

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062522\
 Data File : BM035684.D
 Acq On : 25 Jun 2022 13:11
 Operator : CG/JU
 Sample : SST0.452
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4003

Quant Time: Jun 28 02:06:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 02:03:15 2022
 Response via : Initial Calibration

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

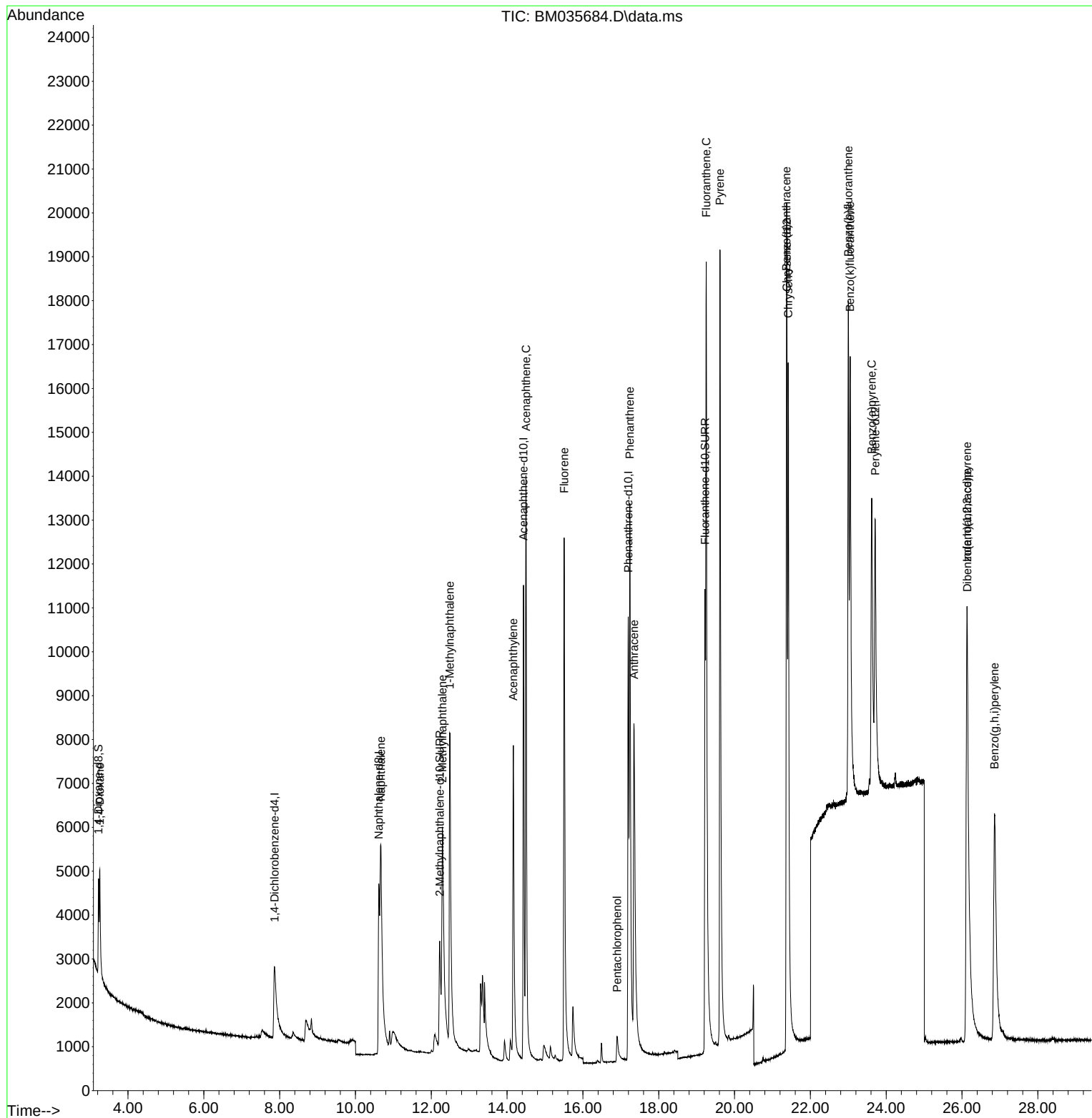
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2679	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	11987	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.432	164	7537	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	16202	0.400	ng/ul	0.00
17) Chrysene-d12	21.377	240	12790	0.400	ng/ul	0.00
23) Perylene-d12	23.710	264	11068	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1637	0.434	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	7173	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.219	212	16734	0.389	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.255	88	1555	0.414	ng/ul	100
5) Naphthalene	10.671	128	12567	0.310	ng/ul	100
7) 2-Methylnaphthalene	12.294	142	7713	0.333	ng/ul	100
8) 1-Methylnaphthalene	12.492	142	8344	0.392	ng/ul	100
10) Acenaphthylene	14.163	152	13345	0.314	ng/ul	100
11) Acenaphthene	14.496	153	10441	0.332	ng/ul	100
12) Fluorene	15.505	166	12075	0.340	ng/ul	100
14) Pentachlorophenol	16.900	266	852	0.274	ng/ul	99
15) Phenanthrene	17.237	178	19602	0.330	ng/ul	100
16) Anthracene	17.347	178	16190	0.311	ng/ul	100
19) Fluoranthene	19.252	202	22195	0.339	ng/ul	100
20) Pyrene	19.615	202	24816	0.362	ng/ul	100
21) Benzo(a)anthracene	21.368	228	14669	0.303	ng/ul	100
22) Chrysene	21.415	228	19593	0.341	ng/ul	100
24) Benzo(b)fluoranthene	23.002	252	16573	0.342	ng/ul	100
25) Benzo(k)fluoranthene	23.049	252	16552	0.329	ng/ul	100
26) Benzo(a)pyrene	23.616	252	16282	0.324	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.132	276	18271	0.316	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.142	278	14422	0.305	ng/ul	100
29) Benzo(g,h,i)perylene	26.856	276	16849	0.325	ng/ul	100

