

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031184.D
 Acq On : 27 Jul 2021 04:53
 Operator : CG/JU
 Sample : PB137779BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS779

Quant Time: Jul 27 06:24:02 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 : Thu Jul 22 01:52:16 2021
 Response via : Initial Calibration

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

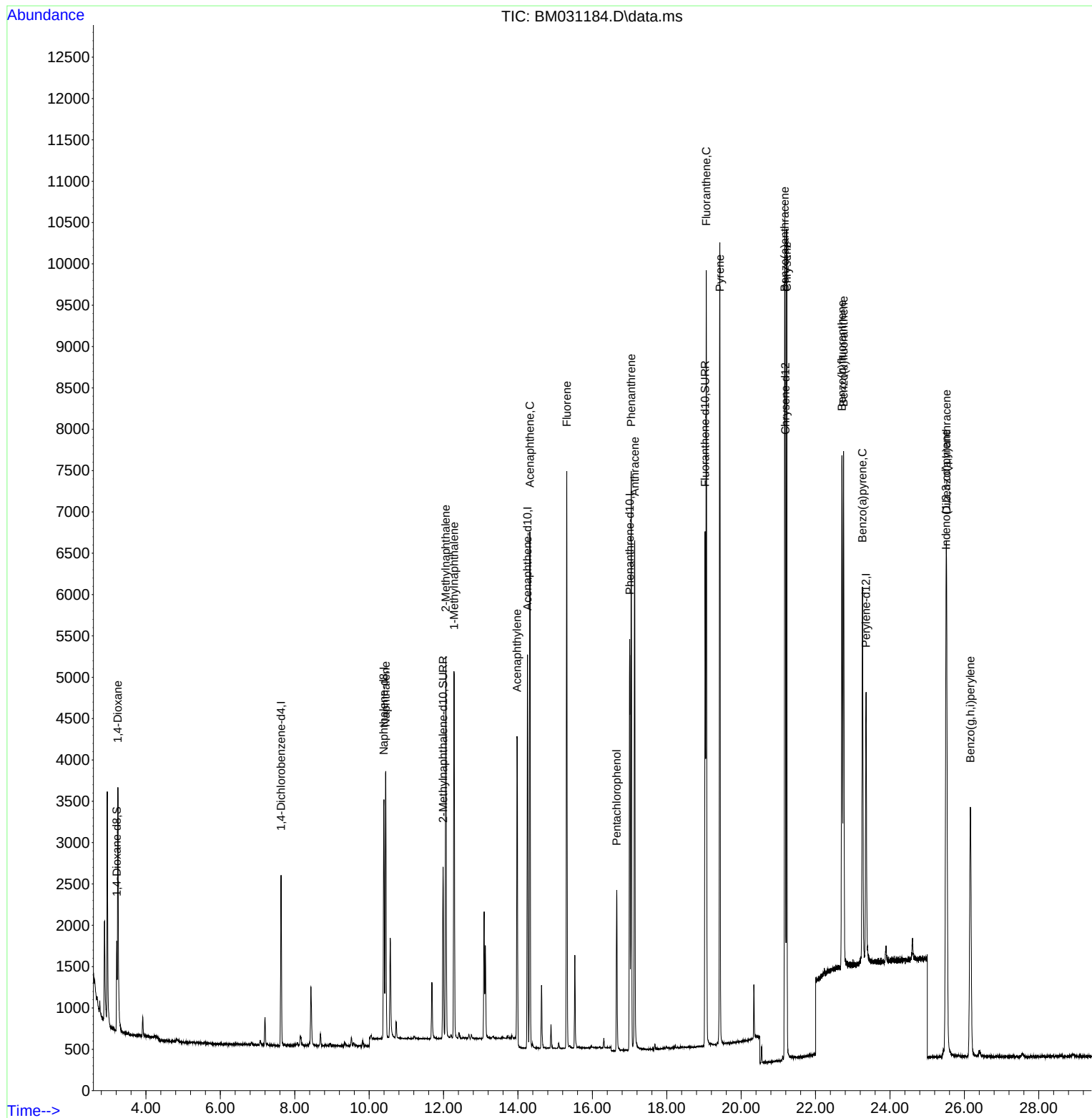
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	988	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.396	136	3925	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.258	164	2733	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.002	188	6140	0.400	ng/ul	-0.01
17) Chrysene-d12	21.188	240	5037	0.400	ng/ul	-0.01
23) Perylene-d12	23.357	264	4064	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	752	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	2644	0.384	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	6954	0.453	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.244	88	1881	1.854	ng/ul#	84
5) Naphthalene	10.445	128	4409	0.376	ng/ul	99
7) 2-Methylnaphthalene	12.060	142	3228	0.382	ng/ul	100
8) 1-Methylnaphthalene	12.285	142	2999	0.364	ng/ul	100
10) Acenaphthylene	13.976	152	4228	0.378	ng/ul	99
11) Acenaphthene	14.322	153	3640	0.368	ng/ul	97
12) Fluorene	15.312	166	4365	0.375	ng/ul	98
14) Pentachlorophenol	16.655	266	1299	0.611	ng/ul	99
15) Phenanthrene	17.044	178	7351	0.377	ng/ul	98
16) Anthracene	17.138	178	6822	0.373	ng/ul	98
19) Fluoranthene	19.062	202	8597	0.424	ng/ul	99
20) Pyrene	19.428	202	8714	0.421	ng/ul	99
21) Benzo(a)anthracene	21.171	228	7887	0.392	ng/ul	99
22) Chrysene	21.224	228	8471	0.389	ng/ul	99
24) Benzo(b)fluoranthene	22.708	252	7857	0.411	ng/ul	99
25) Benzo(k)fluoranthene	22.752	252	7867	0.406	ng/ul	98
26) Benzo(a)pyrene	23.261	252	6413	0.388	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.507	276	7492	0.346	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.521	278	6128	0.353	ng/ul	99
29) Benzo(g,h,i)perylene	26.161	276	6228	0.339	ng/ul	98

