

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031167.D
 Acq On : 26 Jul 2021 17:41
 Operator : CG/JU
 Sample : PB137838BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS838

Quant Time: Jul 26 18:11:21 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 17:09:27 2021
 Response via : Initial Calibration

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

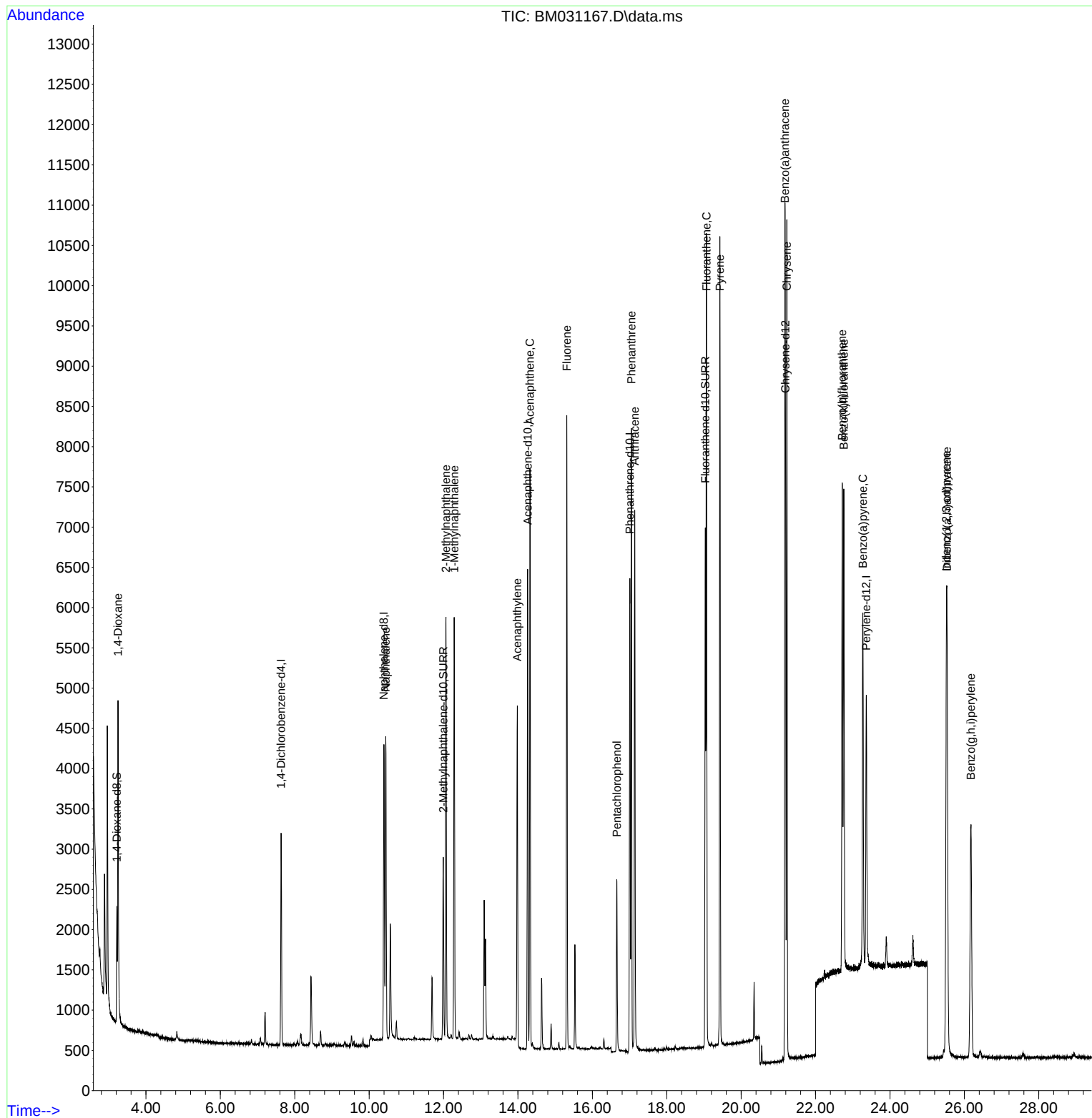
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	1282	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	4983	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	3308	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7277	0.400	ng/ul	0.00
17) Chrysene-d12	21.193	240	5579	0.400	ng/ul	0.00
23) Perylene-d12	23.363	264	4185	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	913	0.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	3041	0.348	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	7276	0.428	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.248	88	2481	1.885	ng/ul#	83
5) Naphthalene	10.446	128	5150	0.346	ng/ul	99
7) 2-Methylnaphthalene	12.065	142	3664	0.342	ng/ul	100
8) 1-Methylnaphthalene	12.286	142	3391	0.324	ng/ul	100
10) Acenaphthylene	13.981	152	4690	0.347	ng/ul	98
11) Acenaphthene	14.322	153	4053	0.339	ng/ul	99
12) Fluorene	15.312	166	4757	0.338	ng/ul	99
14) Pentachlorophenol	16.659	266	1429	0.567	ng/ul	97
15) Phenanthrene	17.048	178	7988	0.346	ng/ul	99
16) Anthracene	17.138	178	7386	0.341	ng/ul	99
19) Fluoranthene	19.066	202	9158	0.408	ng/ul	98
20) Pyrene	19.428	202	9064	0.395	ng/ul	99
21) Benzo(a)anthracene	21.176	228	8081	0.363	ng/ul	99
22) Chrysene	21.227	228	8516	0.353	ng/ul	99
24) Benzo(b)fluoranthene	22.718	252	7476	0.380	ng/ul	99
25) Benzo(k)fluoranthene	22.757	252	7676	0.384	ng/ul	98
26) Benzo(a)pyrene	23.270	252	6184	0.364	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.516	276	7330	0.329	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.533	278	6017	0.337	ng/ul	99
29) Benzo(g,h,i)perylene	26.178	276	6121	0.324	ng/ul	97

