

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031194.D
 Acq On : 27 Jul 2021 11:38
 Operator : CG/JU
 Sample : PB137827BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS827

Quant Time: Jul 27 12:13:31 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 : Tue Jul 27 11:35:38 2021
 Response via : Initial Calibration

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

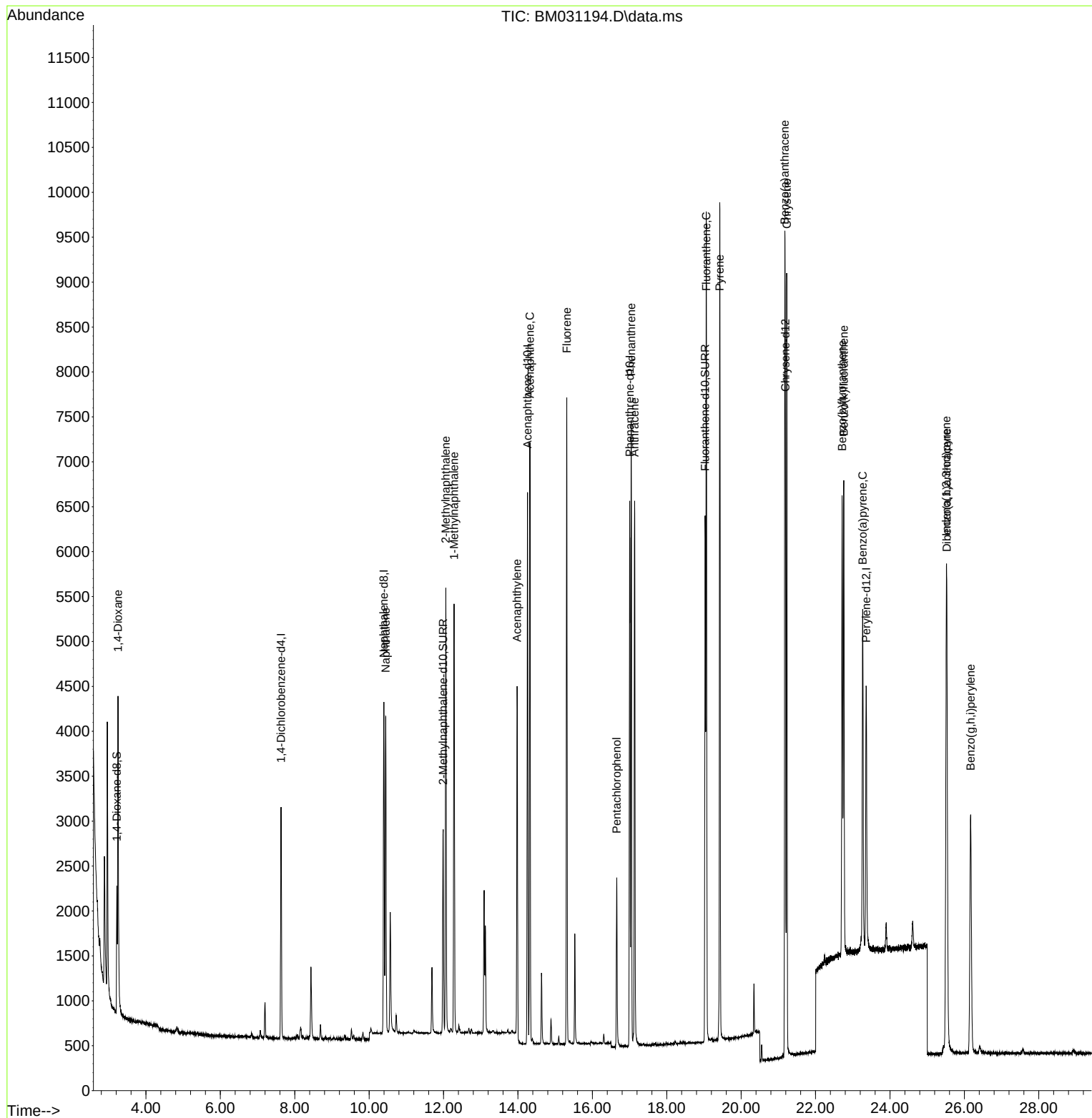
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	1308	0.40	ng/ul	0.00
4) Naphthalene-d8	10.397	136	5051	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.258	164	3410	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.002	188	7332	0.40	ng/ul	0.00
17) Chrysene-d12	21.190	240	5167	0.40	ng/ul	0.00
23) Perylene-d12	23.360	264	3948	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	873	0.64	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	2936	0.33	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	6793	0.43	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.248	88	2270	1.69	ng/ul#	83
5) Naphthalene	10.446	128	4801	0.32	ng/ul	98
7) 2-Methylnaphthalene	12.061	142	3435	0.32	ng/ul	99
8) 1-Methylnaphthalene	12.281	142	3182	0.30	ng/ul	100
10) Acenaphthylene	13.977	152	4291	0.31	ng/ul	99
11) Acenaphthene	14.322	153	3792	0.31	ng/ul	98
12) Fluorene	15.312	166	4489	0.31	ng/ul	98
14) Pentachlorophenol	16.655	266	1265	0.50	ng/ul	98
15) Phenanthrene	17.044	178	7335	0.31	ng/ul	99
16) Anthracene	17.134	178	6772	0.31	ng/ul	99
19) Fluoranthene	19.062	202	8310	0.40	ng/ul	98
20) Pyrene	19.424	202	8315	0.39	ng/ul	98
21) Benzo(a)anthracene	21.173	228	6886	0.33	ng/ul	98
22) Chrysene	21.224	228	7353	0.33	ng/ul	99
24) Benzo(b)fluoranthene	22.713	252	6295	0.34	ng/ul	98
25) Benzo(k)fluoranthene	22.757	252	6578	0.35	ng/ul	99
26) Benzo(a)pyrene	23.266	252	5274	0.33	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.516	276	6480	0.31	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.529	278	5243	0.31	ng/ul	98
29) Benzo(g,h,i)perylene	26.168	276	5462	0.31	ng/ul	97

