

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062522\
 Data File : BM035686.D
 Acq On : 25 Jun 2022 14:25
 Operator : CG/JU
 Sample : SSTD1.654
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6005

Quant Time: Jun 28 02:06:24 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)

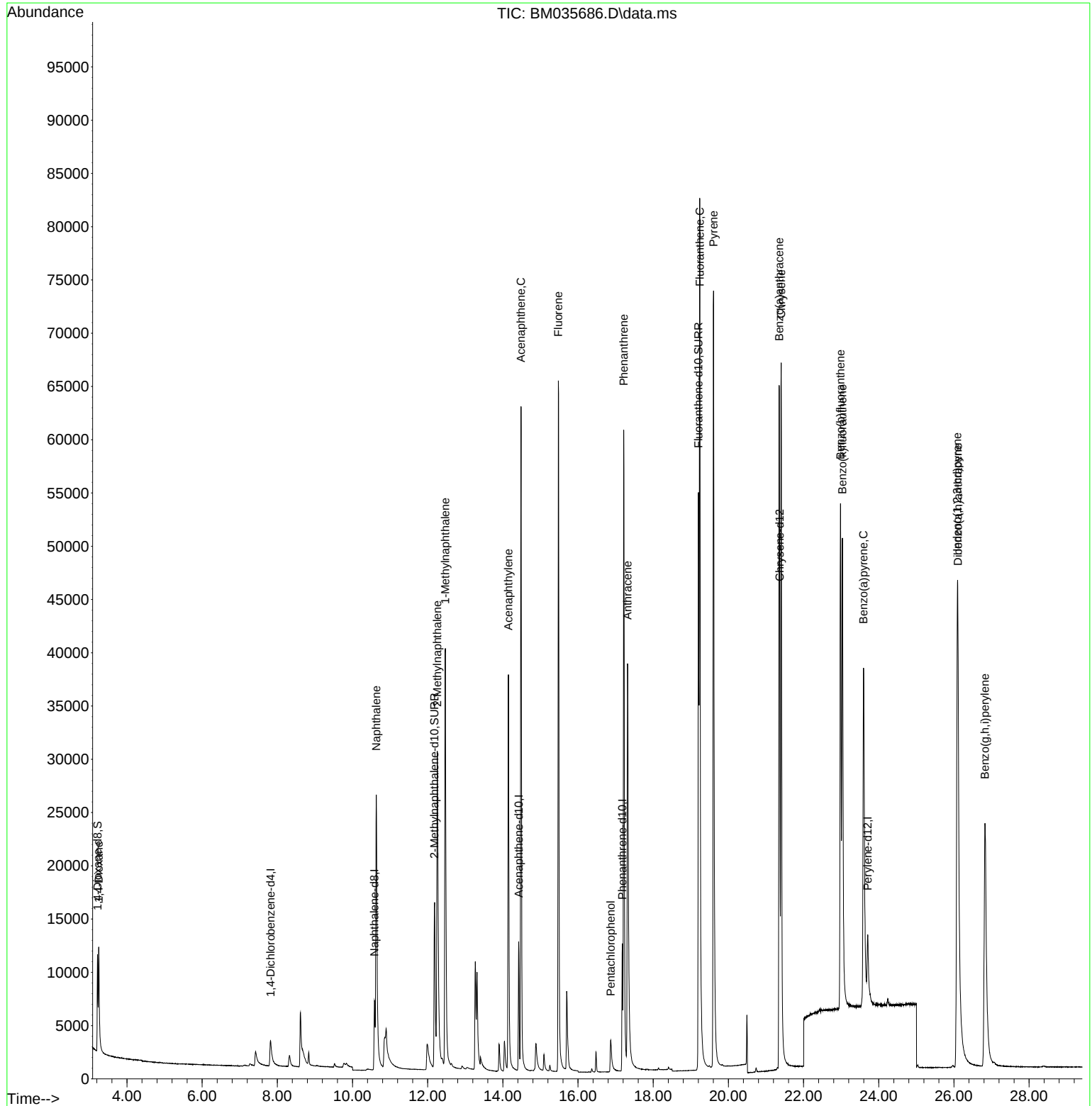
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	3053	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.583	136	11866	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.422	164	6940	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.178	188	15173	0.400	ng/ul	-0.02
17) Chrysene-d12	21.365	240	12603	0.400	ng/ul	-0.01
23) Perylene-d12	23.707	264	10481	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	6082	1.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	30011	1.702	ng/ul	-0.04
18) Fluoranthene-d10	19.205	212	67754	1.600	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.251	88	5653	1.322	ng/ul#	81
5) Naphthalene	10.633	128	51147	1.273	ng/ul	96
7) 2-Methylnaphthalene	12.255	142	33492	1.459	ng/ul	95
8) 1-Methylnaphthalene	12.470	142	35488	1.683	ng/ul	100
10) Acenaphthylene	14.149	152	53727	1.375	ng/ul	98
11) Acenaphthene	14.482	153	40053	1.384	ng/ul	99
12) Fluorene	15.477	166	47440	1.449	ng/ul	99
14) Pentachlorophenol	16.870	266	3596	1.236	ng/ul	97
15) Phenanthrene	17.216	178	75717	1.361	ng/ul	99
16) Anthracene	17.317	178	67187	1.380	ng/ul	98
19) Fluoranthene	19.238	202	87664	1.361	ng/ul	98
20) Pyrene	19.605	202	89991	1.332	ng/ul	97
21) Benzo(a)anthracene	21.351	228	65732	1.379	ng/ul	98
22) Chrysene	21.403	228	76311	1.346	ng/ul	98
24) Benzo(b)fluoranthene	22.982	252	64427	1.404	ng/ul	86
25) Benzo(k)fluoranthene	23.034	252	69337	1.456	ng/ul#	85
26) Benzo(a)pyrene	23.595	252	66947	1.407	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.091	276	74237	1.354	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.105	278	59802	1.336	ng/ul#	88
29) Benzo(g,h,i)perylene	26.826	276	66327	1.352	ng/ul	95

