

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040422\
 Data File : BM034492.D
 Acq On : 04 Apr 2022 18:10
 Operator : CG/JU
 Sample : SSTD1.619
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6019

Quant Time: Apr 05 11:27:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:24:23 2022
 Response via : Initial Calibration

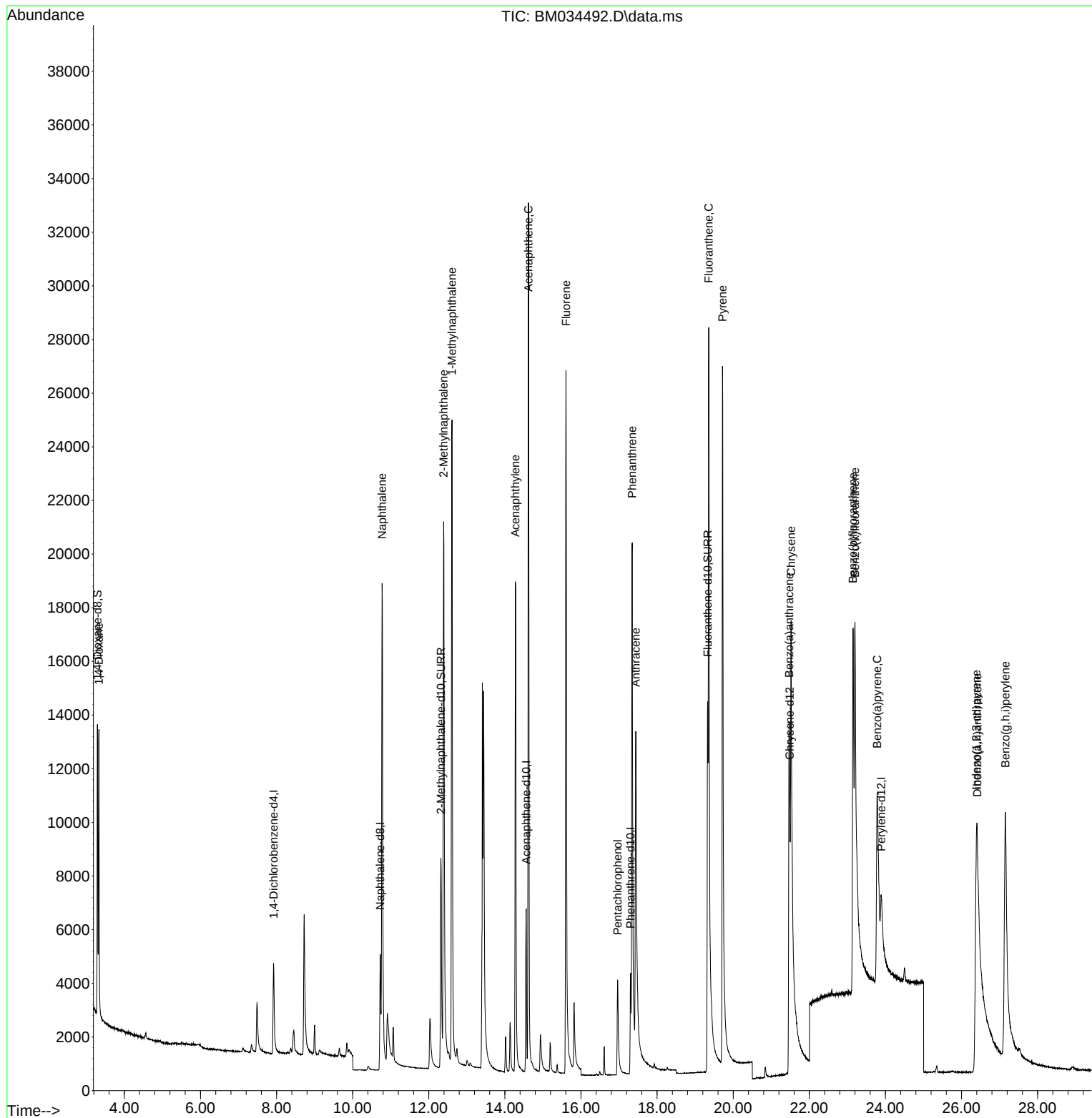
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	2555	0.400	ng/ul	0.00
4) Naphthalene-d8	10.724	136	7265	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.560	164	3617	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	6050	0.400	ng/ul	0.00
17) Chrysene-d12	21.486	240	5085	0.400	ng/ul	# 0.00
23) Perylene-d12	23.892	264	4557	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	5851	1.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.319	152	14147	1.485	ng/ul	-0.02
18) Fluoranthene-d10	19.329	212	22093	1.291	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	5969	1.028	ng/ul#	84
5) Naphthalene	10.774	128	31509	1.389	ng/ul#	87
7) 2-Methylnaphthalene	12.390	142	19027	1.537	ng/ul	99
8) 1-Methylnaphthalene	12.610	142	18985	1.524	ng/ul	100
10) Acenaphthylene	14.277	152	25239	1.508	ng/ul#	90
11) Acenaphthene	14.620	153	20120	1.485	ng/ul	95
12) Fluorene	15.605	166	21207	1.518	ng/ul#	97
14) Pentachlorophenol	16.961	266	3607	1.406	ng/ul	97
15) Phenanthrene	17.346	178	28441	1.447	ng/ul	94
16) Anthracene	17.438	178	23396	1.554	ng/ul#	91
19) Fluoranthene	19.357	202	31863	1.302	ng/ul	99
20) Pyrene	19.719	202	35090	1.226	ng/ul	97
21) Benzo(a)anthracene	21.469	228	18156	1.405	ng/ul	97
22) Chrysene	21.521	228	22242	1.481	ng/ul	97
24) Benzo(b)fluoranthene	23.149	252	23305	1.561	ng/ul	92
25) Benzo(k)fluoranthene	23.199	252	24566	1.844	ng/ul#	89
26) Benzo(a)pyrene	23.784	252	25244	1.450	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.391	276	32477	1.543	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.418	278	24032	1.573	ng/ul	90
29) Benzo(g,h,i)perylene	27.152	276	33573	1.480	ng/ul	96

