

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BN051222\
 Data File : BM035022.D
 Acq On : 12 May 2022 17:02
 Operator : CG/JU
 Sample : SSTD1.640
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6040

Quant Time: May 12 17:31:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 17:18:03 2022
 Response via : Initial Calibration

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

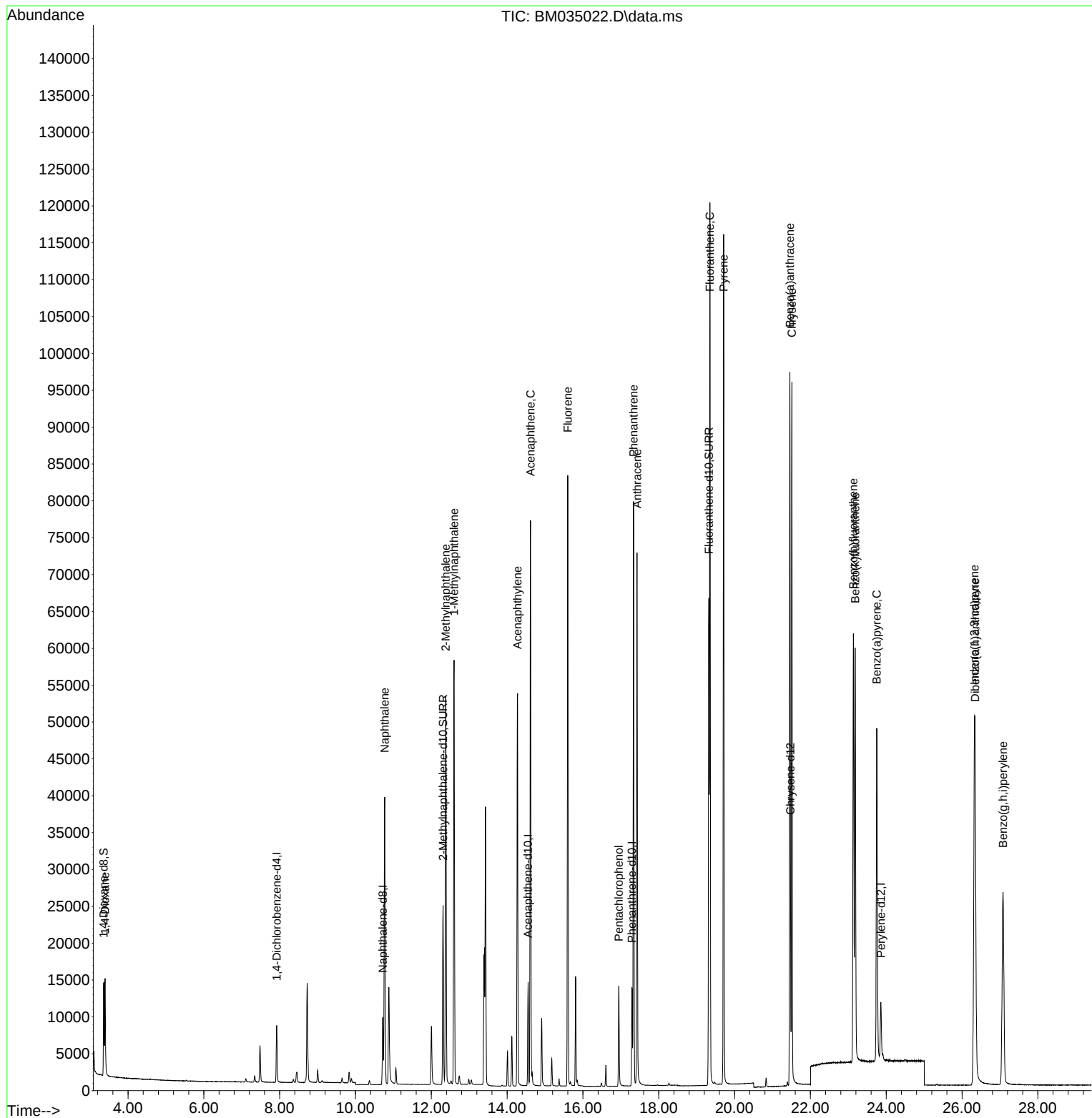
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	4157	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	12142	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	7439	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	15988	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	12601	0.400	ng/ul #	0.00
23) Perylene-d12	23.859	264	10739	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	7660	1.666	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	30873	1.809	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	68614	1.726	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	8034	1.836	ng/ul#	83
5) Naphthalene	10.770	128	54386	1.566	ng/ul#	87
7) 2-Methylnaphthalene	12.382	142	36521	1.584	ng/ul	100
8) 1-Methylnaphthalene	12.602	142	38896	1.716	ng/ul	100
10) Acenaphthylene	14.274	152	61553	1.893	ng/ul#	89
11) Acenaphthene	14.617	153	43619	1.586	ng/ul	95
12) Fluorene	15.602	166	51945	1.676	ng/ul#	96
14) Pentachlorophenol	16.946	266	8650	1.824	ng/ul	98
15) Phenanthrene	17.334	178	83232	1.575	ng/ul	94
16) Anthracene	17.427	178	78263	1.662	ng/ul#	90
19) Fluoranthene	19.349	202	96599	1.597	ng/ul	98
20) Pyrene	19.712	202	95848	1.578	ng/ul	99
21) Benzo(a)anthracene	21.459	228	79236	1.616	ng/ul	97
22) Chrysene	21.511	228	80776	1.545	ng/ul	97
24) Benzo(b)fluoranthene	23.134	252	76536	1.561	ng/ul	86
25) Benzo(k)fluoranthene	23.180	252	74382	1.518	ng/ul#	84
26) Benzo(a)pyrene	23.750	252	69922	1.747	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.326	276	68828	1.225	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.346	278	55713	1.219	ng/ul#	85
29) Benzo(g,h,i)perylene	27.081	276	58036	1.197	ng/ul	93

