

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041688.D
 Acq On : 07 Sep 2023 10:43
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4071

Quant Time: Sep 08 02:52:44 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)

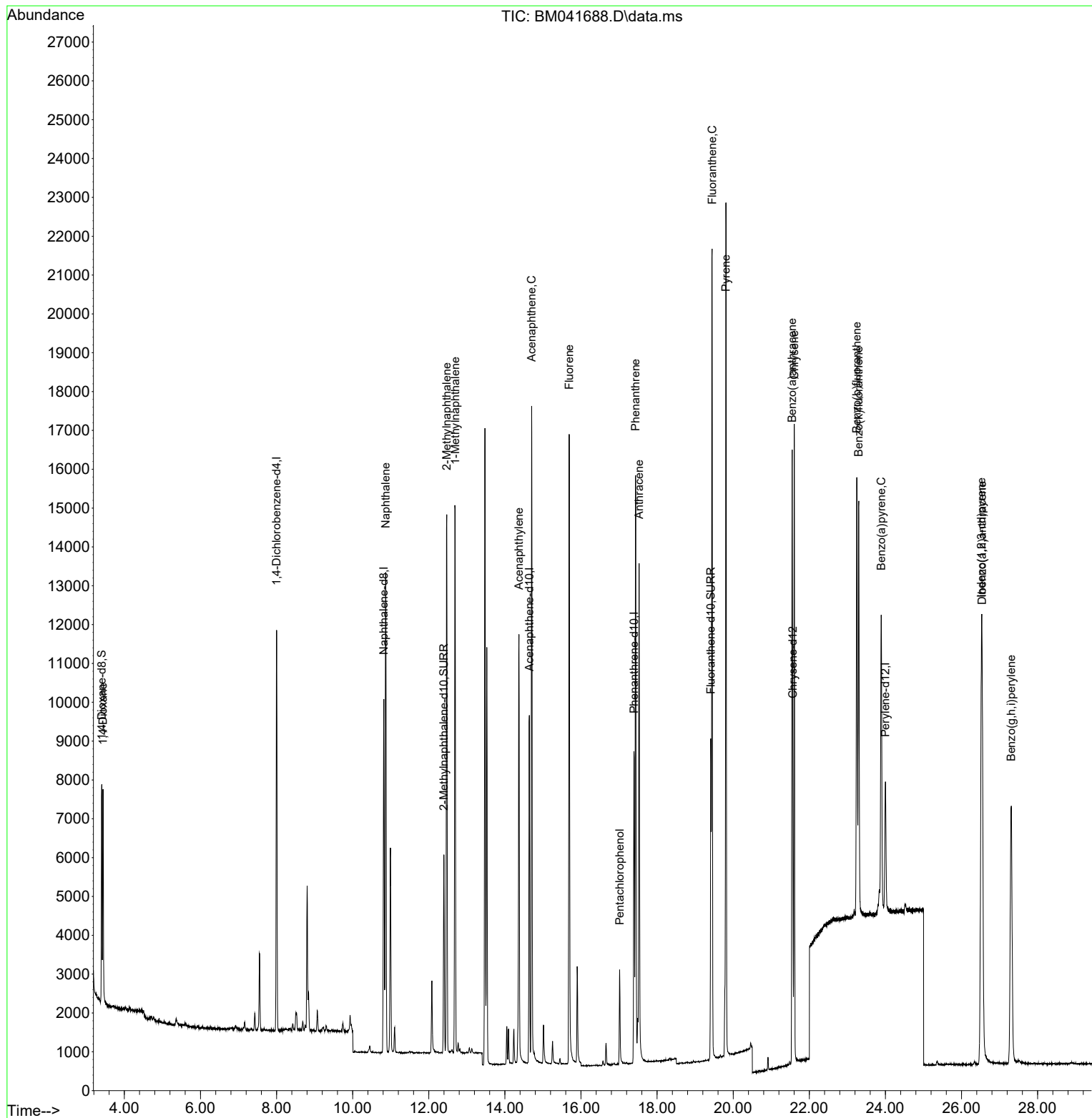
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	5087	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	11467	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.643	164	4602	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	8986	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	4133	0.400	ng/ul	0.00
23) Perylene-d12	24.000	264	4710	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3165	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	6250	0.423	ng/ul	-0.01
18) Fluoranthene-d10	19.413	212	7333	0.366	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	3190	0.395	ng/ul	98
5) Naphthalene	10.867	128	16589	0.441	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	9542	0.446	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	9554	0.445	ng/ul	100
10) Acenaphthylene	14.370	152	12947	0.455	ng/ul	100
11) Acenaphthene	14.703	153	9844	0.445	ng/ul	100
12) Fluorene	15.689	166	10901	0.440	ng/ul	98
14) Pentachlorophenol	17.016	266	1705	0.474	ng/ul	98
15) Phenanthrene	17.434	178	16873	0.445	ng/ul	100
16) Anthracene	17.527	178	14604	0.449	ng/ul	99
19) Fluoranthene	19.445	202	17559	0.360	ng/ul	99
20) Pyrene	19.808	202	18131	0.374	ng/ul	96
21) Benzo(a)anthracene	21.548	228	12793	0.380	ng/ul	100
22) Chrysene	21.603	228	13529	0.372	ng/ul	100
24) Benzo(b)fluoranthene	23.249	252	14796	0.351	ng/ul	100
25) Benzo(k)fluoranthene	23.298	252	13987	0.339	ng/ul	99
26) Benzo(a)pyrene	23.889	252	12015	0.351	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.522	276	17312	0.368	ng/ul	97
28) Dibenzo(a,h)anthracene	26.542	278	12552	0.381	ng/ul	97
29) Benzo(g,h,i)perylene	27.307	276	15137	0.364	ng/ul	98

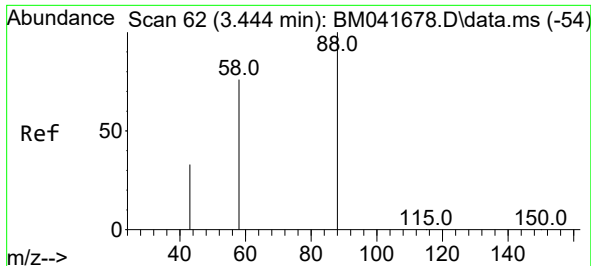
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration