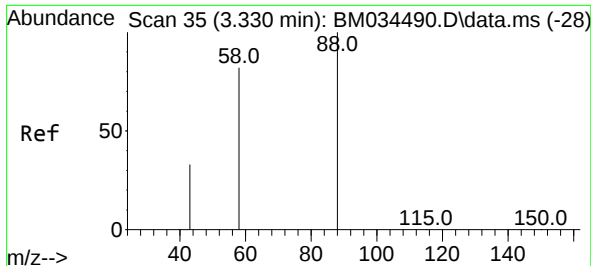
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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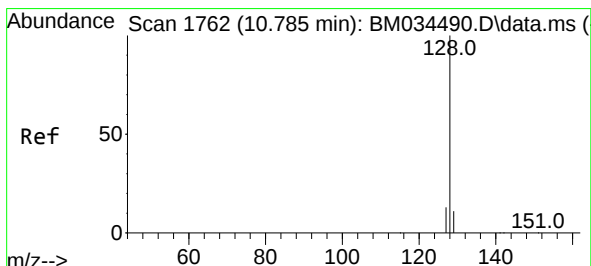
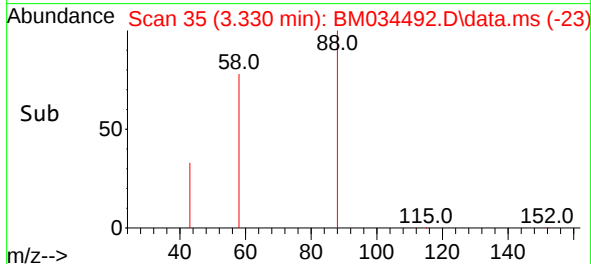
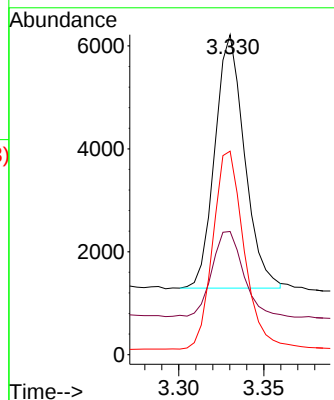
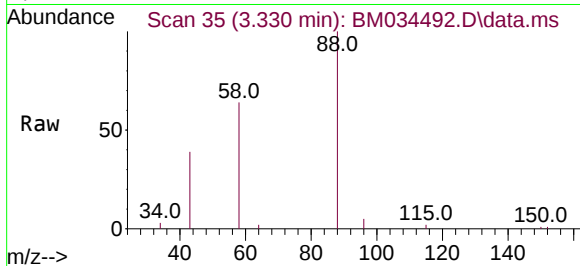




#2
1,4-Dioxane
Concen: 1.028 ng/ul
RT: 3.330 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

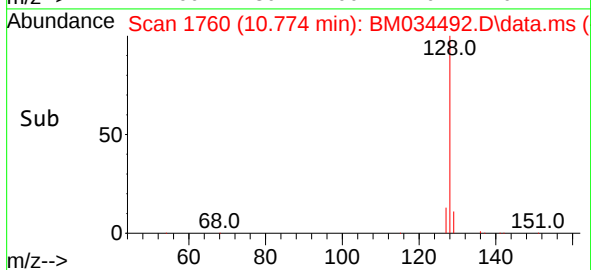
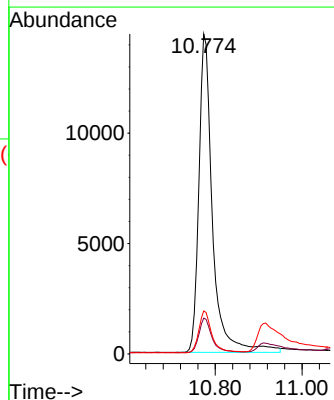
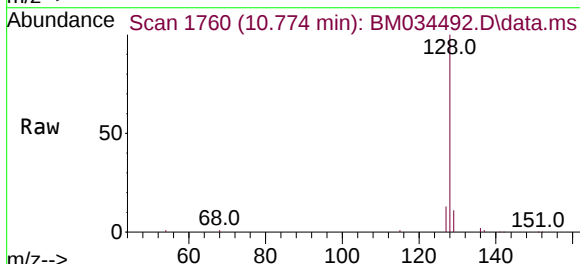
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

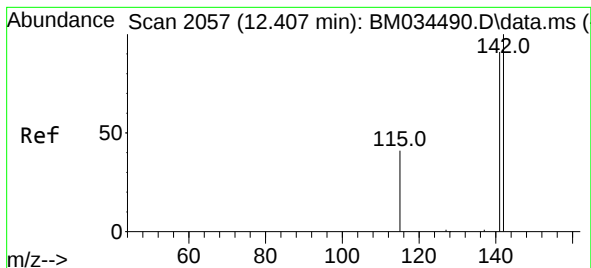
Tgt Ion: 88 Resp: 5969
Ion Ratio Lower Upper
88 100
43 38.5 49.7 74.5#
58 63.6 52.5 78.7



#5
Naphthalene
Concen: 1.389 ng/ul
RT: 10.774 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

Tgt Ion: 128 Resp: 31509
Ion Ratio Lower Upper
128 100
129 11.2 13.4 20.2#
127 13.4 15.2 22.8#





#7

2-Methylnaphthalene

Concen: 1.537 ng/ul

RT: 12.390 min Scan# 2054

Delta R.T. -0.017 min

Lab File: BM034492.D

Acq: 04 Apr 2022 18:10

Instrument :

BNA_M

ClientSampleId :

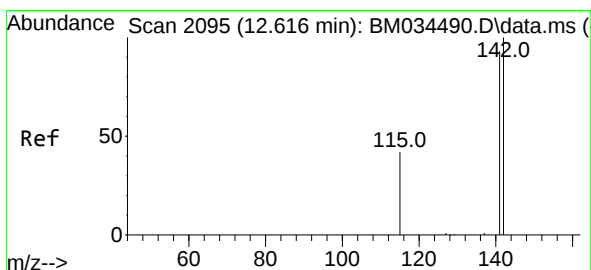
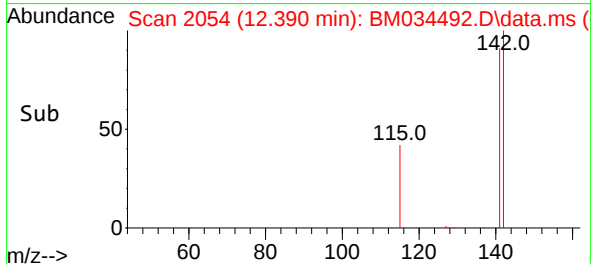
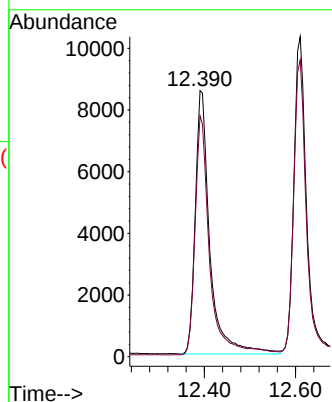
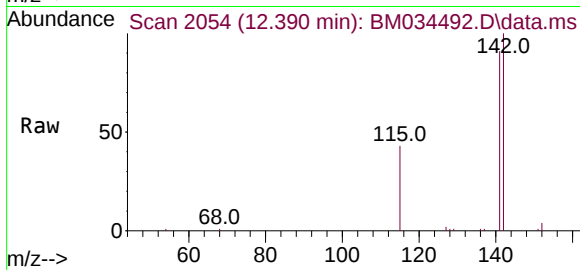
SSTD1.6019

