

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031138.D
 Acq On : 25 Jul 2021 03:04
 Operator : CG/JU
 Sample : PB137657BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS657

Quant Time: Jul 26 03:06:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 26 03:04:43 2021
 Response via : Initial Calibration

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

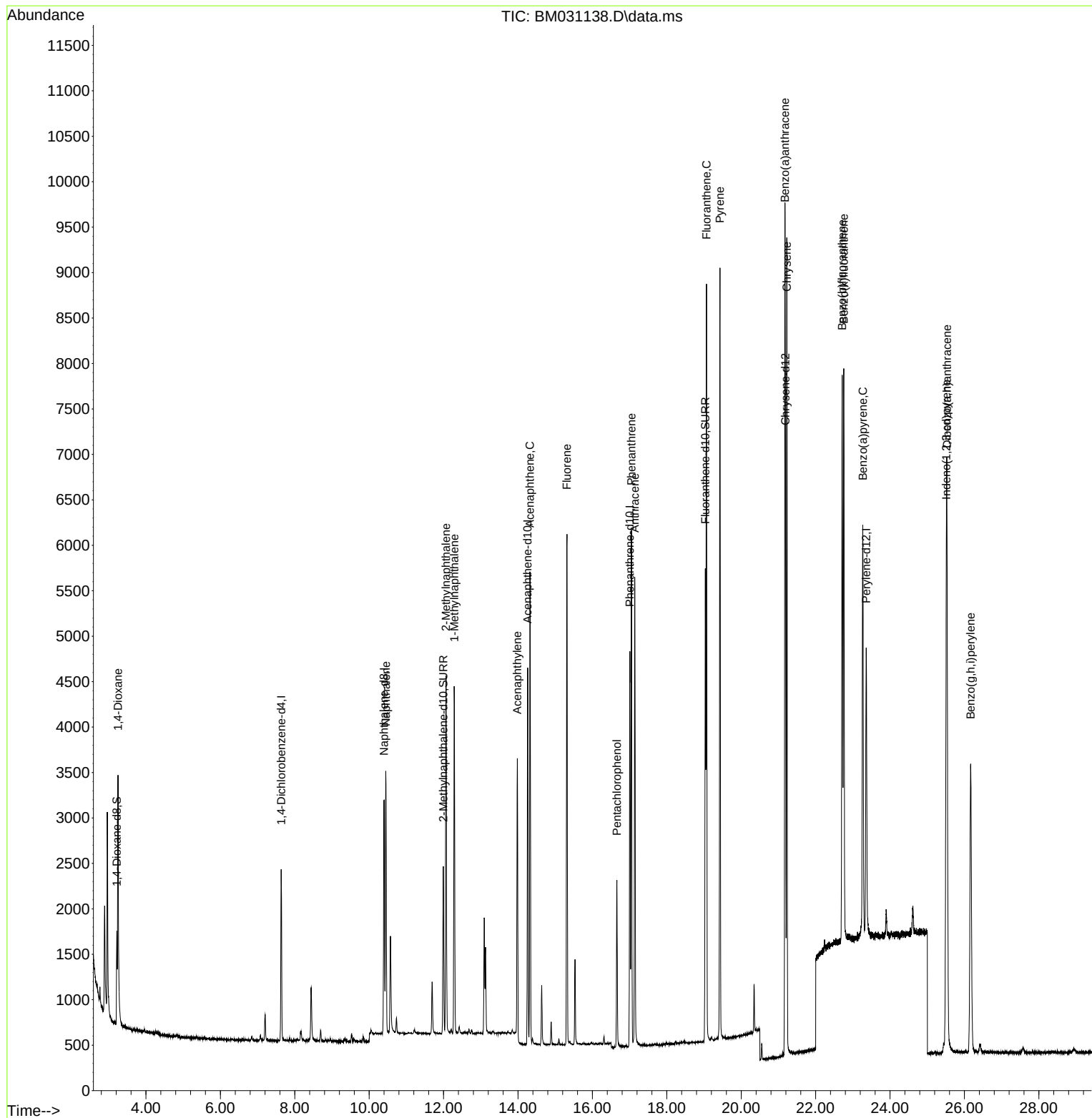
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	936	0.40	ng/ul	0.00
4) Naphthalene-d8	10.401	136	3541	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.258	164	2309	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.006	188	5098	0.40	ng/ul	0.00
17) Chrysene-d12	21.190	240	4671	0.40	ng/ul	0.00
23) Perylene-d12	23.360	264	4200	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	760	0.77	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	2400	0.39	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	5953	0.42	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.248	88	1849	1.92	ng/ul#	81
5) Naphthalene	10.446	128	3911	0.37	ng/ul	99
7) 2-Methylnaphthalene	12.065	142	2750	0.36	ng/ul	99
8) 1-Methylnaphthalene	12.285	142	2560	0.34	ng/ul	100
10) Acenaphthylene	13.981	152	3540	0.37	ng/ul	98
11) Acenaphthene	14.322	153	3015	0.36	ng/ul	96
12) Fluorene	15.315	166	3599	0.37	ng/ul	98
14) Pentachlorophenol	16.659	266	1232	0.70	ng/ul	98
15) Phenanthrene	17.047	178	6035	0.37	ng/ul	98
16) Anthracene	17.138	178	5597	0.37	ng/ul	99
19) Fluoranthene	19.065	202	7235	0.38	ng/ul	97
20) Pyrene	19.428	202	7295	0.38	ng/ul	98
21) Benzo(a)anthracene	21.173	228	7127	0.38	ng/ul	99
22) Chrysene	21.226	228	7590	0.38	ng/ul	98
24) Benzo(b)fluoranthene	22.713	252	7608	0.39	ng/ul	99
25) Benzo(k)fluoranthene	22.757	252	7598	0.38	ng/ul	98
26) Benzo(a)pyrene	23.268	252	6440	0.38	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.511	276	7719	0.35	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.528	278	6214	0.35	ng/ul	99
29) Benzo(g,h,i)perylene	26.166	276	6459	0.34	ng/ul	96

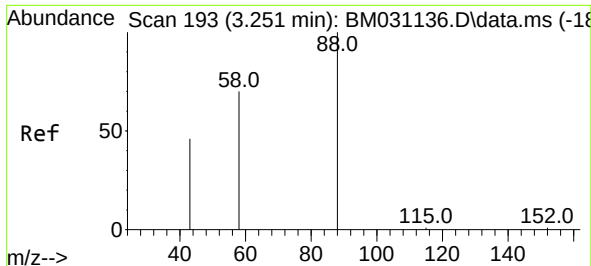
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 03:04:43 2021
Response via : Initial Calibration