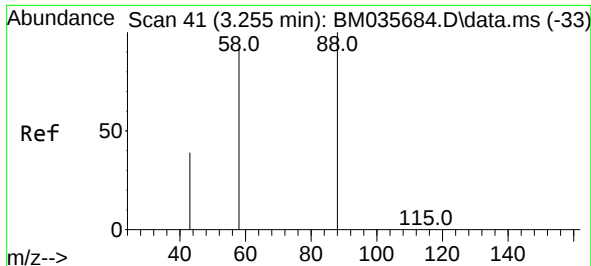
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 28 02:03:15 2022
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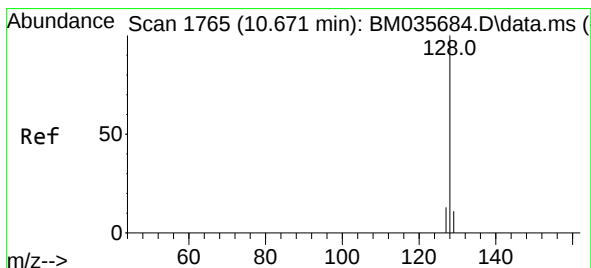
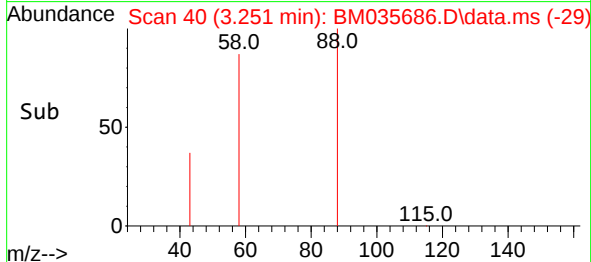
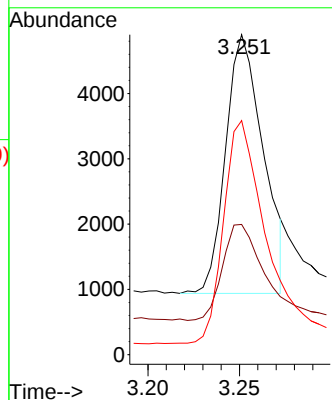
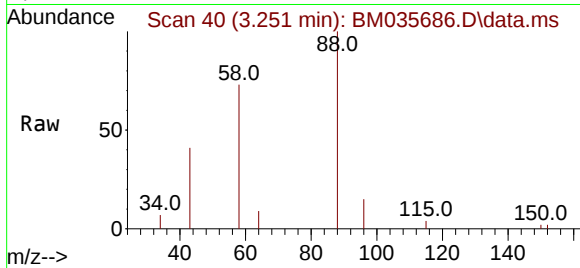




#2
1,4-Dioxane
Concen: 1.322 ng/ul
RT: 3.251 min Scan# 40
Delta R.T. -0.004 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

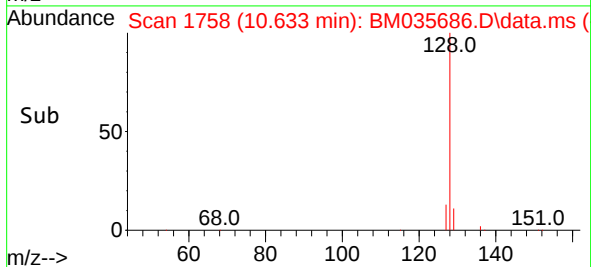
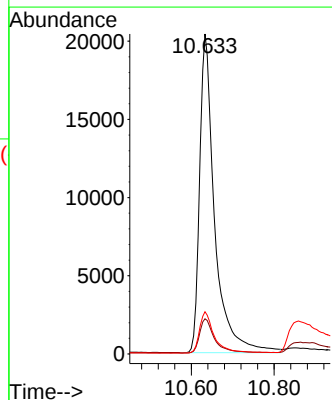
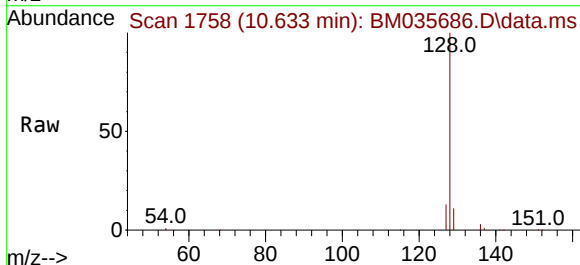
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

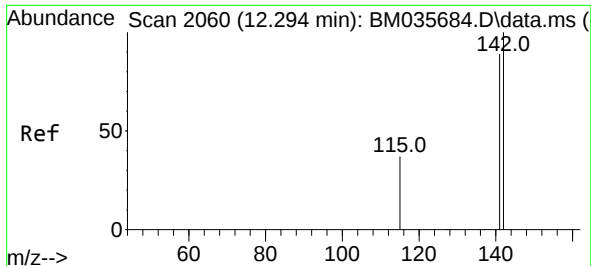
Tgt Ion: 88 Resp: 5653
Ion Ratio Lower Upper
88 100
43 40.7 37.8 56.6
58 73.2 42.6 63.8#



#5
Naphthalene
Concen: 1.273 ng/ul
RT: 10.633 min Scan# 1758
Delta R.T. -0.039 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

Tgt Ion: 128 Resp: 51147
Ion Ratio Lower Upper
128 100
129 11.0 10.2 15.2
127 13.2 11.7 17.5

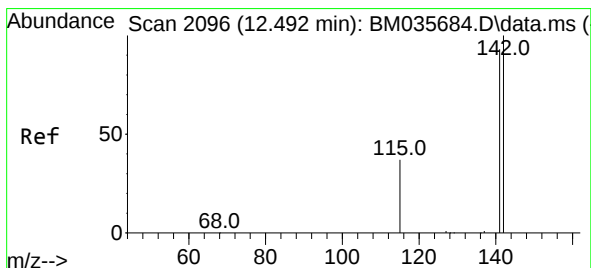
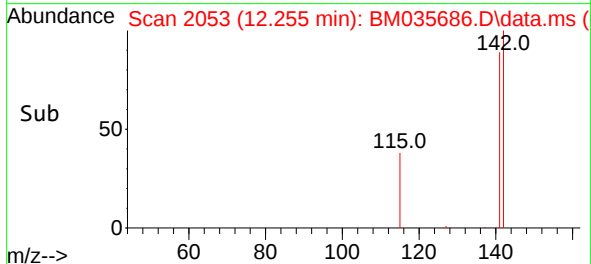
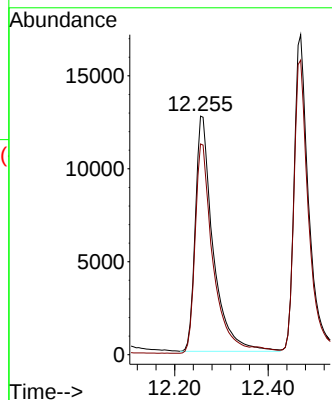
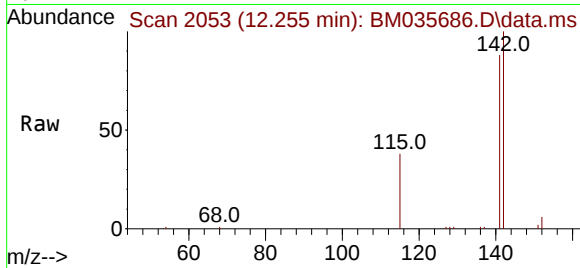