Tgt Ion:142 Resp: 19027

Ion Ratio Lower Upper

142 100

141 91.0 71.8 107.6



#8

1-Methylnaphthalene

Concen: 1.524 ng/ul

RT: 12.610 min Scan# 2094

Delta R.T. -0.006 min

Lab File: BM034492.D

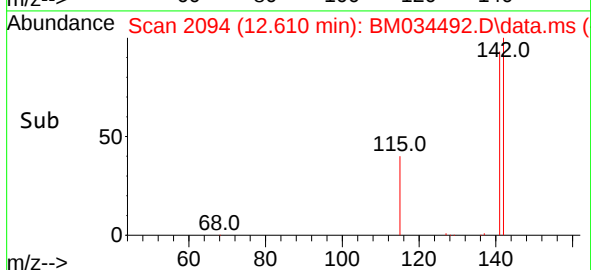
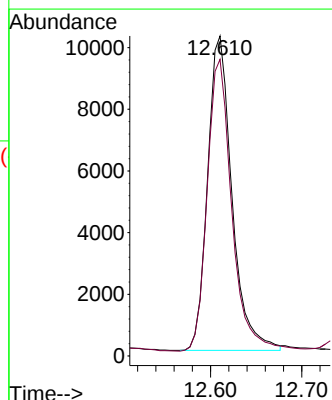
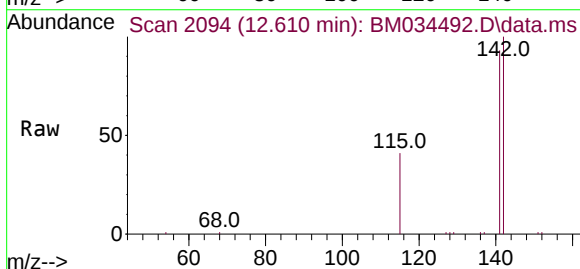
Acq: 04 Apr 2022 18:10

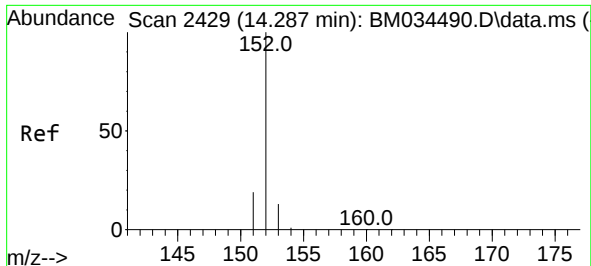
Tgt Ion:142 Resp: 18985

Ion Ratio Lower Upper

142 100

141 93.5 75.0 112.4

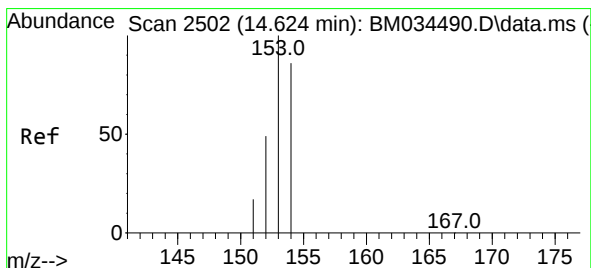
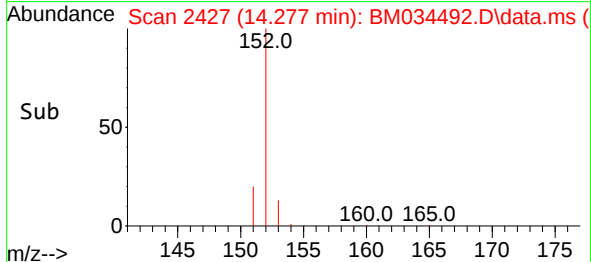
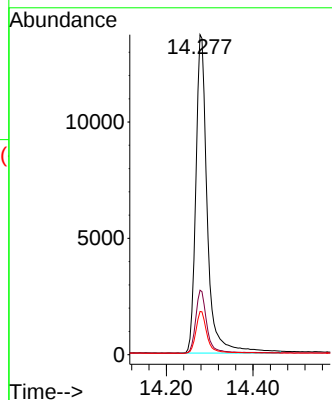
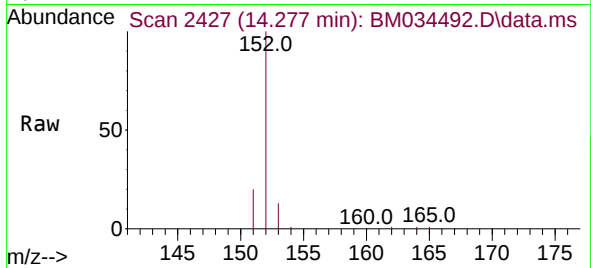




#10
Acenaphthylene
Concen: 1.508 ng/ul
RT: 14.277 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

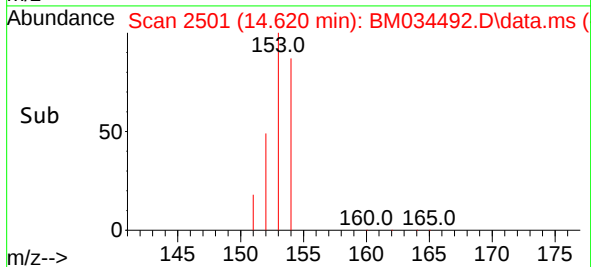
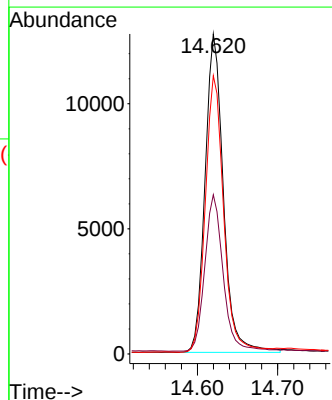
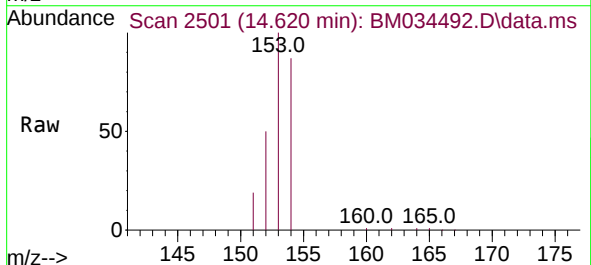
Instrument :
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SSTD1.6019