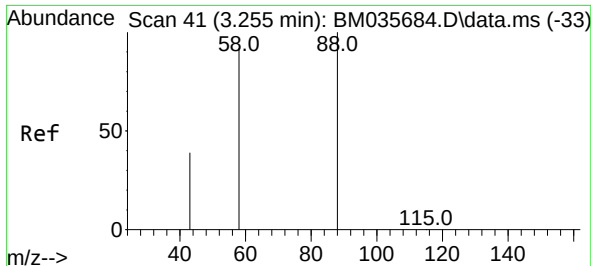
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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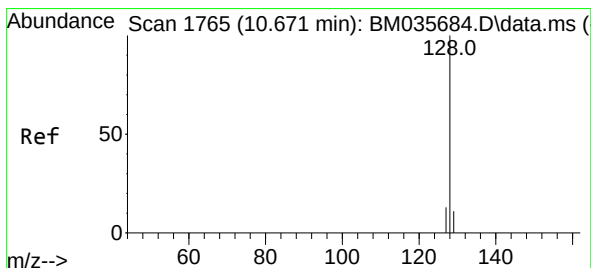
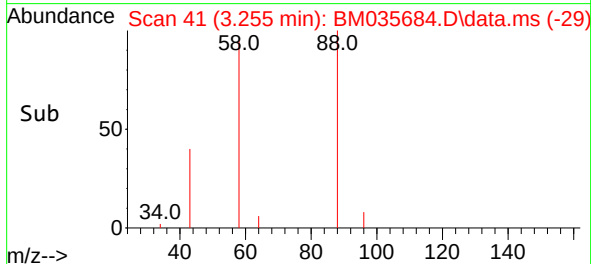
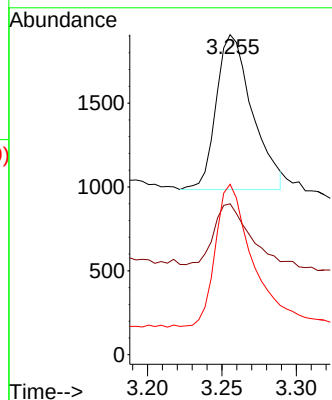
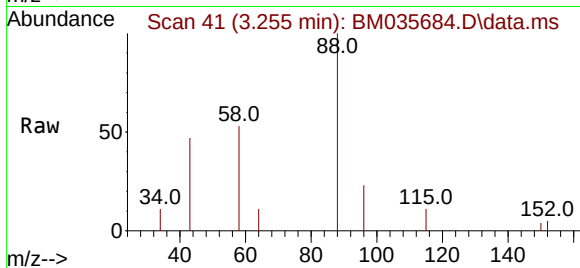




#2
1,4-Dioxane
Concen: 0.414 ng/ul
RT: 3.255 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

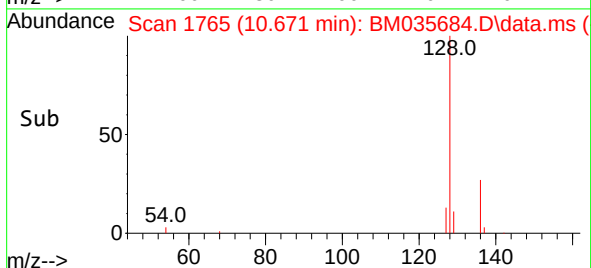
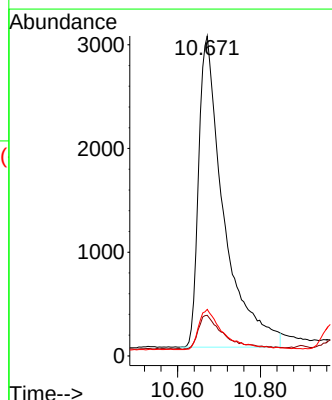
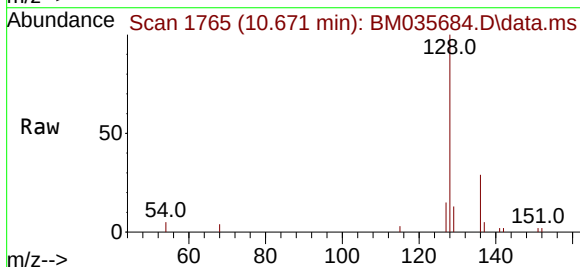
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

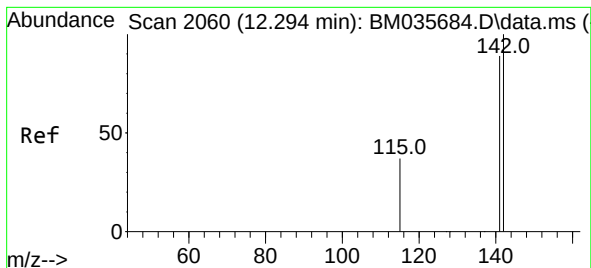
Tgt Ion: 88 Resp: 1555
Ion Ratio Lower Upper
88 100
43 47.2 37.8 56.6
58 53.2 42.6 63.8



#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.671 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

Tgt Ion: 128 Resp: 12567
Ion Ratio Lower Upper
128 100
129 12.7 10.2 15.2
127 14.6 11.7 17.5

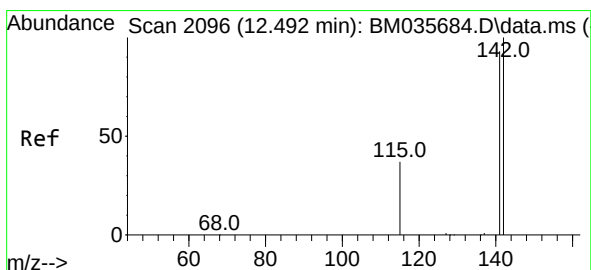
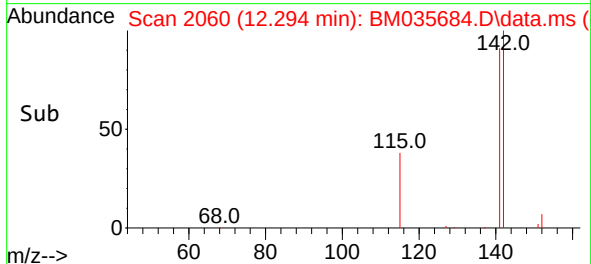
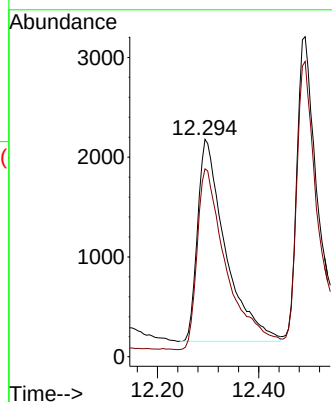
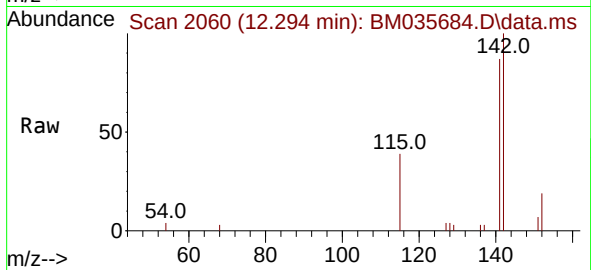




