

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040304.D
 Acq On : 17 Jun 2023 05:29
 Operator : MA/JU
 Sample : PB153382BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS382

Quant Time: Jun 17 06:00:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

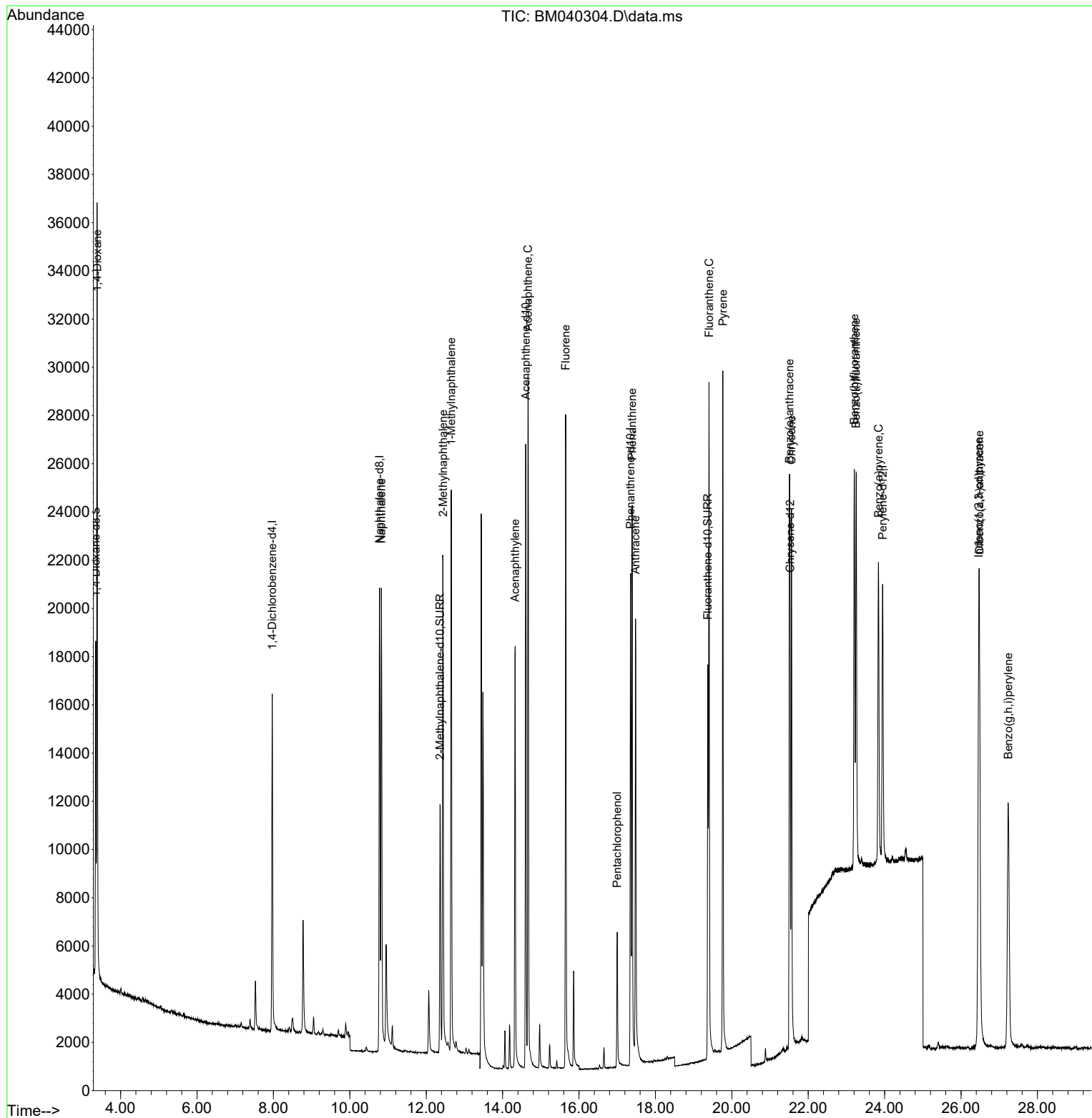
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	7777	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	28465	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	14206	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	24528	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	14670	0.400	ng/ul	0.00
23) Perylene-d12	23.947	264	16707	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	8383	0.873	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	15017	0.416	ng/ul	-0.01
18) Fluoranthene-d10	19.370	212	18412	0.503	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.384	88	20412	2.024	ng/ul#	80
5) Naphthalene	10.827	128	26401	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.439	142	16309	0.389	ng/ul	99
8) 1-Methylnaphthalene	12.653	142	16283	0.371	ng/ul	99
10) Acenaphthylene	14.327	152	21647	0.436	ng/ul	100
11) Acenaphthene	14.665	153	17157	0.403	ng/ul	100
12) Fluorene	15.650	166	18046	0.380	ng/ul	98
14) Pentachlorophenol	16.999	266	4028	0.805	ng/ul	99
15) Phenanthrene	17.391	178	24958	0.387	ng/ul	99
16) Anthracene	17.480	178	22262	0.407	ng/ul	99
19) Fluoranthene	19.403	202	23433	0.469	ng/ul	99
20) Pyrene	19.765	202	24368	0.469	ng/ul	99
21) Benzo(a)anthracene	21.506	228	19342	0.447	ng/ul	98
22) Chrysene	21.561	228	20323	0.444	ng/ul	98
24) Benzo(b)fluoranthene	23.207	252	22165	0.360	ng/ul	90
25) Benzo(k)fluoranthene	23.254	252	22315	0.385	ng/ul#	92
26) Benzo(a)pyrene	23.838	252	19830	0.392	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.464	276	27532	0.430	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.481	278	21982	0.428	ng/ul	96
29) Benzo(g,h,i)perylene	27.235	276	23339	0.437	ng/ul	95

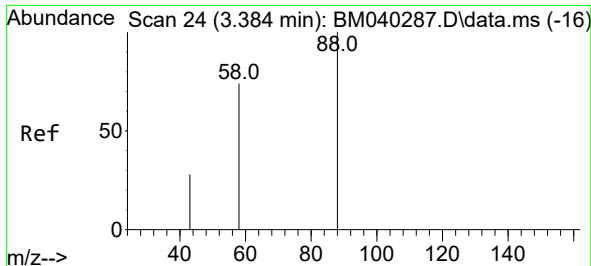
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040304.D
Acq On : 17 Jun 2023 05:29
Operator : MA/JU
Sample : PB153382BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS382

Quant Time: Jun 17 06:00:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration