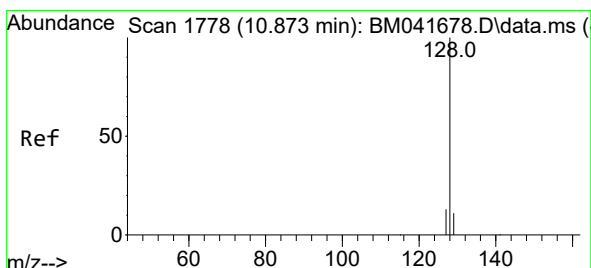
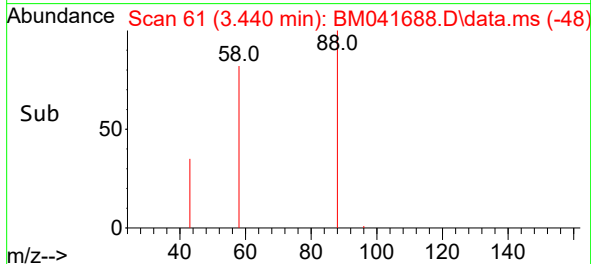
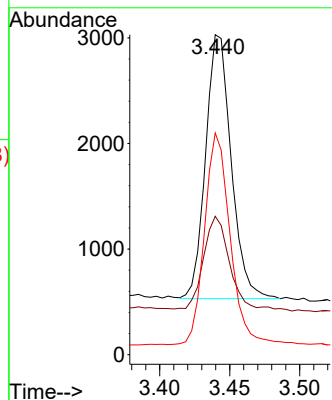
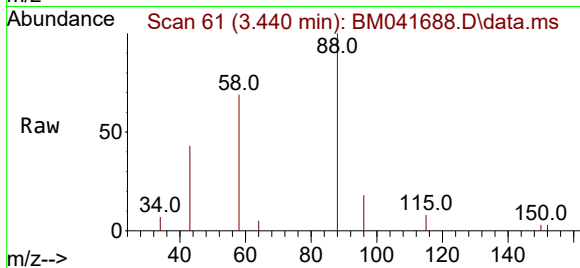




#2
1,4-Dioxane
Concen: 0.395 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

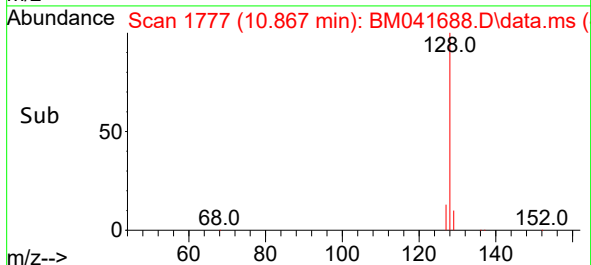
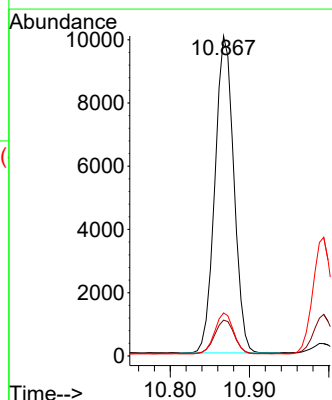
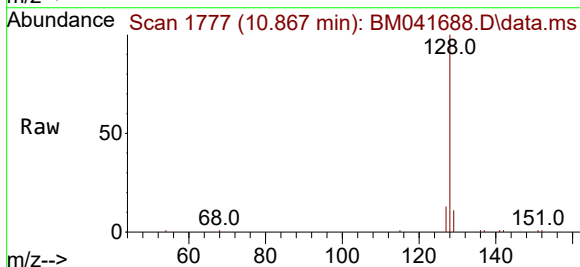
Instrument :
BNA_M
ClientSampleId :
SSTD0.4071

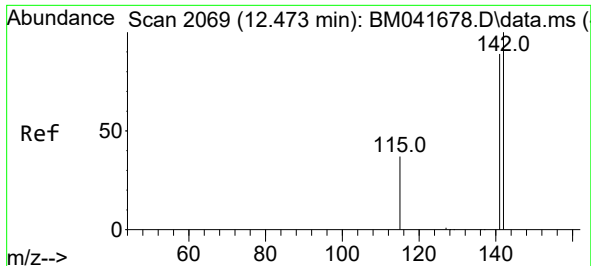
Tgt Ion: 88 Resp: 3190
Ion Ratio Lower Upper
88 100
43 43.3 33.8 50.6
58 69.3 54.2 81.2



#5
Naphthalene
Concen: 0.441 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. -0.005 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

Tgt Ion: 128 Resp: 16589
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.4 11.0 16.6

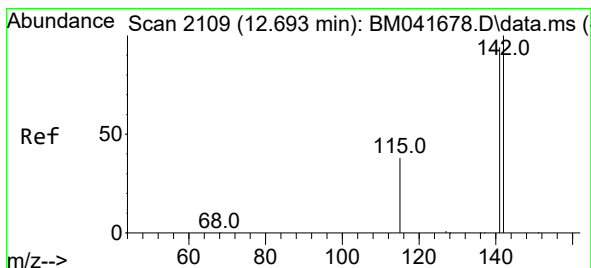
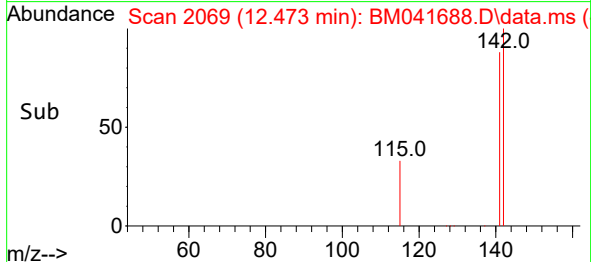
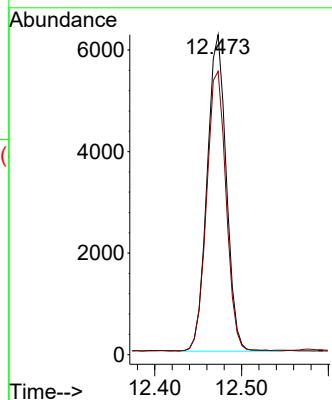
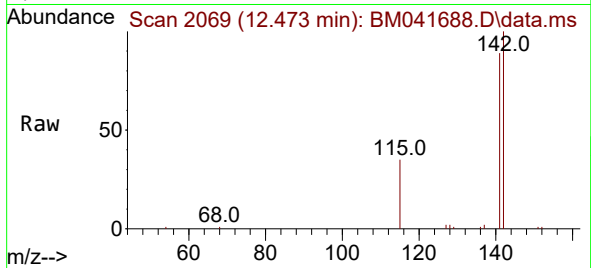