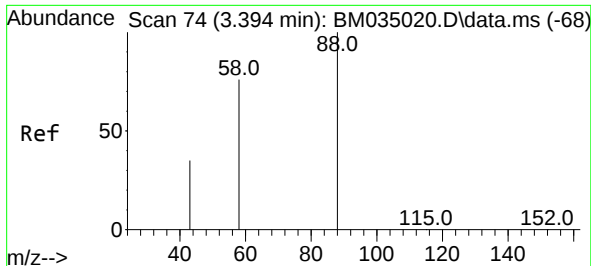
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_M
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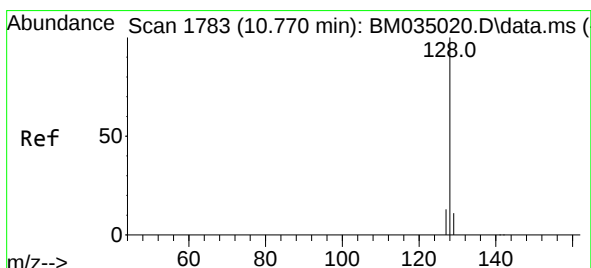
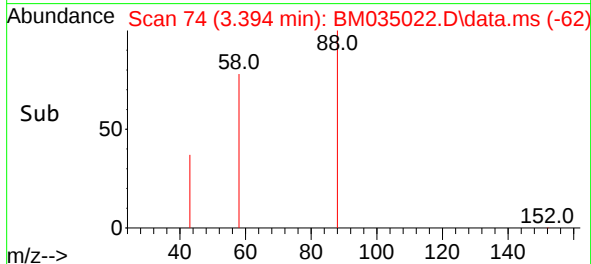
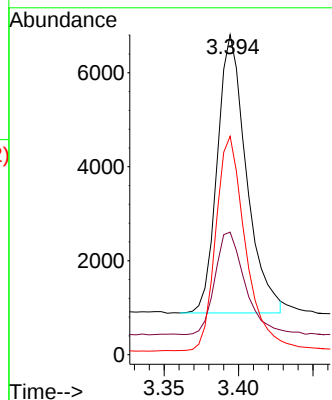
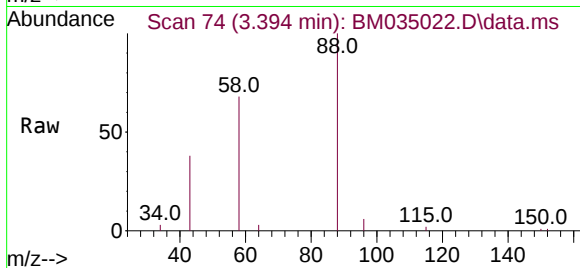




#2
1,4-Dioxane
Concen: 1.836 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

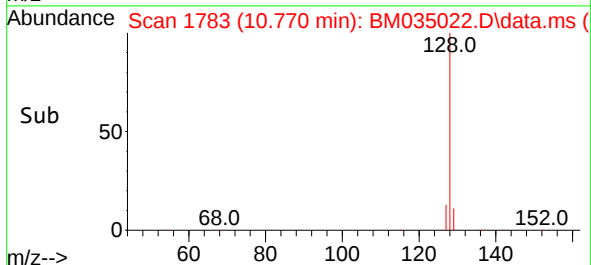
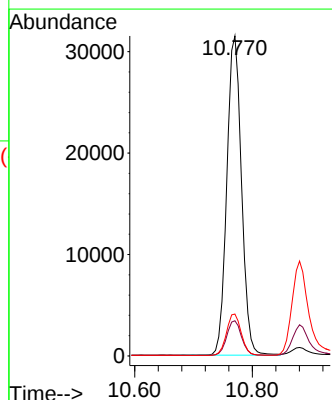
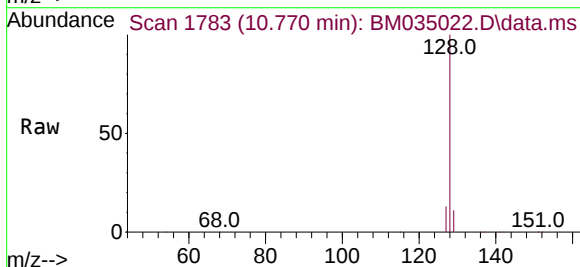
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

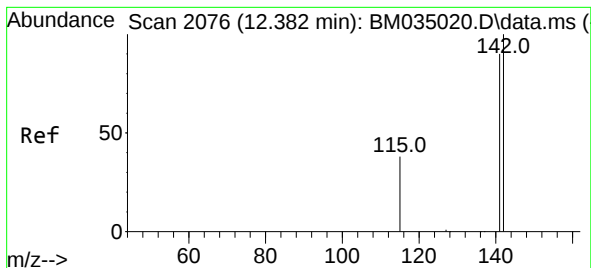
Tgt Ion: 88 Resp: 8034
Ion Ratio Lower Upper
88 100
43 38.3 49.7 74.5#
58 68.3 52.5 78.7



#5
Naphthalene
Concen: 1.566 ng/ul
RT: 10.770 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

Tgt Ion: 128 Resp: 54386
Ion Ratio Lower Upper
128 100
129 11.0 13.4 20.2#
127 13.1 15.2 22.8#

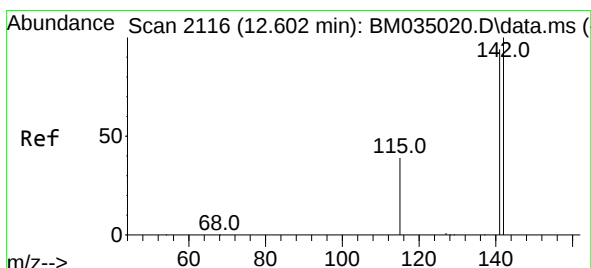
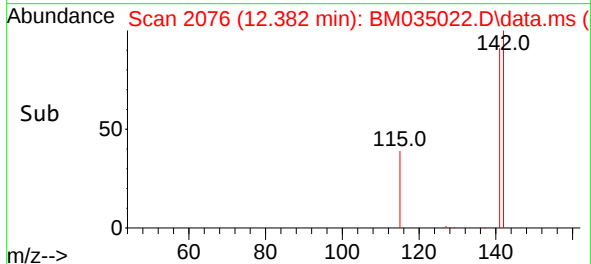
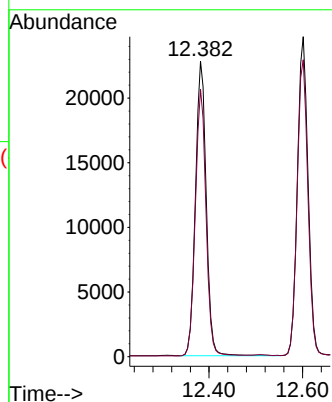
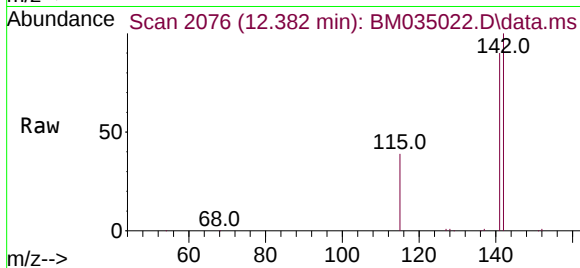