#7
2-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

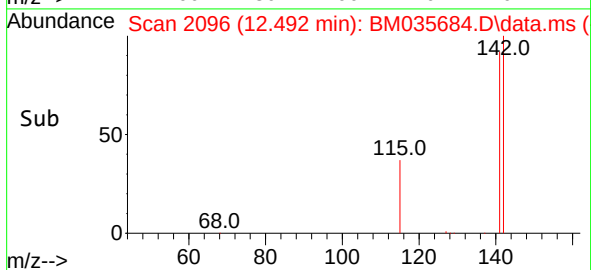
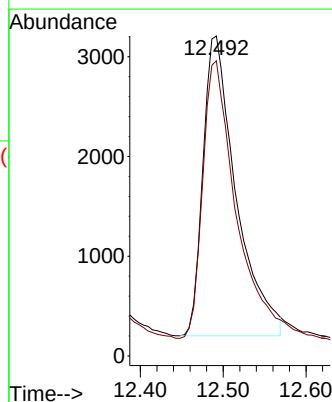
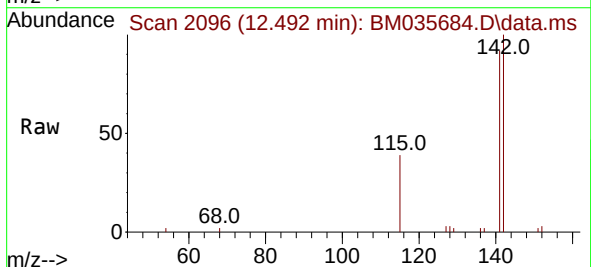
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

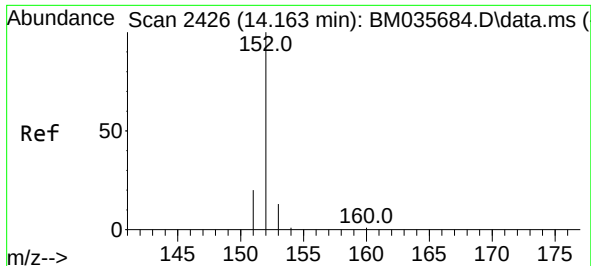
Tgt Ion:142 Resp: 7713
Ion Ratio Lower Upper
142 100
141 96.7 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.492 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

Tgt Ion:142 Resp: 8344
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

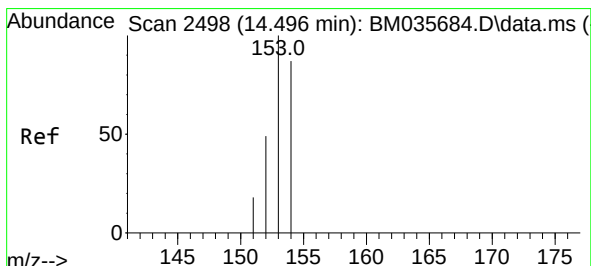
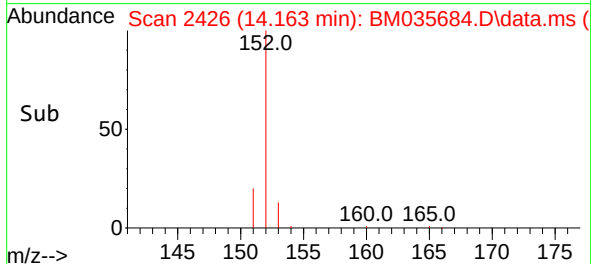
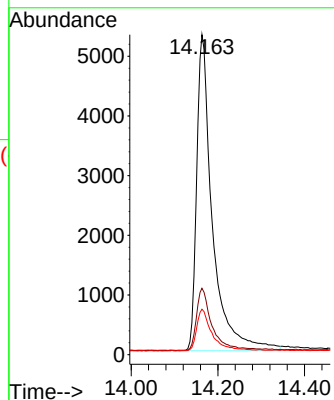
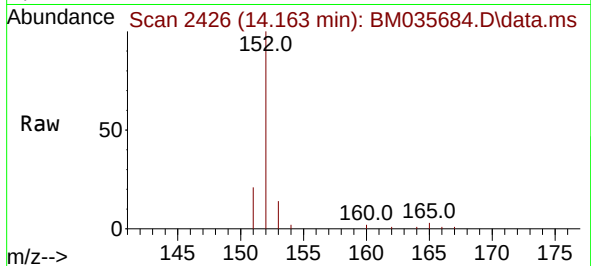




#10
Acenaphthylene
Concen: 0.314 ng/ul
RT: 14.163 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

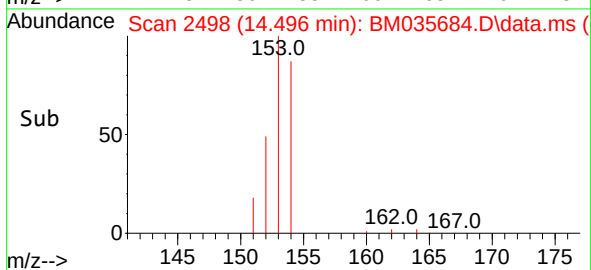
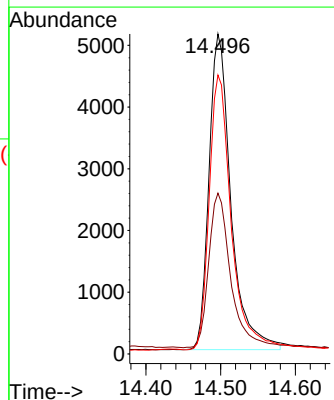
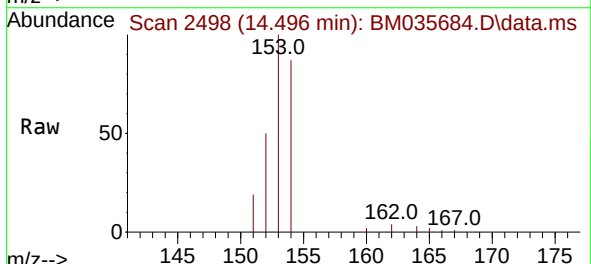
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ClientSampleId :
SSTD0.4003