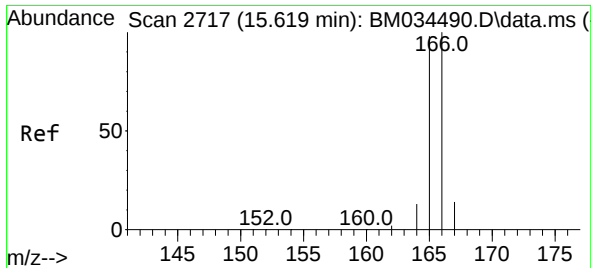
Tgt Ion:152 Resp: 25239
Ion Ratio Lower Upper
152 100
151 20.2 19.9 29.9
153 13.5 15.0 22.4#



#11
Acenaphthene
Concen: 1.485 ng/ul
RT: 14.620 min Scan# 2501
Delta R.T. -0.005 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

Tgt Ion:153 Resp: 20120
Ion Ratio Lower Upper
153 100
152 49.7 42.4 63.6
154 86.9 66.2 99.2

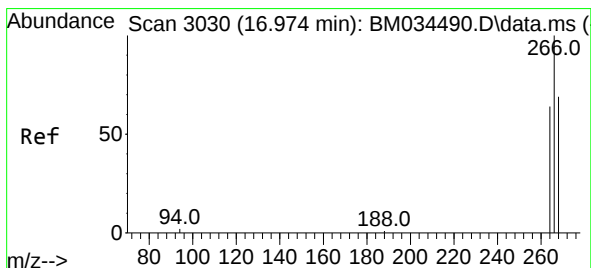
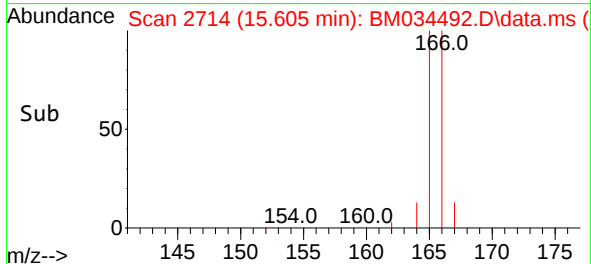
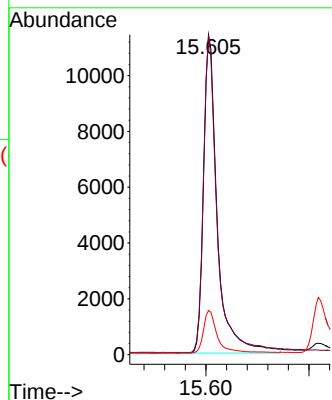
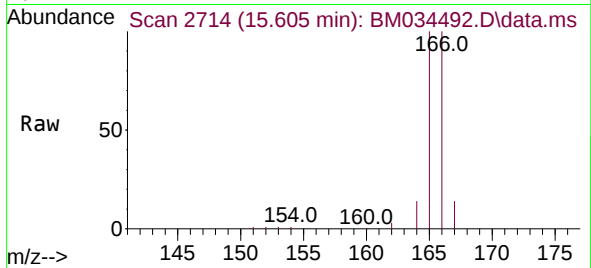




#12
Fluorene
Concen: 1.518 ng/ul
RT: 15.605 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

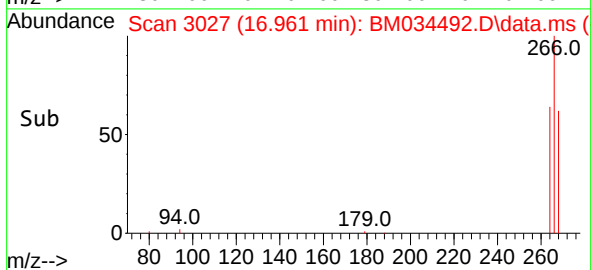
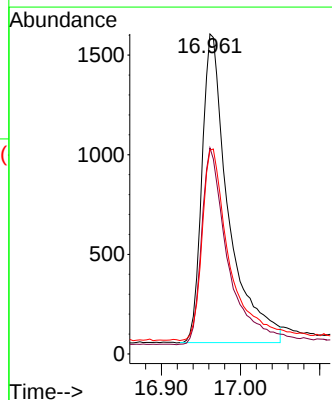
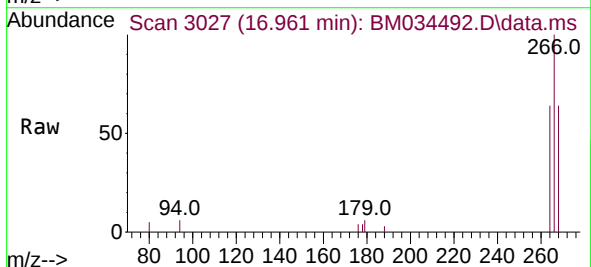
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

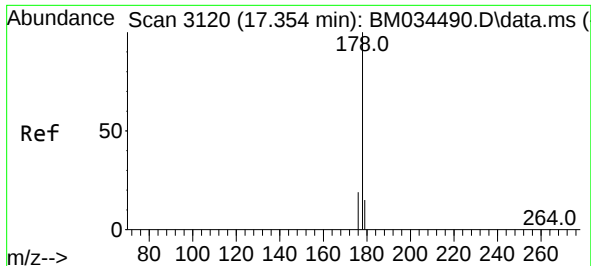
Tgt Ion:166 Resp: 21207
Ion Ratio Lower Upper
166 100
165 99.9 81.1 121.7
167 13.8 14.9 22.3#



#14
Pentachlorophenol
Concen: 1.406 ng/ul
RT: 16.961 min Scan# 3027
Delta R.T. -0.013 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

Tgt Ion:266 Resp: 3607
Ion Ratio Lower Upper
266 100
264 63.0 51.4 77.0
268 63.3 53.1 79.7

