

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041678.D
 Acq On : 07 Sep 2023 03:56
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4070

Quant Time: Sep 07 04:27:21 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)

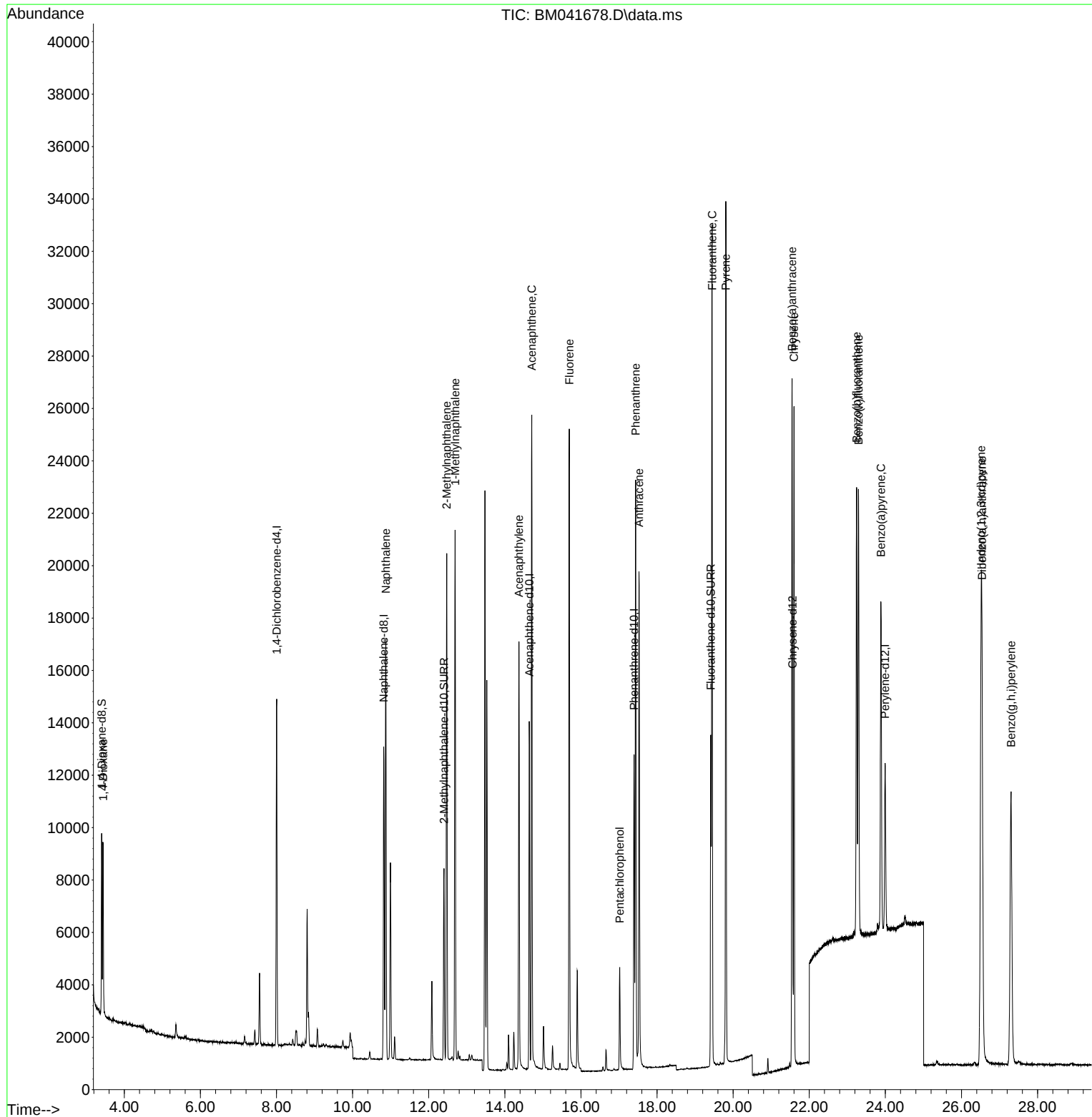
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	6477	0.400	ng/u1	0.00
4) Naphthalene-d8	10.818	136	15154	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.643	164	6824	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.396	188	13671	0.400	ng/u1	0.00
17) Chrysene-d12	21.562	240	7603	0.400	ng/u1	# 0.00
23) Perylene-d12	23.994	264	8987	0.400	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3786	0.382	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.401	152	8878	0.455	ng/u1	0.00
18) Fluoranthene-d10	19.413	212	12249	0.332	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	3929	0.382	ng/u1	97
5) Naphthalene	10.873	128	21893	0.440	ng/u1	99
7) 2-Methylnaphthalene	12.473	142	13110	0.464	ng/u1	99
8) 1-Methylnaphthalene	12.693	142	13170	0.464	ng/u1	100
10) Acenaphthylene	14.370	152	19045	0.452	ng/u1	99
11) Acenaphthene	14.708	153	14169	0.432	ng/u1	97
12) Fluorene	15.693	166	15926	0.433	ng/u1	98
14) Pentachlorophenol	17.020	266	2798	0.511	ng/u1	99
15) Phenanthrene	17.438	178	24481	0.424	ng/u1	99
16) Anthracene	17.527	178	22104	0.447	ng/u1	99
19) Fluoranthene	19.445	202	26292	0.293	ng/u1	97
20) Pyrene	19.808	202	27073	0.304	ng/u1	99
21) Benzo(a)anthracene	21.545	228	20829	0.336	ng/u1	99
22) Chrysene	21.600	228	20742	0.310	ng/u1	99
24) Benzo(b)fluoranthene	23.243	252	22573	0.281	ng/u1	98
25) Benzo(k)fluoranthene	23.292	252	22092	0.281	ng/u1	97
26) Benzo(a)pyrene	23.883	252	19722	0.302	ng/u1	97
27) Indeno(1,2,3-cd)pyrene	26.515	276	28142	0.314	ng/u1#	98
28) Dibenzo(a,h)anthracene	26.538	278	20784	0.331	ng/u1	94
29) Benzo(g,h,i)perylene	27.303	276	23701	0.298	ng/u1	98

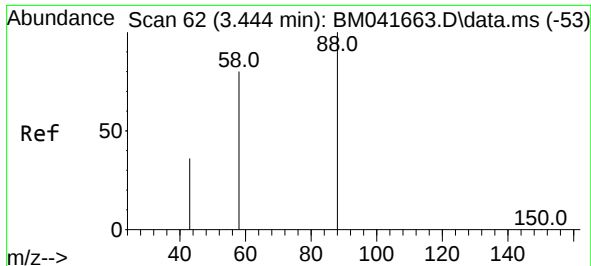
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 07 04:27:21 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

