

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061822\
 Data File : BM035518.D
 Acq On : 18 Jun 2022 12:47
 Operator : CG/JU
 Sample : SST0.244
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2044

Quant Time: Jun 20 01:40:26 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:37:25 2022
 Response via : Initial Calibration

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

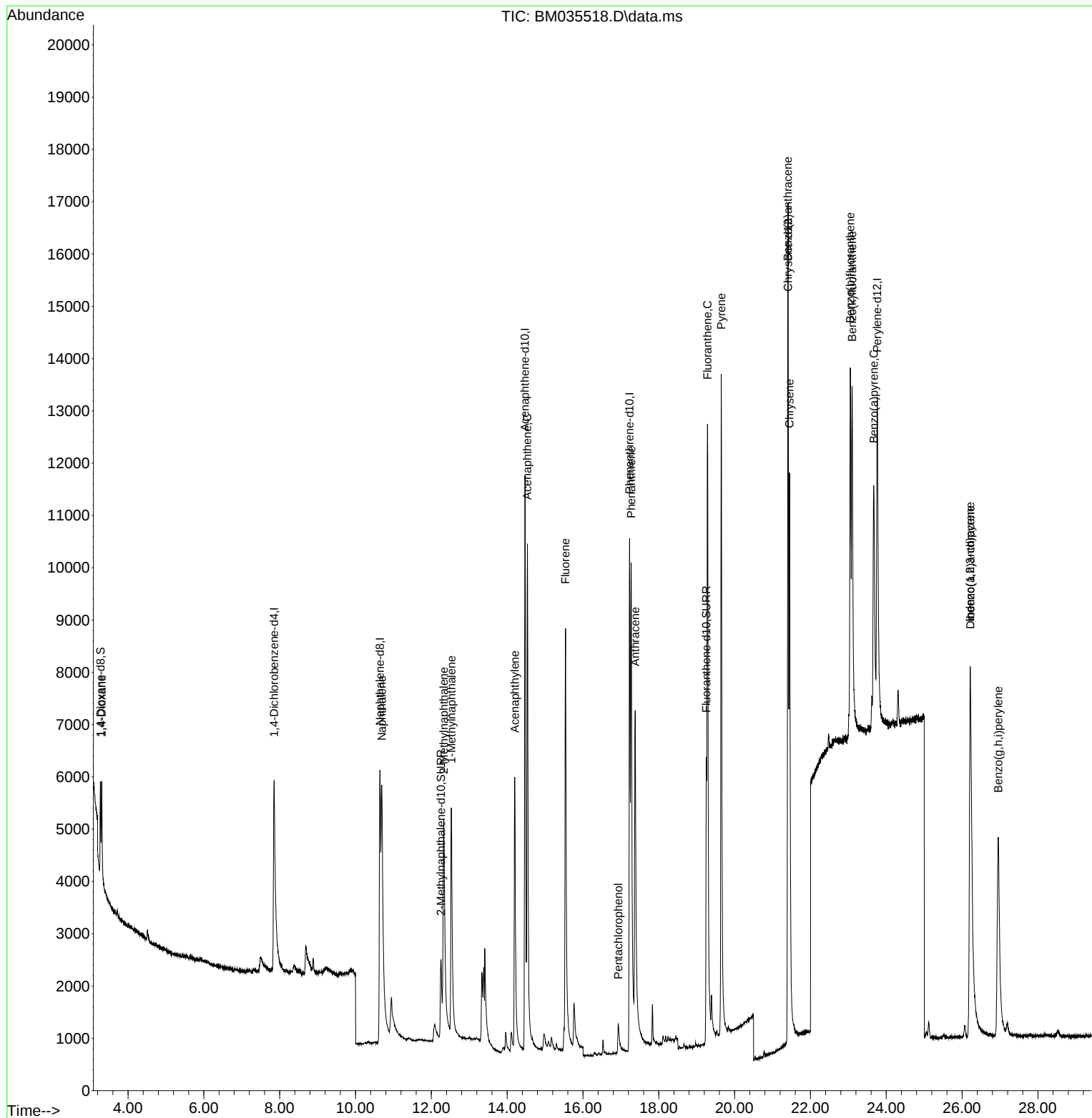
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4359	0.400	ng/ul	0.00
4) Naphthalene-d8	10.644	136	14863	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	8176	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	16405	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	12319	0.400	ng/ul	0.00
23) Perylene-d12	23.761	264	11135	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1266	0.242	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	4195	0.177	ng/ul	0.01
18) Fluoranthene-d10	19.253	212	8025	0.190	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.306	88	1118	0.213	ng/ul#	80
5) Naphthalene	10.693	128	11231	0.229	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	6159	0.191	ng/ul	99
8) 1-Methylnaphthalene	12.530	142	4890	0.163	ng/ul	94
10) Acenaphthylene	14.201	152	10060	0.208	ng/ul	99
11) Acenaphthene	14.534	153	7476	0.214	ng/ul	99
12) Fluorene	15.538	166	8352	0.204	ng/ul	99
14) Pentachlorophenol	16.934	266	795	0.128	ng/ul#	66
15) Phenanthrene	17.272	178	13357	0.214	ng/ul	99
16) Anthracene	17.377	178	11477	0.202	ng/ul	99
19) Fluoranthene	19.285	202	14098	0.204	ng/ul	97
20) Pyrene	19.648	202	15053	0.214	ng/ul	99
21) Benzo(a)anthracene	21.403	228	10178	0.179	ng/ul	99
22) Chrysene	21.449	228	12412	0.209	ng/ul	99
24) Benzo(b)fluoranthene	23.051	252	10595	0.181	ng/ul	90
25) Benzo(k)fluoranthene	23.101	252	10970	0.197	ng/ul#	90
26) Benzo(a)pyrene	23.671	252	11396	0.215	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.215	276	12710	0.242	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.218	278	10420	0.249	ng/ul	93
29) Benzo(g,h,i)perylene	26.956	276	11533	0.255	ng/ul	95