#7
2-Methylnaphthalene
Concen: 1.584 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

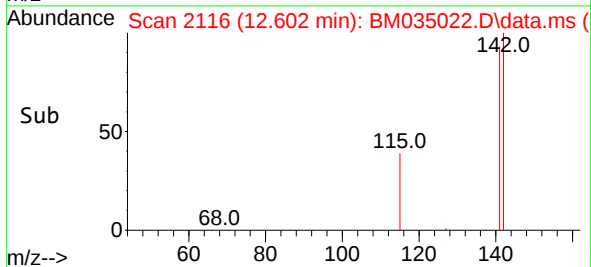
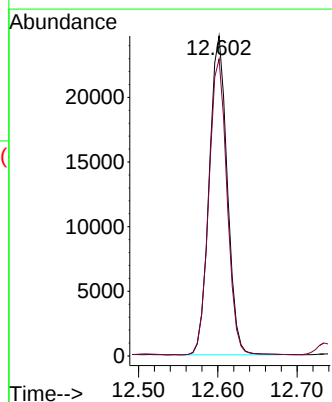
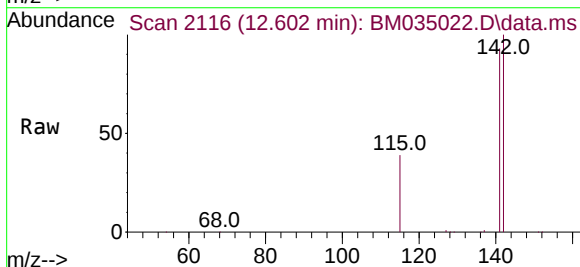
Instrument :
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ClientSampleId :
SSTD1.6040

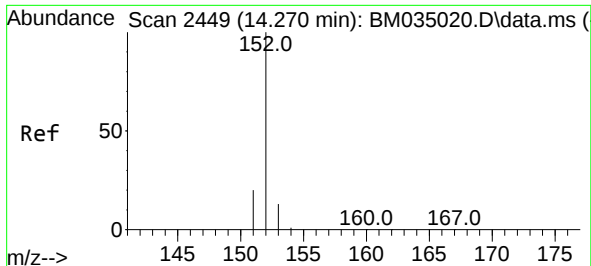
Tgt Ion:142 Resp: 36521
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.6



#8
1-Methylnaphthalene
Concen: 1.716 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

Tgt Ion:142 Resp: 38896
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4

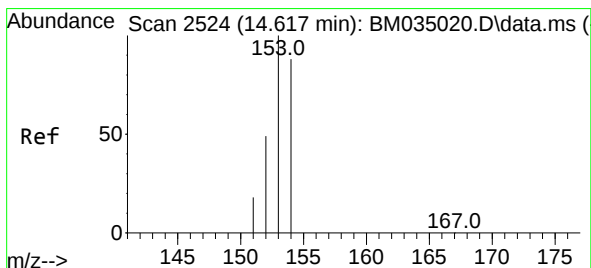
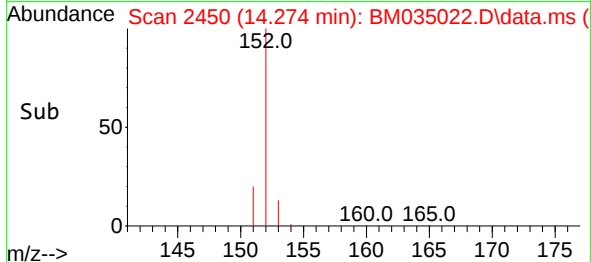
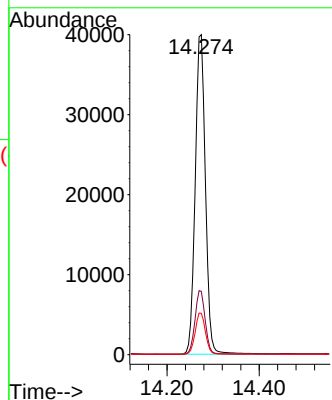
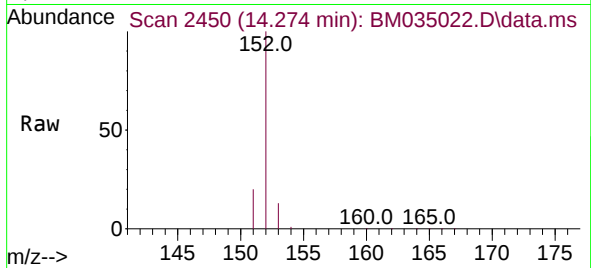




#10
Acenaphthylene
Concen: 1.893 ng/ul
RT: 14.274 min Scan# 2449
Delta R.T. 0.005 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

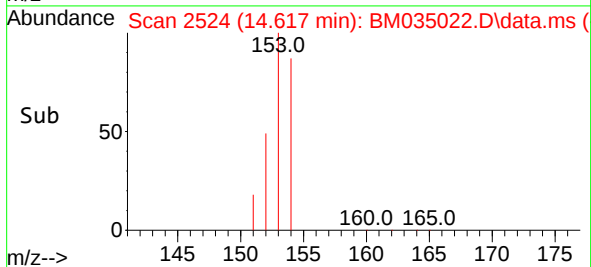
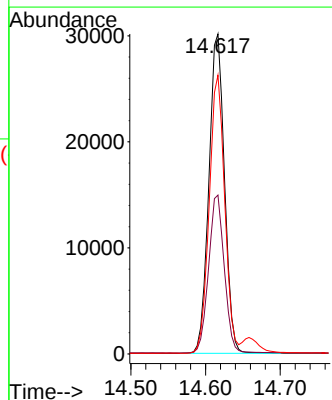
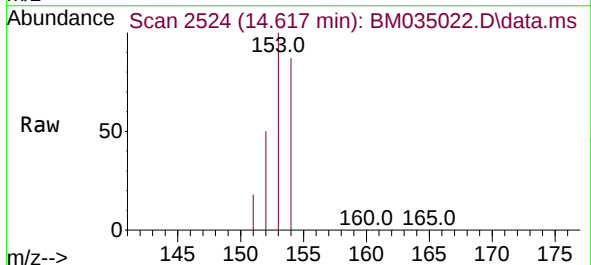
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