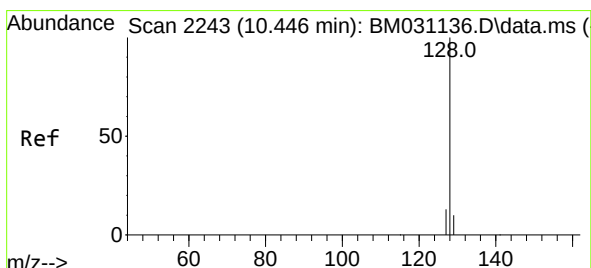
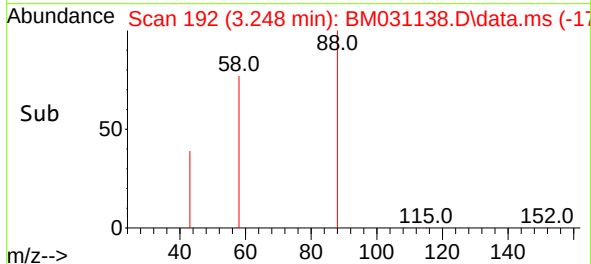
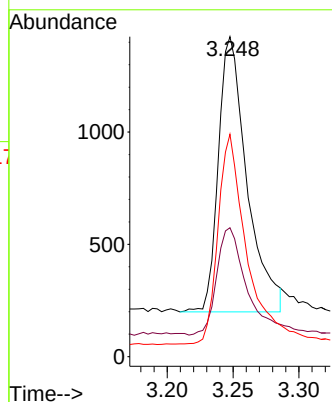
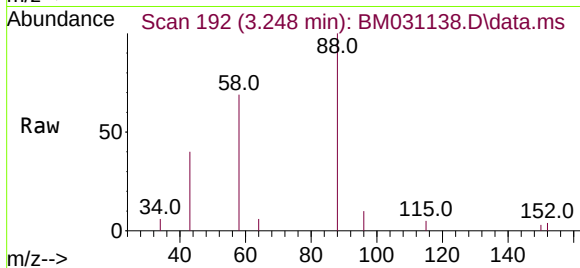




#2
1,4-Dioxane
Concen: 1.92 ng/ul
RT: 3.248 min Scan# 192
Delta R.T. -0.004 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

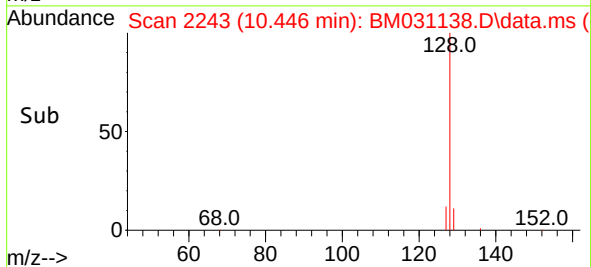
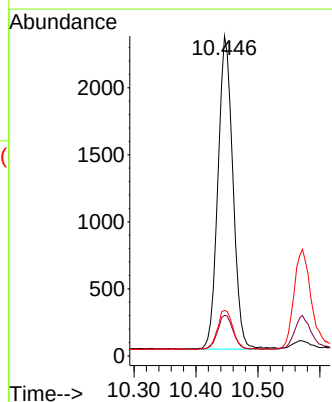
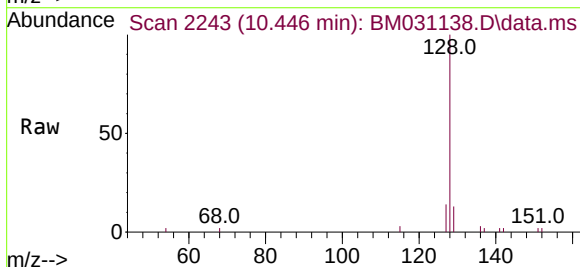
Instrument :
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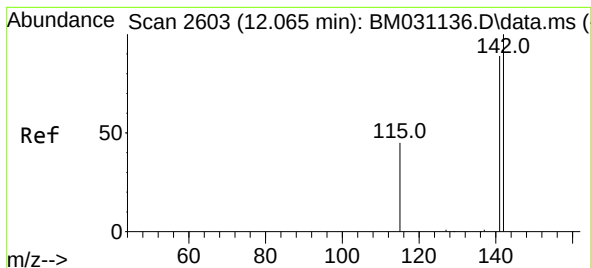
Tgt Ion: 88 Resp: 1849
Ion Ratio Lower Upper
88 100
43 40.3 35.2 52.8
58 69.5 39.1 58.7#



#5
Naphthalene
Concen: 0.37 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

Tgt Ion: 128 Resp: 3911
Ion Ratio Lower Upper
128 100
129 12.7 10.2 15.4
127 14.2 11.8 17.8

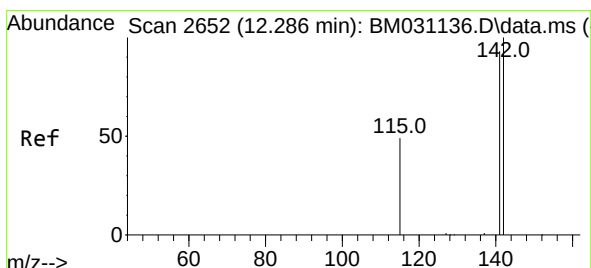
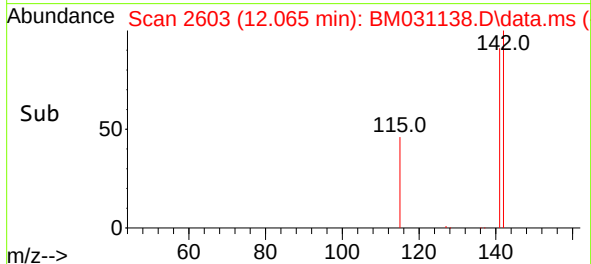
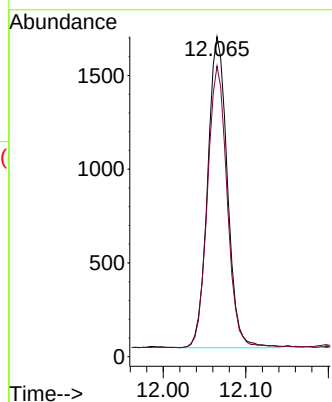
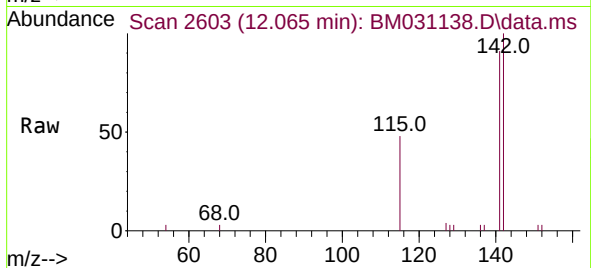