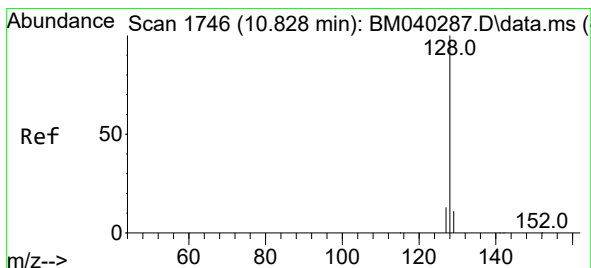
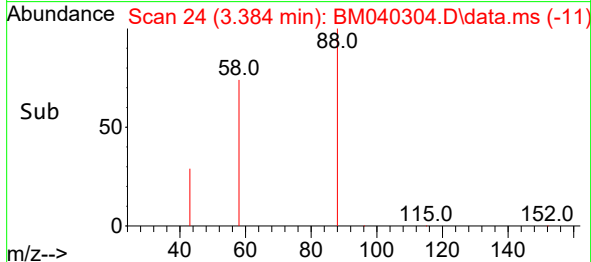
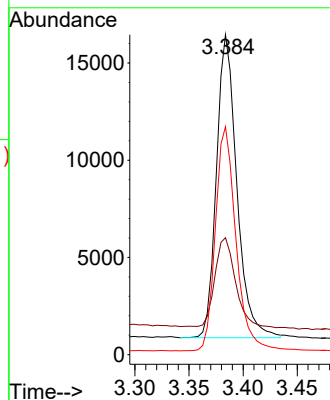
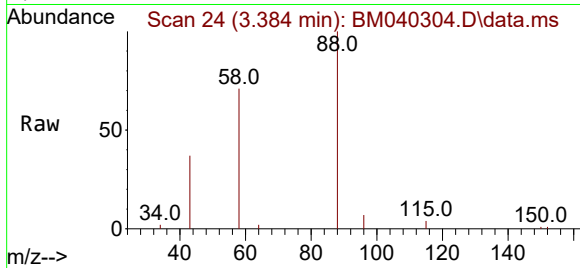




#2
1,4-Dioxane
Concen: 2.024 ng/ul
RT: 3.384 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

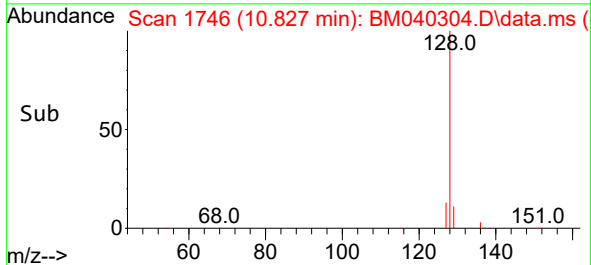
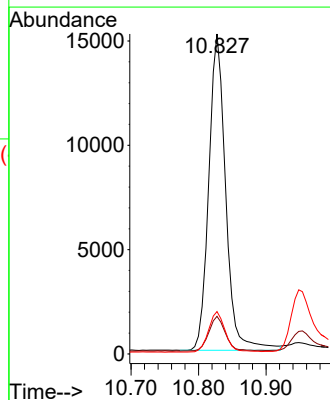
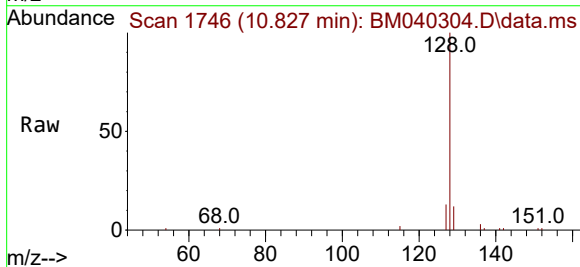
Instrument :
BNA_M
ClientSampleId :
SLCS382

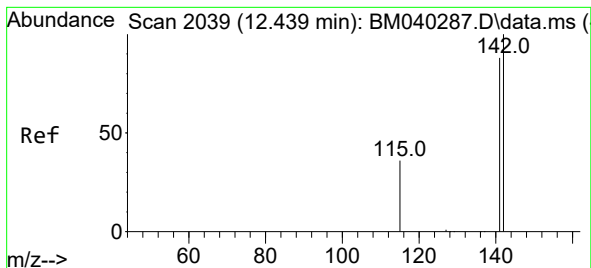
Tgt Ion: 88 Resp: 20412
Ion Ratio Lower Upper
88 100
43 36.6 30.3 45.5
58 71.3 38.8 58.2#



#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.827 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

Tgt Ion: 128 Resp: 26401
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.3 10.4 15.6

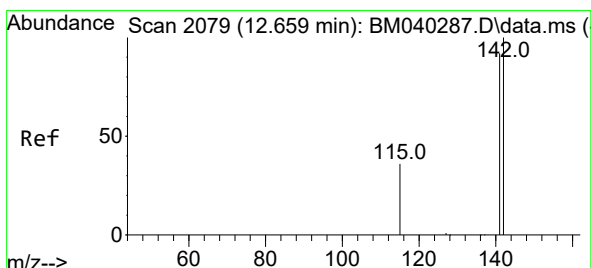
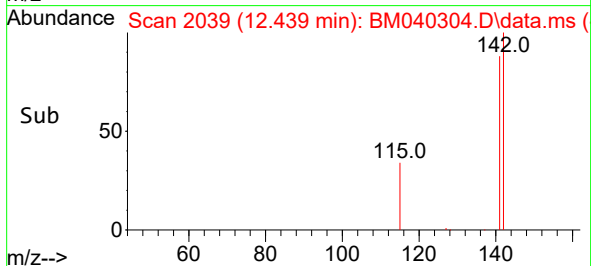
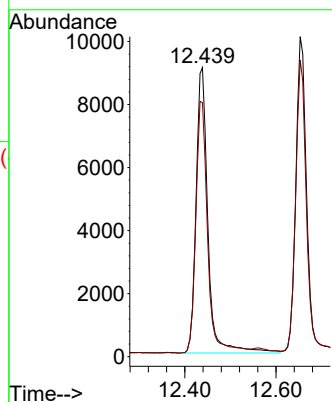
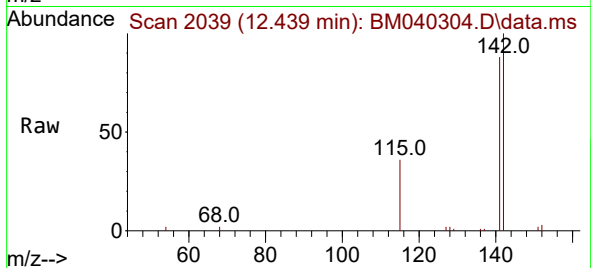




