

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040021.D
 Acq On : 26 May 2023 03:19
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4109

Quant Time: May 26 05:15:06 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 15:01:16 2023
 Response via : Initial Calibration

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

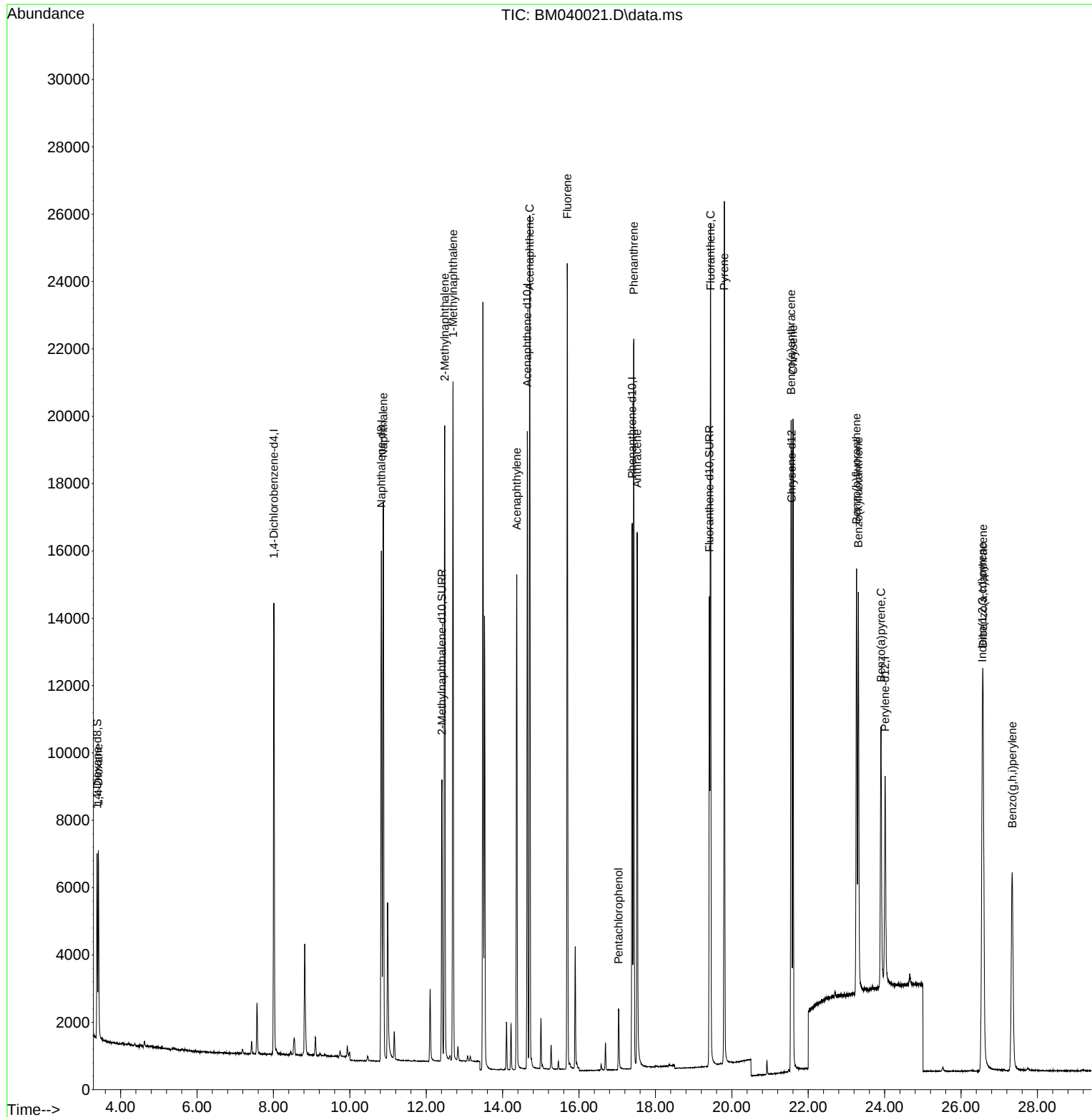
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	6741	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	20982	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	9651	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	18128	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	10045	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	9016	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	3516	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.411	152	10937	0.426	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	13680	0.452	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	3695	0.447	ng/ul	98
5) Naphthalene	10.877	128	22616	0.441	ng/ul	100
7) 2-Methylnaphthalene	12.483	142	13486	0.436	ng/ul	100
8) 1-Methylnaphthalene	12.703	142	13989	0.435	ng/ul	99
10) Acenaphthylene	14.369	152	16513	0.430	ng/ul	100
11) Acenaphthene	14.711	153	14304	0.457	ng/ul	99
12) Fluorene	15.692	166	14864	0.456	ng/ul	97
14) Pentachlorophenol	17.037	266	1319	0.359	ng/ul	100
15) Phenanthrene	17.434	178	22530	0.439	ng/ul	99
16) Anthracene	17.522	178	17913	0.416	ng/ul	99
19) Fluoranthene	19.445	202	20780	0.460	ng/ul	98
20) Pyrene	19.802	202	20360	0.444	ng/ul	98
21) Benzo(a)anthracene	21.550	228	14895	0.440	ng/ul	99
22) Chrysene	21.602	228	16762	0.466	ng/ul	99
24) Benzo(b)fluoranthene	23.266	252	16304	0.455	ng/ul	99
25) Benzo(k)fluoranthene	23.312	252	15979	0.443	ng/ul	99
26) Benzo(a)pyrene	23.903	252	13090	0.437	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.558	276	16580	0.385	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.578	278	13357	0.384	ng/ul	99
29) Benzo(g,h,i)perylene	27.339	276	13450	0.381	ng/ul	98

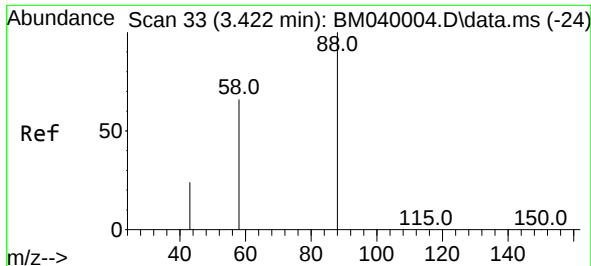
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
Data File : BM040021.D
Acq On : 26 May 2023 03:19
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4109

Quant Time: May 26 05:15:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 15:01:16 2023
Response via : Initial Calibration