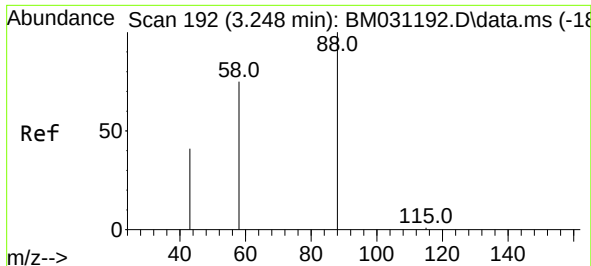
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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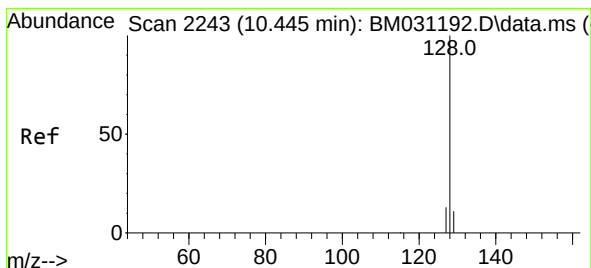
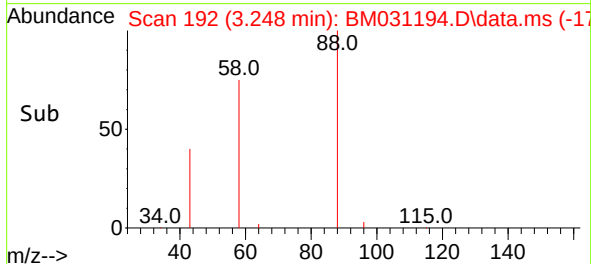
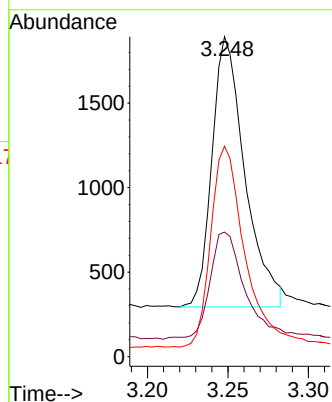
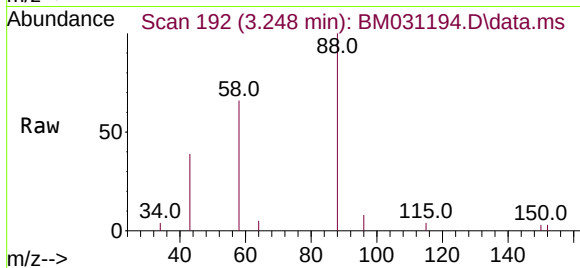




#2
1,4-Dioxane
Concen: 1.69 ng/ul
RT: 3.248 min Scan# 192
Delta R.T. 0.000 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

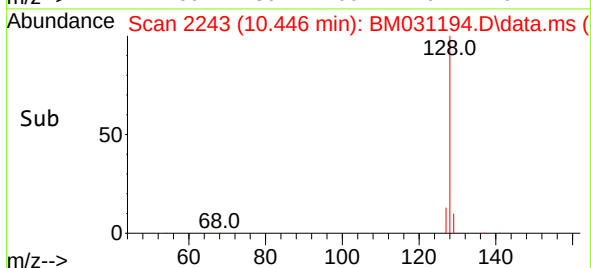
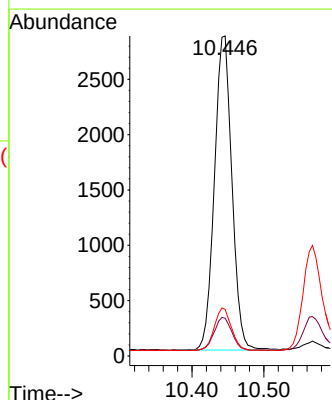
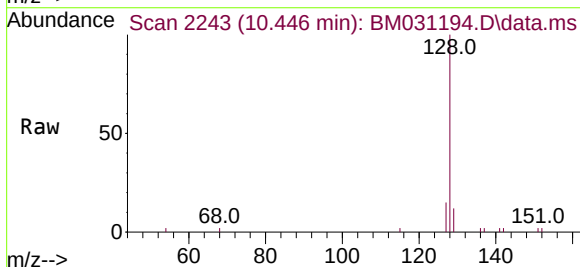
Instrument :
BNA_M
ClientSampled :
SLCS827

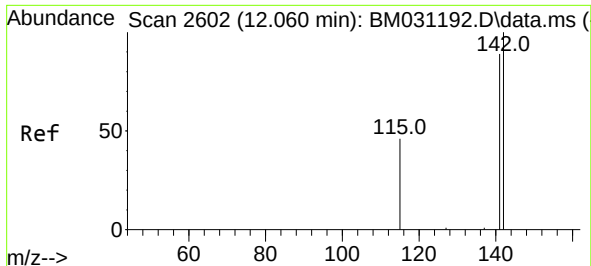
Tgt Ion:	88	Resp:	2270
Ion	Ratio	Lower	Upper
88	100		
43	38.9	35.2	52.8
58	65.8	39.1	58.7#



#5
Naphthalene
Concen: 0.32 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. 0.001 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

Tgt Ion:	128	Resp:	4801
Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.2	15.4
127	14.5	11.8	17.8

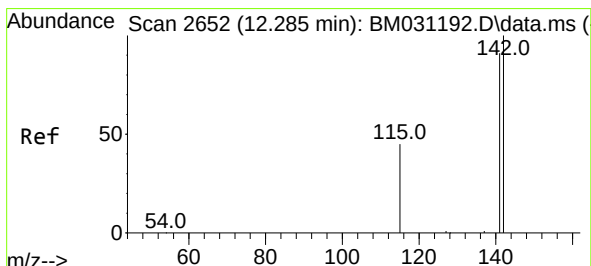
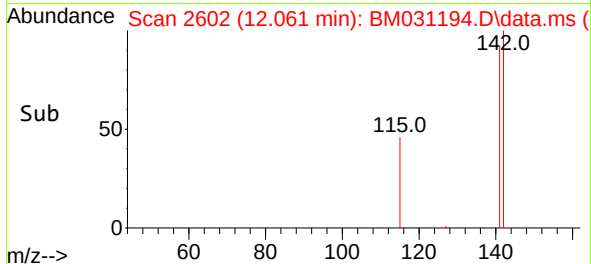
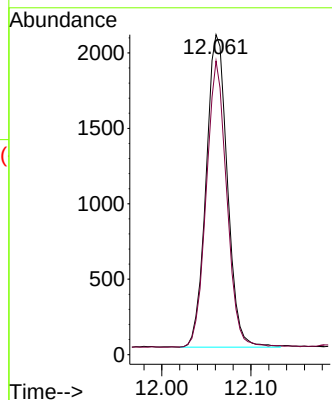
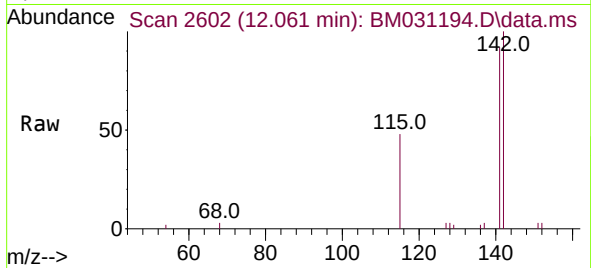




