

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041699.D
 Acq On : 07 Sep 2023 17:41
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4072

Quant Time: Sep 08 02:54:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

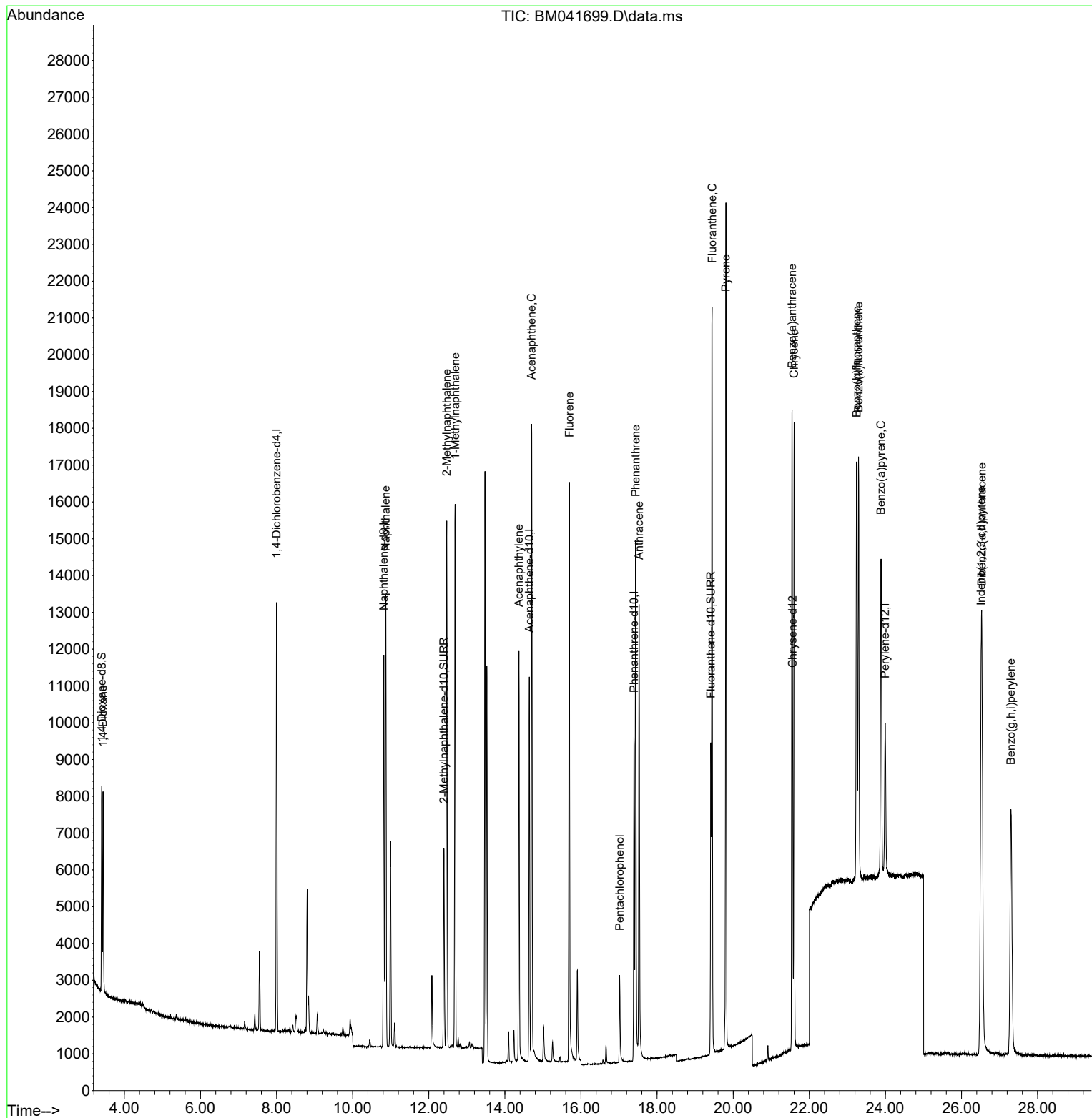
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	5751	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	13474	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.643	164	5388	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	10207	0.400	ng/ul	0.00
17) Chrysene-d12	21.562	240	4764	0.400	ng/ul	0.00
23) Perylene-d12	23.994	264	5659	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3062	0.348	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	6775	0.391	ng/ul	-0.01
18) Fluoranthene-d10	19.413	212	7949	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.439	88	3243	0.355	ng/ul#	86
5) Naphthalene	10.867	128	17075	0.386	ng/ul	100
7) 2-Methylnaphthalene	12.473	142	9929	0.395	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	9950	0.394	ng/ul	99
10) Acenaphthylene	14.370	152	13217	0.397	ng/ul	99
11) Acenaphthene	14.703	153	9981	0.386	ng/ul	99
12) Fluorene	15.693	166	10898	0.375	ng/ul	99
14) Pentachlorophenol	17.016	266	1719	0.421	ng/ul	98
15) Phenanthrene	17.438	178	16453	0.382	ng/ul	99
16) Anthracene	17.527	178	14799	0.401	ng/ul	99
19) Fluoranthene	19.445	202	17573	0.313	ng/ul	99
20) Pyrene	19.808	202	18422	0.330	ng/ul	99
21) Benzo(a)anthracene	21.544	228	14476	0.373	ng/ul	99
22) Chrysene	21.600	228	14316	0.342	ng/ul	99
24) Benzo(b)fluoranthene	23.243	252	15179	0.300	ng/ul	95
25) Benzo(k)fluoranthene	23.295	252	15106	0.305	ng/ul	96
26) Benzo(a)pyrene	23.886	252	13343	0.324	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.515	276	18289	0.324	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.535	278	12908	0.326	ng/ul	99
29) Benzo(g,h,i)perylene	27.300	276	15631	0.313	ng/ul	99