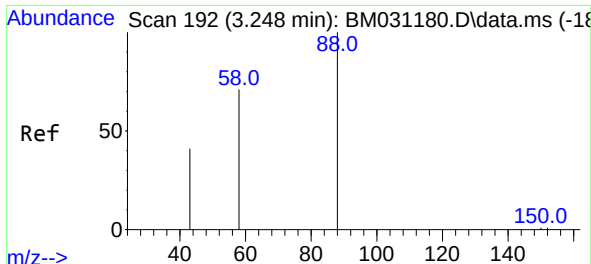
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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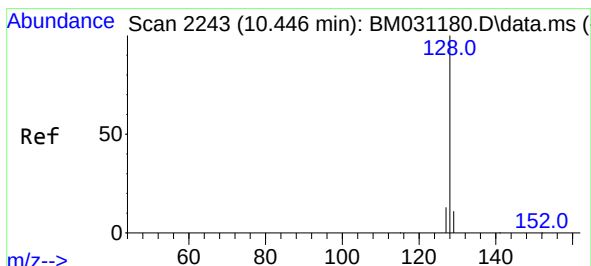
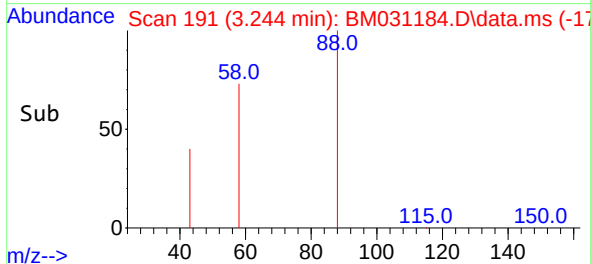
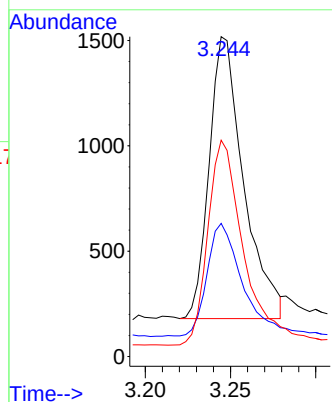
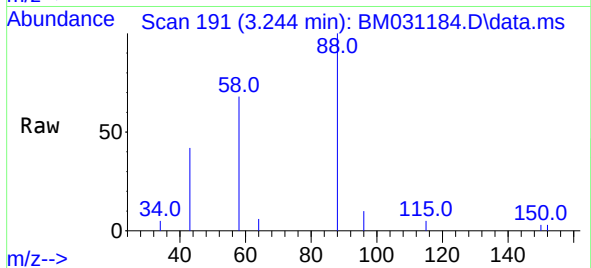




#2
1,4-Dioxane
Concen: 1.854 ng/ul
RT: 3.244 min Scan# 191
Delta R.T. -0.007 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

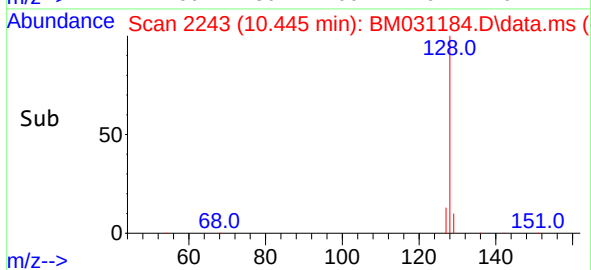
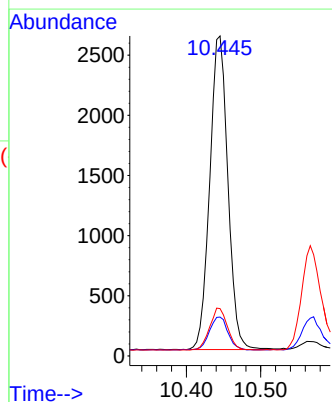
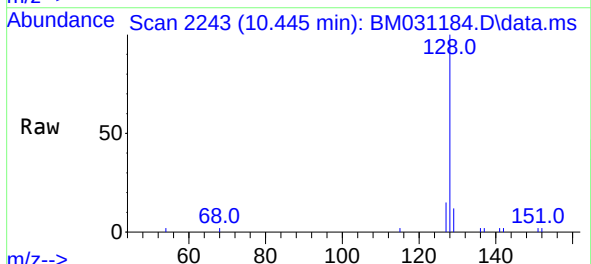
Instrument :
BNA_M
ClientSampleId :
SLCS779

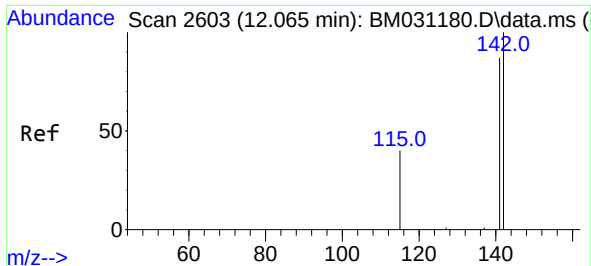
Tgt Ion: 88 Resp: 1881
Ion Ratio Lower Upper
88 100
43 41.6 35.2 52.8
58 67.7 39.1 58.7#



#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.445 min Scan# 2243
Delta R.T. -0.010 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

Tgt Ion: 128 Resp: 4409
Ion Ratio Lower Upper
128 100
129 12.1 10.2 15.4
127 14.8 11.8 17.8

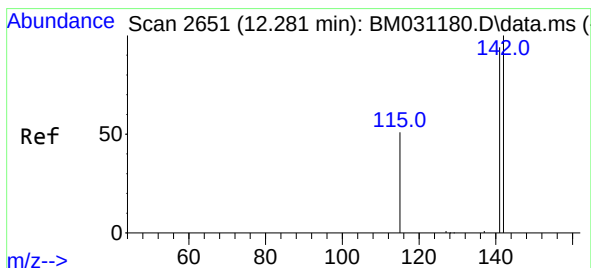
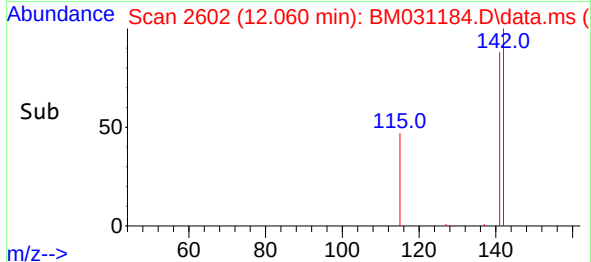
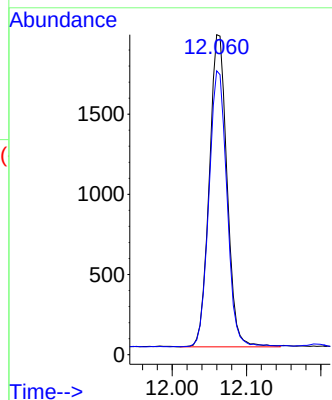
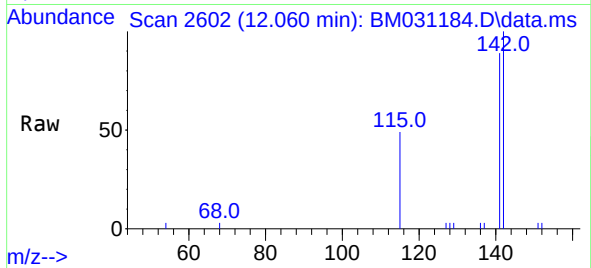