#7
2-Methylnaphthalene
Concen: 0.32 ng/ul
RT: 12.061 min Scan# 2602
Delta R.T. 0.001 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

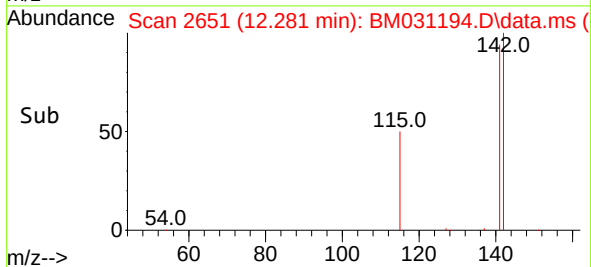
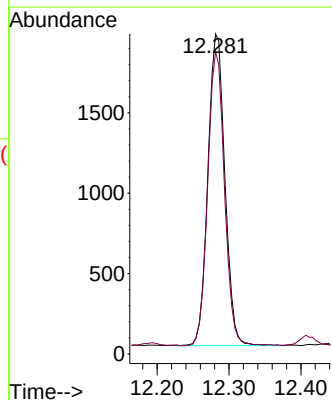
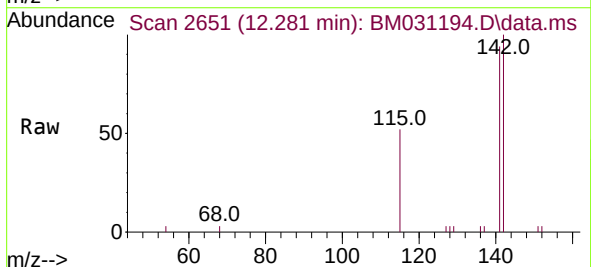
Instrument :
BNA_M
ClientSampled :
SLCS827

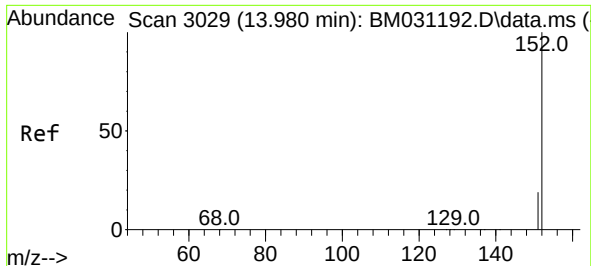
Tgt Ion:142 Resp: 3435
Ion Ratio Lower Upper
142 100
141 88.6 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.30 ng/ul
RT: 12.281 min Scan# 2651
Delta R.T. -0.003 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

Tgt Ion:142 Resp: 3182
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4

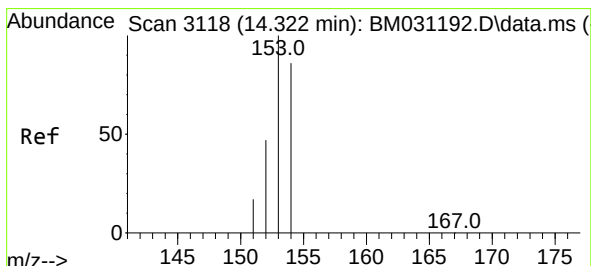
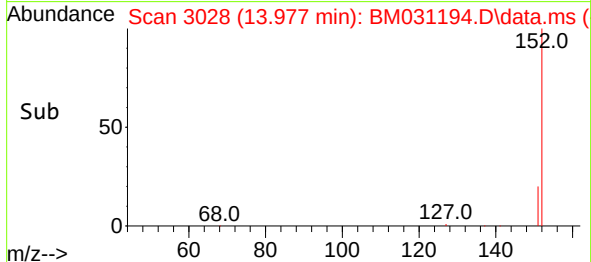
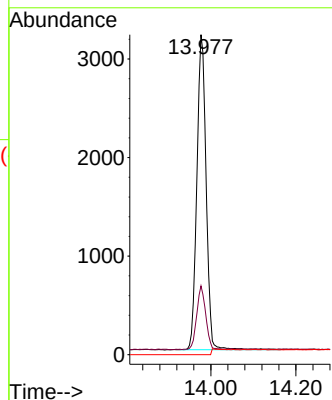
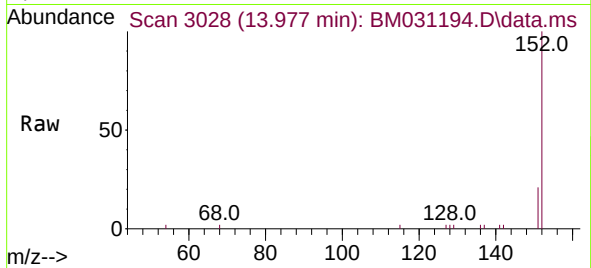




#10
Acenaphthylene
Concen: 0.31 ng/ul
RT: 13.977 min Scan# 3028
Delta R.T. -0.003 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

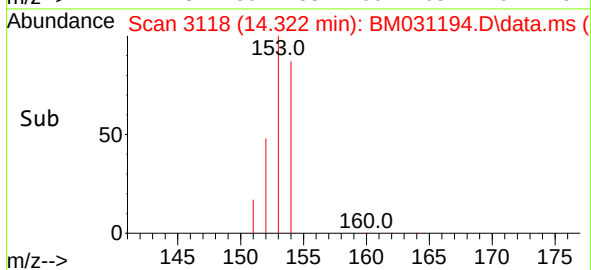
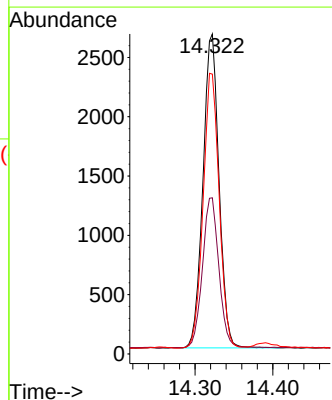
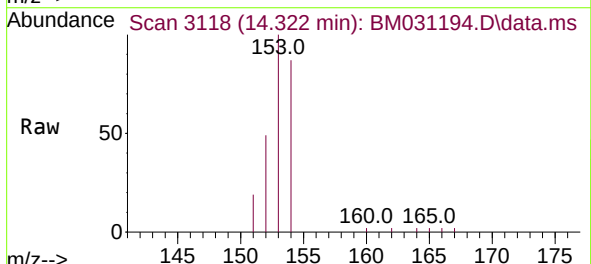
Instrument :
BNA_M
ClientSampleId :
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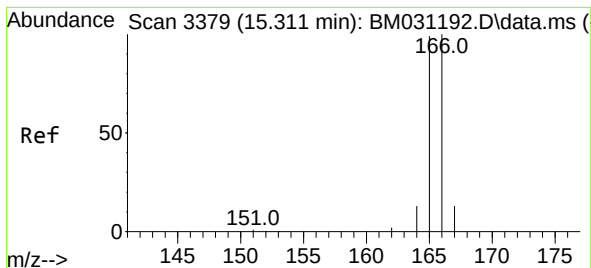
Tgt Ion:152 Resp: 4291
Ion Ratio Lower Upper
152 100
151 21.5 17.5 26.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.31 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

