

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035638.D
 Acq On : 23 Jun 2022 23:31
 Operator : CG/JU
 Sample : PB145603BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 24 01:36:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

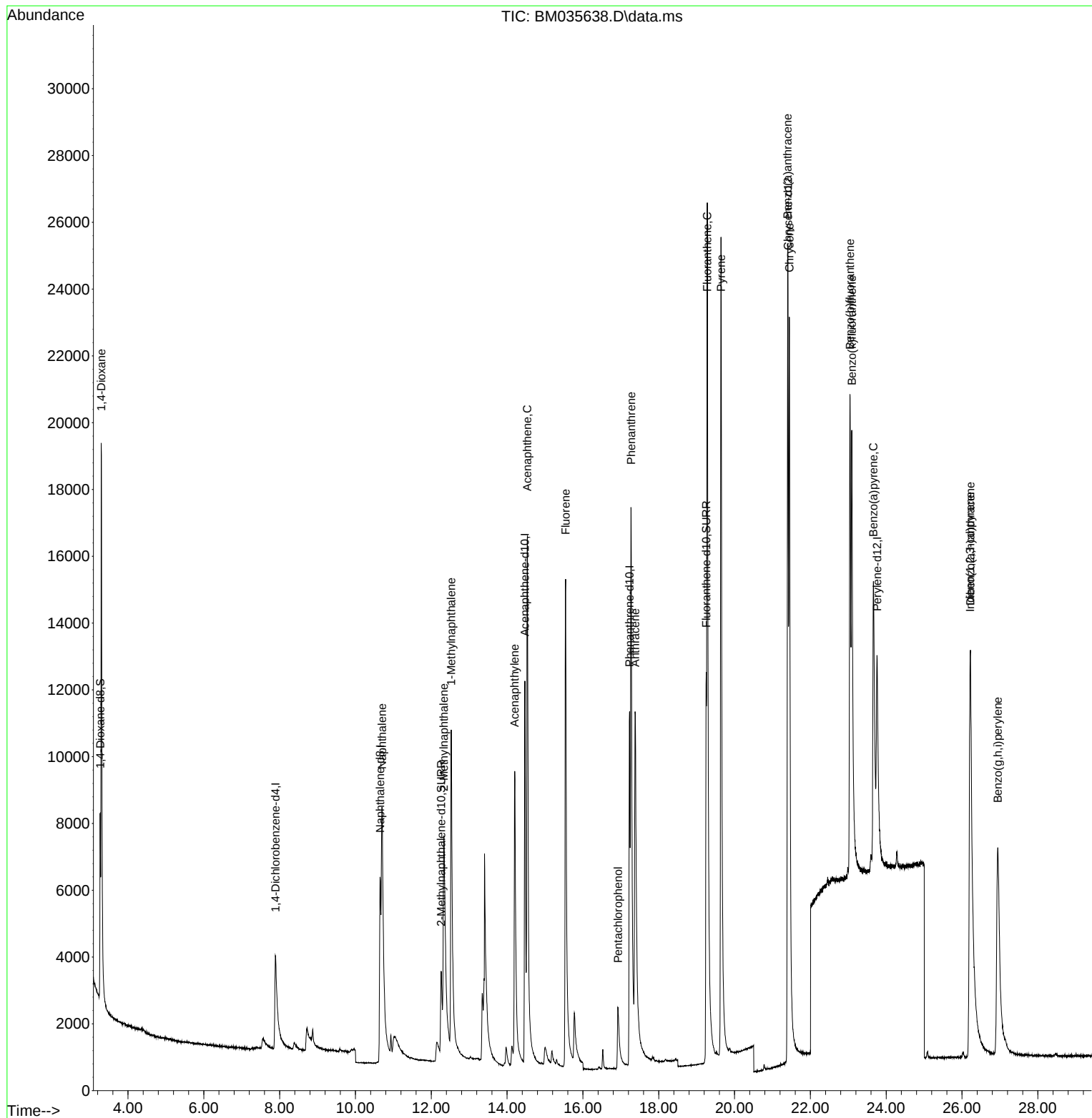
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	3868	0.400	ng/ul	0.03
4) Naphthalene-d8	10.650	136	17098	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	9045	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	19220	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	15128	0.400	ng/ul	0.00
23) Perylene-d12	23.759	264	11701	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	3838	0.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	7795	0.307	ng/ul	0.02
18) Fluoranthene-d10	19.252	212	19404	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.298	88	11665	2.153	ng/ul#	54
5) Naphthalene	10.704	128	20214	0.349	ng/ul	99
7) 2-Methylnaphthalene	12.332	142	11147	0.337	ng/ul	96
8) 1-Methylnaphthalene	12.525	142	11069	0.364	ng/ul	99
10) Acenaphthylene	14.200	152	19225	0.377	ng/ul	99
11) Acenaphthene	14.533	153	14632	0.388	ng/ul	99
12) Fluorene	15.542	166	16832	0.395	ng/ul	100
14) Pentachlorophenol	16.925	266	2787	0.756	ng/ul	98
15) Phenanthrene	17.271	178	27054	0.384	ng/ul	99
16) Anthracene	17.377	178	22992	0.373	ng/ul	99
19) Fluoranthene	19.280	202	32711	0.423	ng/ul	99
20) Pyrene	19.642	202	36440	0.449	ng/ul	99
21) Benzo(a)anthracene	21.401	228	21701	0.379	ng/ul	99
22) Chrysene	21.444	228	29439	0.433	ng/ul	99
24) Benzo(b)fluoranthene	23.043	252	23183	0.453	ng/ul	94
25) Benzo(k)fluoranthene	23.093	252	23455	0.441	ng/ul	95
26) Benzo(a)pyrene	23.663	252	23307	0.439	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.212	276	26086	0.426	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.222	278	21185	0.424	ng/ul	97
29) Benzo(g,h,i)perylene	26.943	276	23894	0.436	ng/ul	98