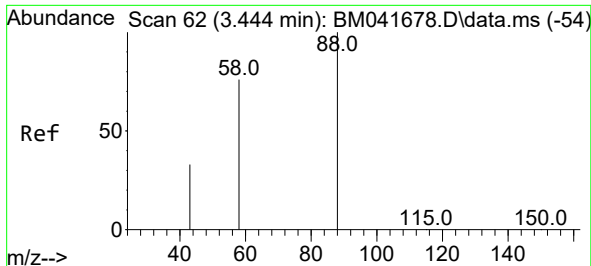
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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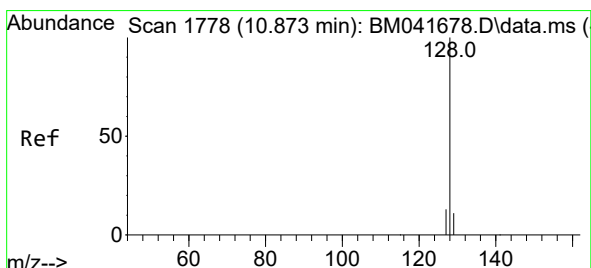
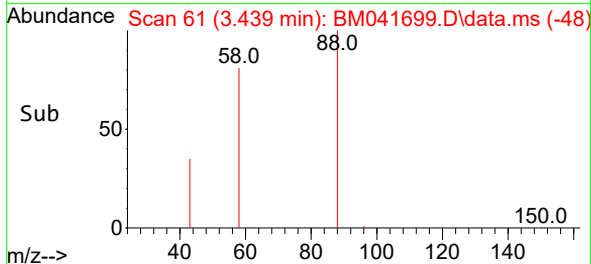
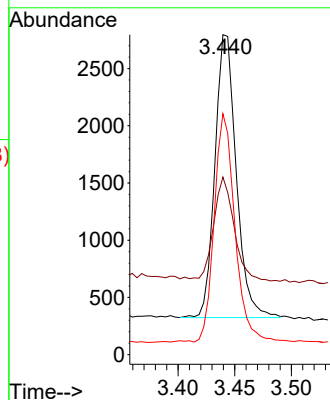
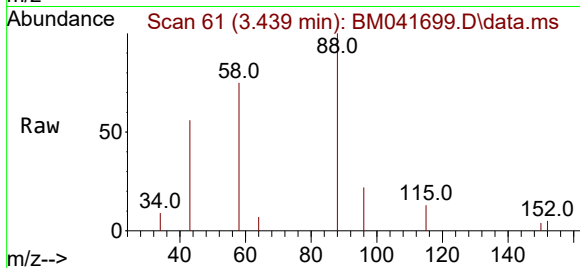




#2
1,4-Dioxane
Concen: 0.355 ng/ul
RT: 3.439 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

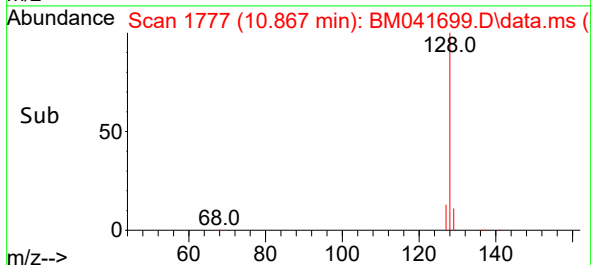
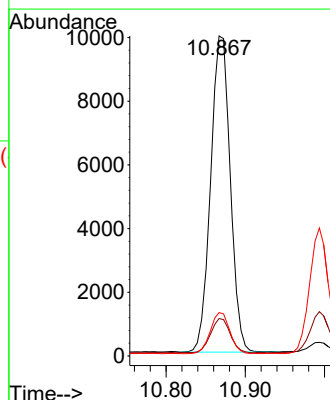
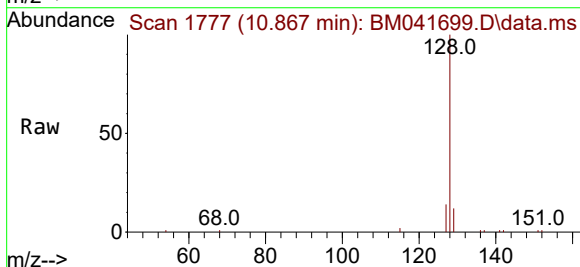
Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

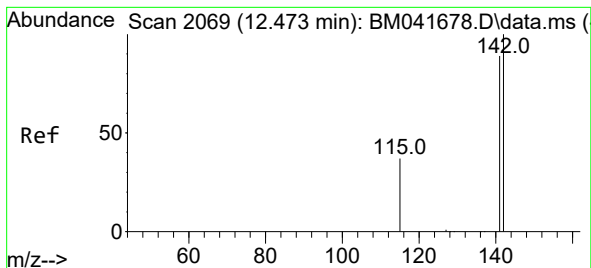
Tgt Ion: 88 Resp: 3243
Ion Ratio Lower Upper
88 100
43 55.5 33.8 50.6#
58 75.3 54.2 81.2



#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

Tgt Ion: 128 Resp: 17075
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.5 11.0 16.6

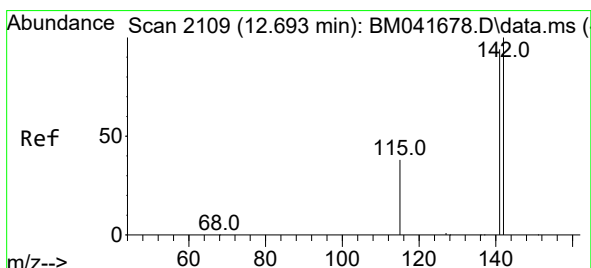
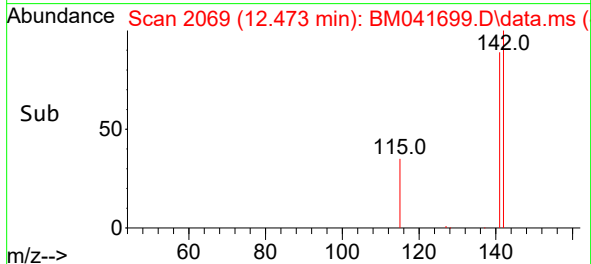
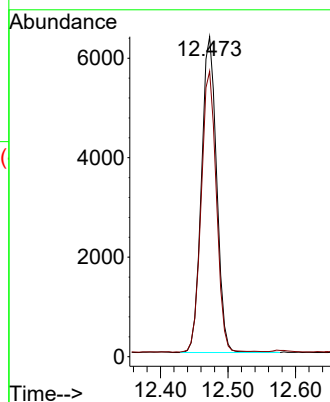
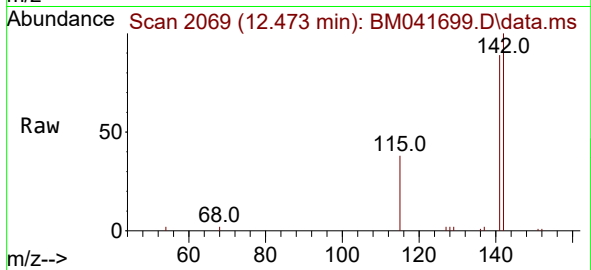