Tgt Ion:153 Resp: 3792
Ion Ratio Lower Upper
153 100
152 48.8 39.4 59.2
154 87.5 68.2 102.4





#12

Fluorene

Concen: 0.31 ng/ul

RT: 15.312 min Scan# 3379

Delta R.T. 0.000 min

Lab File: BM031194.D

Acq: 27 Jul 2021 11:38

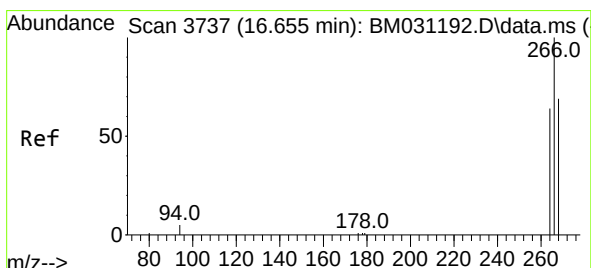
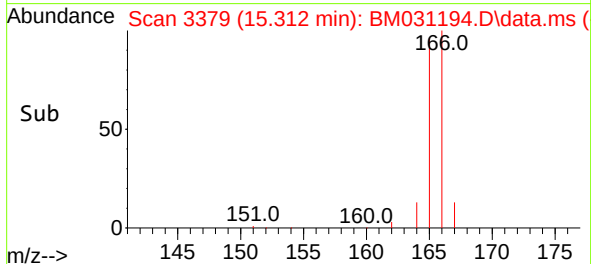
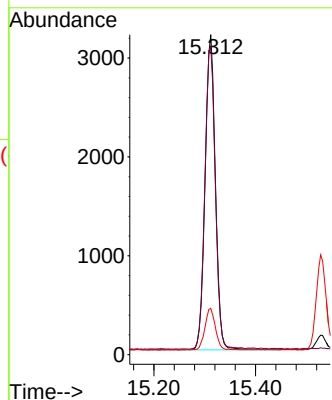
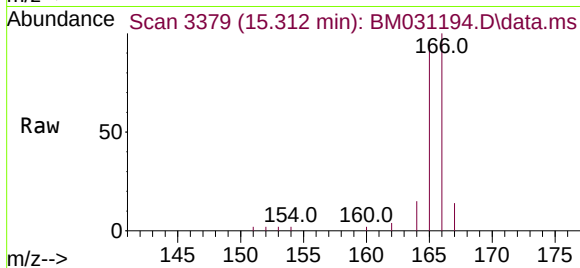
Tgt Ion:166 Resp: 4489

Ion Ratio Lower Upper

166 100

165 96.3 78.2 117.2

167 14.5 12.3 18.5



#14

Pentachlorophenol

Concen: 0.50 ng/ul

RT: 16.655 min Scan# 3737

Delta R.T. 0.000 min

Lab File: BM031194.D

Acq: 27 Jul 2021 11:38

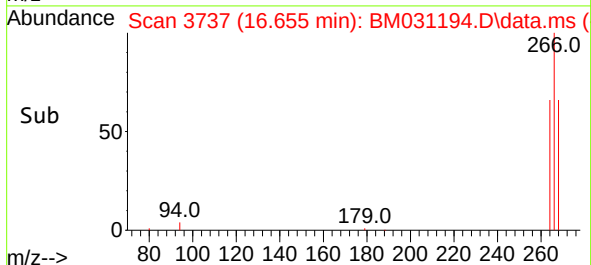
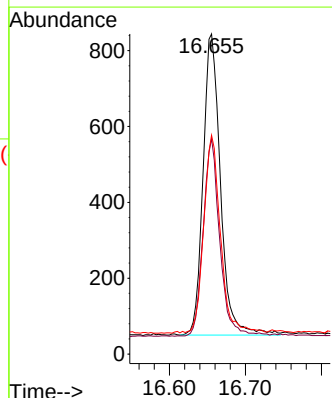
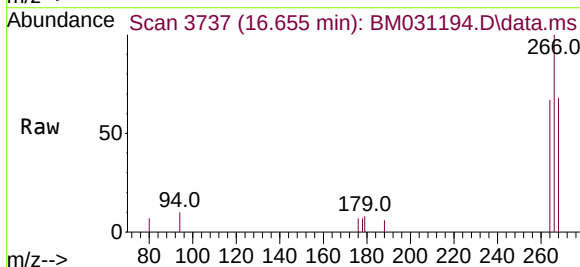
Tgt Ion:266 Resp: 1265