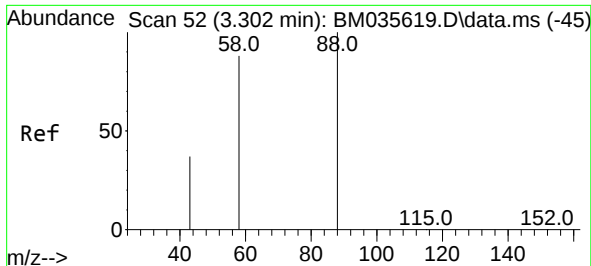
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035638.D
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Instrument :
BNA_M
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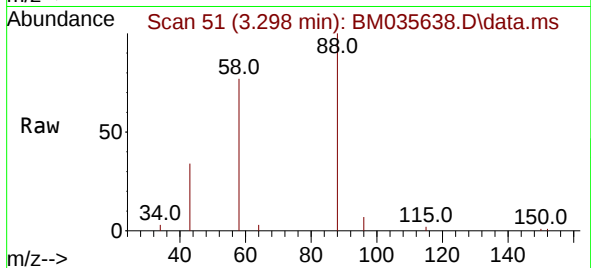
Quant Time: Jun 24 01:36:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration



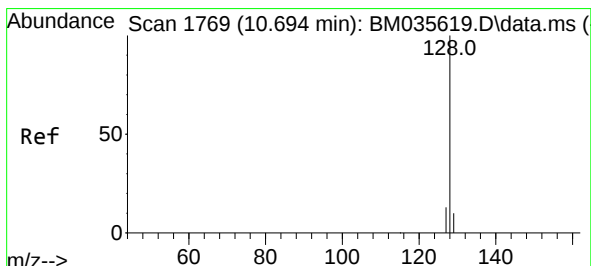
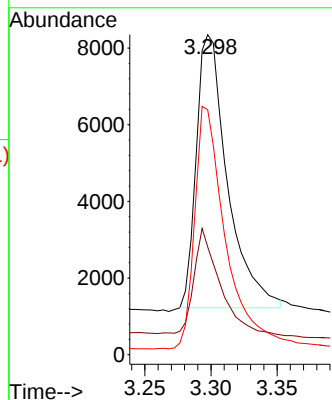
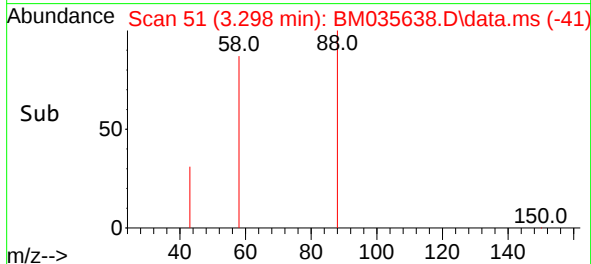


#2
1,4-Dioxane
Concen: 2.153 ng/ul
RT: 3.298 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

Instrument :
BNA_M
ClientSampleId :

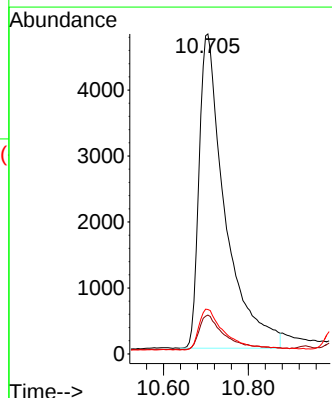
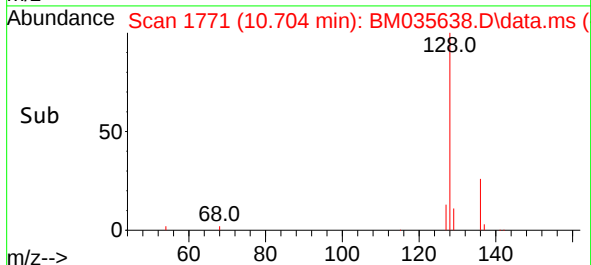
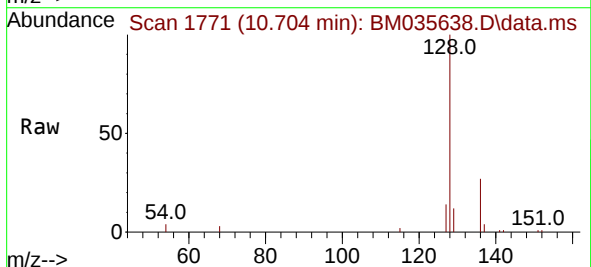


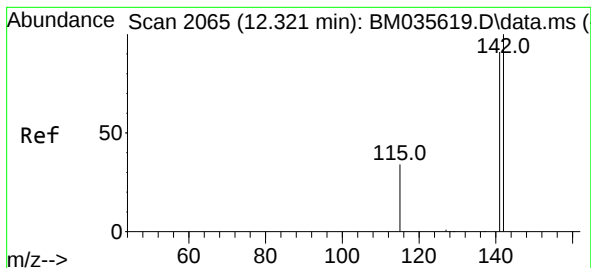
Tgt Ion: 88 Resp: 11665
Ion Ratio Lower Upper
88 100
43 33.7 70.4 105.6#
58 76.5 45.6 68.4#



#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.704 min Scan# 1771
Delta R.T. 0.011 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

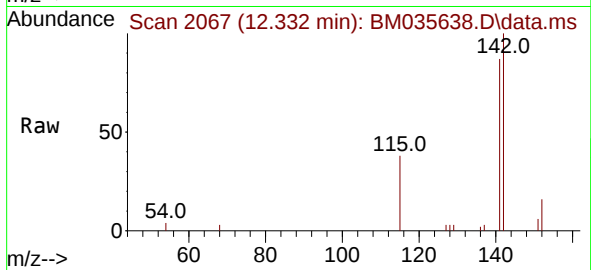
Tgt Ion: 128 Resp: 20214
Ion Ratio Lower Upper
128 100
129 12.1 10.1 15.1
127 13.9 11.4 17.2



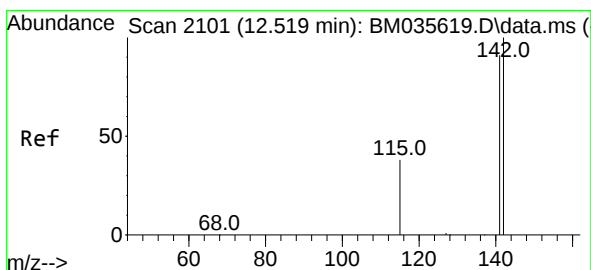
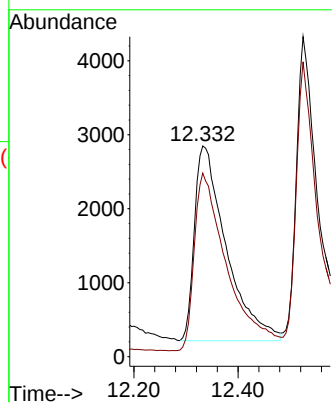
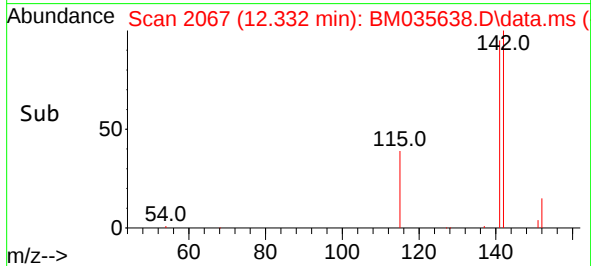


