

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040004.D
 Acq On : 25 May 2023 16:29
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4108

Quant Time: May 25 17:32:38 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

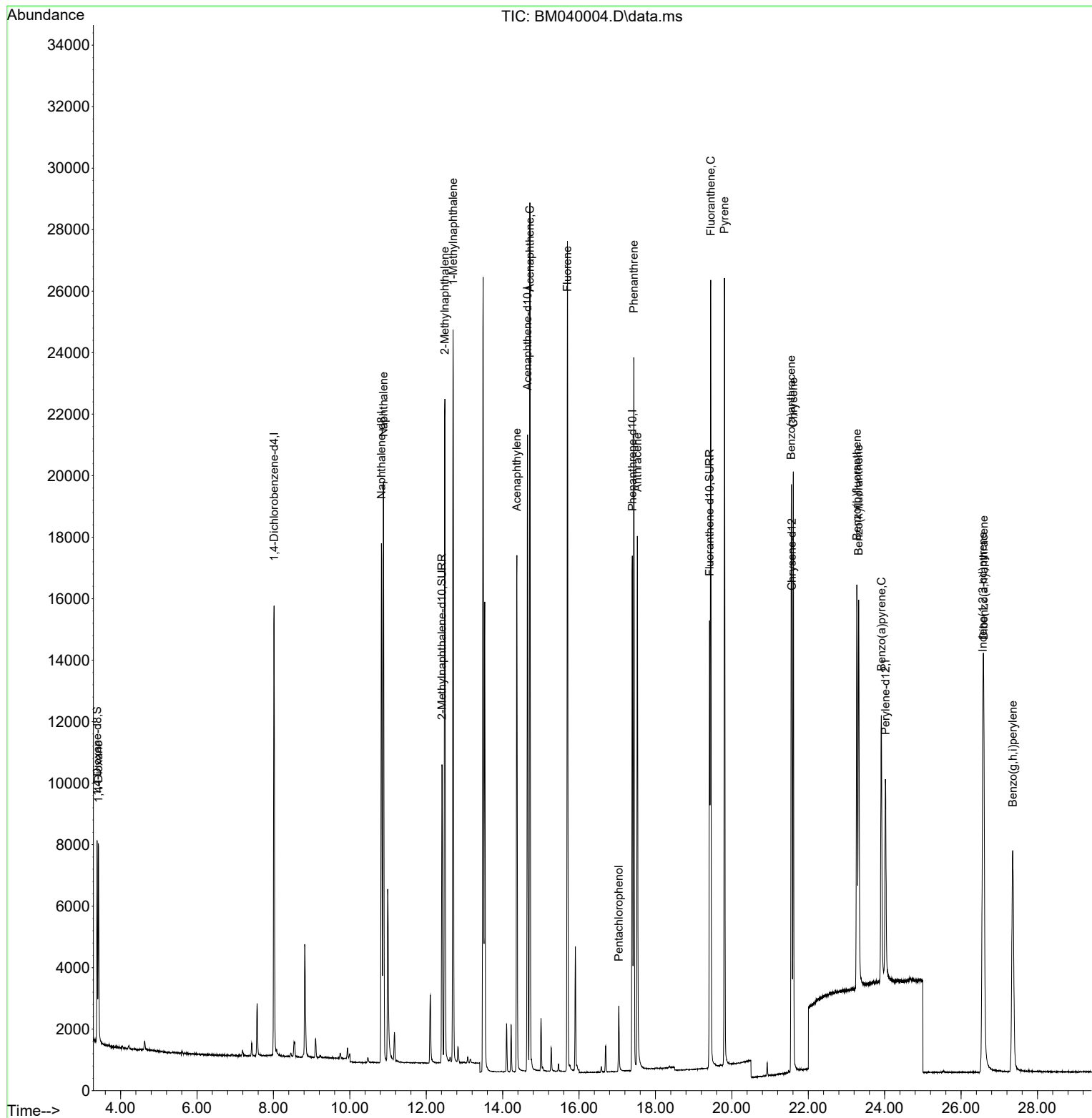
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	7465	0.400	ng/ul	0.00
4) Naphthalene-d8	10.826	136	23056	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.650	164	10668	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.394	188	18938	0.400	ng/ul	0.00
17) Chrysene-d12	21.572	240	10056	0.400	ng/ul	0.00
23) Perylene-d12	24.021	264	9708	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	4110	0.473	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.410	152	12898	0.458	ng/ul	0.00
18) Fluoranthene-d10	19.415	212	14549	0.481	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	4273	0.467	ng/ul	98
5) Naphthalene	10.881	128	26215	0.465	ng/ul	100
7) 2-Methylnaphthalene	12.487	142	15599	0.459	ng/ul	100
8) 1-Methylnaphthalene	12.701	142	16105	0.456	ng/ul	99
10) Acenaphthylene	14.372	152	18962	0.446	ng/ul	99
11) Acenaphthene	14.714	153	16131	0.466	ng/ul	100
12) Fluorene	15.695	166	16805	0.466	ng/ul	99
14) Pentachlorophenol	17.040	266	1518	0.395	ng/ul	100
15) Phenanthrene	17.432	178	24429	0.456	ng/ul	100
16) Anthracene	17.525	178	19356	0.430	ng/ul	99
19) Fluoranthene	19.448	202	21448	0.474	ng/ul	98
20) Pyrene	19.806	202	21142	0.461	ng/ul	99
21) Benzo(a)anthracene	21.554	228	15236	0.450	ng/ul	99
22) Chrysene	21.610	228	17168	0.477	ng/ul	100
24) Benzo(b)fluoranthene	23.273	252	17352	0.450	ng/ul	99
25) Benzo(k)fluoranthene	23.320	252	17050	0.439	ng/ul	99
26) Benzo(a)pyrene	23.913	252	14164	0.439	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.570	276	19571	0.422	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.593	278	15921	0.425	ng/ul	99
29) Benzo(g,h,i)perylene	27.351	276	16794	0.441	ng/ul	99