#7
2-Methylnaphthalene
Concen: 0.36 ng/ul
RT: 12.065 min Scan# 2603
Delta R.T. -0.009 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

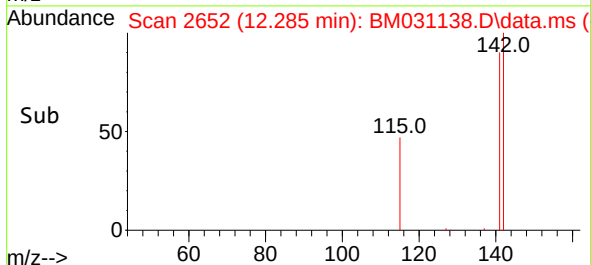
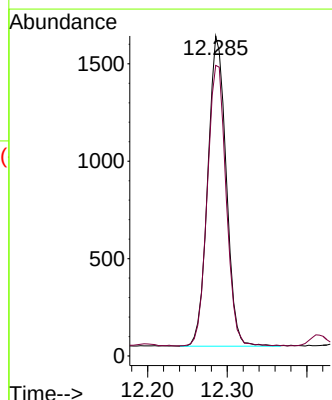
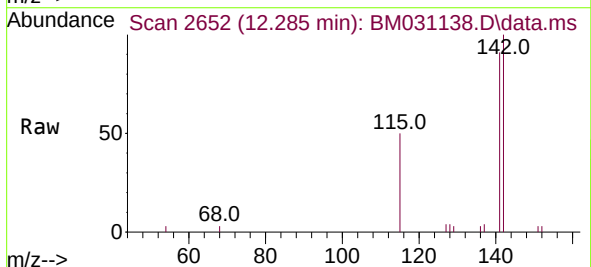
Instrument :
BNA_M
ClientSampleId :
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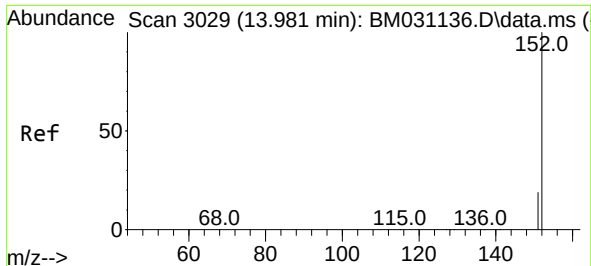
Tgt Ion:142 Resp: 2750
Ion Ratio Lower Upper
142 100
141 90.7 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.34 ng/ul
RT: 12.285 min Scan# 2652
Delta R.T. -0.009 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

Tgt Ion:142 Resp: 2560
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4

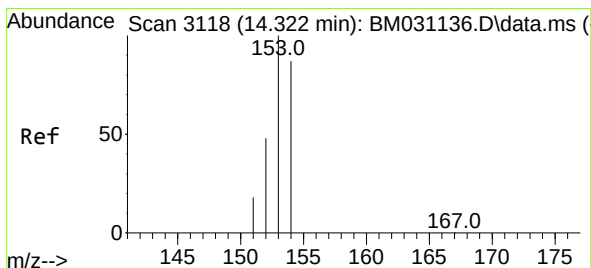
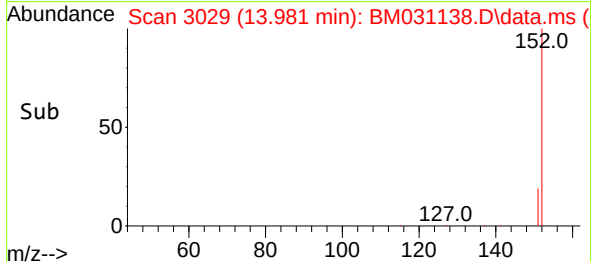
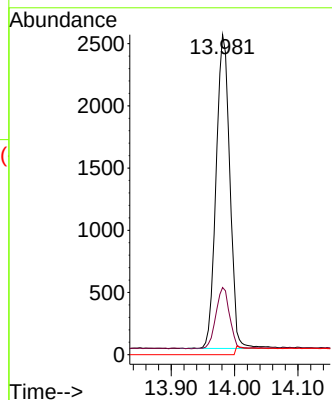
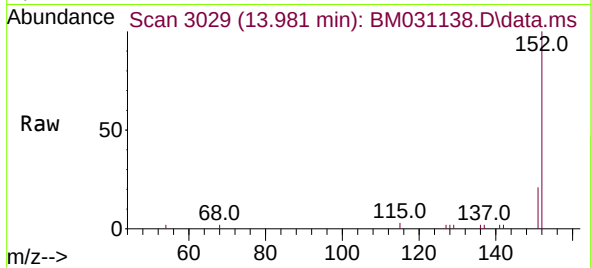




#10
Acenaphthylene
Concen: 0.37 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.009 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

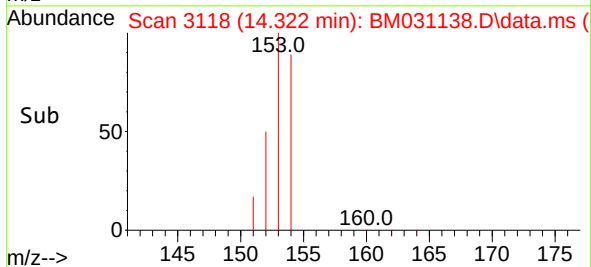
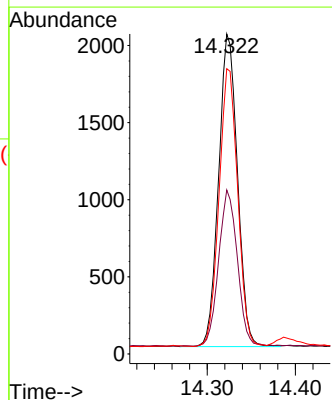
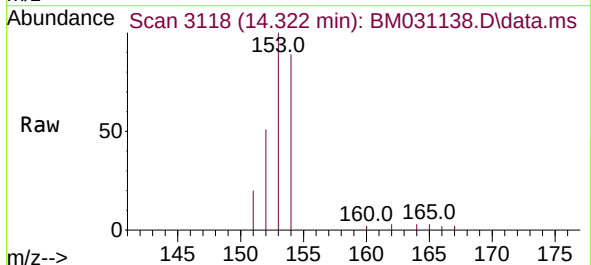
Instrument :
BNA_M
ClientSampled :
SLCS657