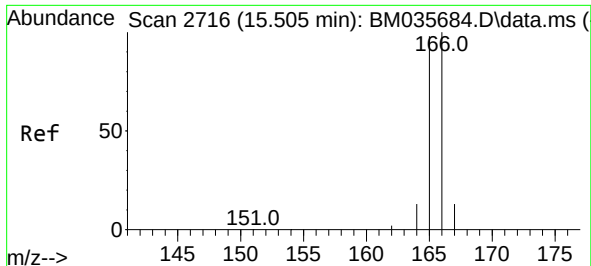
Tgt Ion:152 Resp: 13345
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.2 11.4 17.0



#11
Acenaphthene
Concen: 0.332 ng/ul
RT: 14.496 min Scan# 2498
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

Tgt Ion:153 Resp: 10441
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 87.1 69.7 104.5

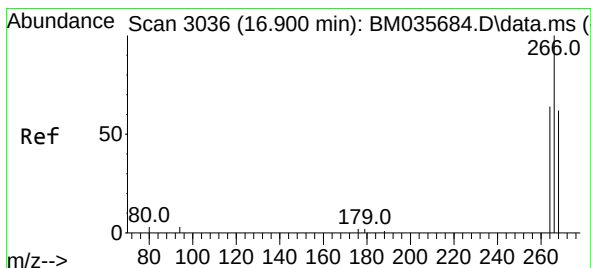
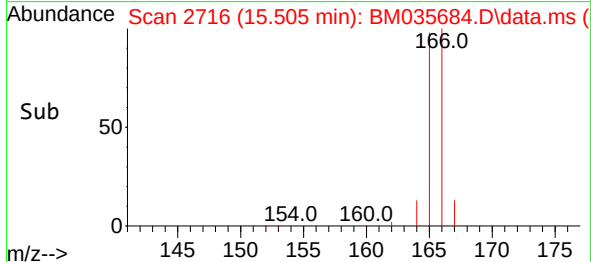
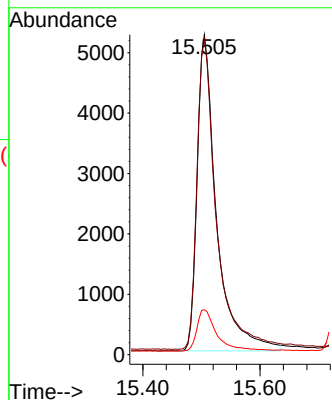
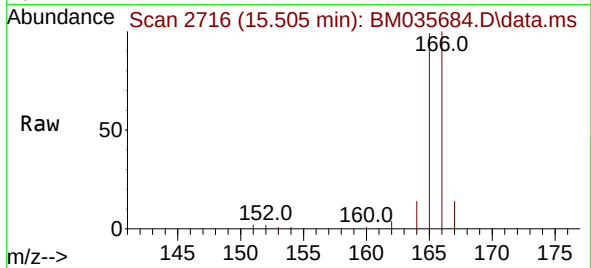




#12
Fluorene
Concen: 0.340 ng/ul
RT: 15.505 min Scan# 2716
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

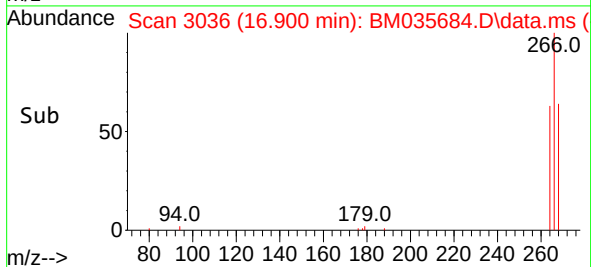
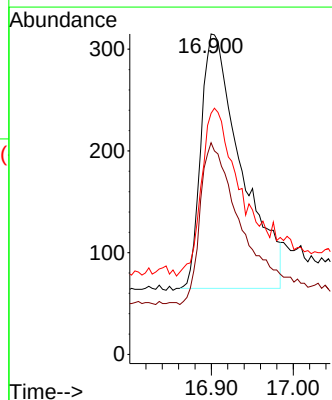
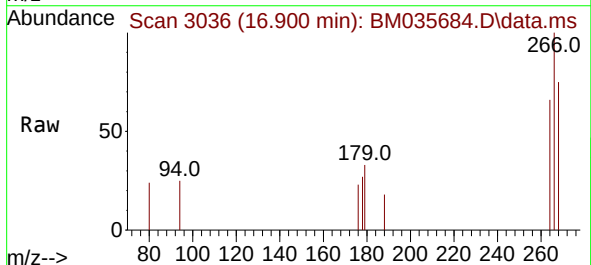
Instrument :
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ClientSampleId :
SSTD0.4003

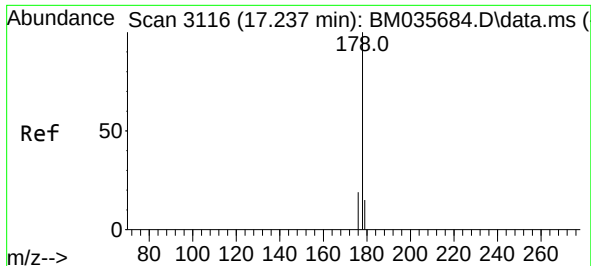
Tgt Ion:166 Resp: 12075
Ion Ratio Lower Upper
166 100
165 98.6 78.9 118.3
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.274 ng/ul
RT: 16.900 min Scan# 3036
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

Tgt Ion:266 Resp: 852
Ion Ratio Lower Upper
266 100
264 65.0 50.3 75.5
268 67.1 53.5 80.3