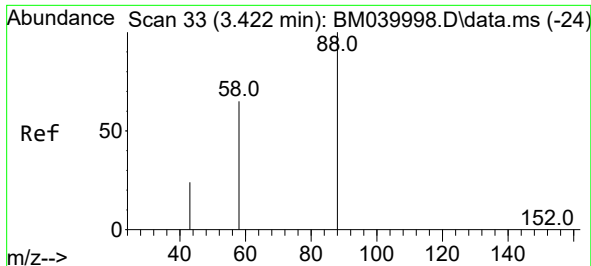
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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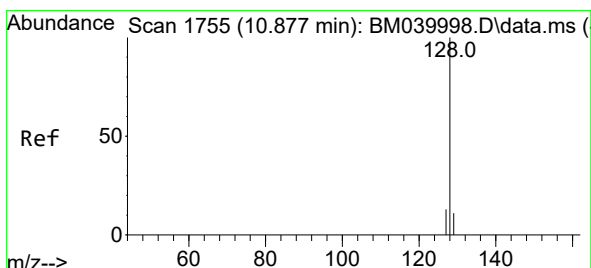
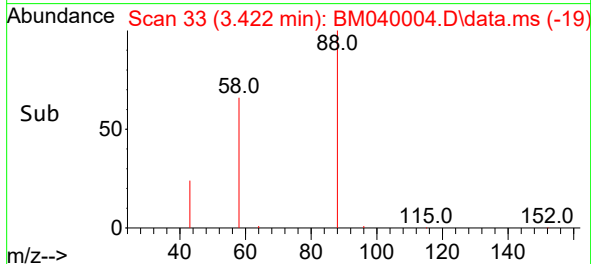
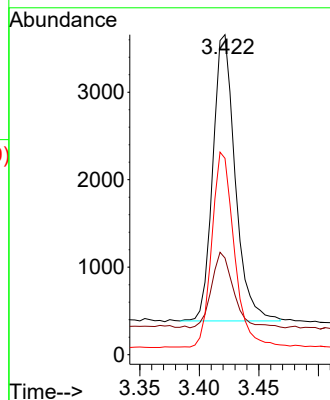
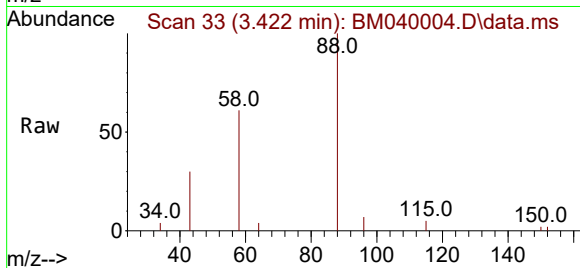




#2
1,4-Dioxane
Concen: 0.467 ng/ul
RT: 3.422 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

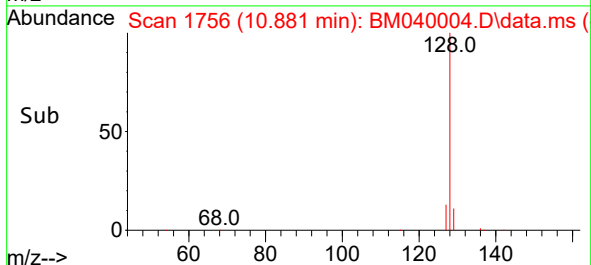
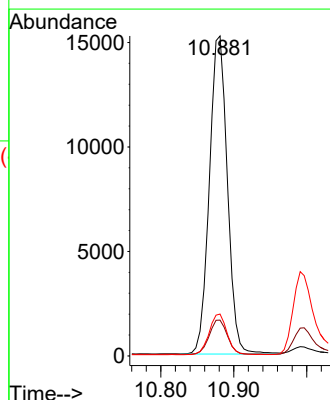
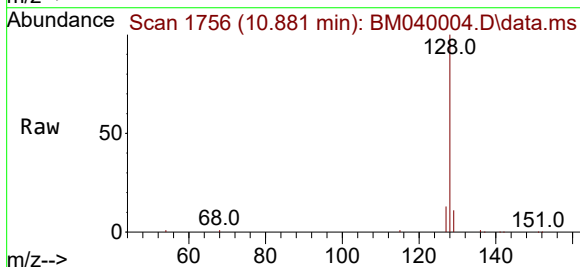
Instrument :
BNA_M
ClientSampleId :
SSTD0.4108

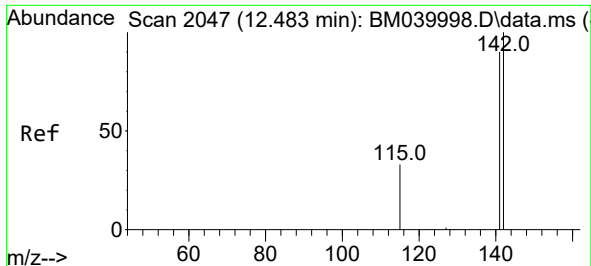
Tgt Ion: 88 Resp: 4273
Ion Ratio Lower Upper
88 100
43 30.2 25.9 38.9
58 61.3 48.5 72.7



#5
Naphthalene
Concen: 0.465 ng/ul
RT: 10.881 min Scan# 1756
Delta R.T. 0.004 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

Tgt Ion: 128 Resp: 26215
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.1 10.5 15.7

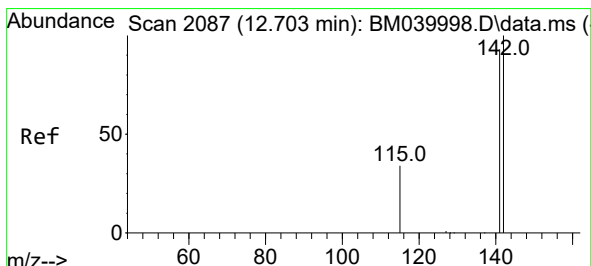
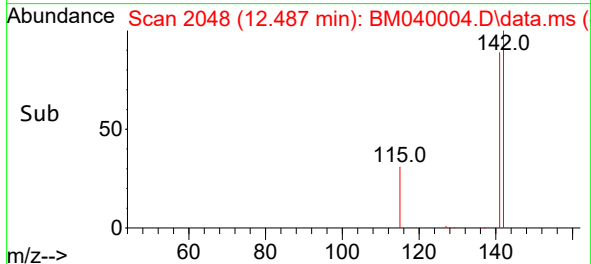
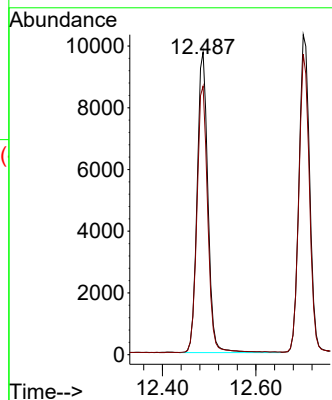
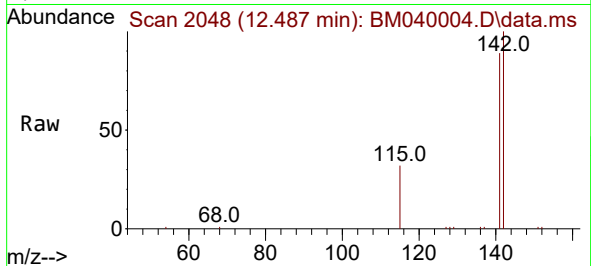