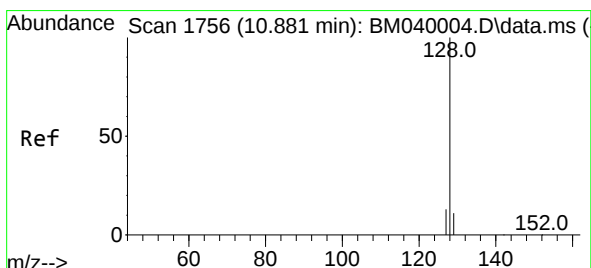
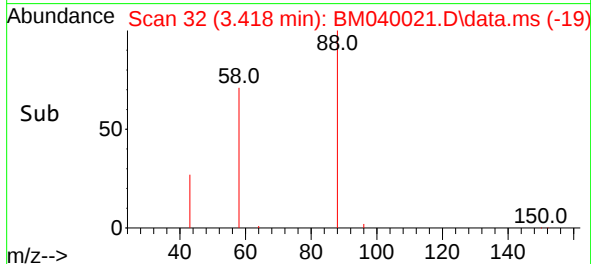
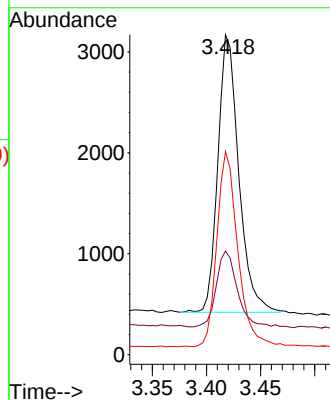
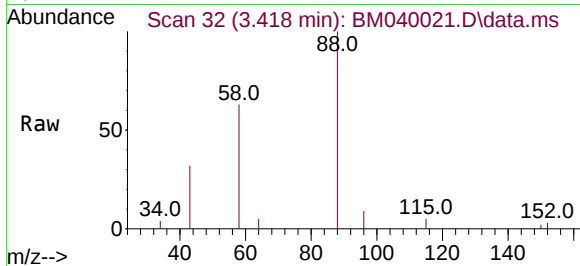




#2
1,4-Dioxane
Concen: 0.447 ng/ul
RT: 3.418 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

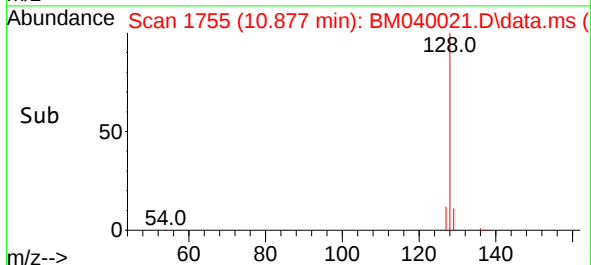
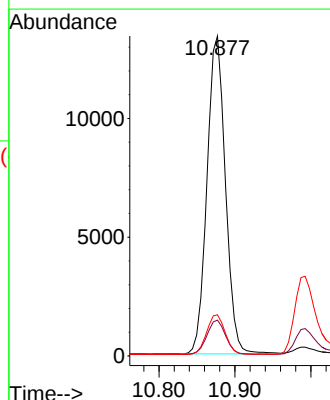
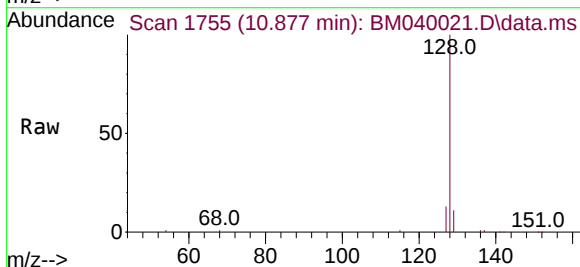
Instrument :
BNA_M
ClientSampleId :
SSTD0.4109

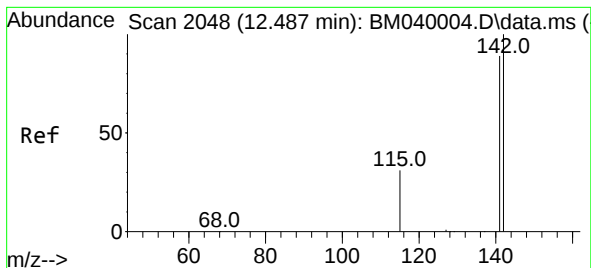
Tgt Ion: 88 Resp: 3695
Ion Ratio Lower Upper
88 100
43 32.4 25.9 38.9
58 63.5 48.5 72.7



#5
Naphthalene
Concen: 0.441 ng/ul
RT: 10.877 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

Tgt Ion: 128 Resp: 22616
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 12.8 10.5 15.7

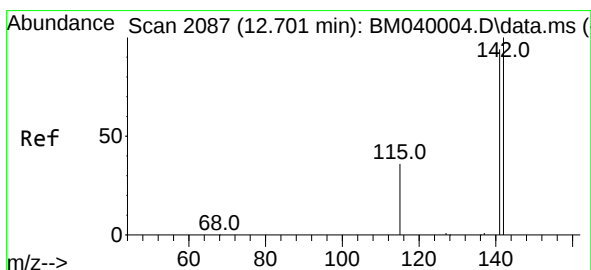
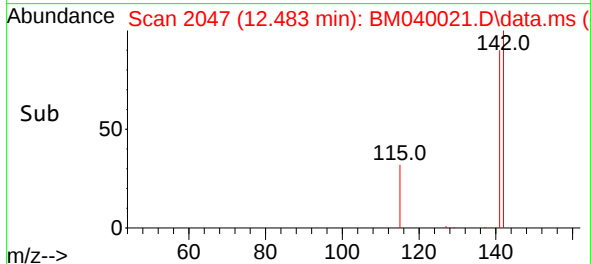
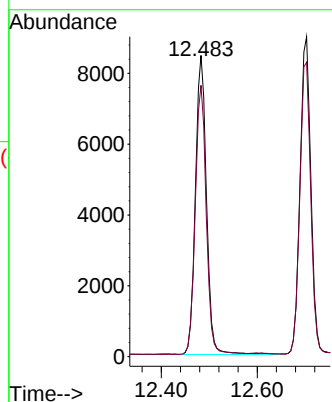
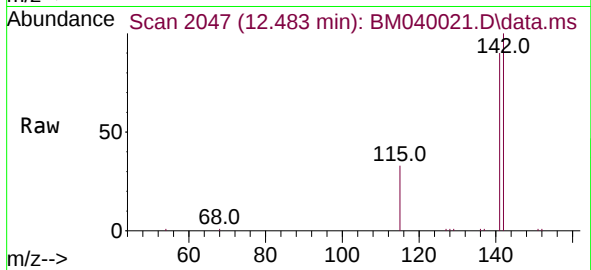