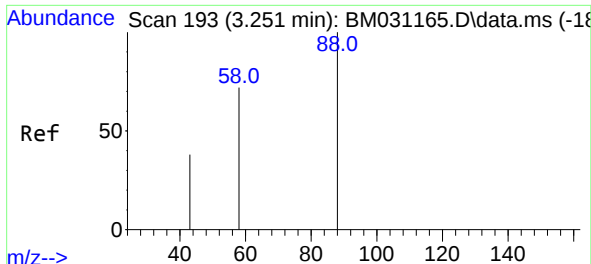
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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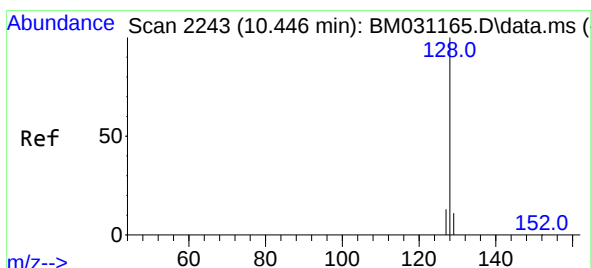
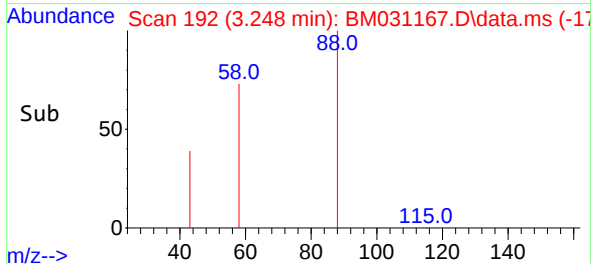
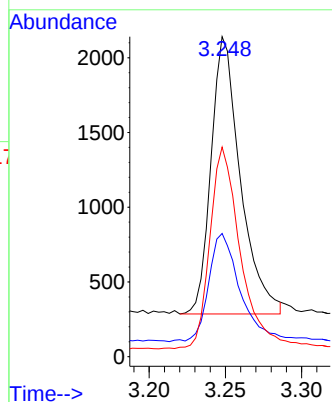
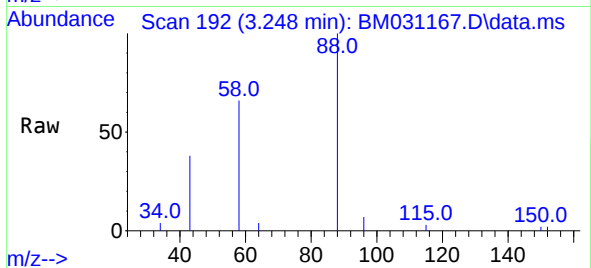




#2
1,4-Dioxane
Concen: 1.885 ng/ul
RT: 3.248 min Scan# 192
Delta R.T. -0.003 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

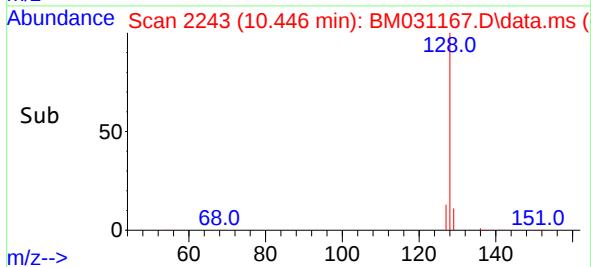
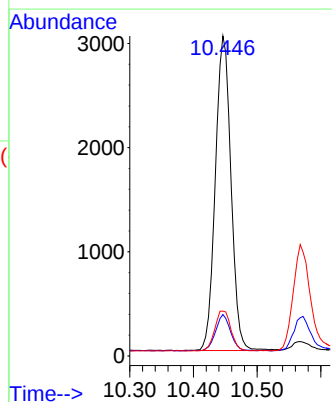
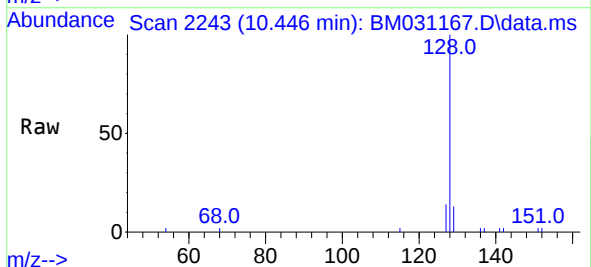
Instrument :
BNA_M
ClientSampleId :
SLCS838