#7
2-Methylnaphthalene
Concen: 0.459 ng/ul
RT: 12.487 min Scan# 2047
Delta R.T. 0.004 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

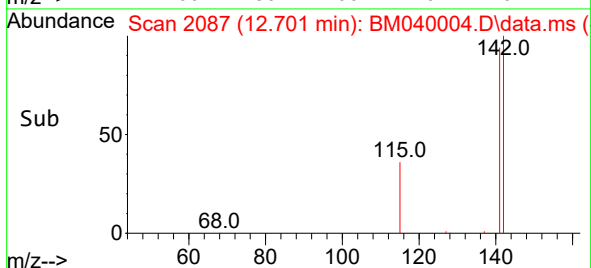
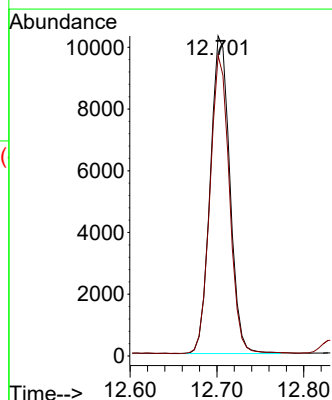
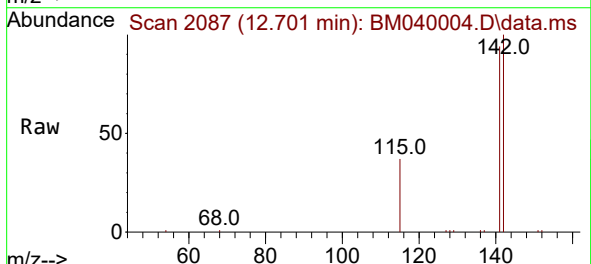
Instrument :
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ClientSampleId :
SSTD0.4108

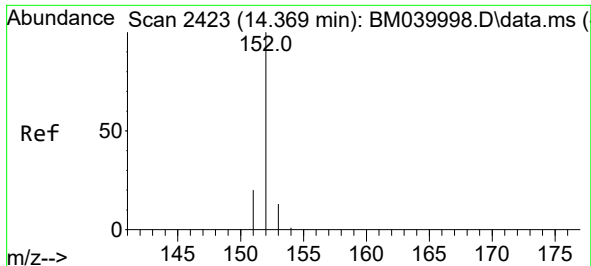
Tgt Ion:142 Resp: 15599
Ion Ratio Lower Upper
142 100
141 88.9 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.456 ng/ul
RT: 12.701 min Scan# 2087
Delta R.T. -0.001 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

Tgt Ion:142 Resp: 16105
Ion Ratio Lower Upper
142 100
141 92.8 73.8 110.6

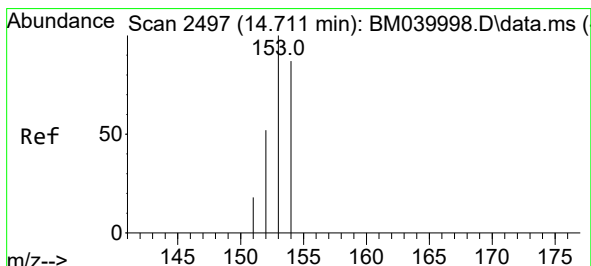
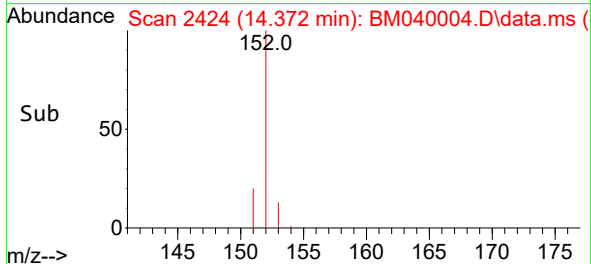
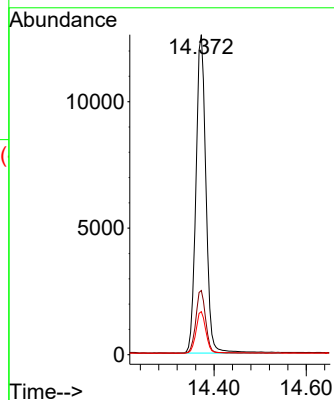
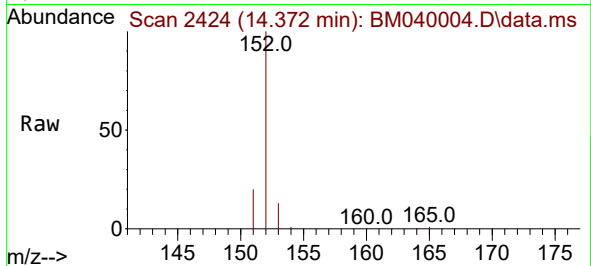




#10
Acenaphthylene
Concen: 0.446 ng/ul
RT: 14.372 min Scan# 2424
Delta R.T. 0.003 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

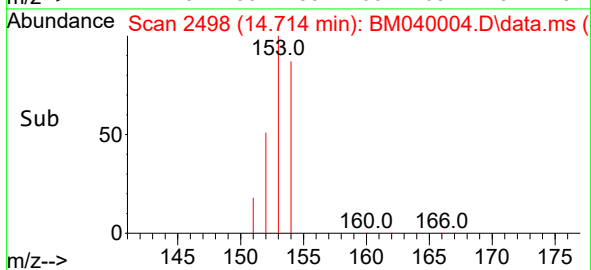
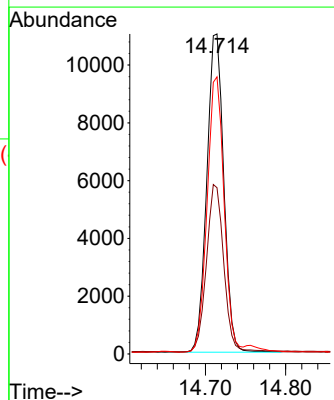
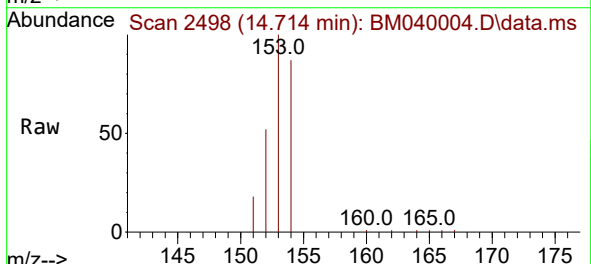
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ClientSampleId :
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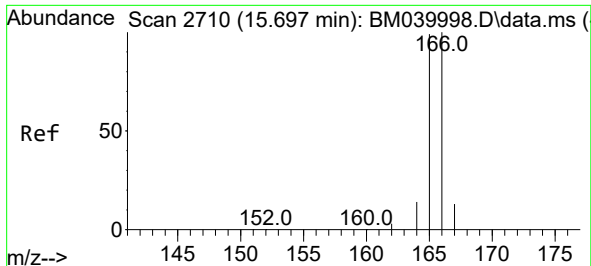
Tgt Ion:152 Resp: 18962
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.5 10.6 16.0