#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

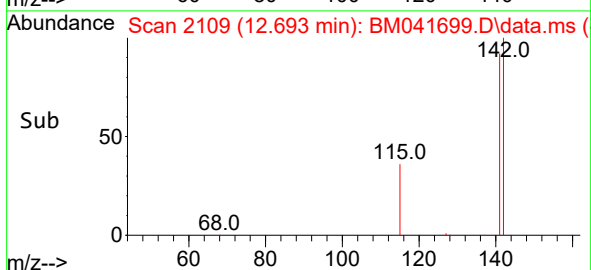
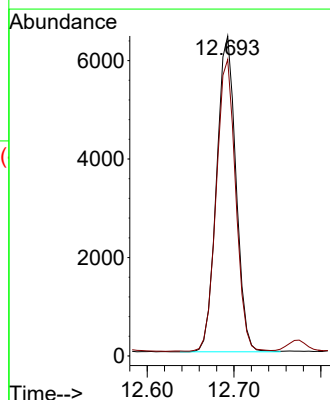
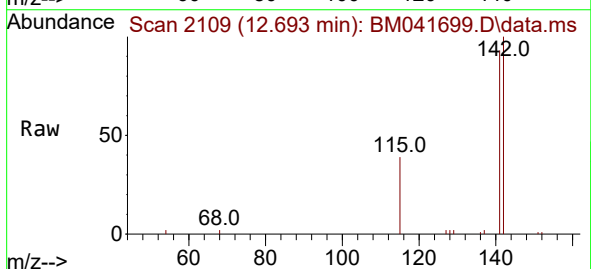
Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

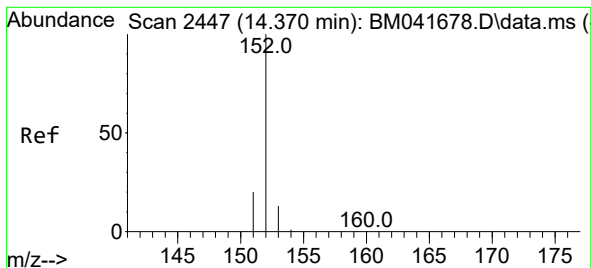
Tgt Ion:142 Resp: 9929
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

Tgt Ion:142 Resp: 9950
Ion Ratio Lower Upper
142 100
141 92.5 74.4 111.6





#10

Acenaphthylene

Concen: 0.397 ng/ul

RT: 14.370 min Scan# 2447

Delta R.T. -0.005 min

Lab File: BM041699.D

Acq: 07 Sep 2023 17:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.4072

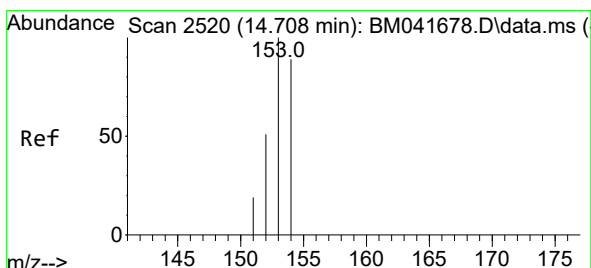
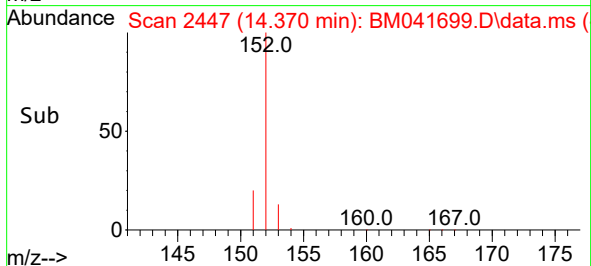
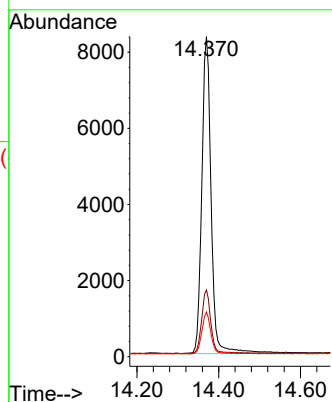
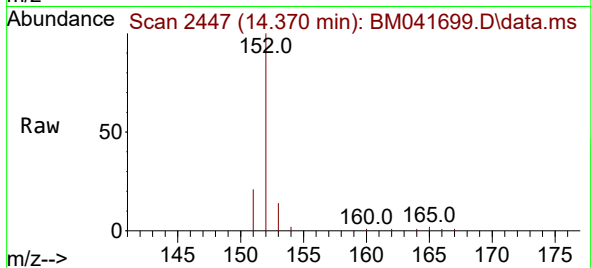
Tgt Ion:152 Resp: 13217

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

153 14.0 11.1 16.7



#11

Acenaphthene

Concen: 0.386 ng/ul

RT: 14.703 min Scan# 2519

Delta R.T. -0.009 min

Lab File: BM041699.D

Acq: 07 Sep 2023 17:41

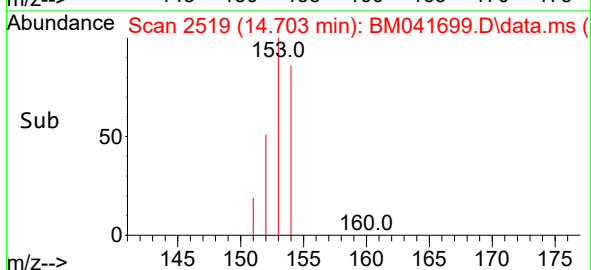
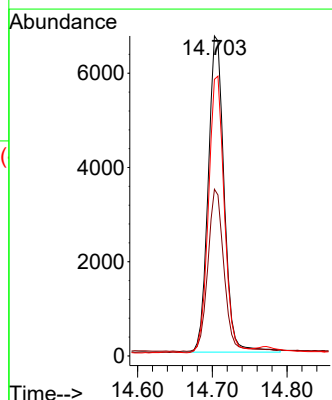
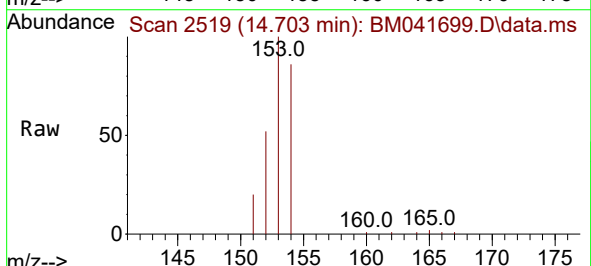
Tgt Ion:153 Resp: 9981