#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

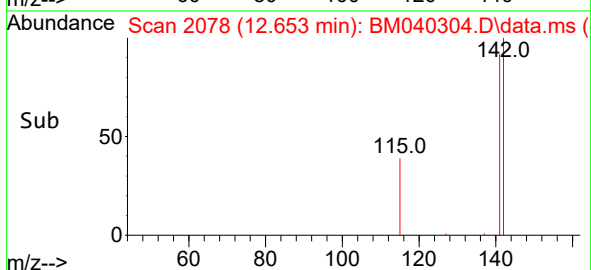
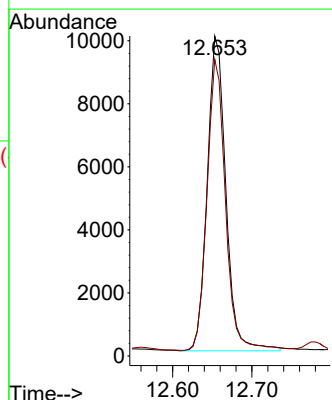
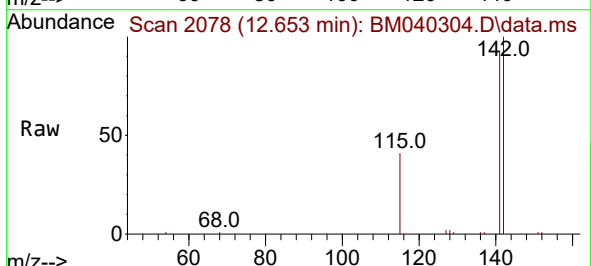
Instrument :
BNA_M
ClientSampleId :
SLCS382

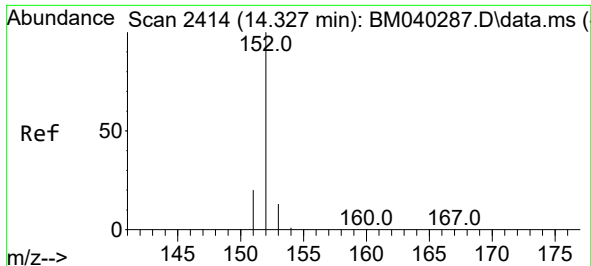
Tgt Ion:142 Resp: 16309
Ion Ratio Lower Upper
142 100
141 87.4 70.6 106.0



#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.653 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

Tgt Ion:142 Resp: 16283
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.4

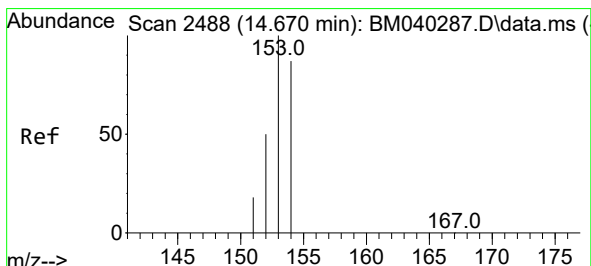
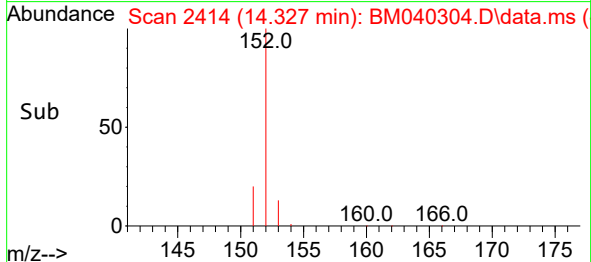
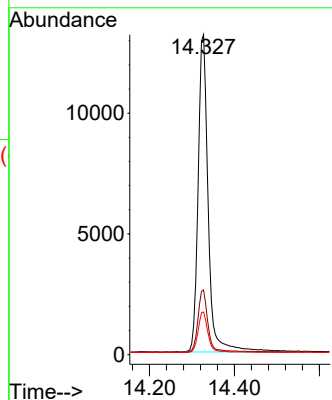
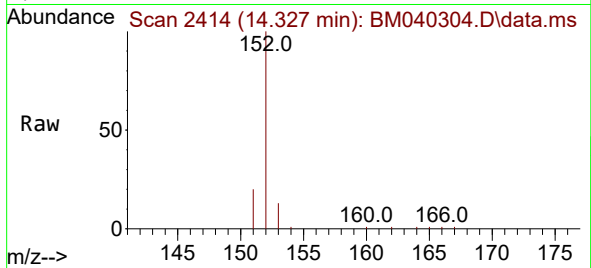




#10
Acenaphthylene
Concen: 0.436 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

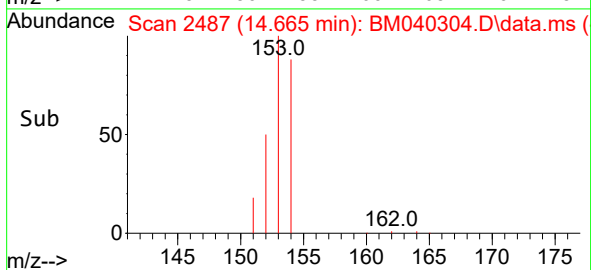
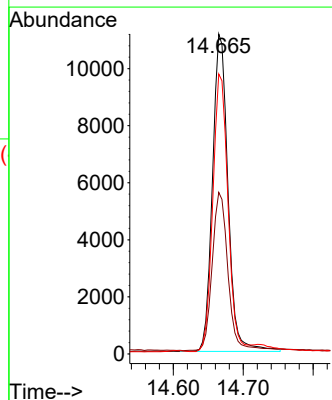
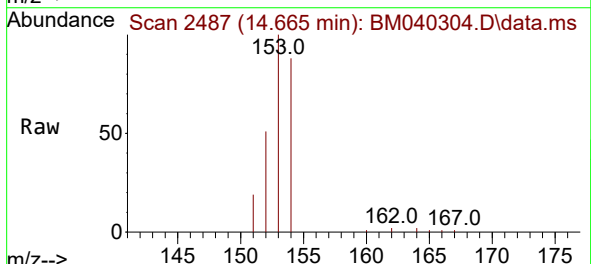
Instrument :
BNA_M
ClientSampleId :
SLCS382

