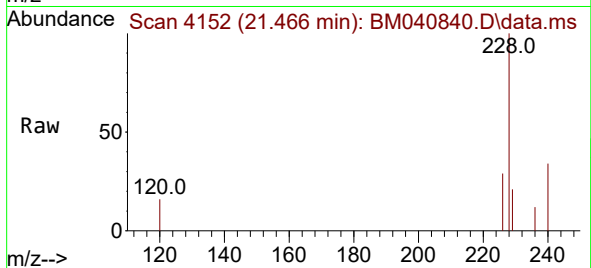
Acq: 12 Jul 2023 17:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.4173



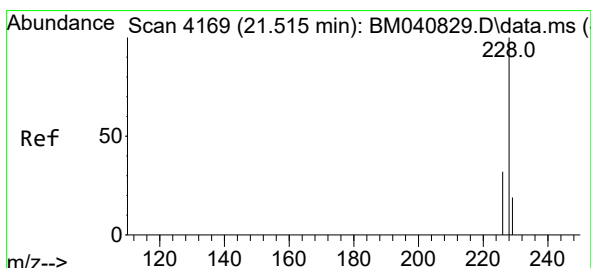
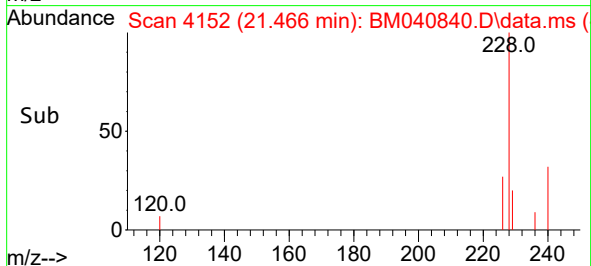
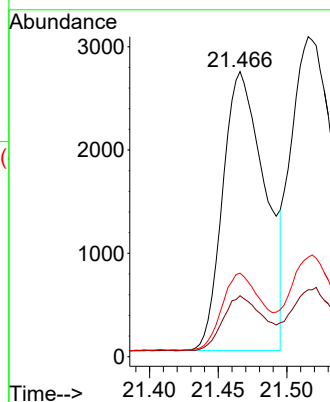
Tgt Ion:228 Resp: 5776

Ion Ratio Lower Upper

228 100

229 21.4 16.0 24.0

226 29.3 22.3 33.5



#22

Chrysene

Concen: 0.354 ng/ul

RT: 21.515 min Scan# 4169

Delta R.T. 0.000 min

Lab File: BM040840.D

Acq: 12 Jul 2023 17:22

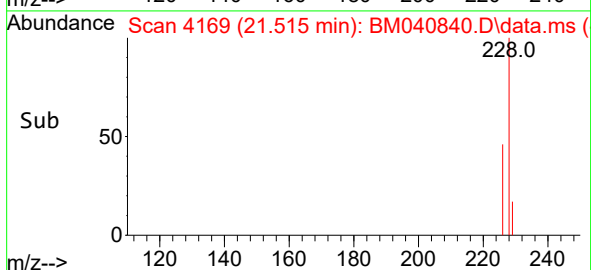
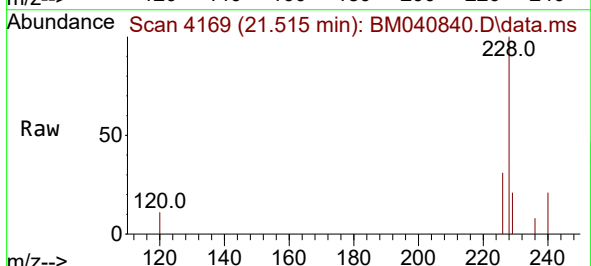
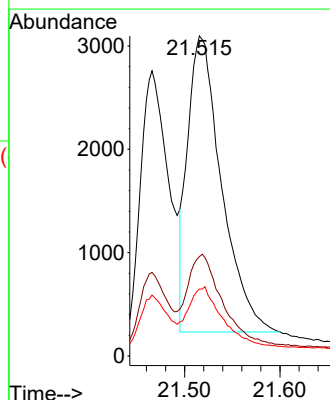
Tgt Ion:228 Resp: 7078