#7
2-Methylnaphthalene
Concen: 0.446 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

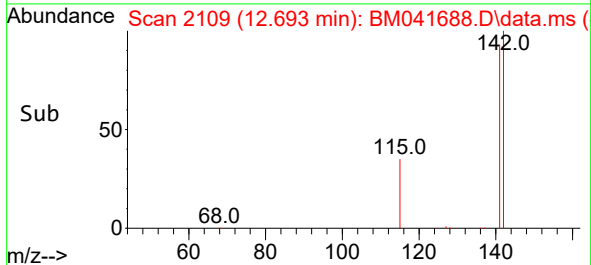
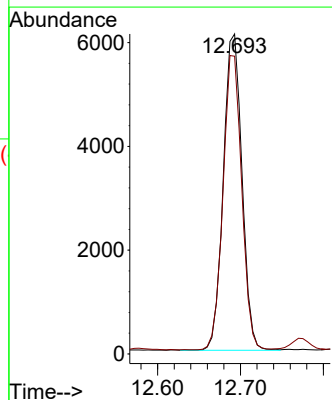
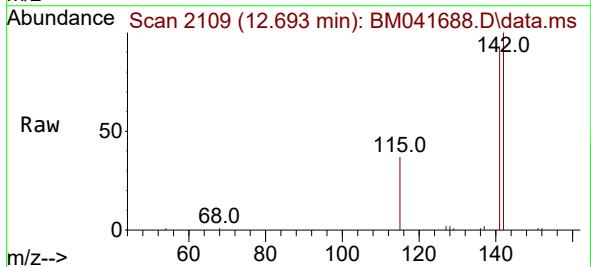
Instrument :
BNA_M
ClientSampleId :
SSTD0.4071

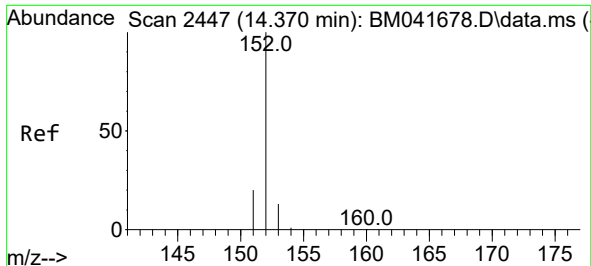
Tgt Ion:142 Resp: 9542
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.445 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

Tgt Ion:142 Resp: 9554
Ion Ratio Lower Upper
142 100
141 93.1 74.4 111.6

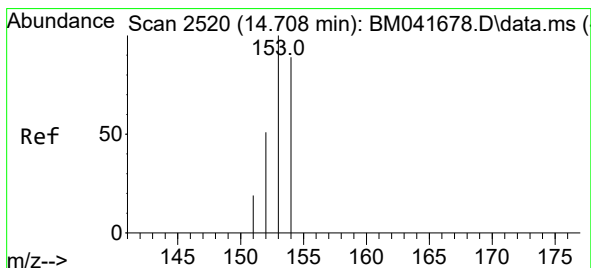
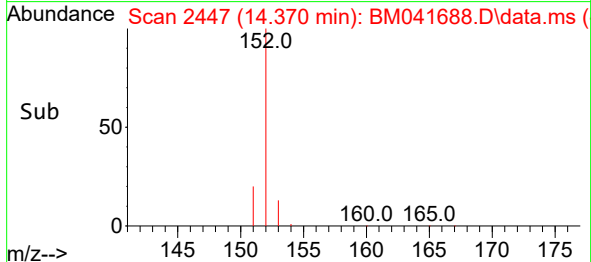
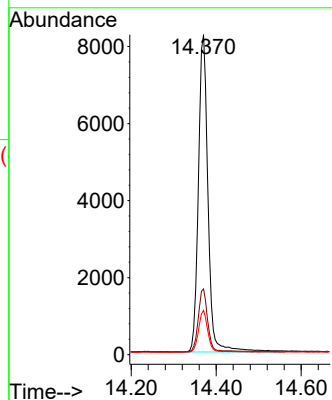
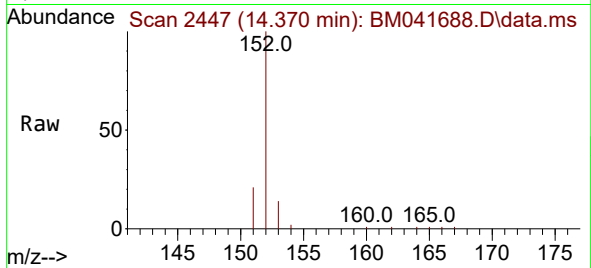




#10
Acenaphthylene
Concen: 0.455 ng/ul
RT: 14.370 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

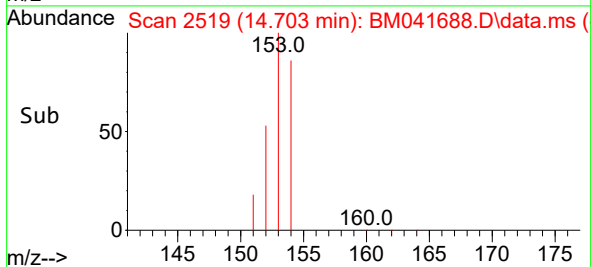
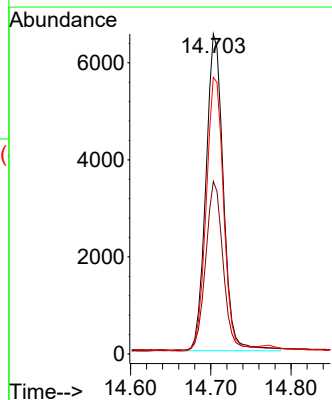
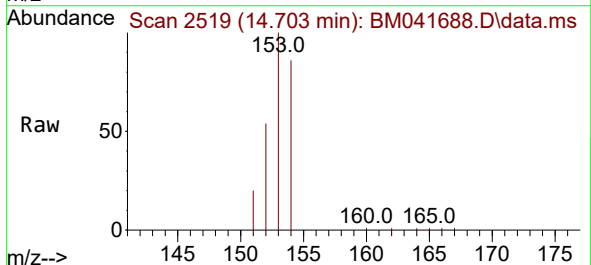
Instrument :
BNA_M
ClientSampleId :
SSTD0.4071

