

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034622.D
 Acq On : 12 Apr 2022 15:07
 Operator : CG/JU
 Sample : SSTD3.227
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2027

Quant Time: Apr 12 15:37:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 12 14:58:22 2022
 Response via : Initial Calibration

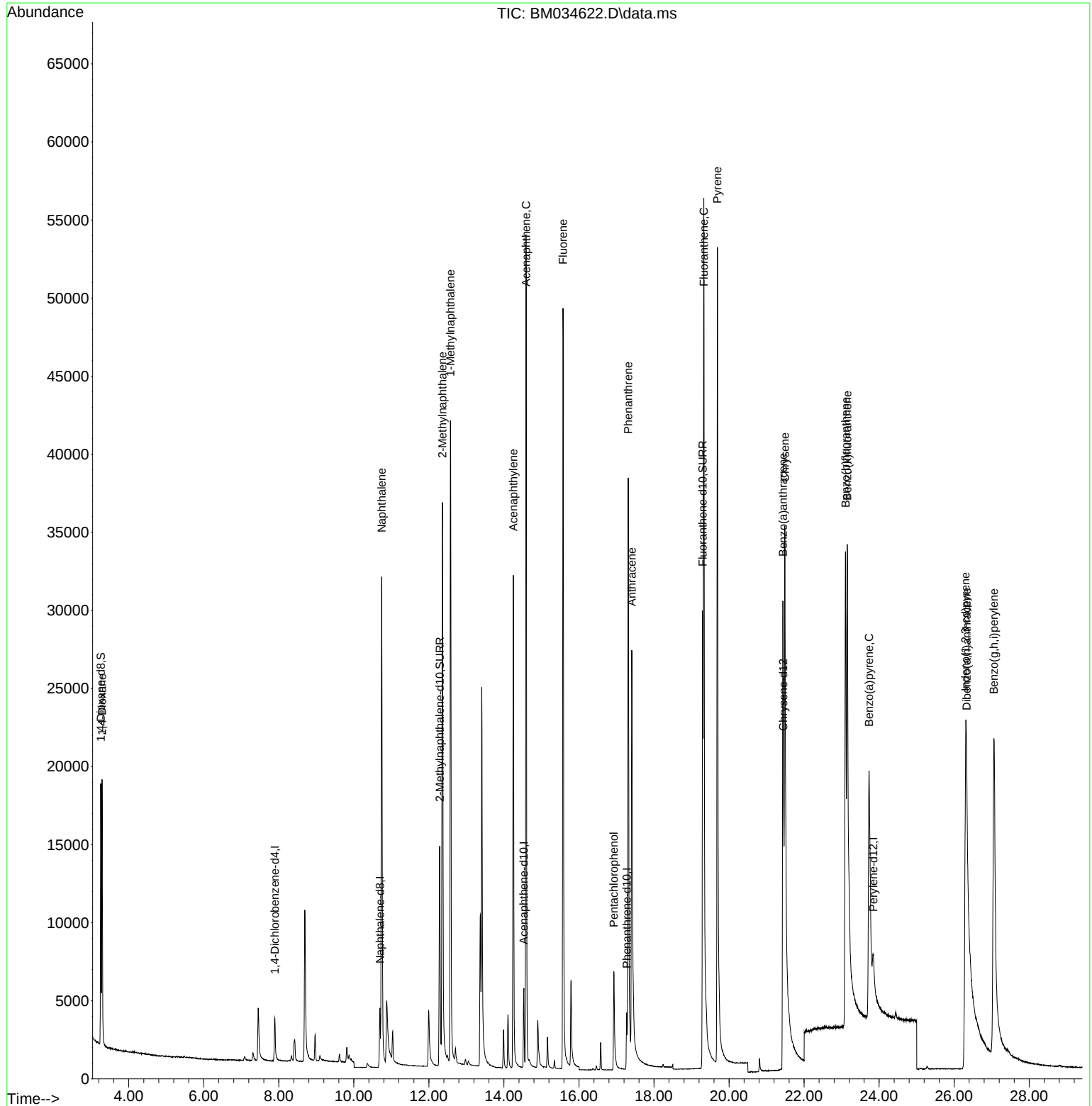
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	1996	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.694	136	5718	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.529	164	2927	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	5275	0.400	ng/ul	-0.01
17) Chrysene-d12	21.449	240	4942	0.400	ng/ul	#-0.02
23) Perylene-d12	23.843	264	4159	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	9177	2.745	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.289	152	22756	3.031	ng/ul	-0.02
18) Fluoranthene-d10	19.294	212	40583	2.799	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	9293	2.787	ng/ul#	79
5) Naphthalene	10.743	128	48643	2.720	ng/ul#	87
7) 2-Methylnaphthalene	12.360	142	30724	3.149	ng/ul	100
8) 1-Methylnaphthalene	12.575	142	30513	3.108	ng/ul	100
10) Acenaphthylene	14.247	152	40673	3.003	ng/ul#	89
11) Acenaphthene	14.589	153	32210	2.937	ng/ul	95
12) Fluorene	15.575	166	35311	3.124	ng/ul#	97
14) Pentachlorophenol	16.930	266	5846	2.614	ng/ul	98
15) Phenanthrene	17.314	178	49983	2.918	ng/ul	93
16) Anthracene	17.407	178	43187	3.320	ng/ul#	91
19) Fluoranthene	19.327	202	58225	2.807	ng/ul	97
20) Pyrene	19.689	202	63143	2.605	ng/ul	99
21) Benzo(a)anthracene	21.434	228	38857	3.613	ng/ul	96
22) Chrysene	21.487	228	44448	3.497	ng/ul	96
24) Benzo(b)fluoranthene	23.103	252	41723	3.066	ng/ul	87
25) Benzo(k)fluoranthene	23.150	252	56402	4.648	ng/ul#	85
26) Benzo(a)pyrene	23.732	252	50372	3.171	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.305	276	67677	3.541	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.332	278	49701	3.573	ng/ul#	85
29) Benzo(g,h,i)perylene	27.059	276	67737	3.271	ng/ul	95