#7
2-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.332 min Scan# 2067
Delta R.T. 0.011 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

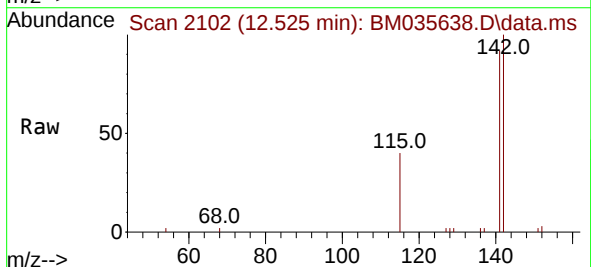
Instrument :
BNA_M
ClientSampleId :



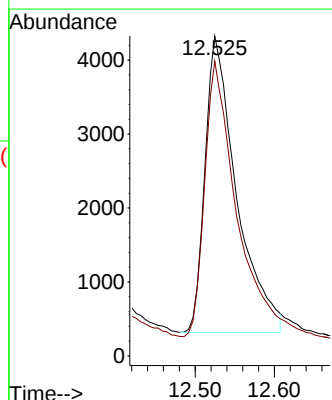
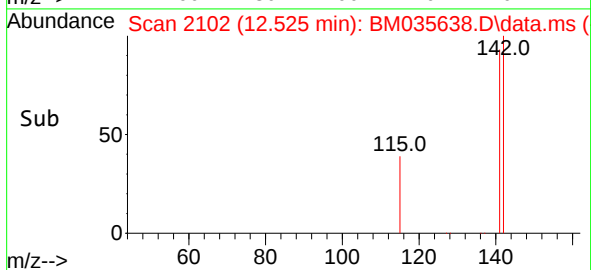
Tgt Ion:142 Resp: 11147
Ion Ratio Lower Upper
142 100
141 95.9 73.8 110.8

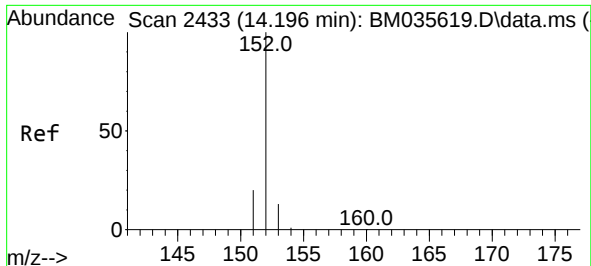


#8
1-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31



Tgt Ion:142 Resp: 11069
Ion Ratio Lower Upper
142 100
141 92.6 74.6 111.8

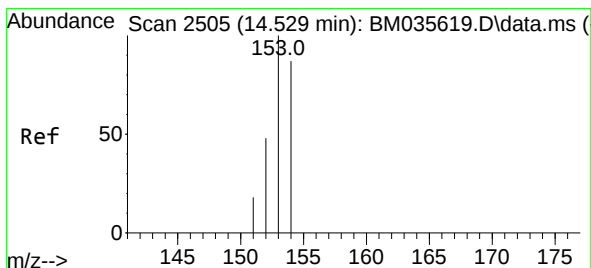
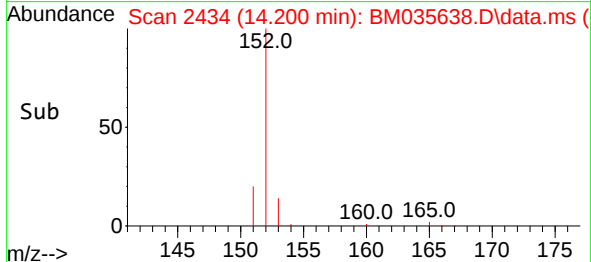
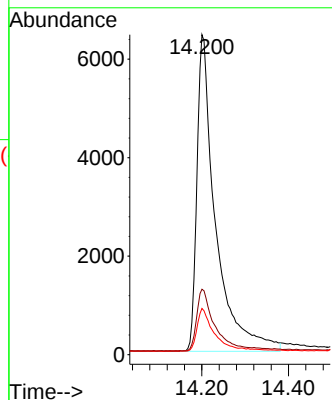
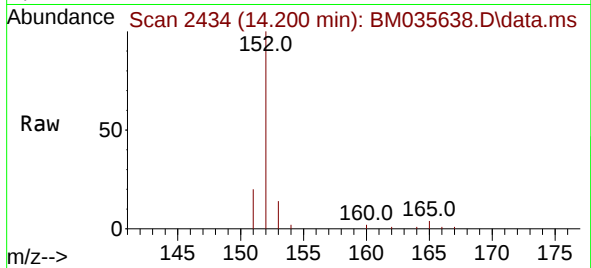




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.200 min Scan# 2433
Delta R.T. -0.001 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

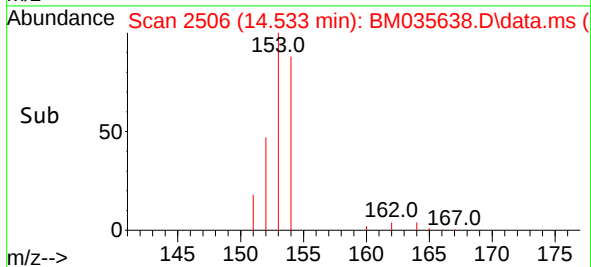
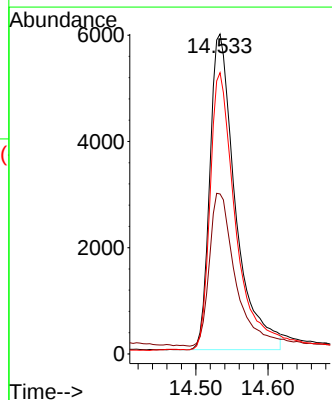
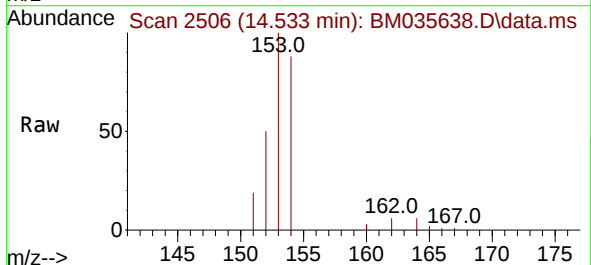
Instrument :
BNA_M
ClientSampleId :