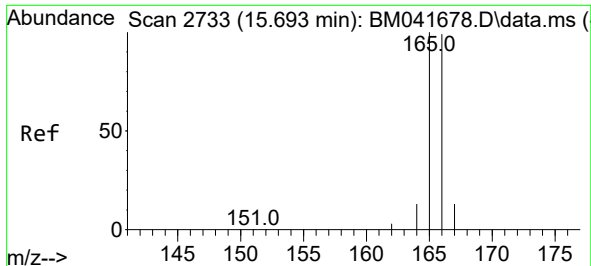
Tgt Ion:152 Resp: 12947
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.445 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.009 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

Tgt Ion:153 Resp: 9844
Ion Ratio Lower Upper
153 100
152 53.9 43.4 65.2
154 86.5 69.4 104.0

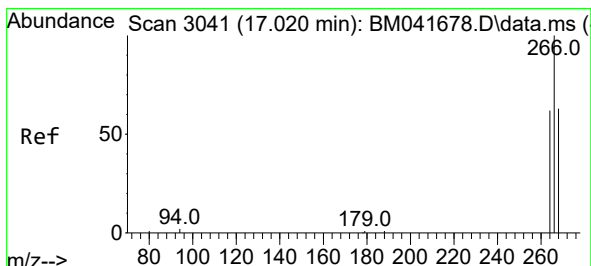
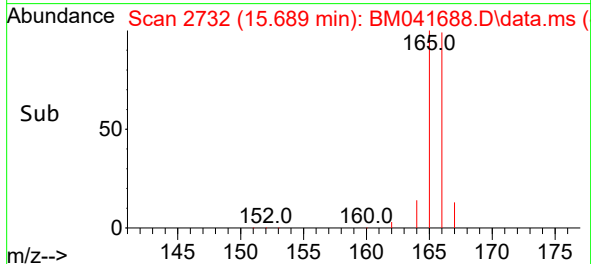
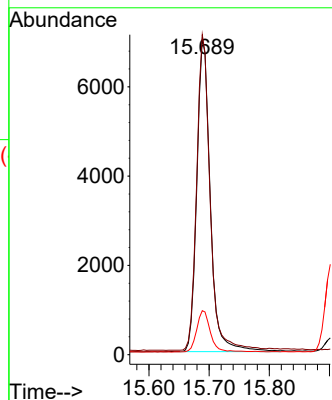
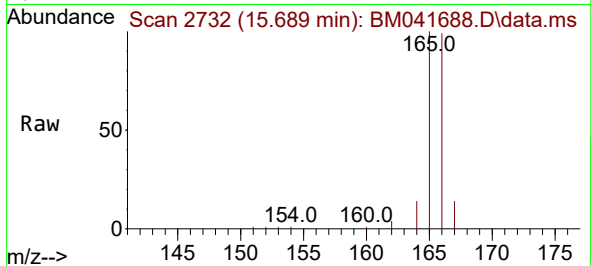




#12
 Fluorene
 Concen: 0.440 ng/ul
 RT: 15.689 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BM041688.D
 Acq: 07 Sep 2023 10:43

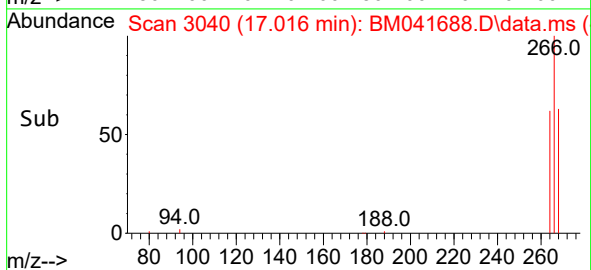
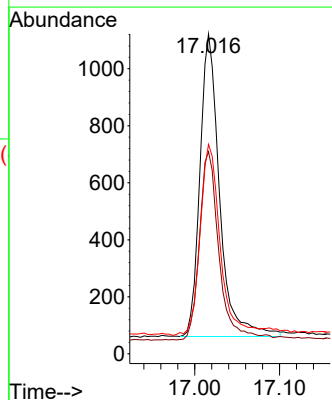
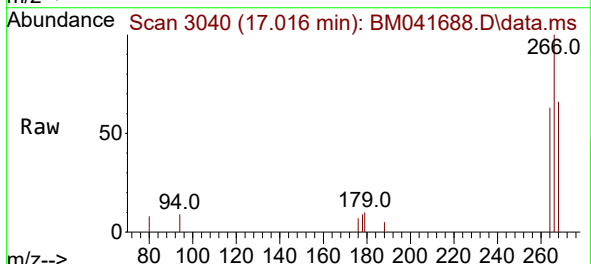
Instrument :
 BNA_M
 ClientSampleId :
 SST0.4071

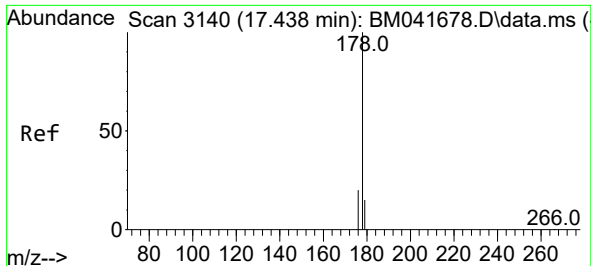
Tgt Ion:166 Resp: 10901
 Ion Ratio Lower Upper
 166 100
 165 101.4 79.4 119.2
 167 13.9 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.474 ng/ul
 RT: 17.016 min Scan# 3040
 Delta R.T. -0.008 min
 Lab File: BM041688.D
 Acq: 07 Sep 2023 10:43

Tgt Ion:266 Resp: 1705
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.0 75.0
 268 66.2 50.8 76.2