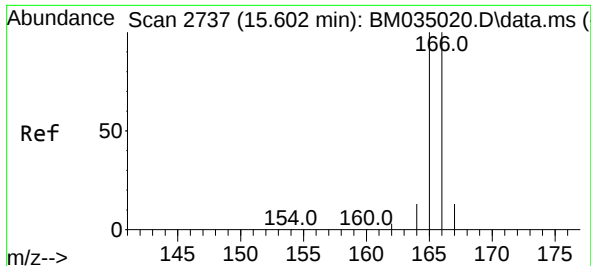
Tgt Ion:152 Resp: 61553
Ion Ratio Lower Upper
152 100
151 19.8 19.9 29.9#
153 12.9 15.0 22.4#



#11
Acenaphthene
Concen: 1.586 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

Tgt Ion:153 Resp: 43619
Ion Ratio Lower Upper
153 100
152 49.7 42.4 63.6
154 87.1 66.2 99.2

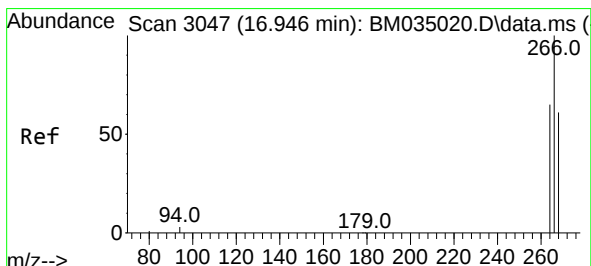
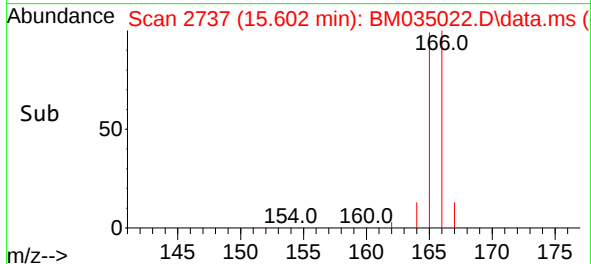
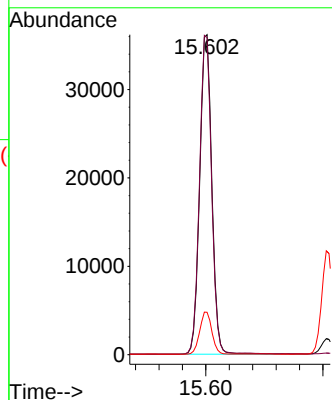
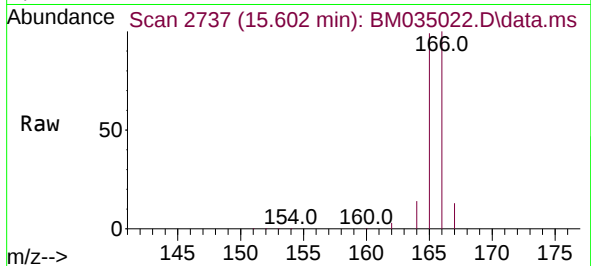




#12
Fluorene
Concen: 1.676 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

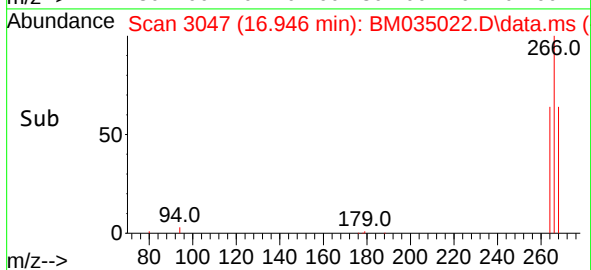
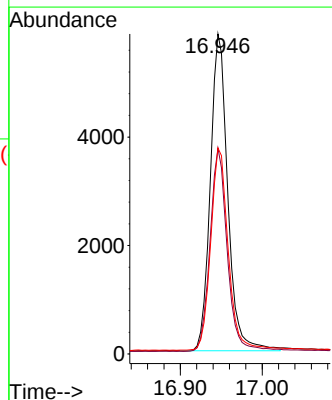
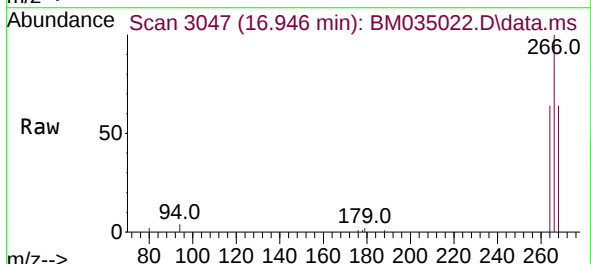
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

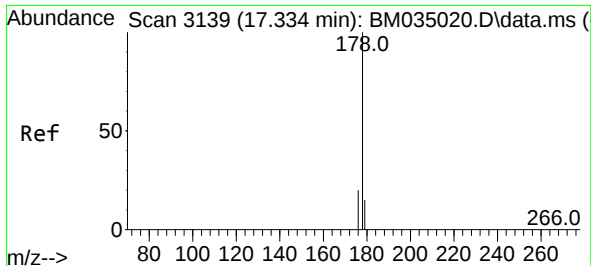
Tgt Ion:166 Resp: 51945
Ion Ratio Lower Upper
166 100
165 99.1 81.1 121.7
167 13.3 14.9 22.3#



#14
Pentachlorophenol
Concen: 1.824 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

Tgt Ion:266 Resp: 8650
Ion Ratio Lower Upper
266 100
264 63.4 51.4 77.0
268 64.1 53.1 79.7