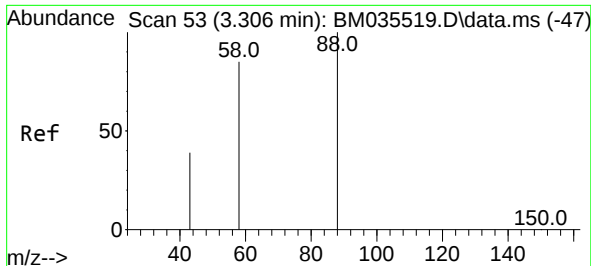
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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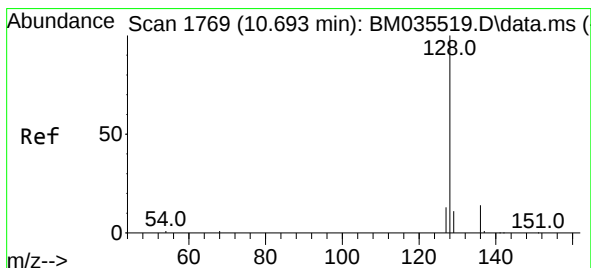
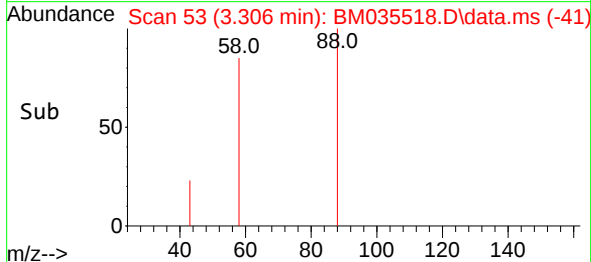
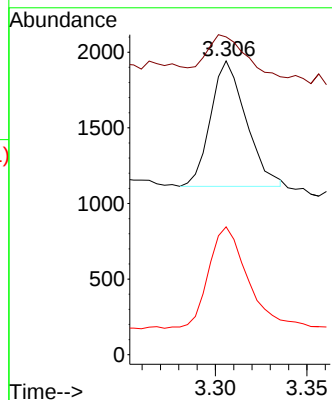
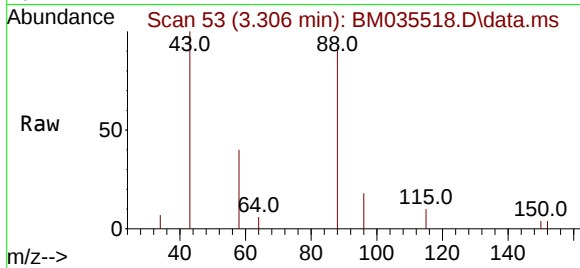




#2
1,4-Dioxane
Concen: 0.213 ng/ul
RT: 3.306 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

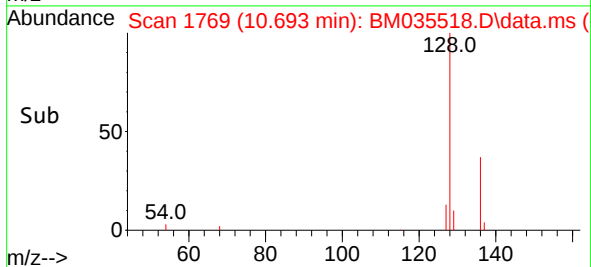
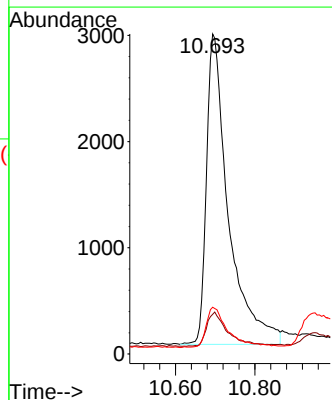
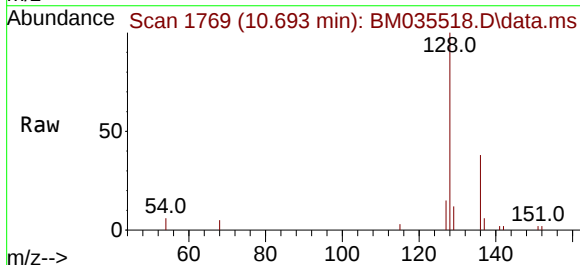
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

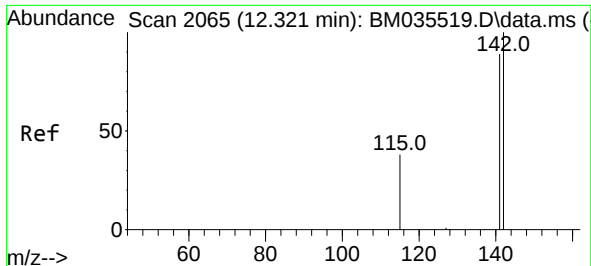
Tgt Ion: 88 Resp: 1118
Ion Ratio Lower Upper
88 100
43 108.1 70.4 105.6#
58 43.5 45.6 68.4#



#5
Naphthalene
Concen: 0.229 ng/ul
RT: 10.693 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

Tgt Ion: 128 Resp: 11231
Ion Ratio Lower Upper
128 100
129 12.4 10.1 15.1
127 14.6 11.4 17.2

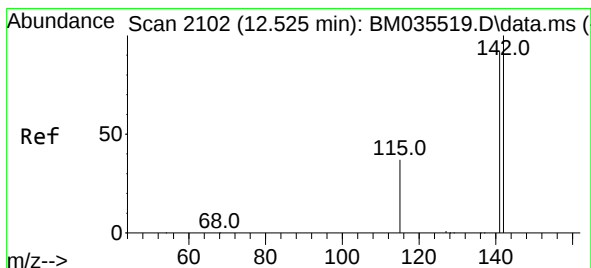
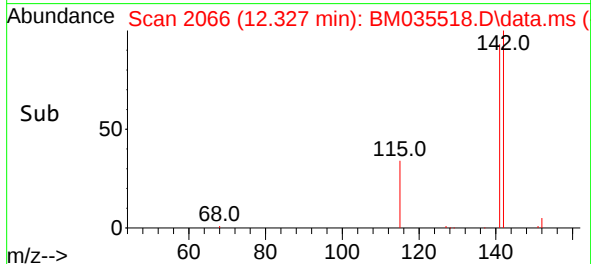
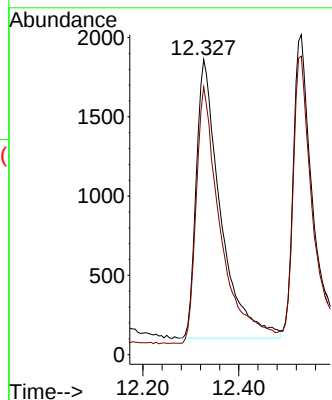
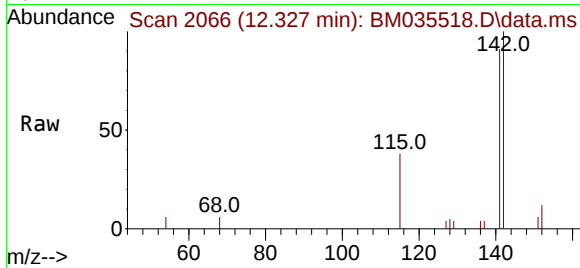