#7
2-Methylnaphthalene
Concen: 1.459 ng/ul
RT: 12.255 min Scan# 2053
Delta R.T. -0.039 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

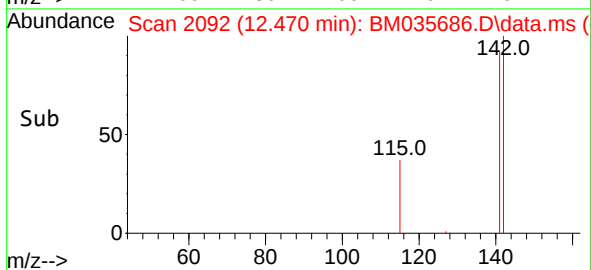
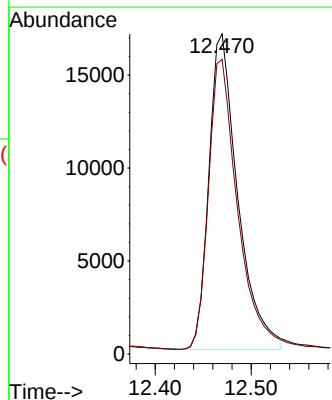
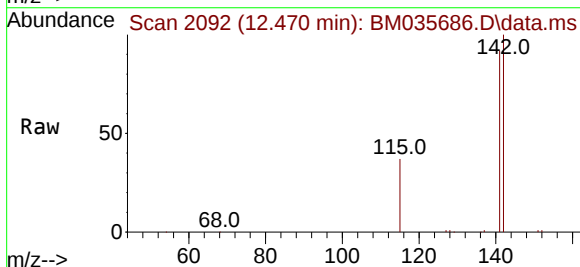
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

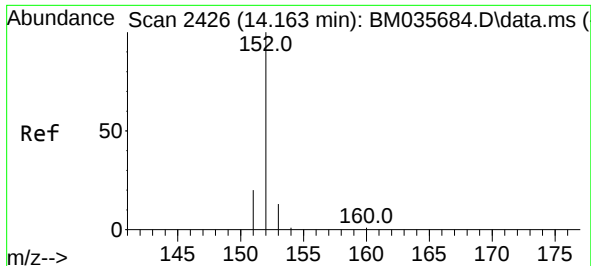
Tgt Ion:142 Resp: 33492
Ion Ratio Lower Upper
142 100
141 91.4 77.4 116.0



#8
1-Methylnaphthalene
Concen: 1.683 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.022 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

Tgt Ion:142 Resp: 35488
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1

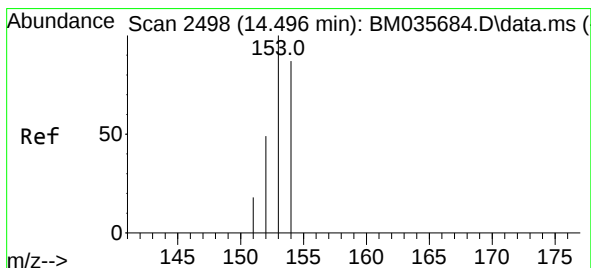
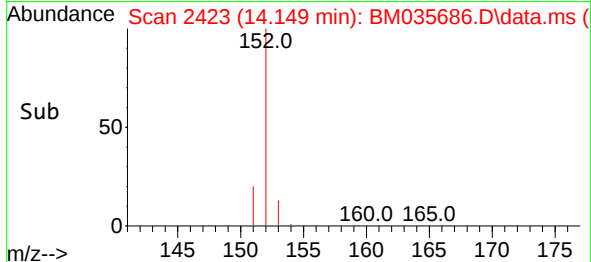
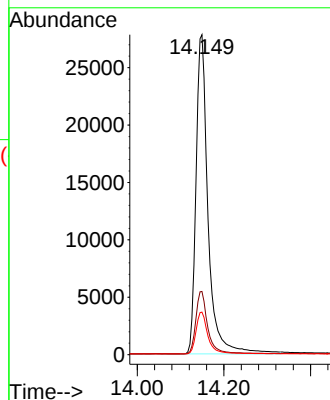
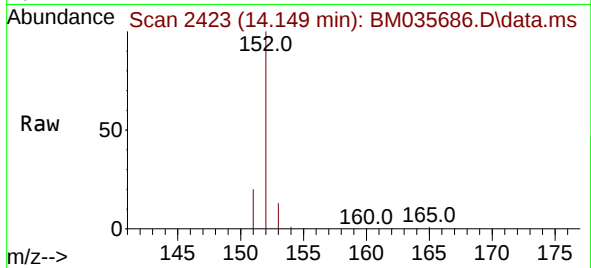




#10
Acenaphthylene
Concen: 1.375 ng/ul
RT: 14.149 min Scan# 2423
Delta R.T. -0.014 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

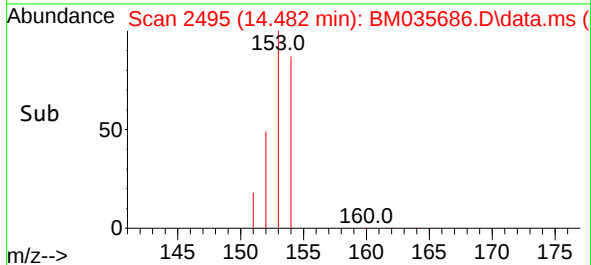
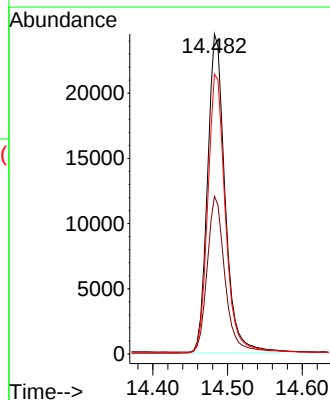
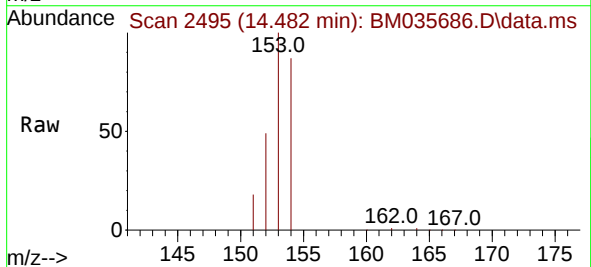
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