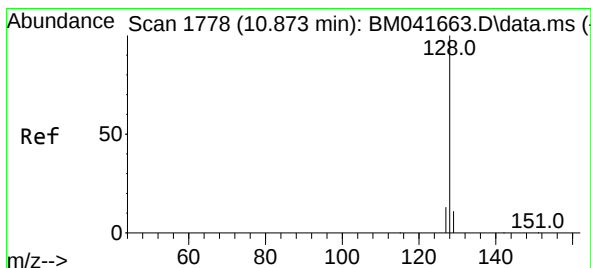
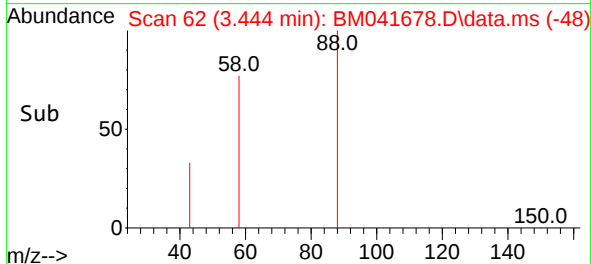
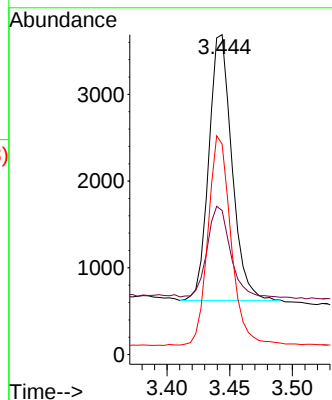
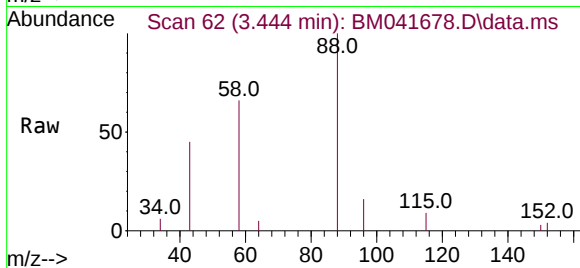




#2
1,4-Dioxane
Concen: 0.382 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

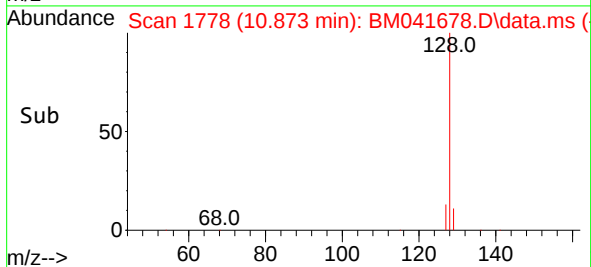
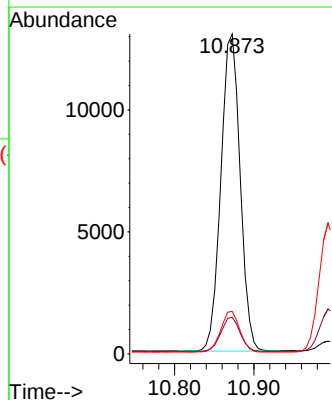
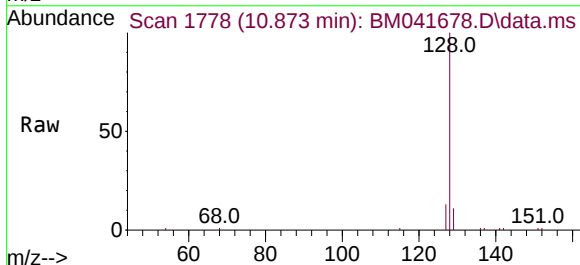
Instrument :
BNA_M
ClientSampleId :
SSTD0.4070

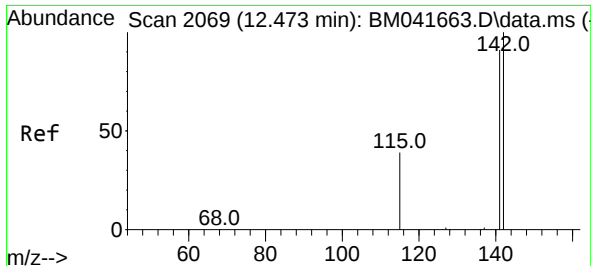
Tgt Ion: 88 Resp: 3929
Ion Ratio Lower Upper
88 100
43 45.0 33.8 50.6
58 65.8 54.2 81.2



#5
Naphthalene
Concen: 0.440 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

Tgt Ion: 128 Resp: 21893
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.3 11.0 16.6

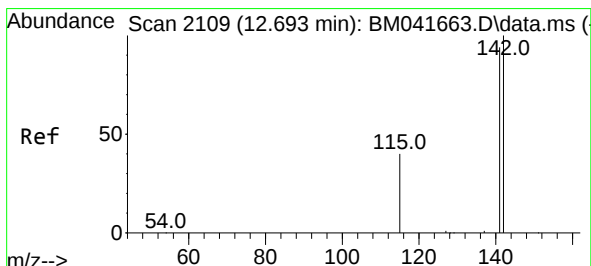
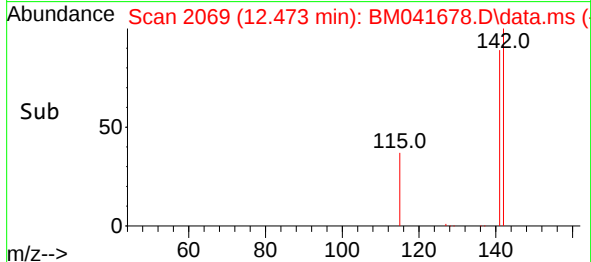
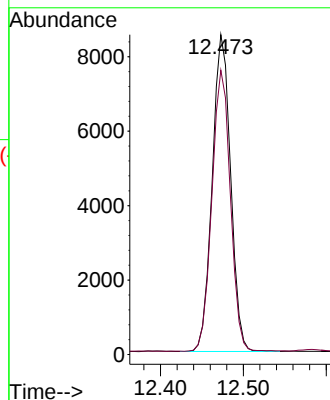
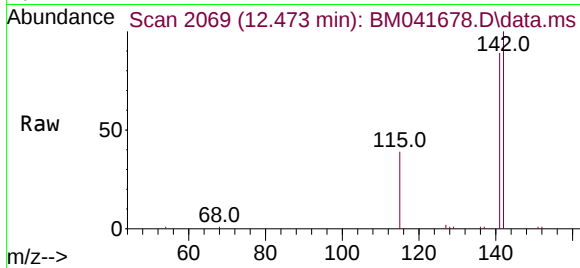