#11
Acenaphthene
Concen: 0.466 ng/ul
RT: 14.714 min Scan# 2498
Delta R.T. 0.003 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

Tgt Ion:153 Resp: 16131
Ion Ratio Lower Upper
153 100
152 51.9 42.0 63.0
154 86.6 69.4 104.2

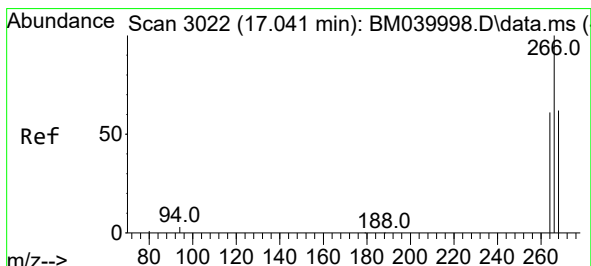
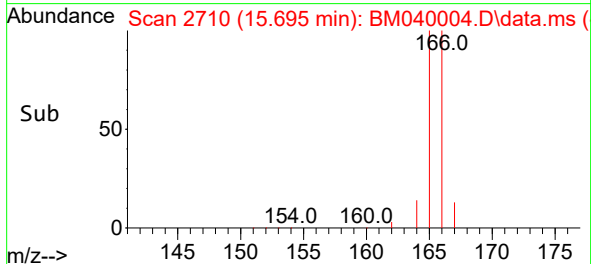
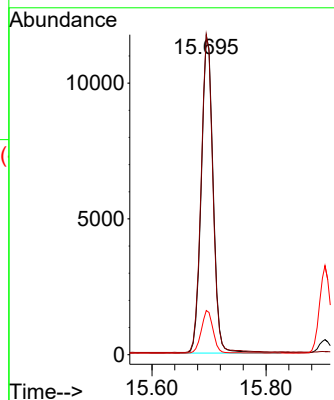
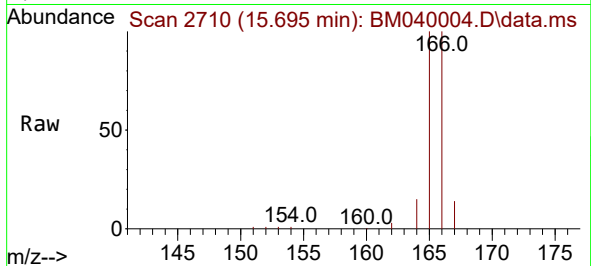




#12
 Fluorene
 Concen: 0.466 ng/ul
 RT: 15.695 min Scan# 2710
 Delta R.T. -0.001 min
 Lab File: BM040004.D
 Acq: 25 May 2023 16:29

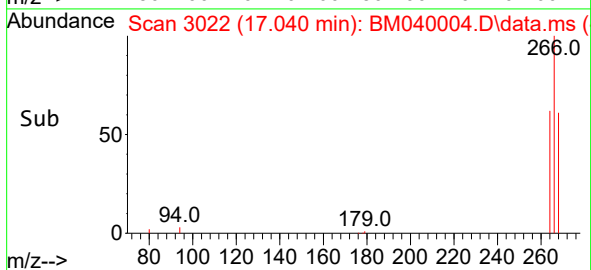
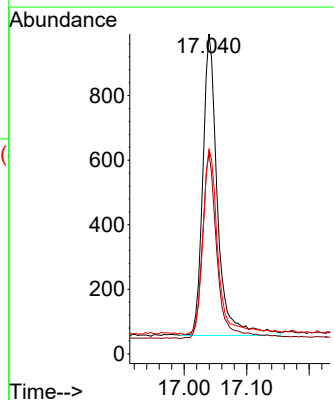
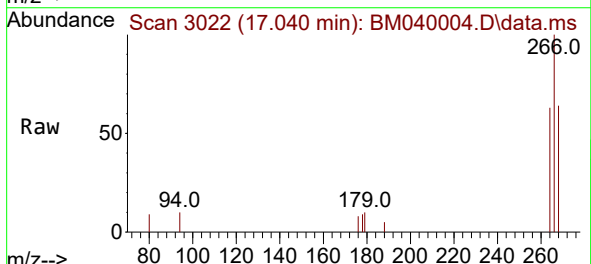
Instrument :
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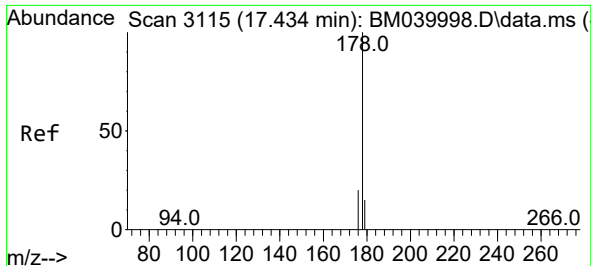
Tgt Ion:166 Resp: 16805
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.3 118.9
 167 13.8 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.395 ng/ul
 RT: 17.040 min Scan# 3022
 Delta R.T. -0.002 min
 Lab File: BM040004.D
 Acq: 25 May 2023 16:29

Tgt Ion:266 Resp: 1518
 Ion Ratio Lower Upper
 266 100
 264 61.4 49.2 73.8
 268 64.4 51.9 77.9