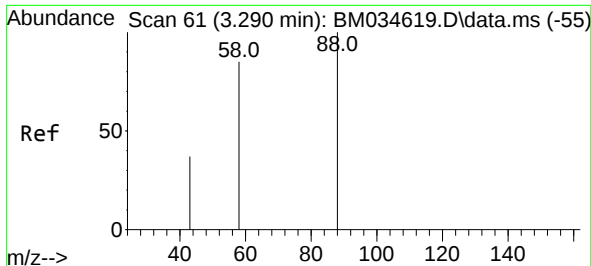
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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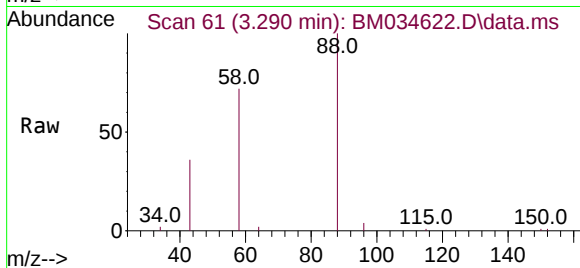
Quant Time: Apr 12 15:37:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 14:58:22 2022
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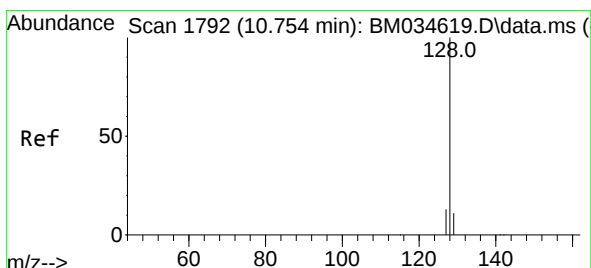
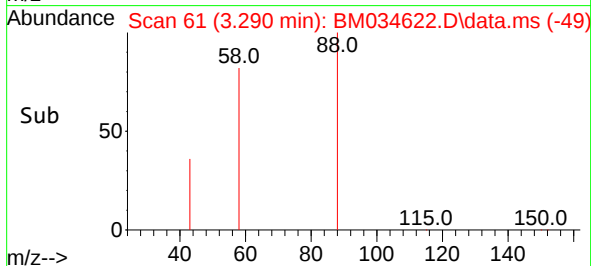
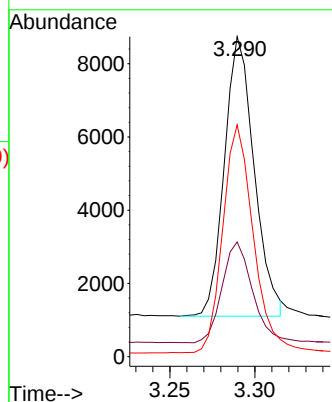


#2
1,4-Dioxane
Concen: 2.787 ng/ul
RT: 3.290 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

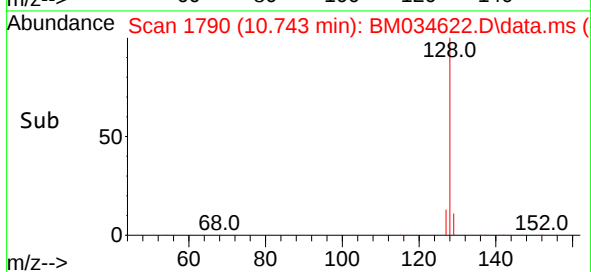
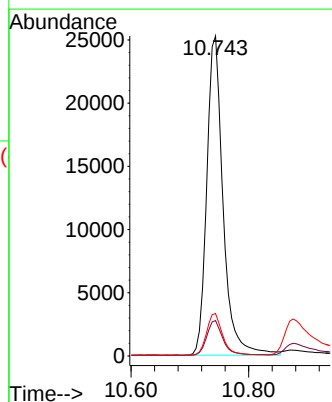
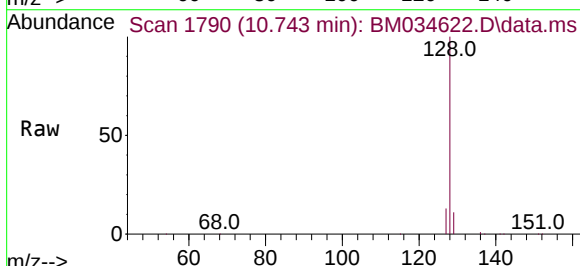


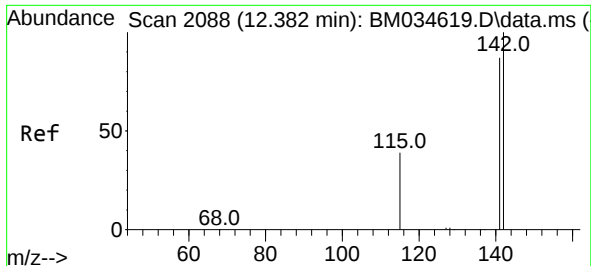
Tgt Ion: 88 Resp: 9293
Ion Ratio Lower Upper
88 100
43 35.8 49.7 74.5#
58 72.5 52.5 78.7



#5
Naphthalene
Concen: 2.720 ng/ul
RT: 10.743 min Scan# 1790
Delta R.T. -0.011 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

Tgt Ion: 128 Resp: 48643
Ion Ratio Lower Upper
128 100
129 11.0 13.4 20.2#
127 13.3 15.2 22.8#

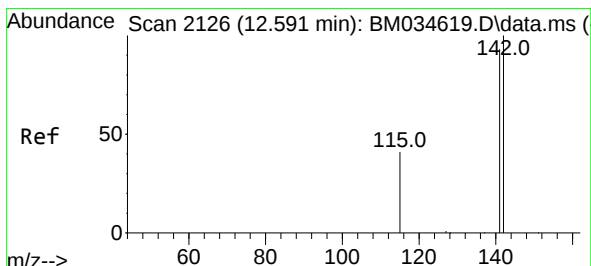
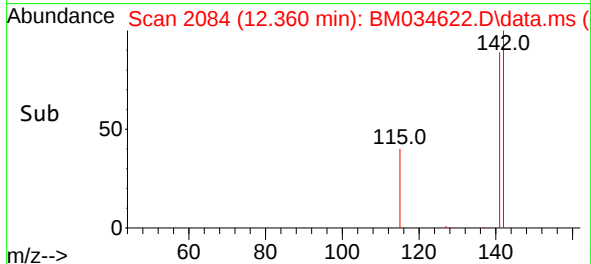
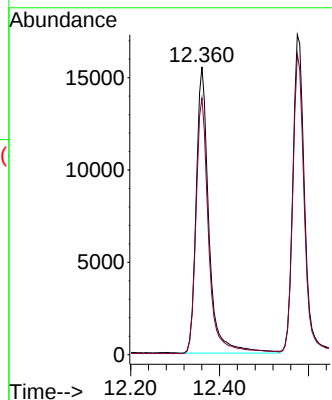
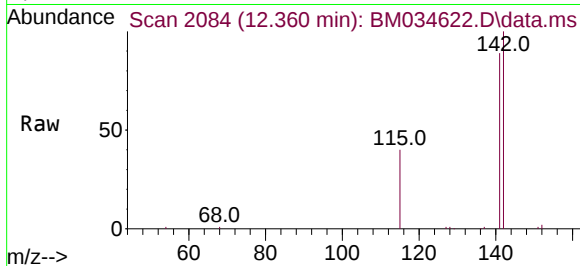