#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.060 min Scan# 2602
Delta R.T. -0.010 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

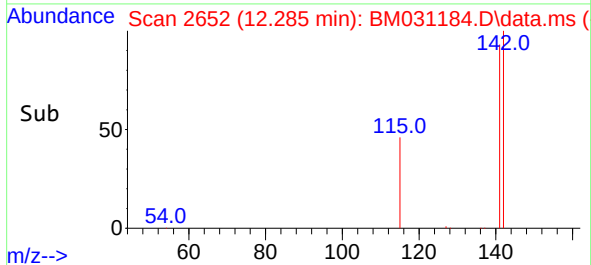
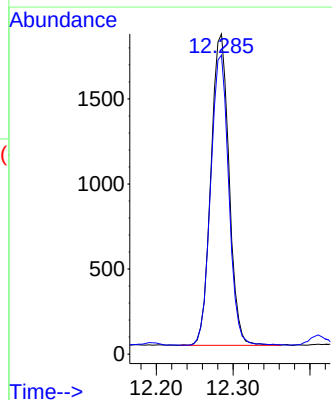
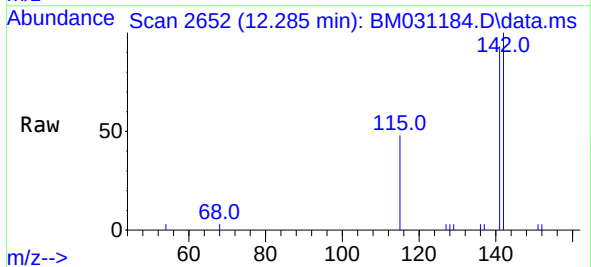
Instrument :
BNA_M
ClientSampleId :
SLCS779

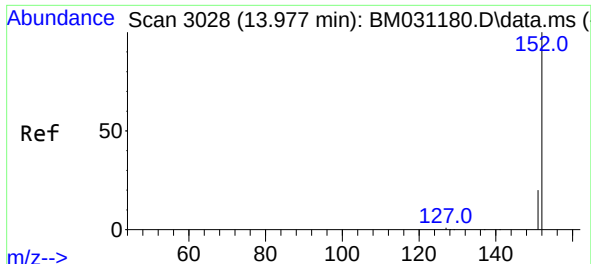
Tgt Ion:142 Resp: 3228
Ion Ratio Lower Upper
142 100
141 89.6 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.285 min Scan# 2652
Delta R.T. -0.005 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

Tgt Ion:142 Resp: 2999
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4



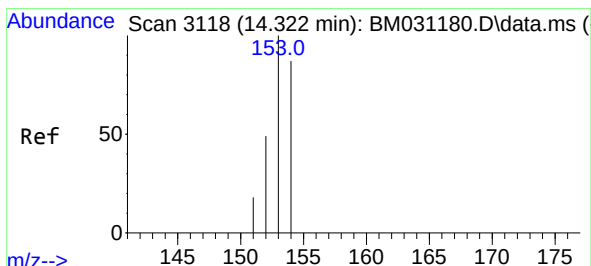
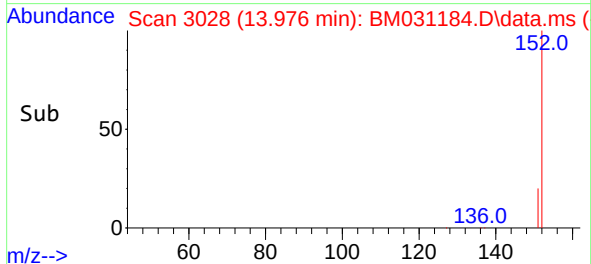
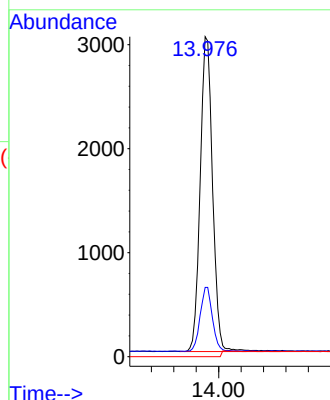
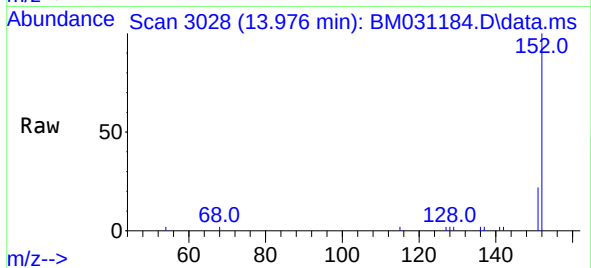


#10
Acenaphthylene
Concen: 0.378 ng/ul
RT: 13.976 min Scan# 3028
Delta R.T. -0.010 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

Instrument :
BNA_M
ClientSampled :
SLCS779

Tgt Ion:152 Resp: 4228

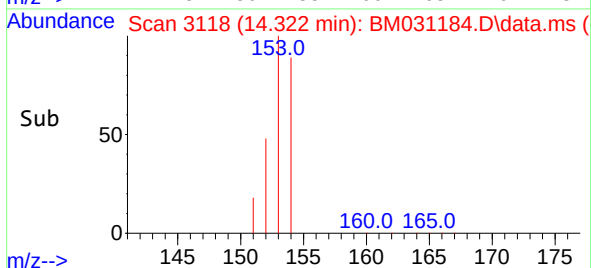
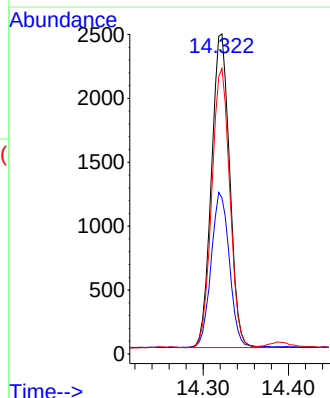
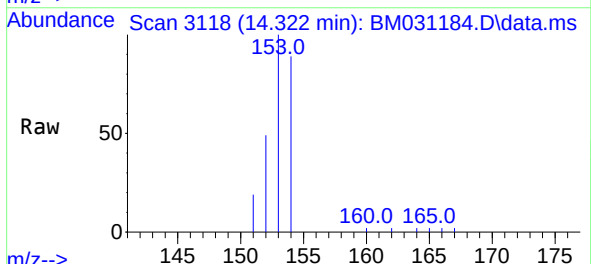
Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.5	26.3
153	0.0	0.0	0.0