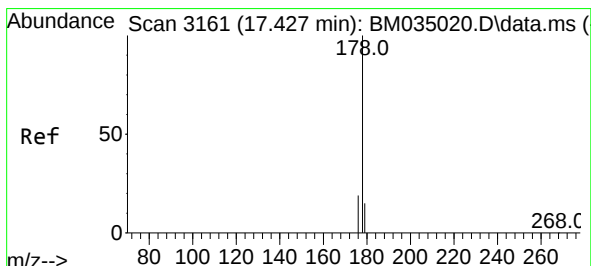
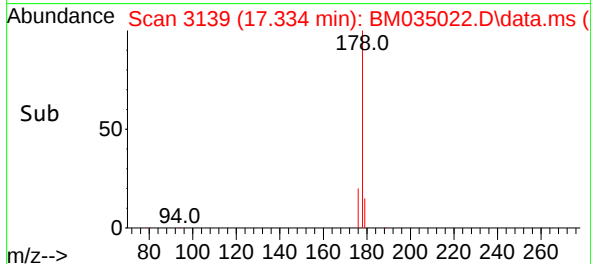
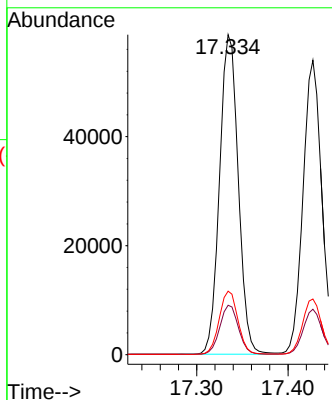
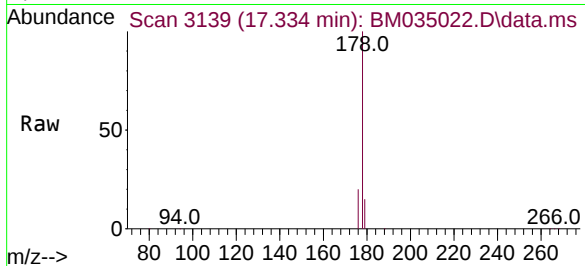




#15
Phenanthrene
Concen: 1.575 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

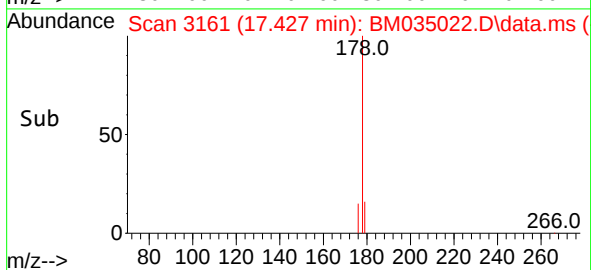
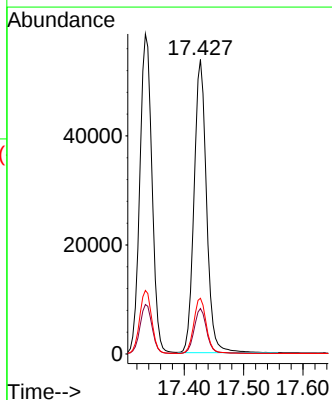
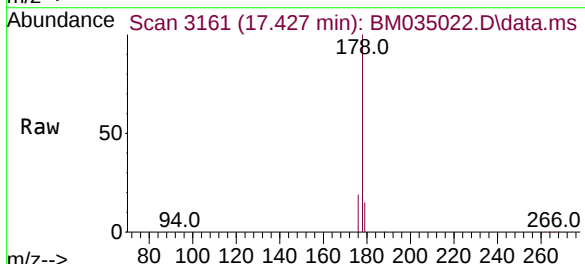
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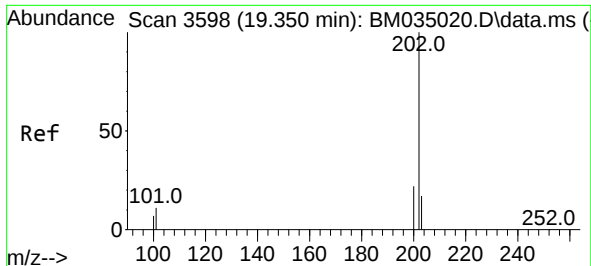
Tgt Ion:178 Resp: 83232
Ion Ratio Lower Upper
178 100
179 15.5 15.0 22.6
176 19.8 17.9 26.9



#16
Anthracene
Concen: 1.662 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

Tgt Ion:178 Resp: 78263
Ion Ratio Lower Upper
178 100
179 15.4 16.5 24.7#
176 18.9 18.3 27.5

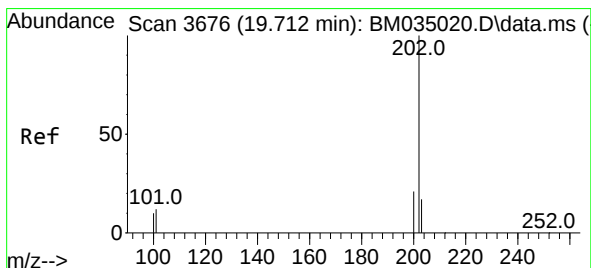
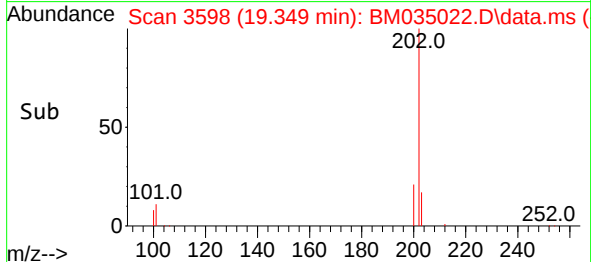
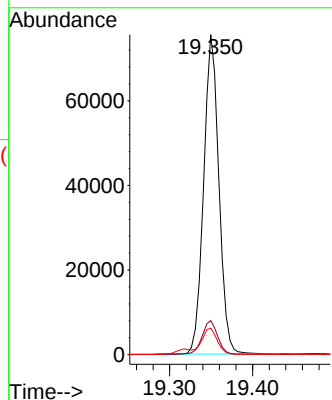
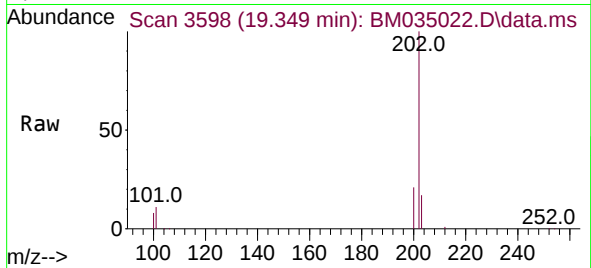




#19
Fluoranthene
Concen: 1.597 ng/ul
RT: 19.349 min Scan# 3598
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