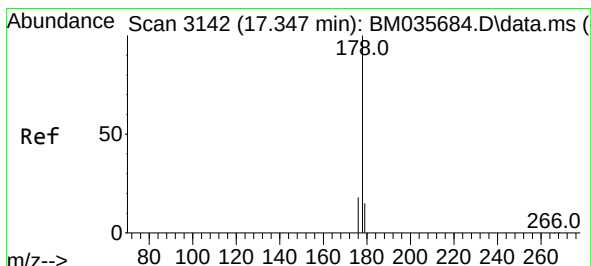
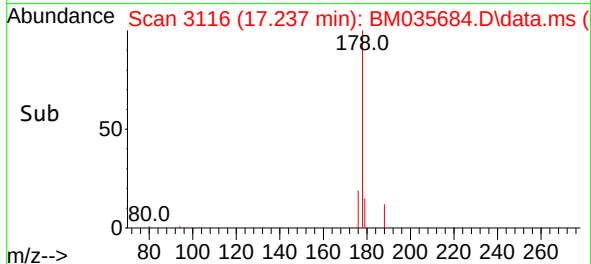
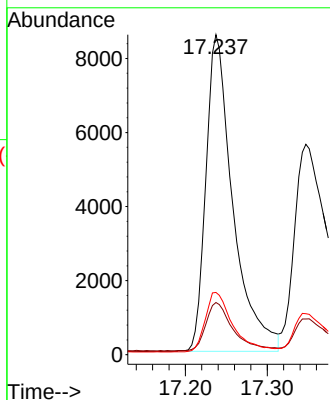
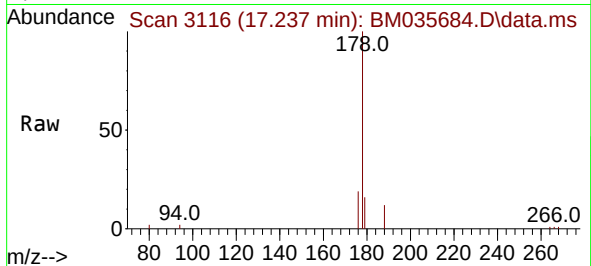




#15
Phenanthrene
Concen: 0.330 ng/ul
RT: 17.237 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

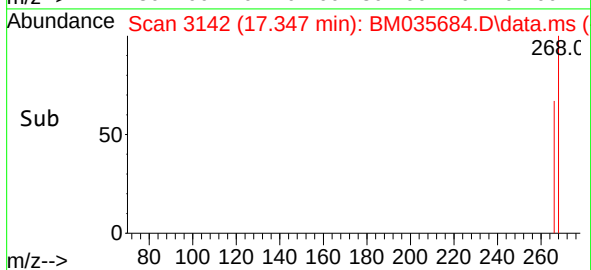
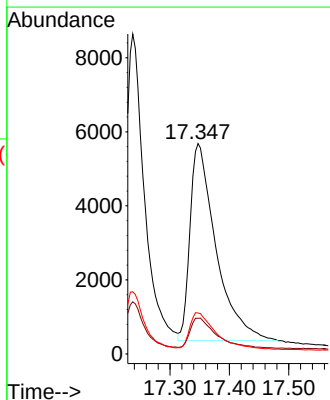
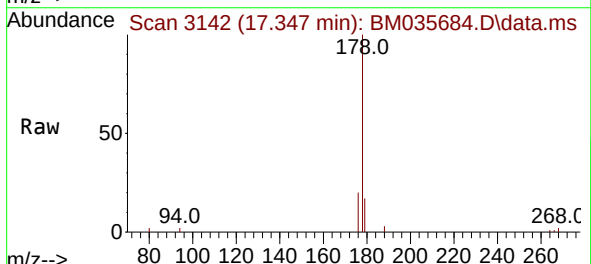
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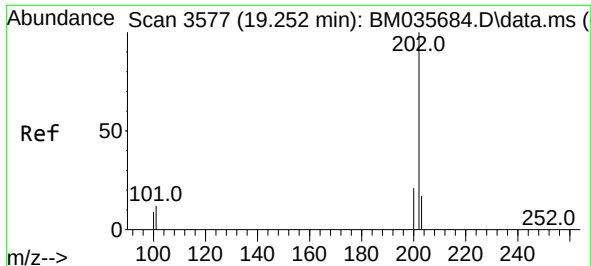
Tgt Ion:178 Resp: 19602
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.311 ng/ul
RT: 17.347 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

Tgt Ion:178 Resp: 16190
Ion Ratio Lower Upper
178 100
179 17.0 13.6 20.4
176 19.5 15.6 23.4

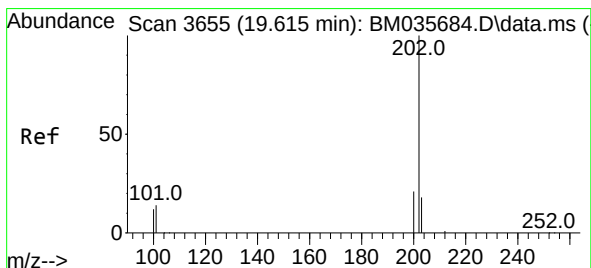
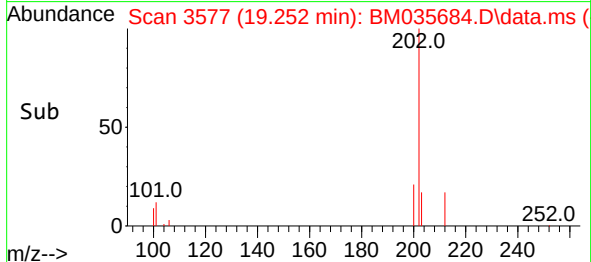
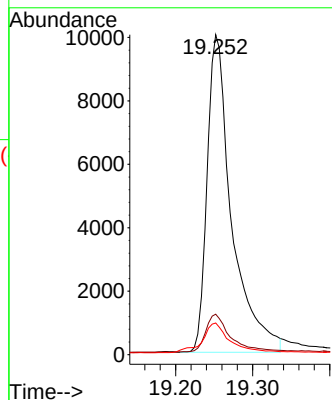
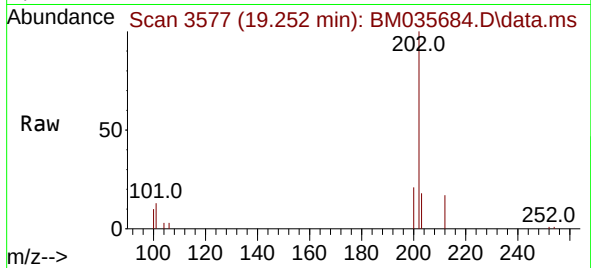




#19
Fluoranthene
Concen: 0.339 ng/ul
RT: 19.252 min Scan# 3577
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