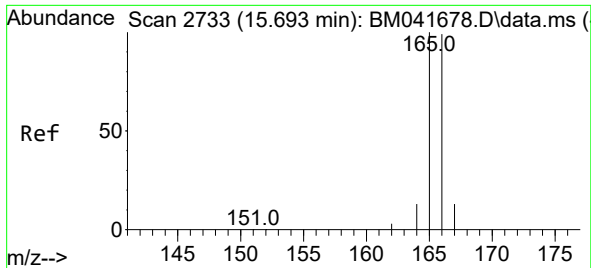
Ion Ratio Lower Upper

153 100

152 52.1 43.4 65.2

154 86.4 69.4 104.0

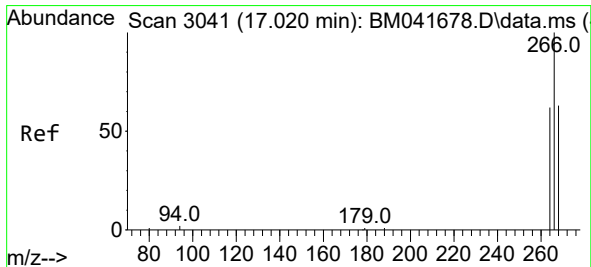
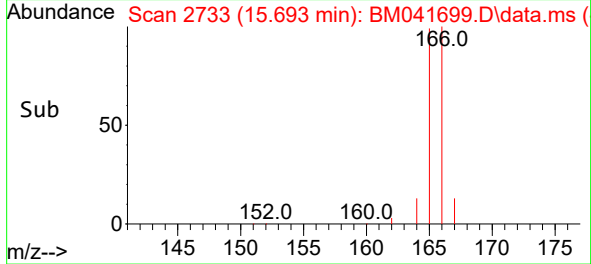
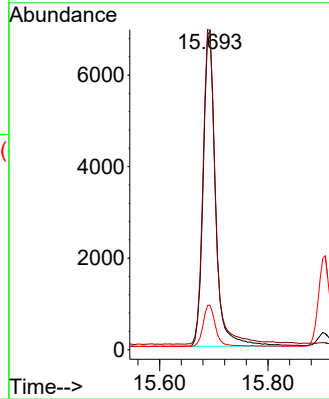
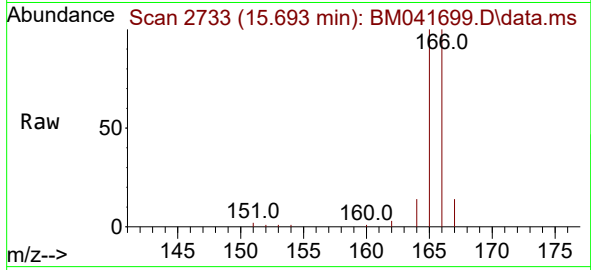




#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.693 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

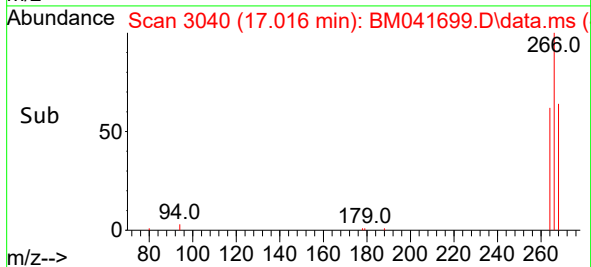
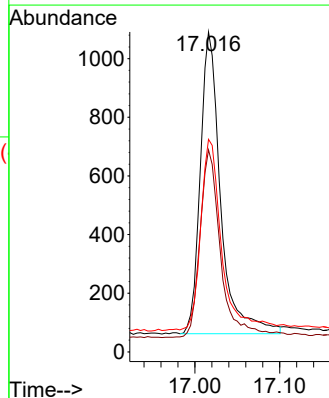
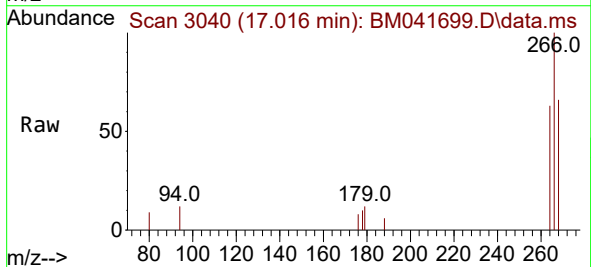
Instrument :
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ClientSampleId :
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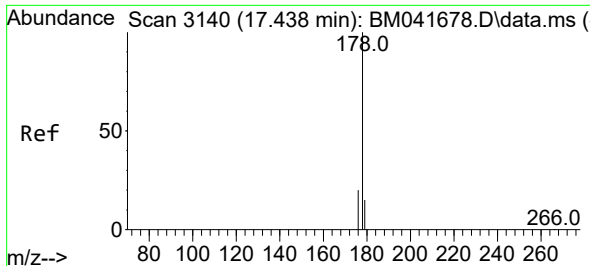
Tgt Ion:166 Resp: 10898
Ion Ratio Lower Upper
166 100
165 100.0 79.4 119.2
167 14.0 11.3 16.9



#14
Pentachlorophenol
Concen: 0.421 ng/ul
RT: 17.016 min Scan# 3040
Delta R.T. -0.009 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

Tgt Ion:266 Resp: 1719
Ion Ratio Lower Upper
266 100
264 63.4 50.0 75.0
268 65.4 50.8 76.2