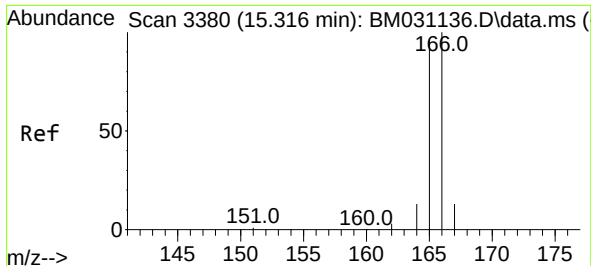
Tgt Ion:152 Resp: 3540
Ion Ratio Lower Upper
152 100
151 21.0 17.5 26.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.36 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

Tgt Ion:153 Resp: 3015
Ion Ratio Lower Upper
153 100
152 51.3 39.4 59.2
154 89.2 68.2 102.4

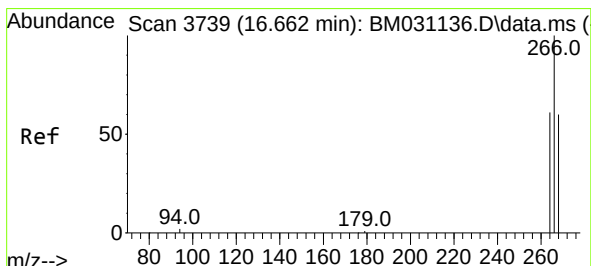
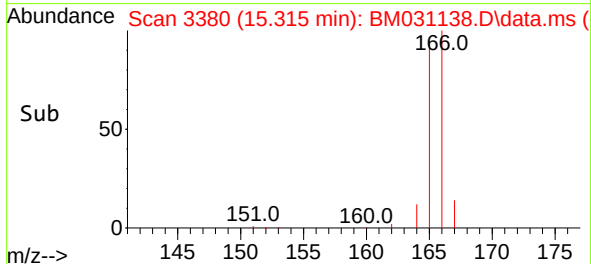
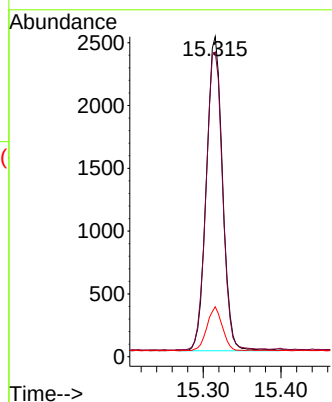
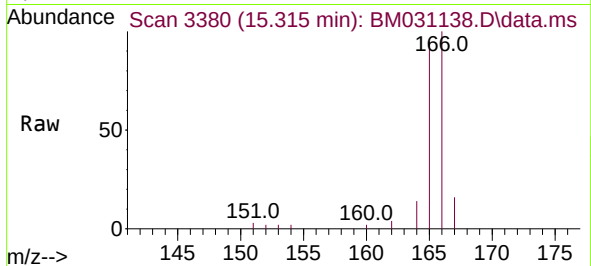




#12
Fluorene
Concen: 0.37 ng/ul
RT: 15.315 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

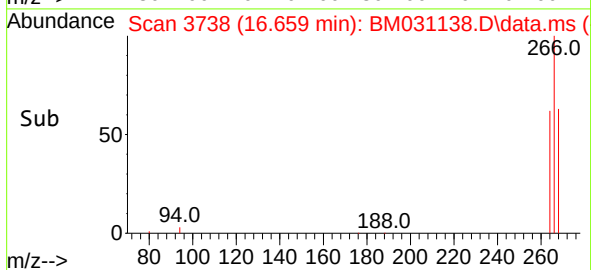
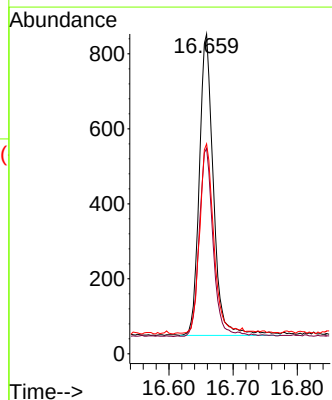
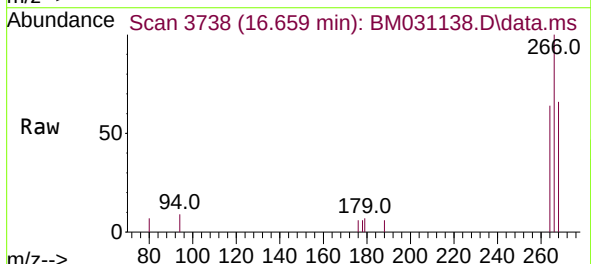
Instrument :
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ClientSampleId :
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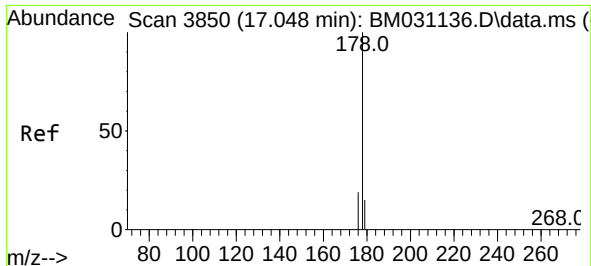
Tgt Ion:	166	Resp:	3599
Ion Ratio	Lower	Upper	
166	100		
165	95.3	78.2	117.2
167	15.6	12.3	18.5



#14
Pentachlorophenol
Concen: 0.70 ng/ul
RT: 16.659 min Scan# 3738
Delta R.T. -0.004 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

Tgt Ion:	266	Resp:	1232
Ion Ratio	Lower	Upper	
266	100		
264	61.0	50.9	76.3
268	63.6	51.2	76.8