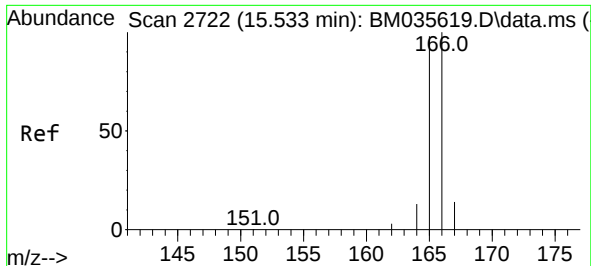
Tgt Ion:152 Resp: 19225
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 14.5 11.1 16.7



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.001 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

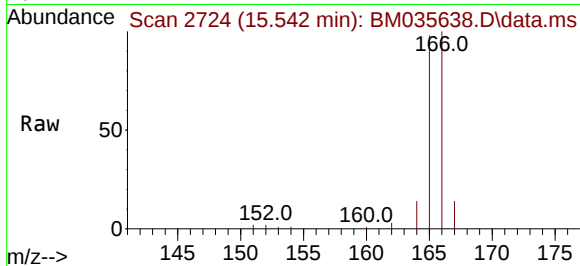
Tgt Ion:153 Resp: 14632
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 87.9 69.1 103.7



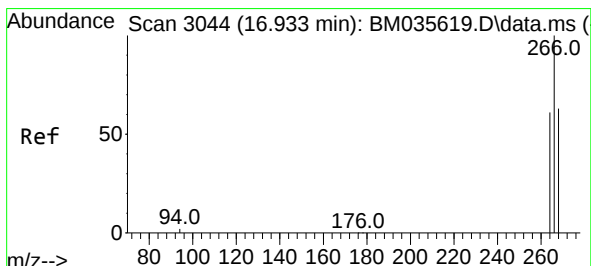
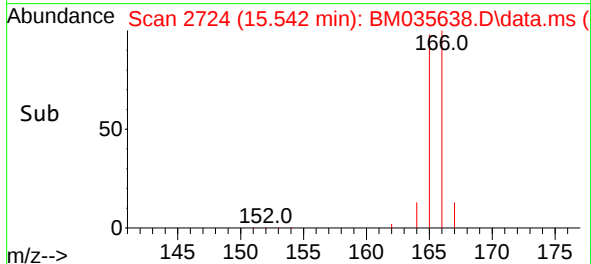
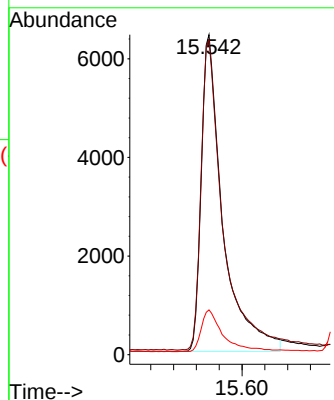


#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.542 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

Instrument :
BNA_M
ClientSampleId :

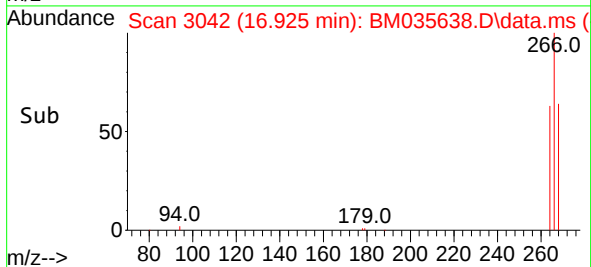
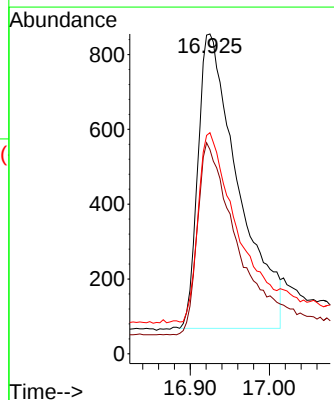
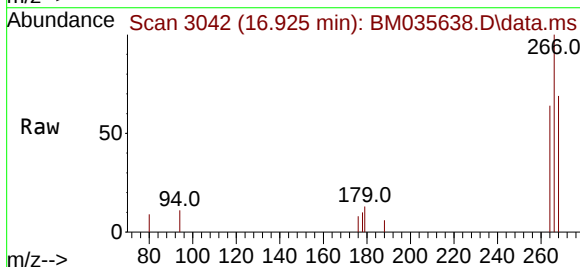


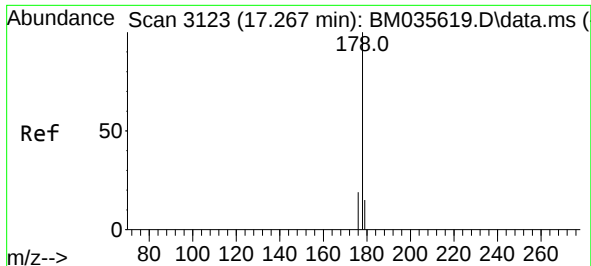
Tgt Ion:166 Resp: 16832
Ion Ratio Lower Upper
166 100
165 98.3 78.7 118.1
167 14.0 11.6 17.4



#14
Pentachlorophenol
Concen: 0.756 ng/ul
RT: 16.925 min Scan# 3042
Delta R.T. -0.005 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

Tgt Ion:266 Resp: 2787
Ion Ratio Lower Upper
266 100
264 62.6 51.0 76.4
268 62.5 51.7 77.5