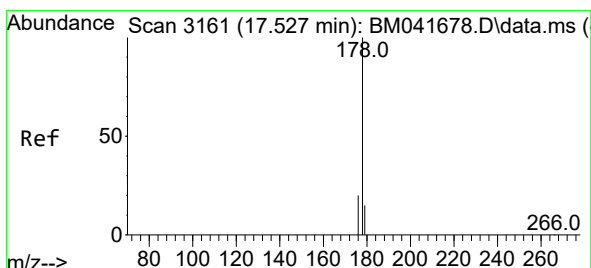
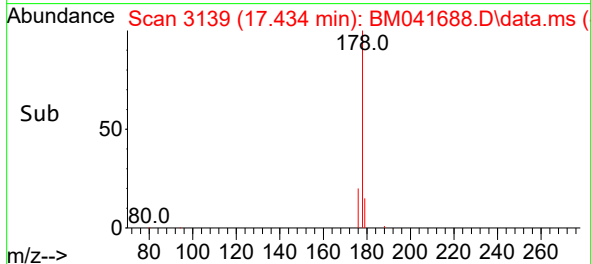
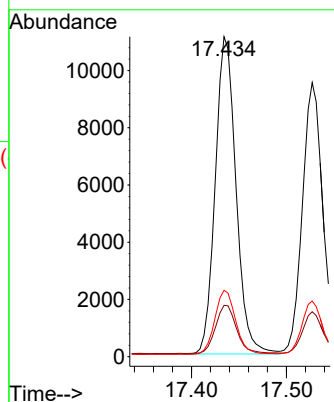
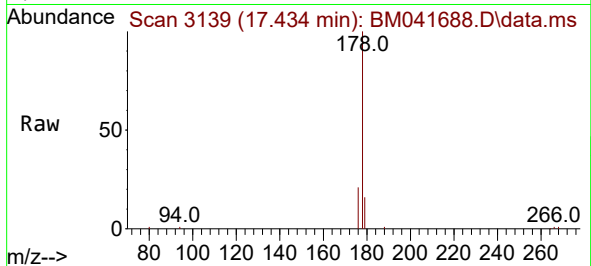




#15
Phenanthrene
Concen: 0.445 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.008 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

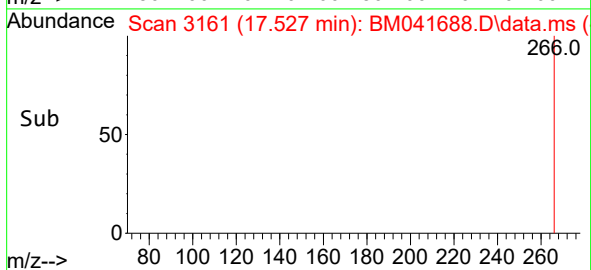
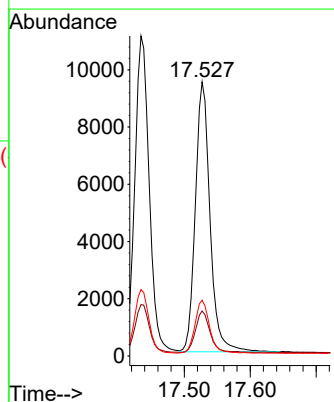
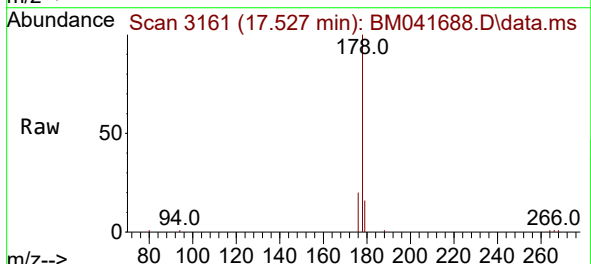
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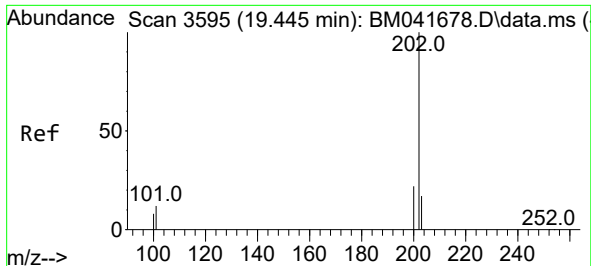
Tgt Ion:	178	Resp:	16873
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.9	19.3
176	20.7	16.9	25.3



#16
Anthracene
Concen: 0.449 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.008 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

Tgt Ion:	178	Resp:	14604
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.9	19.3
176	20.3	15.8	23.8

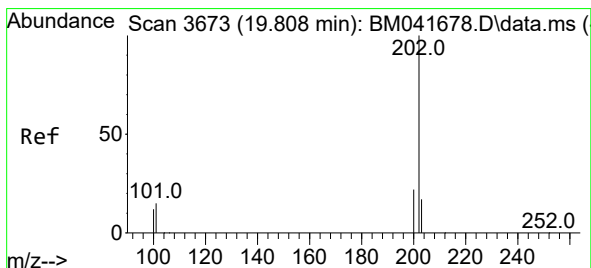
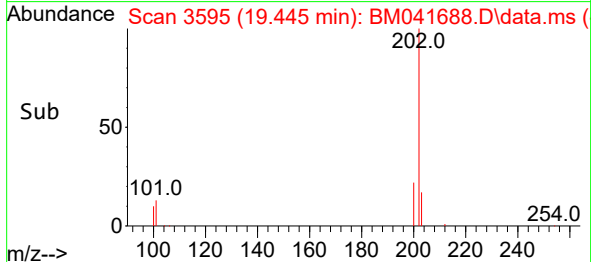
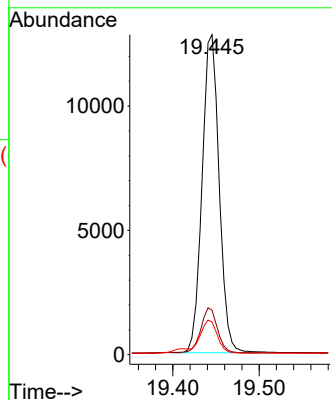
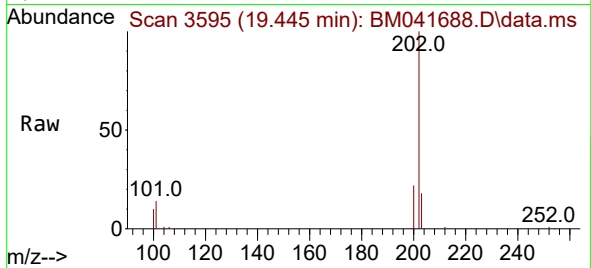




#19
Fluoranthene
Concen: 0.360 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