#7
2-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.005 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

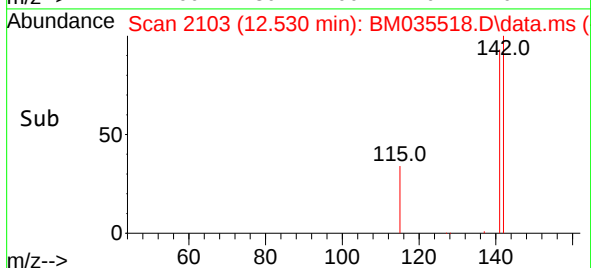
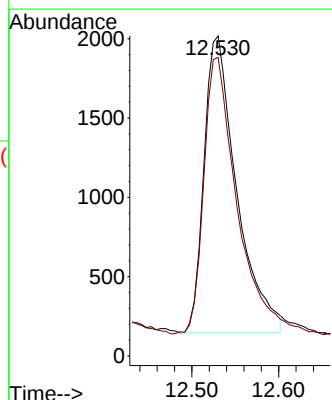
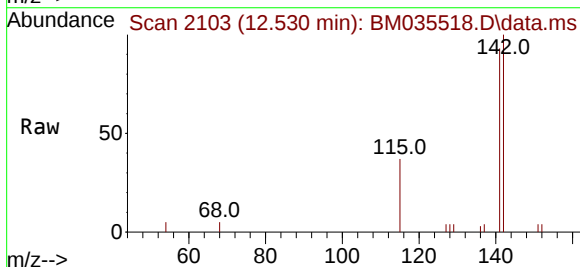
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

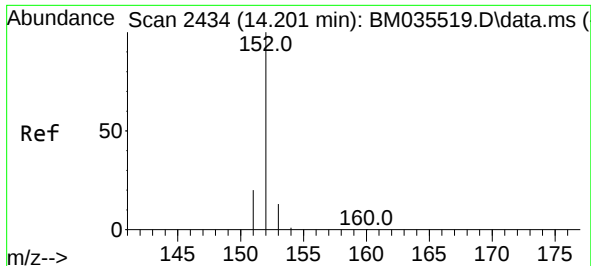
Tgt Ion:142 Resp: 6159
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1



#8
1-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.530 min Scan# 2103
Delta R.T. 0.005 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

Tgt Ion:142 Resp: 4890
Ion Ratio Lower Upper
142 100
141 93.2 70.1 105.1

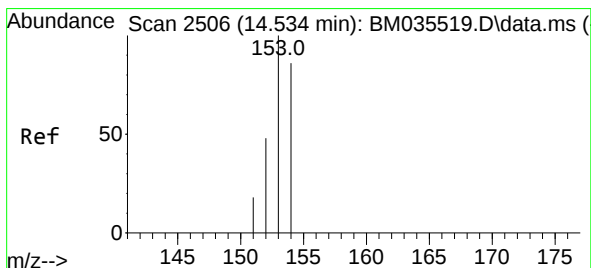
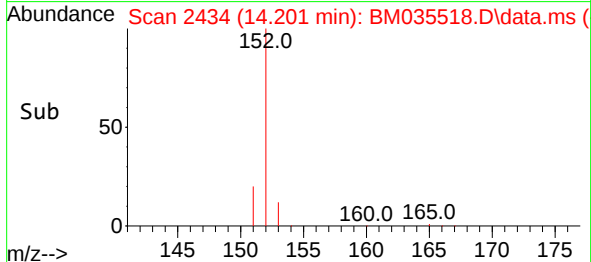
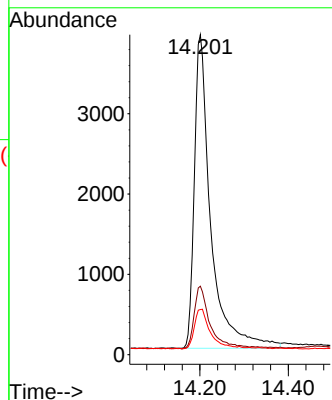
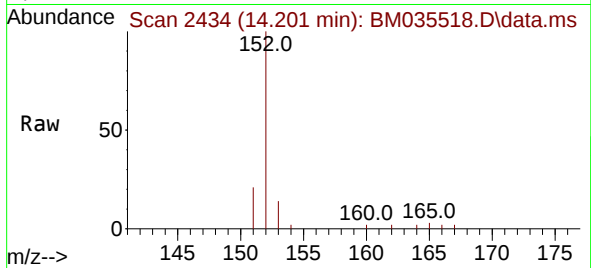




#10
Acenaphthylene
Concen: 0.208 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

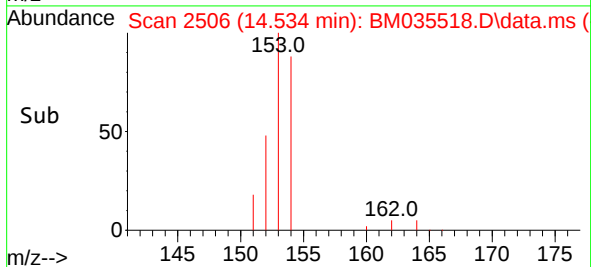
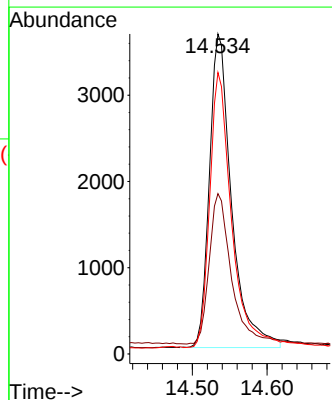
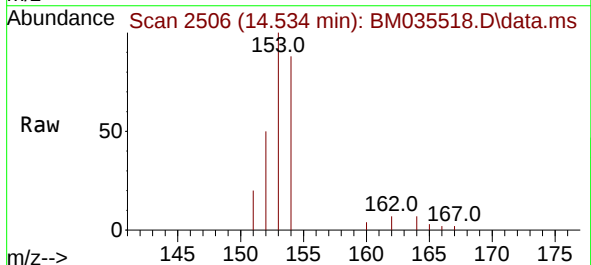
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