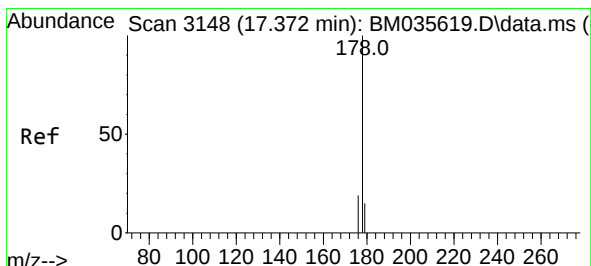
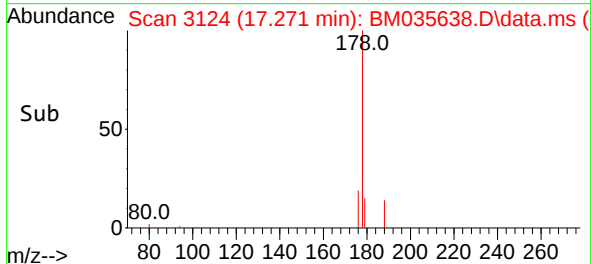
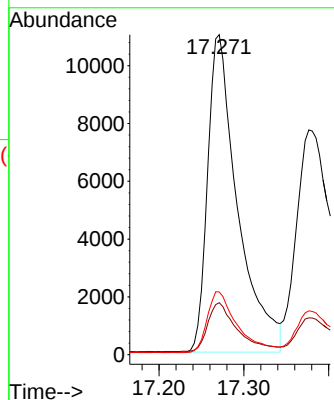
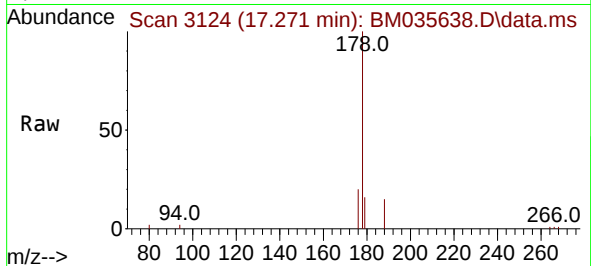




#15
Phenanthrene
Concen: 0.384 ng/u1
RT: 17.271 min Scan# 3123
Delta R.T. -0.001 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

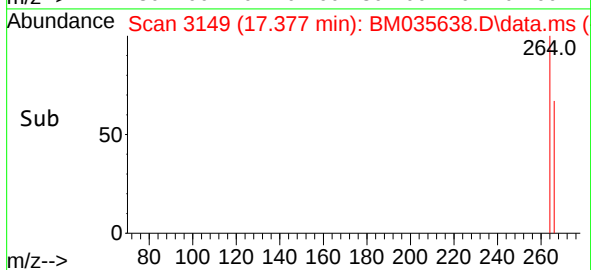
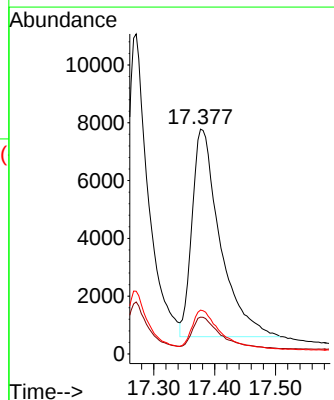
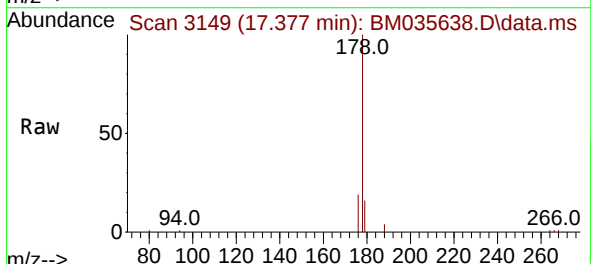
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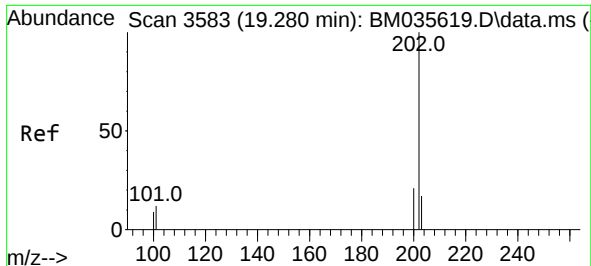
Tgt Ion:178 Resp: 27054
Ion Ratio Lower Upper
178 100
179 16.3 13.2 19.8
176 19.6 16.2 24.4



#16
Anthracene
Concen: 0.373 ng/u1
RT: 17.377 min Scan# 3149
Delta R.T. 0.003 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

Tgt Ion:178 Resp: 22992
Ion Ratio Lower Upper
178 100
179 16.4 13.4 20.0
176 19.5 15.9 23.9

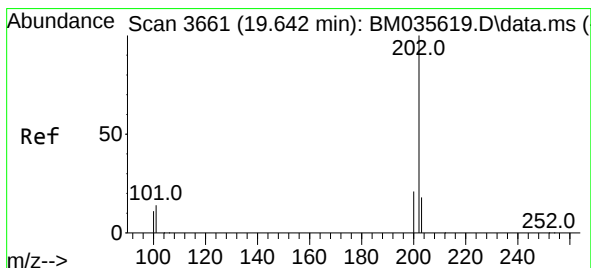
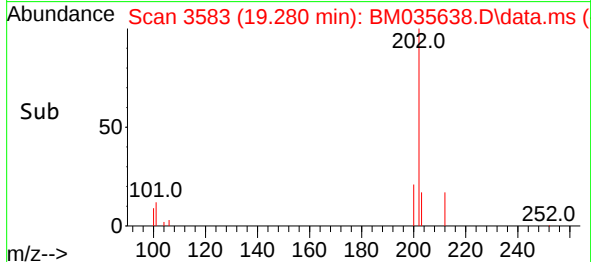
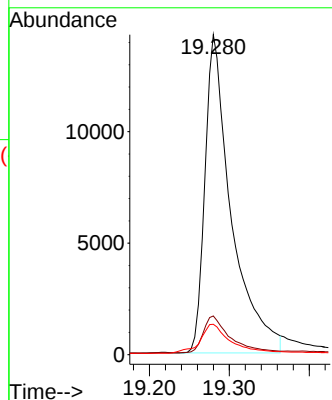
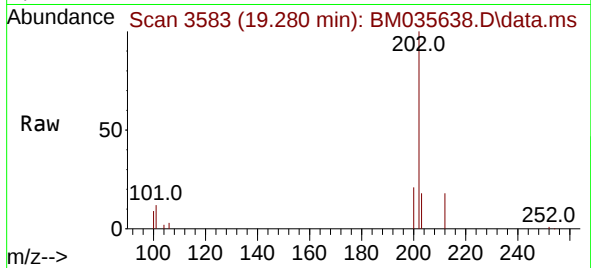




#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.280 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