#7
2-Methylnaphthalene
Concen: 0.464 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

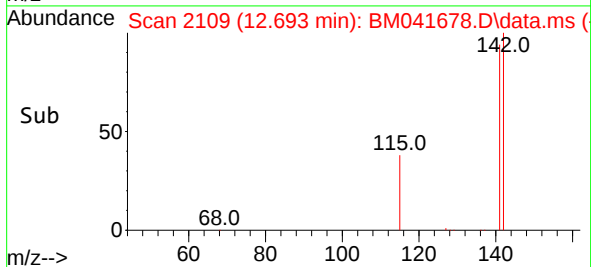
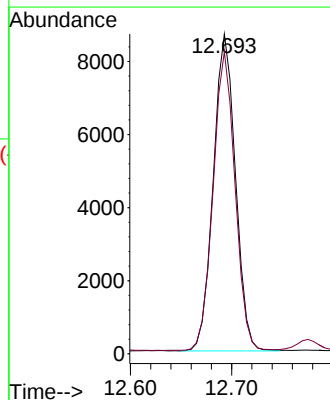
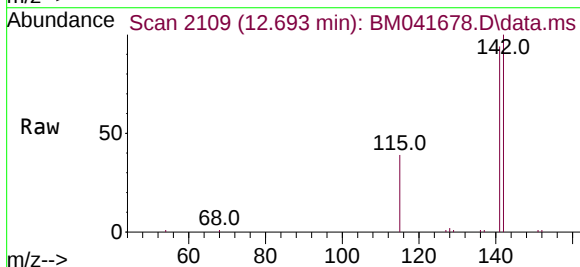
Instrument :
BNA_M
ClientSampleId :
SSTD0.4070

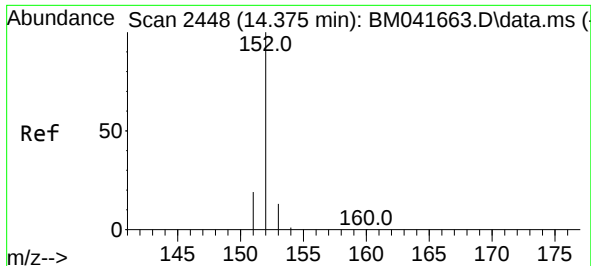
Tgt Ion:142 Resp: 13110
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.464 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

Tgt Ion:142 Resp: 13170
Ion Ratio Lower Upper
142 100
141 93.3 74.4 111.6

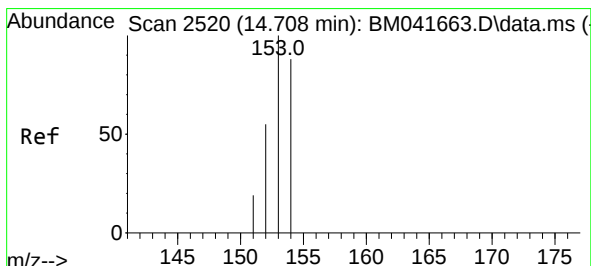
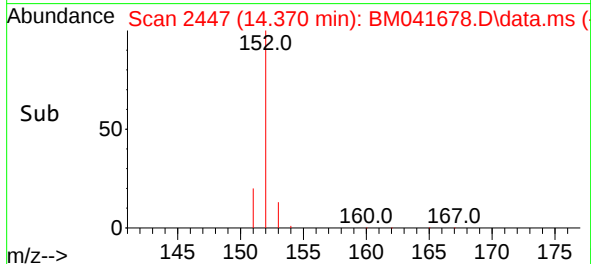
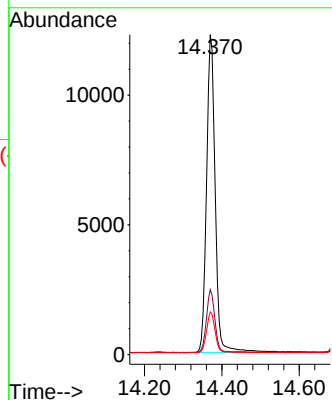
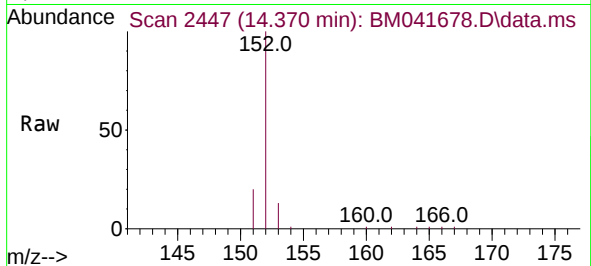




#10
Acenaphthylene
Concen: 0.452 ng/ul
RT: 14.370 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

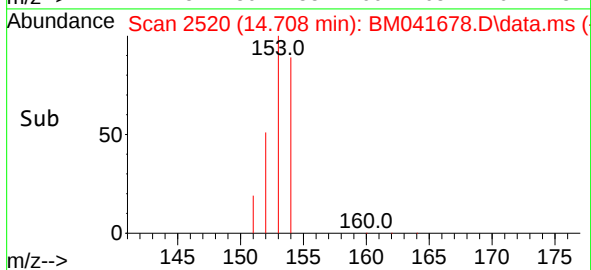
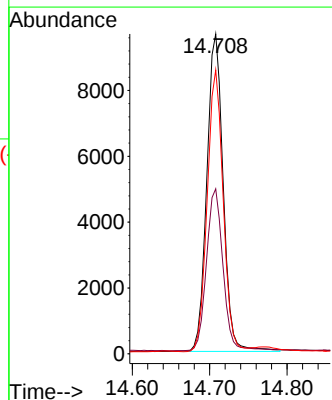
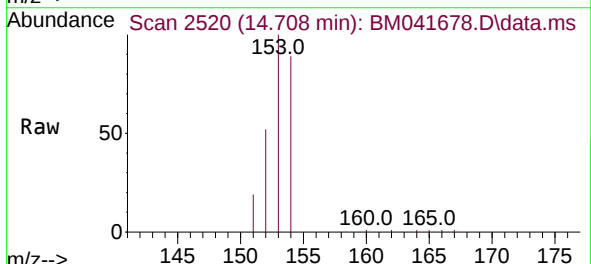
Instrument :
BNA_M
ClientSampleId :
SSTD0.4070