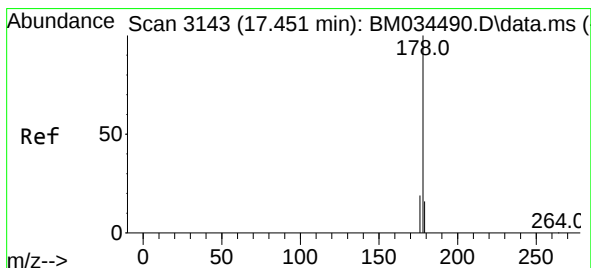
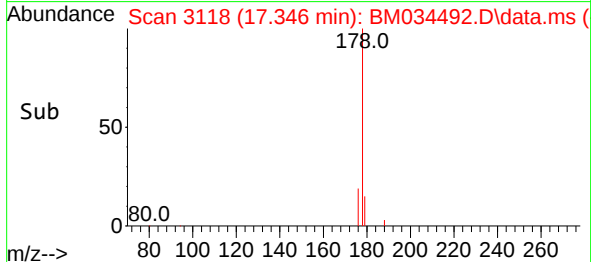
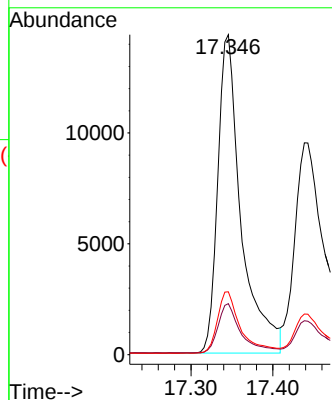
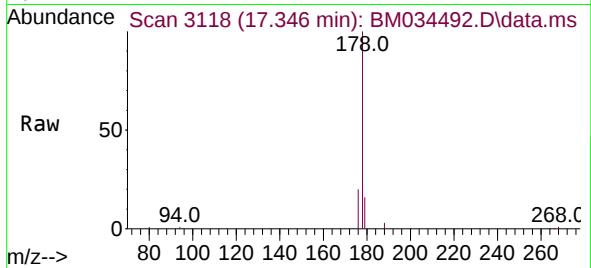




#15
Phenanthrene
Concen: 1.447 ng/ul
RT: 17.346 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

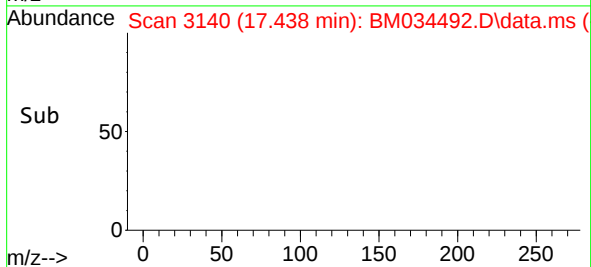
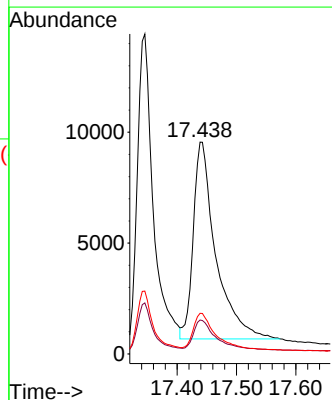
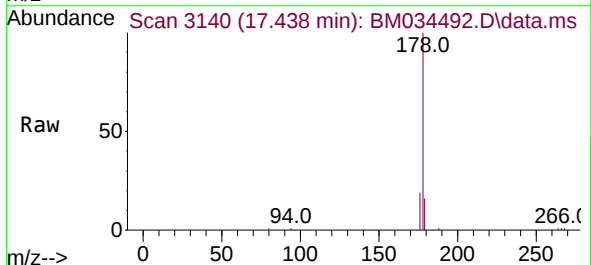
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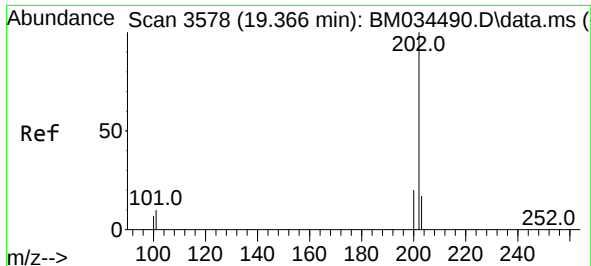
Tgt Ion:178 Resp: 28441
Ion Ratio Lower Upper
178 100
179 15.9 15.0 22.6
176 19.7 17.9 26.9



#16
Anthracene
Concen: 1.554 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

Tgt Ion:178 Resp: 23396
Ion Ratio Lower Upper
178 100
179 16.0 16.5 24.7#
176 19.2 18.3 27.5

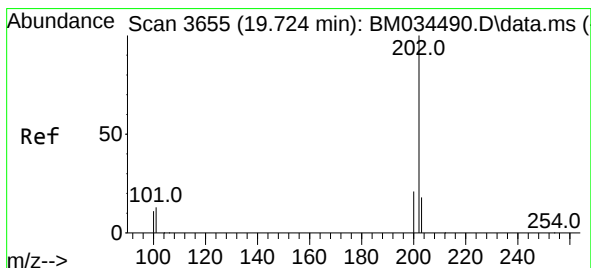
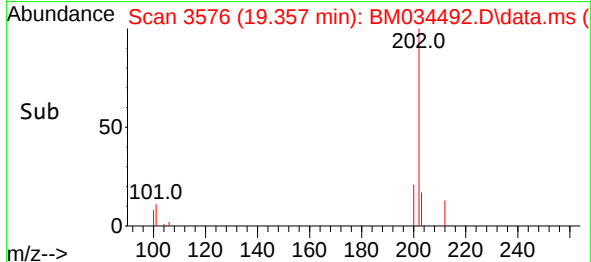
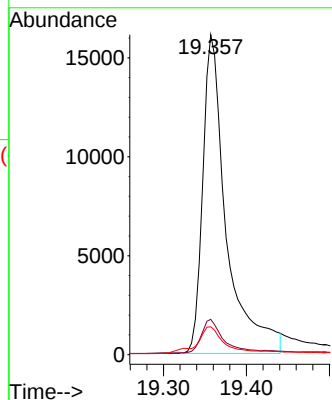
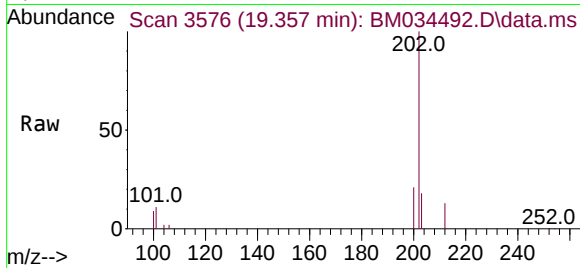




#19
Fluoranthene
Concen: 1.302 ng/u1
RT: 19.357 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