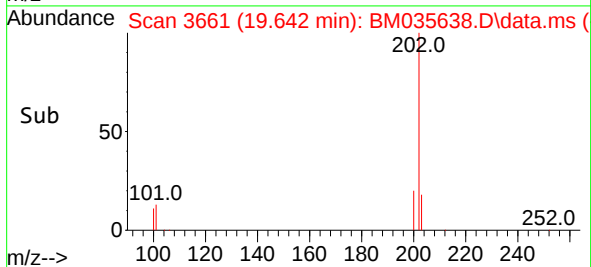
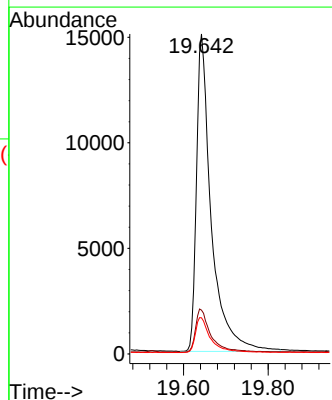
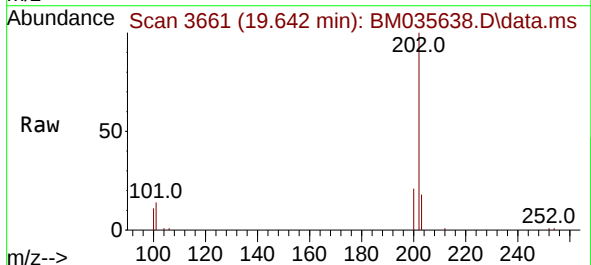
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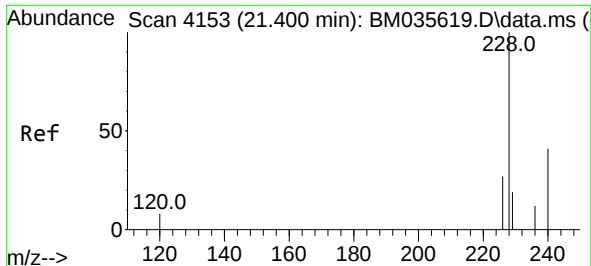
Tgt Ion:202 Resp: 32711
Ion Ratio Lower Upper
202 100
101 12.1 10.0 15.0
100 9.5 7.5 11.3



#20
Pyrene
Concen: 0.449 ng/ul
RT: 19.642 min Scan# 3661
Delta R.T. -0.006 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

Tgt Ion:202 Resp: 36440
Ion Ratio Lower Upper
202 100
101 13.7 11.6 17.4
100 11.3 9.3 13.9

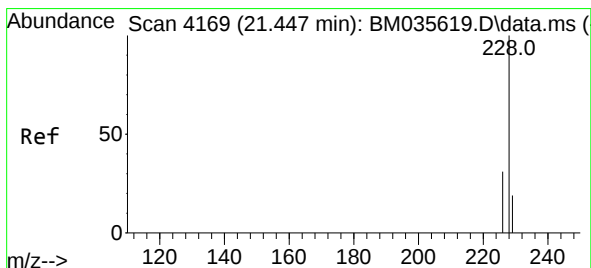
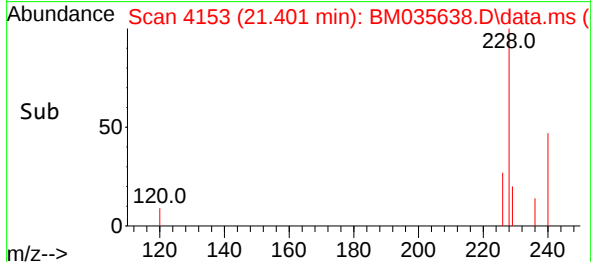
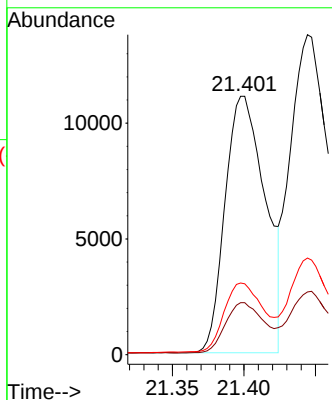
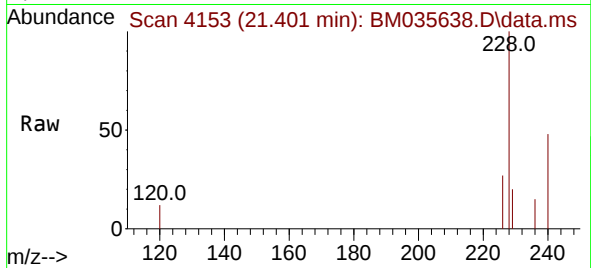




#21
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.401 min Scan# 4153
Delta R.T. 0.001 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

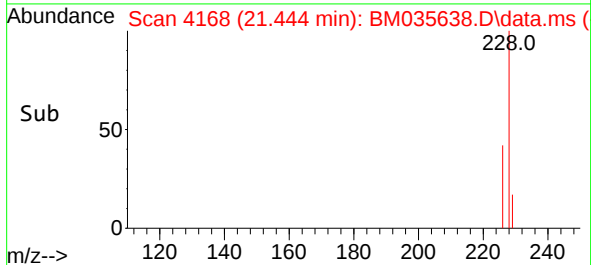
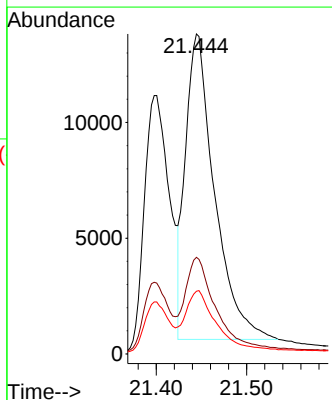
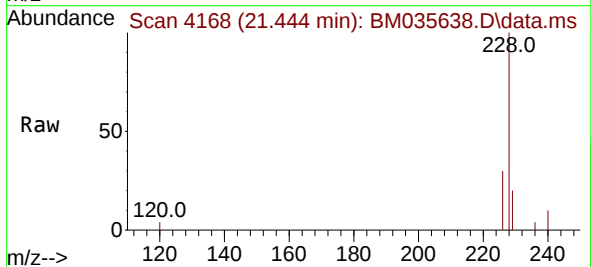
Instrument :
BNA_M
ClientSampleId :