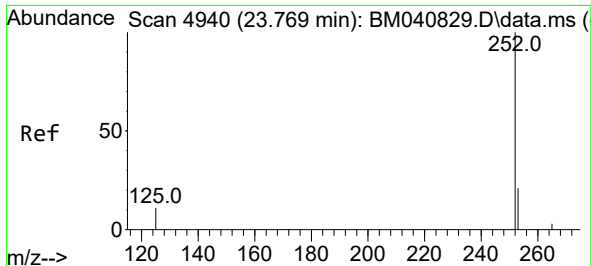
Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

229 20.9 15.8 23.6

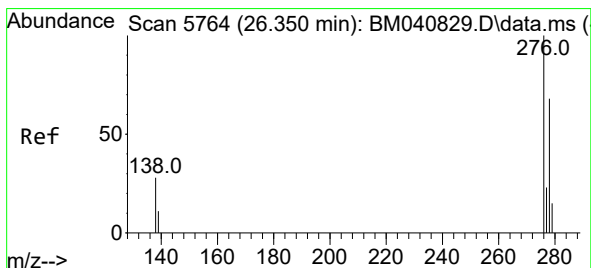
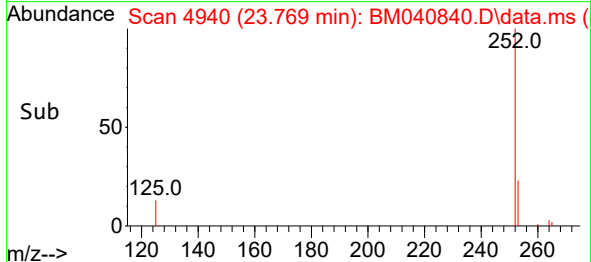
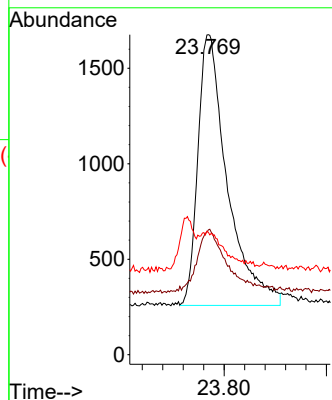
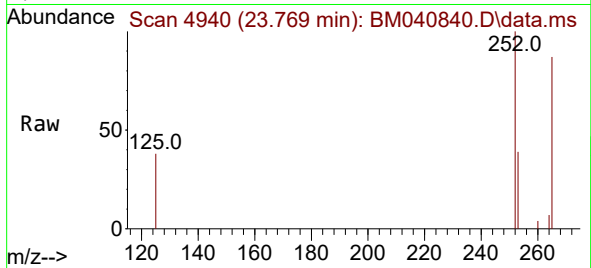




#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.769 min Scan# 4940
Delta R.T. -0.003 min
Lab File: BM040840.D
Acq: 12 Jul 2023 17:22

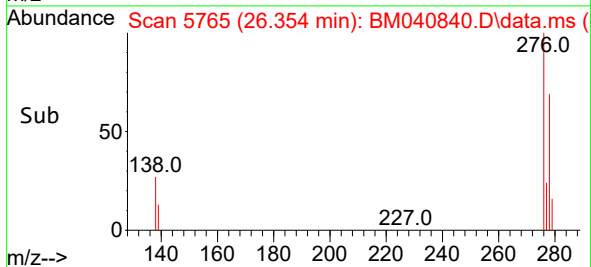
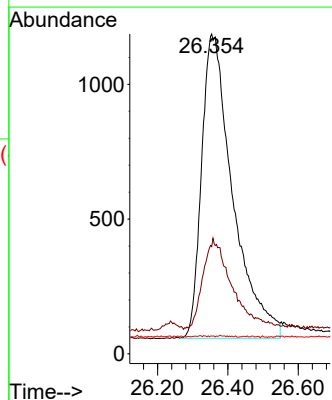
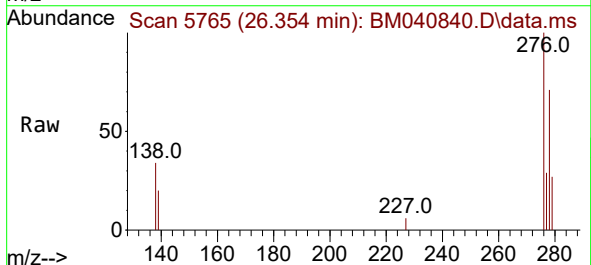
Instrument :
BNA_M
ClientSampleId :
SSTD0.4173