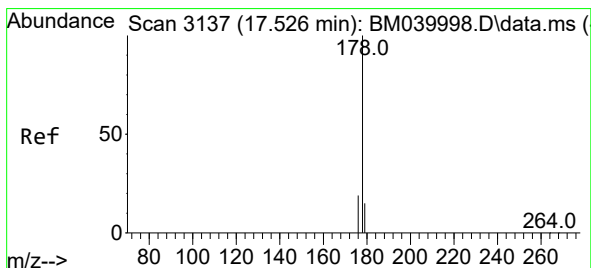
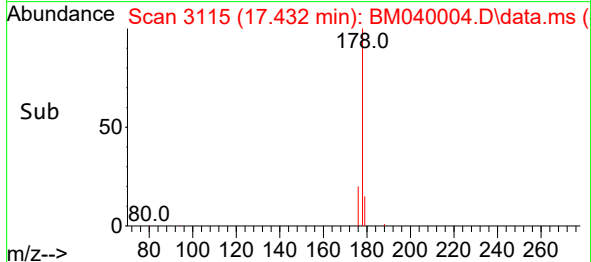
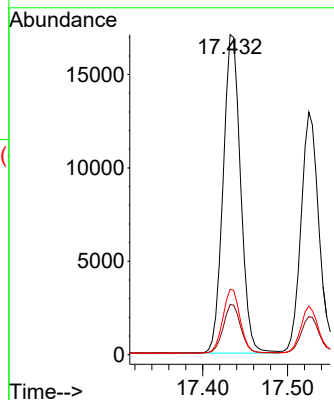
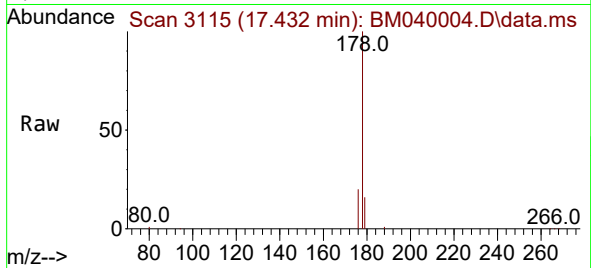




#15
Phenanthrene
Concen: 0.456 ng/ul
RT: 17.432 min Scan# 3115
Delta R.T. -0.002 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

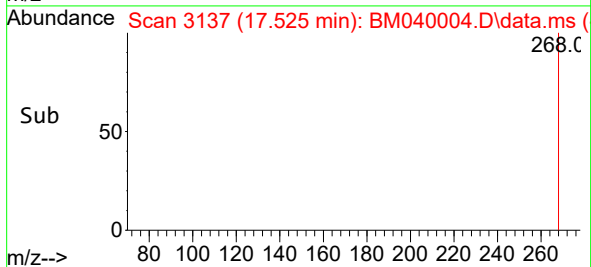
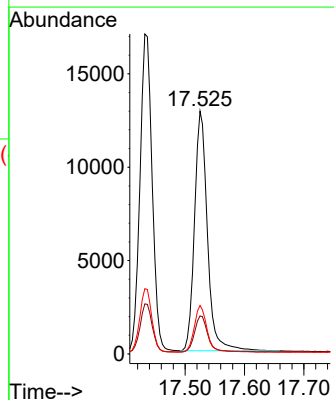
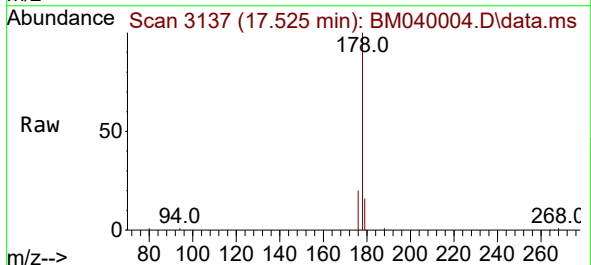
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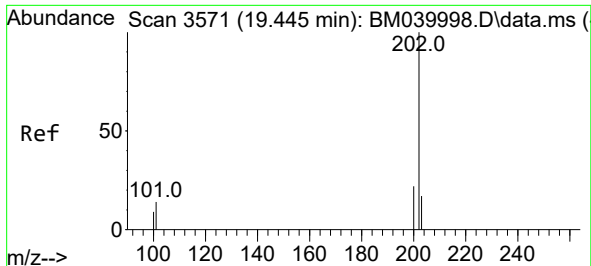
Tgt Ion:178 Resp: 24429
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 20.4 16.3 24.5



#16
Anthracene
Concen: 0.430 ng/ul
RT: 17.525 min Scan# 3137
Delta R.T. -0.001 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

Tgt Ion:178 Resp: 19356
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 20.0 15.5 23.3

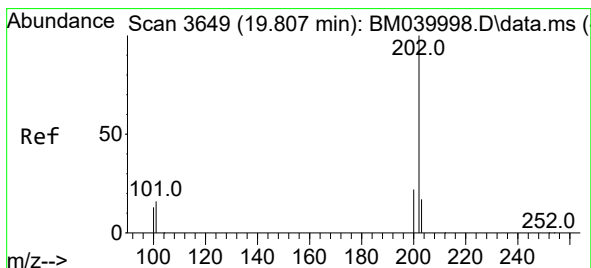
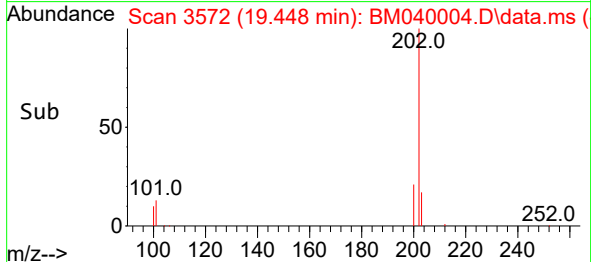
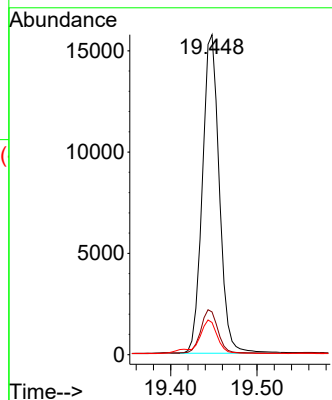
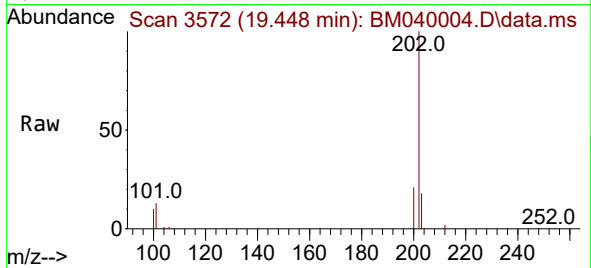




#19
Fluoranthene
Concen: 0.474 ng/ul
RT: 19.448 min Scan# 3571
Delta R.T. 0.003 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