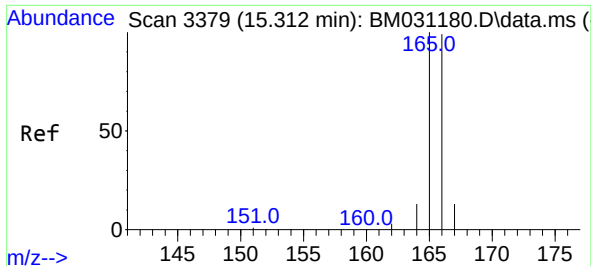


#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

Tgt Ion:153 Resp: 3640

Ion	Ratio	Lower	Upper
153	100		
152	48.8	39.4	59.2
154	89.2	68.2	102.4

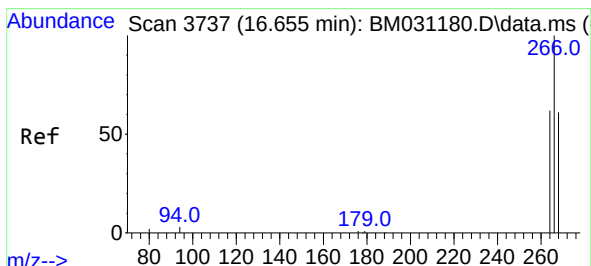
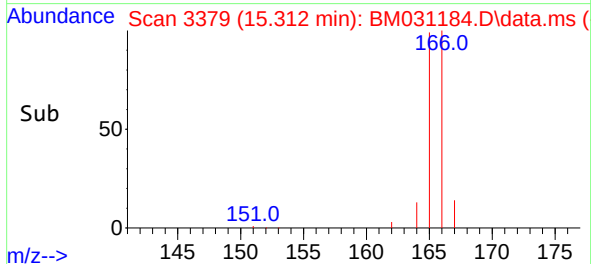
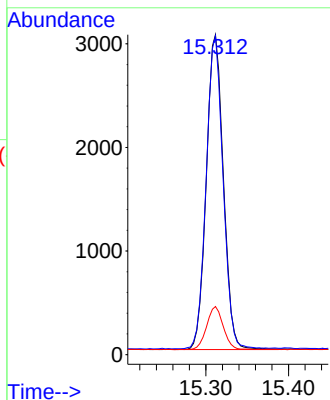
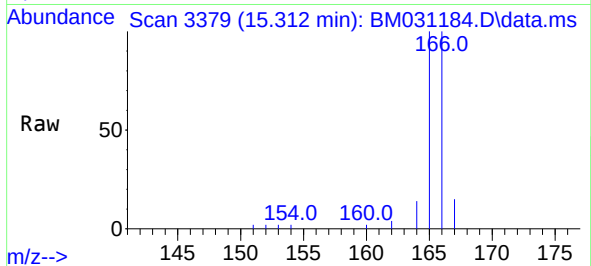




#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.312 min Scan# 3379
Delta R.T. -0.008 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

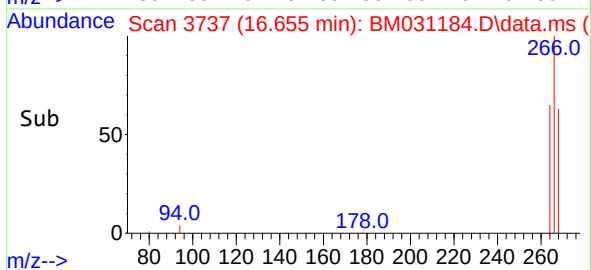
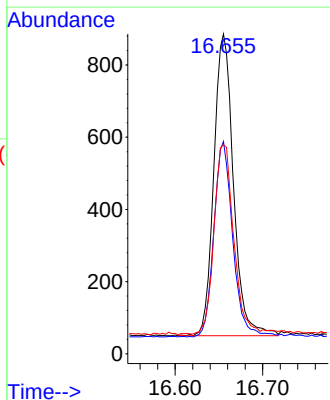
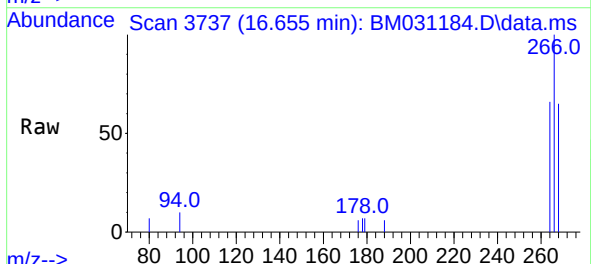
Instrument :
BNA_M
ClientSampleId :
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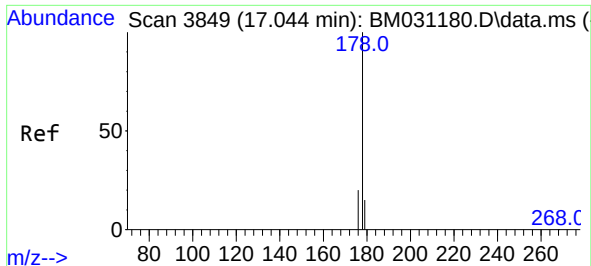
Tgt Ion:	166	Resp:	4365
Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.2	117.2
167	15.1	12.3	18.5



#14
Pentachlorophenol
Concen: 0.611 ng/ul
RT: 16.655 min Scan# 3737
Delta R.T. -0.007 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

Tgt Ion:	266	Resp:	1299
Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.9	76.3
268	64.3	51.2	76.8