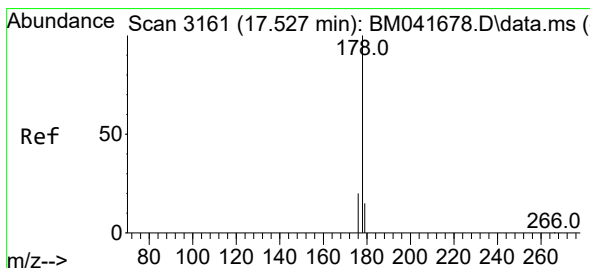
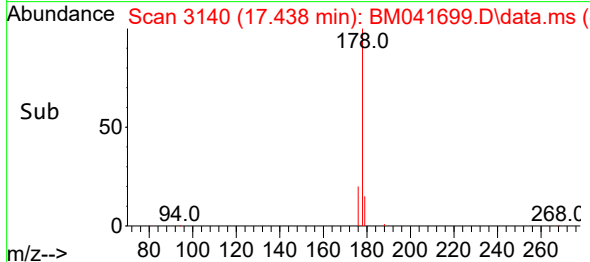
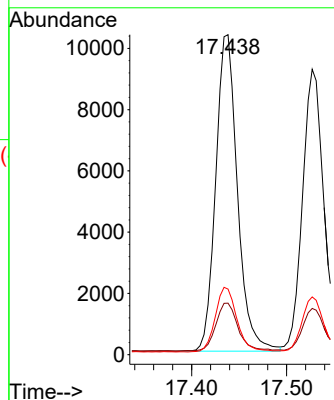
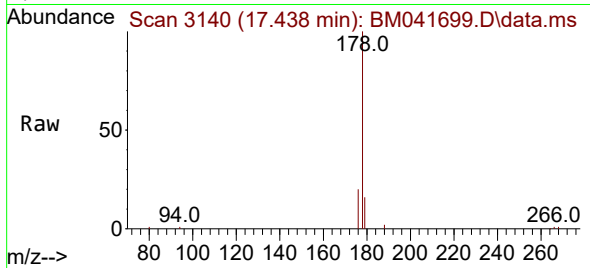




#15
Phenanthrene
Concen: 0.382 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

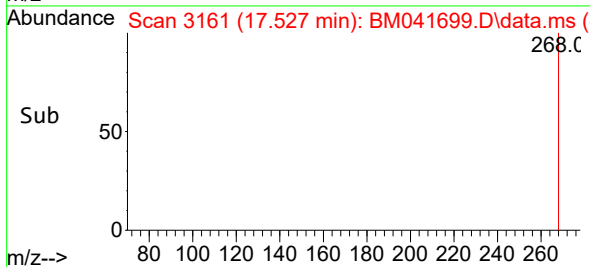
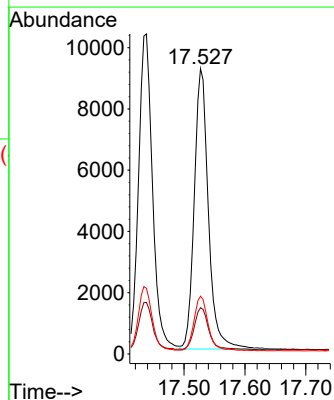
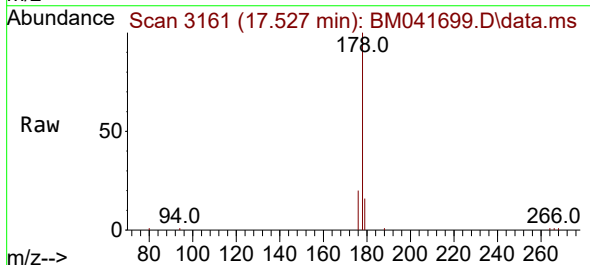
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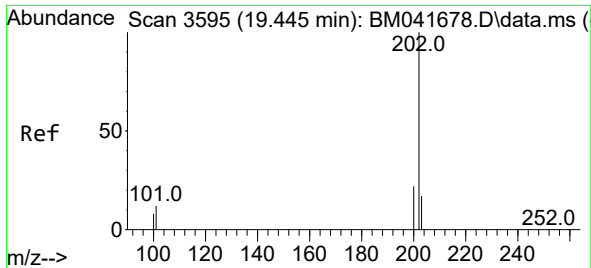
Tgt Ion:178 Resp: 16453
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 20.5 16.9 25.3



#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.009 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

Tgt Ion:178 Resp: 14799
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 20.2 15.8 23.8

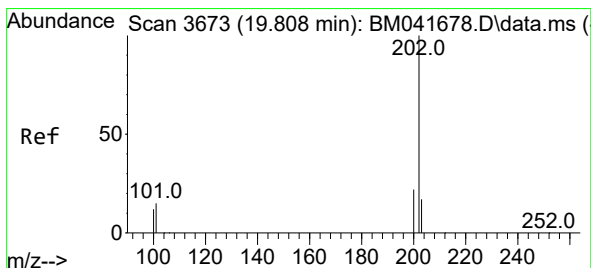
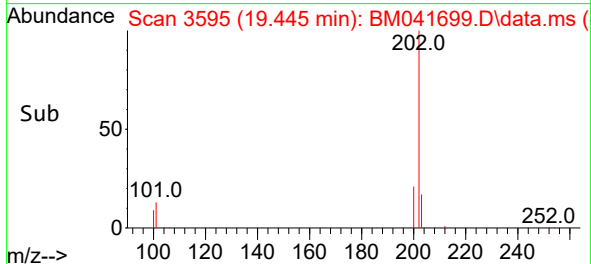
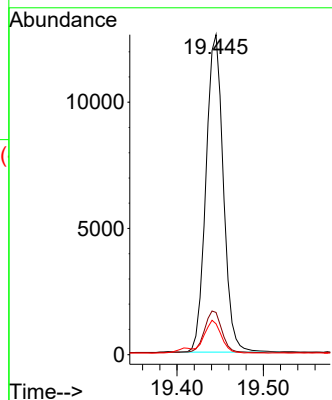
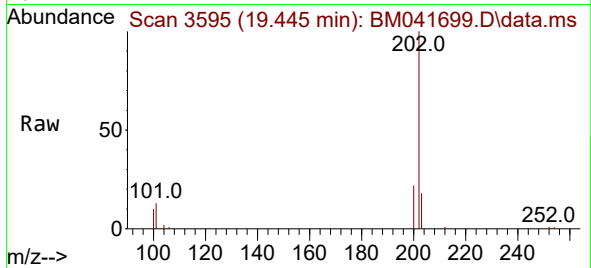




#19
Fluoranthene
Concen: 0.313 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