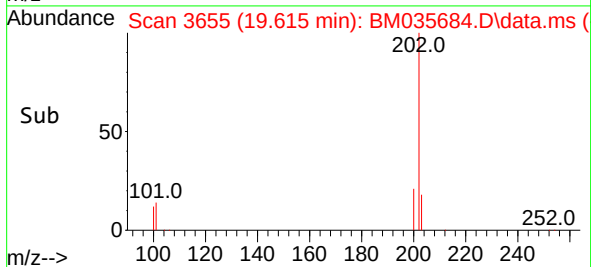
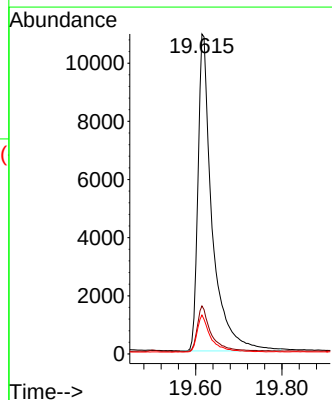
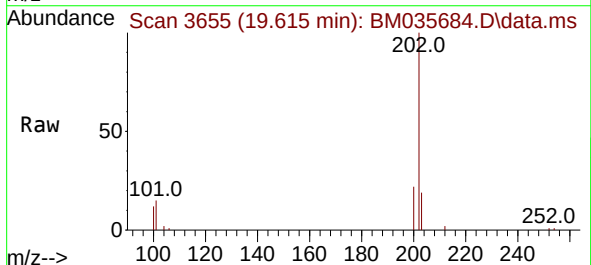
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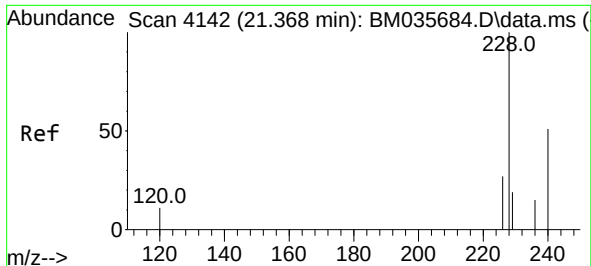
Tgt Ion:202 Resp: 22195
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.9 7.9 11.9



#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.615 min Scan# 3655
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

Tgt Ion:202 Resp: 24816
Ion Ratio Lower Upper
202 100
101 15.0 12.0 18.0
100 12.2 9.8 14.6

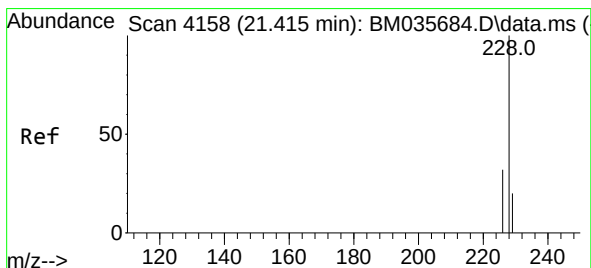
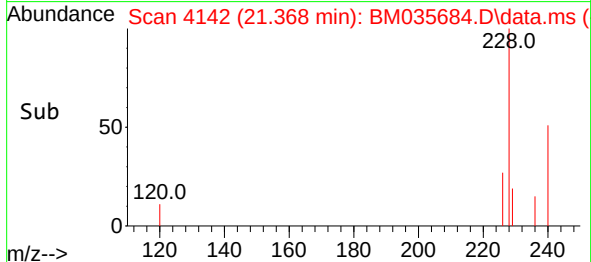
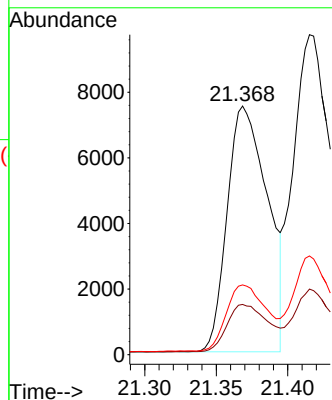
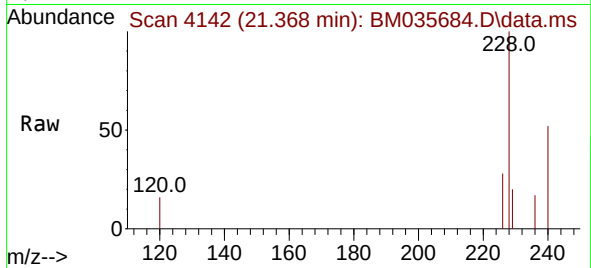




#21
Benzo(a)anthracene
Concen: 0.303 ng/ul
RT: 21.368 min Scan# 4142
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

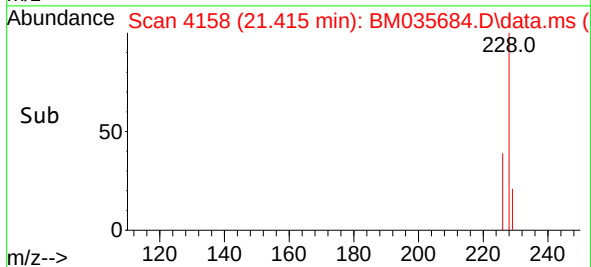
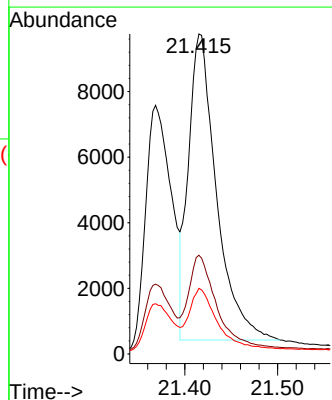
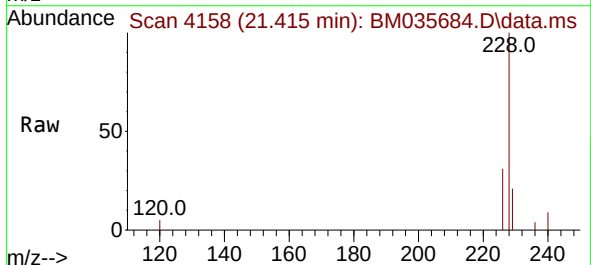
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