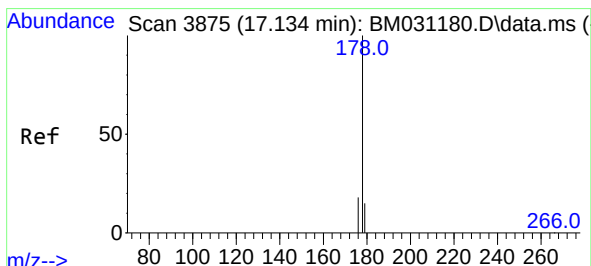
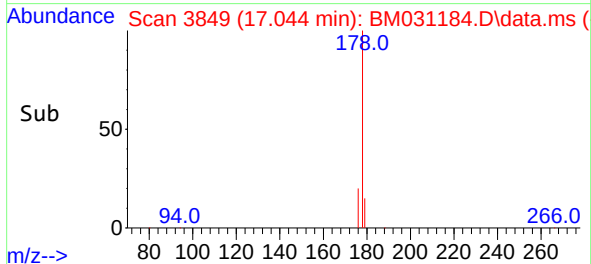
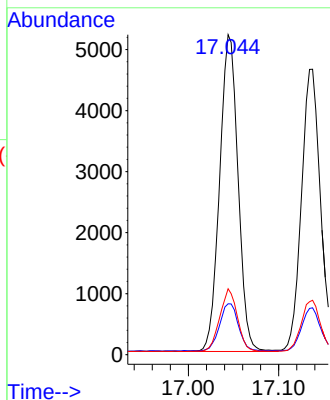
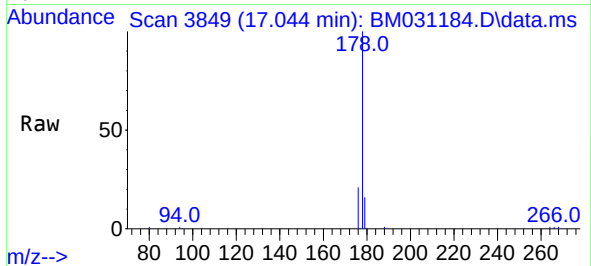




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.044 min Scan# 3849
Delta R.T. -0.011 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

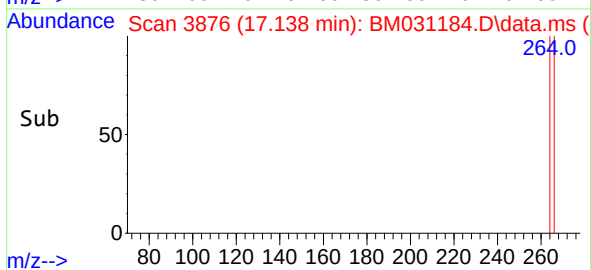
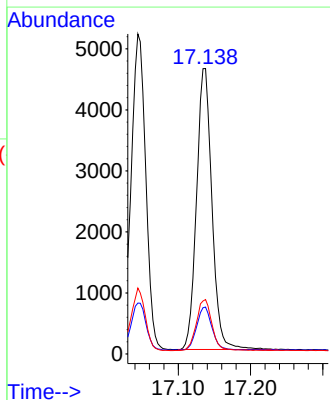
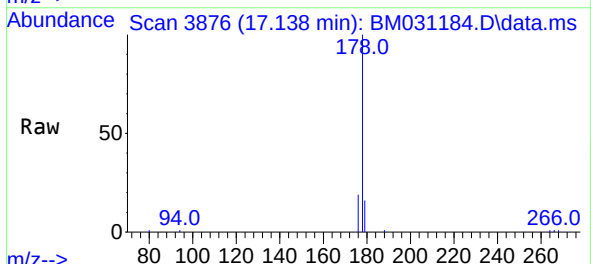
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ClientSampleId :
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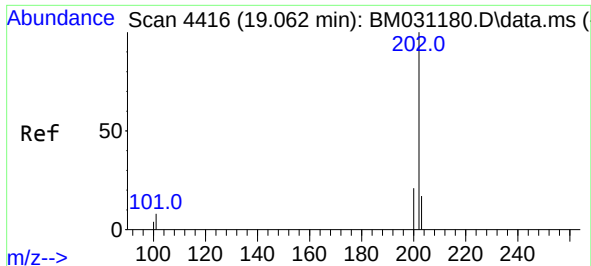
Tgt Ion:	178	Resp:	7351
Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.3	19.9
176	20.6	15.4	23.2



#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

Tgt Ion:	178	Resp:	6822
Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.8	20.8
176	19.1	15.7	23.5

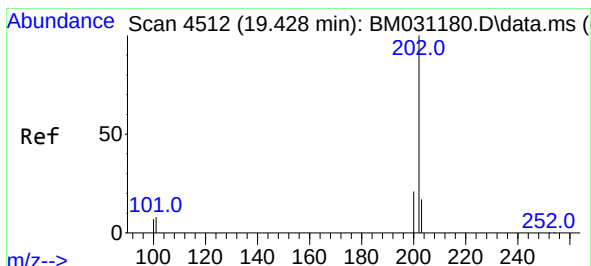
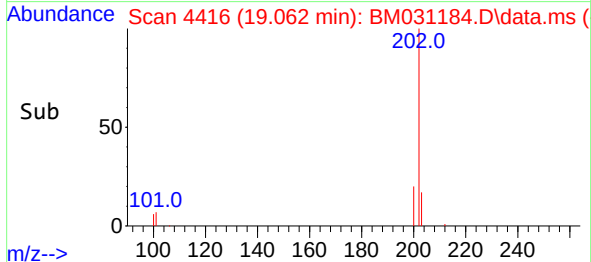
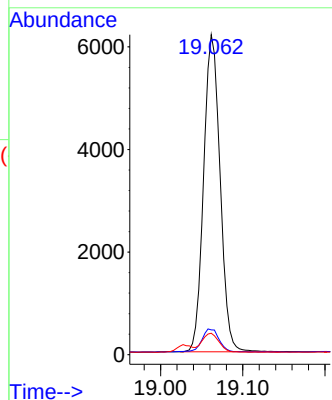
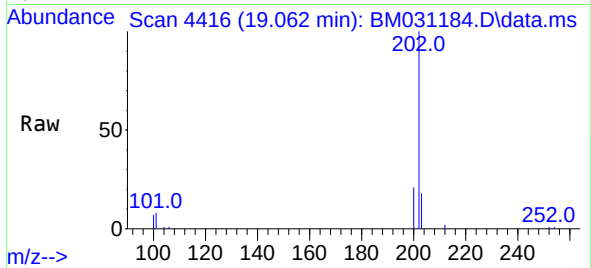




#19
Fluoranthene
Concen: 0.424 ng/ul
RT: 19.062 min Scan# 4416
Delta R.T. -0.012 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