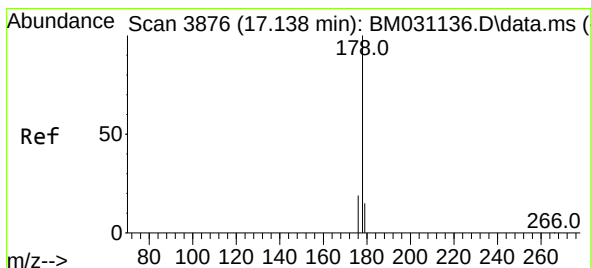
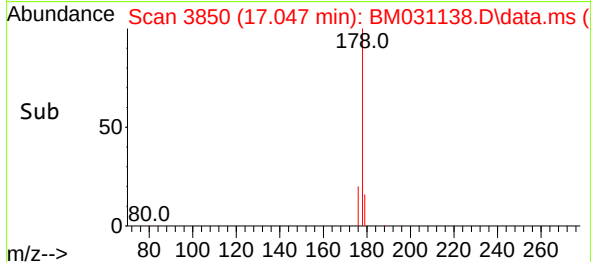
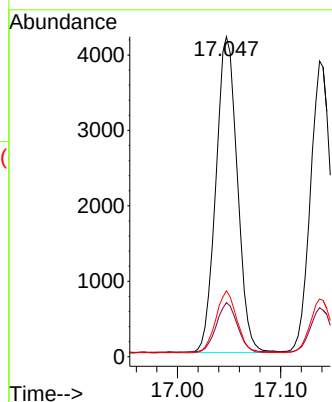
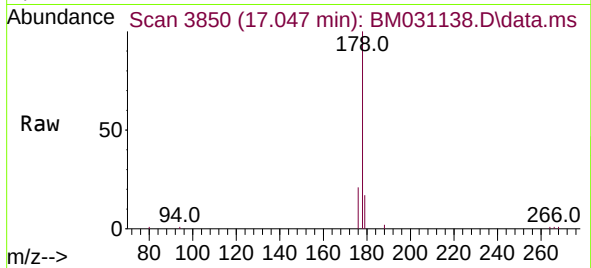




#15
Phenanthrene
Concen: 0.37 ng/ul
RT: 17.047 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

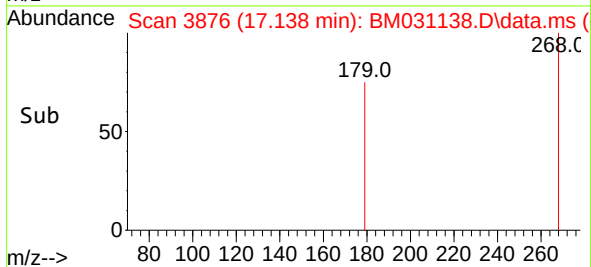
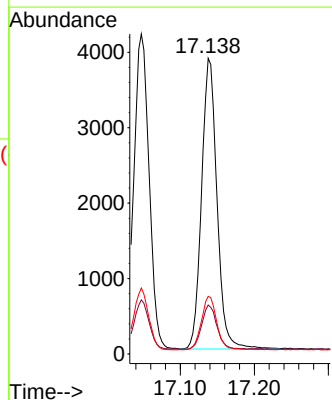
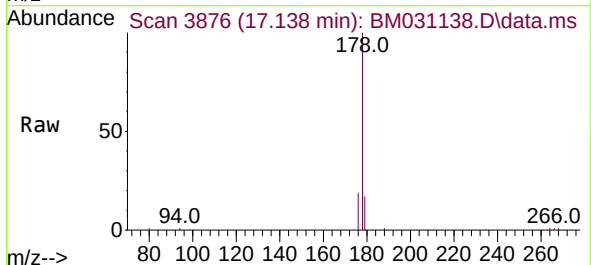
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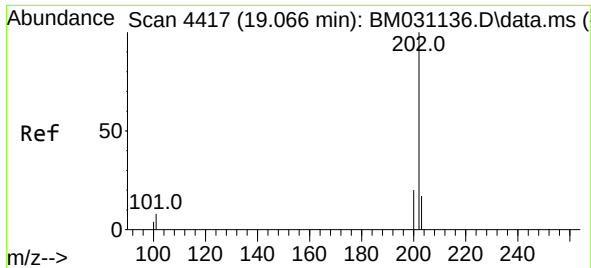
Tgt Ion:178 Resp: 6035
Ion Ratio Lower Upper
178 100
179 16.9 13.3 19.9
176 20.6 15.4 23.2



#16
Anthracene
Concen: 0.37 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

Tgt Ion:178 Resp: 5597
Ion Ratio Lower Upper
178 100
179 16.6 13.8 20.8
176 19.5 15.7 23.5

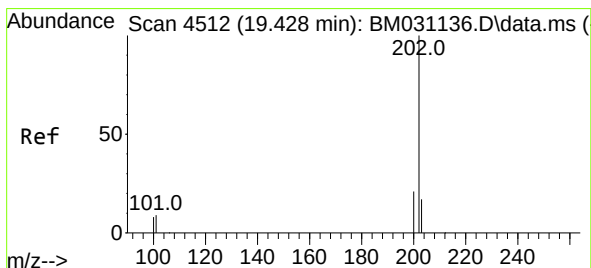
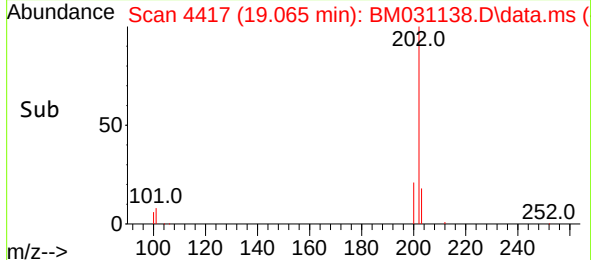
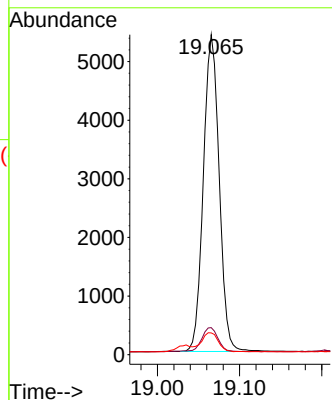
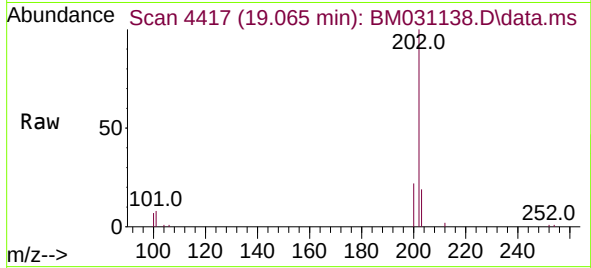




#19
Fluoranthene
Concen: 0.38 ng/ul
RT: 19.065 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