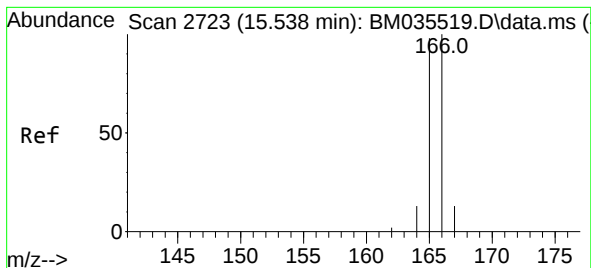
Tgt Ion:152 Resp: 10060
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.214 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

Tgt Ion:153 Resp: 7476
Ion Ratio Lower Upper
153 100
152 50.1 40.0 60.0
154 88.0 69.1 103.7





#12

Fluorene

Concen: 0.204 ng/ul

RT: 15.538 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035518.D

Acq: 18 Jun 2022 12:47

Instrument :

BNA_M

ClientSampleId :

SSTD0.2044

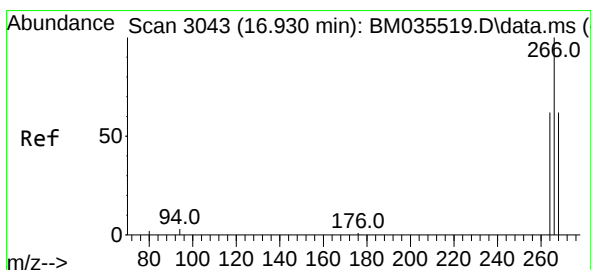
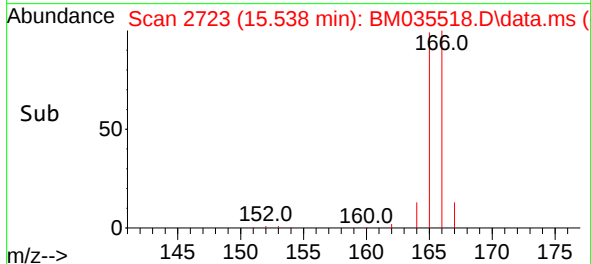
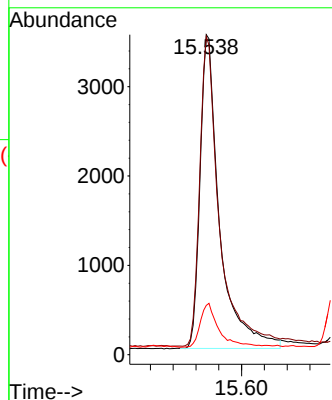
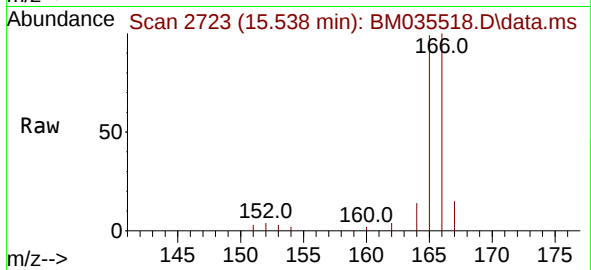
Tgt Ion:166 Resp: 8352

Ion Ratio Lower Upper

166 100

165 99.4 78.7 118.1

167 15.4 11.6 17.4



#14

Pentachlorophenol

Concen: 0.128 ng/ul

RT: 16.934 min Scan# 3044

Delta R.T. 0.004 min

Lab File: BM035518.D

Acq: 18 Jun 2022 12:47

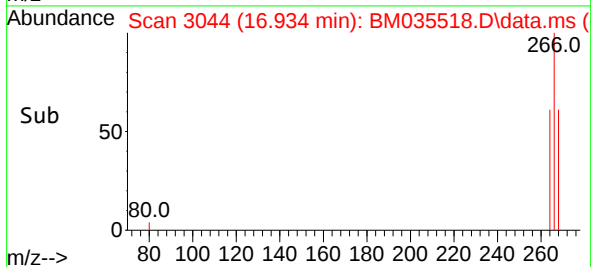
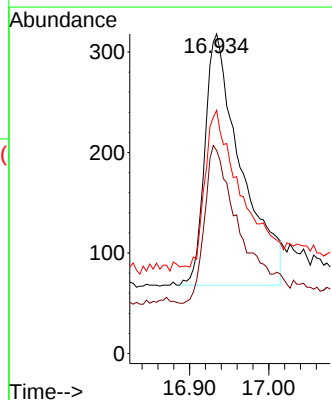
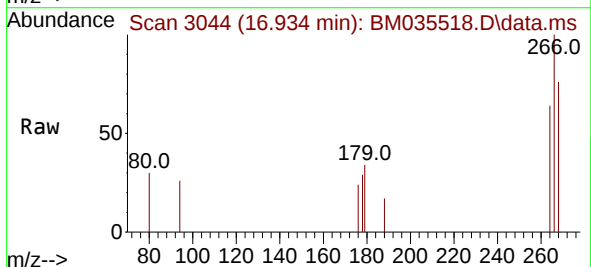
Tgt Ion:266 Resp: 795