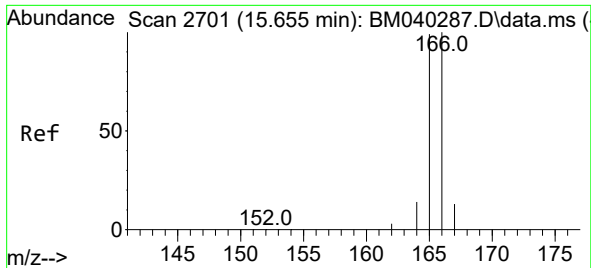
Tgt Ion:152 Resp: 21647
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.3 10.7 16.1



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.665 min Scan# 2487
Delta R.T. -0.009 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

Tgt Ion:153 Resp: 17157
Ion Ratio Lower Upper
153 100
152 50.5 40.3 60.5
154 87.5 70.5 105.7

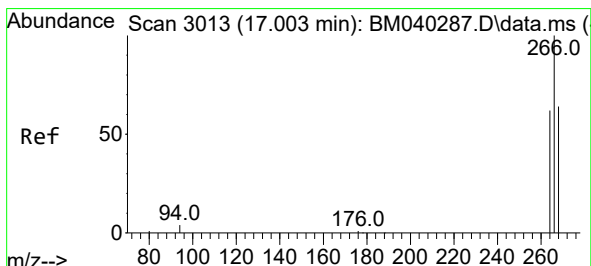
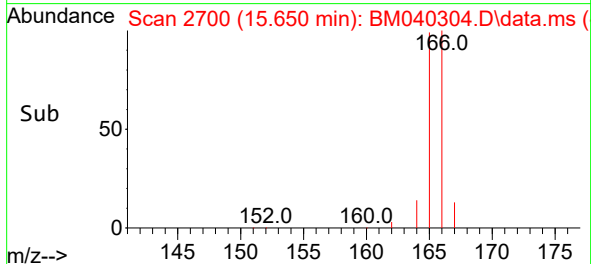
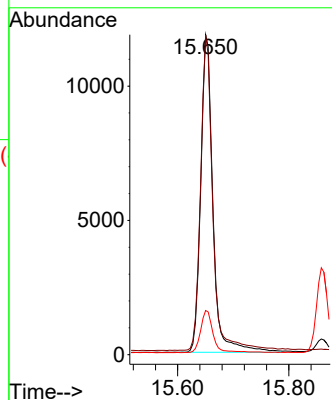
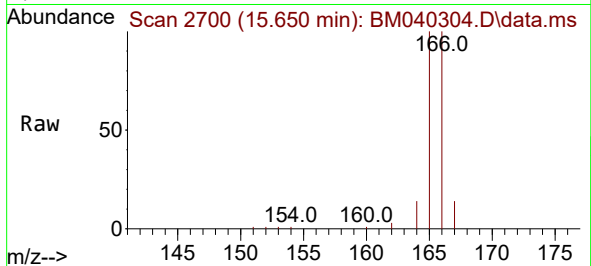




#12
 Fluorene
 Concen: 0.380 ng/ul
 RT: 15.650 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BM040304.D
 Acq: 17 Jun 2023 05:29

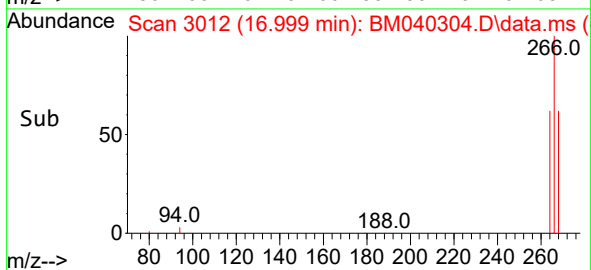
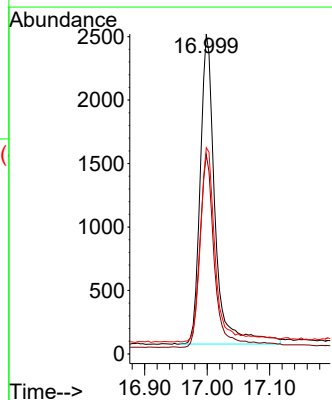
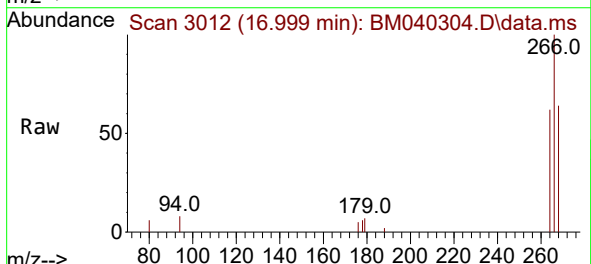
Instrument :
 BNA_M
 ClientSampleId :
 SLCS382

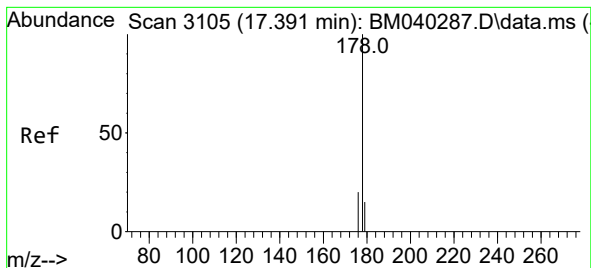
Tgt Ion:166	Resp:	18046
Ion Ratio	Lower	Upper
166	100	
165	99.9	78.2 117.4
167	13.8	11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.805 ng/ul
 RT: 16.999 min Scan# 3012
 Delta R.T. -0.009 min
 Lab File: BM040304.D
 Acq: 17 Jun 2023 05:29

Tgt Ion:266	Resp:	4028
Ion Ratio	Lower	Upper
266	100	
264	62.5	49.4 74.0
268	63.7	51.3 76.9





#15

Phenanthrene

Concen: 0.387 ng/ul

RT: 17.391 min Scan# 3105

Delta R.T. -0.004 min

Lab File: BM040304.D

Acq: 17 Jun 2023 05:29

Instrument :

BNA_M

ClientSampleId :