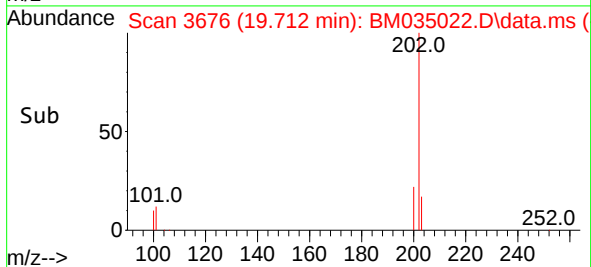
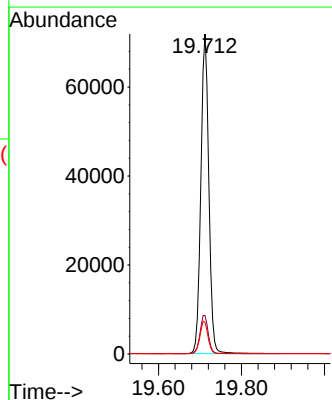
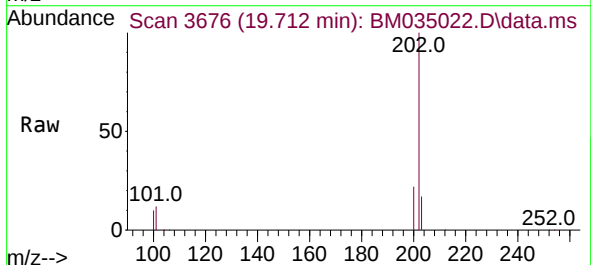
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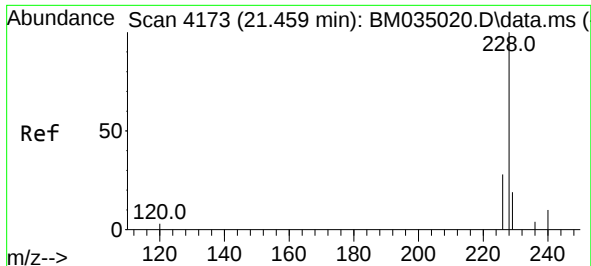
Tgt Ion:202 Resp: 96599
Ion Ratio Lower Upper
202 100
101 10.7 9.2 13.8
100 8.3 7.2 10.8



#20
Pyrene
Concen: 1.578 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

Tgt Ion:202 Resp: 95848
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 9.9 7.8 11.6

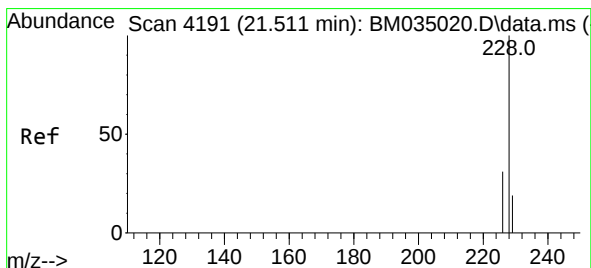
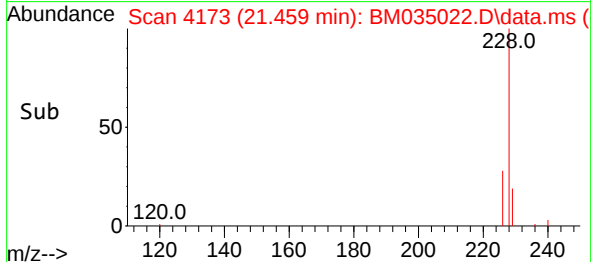
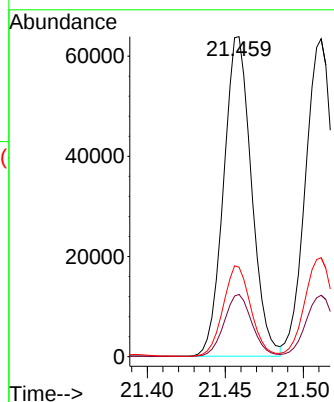
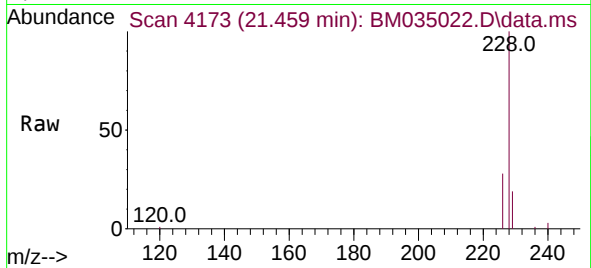




#21
Benzo(a)anthracene
Concen: 1.616 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

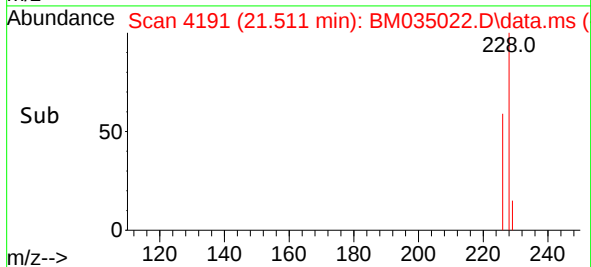
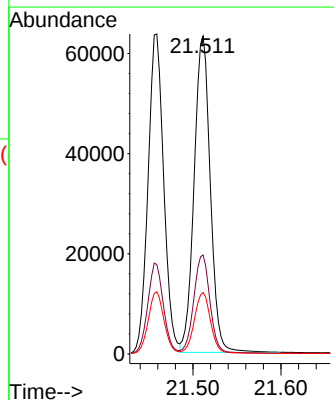
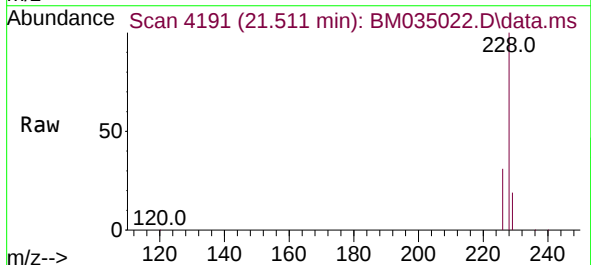
Instrument :
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ClientSampleId :
SSTD1.6040