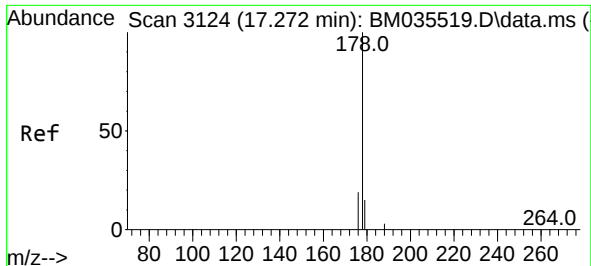
Ion Ratio Lower Upper

266 100

264 61.8 31.4 47.2#

268 60.4 32.9 49.3#

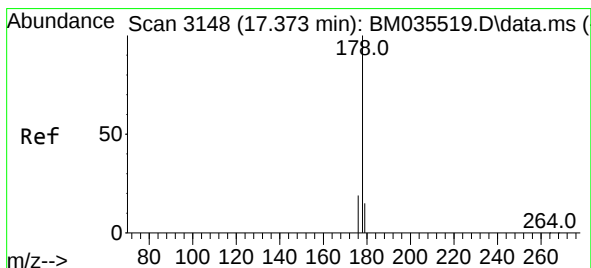
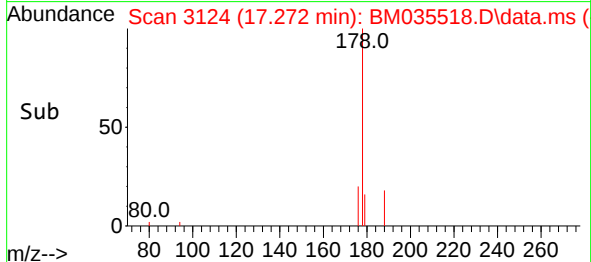
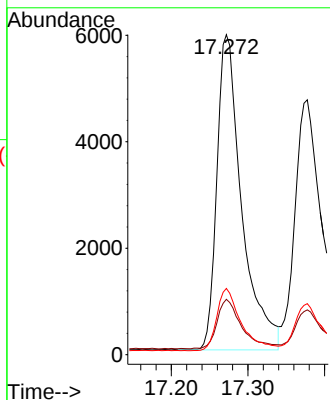
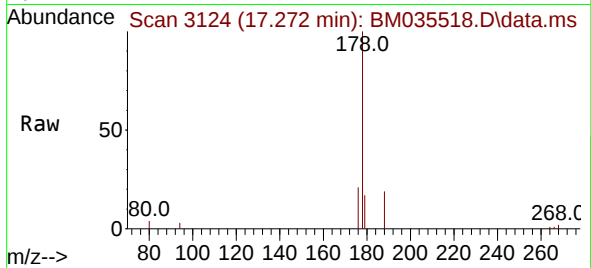




#15
Phenanthrene
Concen: 0.214 ng/ul
RT: 17.272 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

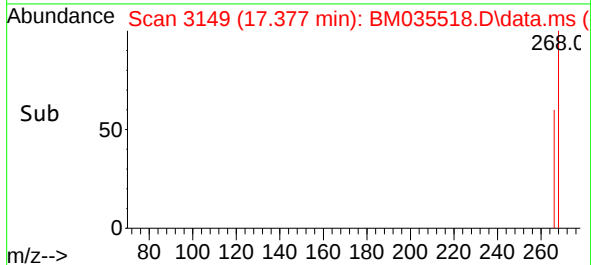
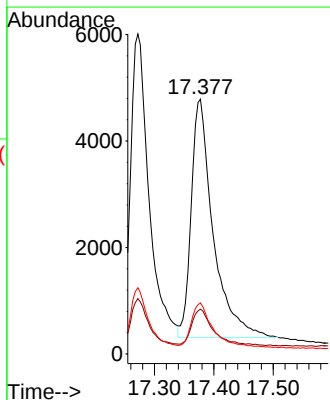
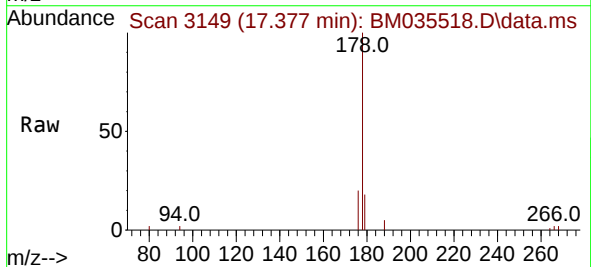
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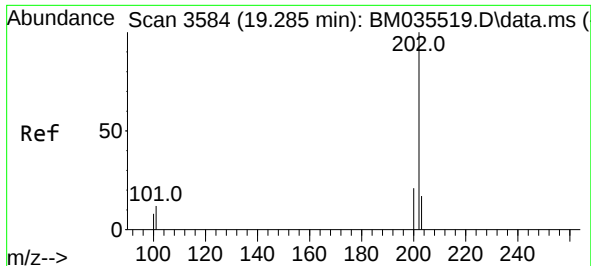
Tgt Ion:	178	Resp:	13357
Ion Ratio	Lower	Upper	
178	100		
179	17.3	13.2	19.8
176	20.7	16.2	24.4



#16
Anthracene
Concen: 0.202 ng/ul
RT: 17.377 min Scan# 3149
Delta R.T. 0.004 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

Tgt Ion:	178	Resp:	11477
Ion Ratio	Lower	Upper	
178	100		
179	17.6	13.4	20.0
176	20.1	15.9	23.9

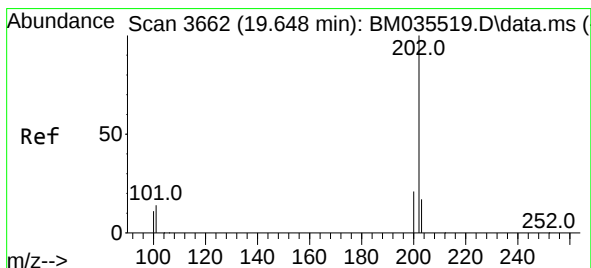
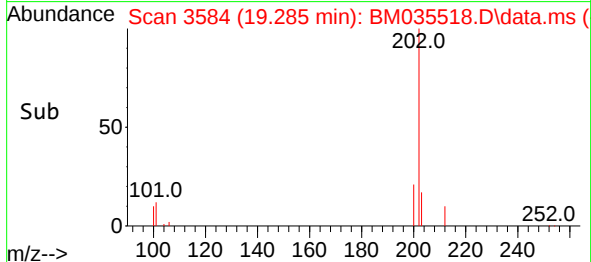
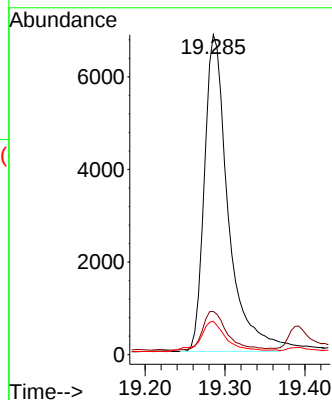
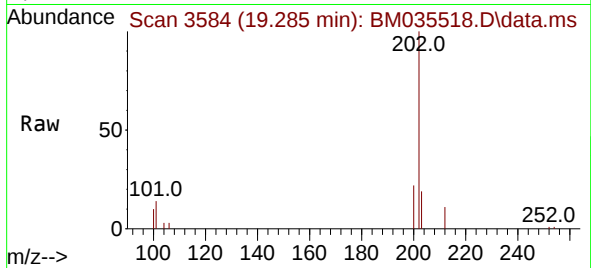




#19
Fluoranthene
Concen: 0.204 ng/ul
RT: 19.285 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