#7
2-Methylnaphthalene
Concen: 3.149 ng/ul
RT: 12.360 min Scan# 2088
Delta R.T. -0.022 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

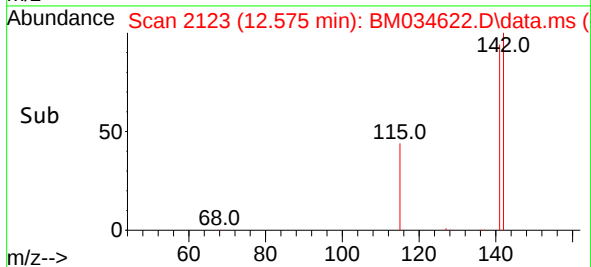
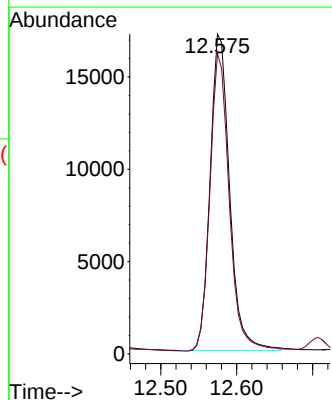
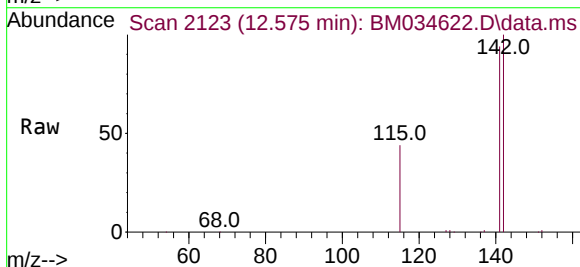
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

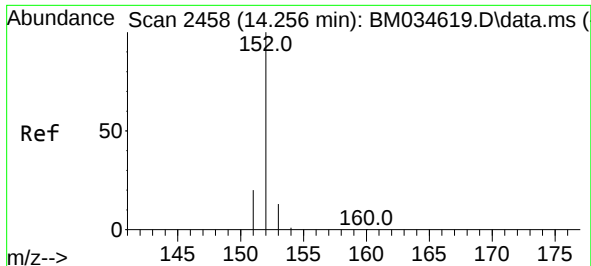
Tgt Ion:142 Resp: 30724
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.6



#8
1-Methylnaphthalene
Concen: 3.108 ng/ul
RT: 12.575 min Scan# 2123
Delta R.T. -0.016 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

Tgt Ion:142 Resp: 30513
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4

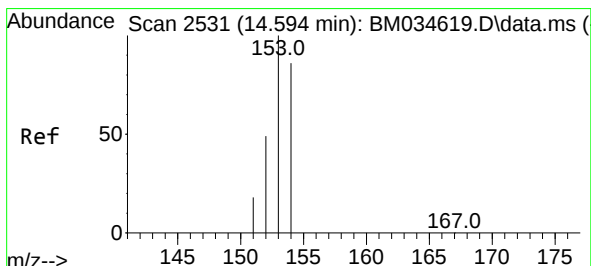
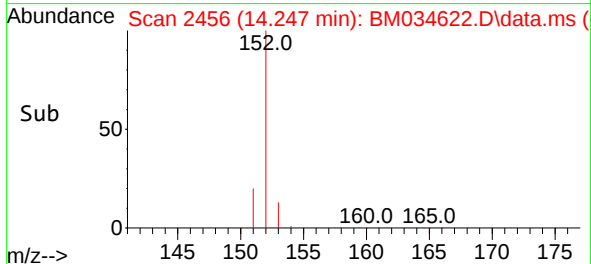
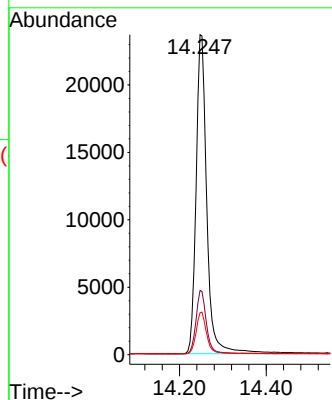
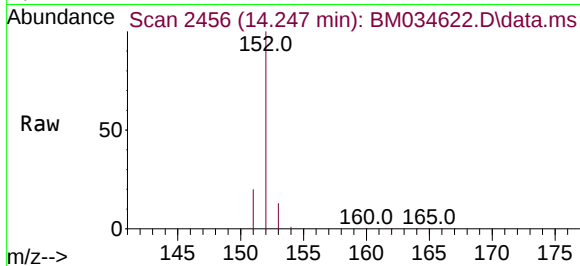




#10
Acenaphthylene
Concen: 3.003 ng/u1
RT: 14.247 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

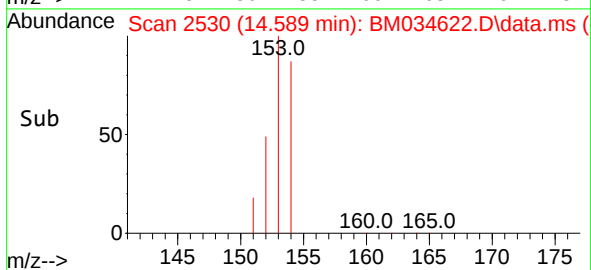
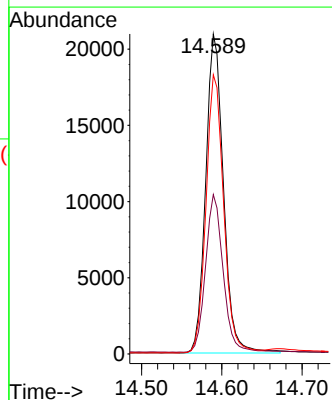
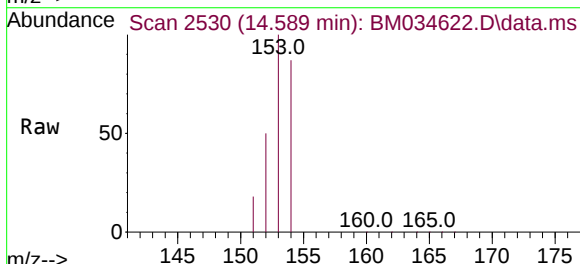
Instrument :
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ClientSampleId :
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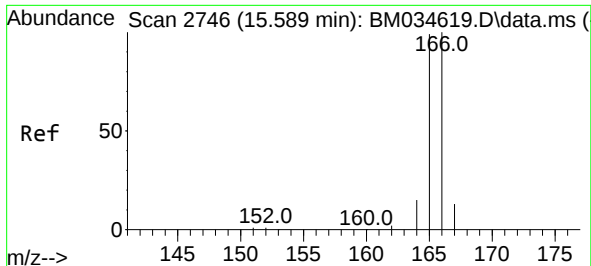
Tgt Ion:152 Resp: 40673
Ion Ratio Lower Upper
152 100
151 20.0 19.9 29.9
153 13.1 15.0 22.4#