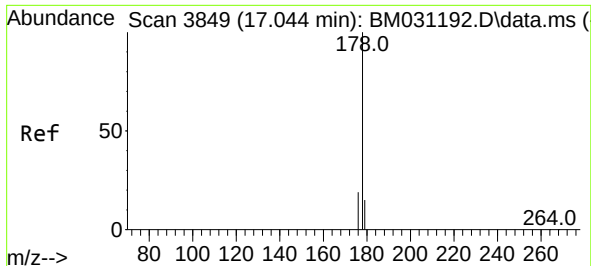
Ion Ratio Lower Upper

266 100

264 62.3 50.9 76.3

268 62.7 51.2 76.8

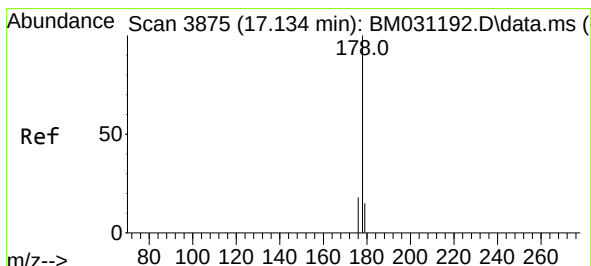
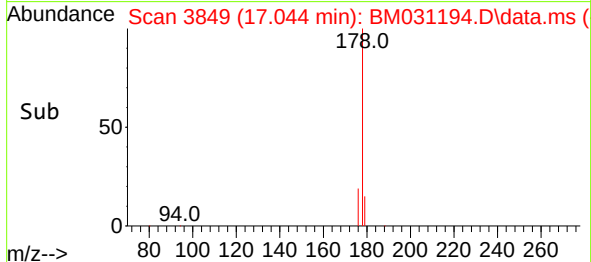
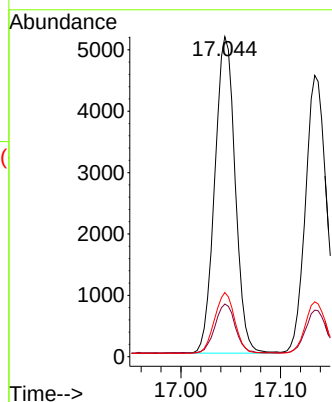
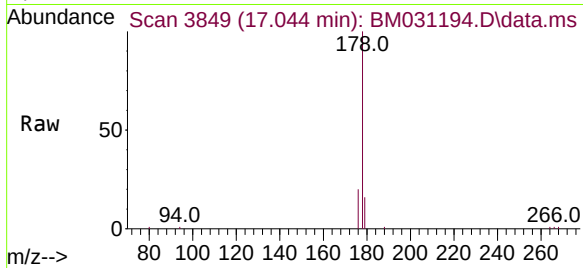




#15
Phenanthrene
Concen: 0.31 ng/ul
RT: 17.044 min Scan# 3849
Delta R.T. 0.000 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

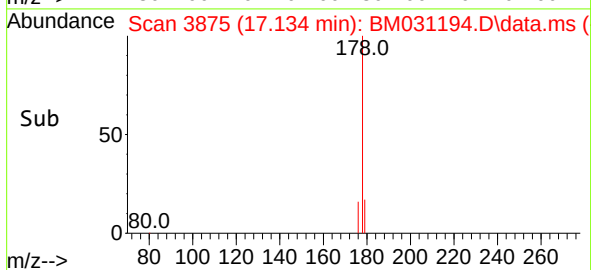
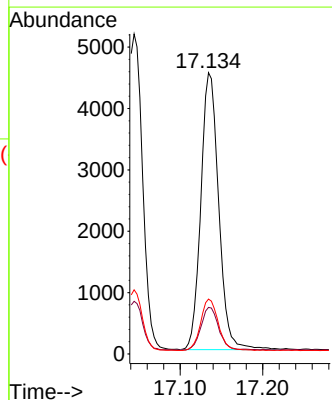
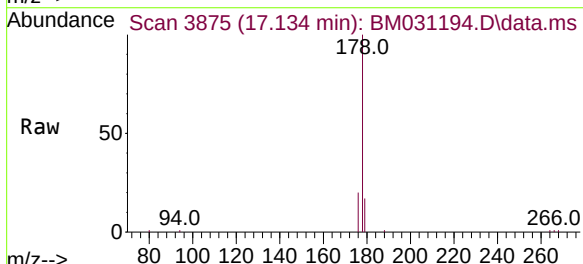
Instrument :
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SLCS827

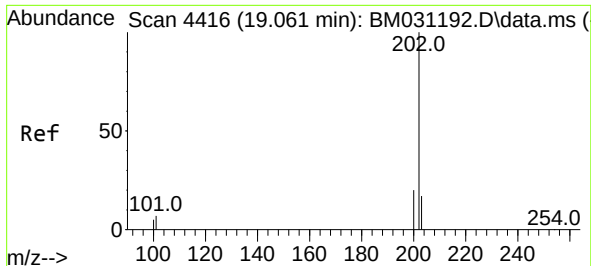
Tgt Ion:178	Resp:	7335
Ion Ratio	Lower	Upper
178	100	
179	16.5	13.3 19.9
176	20.1	15.4 23.2



#16
Anthracene
Concen: 0.31 ng/ul
RT: 17.134 min Scan# 3875
Delta R.T. 0.000 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

Tgt Ion:178	Resp:	6772
Ion Ratio	Lower	Upper
178	100	
179	16.6	13.8 20.8
176	19.5	15.7 23.5

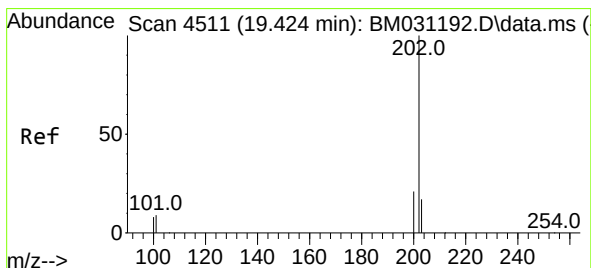
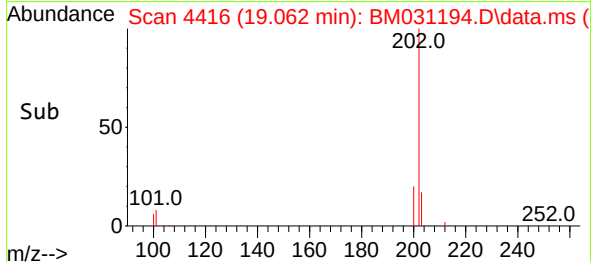
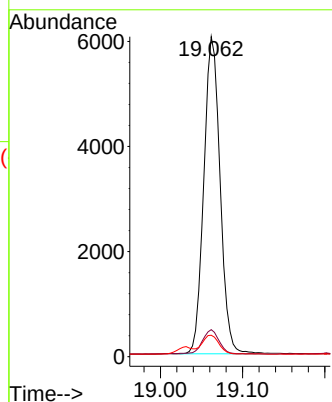
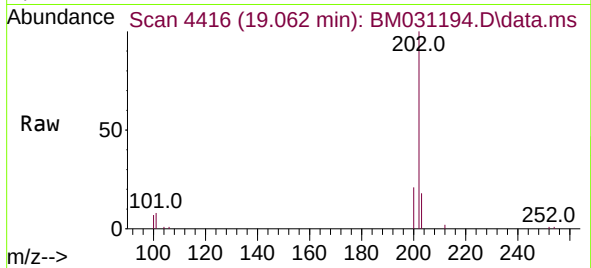




#19
Fluoranthene
Concen: 0.40 ng/ul
RT: 19.062 min Scan# 4416
Delta R.T. 0.000 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