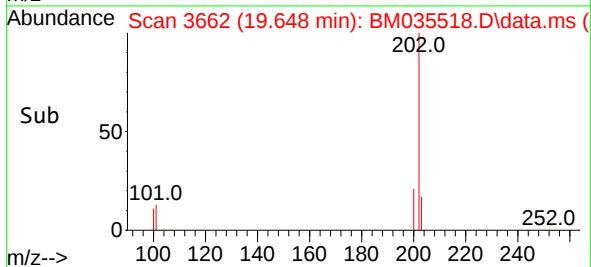
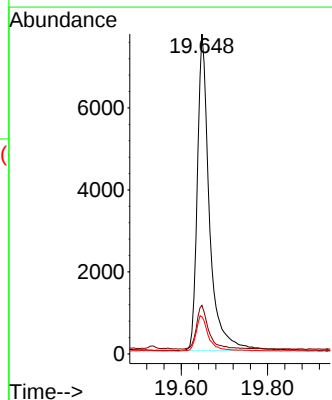
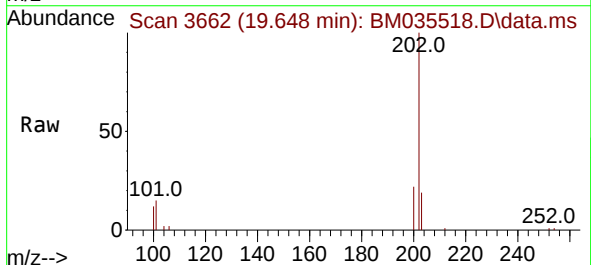
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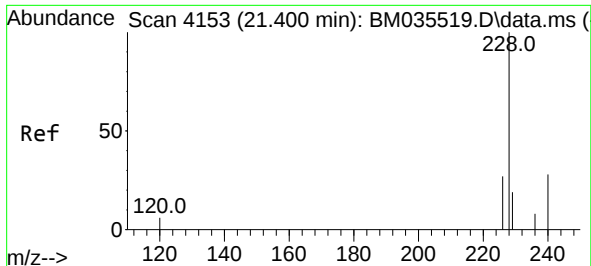
Tgt Ion:202 Resp: 14098
Ion Ratio Lower Upper
202 100
101 13.5 10.0 15.0
100 10.4 7.5 11.3



#20
Pyrene
Concen: 0.214 ng/ul
RT: 19.648 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

Tgt Ion:202 Resp: 15053
Ion Ratio Lower Upper
202 100
101 15.2 11.6 17.4
100 11.6 9.3 13.9

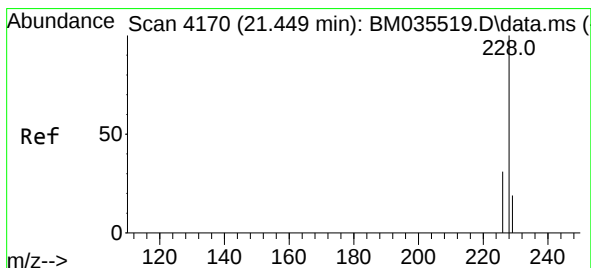
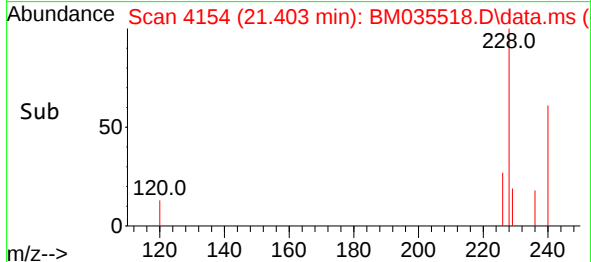
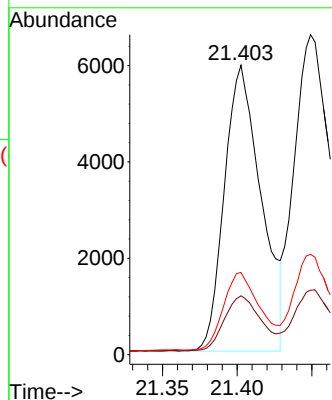
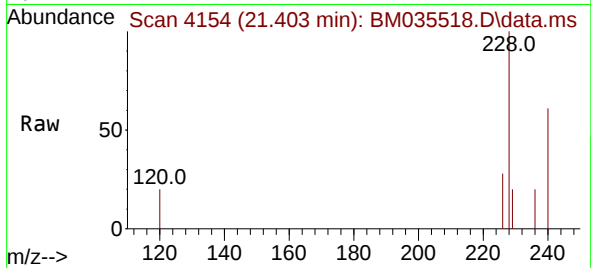




#21
Benzo(a)anthracene
Concen: 0.179 ng/ul
RT: 21.403 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

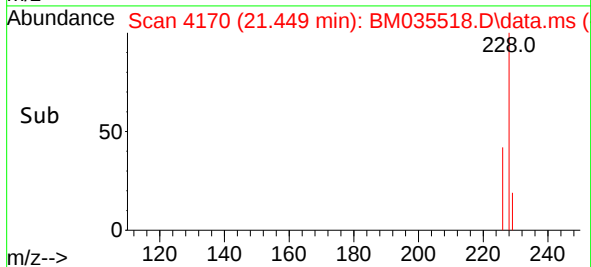
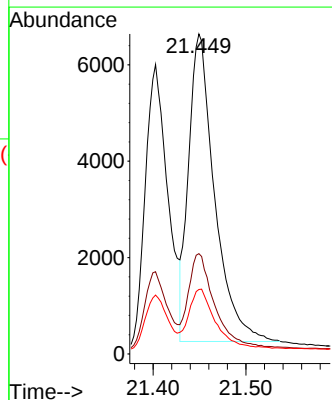
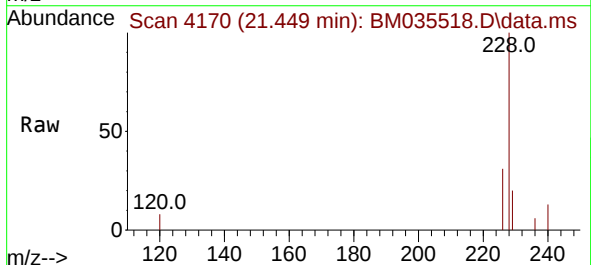
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