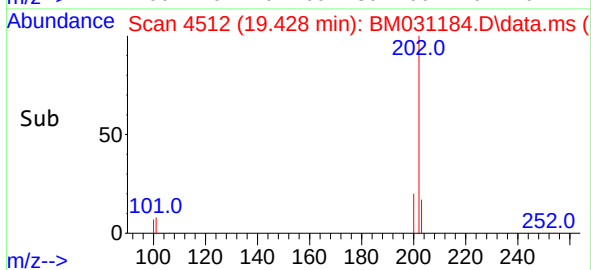
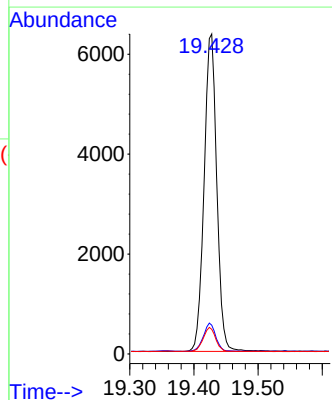
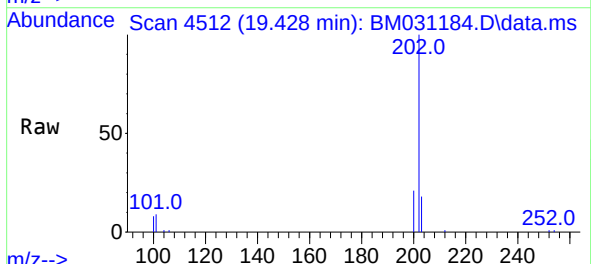
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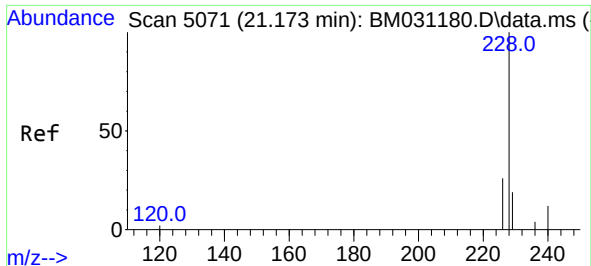
Tgt Ion:	202	Resp:	8597
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.0	9.0
100	6.7	4.8	7.2



#20
Pyrene
Concen: 0.421 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

Tgt Ion:	202	Resp:	8714
Ion Ratio	Lower	Upper	
202	100		
101	9.0	7.4	11.0
100	7.7	6.0	9.0



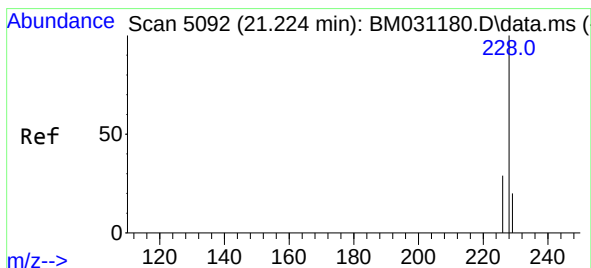
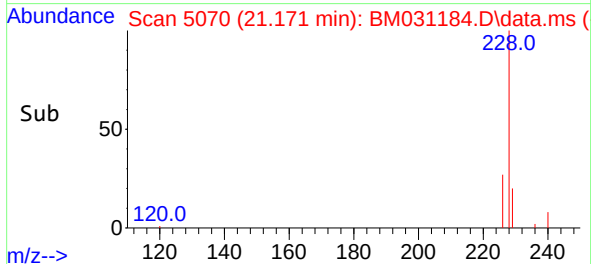
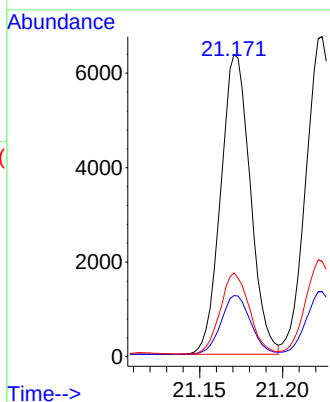
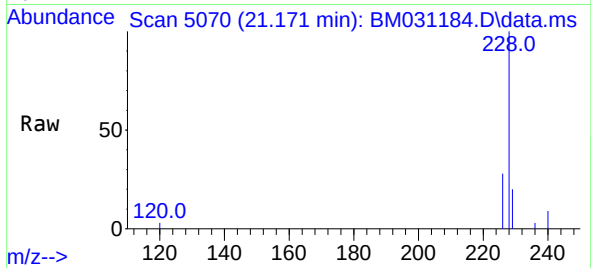


#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.171 min Scan# 5070
Delta R.T. -0.012 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

Instrument :
BNA_M
ClientSampleId :
SLCS779

Tgt Ion:228 Resp: 7887

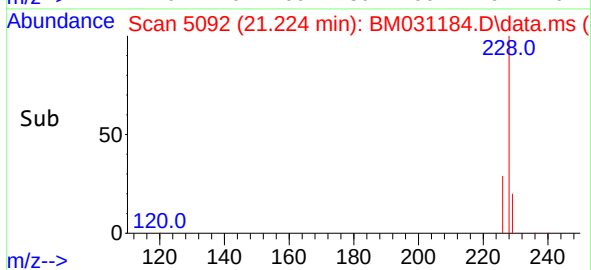
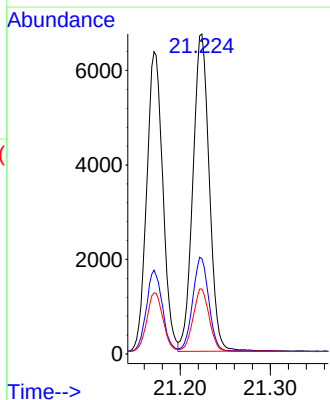
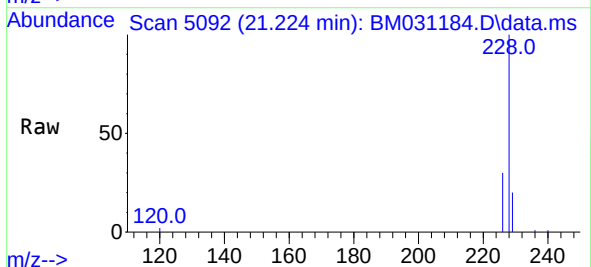
Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.0	24.0
226	27.8	21.4	32.2