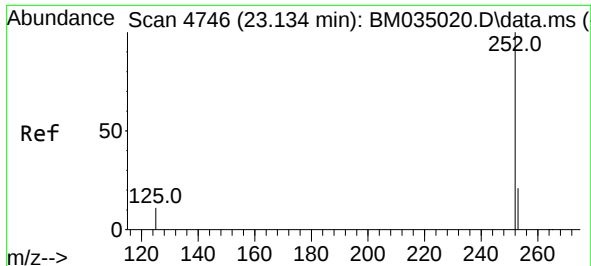
Tgt Ion:228 Resp: 79236
Ion Ratio Lower Upper
228 100
229 19.5 17.3 25.9
226 28.0 23.2 34.8



#22
Chrysene
Concen: 1.545 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

Tgt Ion:228 Resp: 80776
Ion Ratio Lower Upper
228 100
226 31.2 25.8 38.8
229 19.3 16.7 25.1

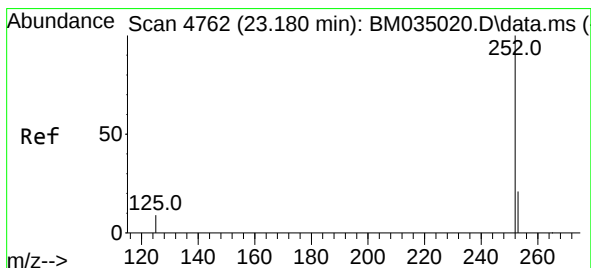
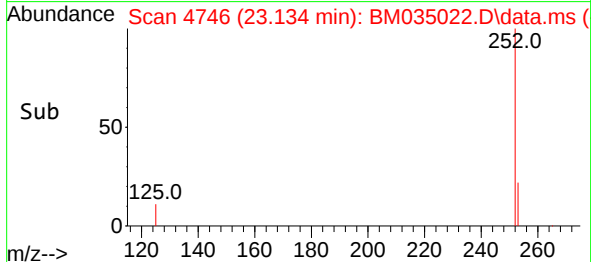
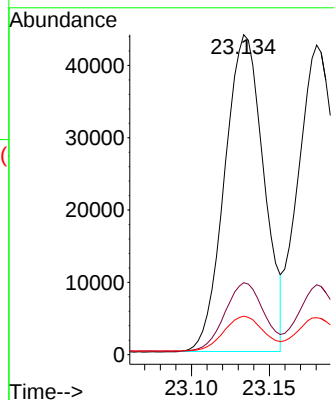
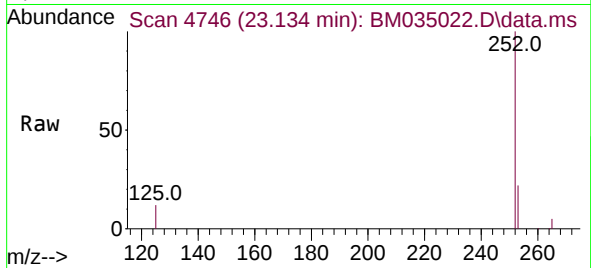




#24
Benzo(b)fluoranthene
Concen: 1.561 ng/ul
RT: 23.134 min Scan# 4746
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

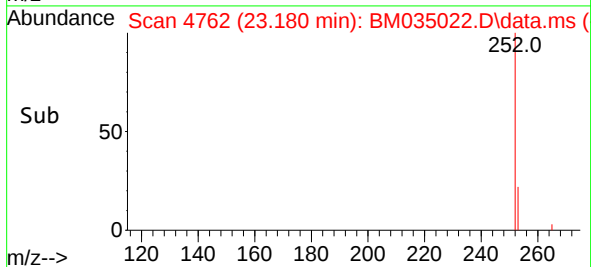
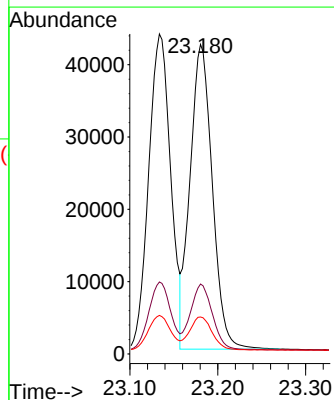
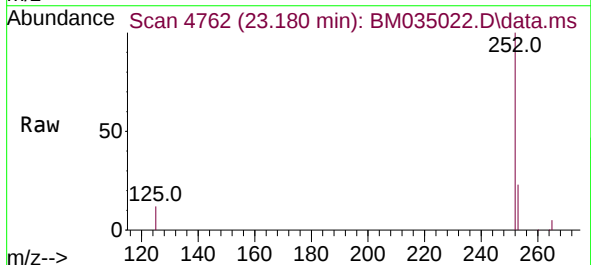
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

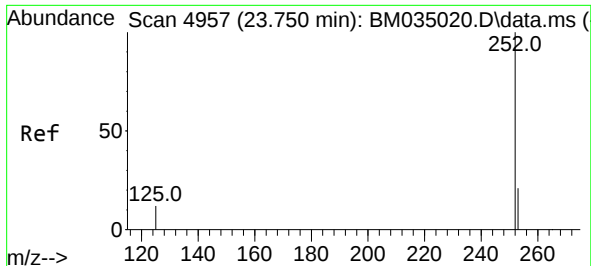
Tgt Ion:252 Resp: 76536
Ion Ratio Lower Upper
252 100
253 22.5 0.0 64.2
125 12.1 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 1.518 ng/ul
RT: 23.180 min Scan# 4762
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

Tgt Ion:252 Resp: 74382
Ion Ratio Lower Upper
252 100
253 22.6 26.8 40.2#
125 11.9 12.0 18.0#