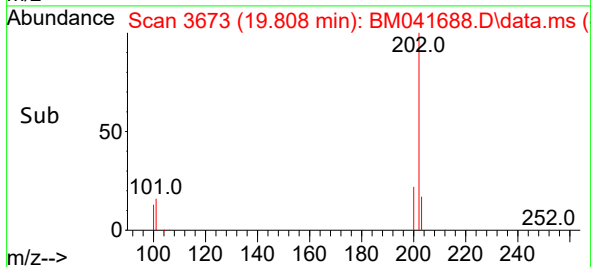
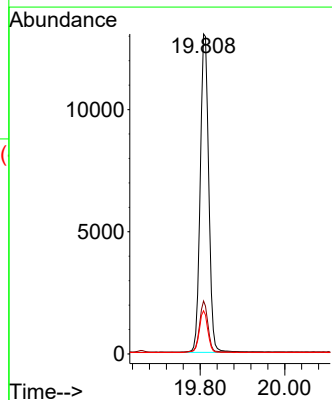
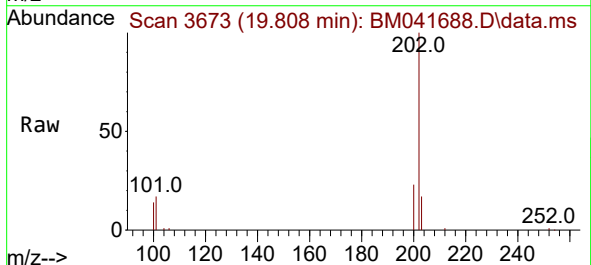
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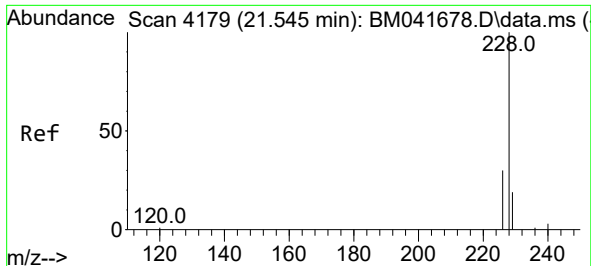
Tgt Ion:202 Resp: 17559
Ion Ratio Lower Upper
202 100
101 13.9 10.5 15.7
100 10.2 8.4 12.6



#20
Pyrene
Concen: 0.374 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

Tgt Ion:202 Resp: 18131
Ion Ratio Lower Upper
202 100
101 16.6 11.8 17.8
100 13.5 9.8 14.6

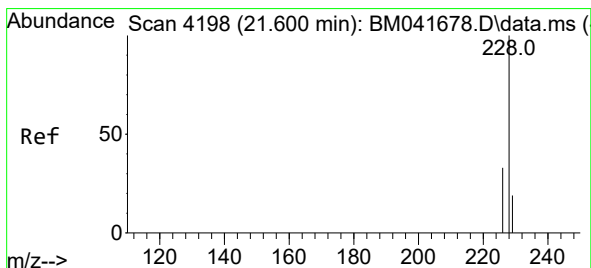
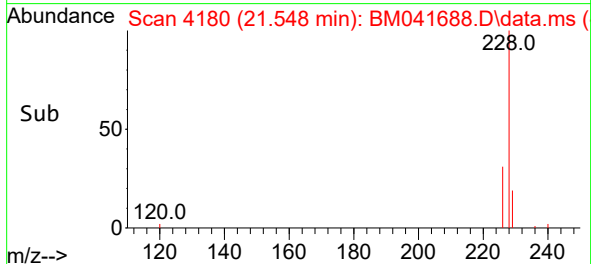
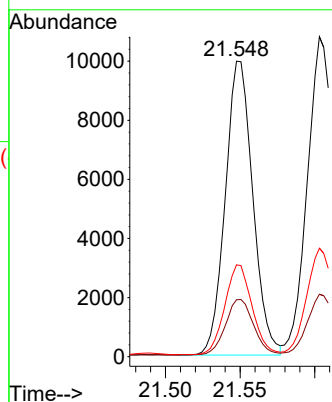
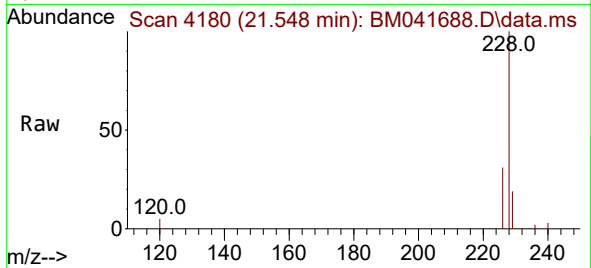




#21
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.548 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

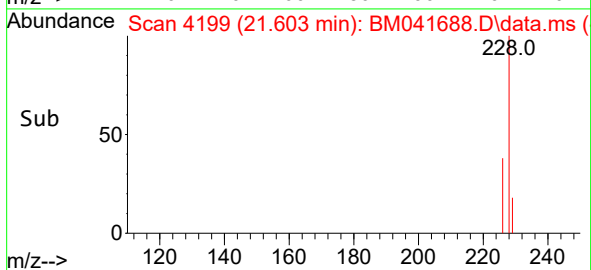
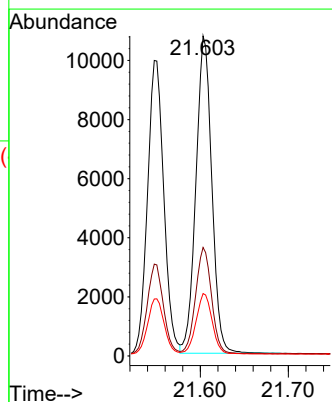
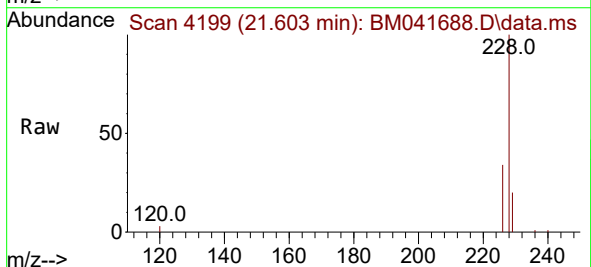
Instrument :
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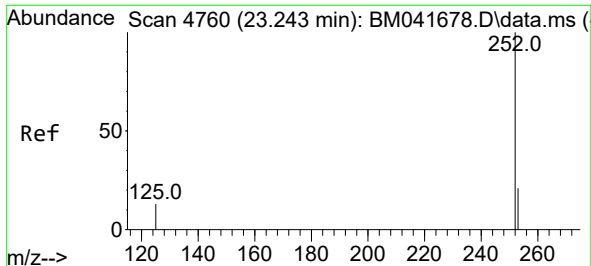
Tgt Ion:228 Resp: 12793
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.6
226 31.1 24.8 37.2