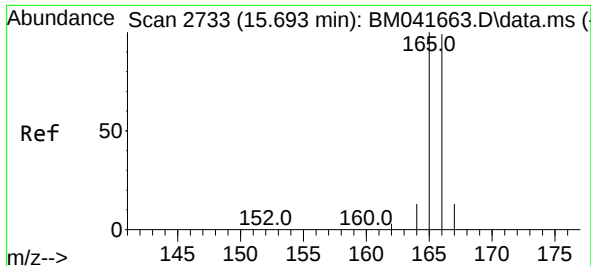
Tgt Ion:152 Resp: 19045
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.3 11.1 16.7



#11
Acenaphthene
Concen: 0.432 ng/ul
RT: 14.708 min Scan# 2520
Delta R.T. -0.005 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

Tgt Ion:153 Resp: 14169
Ion Ratio Lower Upper
153 100
152 51.6 43.4 65.2
154 88.7 69.4 104.0

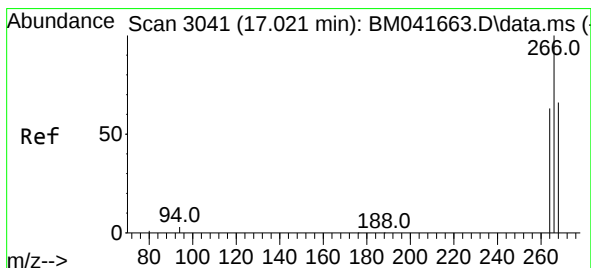
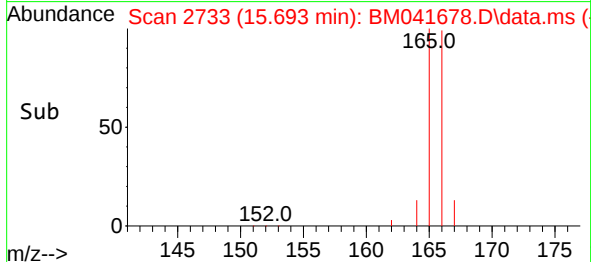
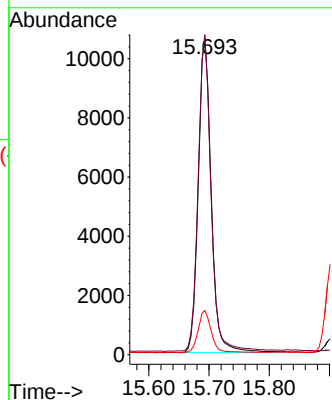
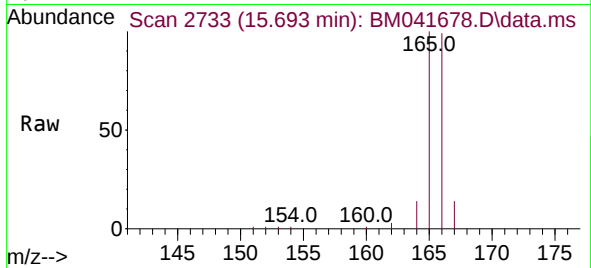




#12
Fluorene
Concen: 0.433 ng/ul
RT: 15.693 min Scan# 2733
Delta R.T. -0.005 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

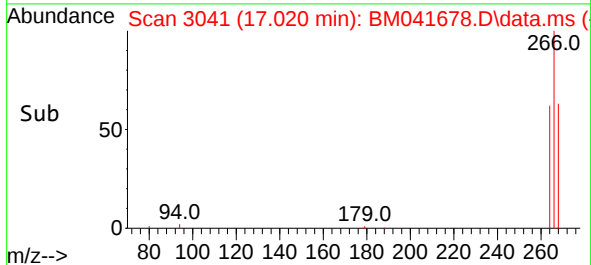
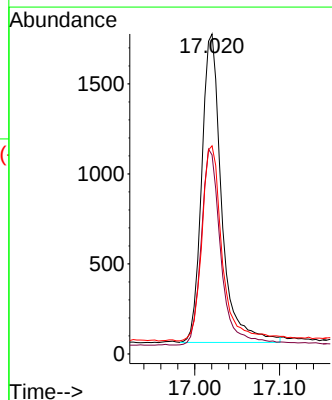
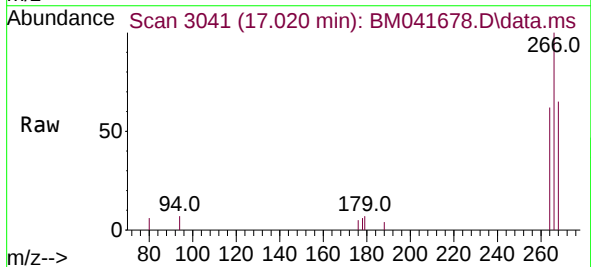
Instrument :
BNA_M
ClientSampleId :
SSTD0.4070

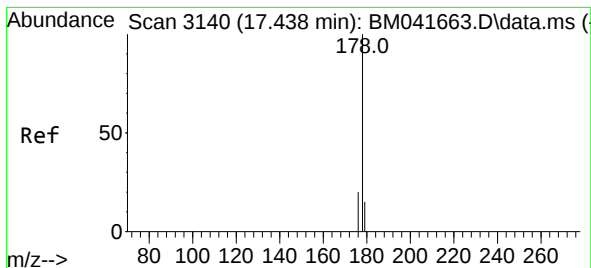
Tgt Ion:166 Resp: 15926
Ion Ratio Lower Upper
166 100
165 101.0 79.4 119.2
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.511 ng/ul
RT: 17.020 min Scan# 3041
Delta R.T. -0.004 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

Tgt Ion:266 Resp: 2798
Ion Ratio Lower Upper
266 100
264 62.9 50.0 75.0
268 64.8 50.8 76.2





#15

Phenanthrene

Concen: 0.424 ng/ul

RT: 17.438 min Scan# 3140

Delta R.T. -0.004 min

Lab File: BM041678.D

Acq: 07 Sep 2023 03:56

Instrument :

BNA_M

ClientSampleId :