SLCS382

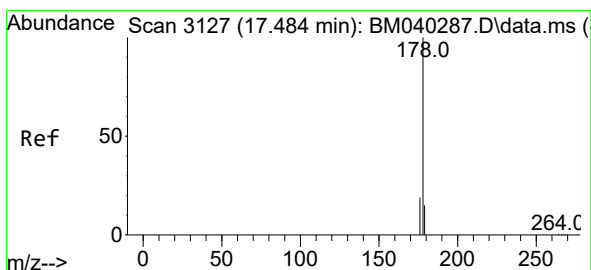
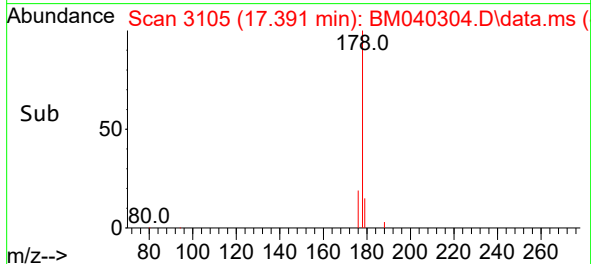
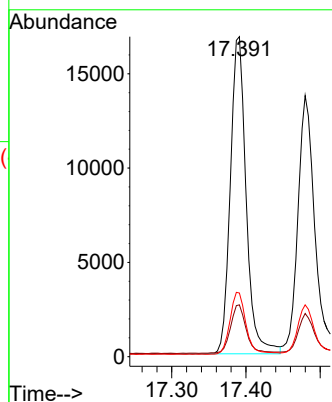
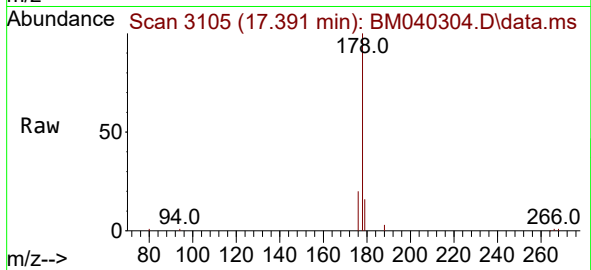
Tgt Ion:178 Resp: 24958

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 19.9 16.1 24.1



#16

Anthracene

Concen: 0.407 ng/ul

RT: 17.480 min Scan# 3126

Delta R.T. -0.009 min

Lab File: BM040304.D

Acq: 17 Jun 2023 05:29

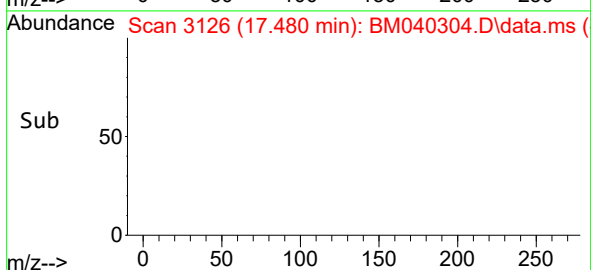
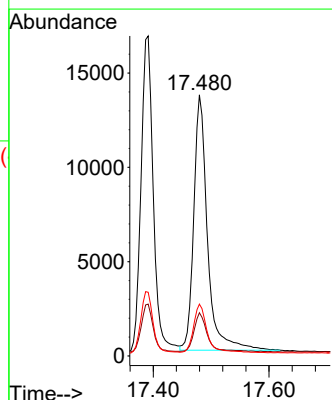
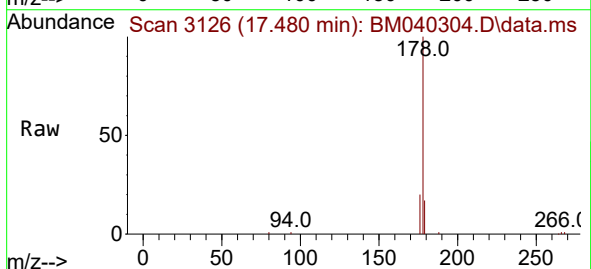
Tgt Ion:178 Resp: 22262

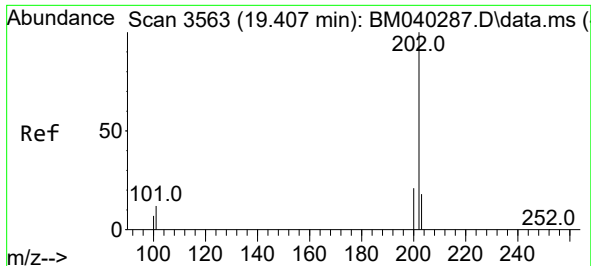
Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.4

176 19.8 15.5 23.3

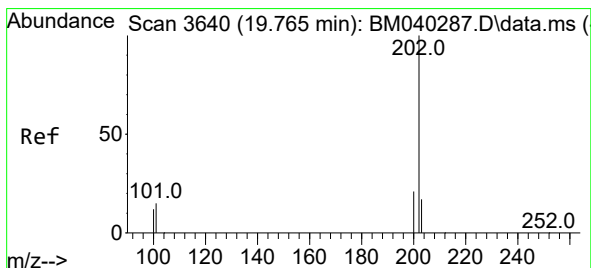
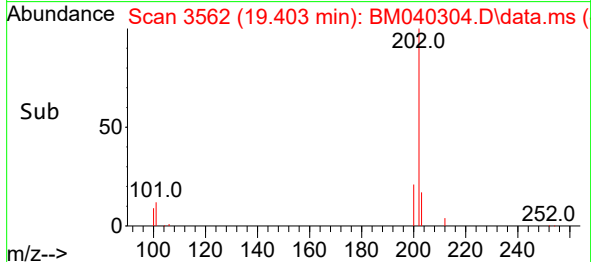
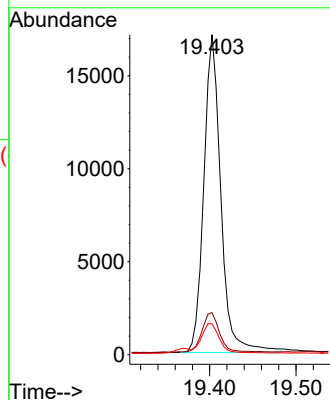
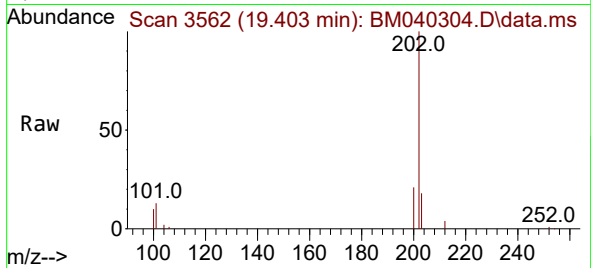




#19
Fluoranthene
Concen: 0.469 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