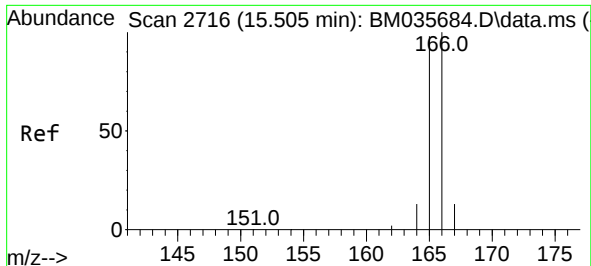
Tgt Ion:152 Resp: 53727
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8
153 13.3 11.4 17.0



#11
Acenaphthene
Concen: 1.384 ng/ul
RT: 14.482 min Scan# 2495
Delta R.T. -0.014 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

Tgt Ion:153 Resp: 40053
Ion Ratio Lower Upper
153 100
152 49.3 40.2 60.4
154 87.4 69.7 104.5

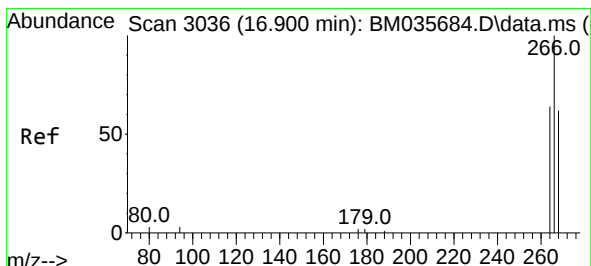
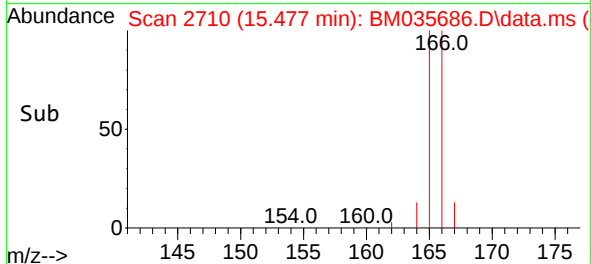
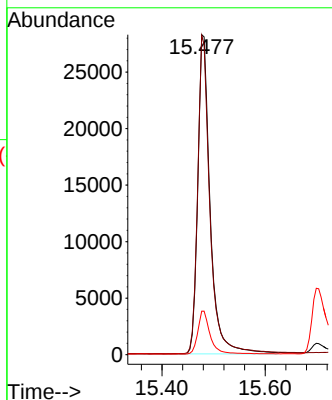
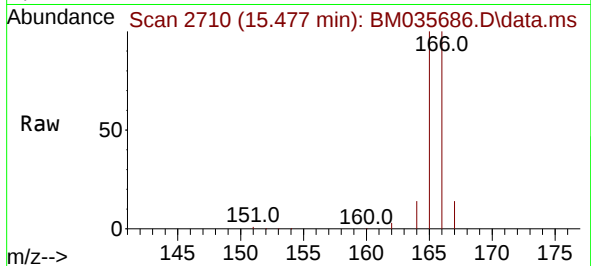




#12
Fluorene
Concen: 1.449 ng/ul
RT: 15.477 min Scan# 21
Delta R.T. -0.028 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

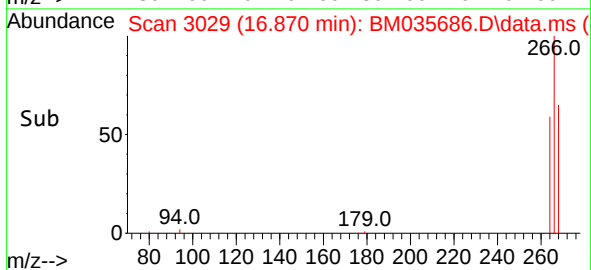
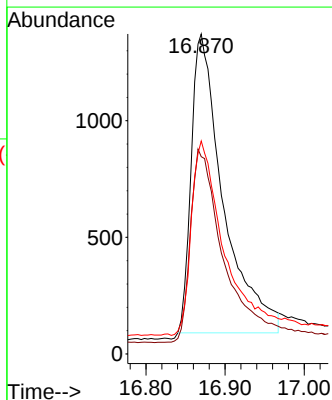
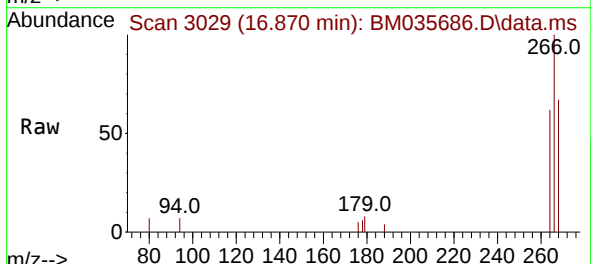
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

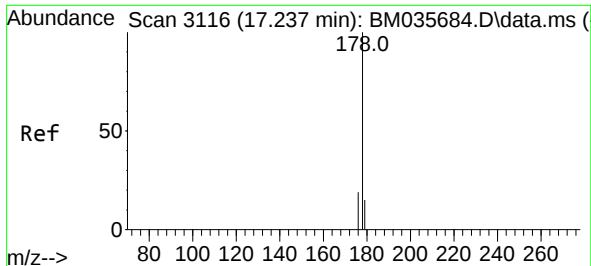
Tgt Ion:166 Resp: 47440
Ion Ratio Lower Upper
166 100
165 99.7 78.9 118.3
167 13.6 11.3 16.9



#14
Pentachlorophenol
Concen: 1.236 ng/ul
RT: 16.870 min Scan# 3029
Delta R.T. -0.030 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

Tgt Ion:266 Resp: 3596
Ion Ratio Lower Upper
266 100
264 63.8 50.3 75.5
268 63.8 53.5 80.3