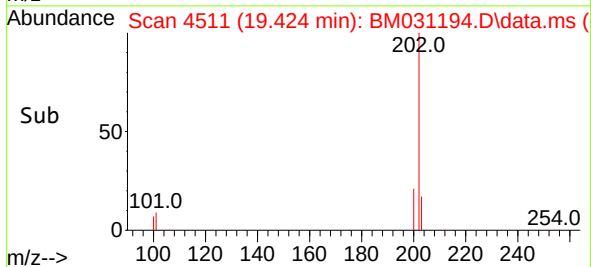
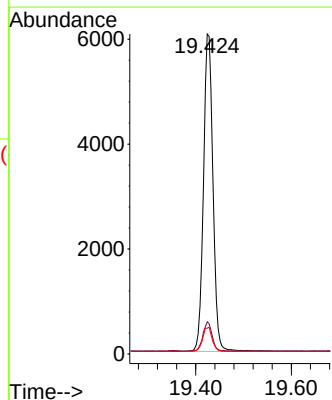
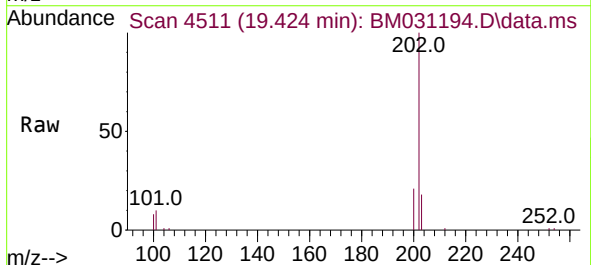
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BNA_M
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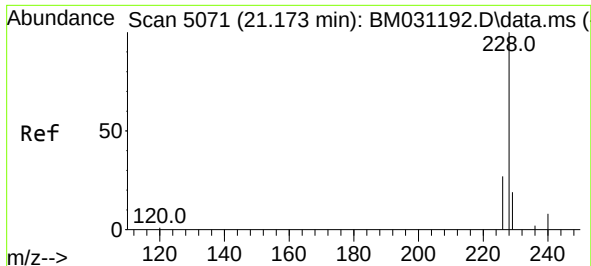
Tgt Ion:202	Resp:	8310
Ion Ratio	Lower	Upper
202	100	
101	8.4	6.0 9.0
100	6.7	4.8 7.2



#20
Pyrene
Concen: 0.39 ng/ul
RT: 19.424 min Scan# 4511
Delta R.T. 0.000 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

Tgt Ion:202	Resp:	8315
Ion Ratio	Lower	Upper
202	100	
101	10.0	7.4 11.0
100	8.1	6.0 9.0

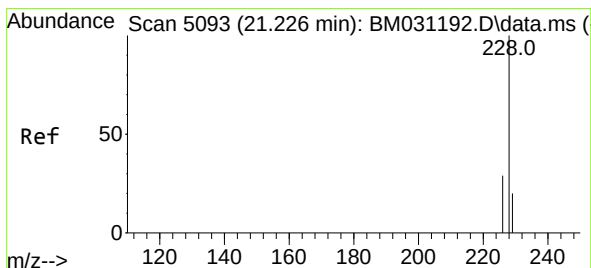
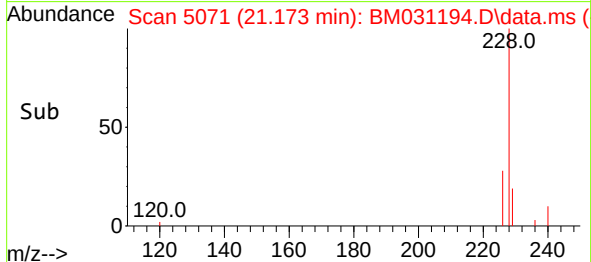
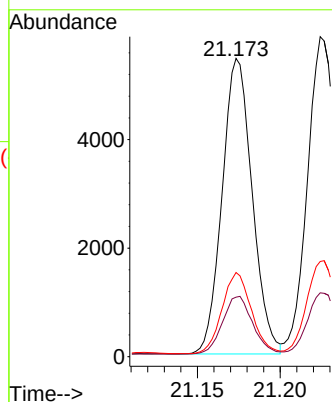
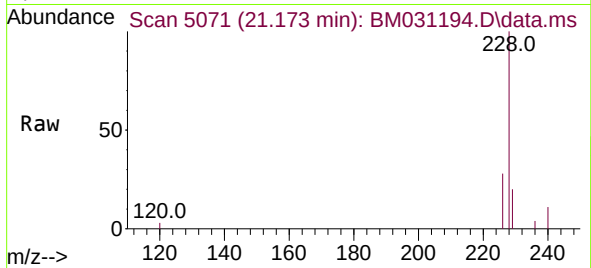




#21
Benzo(a)anthracene
Concen: 0.33 ng/ul
RT: 21.173 min Scan# 5071
Delta R.T. 0.000 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

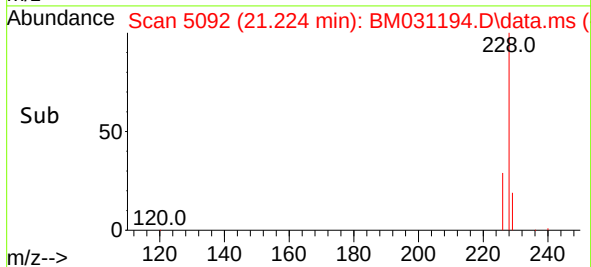
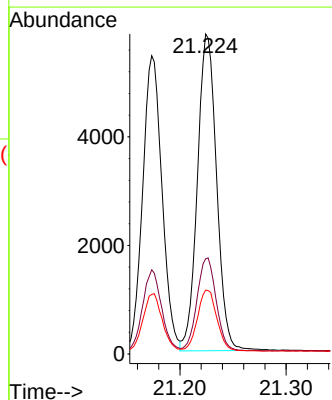
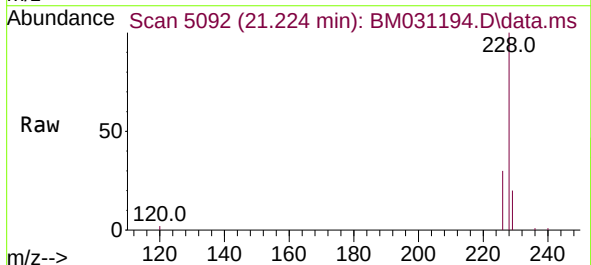
Instrument :
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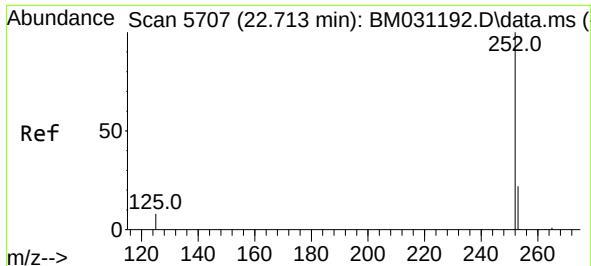
Tgt Ion:228 Resp: 6886
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 28.2 21.4 32.2