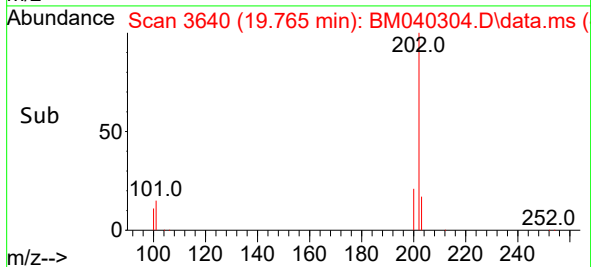
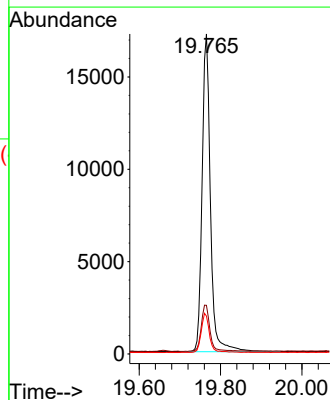
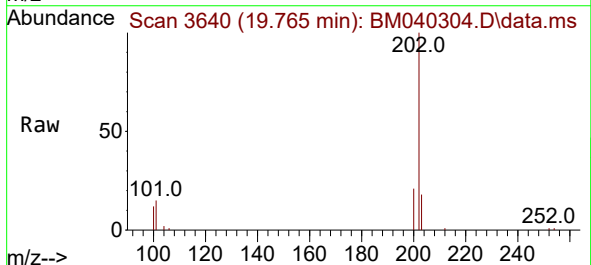
Instrument :
BNA_M
ClientSampleId :
SLCS382

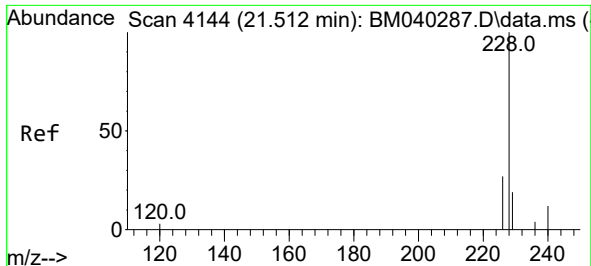
Tgt Ion:202 Resp: 23433
Ion Ratio Lower Upper
202 100
101 13.1 10.2 15.4
100 9.6 7.6 11.4



#20
Pyrene
Concen: 0.469 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

Tgt Ion:202 Resp: 24368
Ion Ratio Lower Upper
202 100
101 15.2 11.8 17.8
100 11.8 9.3 13.9

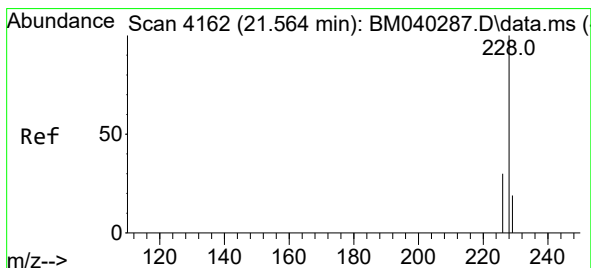
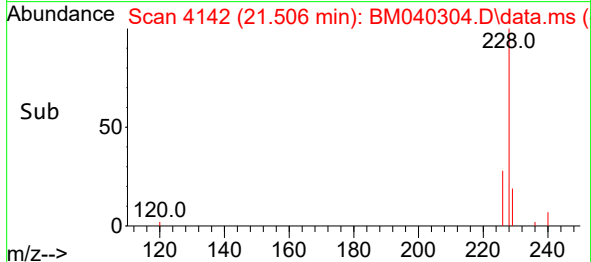
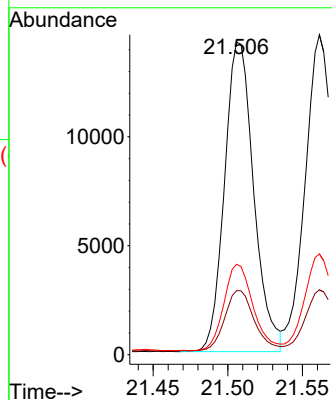
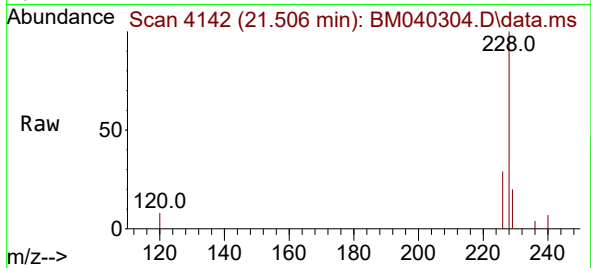




#21
Benzo(a)anthracene
Concen: 0.447 ng/ul
RT: 21.506 min Scan# 4142
Delta R.T. -0.009 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

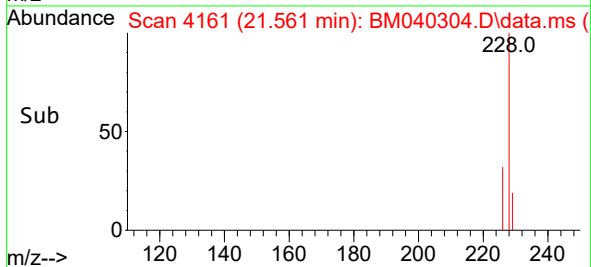
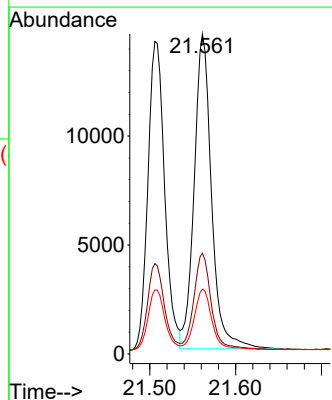
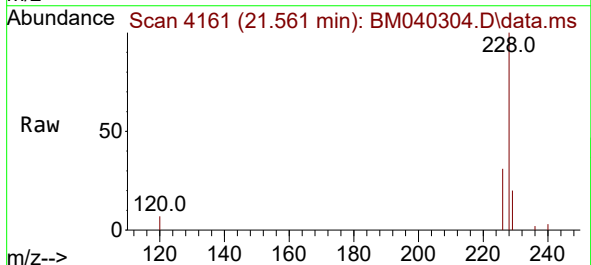
Instrument :
BNA_M
ClientSampleId :
SLCS382