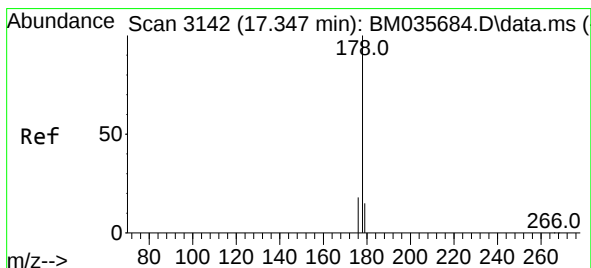
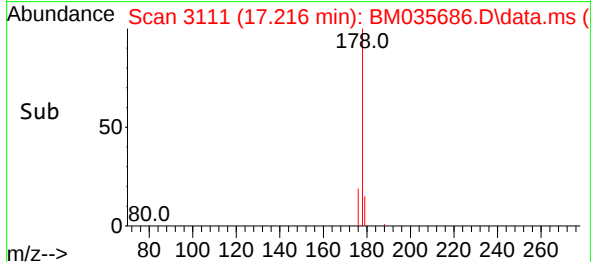
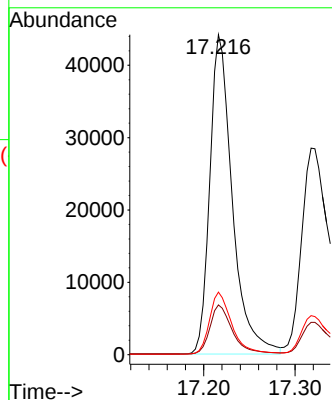
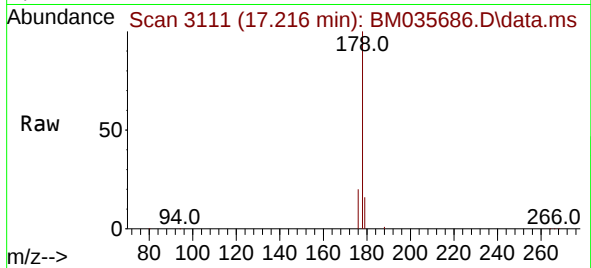




#15
Phenanthrene
Concen: 1.361 ng/ul
RT: 17.216 min Scan# 3111
Delta R.T. -0.021 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

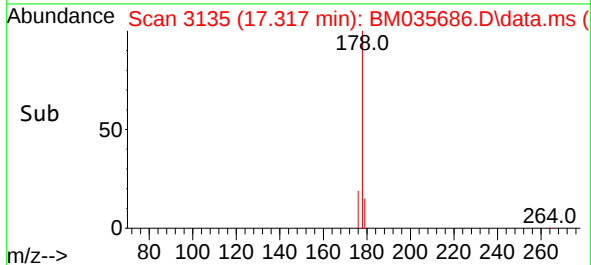
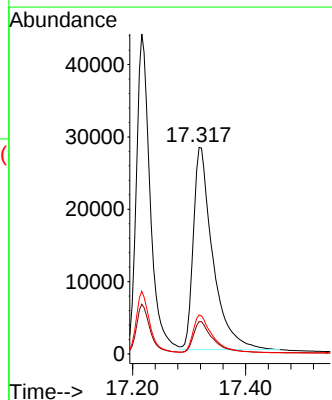
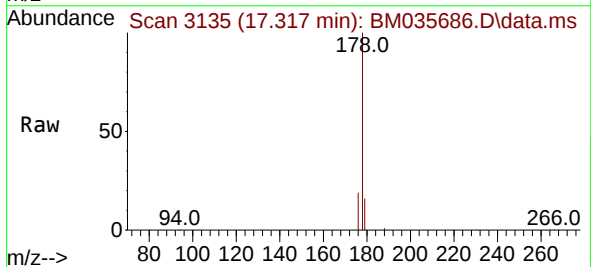
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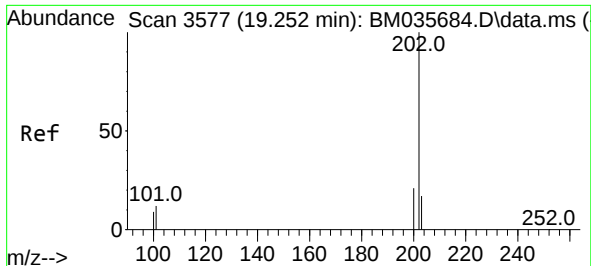
Tgt Ion:178 Resp: 75717
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.6 15.6 23.4



#16
Anthracene
Concen: 1.380 ng/ul
RT: 17.317 min Scan# 3135
Delta R.T. -0.030 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

Tgt Ion:178 Resp: 67187
Ion Ratio Lower Upper
178 100
179 15.6 13.6 20.4
176 18.9 15.6 23.4

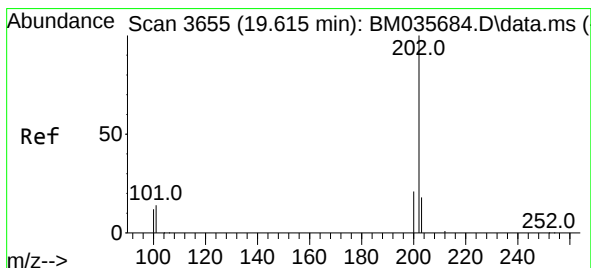
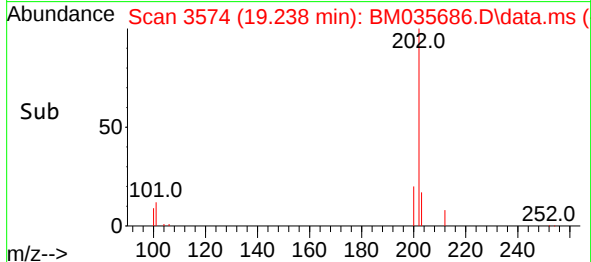
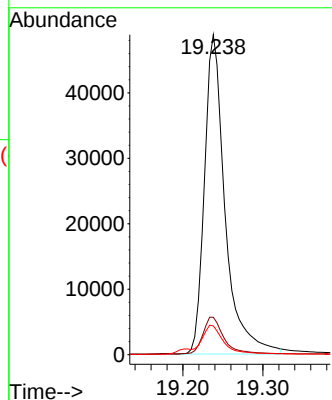
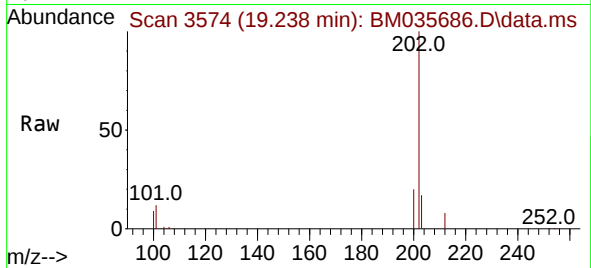




#19
Fluoranthene
Concen: 1.361 ng/ul
RT: 19.238 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