#11
Acenaphthene
Concen: 2.937 ng/u1
RT: 14.589 min Scan# 2530
Delta R.T. -0.005 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

Tgt Ion:153 Resp: 32210
Ion Ratio Lower Upper
153 100
152 49.8 42.4 63.6
154 87.2 66.2 99.2

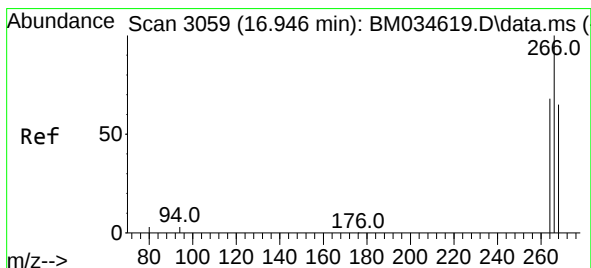
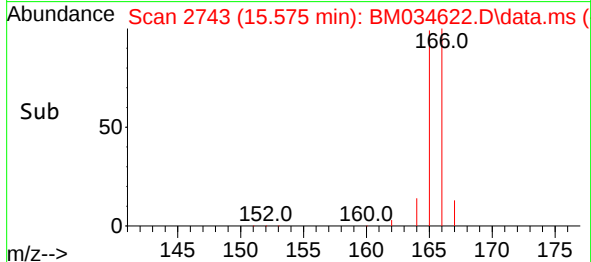
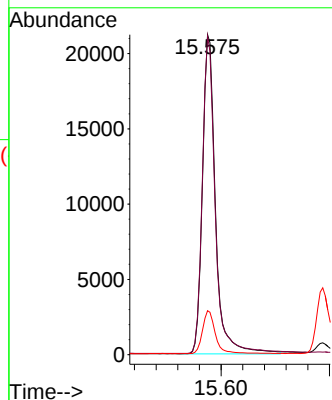
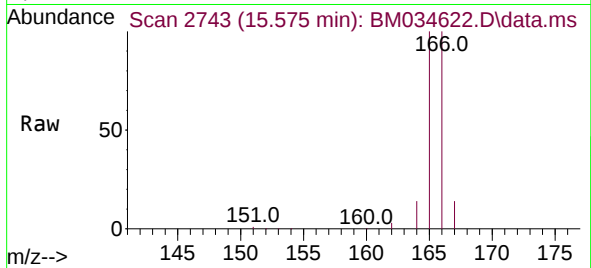




#12
Fluorene
Concen: 3.124 ng/ul
RT: 15.575 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

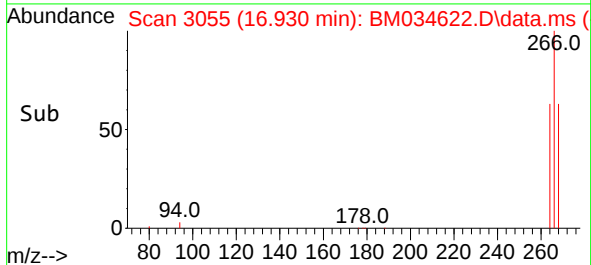
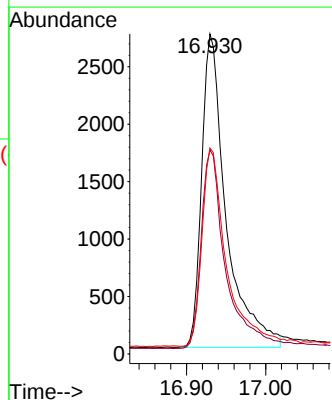
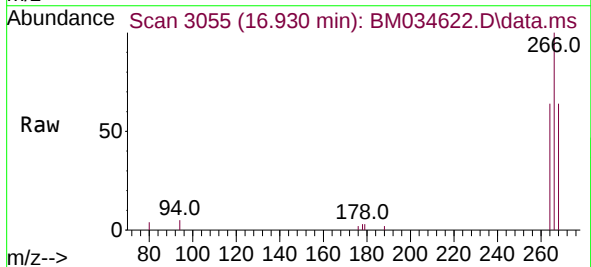
Instrument :
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ClientSampleId :
SSTD3.2027

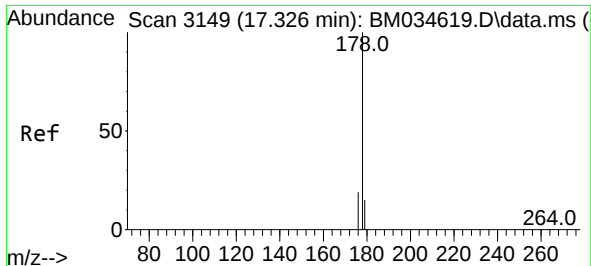
Tgt Ion:166 Resp: 35311
Ion Ratio Lower Upper
166 100
165 99.6 81.1 121.7
167 13.8 14.9 22.3#



#14
Pentachlorophenol
Concen: 2.614 ng/ul
RT: 16.930 min Scan# 3055
Delta R.T. -0.017 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

Tgt Ion:266 Resp: 5846
Ion Ratio Lower Upper
266 100
264 63.3 51.4 77.0
268 63.9 53.1 79.7