#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.006 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

Tgt Ion:228 Resp: 13529
Ion Ratio Lower Upper
228 100
226 33.9 27.0 40.6
229 19.5 15.4 23.2

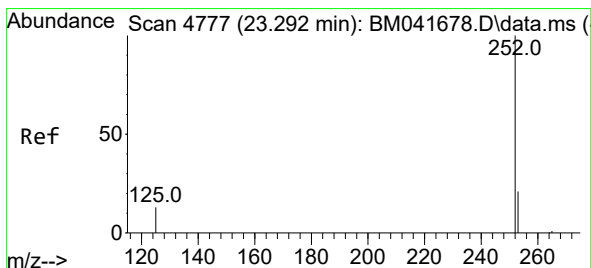
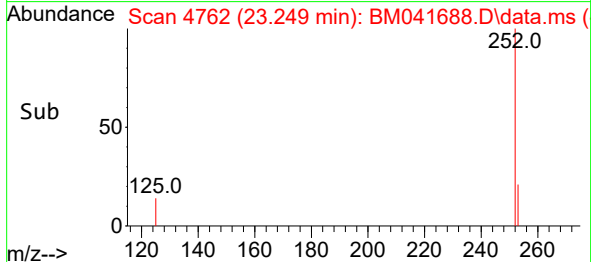
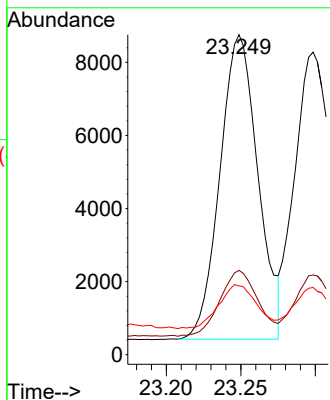
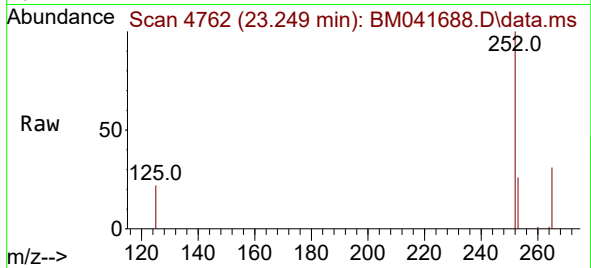




#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 23.249 min Scan# 4762
Delta R.T. -0.003 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

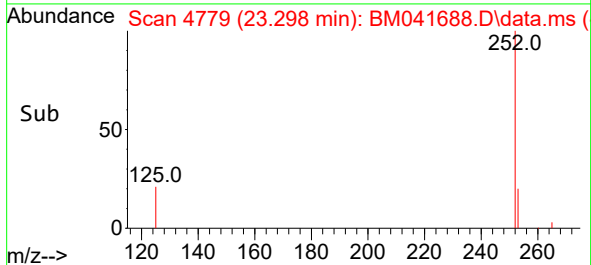
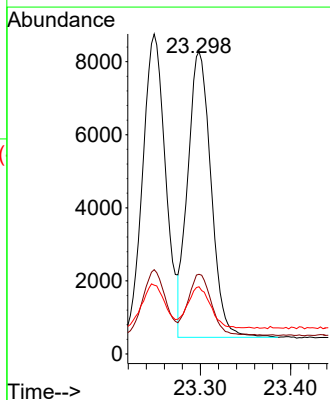
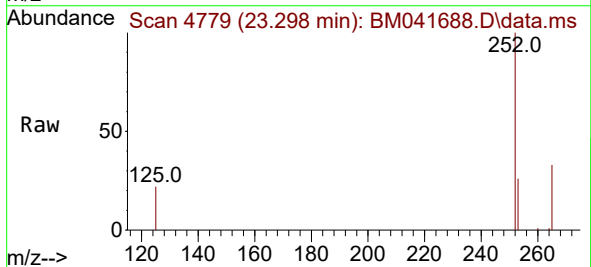
Instrument :
BNA_M
ClientSampleId :
SSTD0.4071

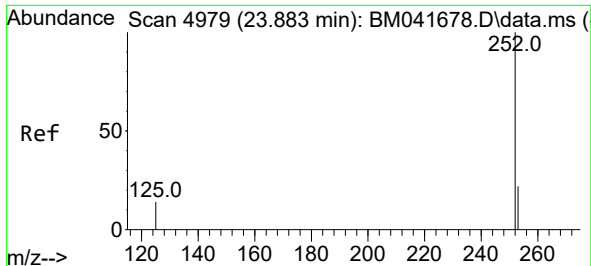
Tgt Ion:252 Resp: 14796
Ion Ratio Lower Upper
252 100
253 26.4 0.0 52.4
125 21.5 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.298 min Scan# 4779
Delta R.T. -0.006 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

Tgt Ion:252 Resp: 13987
Ion Ratio Lower Upper
252 100
253 26.3 21.3 31.9
125 22.2 17.4 26.0