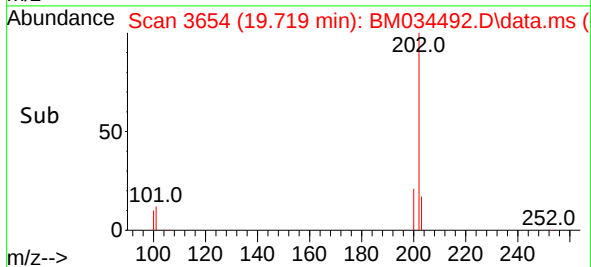
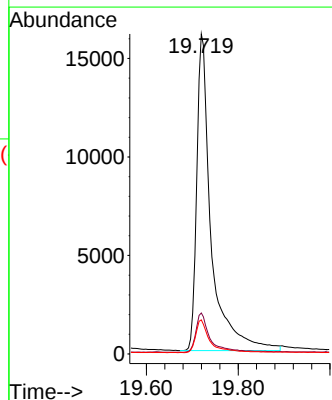
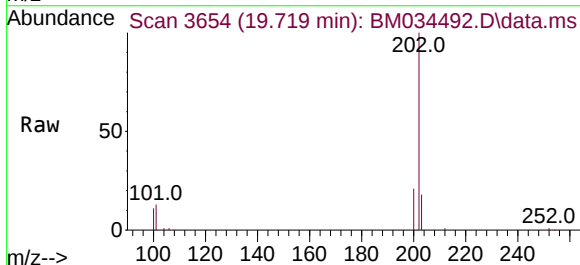
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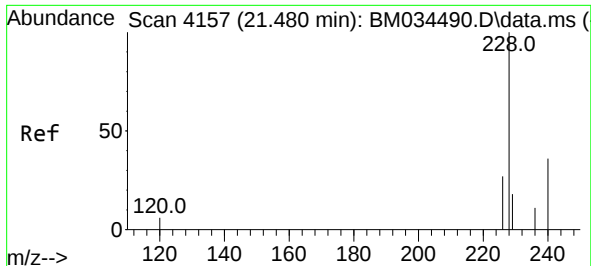
Tgt Ion:202 Resp: 31863
Ion Ratio Lower Upper
202 100
101 11.0 9.2 13.8
100 8.7 7.2 10.8



#20
Pyrene
Concen: 1.226 ng/u1
RT: 19.719 min Scan# 3654
Delta R.T. -0.005 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

Tgt Ion:202 Resp: 35090
Ion Ratio Lower Upper
202 100
101 12.8 9.3 13.9
100 10.7 7.8 11.6

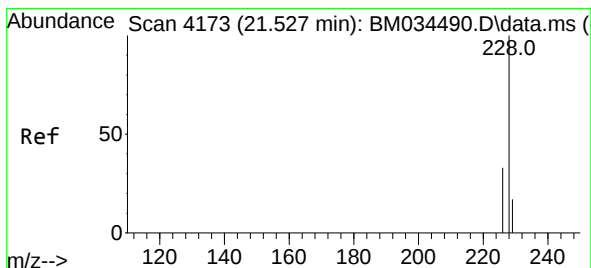
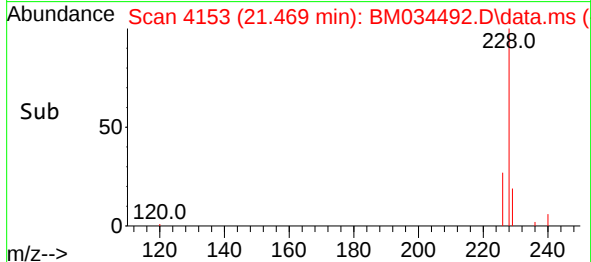
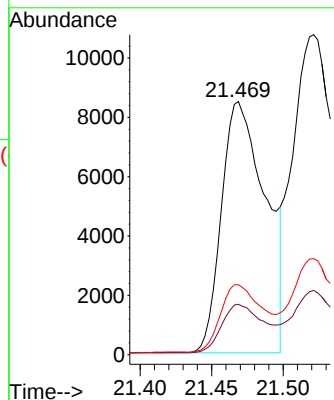
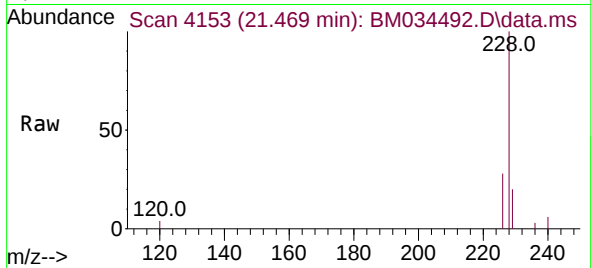




#21
Benzo(a)anthracene
Concen: 1.405 ng/ul
RT: 21.469 min Scan# 4153
Delta R.T. -0.011 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

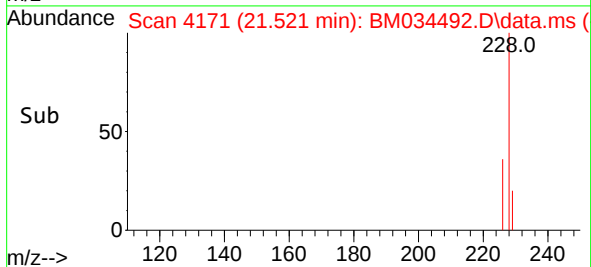
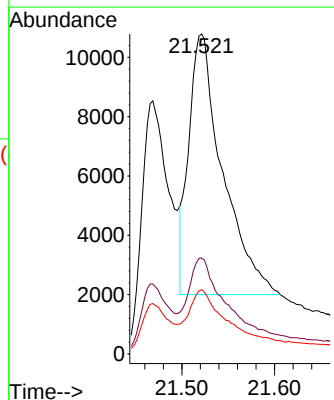
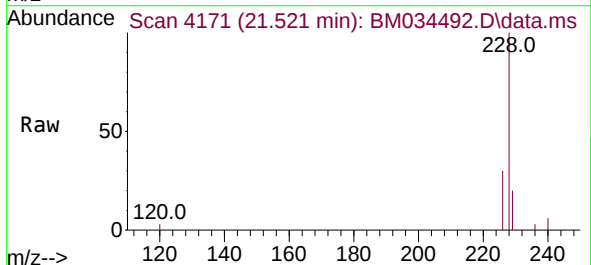
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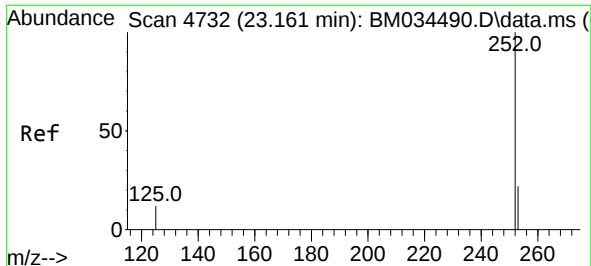
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Ion Ratio Lower Upper
228 100
229 19.9 17.3 25.9
226 27.6 23.2 34.8