#7
2-Methylnaphthalene
Concen: 0.436 ng/ul
RT: 12.483 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

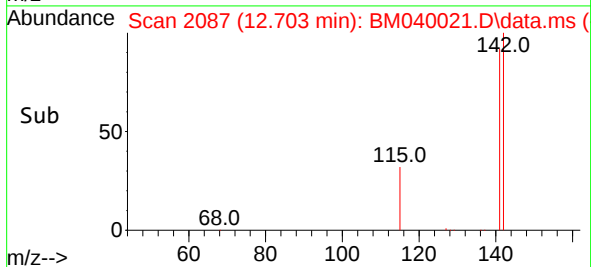
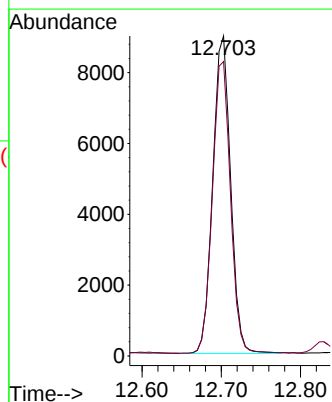
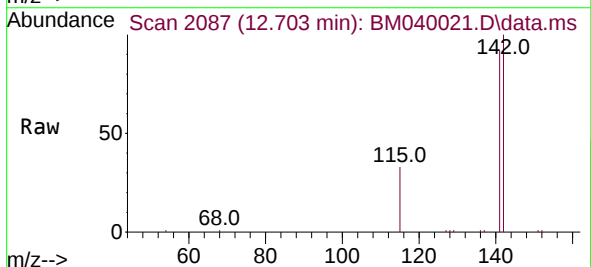
Instrument :
BNA_M
ClientSampleId :
SSTD0.4109

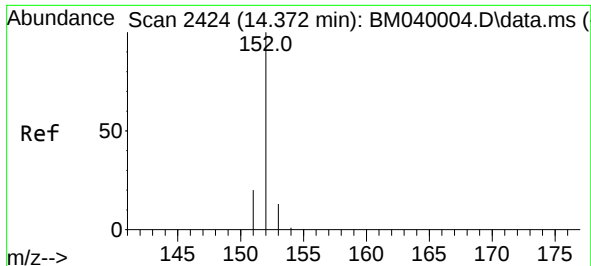
Tgt Ion:142 Resp: 13486
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.703 min Scan# 2087
Delta R.T. -0.000 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

Tgt Ion:142 Resp: 13989
Ion Ratio Lower Upper
142 100
141 93.2 73.8 110.6

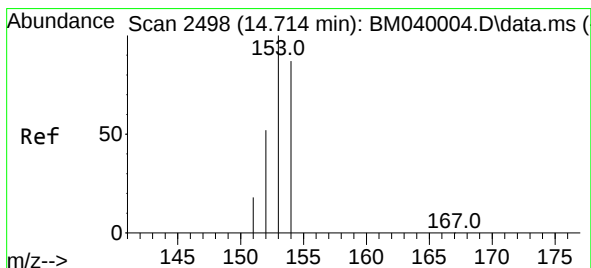
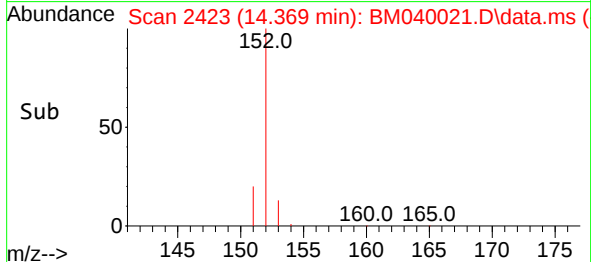
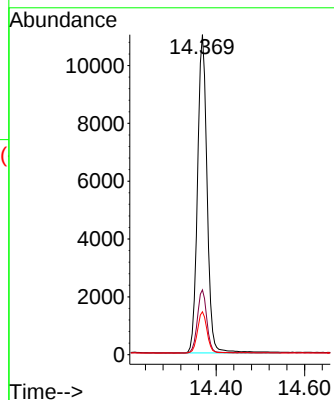
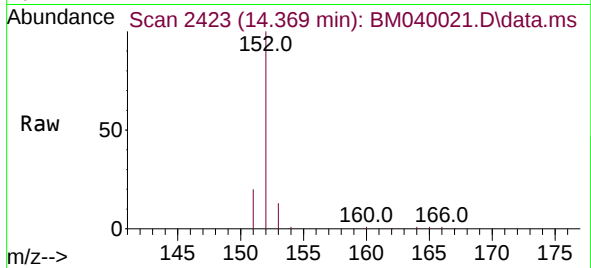




#10
Acenaphthylene
Concen: 0.430 ng/ul
RT: 14.369 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

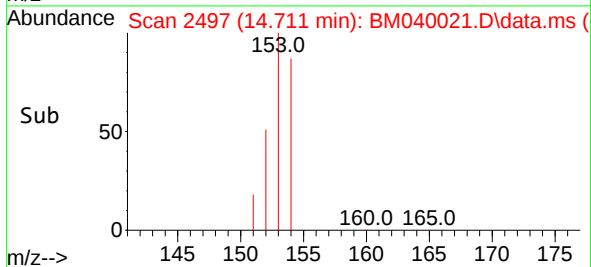
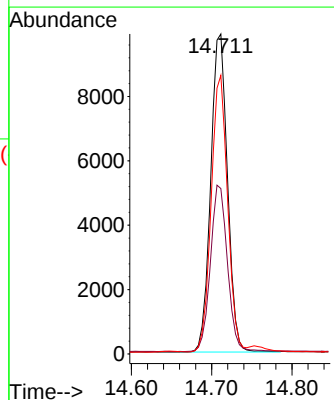
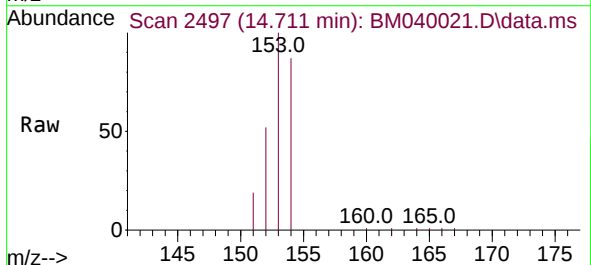
Instrument :
BNA_M
ClientSampleId :
SSTD0.4109