SSTD0.4070

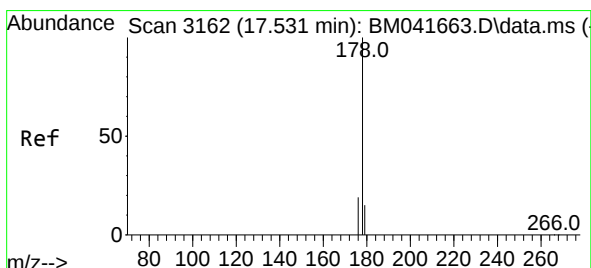
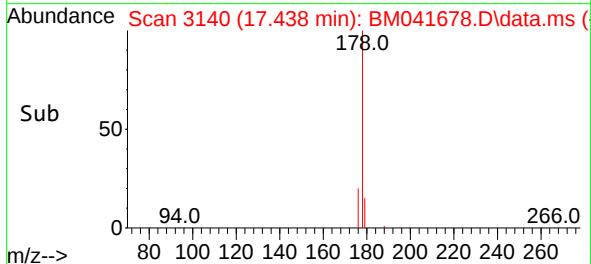
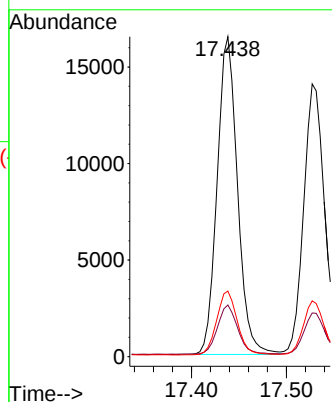
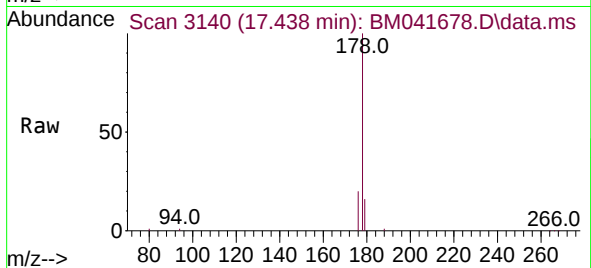
Tgt Ion:178 Resp: 24481

Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 20.5 16.9 25.3



#16

Anthracene

Concen: 0.447 ng/ul

RT: 17.527 min Scan# 3161

Delta R.T. -0.008 min

Lab File: BM041678.D

Acq: 07 Sep 2023 03:56

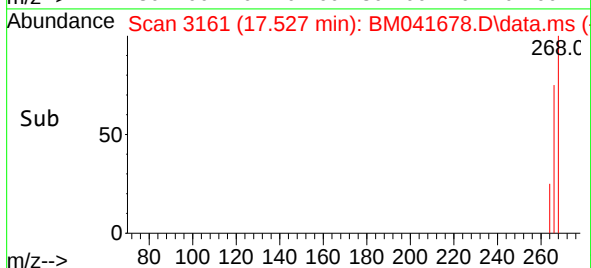
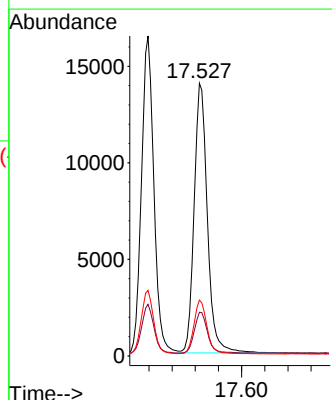
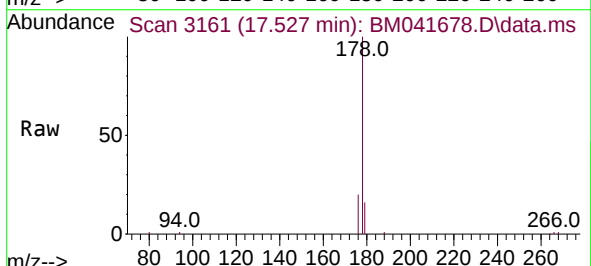
Tgt Ion:178 Resp: 22104

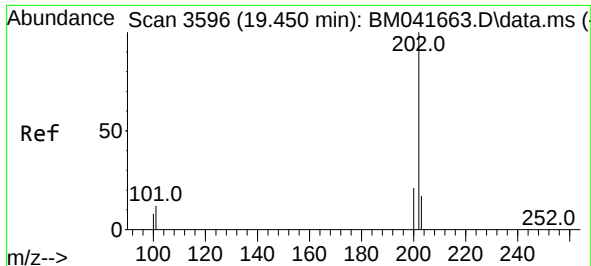
Ion Ratio Lower Upper

178 100

179 16.0 12.9 19.3

176 20.4 15.8 23.8

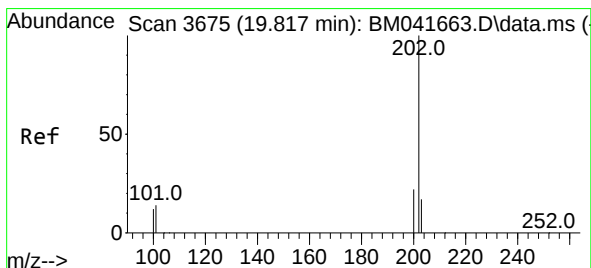
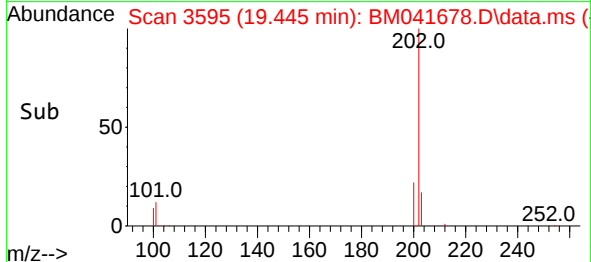
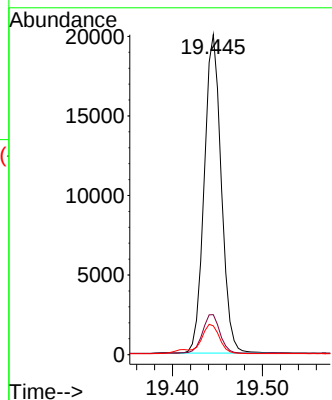
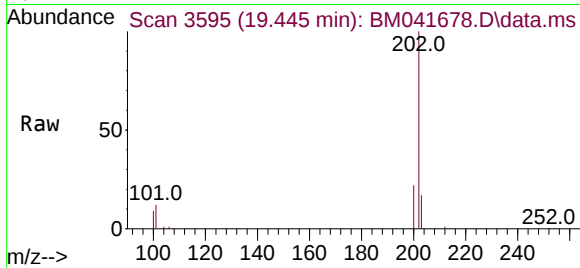