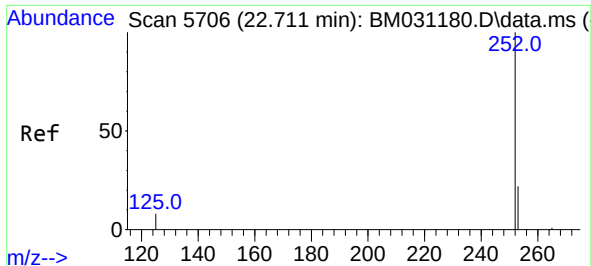


#22
Chrysene
Concen: 0.389 ng/ul
RT: 21.224 min Scan# 5092
Delta R.T. -0.010 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

Tgt Ion:228 Resp: 8471

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.5	36.7
229	20.3	15.8	23.8

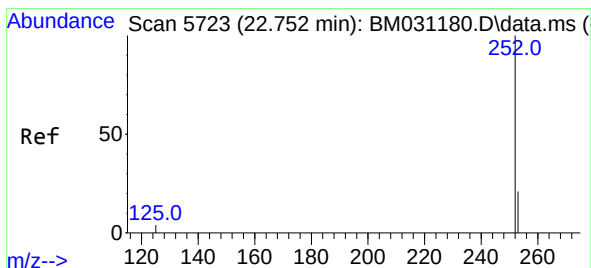
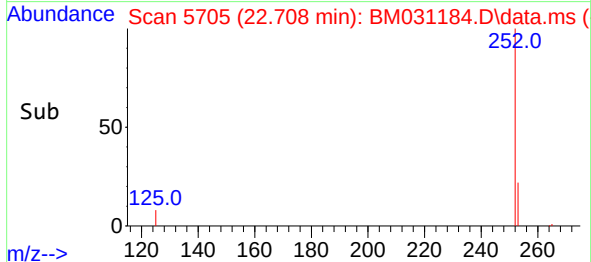
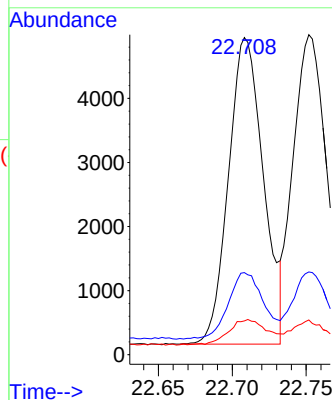
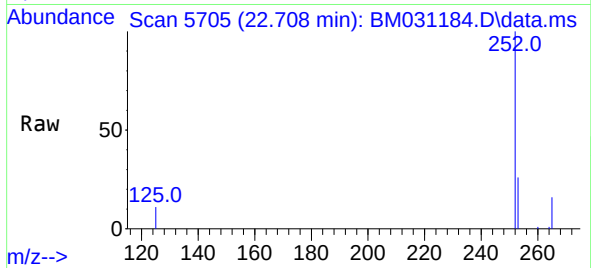




#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 22.708 min Scan# 5705
Delta R.T. -0.017 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

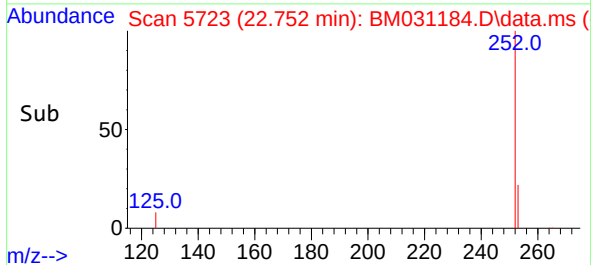
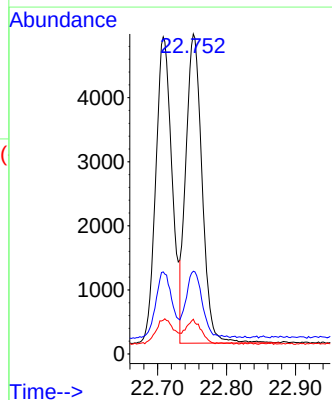
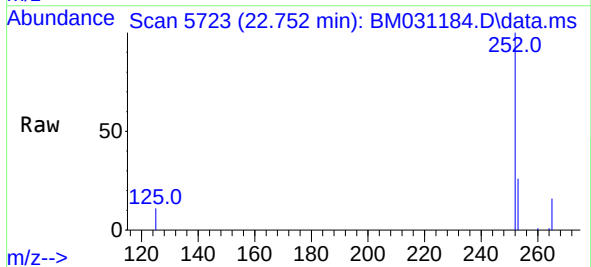
Instrument :
BNA_M
ClientSampled :
SLCS779

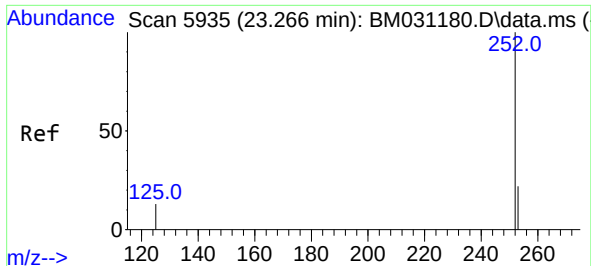
Tgt Ion:252 Resp: 7857
Ion Ratio Lower Upper
252 100
253 25.9 0.0 52.8
125 10.7 0.0 20.2



#25
Benzo(k)fluoranthene
Concen: 0.406 ng/ul
RT: 22.752 min Scan# 5723
Delta R.T. -0.017 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

Tgt Ion:252 Resp: 7867
Ion Ratio Lower Upper
252 100
253 25.8 21.6 32.4
125 10.9 8.6 13.0