#22
Chrysene
Concen: 1.481 ng/ul
RT: 21.521 min Scan# 4171
Delta R.T. -0.006 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

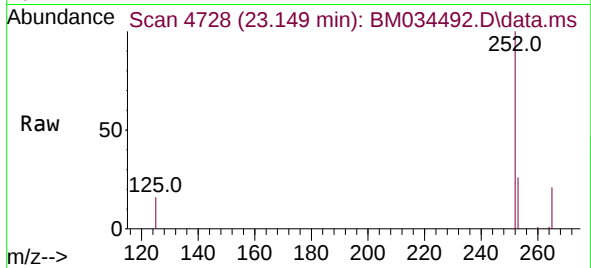
Tgt Ion:228 Resp: 22242
Ion Ratio Lower Upper
228 100
226 30.0 25.8 38.8
229 20.1 16.7 25.1



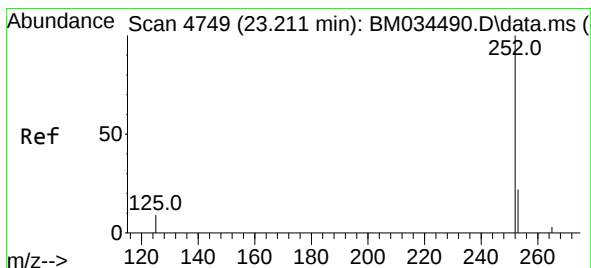
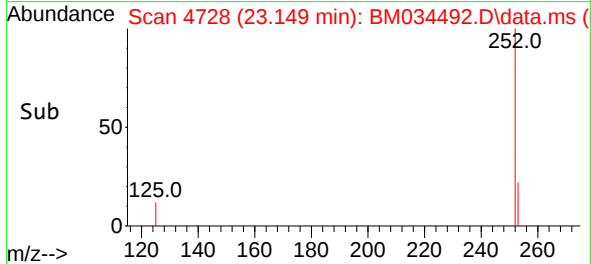
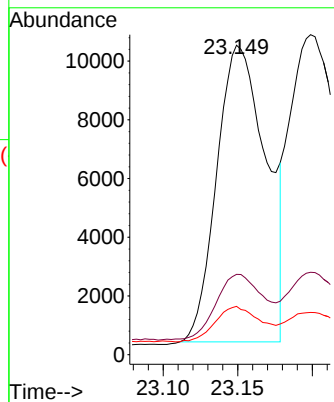


#24
Benzo(b)fluoranthene
Concen: 1.561 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. -0.012 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

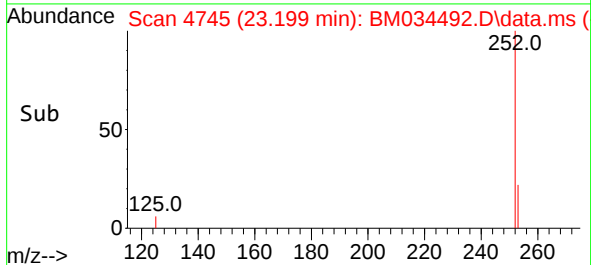
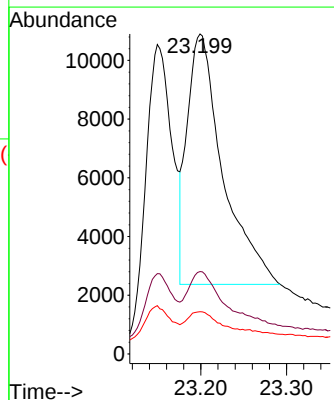
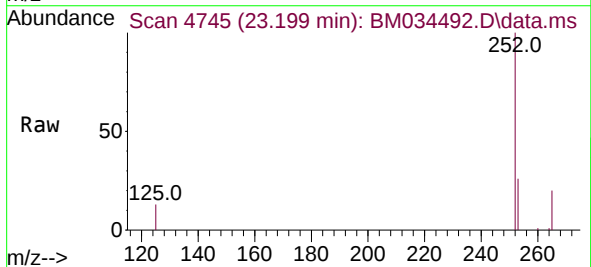


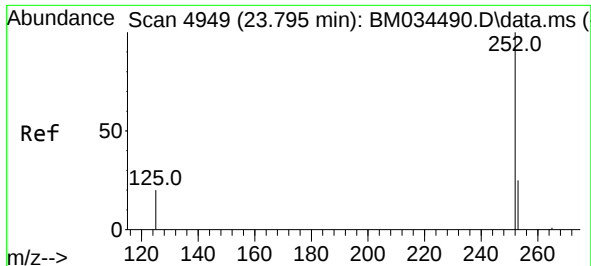
Tgt Ion:252 Resp: 23305
Ion Ratio Lower Upper
252 100
253 26.0 0.0 64.2
125 15.6 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 1.844 ng/ul
RT: 23.199 min Scan# 4745
Delta R.T. -0.012 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

Tgt Ion:252 Resp: 24566
Ion Ratio Lower Upper
252 100
253 25.8 26.8 40.2#
125 13.2 12.0 18.0