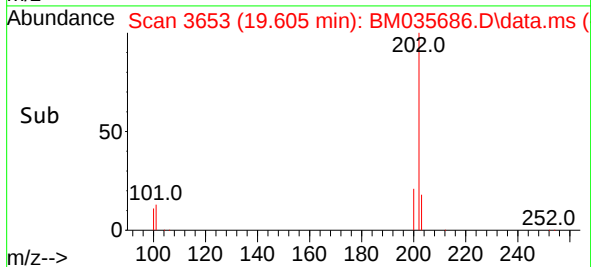
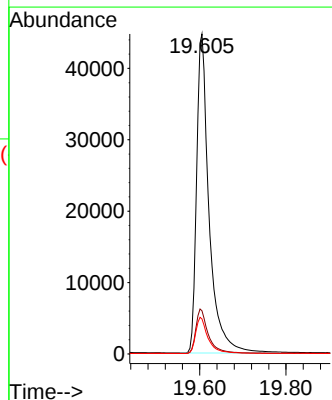
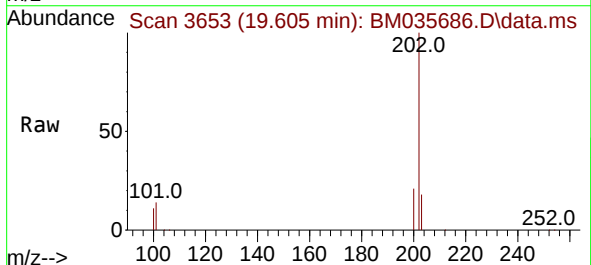
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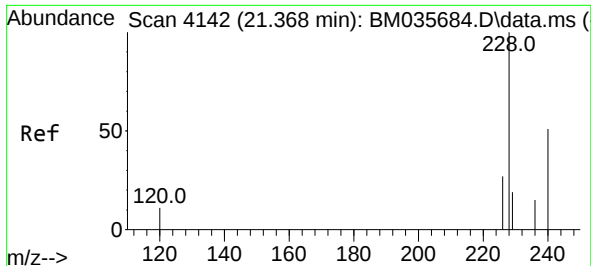
Tgt Ion:202 Resp: 87664
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
100 9.0 7.9 11.9



#20
Pyrene
Concen: 1.332 ng/ul
RT: 19.605 min Scan# 3653
Delta R.T. -0.009 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

Tgt Ion:202 Resp: 89991
Ion Ratio Lower Upper
202 100
101 13.5 12.0 18.0
100 10.9 9.8 14.6

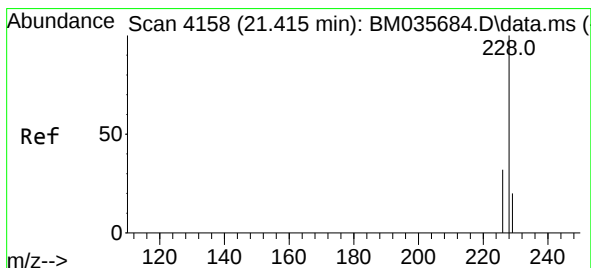
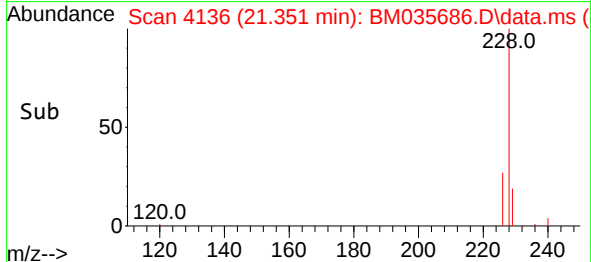
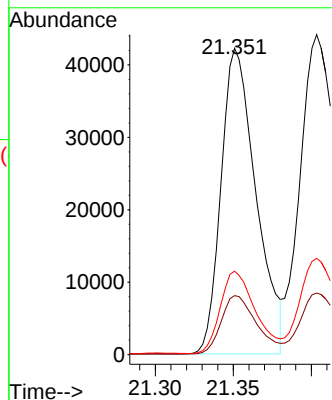
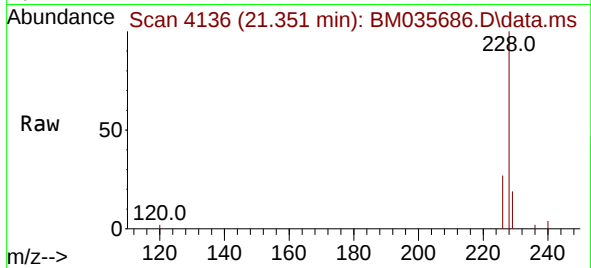




#21
Benzo(a)anthracene
Concen: 1.379 ng/ul
RT: 21.351 min Scan# 4136
Delta R.T. -0.018 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

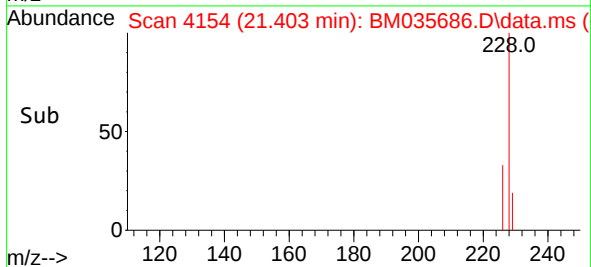
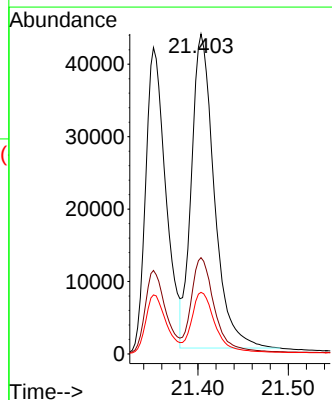
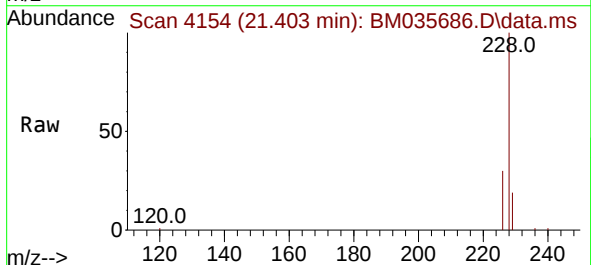
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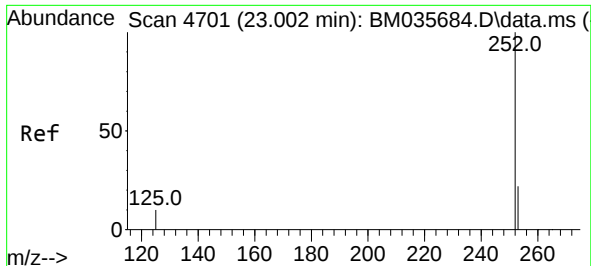
Tgt Ion:228 Resp: 65732
Ion Ratio Lower Upper
228 100
229 19.3 16.2 24.2
226 27.3 22.5 33.7