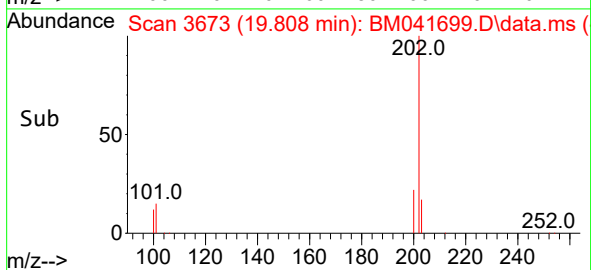
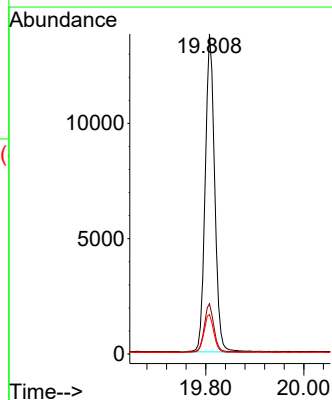
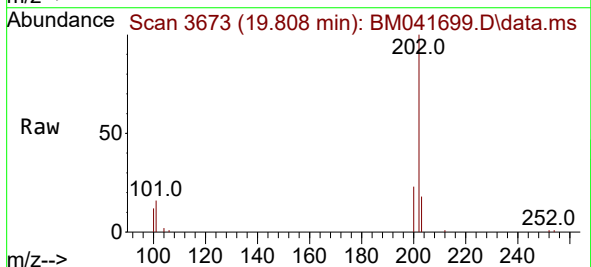
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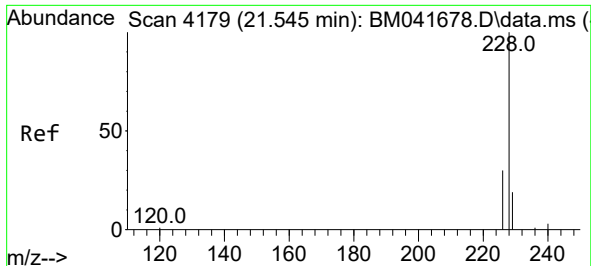
Tgt Ion:202 Resp: 17573
Ion Ratio Lower Upper
202 100
101 13.2 10.5 15.7
100 9.6 8.4 12.6



#20
Pyrene
Concen: 0.330 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

Tgt Ion:202 Resp: 18422
Ion Ratio Lower Upper
202 100
101 15.7 11.8 17.8
100 12.4 9.8 14.6

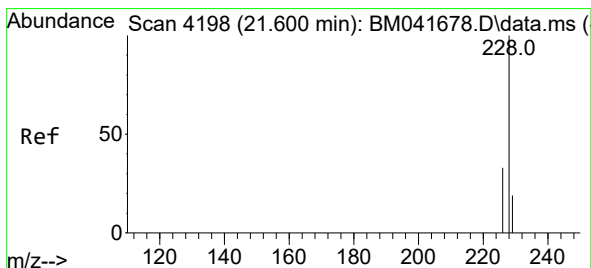
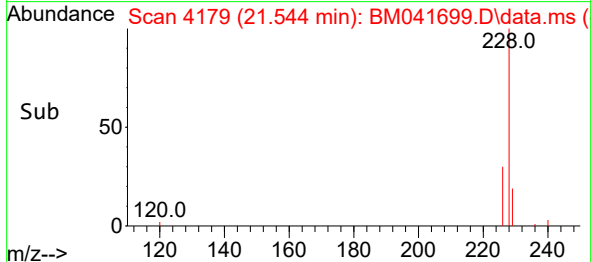
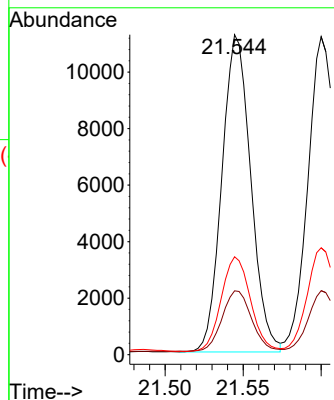
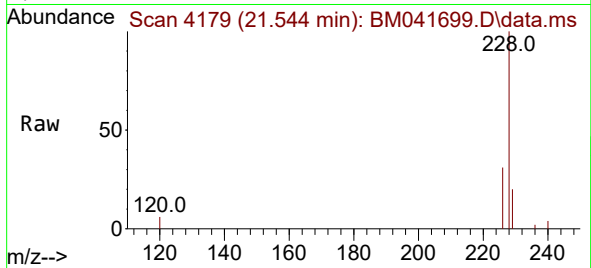




#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.544 min Scan# 4179
Delta R.T. -0.009 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

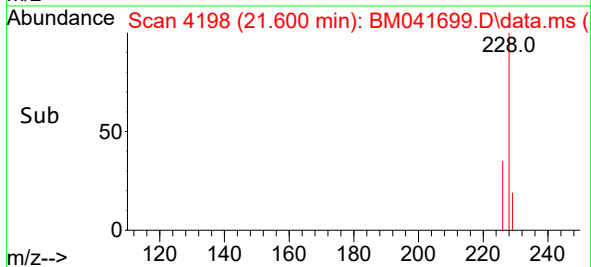
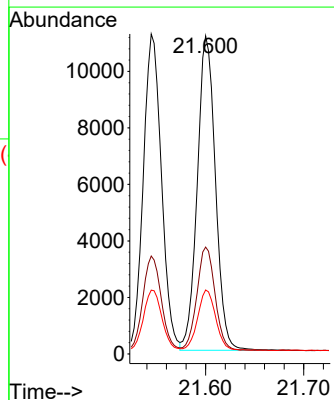
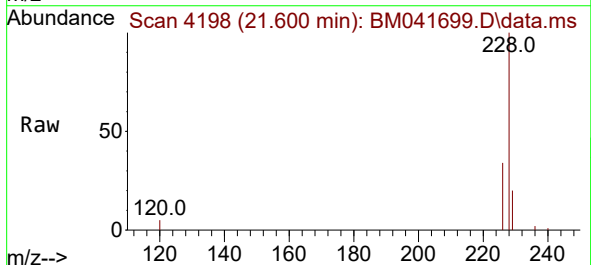
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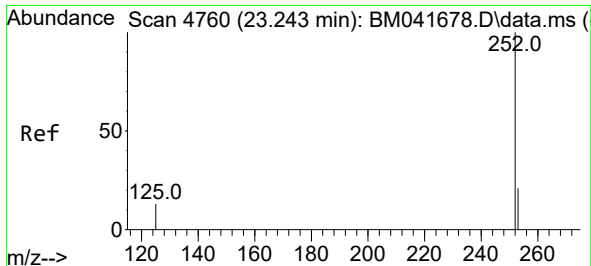
Tgt Ion:228 Resp: 14476
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 30.6 24.8 37.2