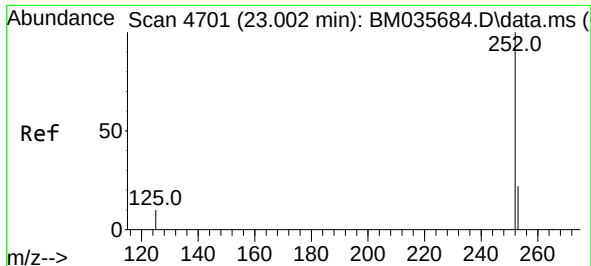
Tgt Ion:228 Resp: 14669
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 28.1 22.5 33.7



#22
Chrysene
Concen: 0.341 ng/ul
RT: 21.415 min Scan# 4158
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

Tgt Ion:228 Resp: 19593
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 20.5 16.4 24.6

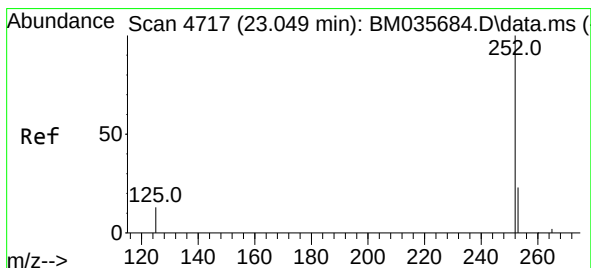
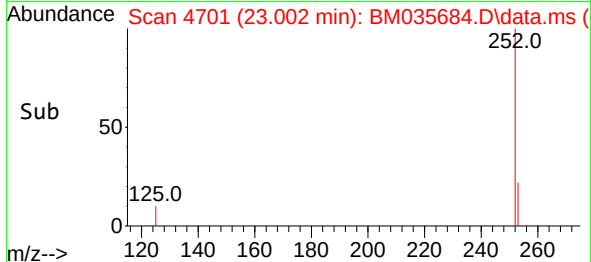
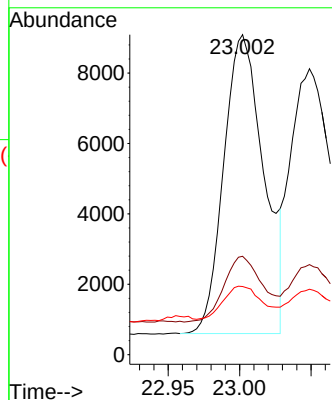
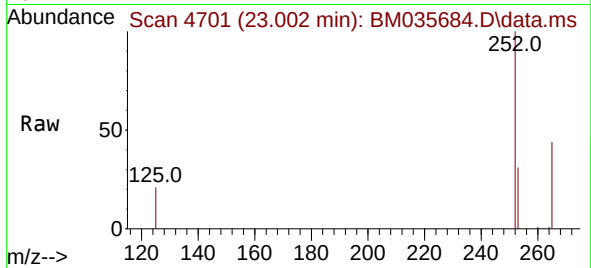




#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 23.002 min Scan# 4701
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

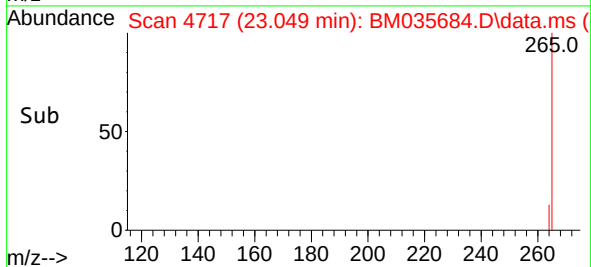
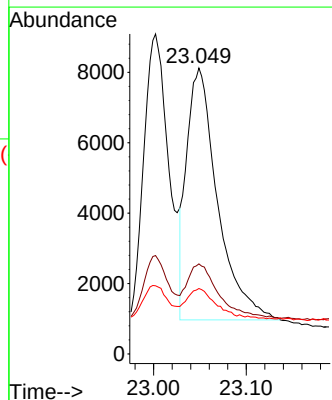
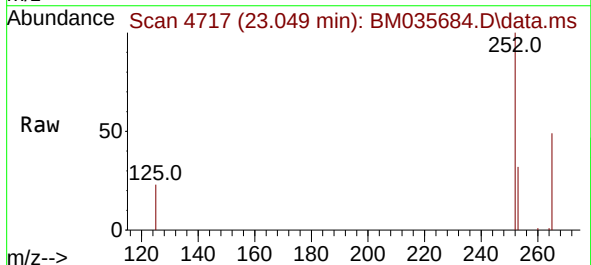
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

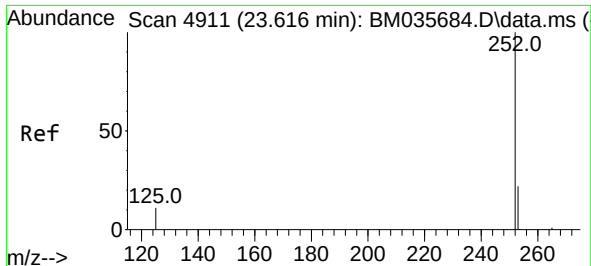
Tgt Ion:252 Resp: 16573
Ion Ratio Lower Upper
252 100
253 30.7 0.0 61.4
125 21.3 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul
RT: 23.049 min Scan# 4717
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

Tgt Ion:252 Resp: 16552
Ion Ratio Lower Upper
252 100
253 31.5 25.2 37.8
125 22.9 18.3 27.5