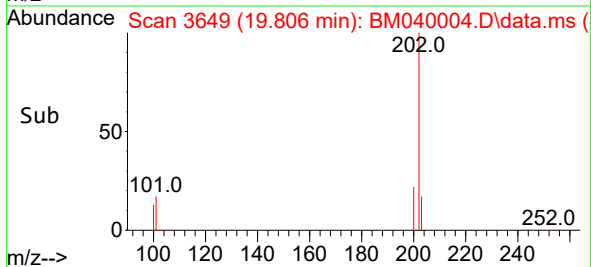
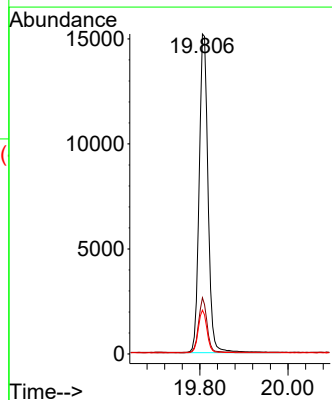
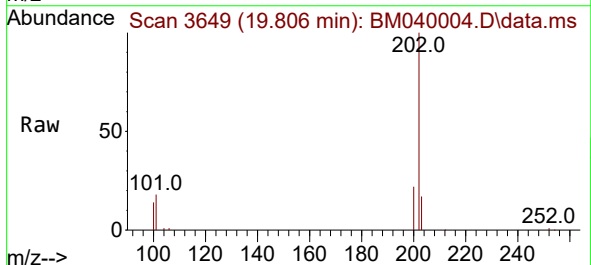
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SSTD0.4108

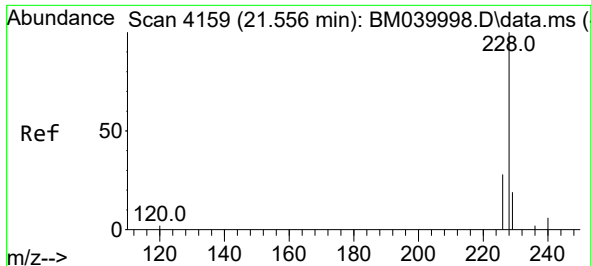
Tgt Ion:202 Resp: 21448
Ion Ratio Lower Upper
202 100
101 13.3 11.5 17.3
100 10.1 8.5 12.7



#20
Pyrene
Concen: 0.461 ng/ul
RT: 19.806 min Scan# 3649
Delta R.T. -0.001 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

Tgt Ion:202 Resp: 21142
Ion Ratio Lower Upper
202 100
101 17.5 13.3 19.9
100 13.7 10.9 16.3

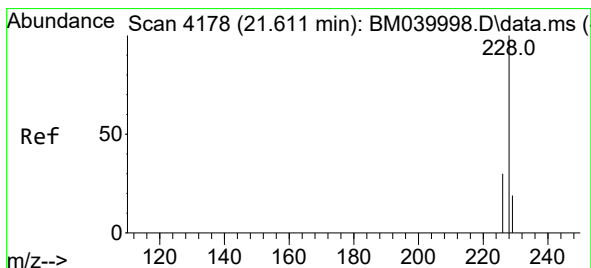
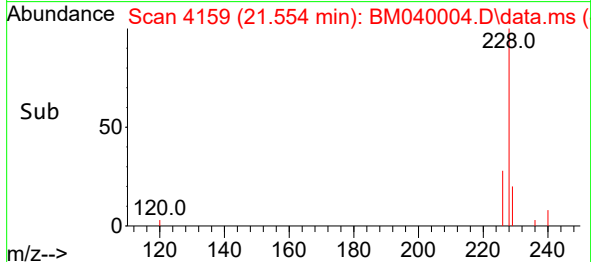
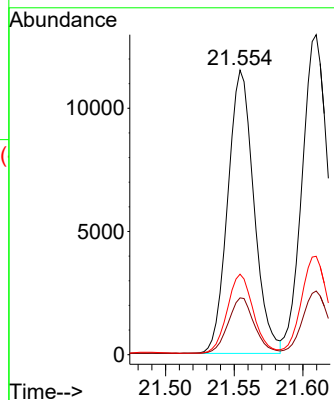
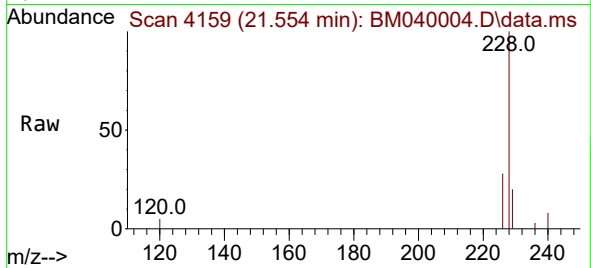




#21
Benzo(a)anthracene
Concen: 0.450 ng/ul
RT: 21.554 min Scan# 4159
Delta R.T. -0.002 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

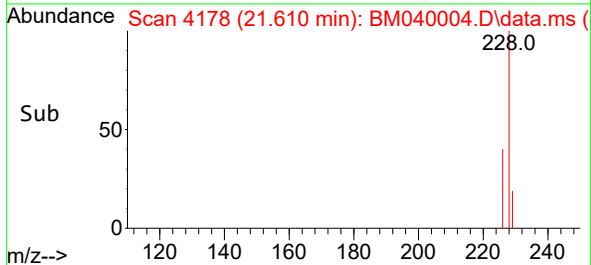
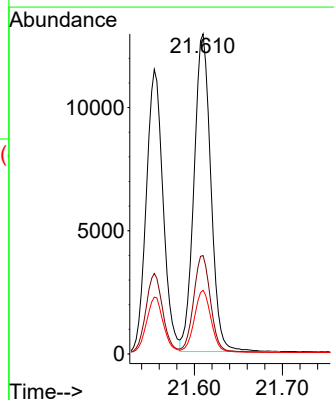
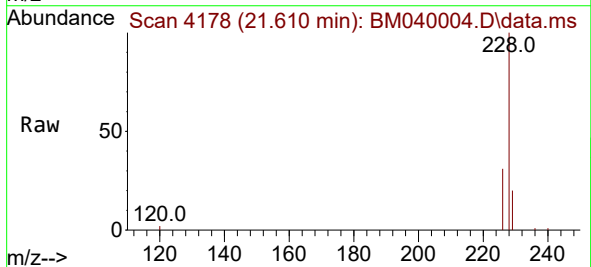
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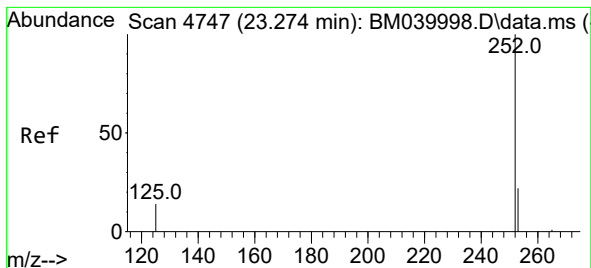
Tgt Ion:228 Resp: 15236
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 28.3 22.5 33.7