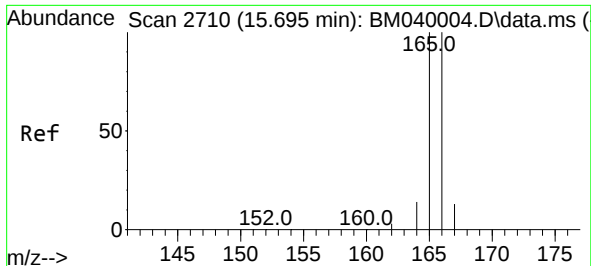
Tgt Ion:152 Resp: 16513
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.4 10.6 16.0



#11
Acenaphthene
Concen: 0.457 ng/ul
RT: 14.711 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

Tgt Ion:153 Resp: 14304
Ion Ratio Lower Upper
153 100
152 51.7 42.0 63.0
154 87.0 69.4 104.2

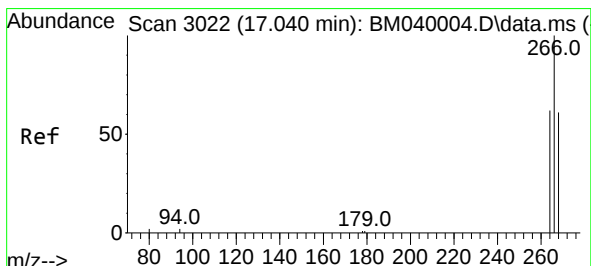
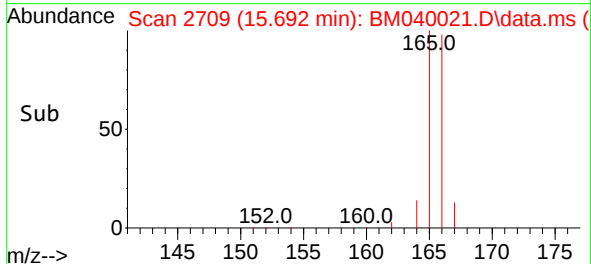
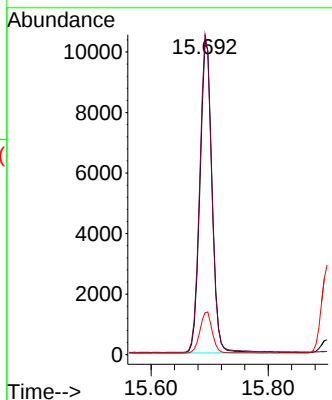
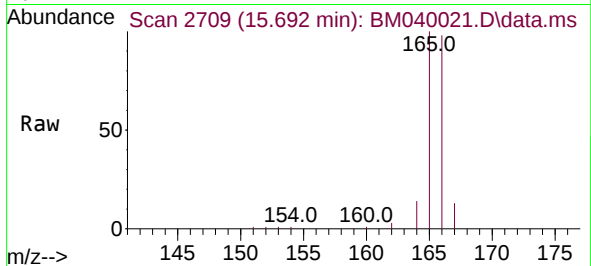




#12
 Fluorene
 Concen: 0.456 ng/ul
 RT: 15.692 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM040021.D
 Acq: 26 May 2023 03:19

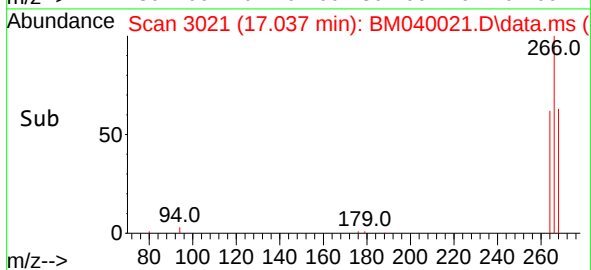
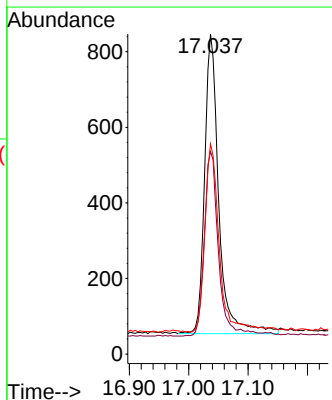
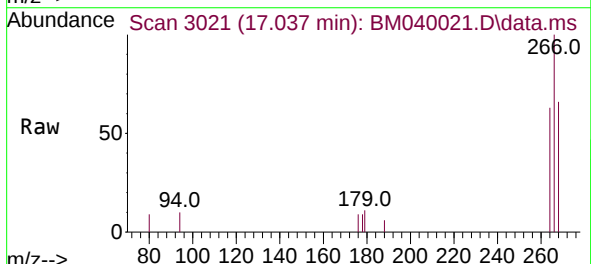
Instrument :
 BNA_M
 ClientSampleId :
 SST00.4109

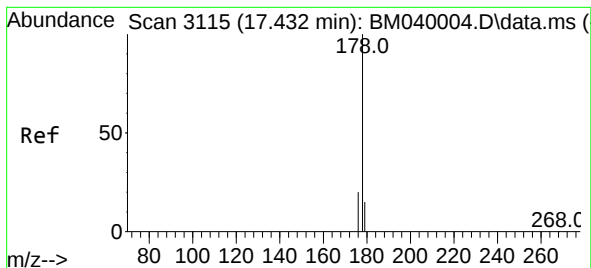
Tgt Ion:166 Resp: 14864
 Ion Ratio Lower Upper
 166 100
 165 101.9 79.3 118.9
 167 13.4 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.359 ng/ul
 RT: 17.037 min Scan# 3021
 Delta R.T. -0.004 min
 Lab File: BM040021.D
 Acq: 26 May 2023 03:19

Tgt Ion:266 Resp: 1319
 Ion Ratio Lower Upper
 266 100
 264 61.8 49.2 73.8
 268 64.6 51.9 77.9