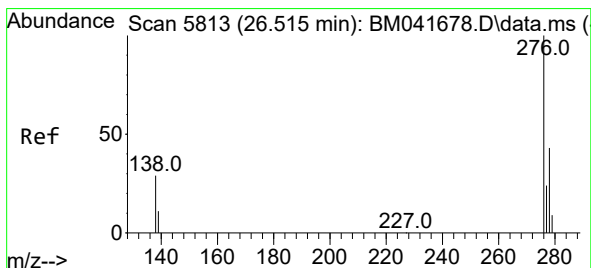
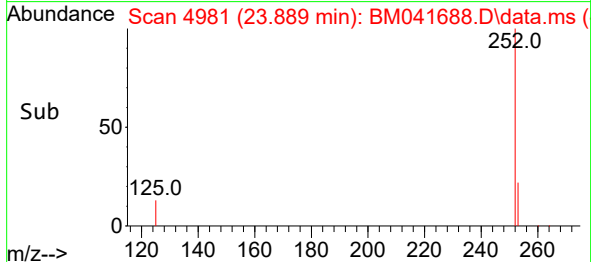
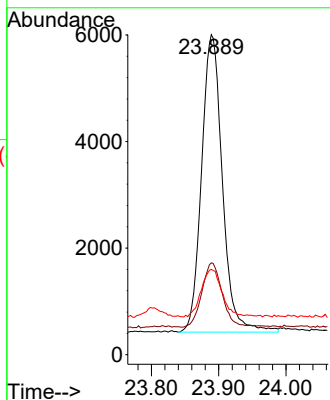
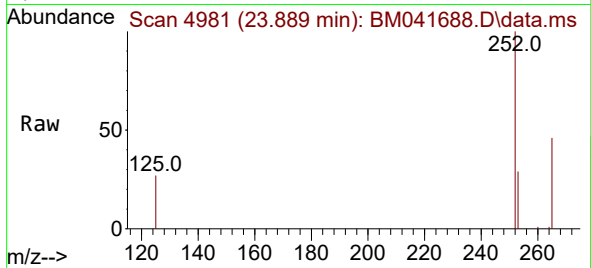




#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.889 min Scan# 4979
Delta R.T. -0.009 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

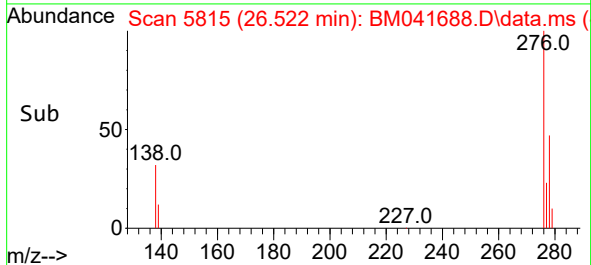
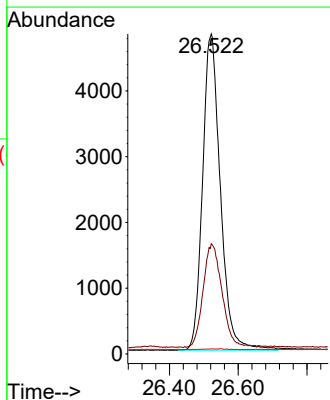
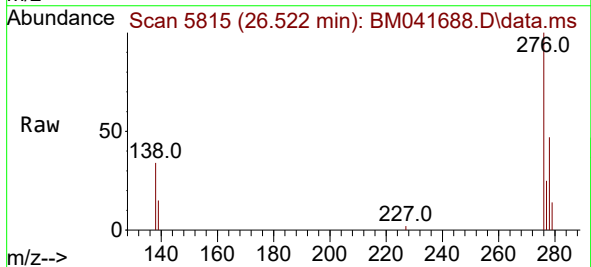
Instrument :
BNA_M
ClientSampleId :
SSTD0.4071

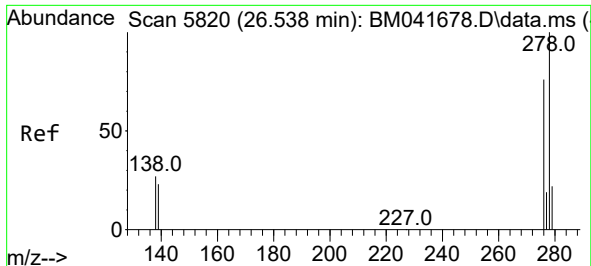
Tgt Ion:252 Resp: 12015
Ion Ratio Lower Upper
252 100
253 28.7 22.4 33.6
125 26.7 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.522 min Scan# 5815
Delta R.T. -0.010 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

Tgt Ion:276 Resp: 17312
Ion Ratio Lower Upper
276 100
138 34.6 26.4 39.6
227 0.1 0.1 0.1

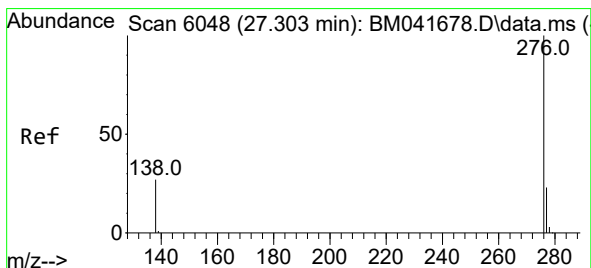
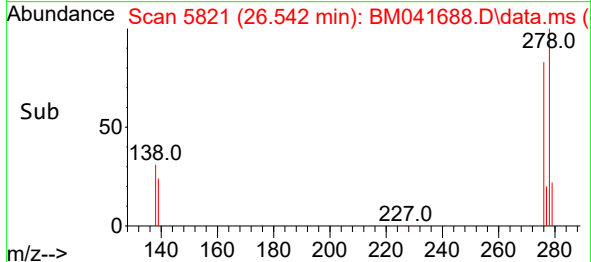
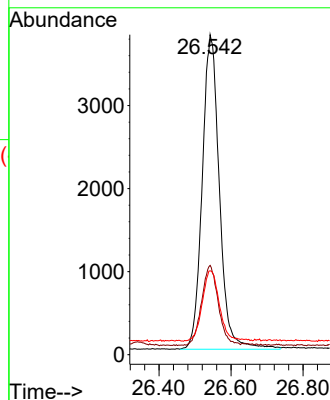
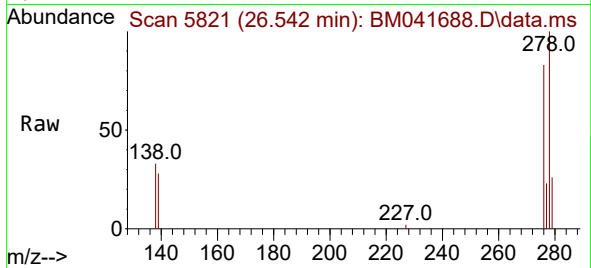




#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 26.542 min Scan# 5821
Delta R.T. -0.010 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4071

Tgt Ion:278 Resp: 12552
Ion Ratio Lower Upper
278 100
139 27.9 23.0 34.6
279 26.2 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 27.307 min Scan# 6049
Delta R.T. -0.010 min
Lab File: BM041688.D
Acq: 07 Sep 2023 10:43

Tgt Ion:276 Resp: 15137
Ion Ratio Lower Upper
276 100
138 32.5 25.0 37.4
277 25.6 20.2 30.2