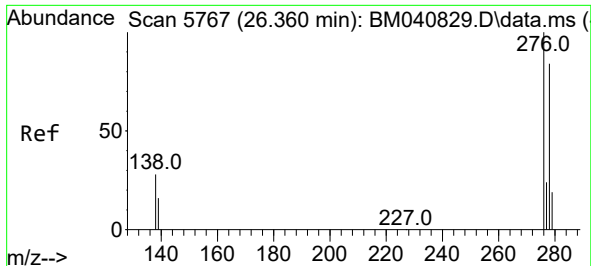
Tgt Ion:252 Resp: 5669
Ion Ratio Lower Upper
252 100
253 39.0 22.9 34.3#
125 38.2 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 26.354 min Scan# 5765
Delta R.T. -0.010 min
Lab File: BM040840.D
Acq: 12 Jul 2023 17:22

Tgt Ion:276 Resp: 6938
Ion Ratio Lower Upper
276 100
138 28.1 24.5 36.7
227 0.0 0.1 0.1#

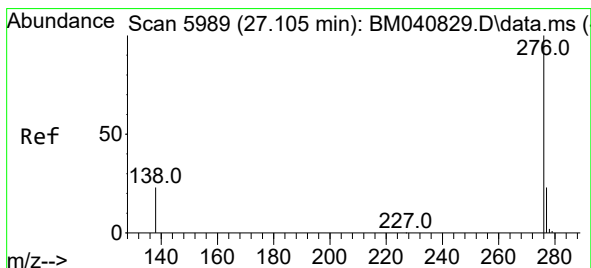
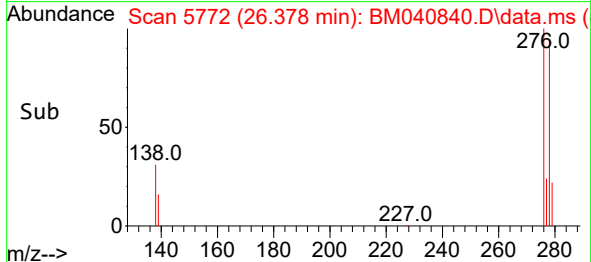
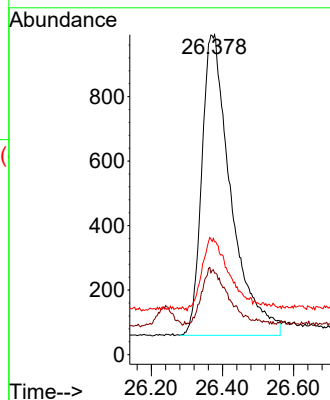
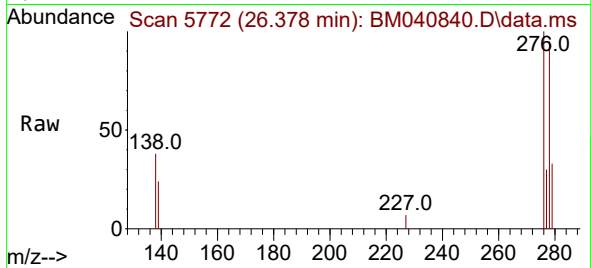




#28
Dibenzo(a,h)anthracene
Concen: 0.323 ng/ul
RT: 26.378 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM040840.D
Acq: 12 Jul 2023 17:22

Instrument :
BNA_M
ClientSampleId :
SSTD0.4173

Tgt Ion:278 Resp: 5279
Ion Ratio Lower Upper
278 100
139 25.5 17.9 26.9
279 35.3 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 27.109 min Scan# 5990
Delta R.T. -0.003 min
Lab File: BM040840.D
Acq: 12 Jul 2023 17:22

Tgt Ion:276 Resp: 6209
Ion Ratio Lower Upper
276 100
138 31.3 23.0 34.6
277 28.5 20.3 30.5