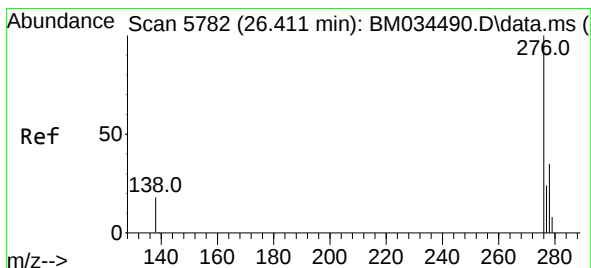
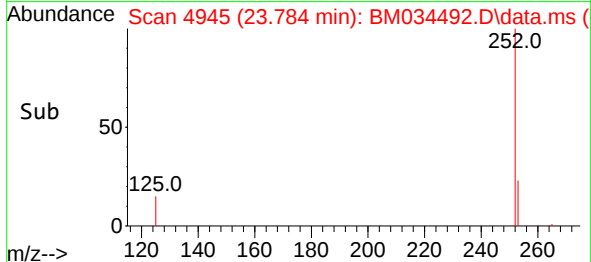
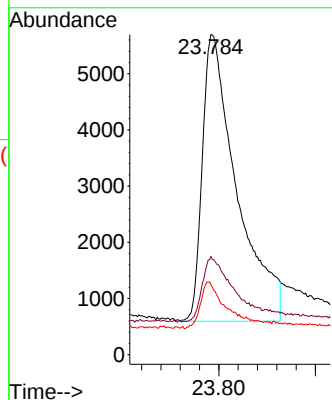
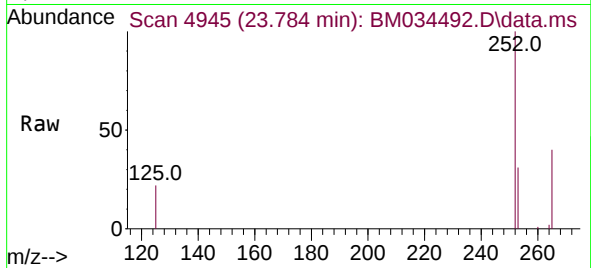




#26
Benzo(a)pyrene
Concen: 1.450 ng/ul
RT: 23.784 min Scan# 4949
Delta R.T. -0.012 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

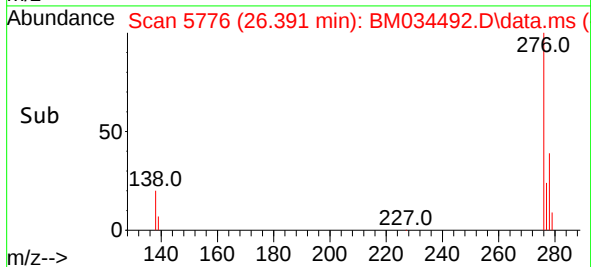
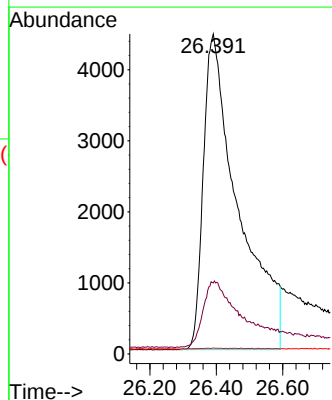
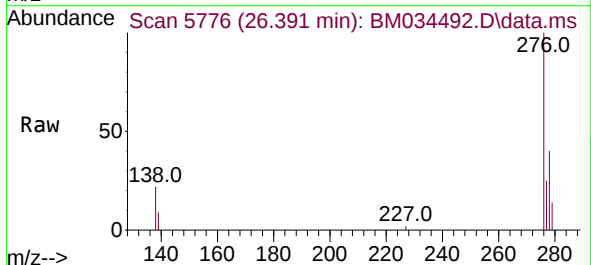
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

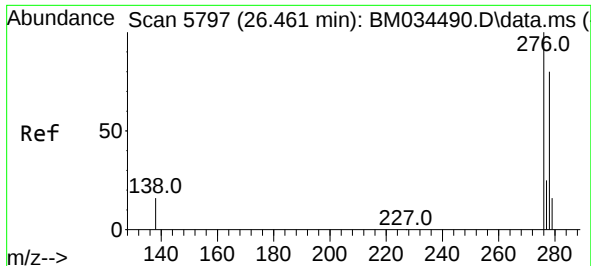
Tgt Ion:252 Resp: 25244
Ion Ratio Lower Upper
252 100
253 30.7 32.0 48.0#
125 21.8 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.543 ng/ul
RT: 26.391 min Scan# 5776
Delta R.T. -0.020 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

Tgt Ion:276 Resp: 32477
Ion Ratio Lower Upper
276 100
138 23.0 15.8 23.6
227 0.1 0.0 0.0#

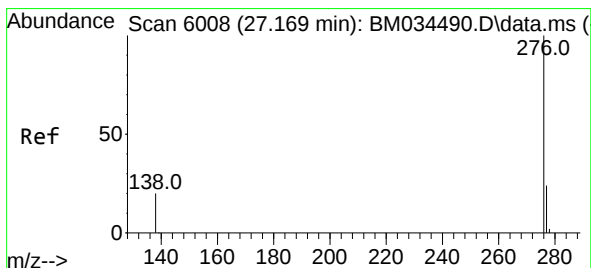
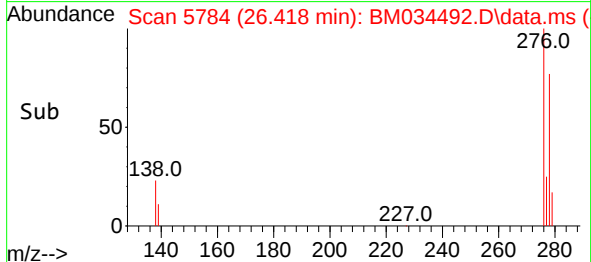
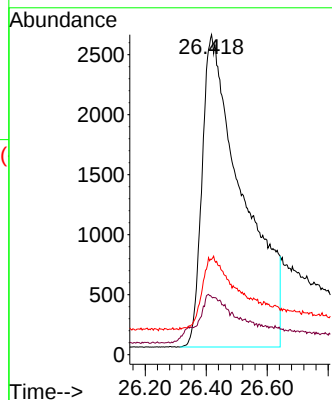
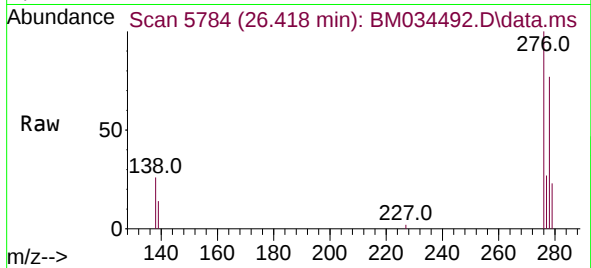




#28
Dibenzo(a,h)anthracene
Concen: 1.573 ng/ul
RT: 26.418 min Scan# 51
Delta R.T. -0.044 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

Tgt Ion:278 Resp: 24032
Ion Ratio Lower Upper
278 100
139 18.0 18.0 27.0
279 29.8 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 1.480 ng/ul
RT: 27.152 min Scan# 6003
Delta R.T. -0.017 min
Lab File: BM034492.D
Acq: 04 Apr 2022 18:10

Tgt Ion:276 Resp: 33573
Ion Ratio Lower Upper
276 100
138 21.4 17.4 26.0
277 24.6 22.6 33.8