#22
Chrysene
Concen: 0.477 ng/ul
RT: 21.610 min Scan# 4178
Delta R.T. -0.002 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

Tgt Ion:228 Resp: 17168
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 19.9 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.450 ng/ul

RT: 23.273 min Scan# 41

Delta R.T. -0.002 min

Lab File: BM040004.D

Acq: 25 May 2023 16:29

Instrument :

BNA_M

ClientSampleId :

SSTD0.4108

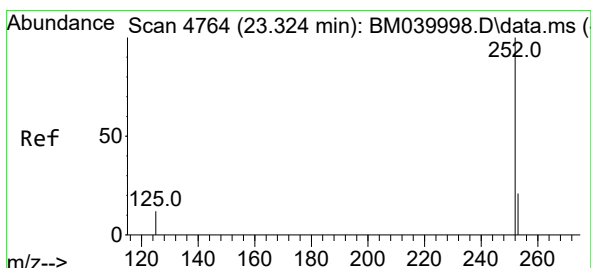
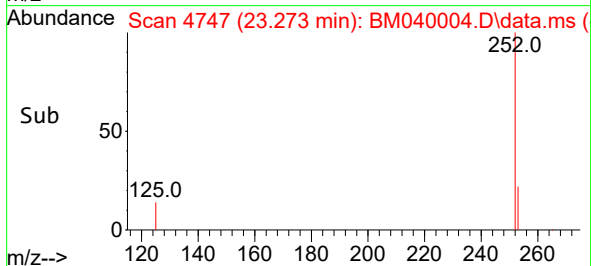
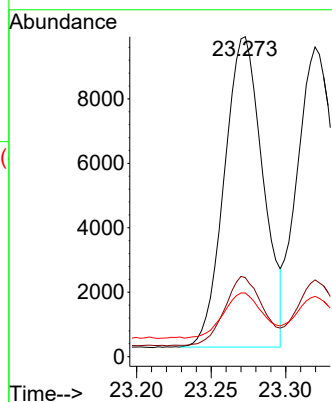
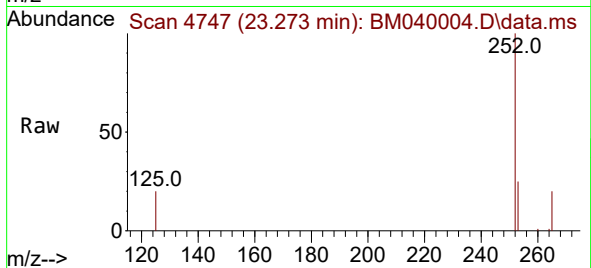
Tgt Ion:252 Resp: 17352

Ion Ratio Lower Upper

252 100

253 24.7 0.0 49.8

125 19.9 0.0 39.2



#25

Benzo(k)fluoranthene

Concen: 0.439 ng/ul

RT: 23.320 min Scan# 4763

Delta R.T. -0.004 min

Lab File: BM040004.D

Acq: 25 May 2023 16:29

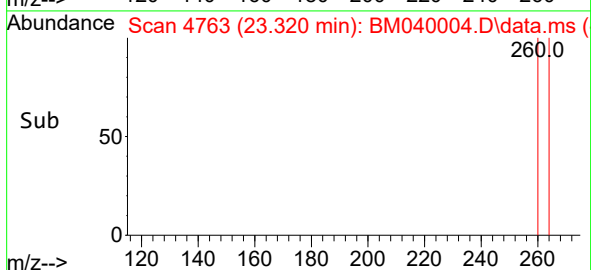
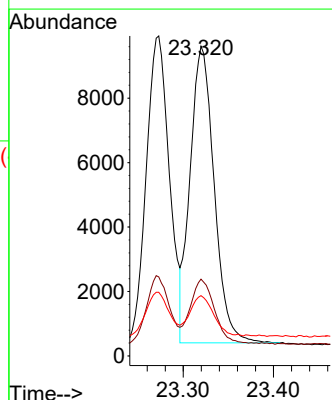
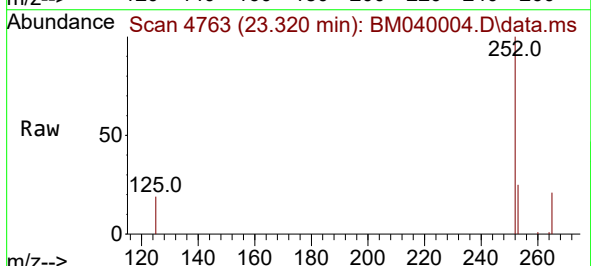
Tgt Ion:252 Resp: 17050