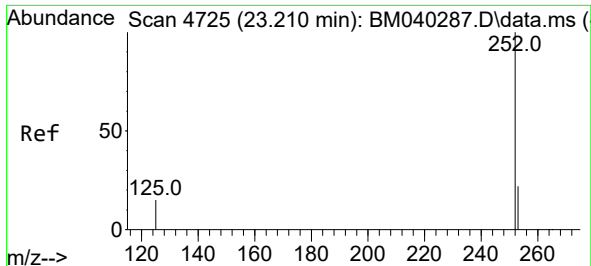
Tgt Ion:228 Resp: 19342
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.8
226 28.9 22.0 33.0



#22
Chrysene
Concen: 0.444 ng/ul
RT: 21.561 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

Tgt Ion:228 Resp: 20323
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 20.2 15.7 23.5

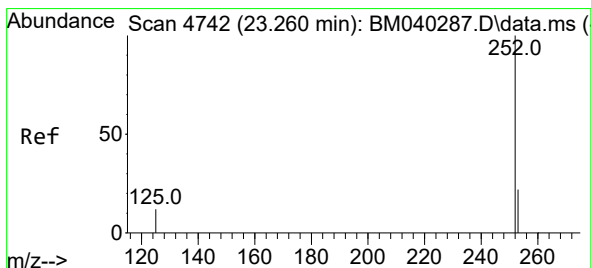
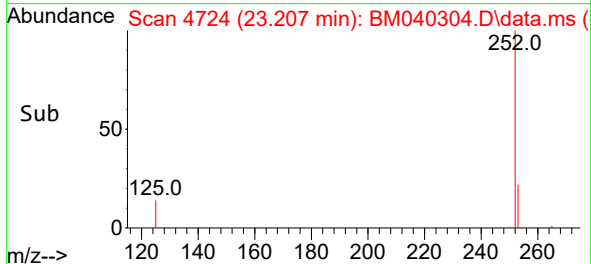
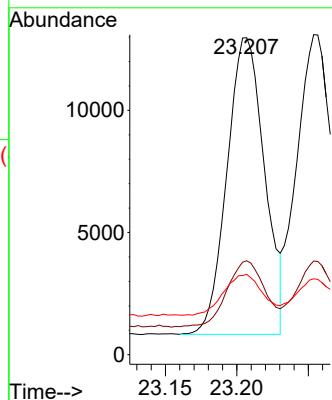
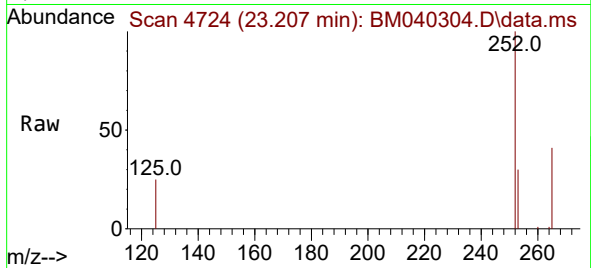




#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 23.207 min Scan# 4725
Delta R.T. -0.009 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

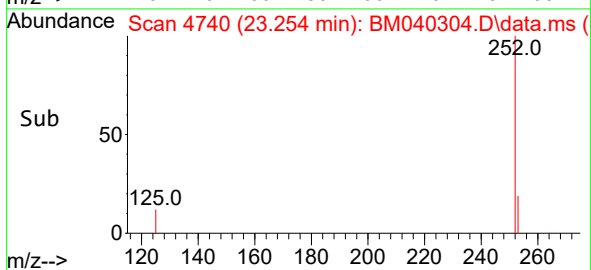
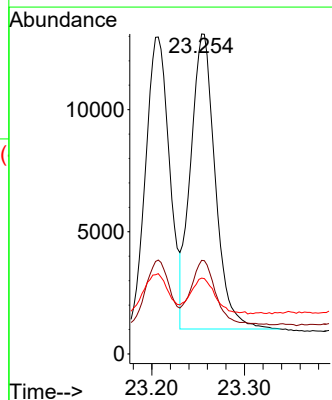
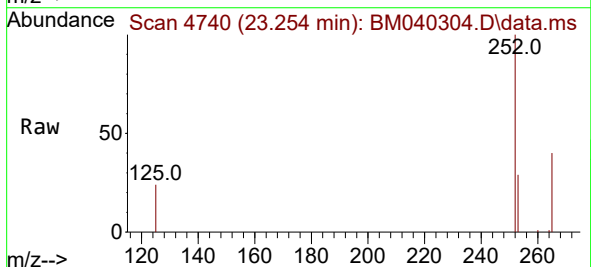
Instrument :
BNA_M
ClientSampleId :
SLCS382

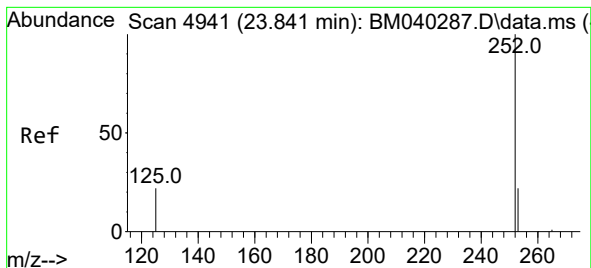
Tgt Ion:252 Resp: 22165
Ion Ratio Lower Upper
252 100
253 29.6 0.0 52.4
125 25.3 0.0 38.4



#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 23.254 min Scan# 4740
Delta R.T. -0.012 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

Tgt Ion:252 Resp: 22315
Ion Ratio Lower Upper
252 100
253 29.2 21.5 32.3
125 23.7 14.7 22.1#





#26

Benzo(a)pyrene

Concen: 0.392 ng/ul

RT: 23.838 min Scan# 4941

Delta R.T. -0.012 min

Lab File: BM040304.D

Acq: 17 Jun 2023 05:29

Instrument :

BNA_M

ClientSampleId :