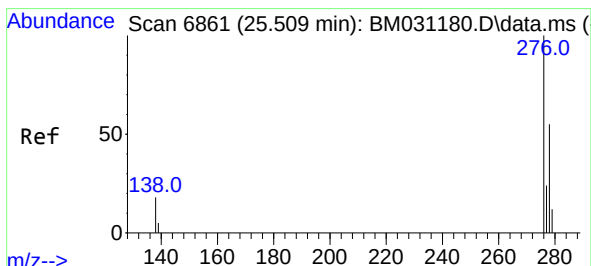
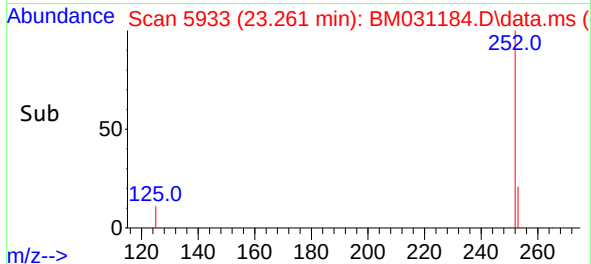
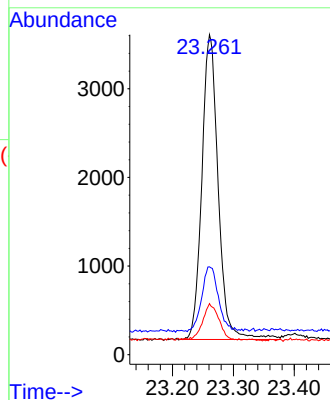
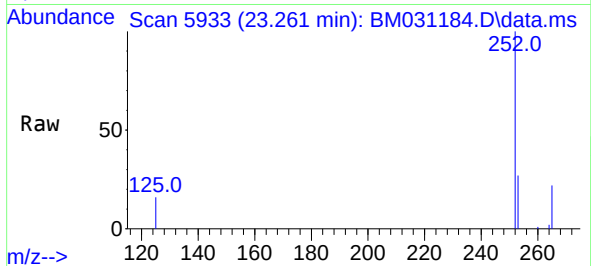




#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.261 min Scan# 5933
Delta R.T. -0.020 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

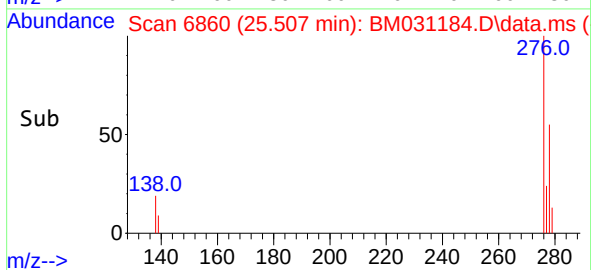
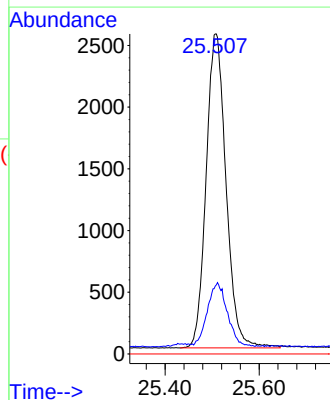
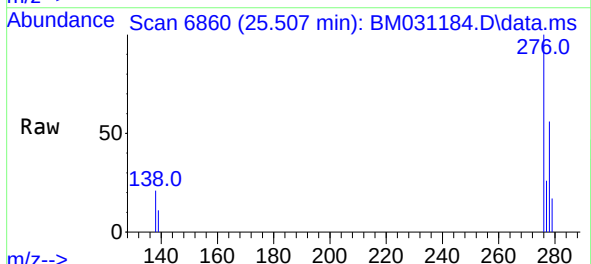
Instrument :
BNA_M
ClientSampled :
SLCS779

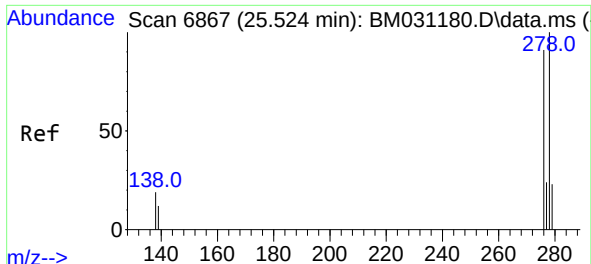
Tgt Ion:	252	Resp:	6413
Ion Ratio	Lower	Upper	
252	100		
253	27.4	23.1	34.7
125	16.0	10.7	16.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng/ul
RT: 25.507 min Scan# 6860
Delta R.T. -0.027 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

Tgt Ion:	276	Resp:	7492
Ion Ratio	Lower	Upper	
276	100		
138	20.2	15.4	23.0
227	0.0	0.0	0.0



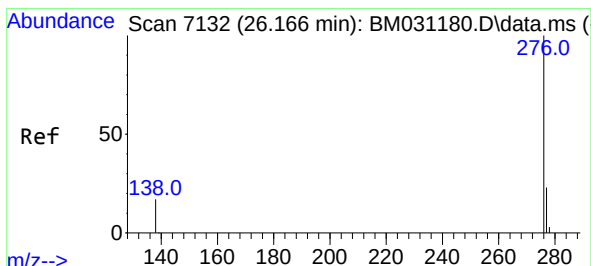
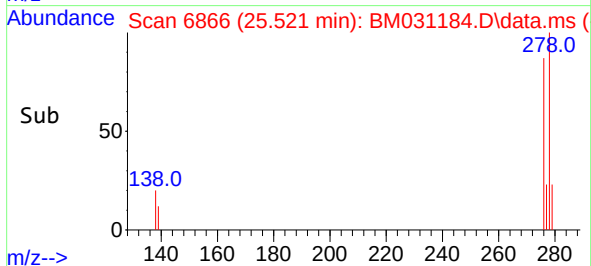
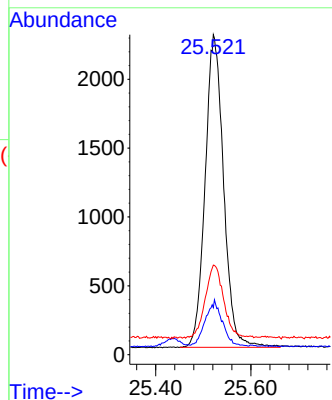
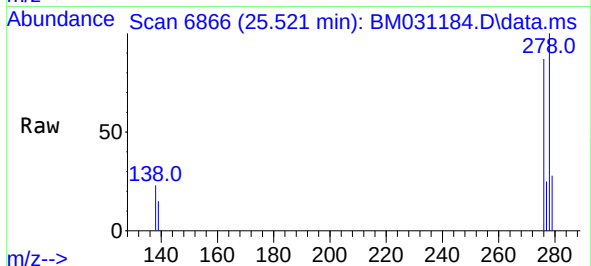


#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 25.521 min Scan# 6866
Delta R.T. -0.032 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

Instrument :
BNA_M
ClientSampleId :
SLCS779

Tgt Ion:278 Resp: 6128

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.6	18.8
279	28.0	22.6	34.0



#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 26.161 min Scan# 7130
Delta R.T. -0.032 min
Lab File: BM031184.D
Acq: 27 Jul 2021 04:53

Tgt Ion:276 Resp: 6228

Ion	Ratio	Lower	Upper
276	100		
138	19.6	14.0	21.0
277	25.0	19.9	29.9