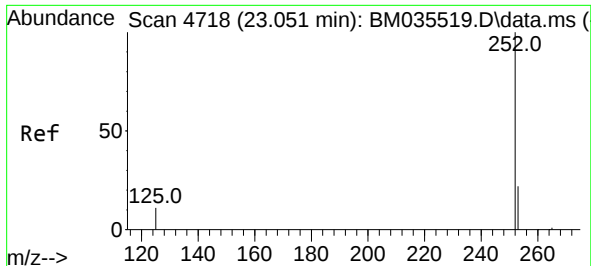
Tgt Ion:228 Resp: 10178
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 28.4 22.3 33.5



#22
Chrysene
Concen: 0.209 ng/ul
RT: 21.449 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

Tgt Ion:228 Resp: 12412
Ion Ratio Lower Upper
228 100
226 31.4 24.5 36.7
229 20.2 15.8 23.8

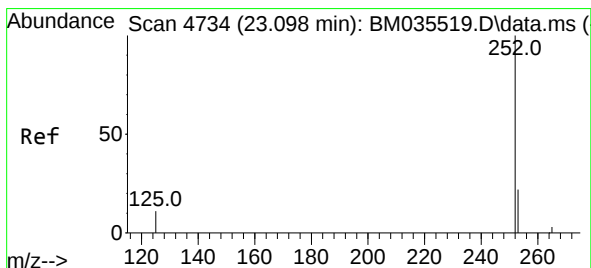
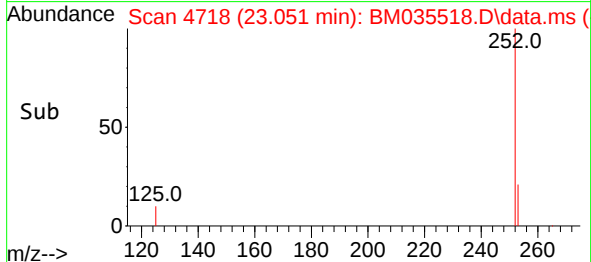
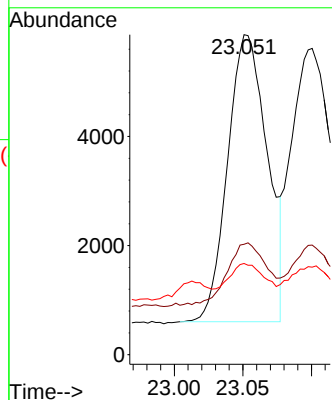
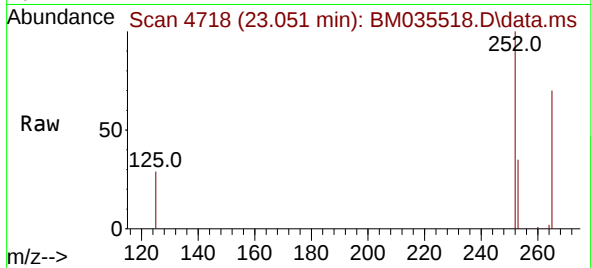




#24
Benzo(b)fluoranthene
Concen: 0.181 ng/ul
RT: 23.051 min Scan# 4718
Delta R.T. -0.000 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

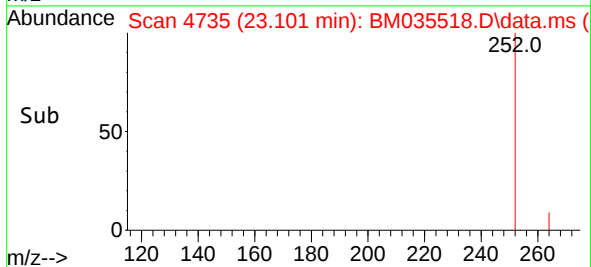
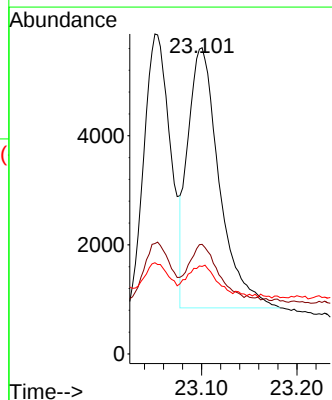
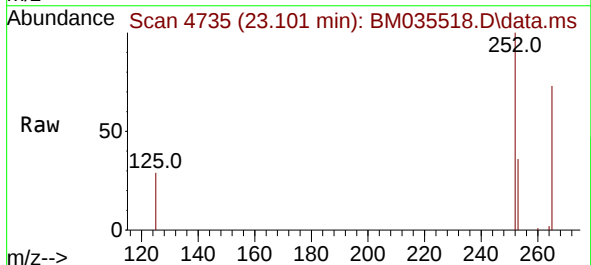
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

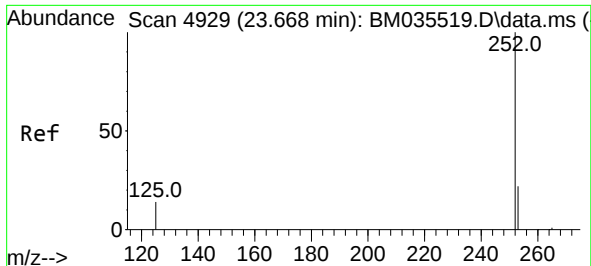
Tgt Ion:252 Resp: 10595
Ion Ratio Lower Upper
252 100
253 34.5 0.0 60.6
125 28.5 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.197 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. 0.003 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

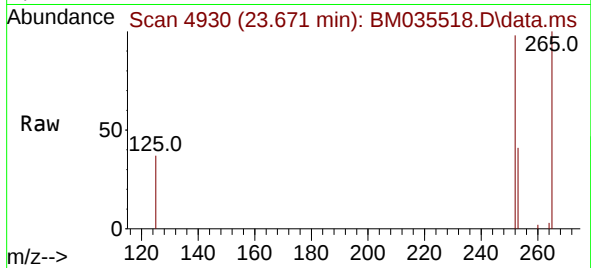
Tgt Ion:252 Resp: 10970
Ion Ratio Lower Upper
252 100
253 35.8 24.7 37.1
125 28.6 18.2 27.4#