#22
Chrysene
Concen: 1.346 ng/ul
RT: 21.403 min Scan# 4154
Delta R.T. -0.012 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

Tgt Ion:228 Resp: 76311
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.2 16.4 24.6

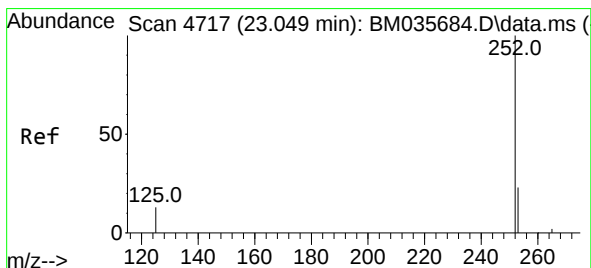
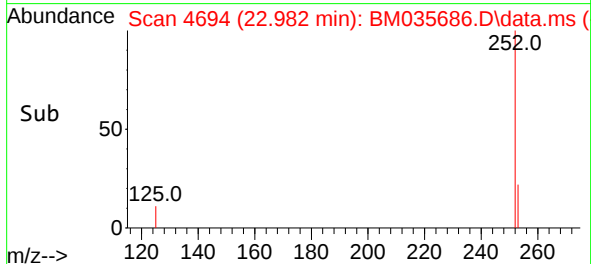
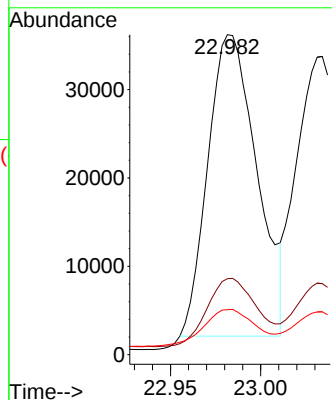
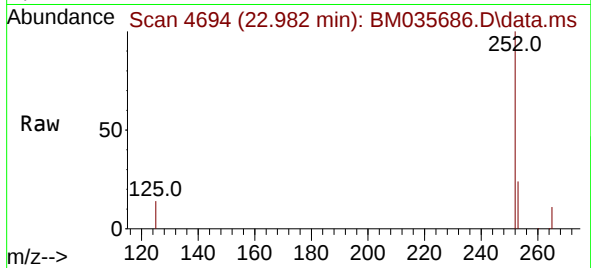




#24
Benzo(b)fluoranthene
Concen: 1.404 ng/ul
RT: 22.982 min Scan# 4694
Delta R.T. -0.021 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

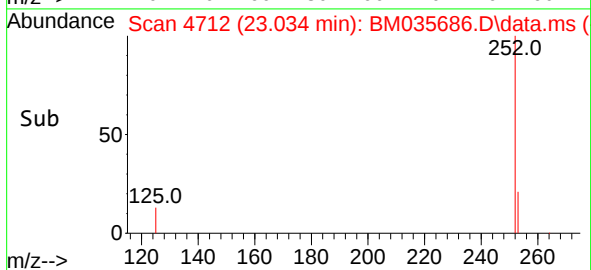
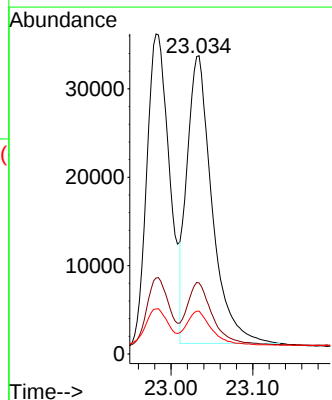
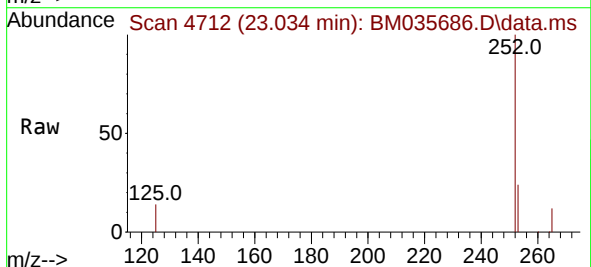
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

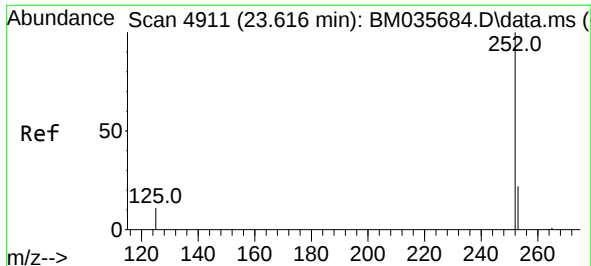
Tgt Ion:252 Resp: 64427
Ion Ratio Lower Upper
252 100
253 23.7 0.0 61.4
125 14.1 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 1.456 ng/ul
RT: 23.034 min Scan# 4712
Delta R.T. -0.015 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

Tgt Ion:252 Resp: 69337
Ion Ratio Lower Upper
252 100
253 23.8 25.2 37.8#
125 14.4 18.3 27.5#