SLCS382

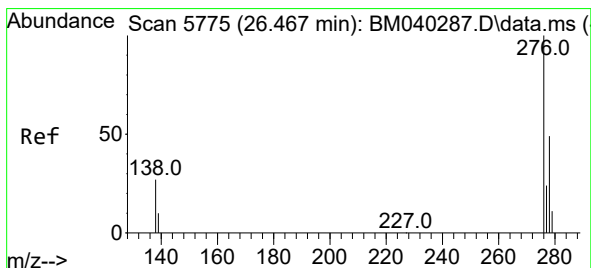
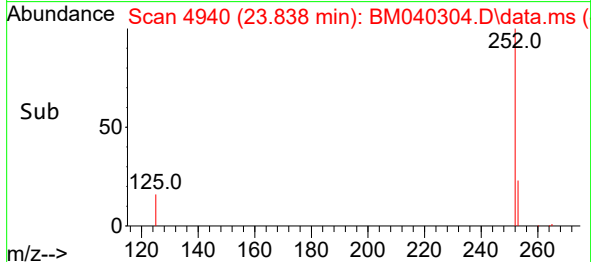
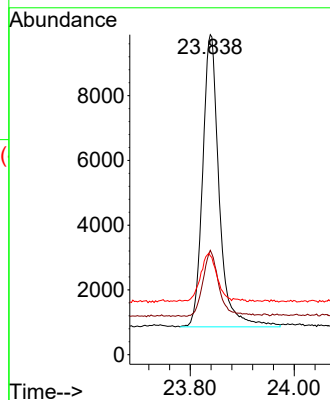
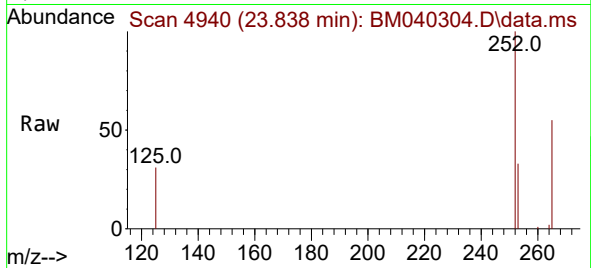
Tgt Ion:252 Resp: 19830

Ion Ratio Lower Upper

252 100

253 32.6 23.4 35.0

125 30.9 19.7 29.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.430 ng/ul

RT: 26.464 min Scan# 5774

Delta R.T. -0.014 min

Lab File: BM040304.D

Acq: 17 Jun 2023 05:29

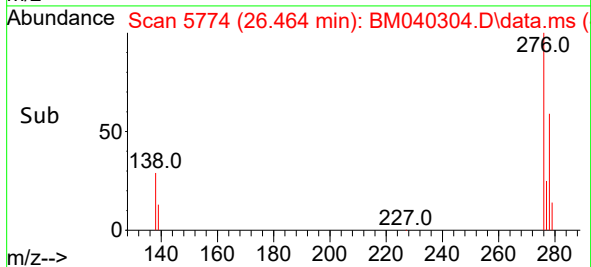
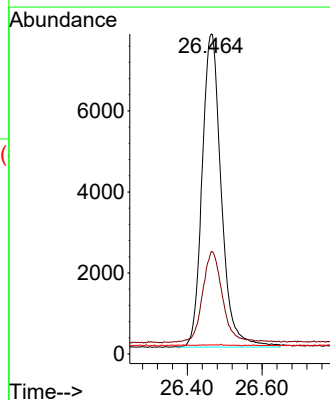
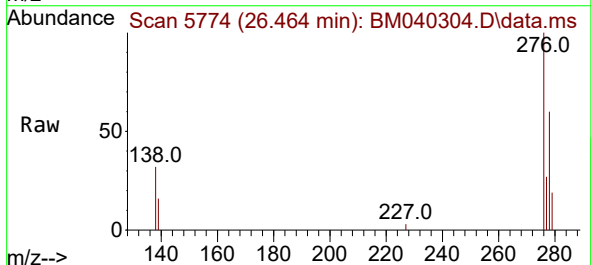
Tgt Ion:276 Resp: 27532

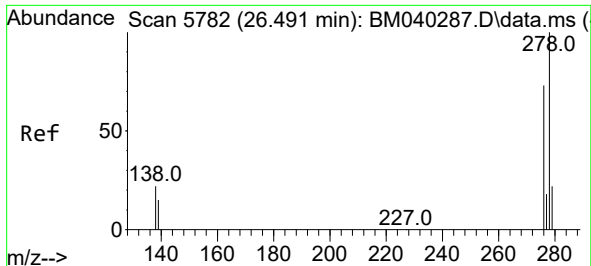
Ion Ratio Lower Upper

276 100

138 29.6 23.3 34.9

227 0.0 0.1 0.1#

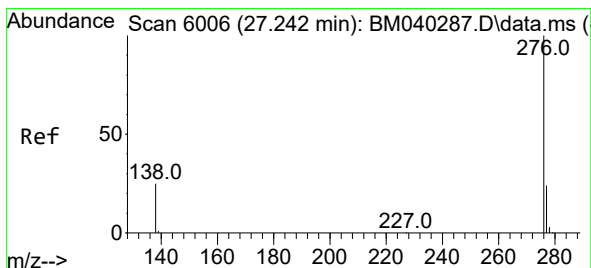
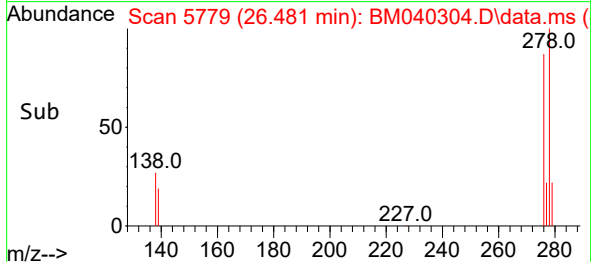
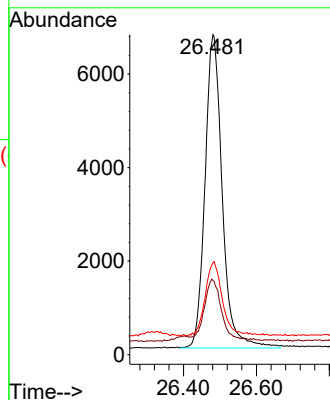
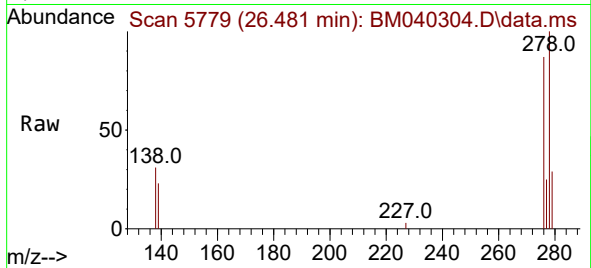




#28
Dibenzo(a,h)anthracene
Concen: 0.428 ng/ul
RT: 26.481 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

Instrument :
BNA_M
ClientSampleId :
SLCS382

Tgt Ion:278 Resp: 21982
Ion Ratio Lower Upper
278 100
139 23.2 16.4 24.6
279 28.7 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 27.235 min Scan# 6004
Delta R.T. -0.020 min
Lab File: BM040304.D
Acq: 17 Jun 2023 05:29

Tgt Ion:276 Resp: 23339
Ion Ratio Lower Upper
276 100
138 29.0 21.0 31.4
277 26.5 19.6 29.4