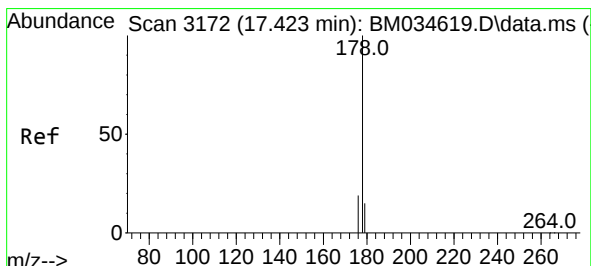
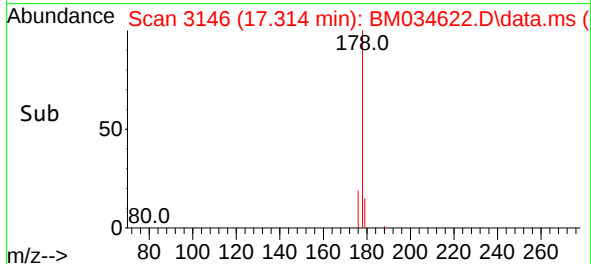
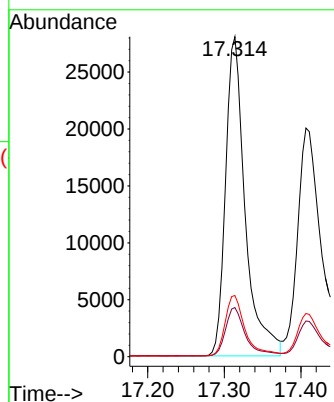
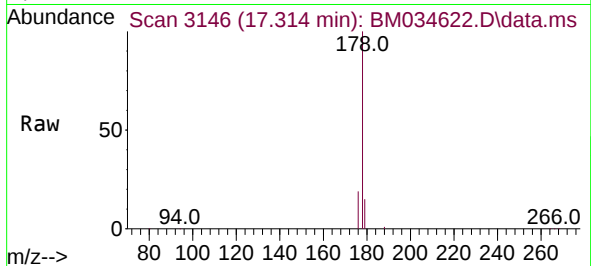




#15
Phenanthrene
Concen: 2.918 ng/ul
RT: 17.314 min Scan# 3146
Delta R.T. -0.013 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

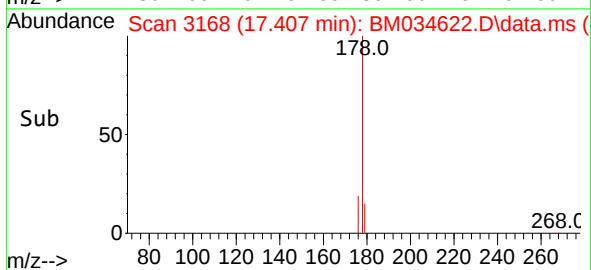
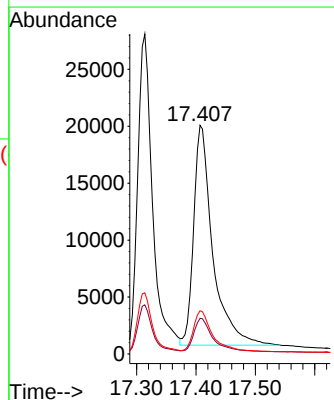
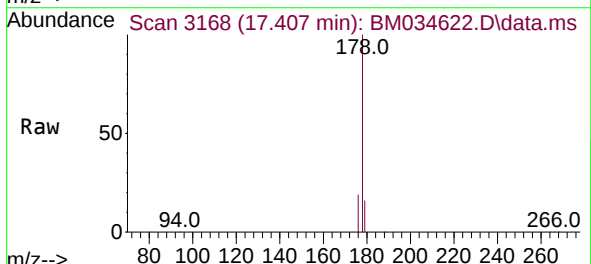
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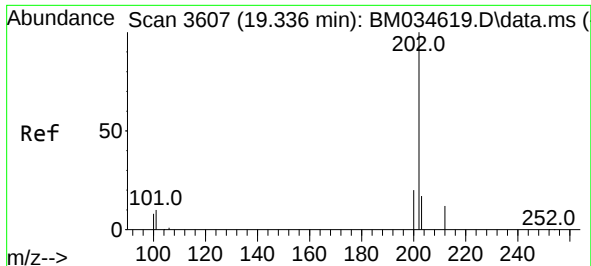
Tgt Ion:178 Resp: 49983
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 19.1 17.9 26.9



#16
Anthracene
Concen: 3.320 ng/ul
RT: 17.407 min Scan# 3168
Delta R.T. -0.017 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

Tgt Ion:178 Resp: 43187
Ion Ratio Lower Upper
178 100
179 15.6 16.5 24.7#
176 18.9 18.3 27.5

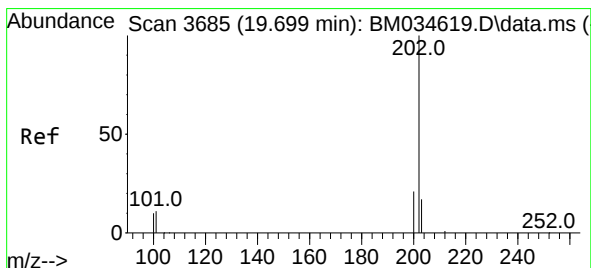
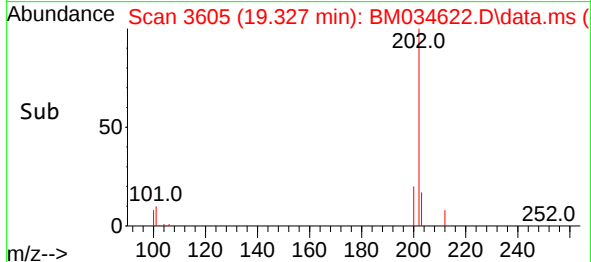
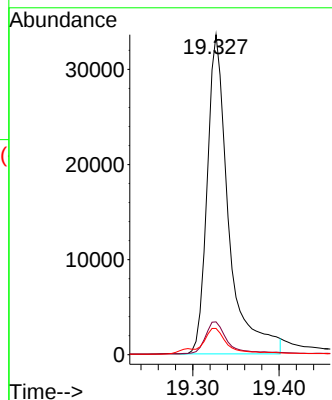
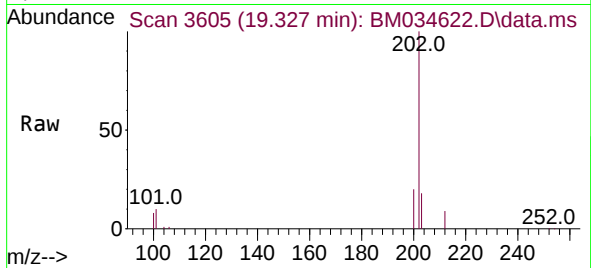




#19
Fluoranthene
Concen: 2.807 ng/u1
RT: 19.327 min Scan# 3605
Delta R.T. -0.009 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