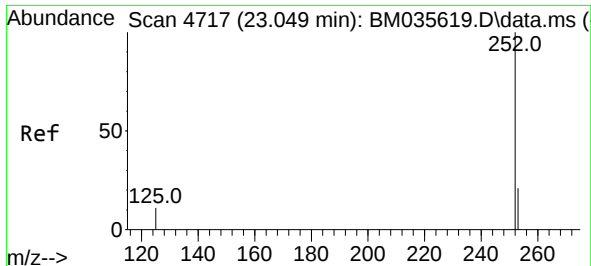
Tgt Ion:228 Resp: 21701
Ion Ratio Lower Upper
228 100
229 20.1 16.2 24.2
226 27.4 22.3 33.5



#22
Chrysene
Concen: 0.433 ng/ul
RT: 21.444 min Scan# 4168
Delta R.T. -0.005 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

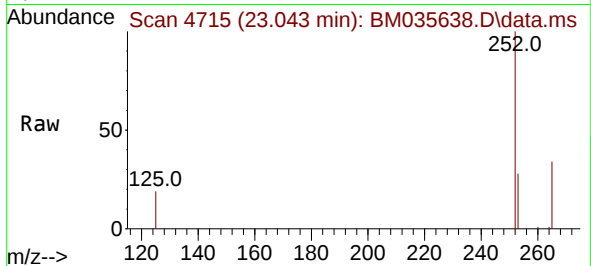
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Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 19.6 15.8 23.8



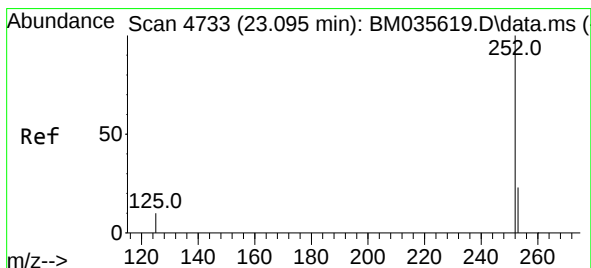
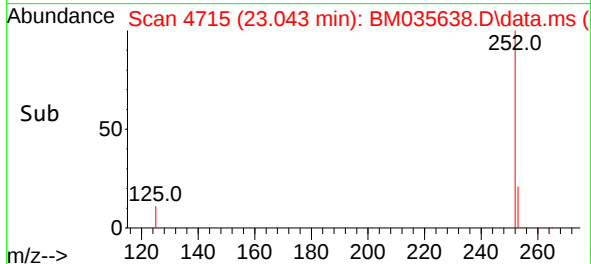
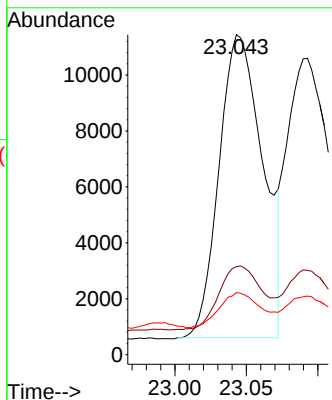


#24
Benzo(b)fluoranthene
Concen: 0.453 ng/ul
RT: 23.043 min Scan# 4715
Delta R.T. -0.008 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

Instrument :
BNA_M
ClientSampleId :

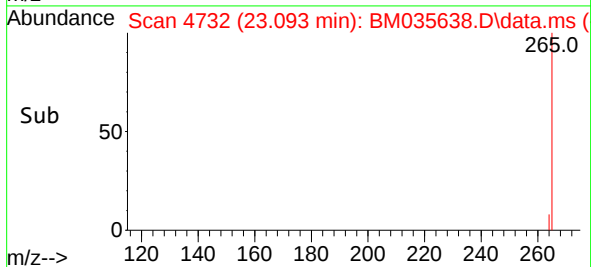
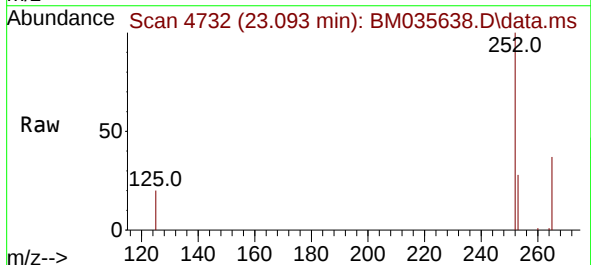
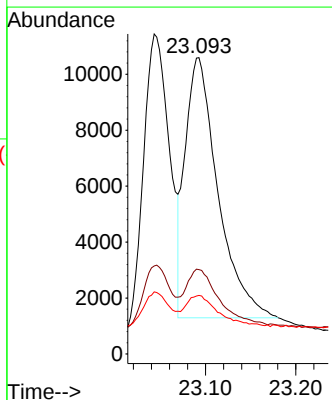


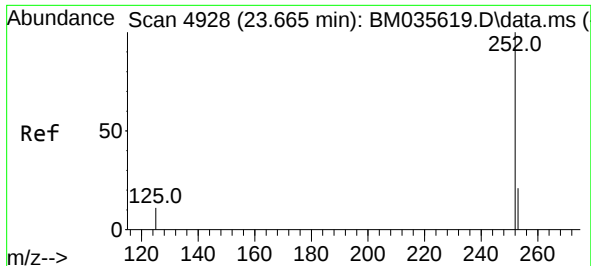
Tgt Ion:252 Resp: 23183
Ion Ratio Lower Upper
252 100
253 27.5 0.0 60.6
125 19.4 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.441 ng/ul
RT: 23.093 min Scan# 4732
Delta R.T. -0.005 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

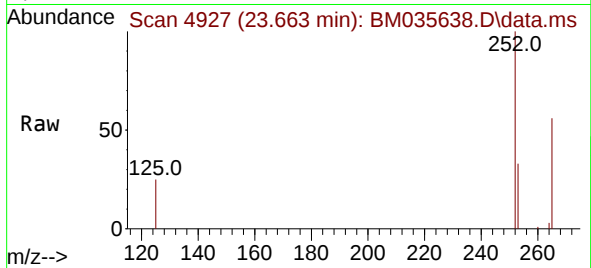
Tgt Ion:252 Resp: 23455
Ion Ratio Lower Upper
252 100
253 28.5 24.7 37.1
125 19.8 18.2 27.4