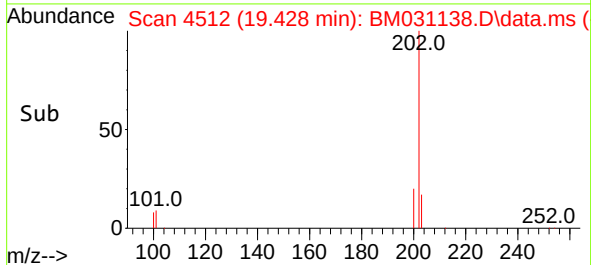
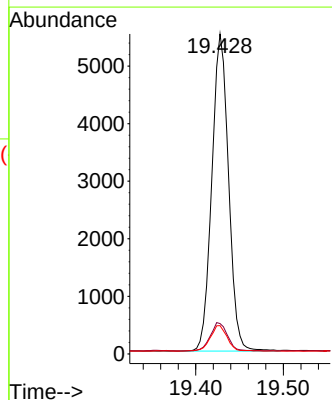
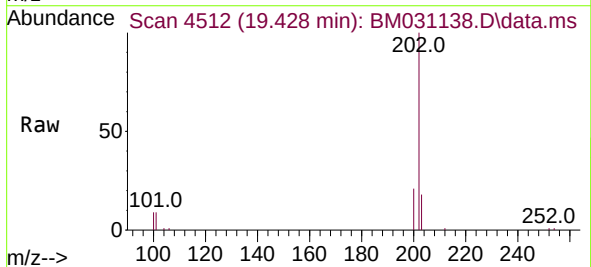
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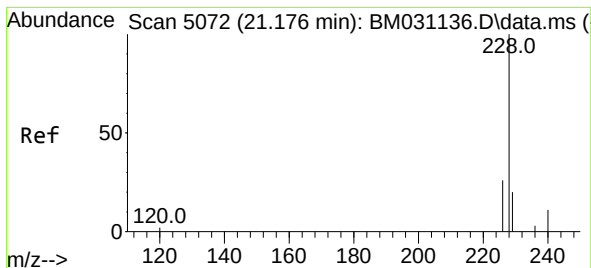
Tgt Ion:	202	Resp:	7235
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.0	9.0
100	6.8	4.8	7.2



#20
Pyrene
Concen: 0.38 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

Tgt Ion:	202	Resp:	7295
Ion Ratio	Lower	Upper	
202	100		
101	9.5	7.4	11.0
100	8.9	6.0	9.0

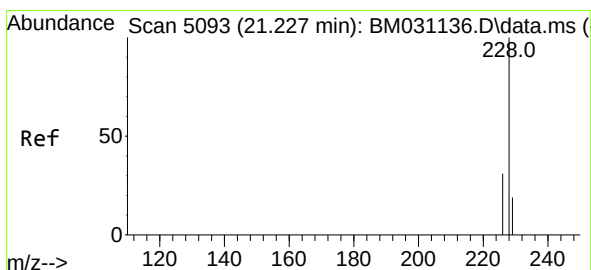
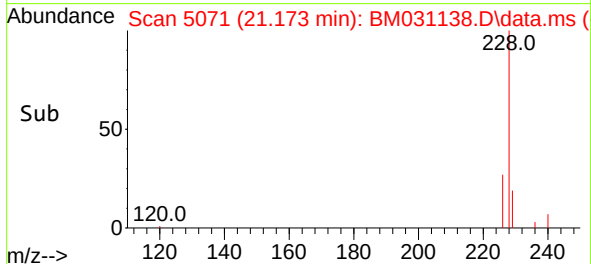
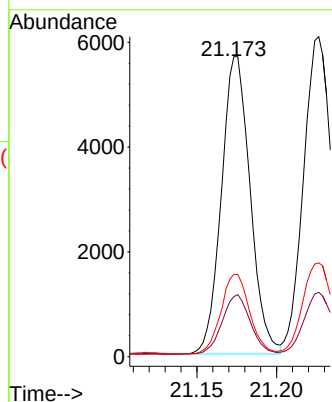
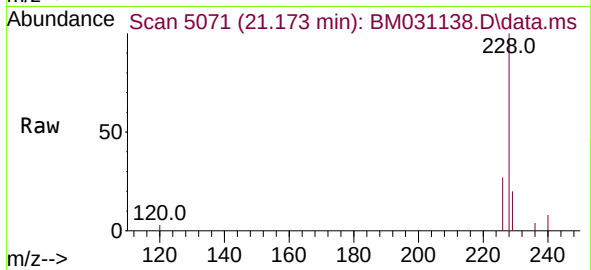




#21
Benzo(a)anthracene
Concen: 0.38 ng/ul
RT: 21.173 min Scan# 5071
Delta R.T. -0.010 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

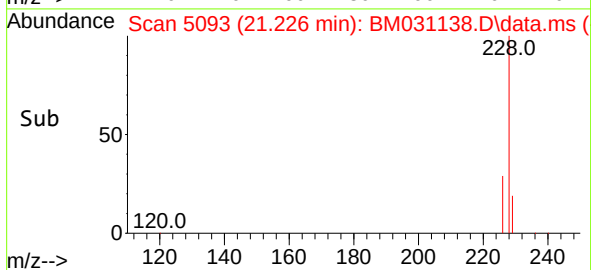
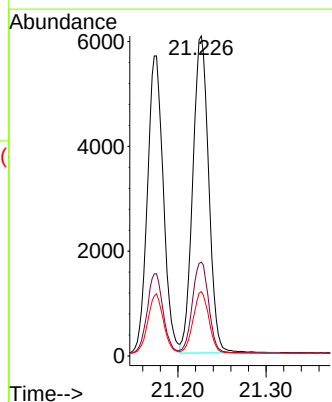
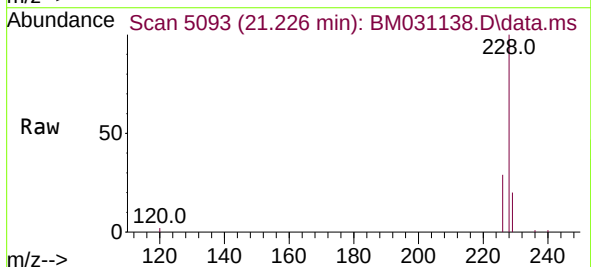
Instrument :
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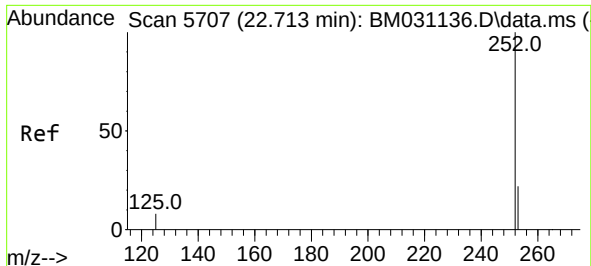
Tgt Ion:228	Resp:	7127
Ion Ratio	Lower	Upper
228	100	
229	20.0	16.0 24.0
226	27.4	21.4 32.2