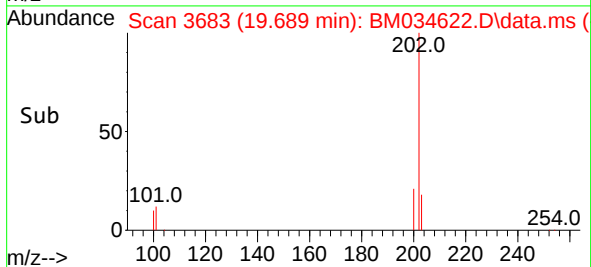
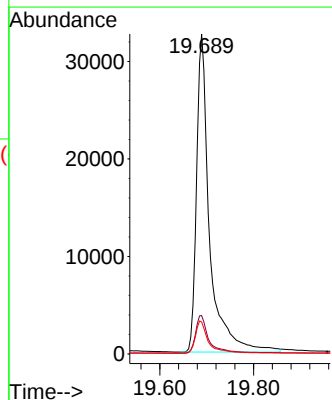
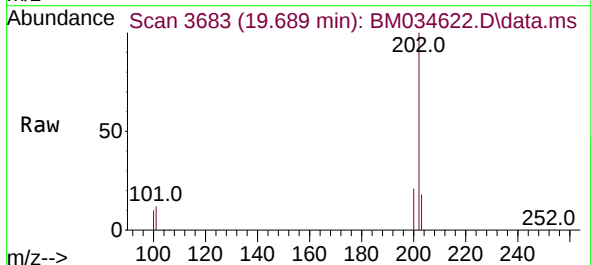
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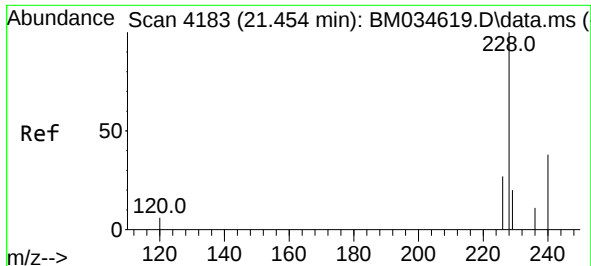
Tgt Ion:202 Resp: 58225
Ion Ratio Lower Upper
202 100
101 10.2 9.2 13.8
100 8.2 7.2 10.8



#20
Pyrene
Concen: 2.605 ng/u1
RT: 19.689 min Scan# 3683
Delta R.T. -0.009 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

Tgt Ion:202 Resp: 63143
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 10.0 7.8 11.6

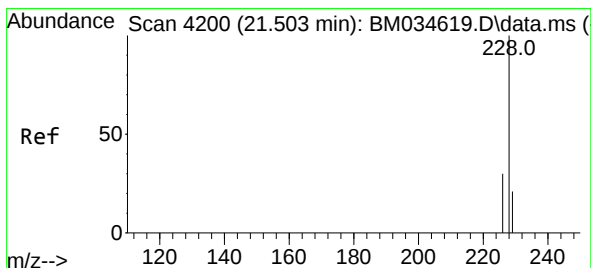
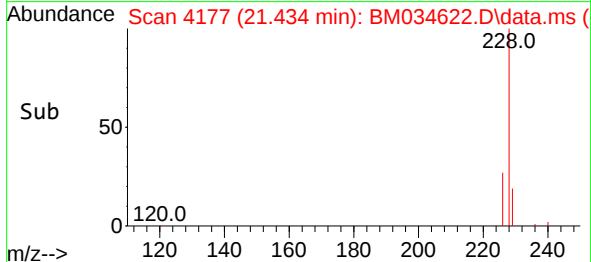
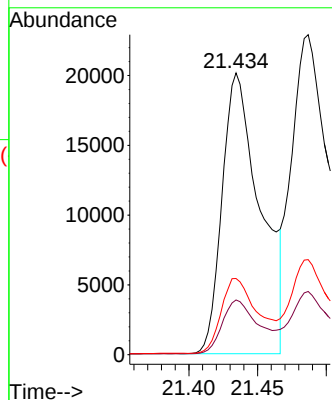
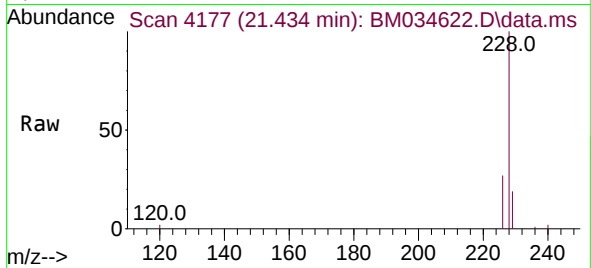




#21
Benzo(a)anthracene
Concen: 3.613 ng/ul
RT: 21.434 min Scan# 4183
Delta R.T. -0.019 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

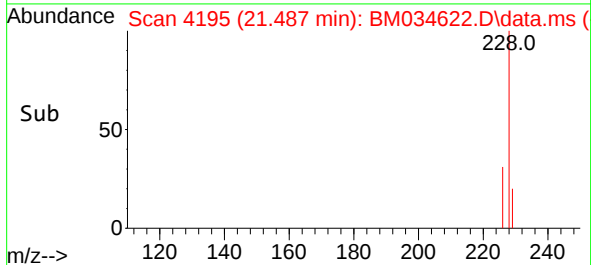
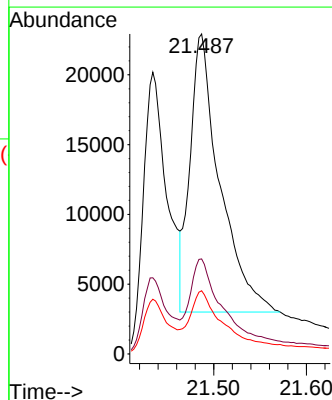
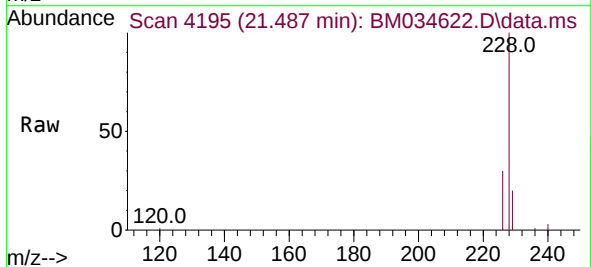
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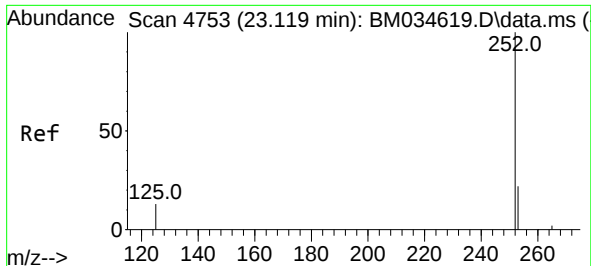
Tgt Ion:228 Resp: 38857
Ion Ratio Lower Upper
228 100
229 19.4 17.3 25.9
226 27.0 23.2 34.8