#22
Chrysene
Concen: 0.33 ng/ul
RT: 21.224 min Scan# 5092
Delta R.T. -0.002 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

Tgt Ion:228 Resp: 7353
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 20.0 15.8 23.8

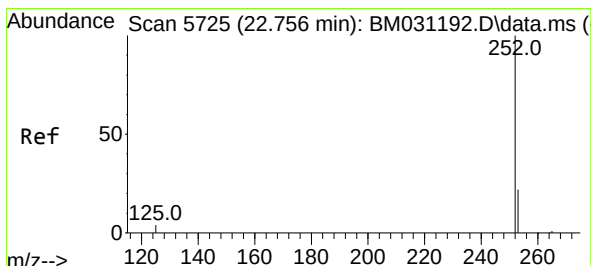
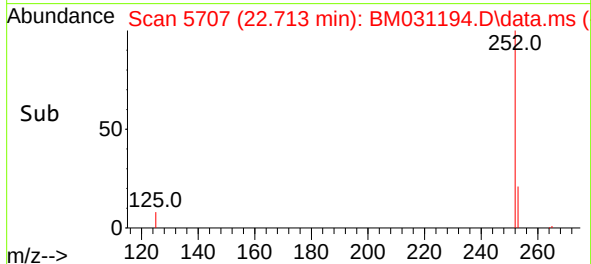
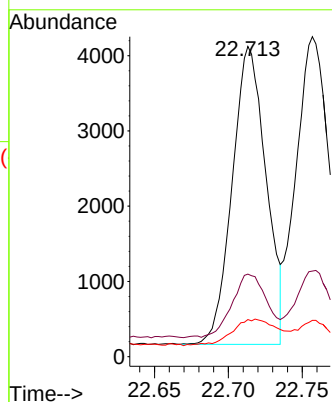
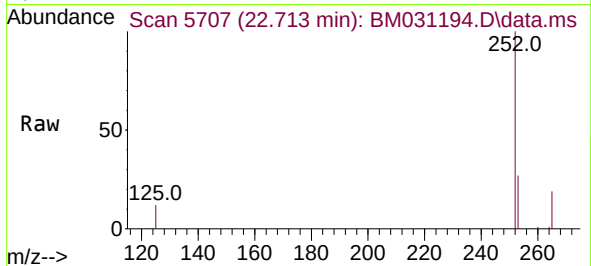




#24
Benzo(b)fluoranthene
Concen: 0.34 ng/ul
RT: 22.713 min Scan# 5707
Delta R.T. 0.000 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

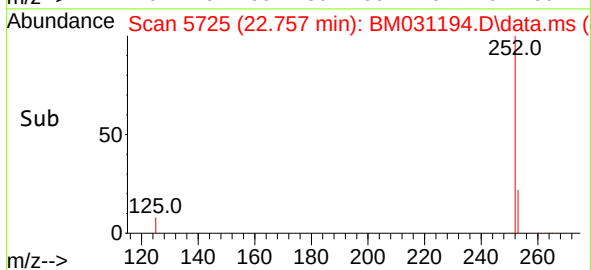
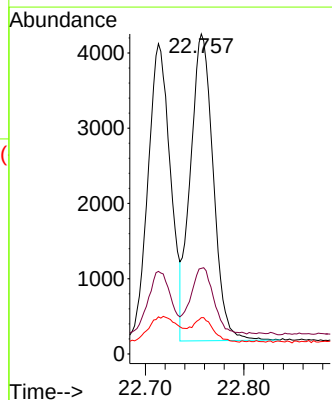
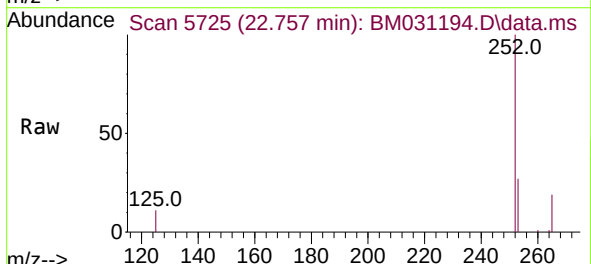
Instrument :
BNA_M
ClientSampleId :
SLCS827

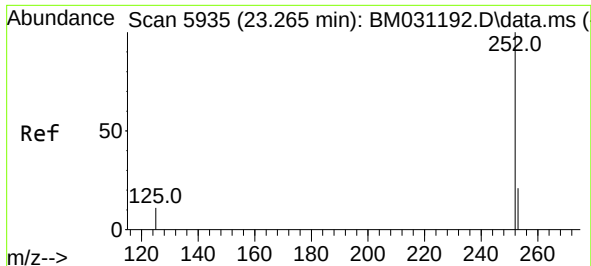
Tgt Ion:252	Resp:	6295
Ion Ratio	Lower	Upper
252	100	
253	26.6	0.0 52.8
125	12.0	0.0 20.2



#25
Benzo(k)fluoranthene
Concen: 0.35 ng/ul
RT: 22.757 min Scan# 5725
Delta R.T. 0.000 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

Tgt Ion:252	Resp:	6578
Ion Ratio	Lower	Upper
252	100	
253	26.7	21.6 32.4
125	11.4	8.6 13.0

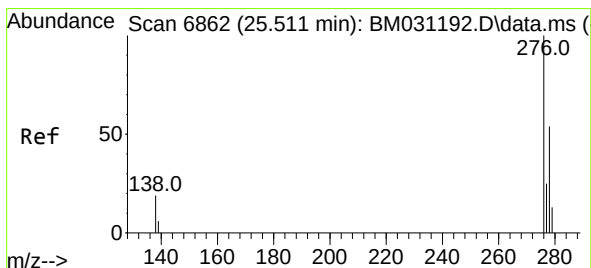
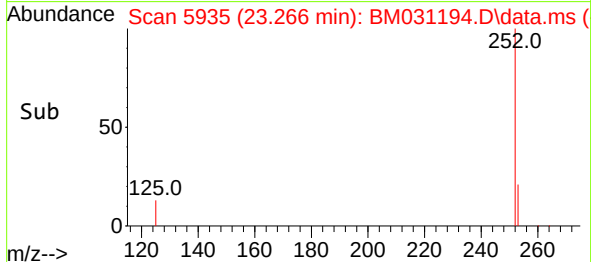
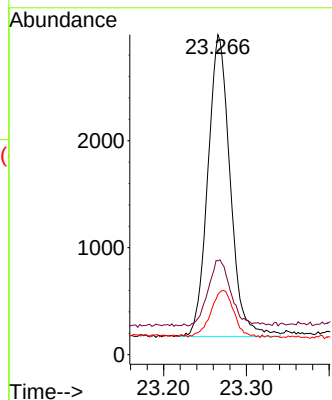
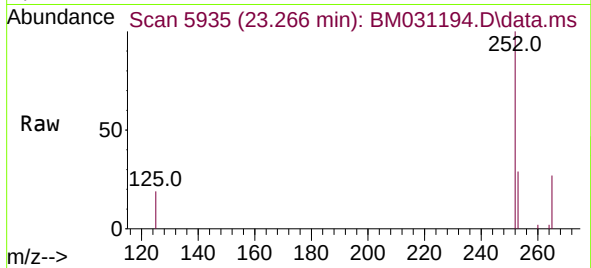