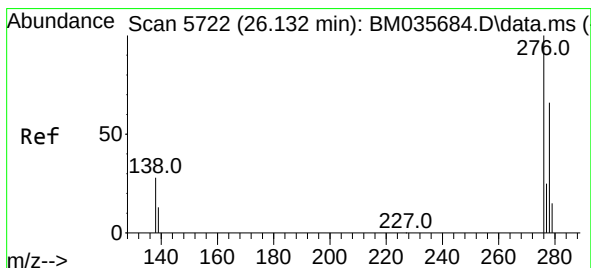
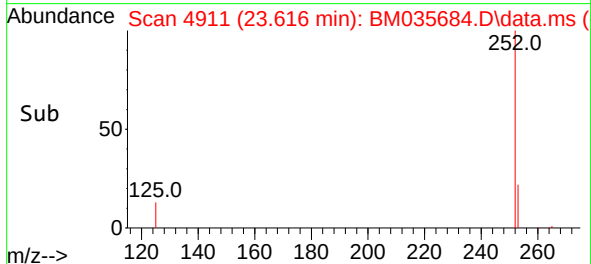
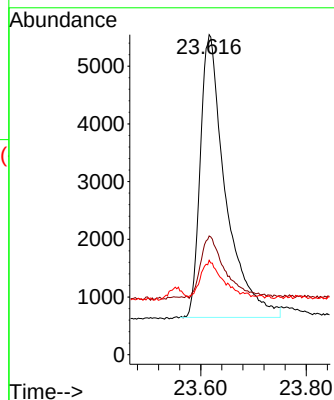
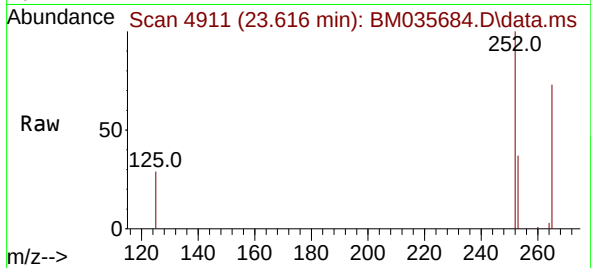




#26
Benzo(a)pyrene
Concen: 0.324 ng/ul
RT: 23.616 min Scan# 4911
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

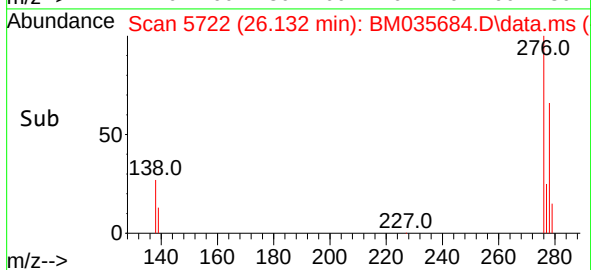
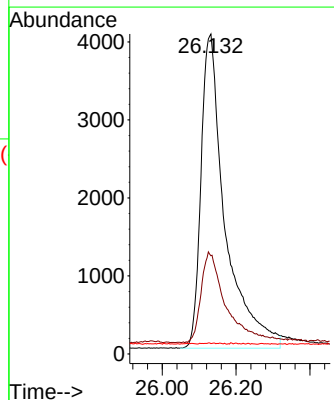
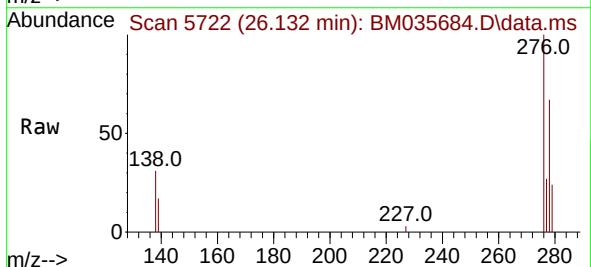
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

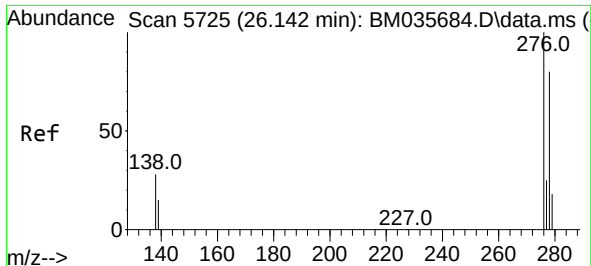
Tgt Ion:252 Resp: 16282
Ion Ratio Lower Upper
252 100
253 37.1 29.7 44.5
125 29.5 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.316 ng/ul
RT: 26.132 min Scan# 5722
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

Tgt Ion:276 Resp: 18271
Ion Ratio Lower Upper
276 100
138 29.9 23.9 35.9
227 0.1 0.1 0.1#

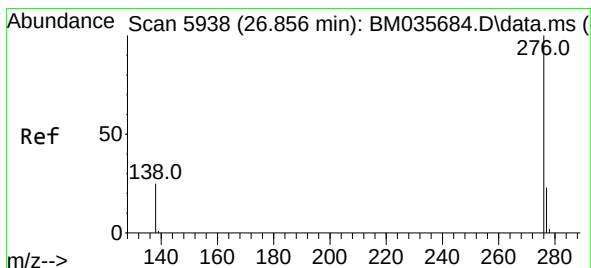
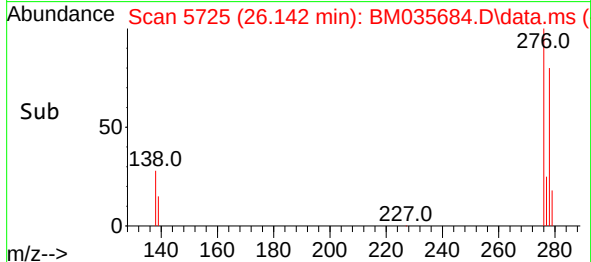
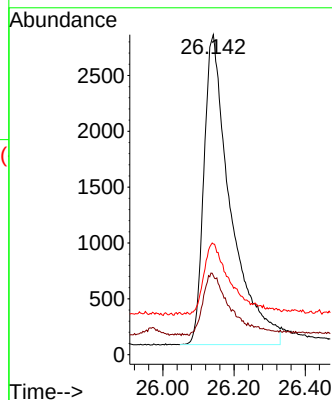
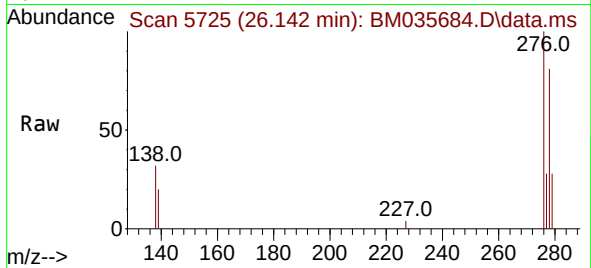




#28
Dibenzo(a,h)anthracene
Concen: 0.305 ng/ul
RT: 26.142 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:278 Resp: 14422
Ion Ratio Lower Upper
278 100
139 24.7 19.8 29.6
279 34.6 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 26.856 min Scan# 5938
Delta R.T. 0.000 min
Lab File: BM035684.D
Acq: 25 Jun 2022 13:11

Tgt Ion:276 Resp: 16849
Ion Ratio Lower Upper
276 100
138 29.2 23.4 35.0
277 26.2 21.0 31.4