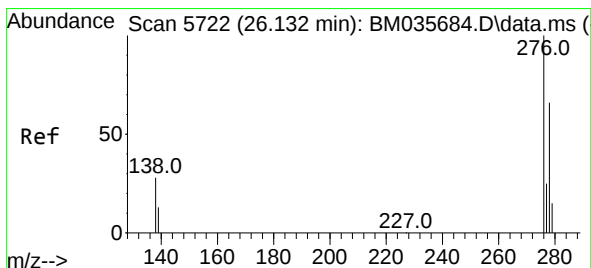
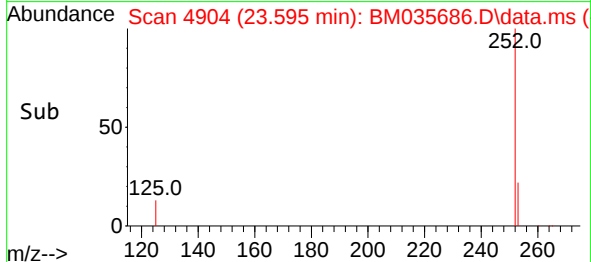
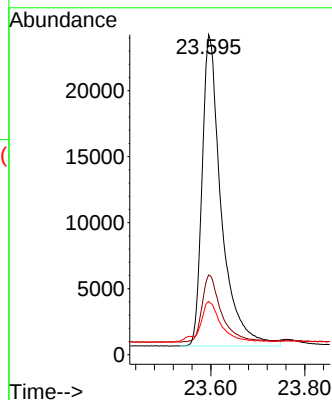
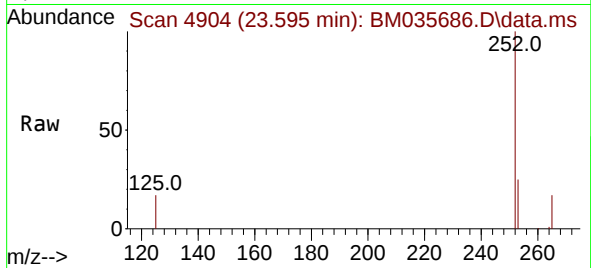




#26
Benzo(a)pyrene
Concen: 1.407 ng/ul
RT: 23.595 min Scan# 4911
Delta R.T. -0.021 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

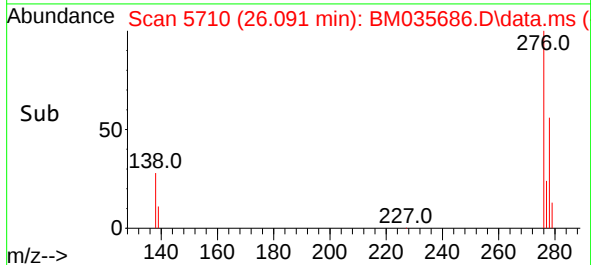
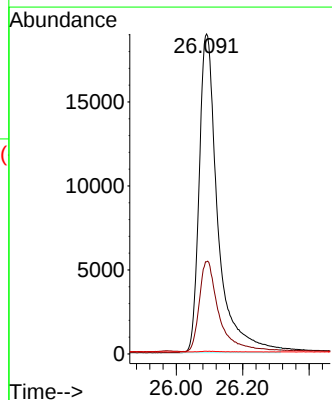
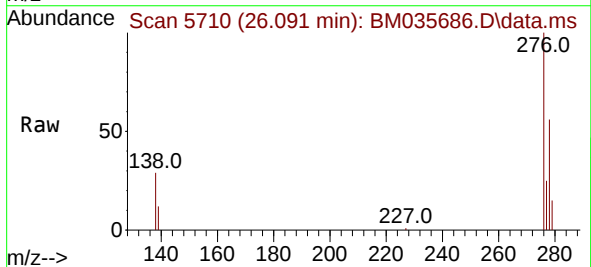
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

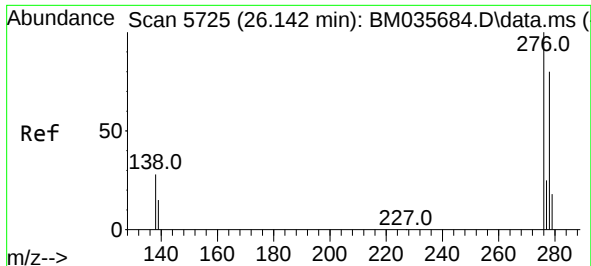
Tgt Ion:252 Resp: 66947
Ion Ratio Lower Upper
252 100
253 24.9 29.7 44.5#
125 16.6 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.354 ng/ul
RT: 26.091 min Scan# 5710
Delta R.T. -0.040 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

Tgt Ion:276 Resp: 74237
Ion Ratio Lower Upper
276 100
138 30.0 23.9 35.9
227 0.3 0.1 0.1#

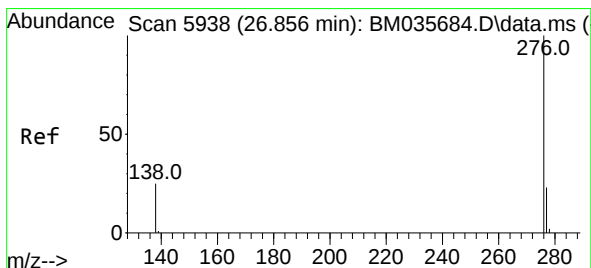
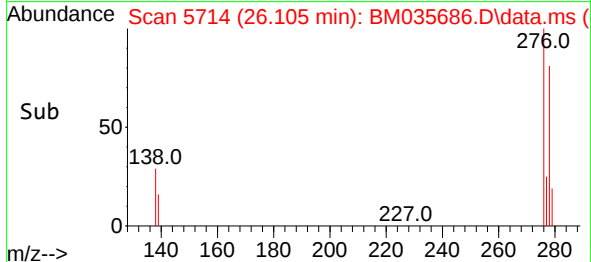
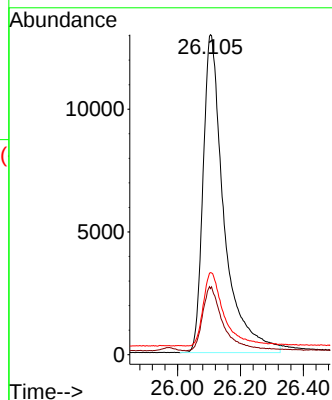
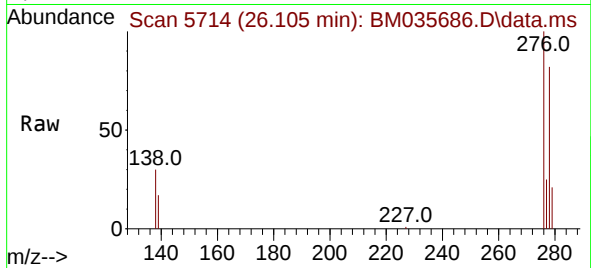




#28
Dibenzo(a,h)anthracene
Concen: 1.336 ng/ul
RT: 26.105 min Scan# 51
Delta R.T. -0.037 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:278 Resp: 59802
Ion Ratio Lower Upper
278 100
139 20.6 19.8 29.6
279 25.7 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 1.352 ng/ul
RT: 26.826 min Scan# 5929
Delta R.T. -0.030 min
Lab File: BM035686.D
Acq: 25 Jun 2022 14:25

Tgt Ion:276 Resp: 66327
Ion Ratio Lower Upper
276 100
138 26.8 23.4 35.0
277 23.8 21.0 31.4