#22
Chrysene
Concen: 3.497 ng/ul
RT: 21.487 min Scan# 4195
Delta R.T. -0.016 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

Tgt Ion:228 Resp: 44448
Ion Ratio Lower Upper
228 100
226 29.7 25.8 38.8
229 19.7 16.7 25.1

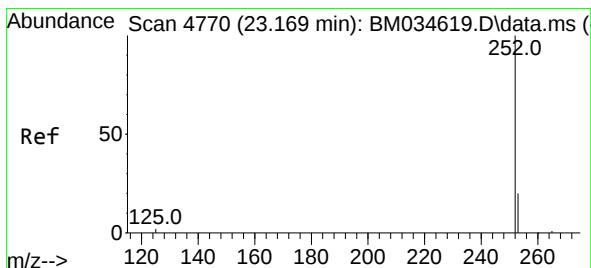
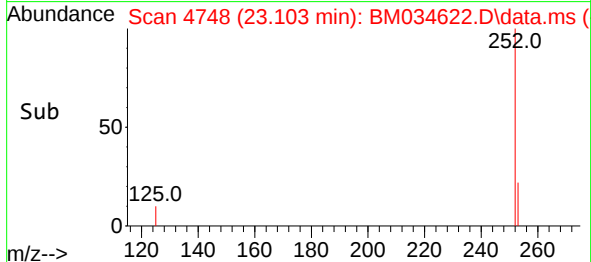
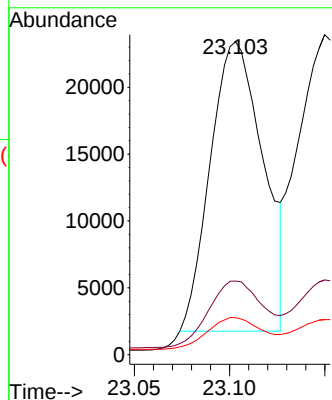
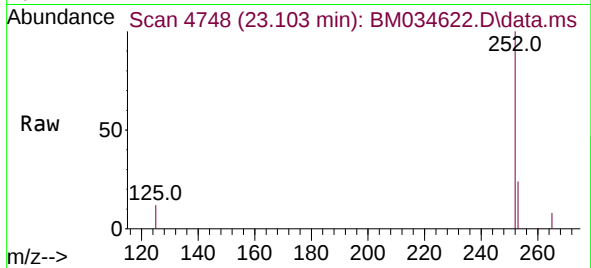




#24
Benzo(b)fluoranthene
Concen: 3.066 ng/ul
RT: 23.103 min Scan# 41
Delta R.T. -0.016 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

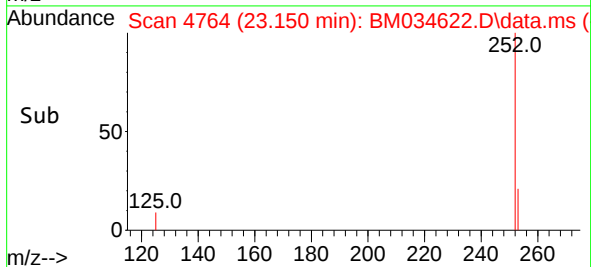
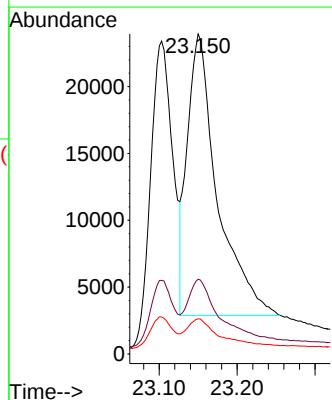
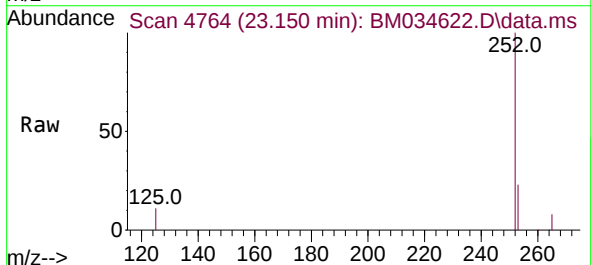
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

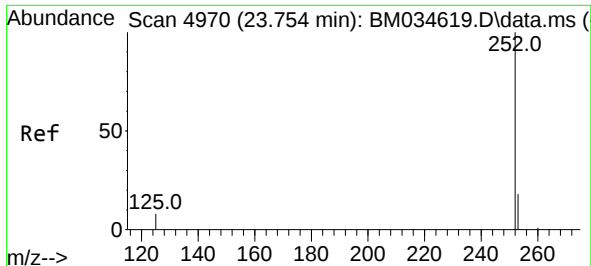
Tgt Ion:252 Resp: 41723
Ion Ratio Lower Upper
252 100
253 23.5 0.0 64.2
125 11.8 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 4.648 ng/ul
RT: 23.150 min Scan# 4764
Delta R.T. -0.019 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

Tgt Ion:252 Resp: 56402
Ion Ratio Lower Upper
252 100
253 23.3 26.8 40.2#
125 11.0 12.0 18.0#