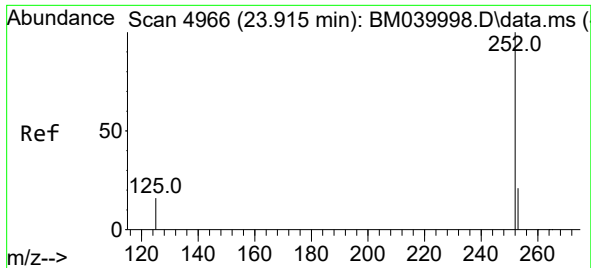
Ion Ratio Lower Upper

252 100

253 24.8 19.7 29.5

125 19.5 15.0 22.4

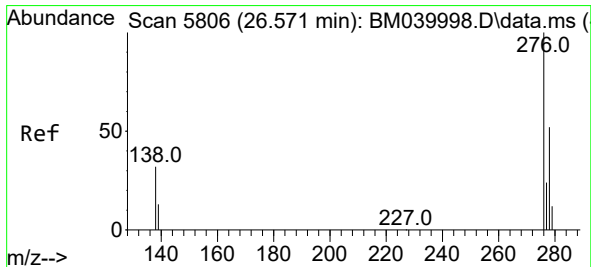
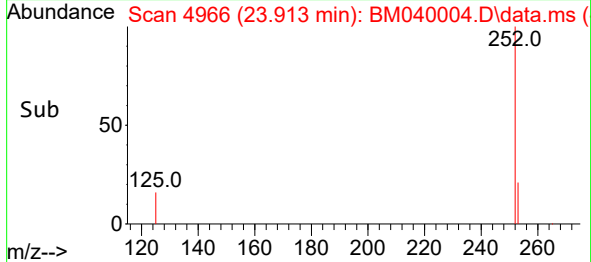
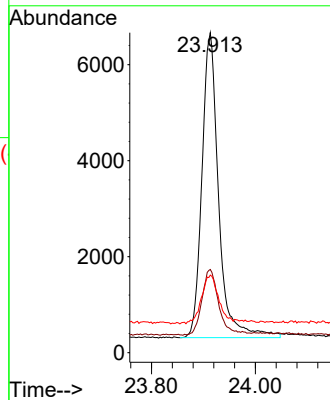
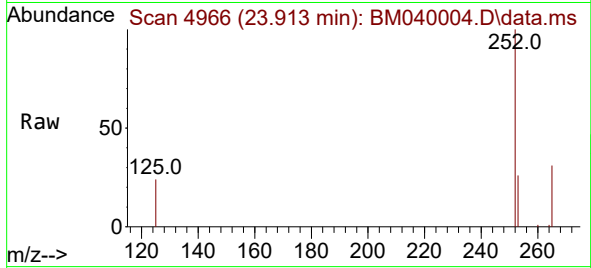




#26
Benzo(a)pyrene
Concen: 0.439 ng/ul
RT: 23.913 min Scan# 4966
Delta R.T. -0.001 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

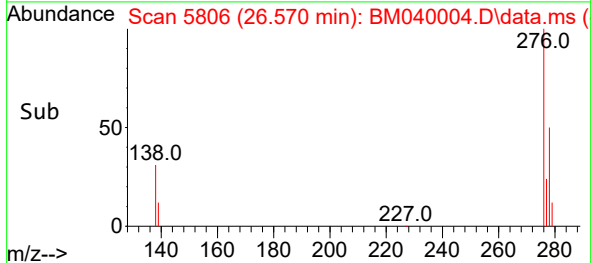
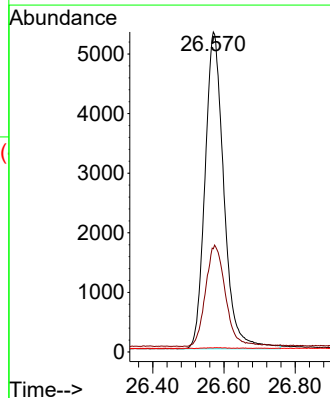
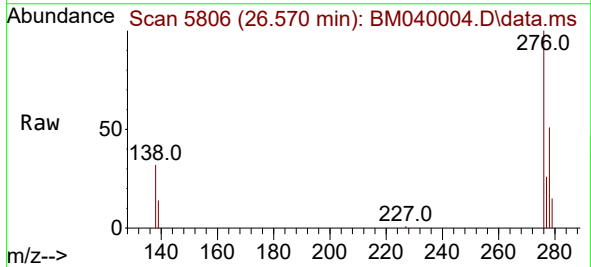
Instrument :
BNA_M
ClientSampleId :
SSTD0.4108

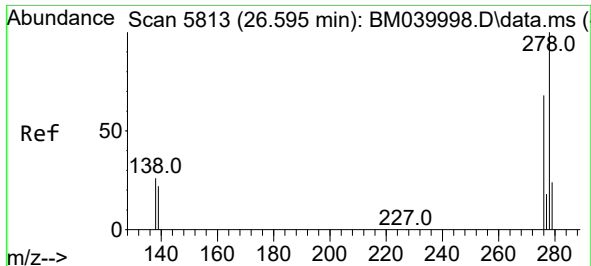
Tgt Ion:	252	Resp:	14164
Ion Ratio	Lower	Upper	
252	100		
253	26.0	20.6	31.0
125	24.2	19.1	28.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng/ul
RT: 26.570 min Scan# 5806
Delta R.T. -0.002 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

Tgt Ion:	276	Resp:	19571
Ion Ratio	Lower	Upper	
276	100		
138	33.5	26.9	40.3
227	0.2	0.1	0.1

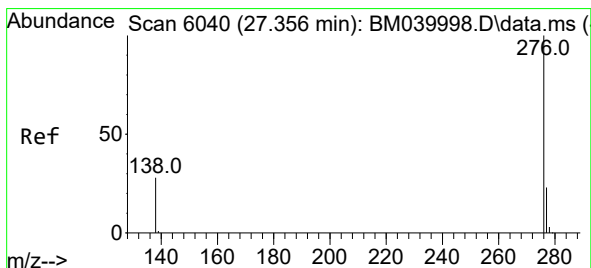
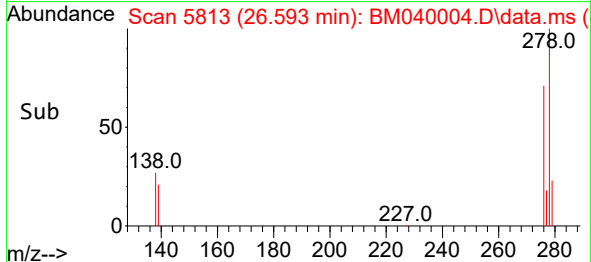
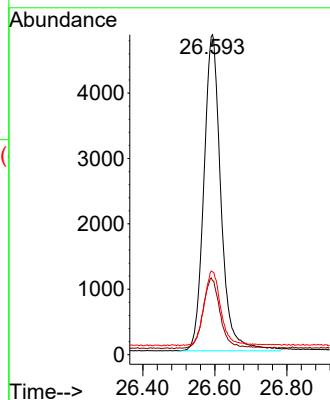
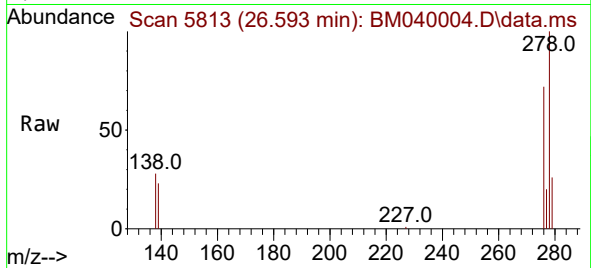




#28
Dibenzo(a,h)anthracene
Concen: 0.425 ng/ul
RT: 26.593 min Scan# 5813
Delta R.T. -0.001 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.4108

Tgt Ion:278 Resp: 15921
Ion Ratio Lower Upper
278 100
139 23.2 19.0 28.4
279 25.9 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 27.351 min Scan# 6039
Delta R.T. -0.005 min
Lab File: BM040004.D
Acq: 25 May 2023 16:29

Tgt Ion:276 Resp: 16794
Ion Ratio Lower Upper
276 100
138 30.4 23.9 35.9
277 24.4 19.5 29.3