#22
Chrysene
Concen: 0.342 ng/ul
RT: 21.600 min Scan# 4198
Delta R.T. -0.009 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

Tgt Ion:228 Resp: 14316
Ion Ratio Lower Upper
228 100
226 33.6 27.0 40.6
229 20.1 15.4 23.2

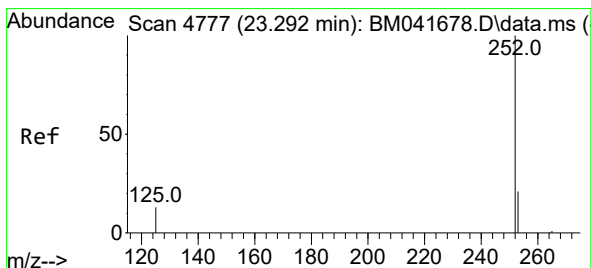
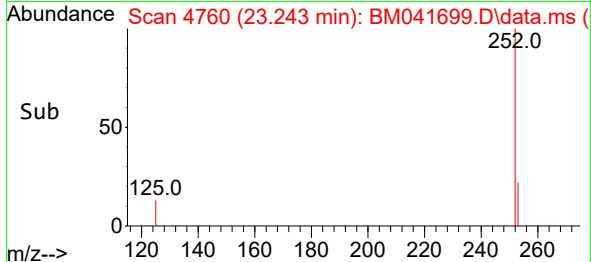
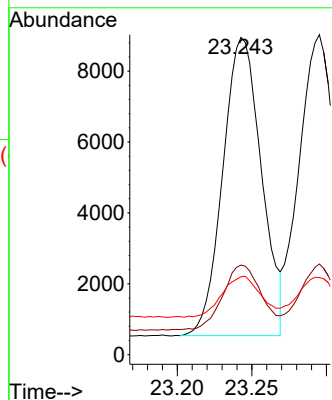
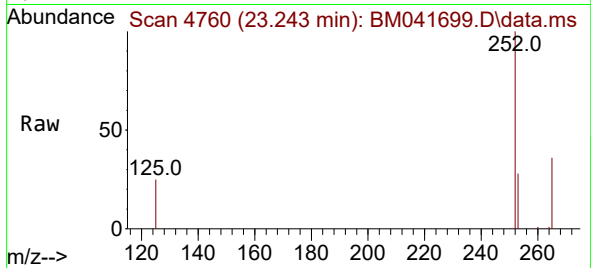




#24
Benzo(b)fluoranthene
Concen: 0.300 ng/ul
RT: 23.243 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

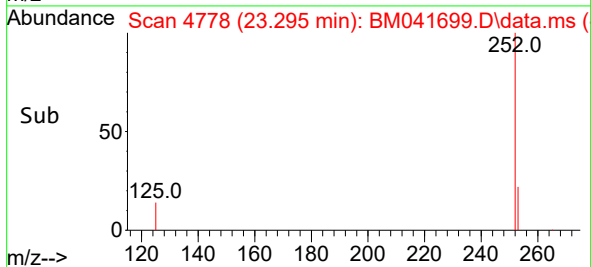
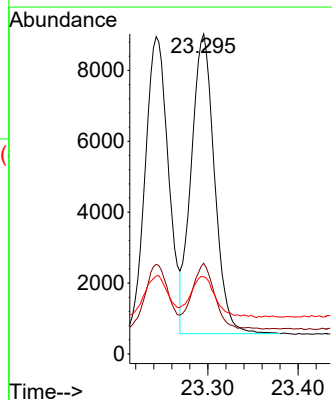
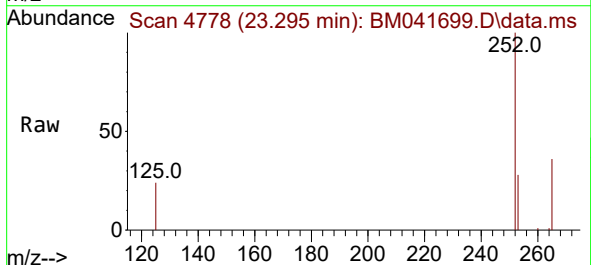
Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

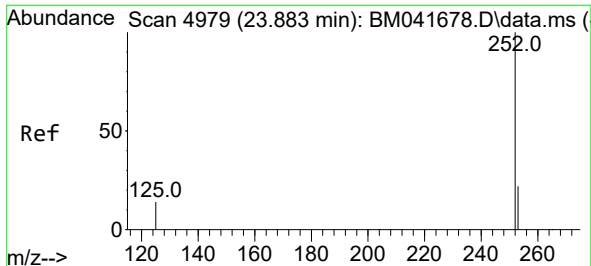
Tgt Ion:252 Resp: 15179
Ion Ratio Lower Upper
252 100
253 28.3 0.0 52.4
125 24.6 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.305 ng/ul
RT: 23.295 min Scan# 4778
Delta R.T. -0.009 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

Tgt Ion:252 Resp: 15106
Ion Ratio Lower Upper
252 100
253 28.4 21.3 31.9
125 24.1 17.4 26.0