#26
Benzo(a)pyrene
Concen: 0.33 ng/ul
RT: 23.266 min Scan# 5935
Delta R.T. 0.000 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

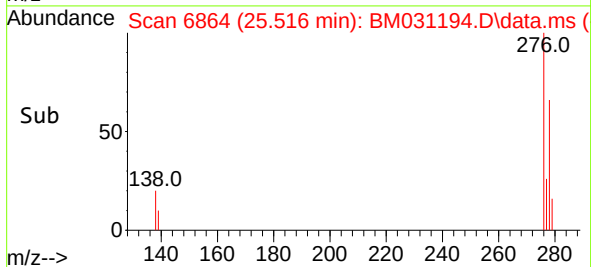
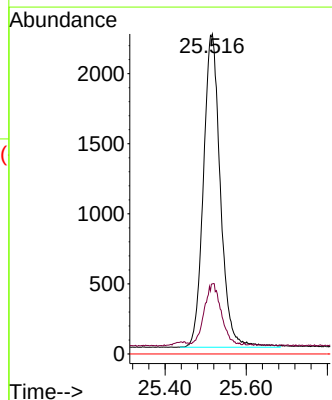
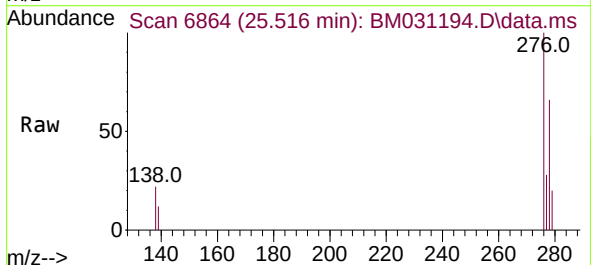
Instrument :
BNA_M
ClientSampleId :
SLCS827

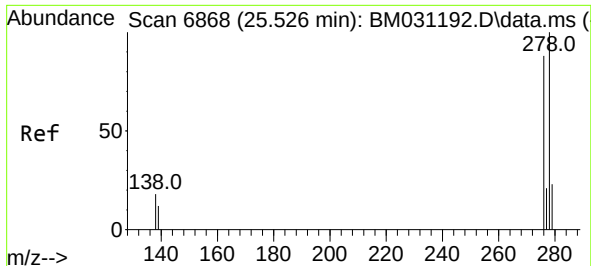
Tgt Ion:252 Resp: 5274
Ion Ratio Lower Upper
252 100
253 29.4 23.1 34.7
125 18.8 10.7 16.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.31 ng/ul
RT: 25.516 min Scan# 6864
Delta R.T. 0.005 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

Tgt Ion:276 Resp: 6480
Ion Ratio Lower Upper
276 100
138 19.4 15.4 23.0
227 0.0 0.0 0.0

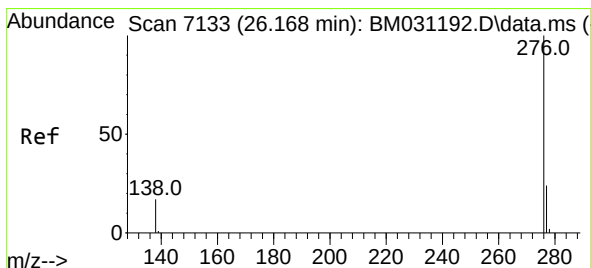
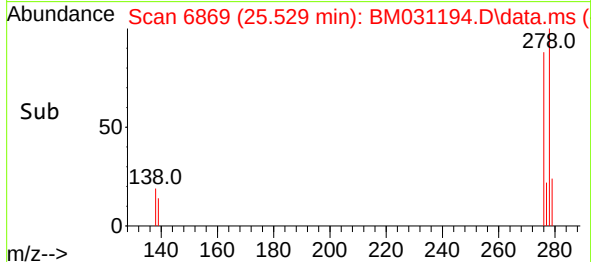
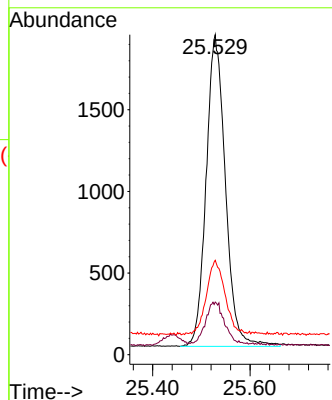
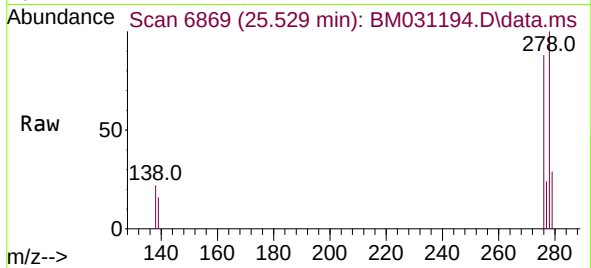




#28
Dibenzo(a,h)anthracene
Concen: 0.31 ng/ul
RT: 25.529 min Scan# 6869
Delta R.T. 0.003 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

Instrument :
BNA_M
ClientSampleId :
SLCS827

Tgt Ion:278 Resp: 5243
Ion Ratio Lower Upper
278 100
139 16.4 12.6 18.8
279 29.5 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.31 ng/ul
RT: 26.168 min Scan# 7133
Delta R.T. 0.000 min
Lab File: BM031194.D
Acq: 27 Jul 2021 11:38

Tgt Ion:276 Resp: 5462
Ion Ratio Lower Upper
276 100
138 19.6 14.0 21.0
277 26.1 19.9 29.9