#19
Fluoranthene
Concen: 0.293 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

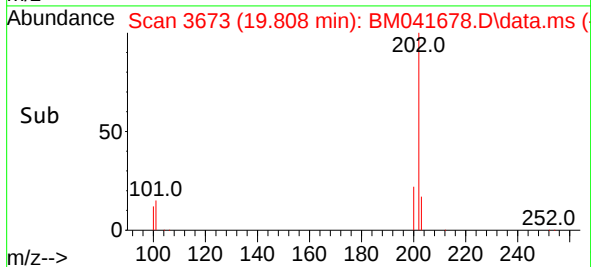
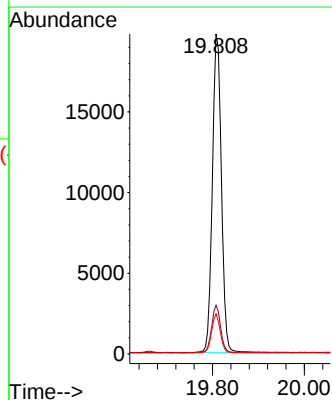
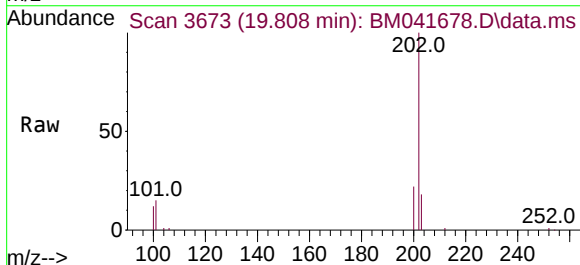
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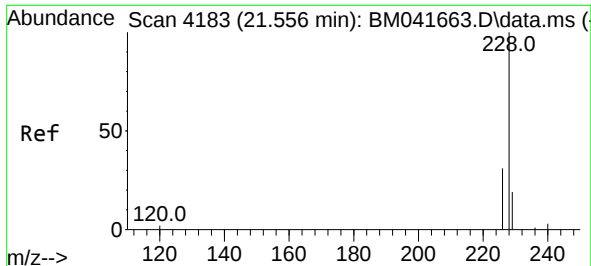
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.5	15.7
100	9.0	8.4	12.6



#20
Pyrene
Concen: 0.304 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.8	17.8
100	12.5	9.8	14.6

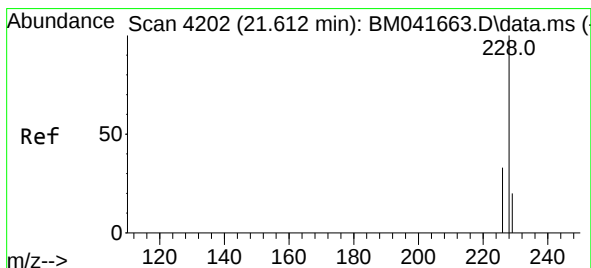
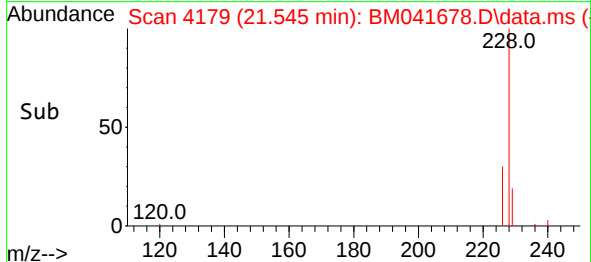
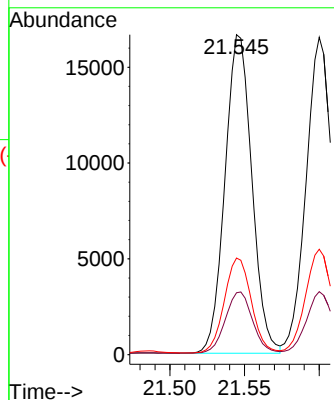
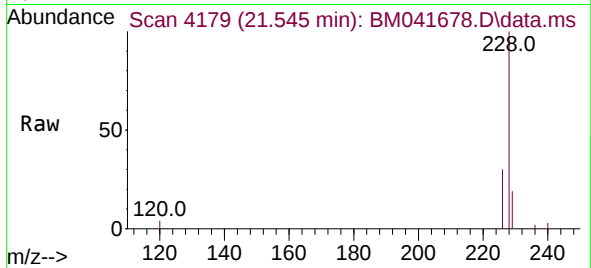




#21
Benzo(a)anthracene
Concen: 0.336 ng/ul
RT: 21.545 min Scan# 411
Delta R.T. -0.009 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

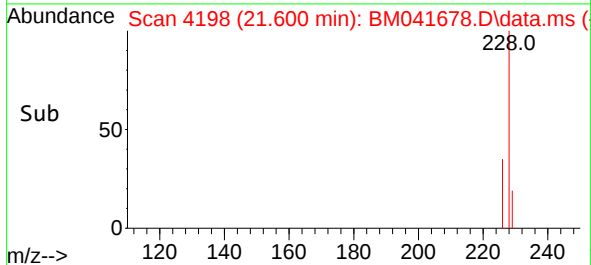
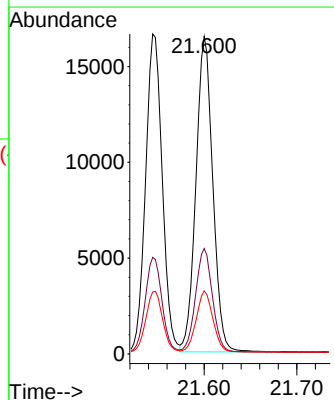
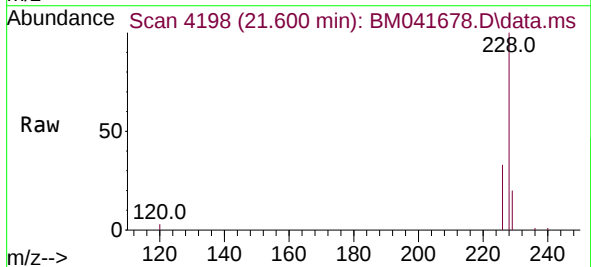
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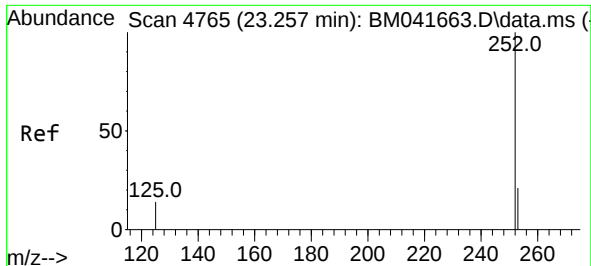
Tgt Ion:228 Resp: 20829
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.6
226 30.2 24.8 37.2