#15

Phenanthrene

Concen: 0.439 ng/ul

RT: 17.434 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM040021.D

Acq: 26 May 2023 03:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.4109

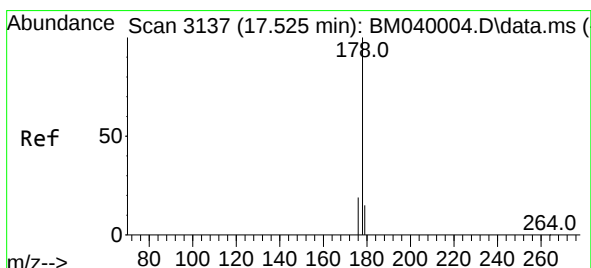
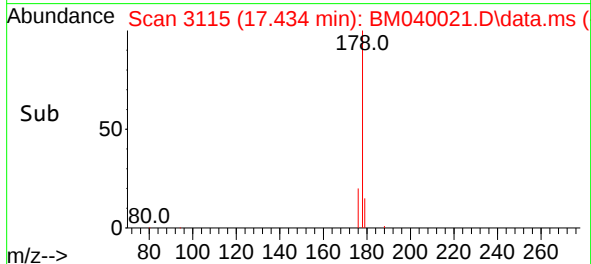
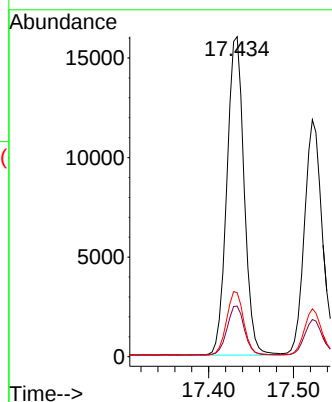
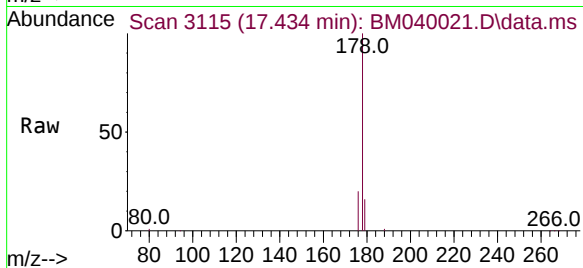
Tgt Ion:178 Resp: 22530

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 20.0 16.3 24.5



#16

Anthracene

Concen: 0.416 ng/ul

RT: 17.522 min Scan# 3136

Delta R.T. -0.004 min

Lab File: BM040021.D

Acq: 26 May 2023 03:19

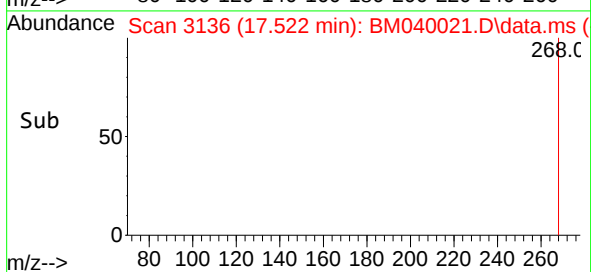
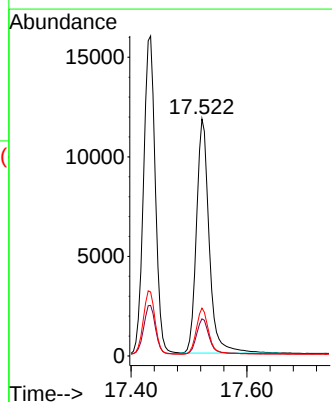
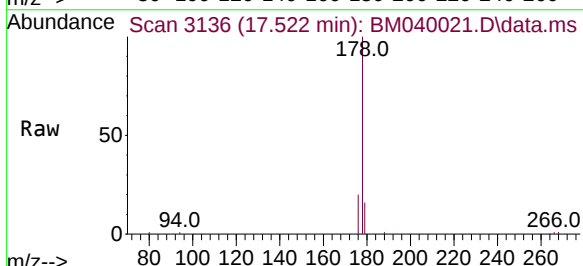
Tgt Ion:178 Resp: 17913

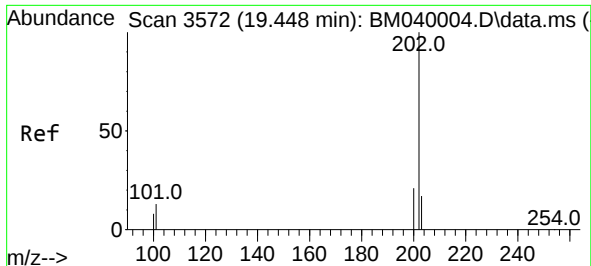
Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 20.2 15.5 23.3

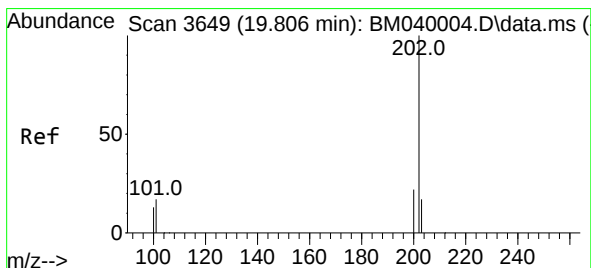
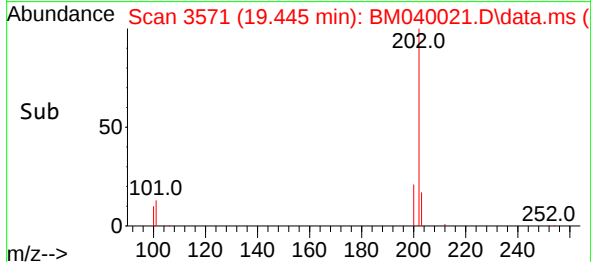
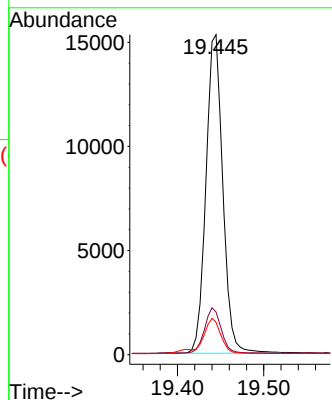
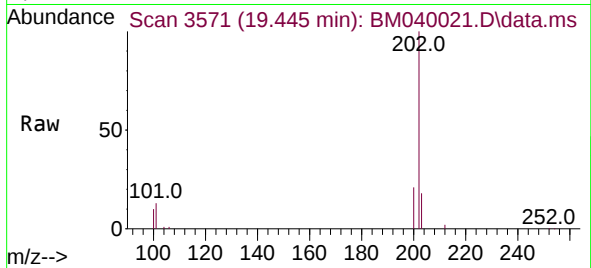




#19
Fluoranthene
Concen: 0.460 ng/ul
RT: 19.445 min Scan# 3571
Delta R.T. -0.000 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