#22
Chrysene
Concen: 0.38 ng/ul
RT: 21.226 min Scan# 5093
Delta R.T. -0.007 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

Tgt Ion:228	Resp:	7590
Ion Ratio	Lower	Upper
228	100	
226	29.3	24.5 36.7
229	20.1	15.8 23.8

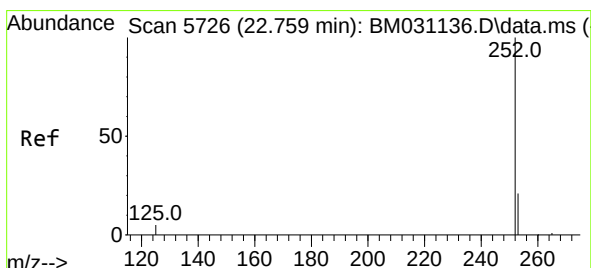
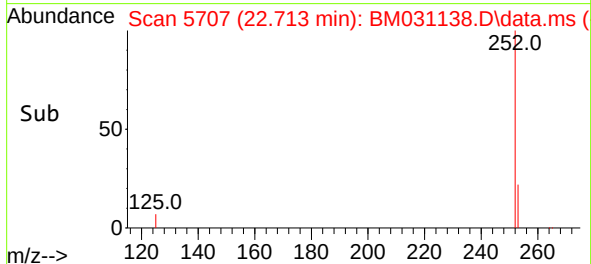
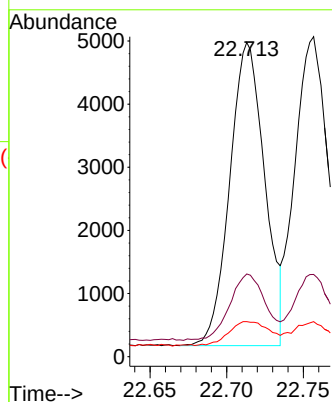
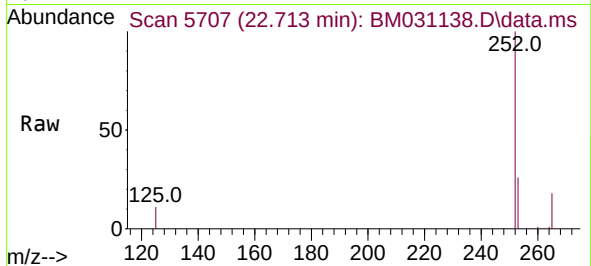




#24
Benzo(b)fluoranthene
Concen: 0.39 ng/ul
RT: 22.713 min Scan# 5707
Delta R.T. -0.012 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

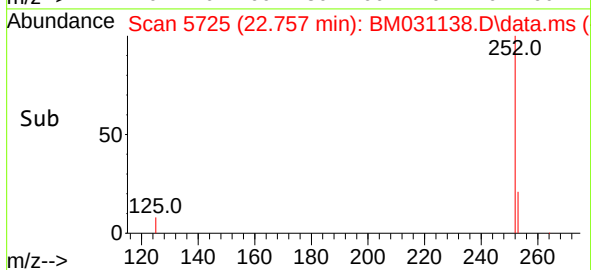
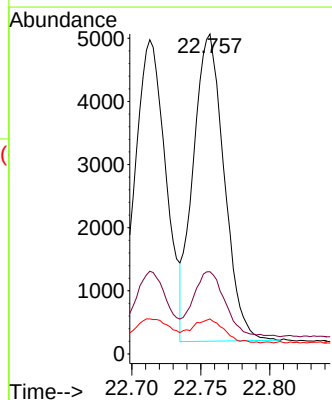
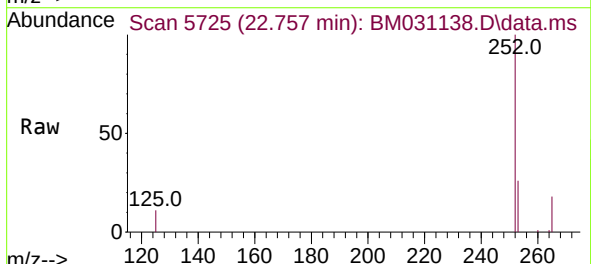
Instrument :
BNA_M
ClientSampleId :
SLCS657

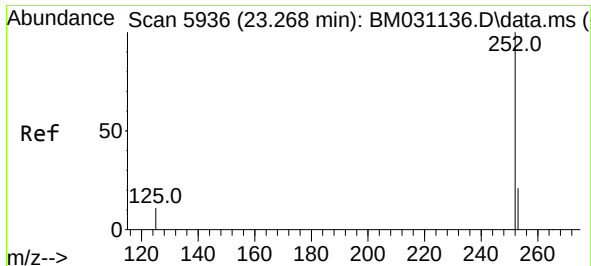
Tgt Ion:252	Resp:	7608
Ion Ratio	Lower	Upper
252	100	
253	26.3	0.0 52.8
125	11.2	0.0 20.2



#25
Benzo(k)fluoranthene
Concen: 0.38 ng/ul
RT: 22.757 min Scan# 5725
Delta R.T. -0.010 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

Tgt Ion:252	Resp:	7598
Ion Ratio	Lower	Upper
252	100	
253	25.7	21.6 32.4
125	10.9	8.6 13.0

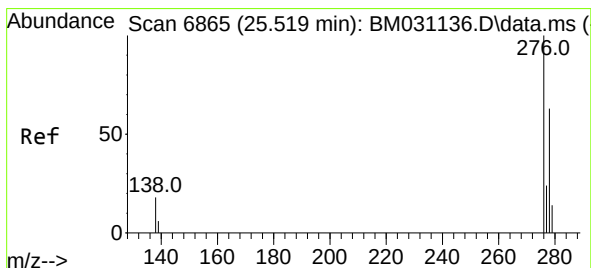
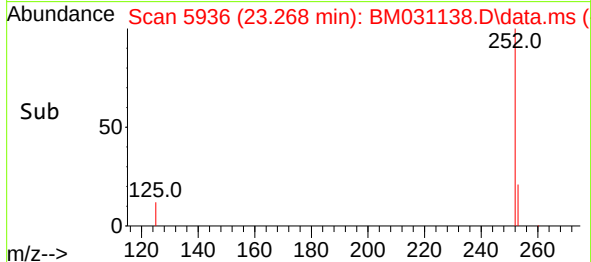
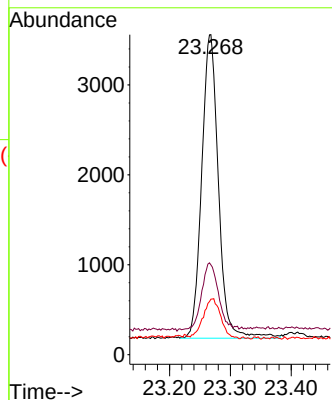
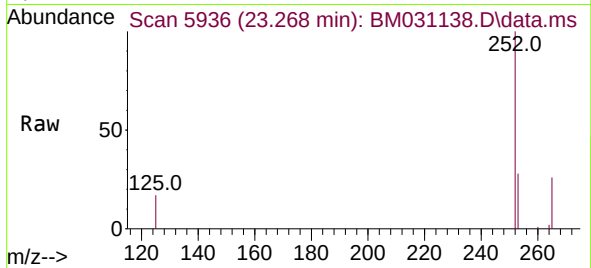