#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.600 min Scan# 4198
Delta R.T. -0.009 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

Tgt Ion:228 Resp: 20742
Ion Ratio Lower Upper
228 100
226 33.2 27.0 40.6
229 19.8 15.4 23.2

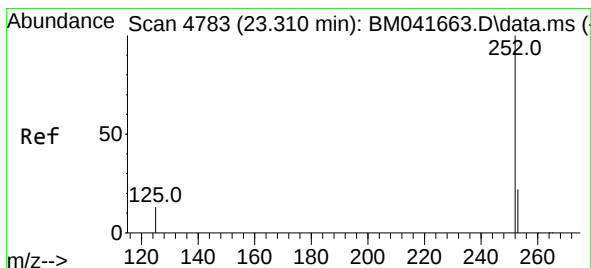
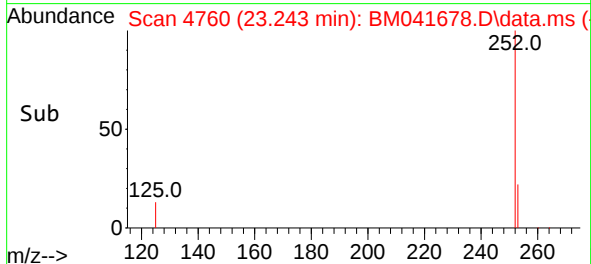
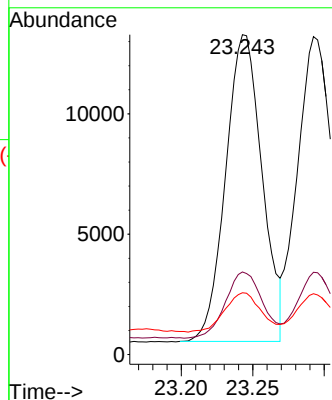
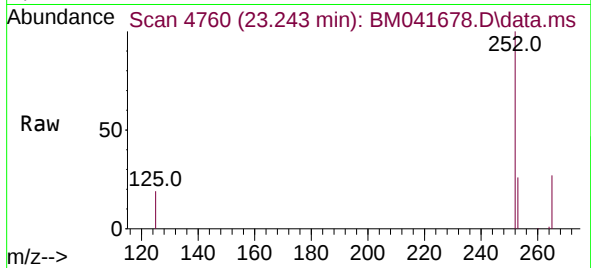




#24
Benzo(b)fluoranthene
Concen: 0.281 ng/ul
RT: 23.243 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

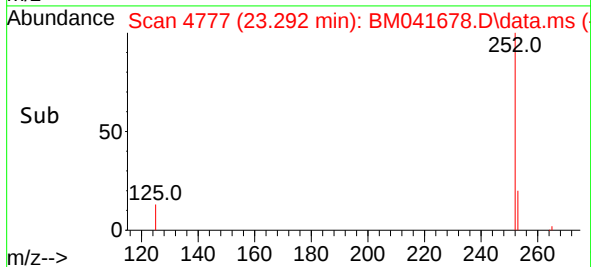
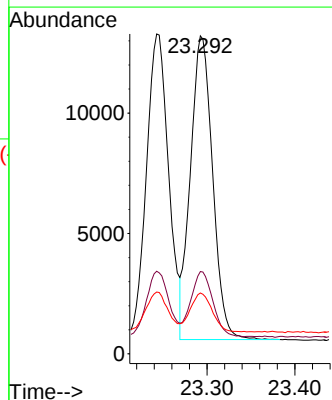
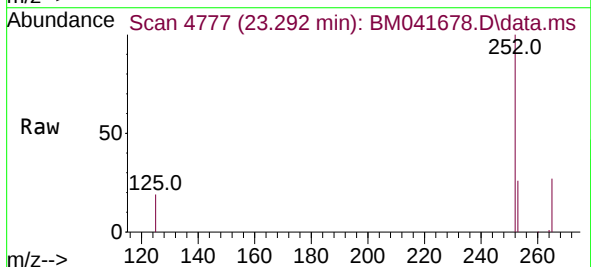
Instrument :
BNA_M
ClientSampleId :
SSTD0.4070

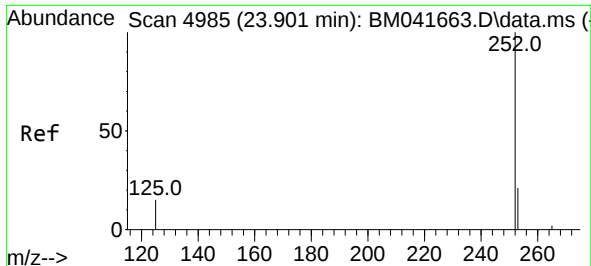
Tgt Ion:252 Resp: 22573
Ion Ratio Lower Upper
252 100
253 25.8 0.0 52.4
125 19.3 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.281 ng/ul
RT: 23.292 min Scan# 4777
Delta R.T. -0.012 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

Tgt Ion:252 Resp: 22092
Ion Ratio Lower Upper
252 100
253 25.9 21.3 31.9
125 19.1 17.4 26.0

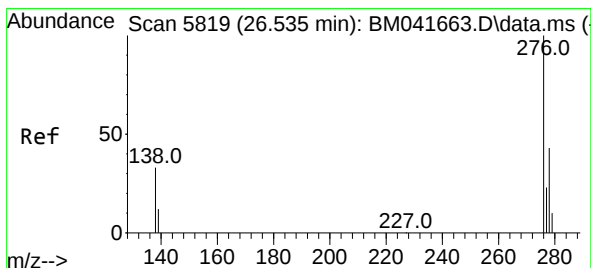
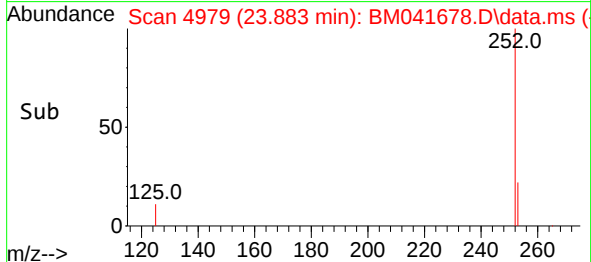
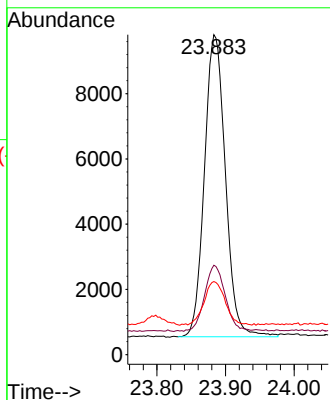
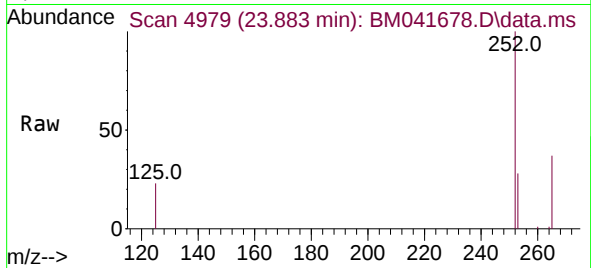