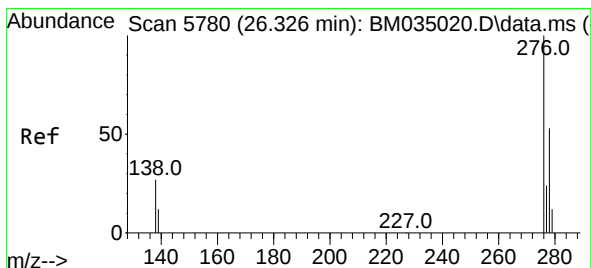
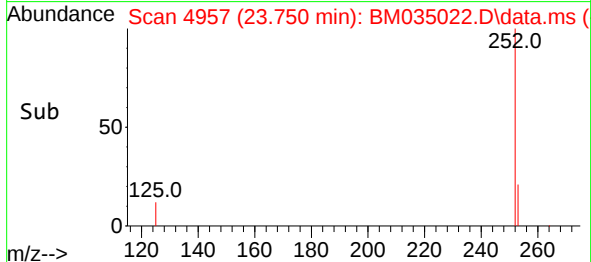
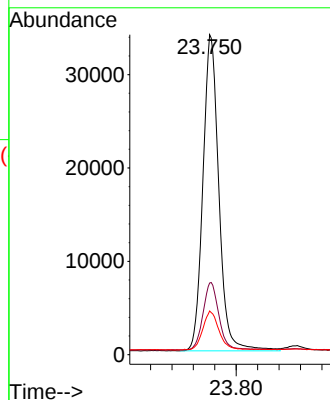
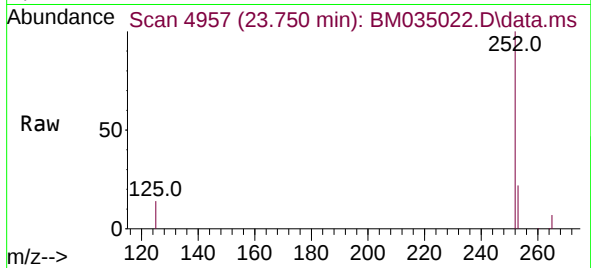




#26
Benzo(a)pyrene
Concen: 1.747 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

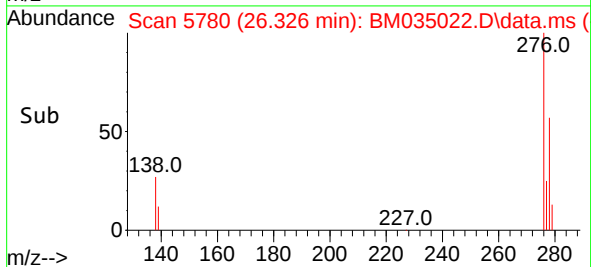
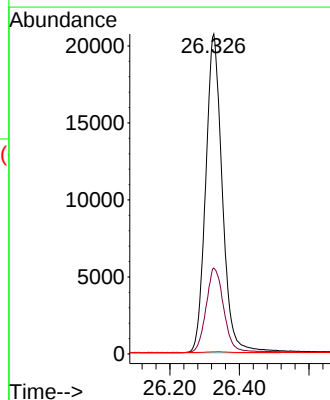
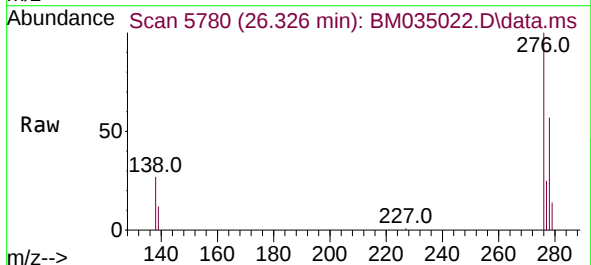
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

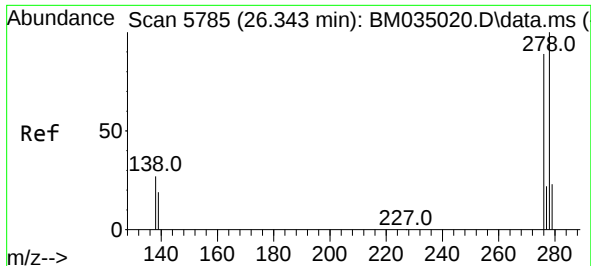
Tgt Ion:252 Resp: 69922
Ion Ratio Lower Upper
252 100
253 22.4 32.0 48.0#
125 13.6 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.225 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

Tgt Ion:276 Resp: 68828
Ion Ratio Lower Upper
276 100
138 28.4 15.8 23.6#
227 0.3 0.0 0.0#

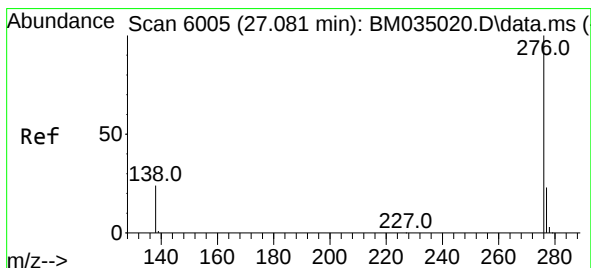
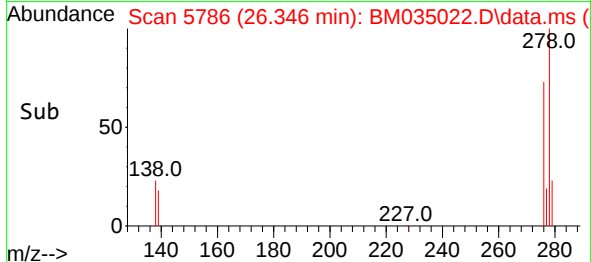
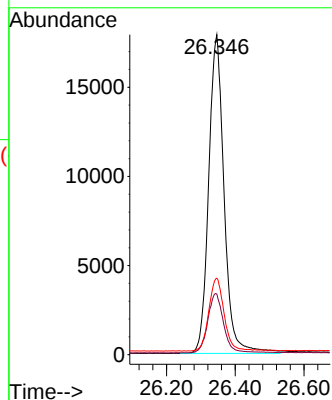
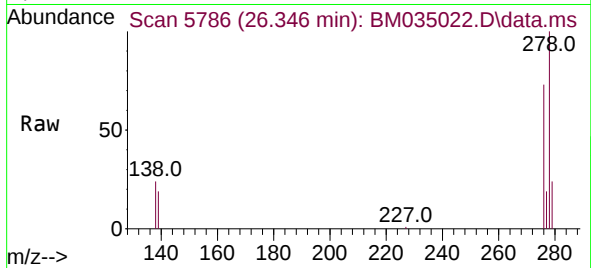




#28
Dibenzo(a,h)anthracene
Concen: 1.219 ng/ul
RT: 26.346 min Scan# 5785
Delta R.T. 0.003 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

Tgt Ion: 278 Resp: 55713
Ion Ratio Lower Upper
278 100
139 18.9 18.0 27.0
279 23.9 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 1.197 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. -0.000 min
Lab File: BM035022.D
Acq: 12 May 2022 17:02

Tgt Ion: 276 Resp: 58036
Ion Ratio Lower Upper
276 100
138 23.8 17.4 26.0
277 23.4 22.6 33.8