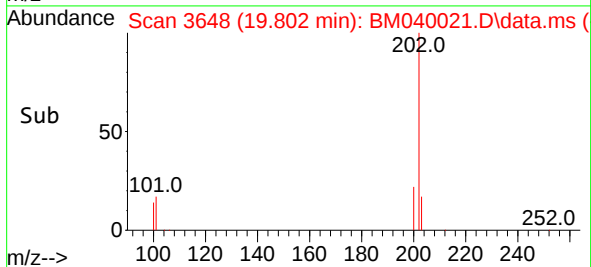
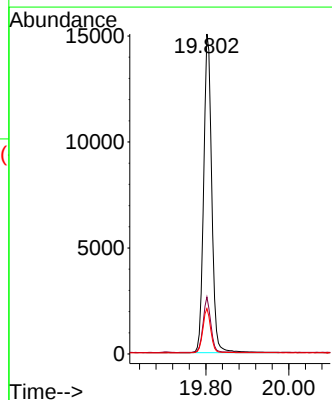
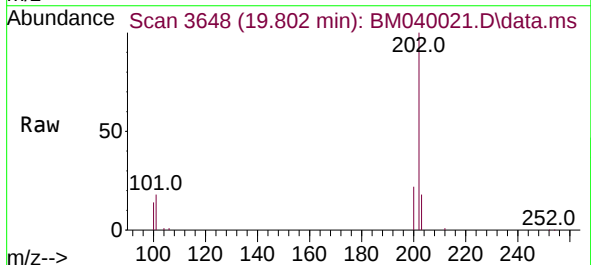
Instrument :
BNA_M
ClientSampleId :
SSTD0.4109

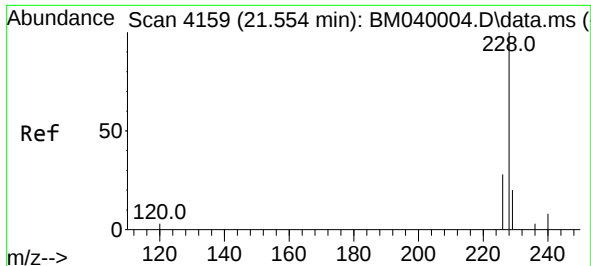
Tgt Ion:202 Resp: 20780
Ion Ratio Lower Upper
202 100
101 13.3 11.5 17.3
100 10.1 8.5 12.7



#20
Pyrene
Concen: 0.444 ng/ul
RT: 19.802 min Scan# 3648
Delta R.T. -0.005 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

Tgt Ion:202 Resp: 20360
Ion Ratio Lower Upper
202 100
101 17.8 13.3 19.9
100 14.2 10.9 16.3

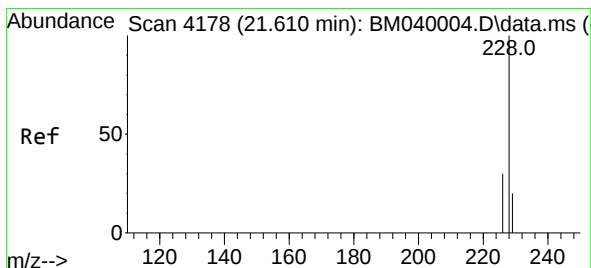
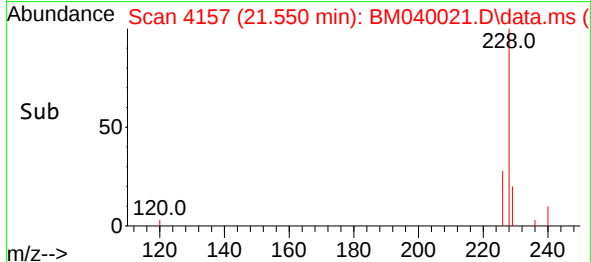
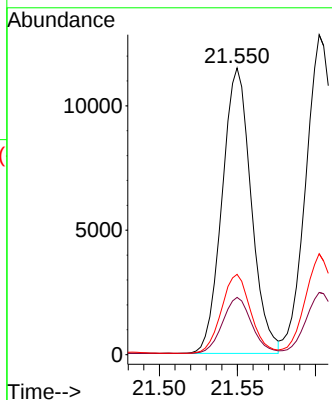
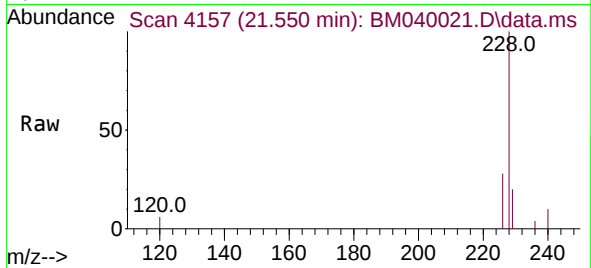




#21
Benzo(a)anthracene
Concen: 0.440 ng/ul
RT: 21.550 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

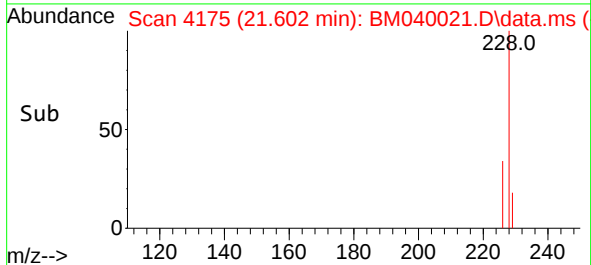
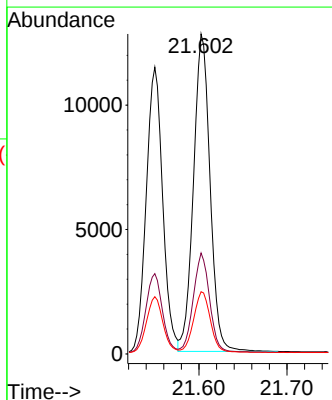
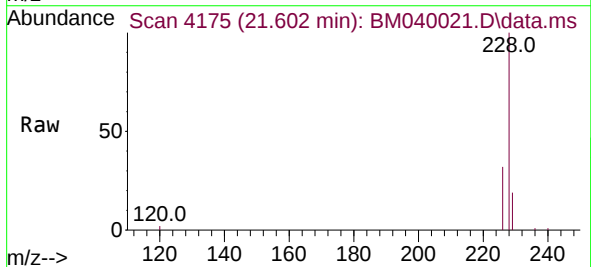
Instrument :
BNA_M
ClientSampleId :
SSTD0.4109