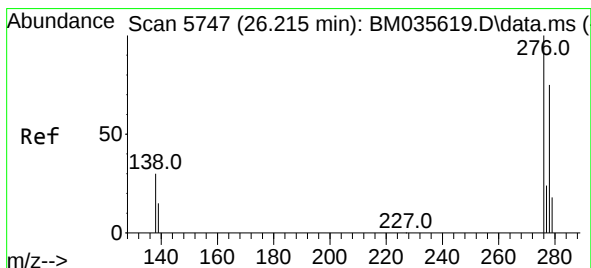
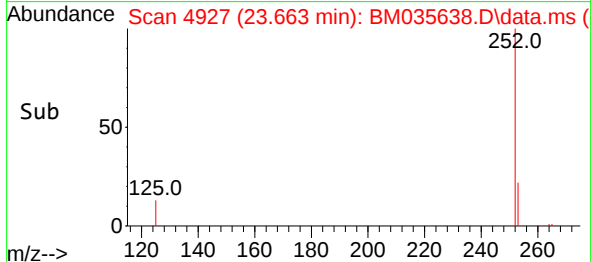
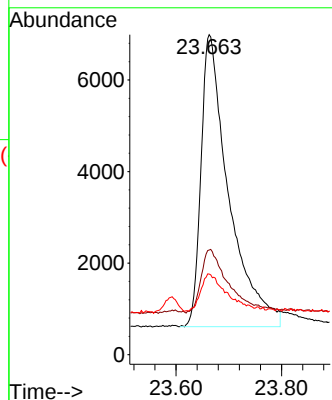


#26
Benzo(a)pyrene
Concen: 0.439 ng/ul
RT: 23.663 min Scan# 4928
Delta R.T. -0.005 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

Instrument :
BNA_M
ClientSampleId :

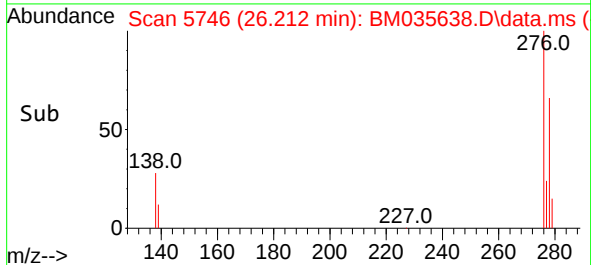
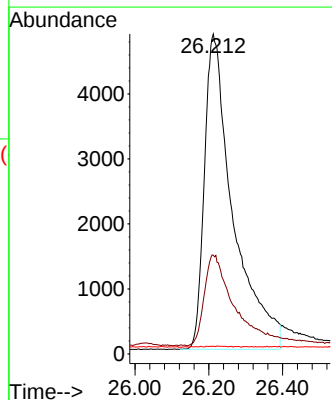
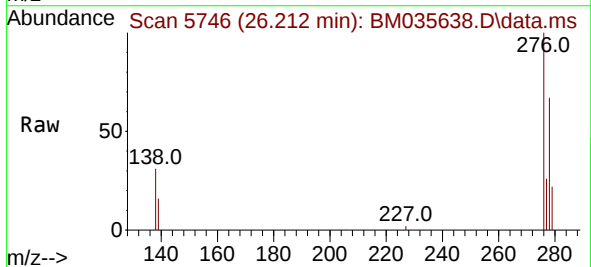


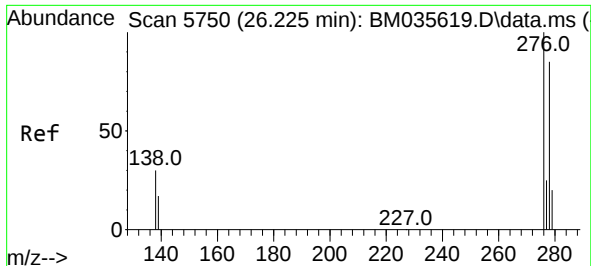
Tgt Ion:252 Resp: 23307
Ion Ratio Lower Upper
252 100
253 32.7 27.8 41.6
125 25.2 23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng/ul
RT: 26.212 min Scan# 5746
Delta R.T. 0.001 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

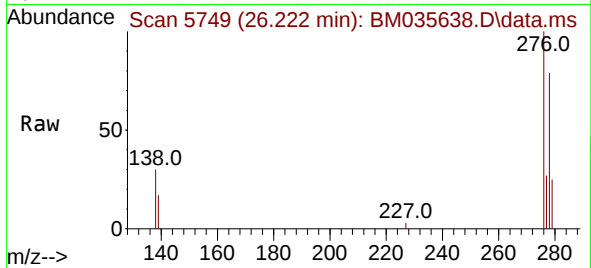
Tgt Ion:276 Resp: 26086
Ion Ratio Lower Upper
276 100
138 30.2 24.8 37.2
227 0.0 0.1 0.1#



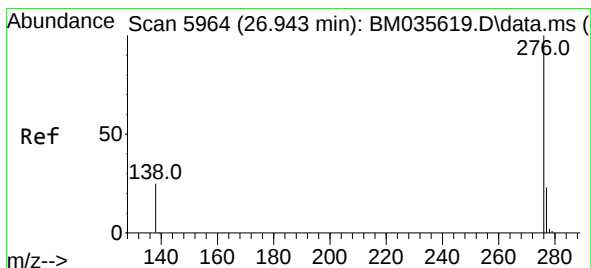
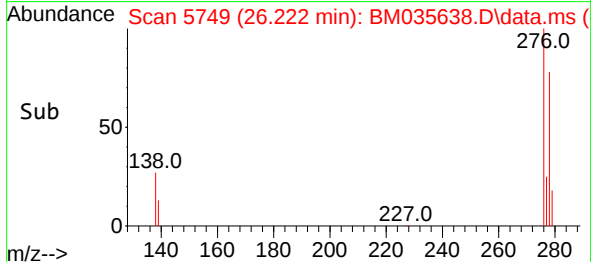
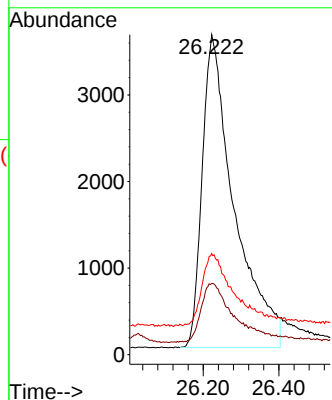


#28
Dibenzo(a,h)anthracene
Concen: 0.424 ng/ul
RT: 26.222 min Scan# 5749
Delta R.T. 0.001 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 21185
Ion Ratio Lower Upper
278 100
139 22.2 19.1 28.7
279 31.6 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.436 ng/ul
RT: 26.943 min Scan# 5964
Delta R.T. -0.002 min
Lab File: BM035638.D
Acq: 23 Jun 2022 23:31

Tgt Ion:276 Resp: 23894
Ion Ratio Lower Upper
276 100
138 27.8 23.1 34.7
277 26.2 20.3 30.5