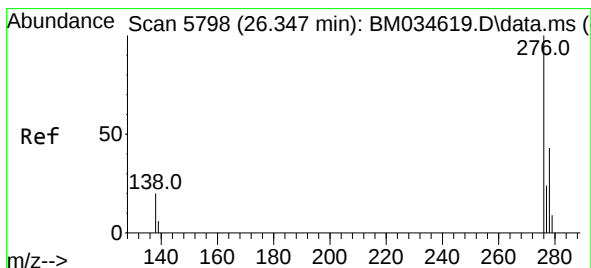
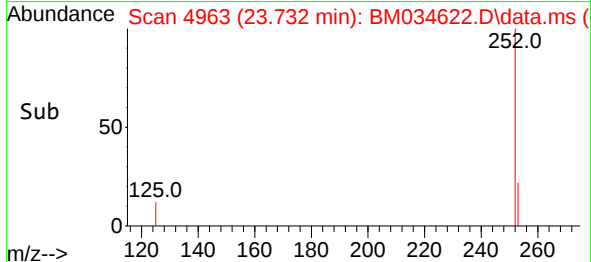
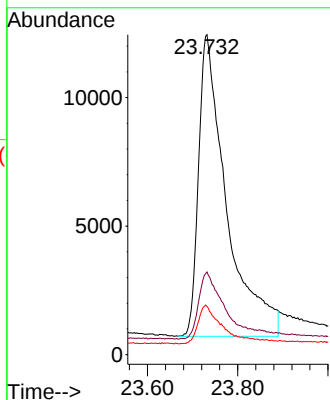
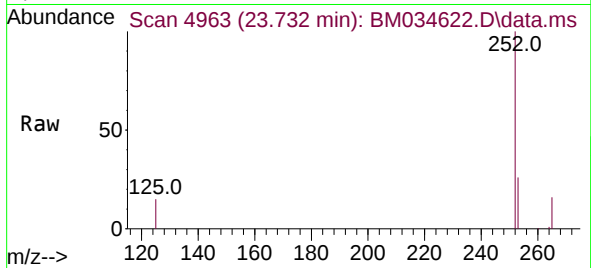




#26
Benzo(a)pyrene
Concen: 3.171 ng/ul
RT: 23.732 min Scan# 4970
Delta R.T. -0.022 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

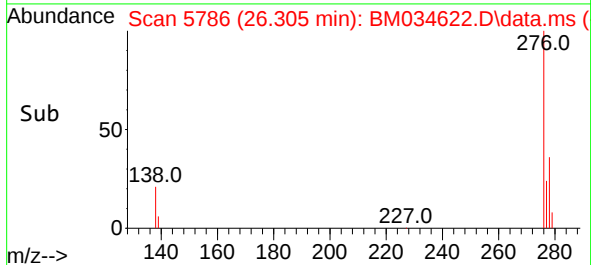
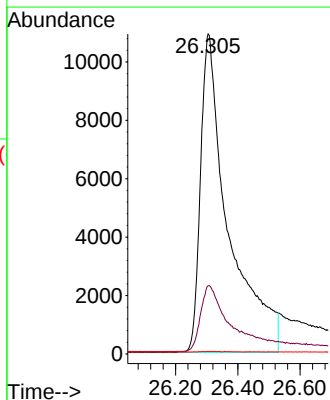
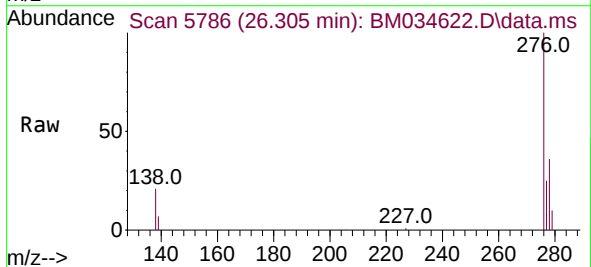
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

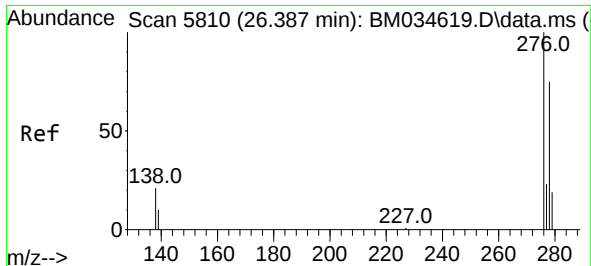
Tgt Ion:252 Resp: 50372
Ion Ratio Lower Upper
252 100
253 25.9 32.0 48.0#
125 15.1 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.541 ng/ul
RT: 26.305 min Scan# 5786
Delta R.T. -0.042 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

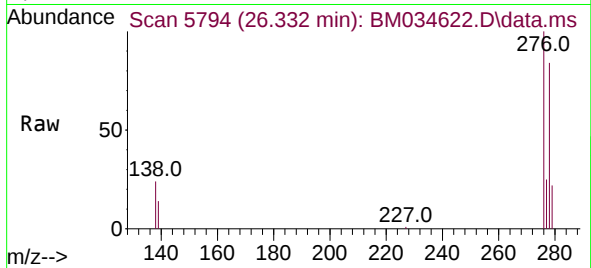
Tgt Ion:276 Resp: 67677
Ion Ratio Lower Upper
276 100
138 23.0 15.8 23.6
227 0.0 0.0 0.0#



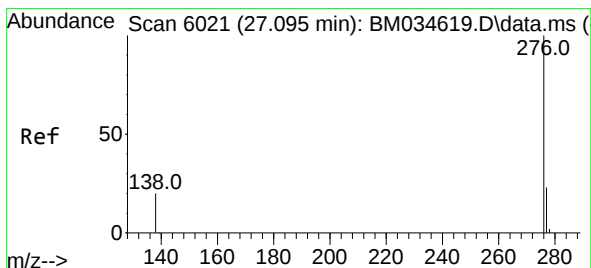
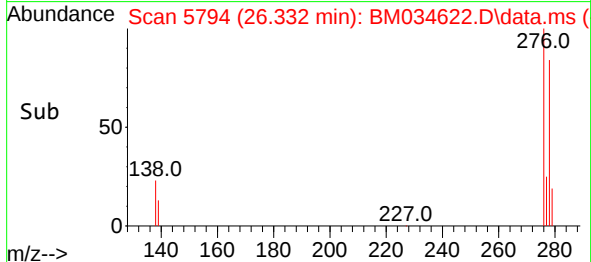
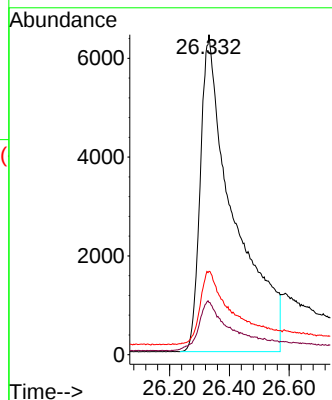


#28
Dibenzo(a,h)anthracene
Concen: 3.573 ng/ul
RT: 26.332 min Scan# 51
Delta R.T. -0.055 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027



Tgt Ion:278 Resp: 49701
Ion Ratio Lower Upper
278 100
139 16.3 18.0 27.0#
279 26.0 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 3.271 ng/ul
RT: 27.059 min Scan# 6011
Delta R.T. -0.035 min
Lab File: BM034622.D
Acq: 12 Apr 2022 15:07

Tgt Ion:276 Resp: 67737
Ion Ratio Lower Upper
276 100
138 21.1 17.4 26.0
277 24.0 22.6 33.8