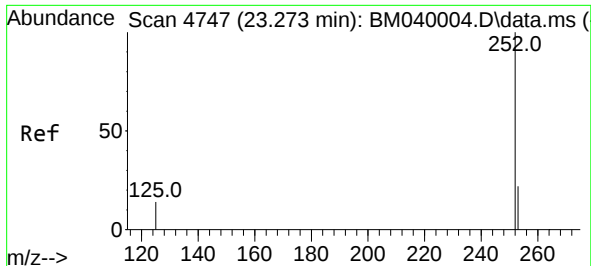
Tgt Ion:228 Resp: 14895
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 28.0 22.5 33.7



#22
Chrysene
Concen: 0.466 ng/ul
RT: 21.602 min Scan# 4175
Delta R.T. -0.009 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

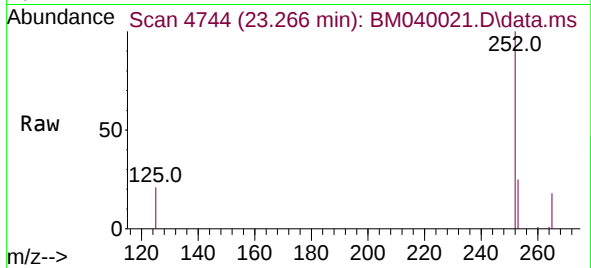
Tgt Ion:228 Resp: 16762
Ion Ratio Lower Upper
228 100
226 31.5 24.6 36.8
229 19.5 15.6 23.4



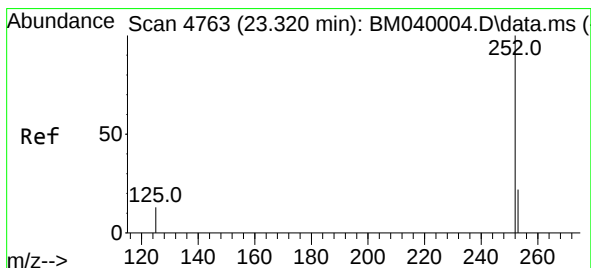
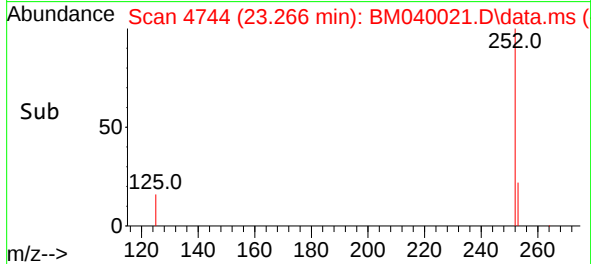
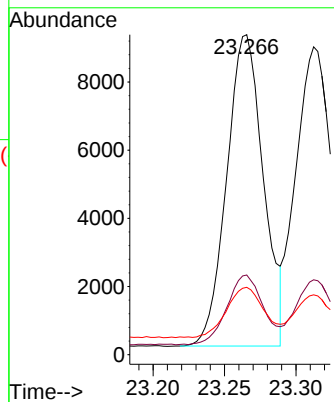


#24
Benzo(b)fluoranthene
Concen: 0.455 ng/ul
RT: 23.266 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.4109

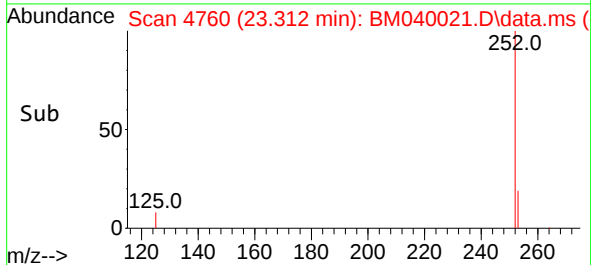
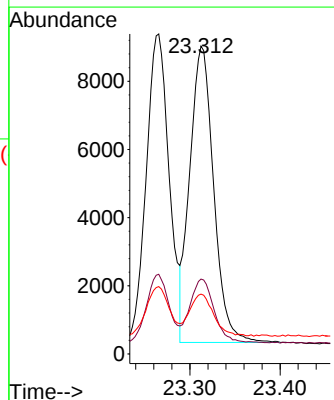
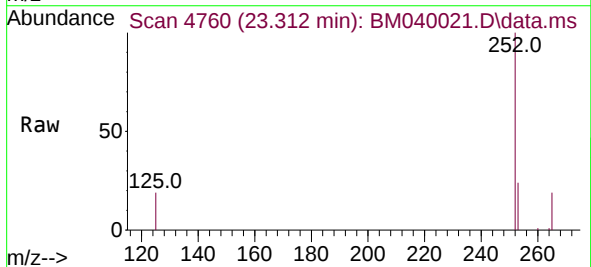


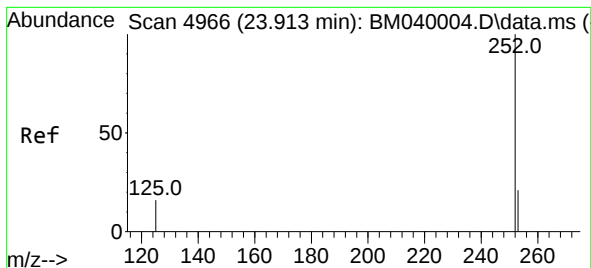
Tgt Ion:252 Resp: 16304
Ion Ratio Lower Upper
252 100
253 24.9 0.0 49.8
125 21.0 0.0 39.2



#25
Benzo(k)fluoranthene
Concen: 0.443 ng/ul
RT: 23.312 min Scan# 4760
Delta R.T. -0.012 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

Tgt Ion:252 Resp: 15979
Ion Ratio Lower Upper
252 100
253 24.3 19.7 29.5
125 19.5 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.437 ng/ul