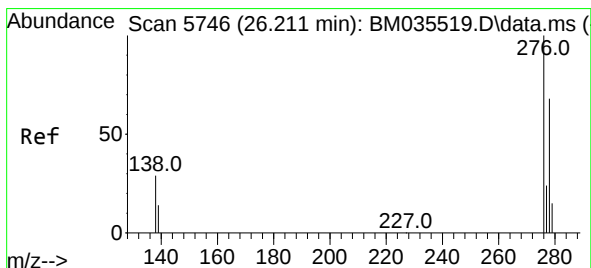
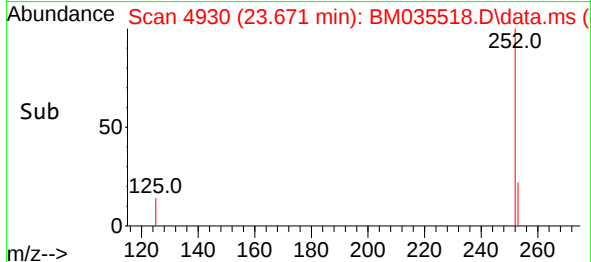
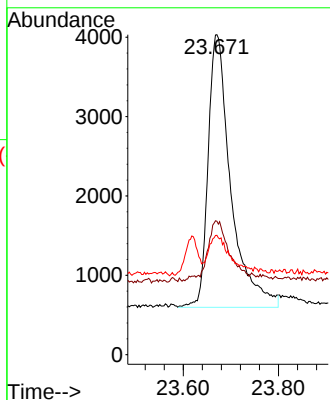


#26
Benzo(a)pyrene
Concen: 0.215 ng/ul
RT: 23.671 min Scan# 4930
Delta R.T. 0.003 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

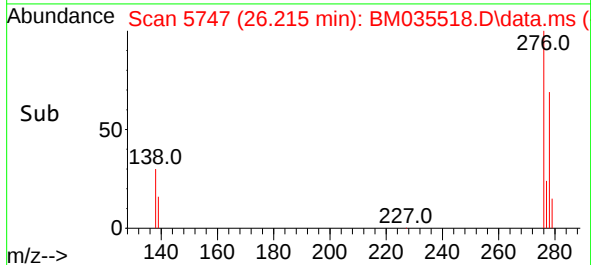
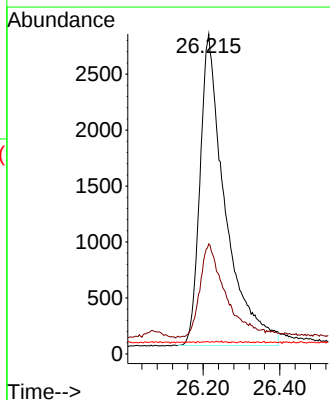
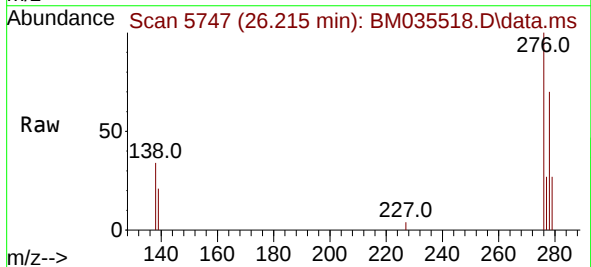


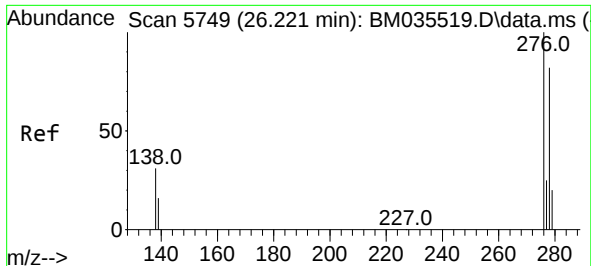
Tgt Ion:252 Resp: 11396
Ion Ratio Lower Upper
252 100
253 41.7 27.8 41.6#
125 37.3 23.3 34.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.242 ng/ul
RT: 26.215 min Scan# 5747
Delta R.T. 0.003 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

Tgt Ion:276 Resp: 12710
Ion Ratio Lower Upper
276 100
138 30.9 24.8 37.2
227 0.0 0.1 0.1#

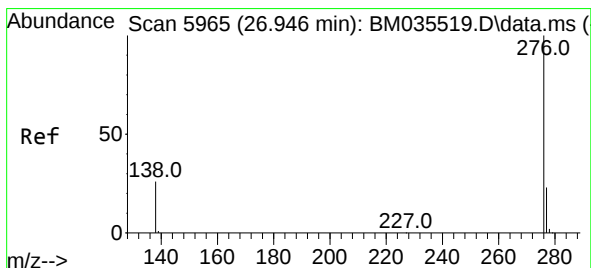
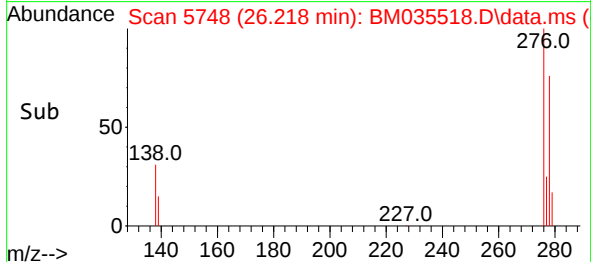
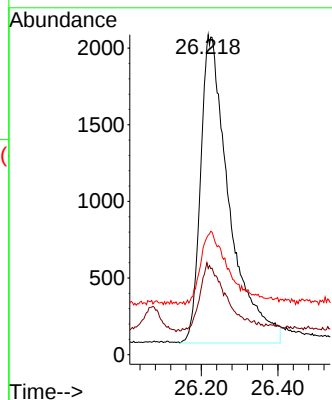
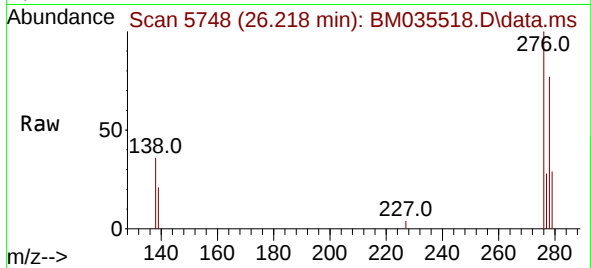




#28
Dibenzo(a,h)anthracene
Concen: 0.249 ng/ul
RT: 26.218 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

Tgt Ion:278 Resp: 10420
Ion Ratio Lower Upper
278 100
139 26.9 19.1 28.7
279 37.4 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.255 ng/ul
RT: 26.956 min Scan# 5968
Delta R.T. 0.010 min
Lab File: BM035518.D
Acq: 18 Jun 2022 12:47

Tgt Ion:276 Resp: 11533
Ion Ratio Lower Upper
276 100
138 31.3 23.1 34.7
277 28.1 20.3 30.5