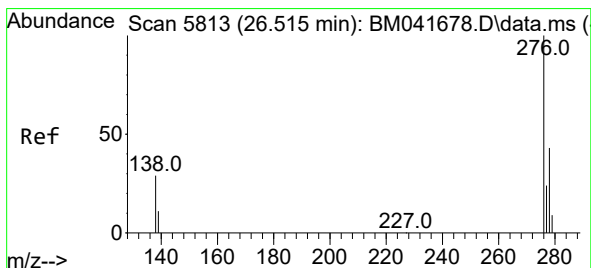
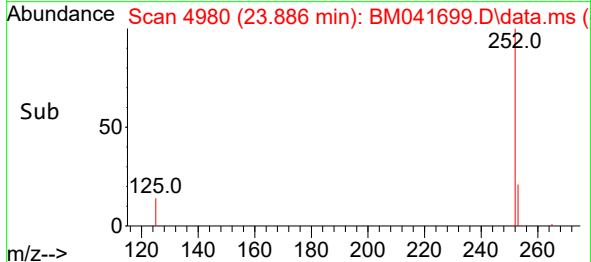
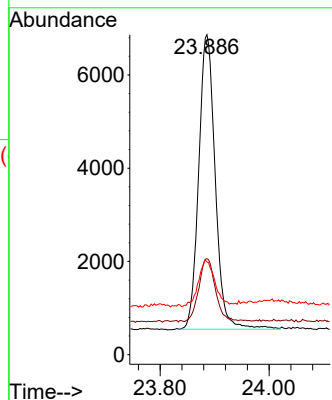
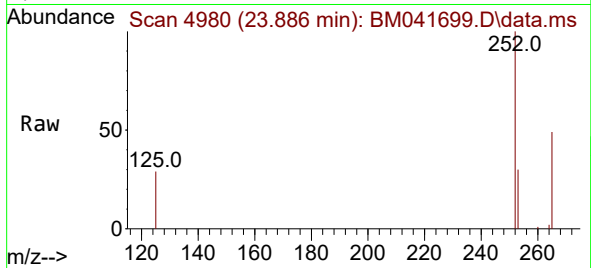




#26
Benzo(a)pyrene
Concen: 0.324 ng/ul
RT: 23.886 min Scan# 4979
Delta R.T. -0.012 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

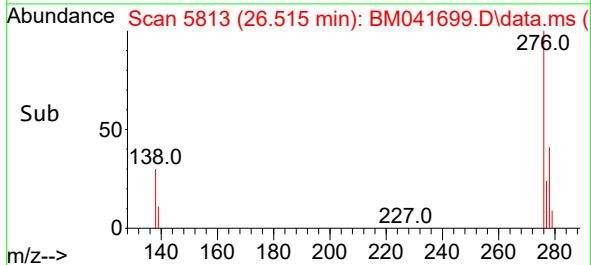
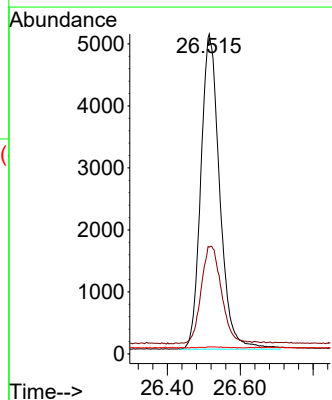
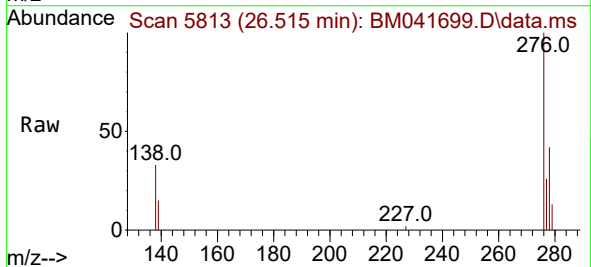
Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

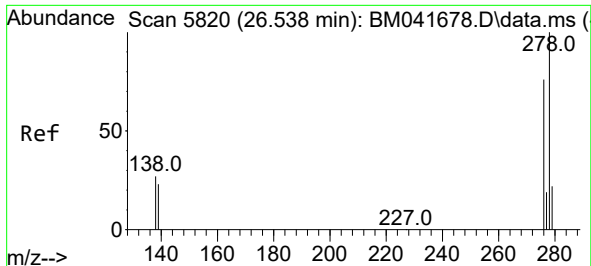
Tgt Ion:252 Resp: 13343
Ion Ratio Lower Upper
252 100
253 30.0 22.4 33.6
125 29.0 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng/ul
RT: 26.515 min Scan# 5813
Delta R.T. -0.017 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

Tgt Ion:276 Resp: 18289
Ion Ratio Lower Upper
276 100
138 32.8 26.4 39.6
227 0.3 0.1 0.1#

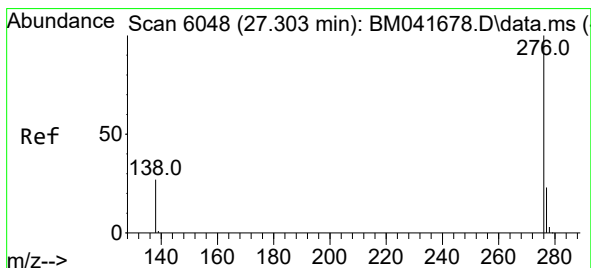
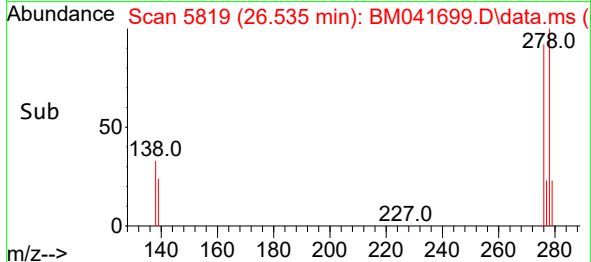
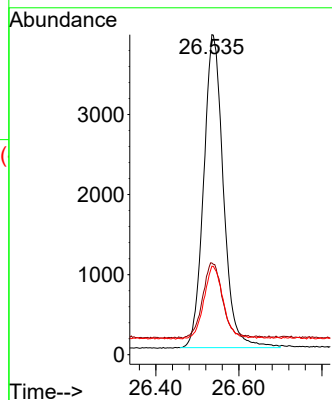
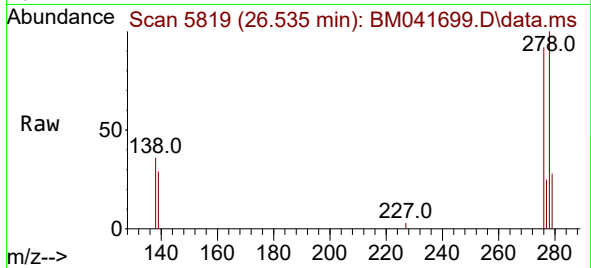




#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 26.535 min Scan# 5819
Delta R.T. -0.017 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

Tgt Ion:278 Resp: 12908
Ion Ratio Lower Upper
278 100
139 28.7 23.0 34.6
279 27.6 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 27.300 min Scan# 6047
Delta R.T. -0.017 min
Lab File: BM041699.D
Acq: 07 Sep 2023 17:41

Tgt Ion:276 Resp: 15631
Ion Ratio Lower Upper
276 100
138 32.3 25.0 37.4
277 25.5 20.2 30.2