RT: 23.903 min Scan# 4966

Delta R.T. -0.012 min

Lab File: BM040021.D

Acq: 26 May 2023 03:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.4109

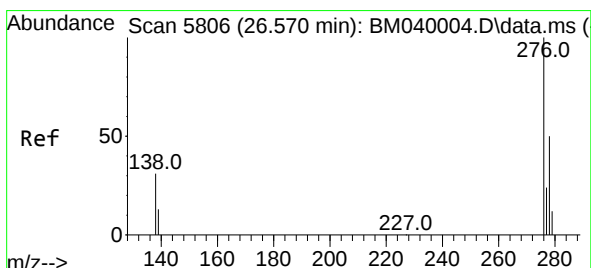
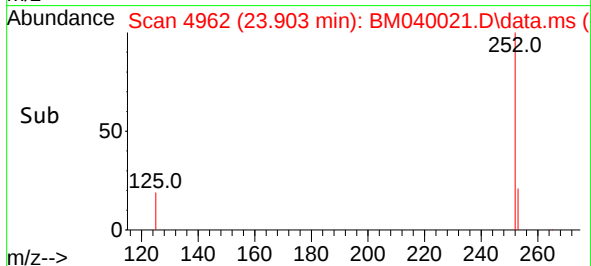
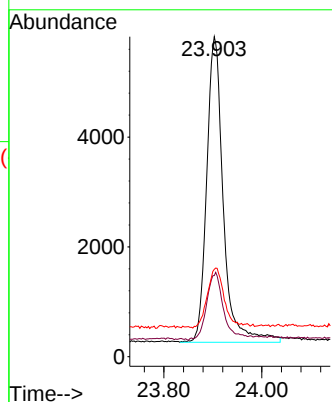
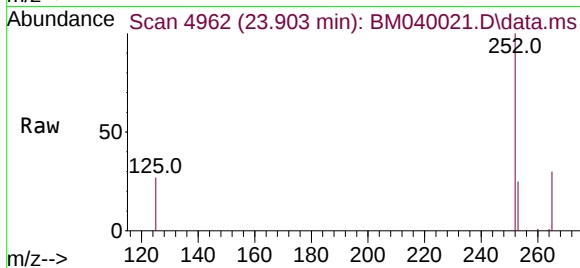
Tgt Ion:252 Resp: 13090

Ion Ratio Lower Upper

252 100

253 25.4 20.6 31.0

125 27.3 19.1 28.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.385 ng/ul

RT: 26.558 min Scan# 5802

Delta R.T. -0.013 min

Lab File: BM040021.D

Acq: 26 May 2023 03:19

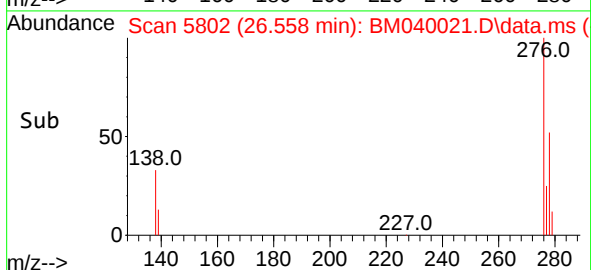
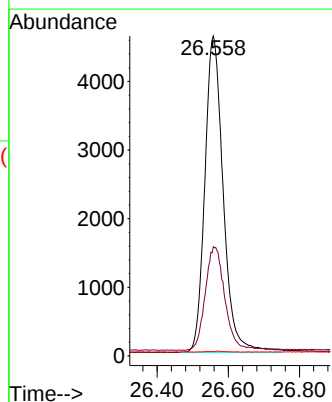
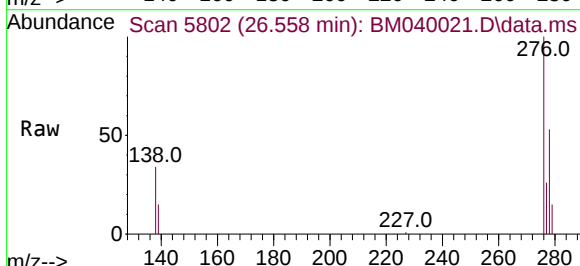
Tgt Ion:276 Resp: 16580

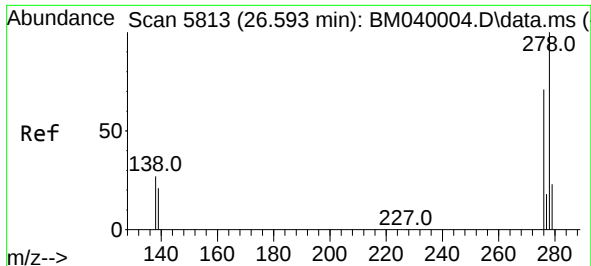
Ion Ratio Lower Upper

276 100

138 35.0 26.9 40.3

227 0.1 0.1 0.1#

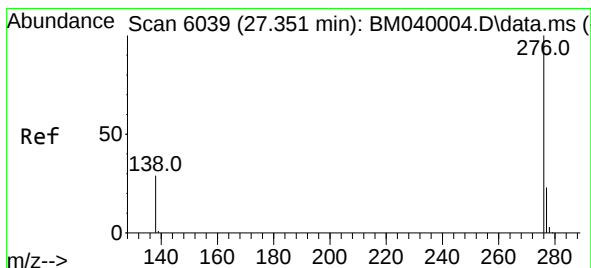
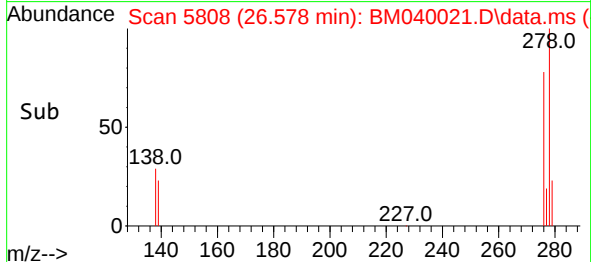
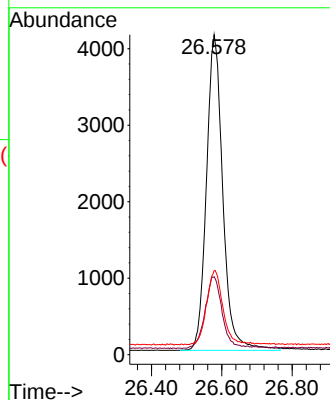
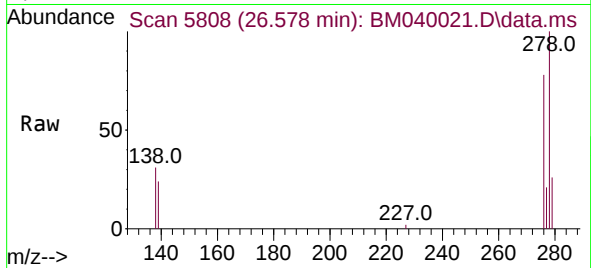




#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 26.578 min Scan# 5813
Delta R.T. -0.017 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.4109

Tgt Ion:278 Resp: 13357
Ion Ratio Lower Upper
278 100
139 24.4 19.0 28.4
279 26.2 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 27.339 min Scan# 6035
Delta R.T. -0.017 min
Lab File: BM040021.D
Acq: 26 May 2023 03:19

Tgt Ion:276 Resp: 13450
Ion Ratio Lower Upper
276 100
138 31.6 23.9 35.9
277 24.8 19.5 29.3