#26
Benzo(a)pyrene
Concen: 0.38 ng/ul
RT: 23.268 min Scan# 5936
Delta R.T. -0.012 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

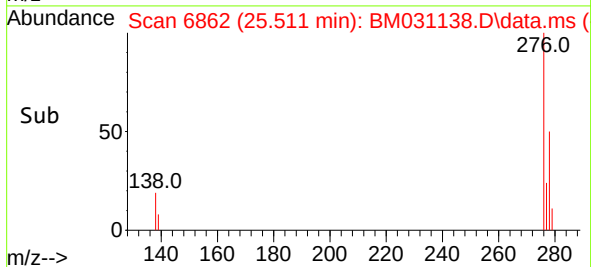
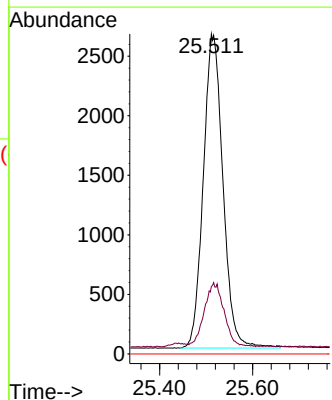
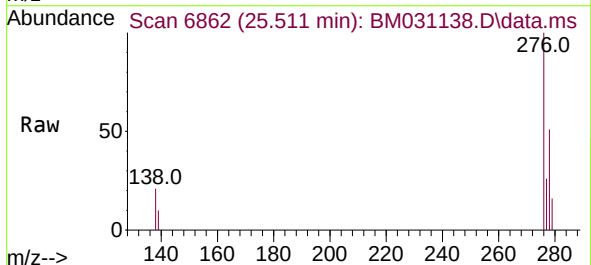
Instrument :
BNA_M
ClientSampled :
SLCS657

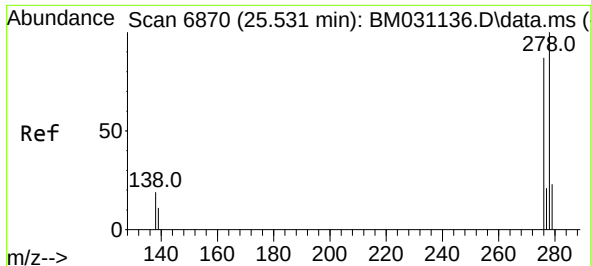
Tgt Ion:252 Resp: 6440
Ion Ratio Lower Upper
252 100
253 28.0 23.1 34.7
125 17.4 10.7 16.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng/ul
RT: 25.511 min Scan# 6862
Delta R.T. -0.022 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

Tgt Ion:276 Resp: 7719
Ion Ratio Lower Upper
276 100
138 20.5 15.4 23.0
227 0.0 0.0 0.0

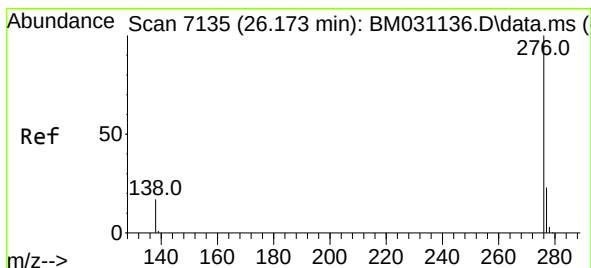
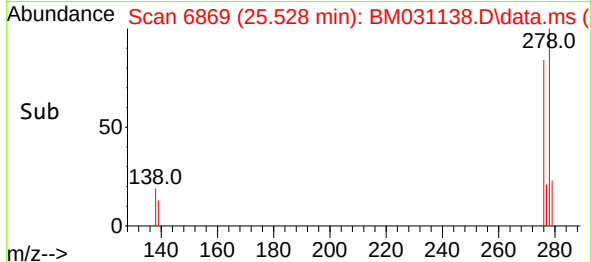
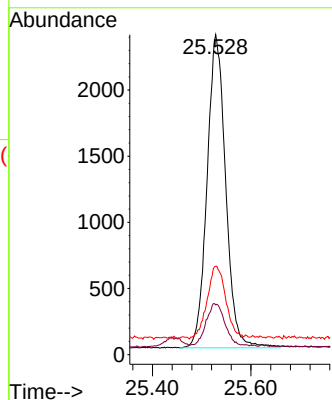
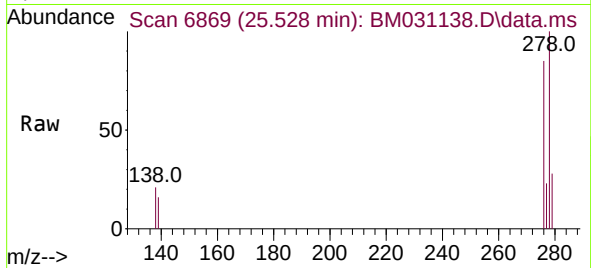




#28
Dibenzo(a,h)anthracene
Concen: 0.35 ng/ul
RT: 25.528 min Scan# 6869
Delta R.T. -0.017 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

Instrument :
BNA_M
ClientSampleId :
SLCS657

Tgt Ion:278 Resp: 6214
Ion Ratio Lower Upper
278 100
139 15.5 12.6 18.8
279 27.7 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.34 ng/ul
RT: 26.166 min Scan# 7132
Delta R.T. -0.027 min
Lab File: BM031138.D
Acq: 25 Jul 2021 03:04

Tgt Ion:276 Resp: 6459
Ion Ratio Lower Upper
276 100
138 19.9 14.0 21.0
277 26.6 19.9 29.9