#26
Benzo(a)pyrene
Concen: 0.302 ng/ul
RT: 23.883 min Scan# 4985
Delta R.T. -0.015 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

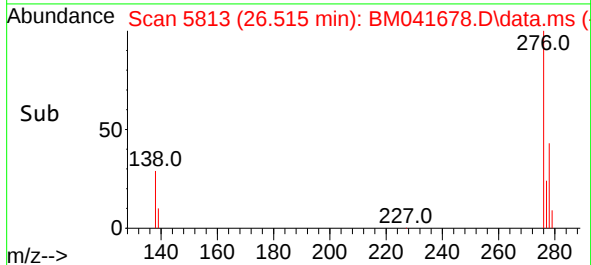
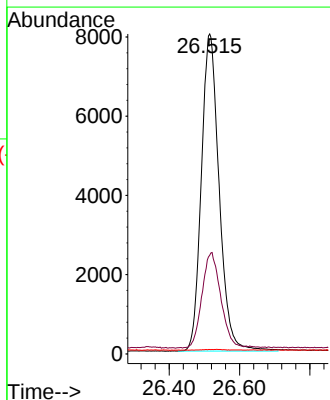
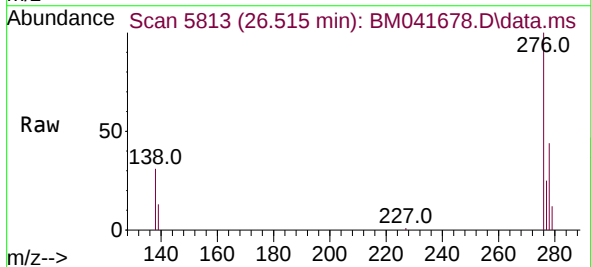
Instrument :
BNA_M
ClientSampleId :
SSTD0.4070

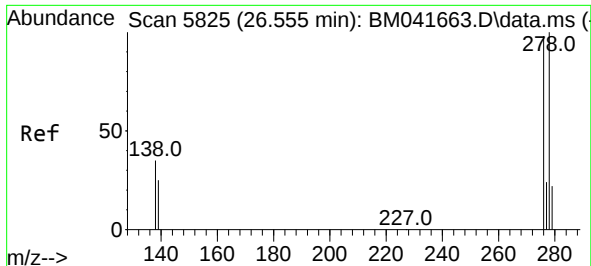
Tgt Ion:252 Resp: 19722
Ion Ratio Lower Upper
252 100
253 27.9 22.4 33.6
125 22.8 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng/ul
RT: 26.515 min Scan# 5813
Delta R.T. -0.017 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

Tgt Ion:276 Resp: 28142
Ion Ratio Lower Upper
276 100
138 31.8 26.4 39.6
227 0.0 0.1 0.1#

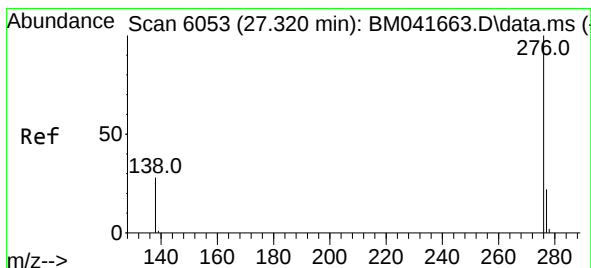
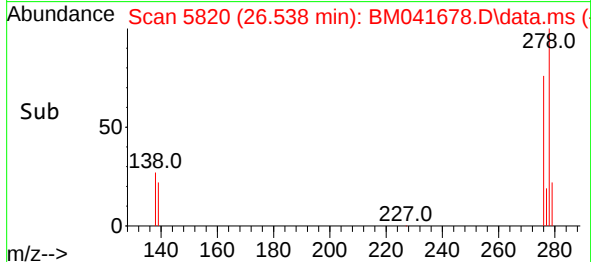
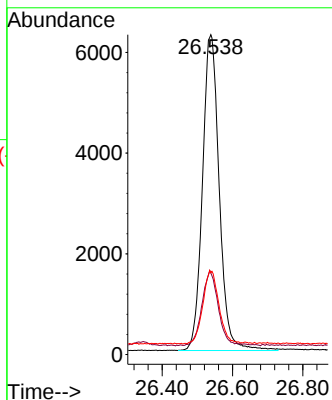
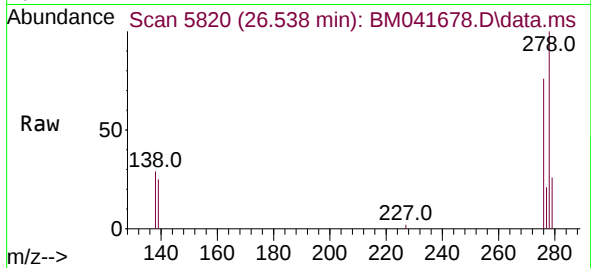




#28
Dibenzo(a,h)anthracene
Concen: 0.331 ng/ul
RT: 26.538 min Scan# 581
Delta R.T. -0.013 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4070

Tgt Ion:278 Resp: 20784
Ion Ratio Lower Upper
278 100
139 25.5 23.0 34.6
279 25.6 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 27.303 min Scan# 6048
Delta R.T. -0.013 min
Lab File: BM041678.D
Acq: 07 Sep 2023 03:56

Tgt Ion:276 Resp: 23701
Ion Ratio Lower Upper
276 100
138 29.0 25.0 37.4
277 25.0 20.2 30.2