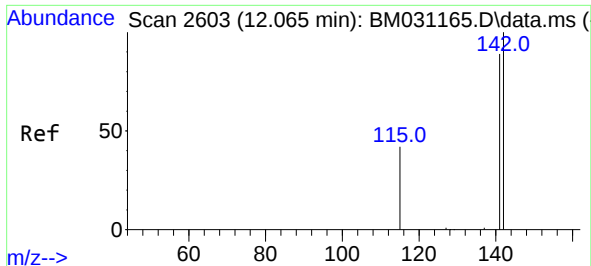
Tgt Ion:	88	Resp:	2481
Ion	Ratio	Lower	Upper
88	100		
43	38.5	35.2	52.8
58	65.5	39.1	58.7#



#5
Naphthalene
Concen: 0.346 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.000 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

Tgt Ion:	128	Resp:	5150
Ion	Ratio	Lower	Upper
128	100		
129	13.0	10.2	15.4
127	14.0	11.8	17.8

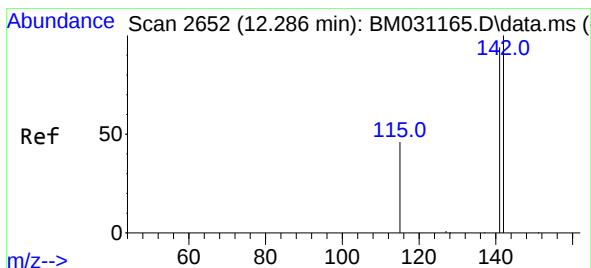
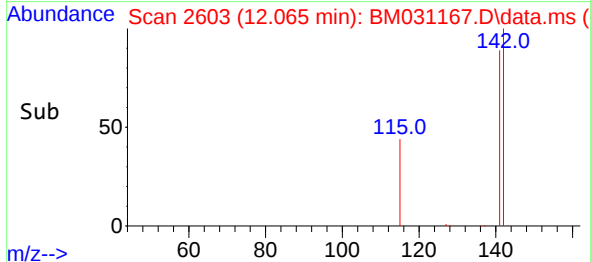
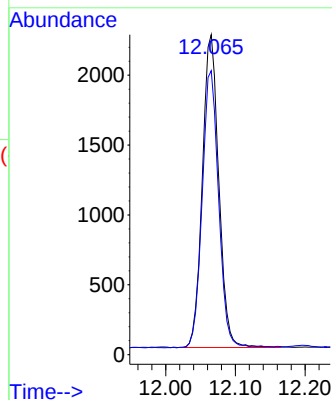
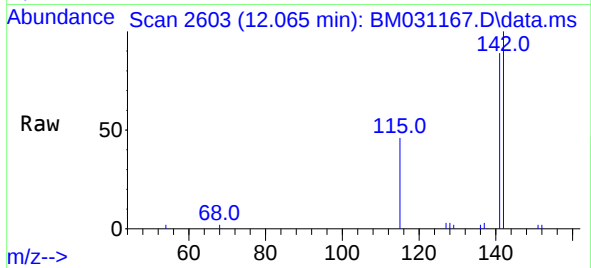




#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.065 min Scan# 2603
Delta R.T. -0.000 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

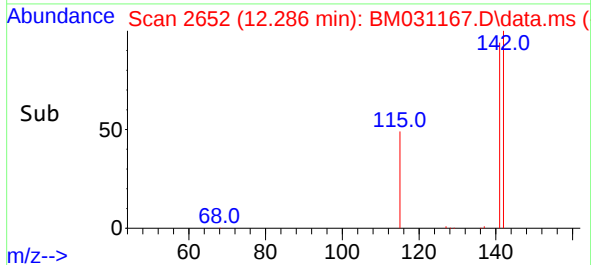
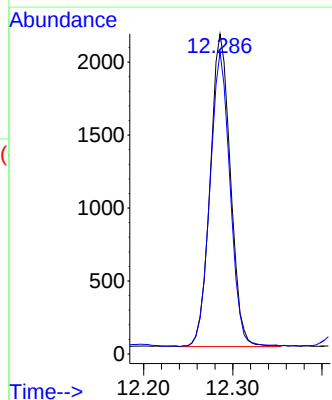
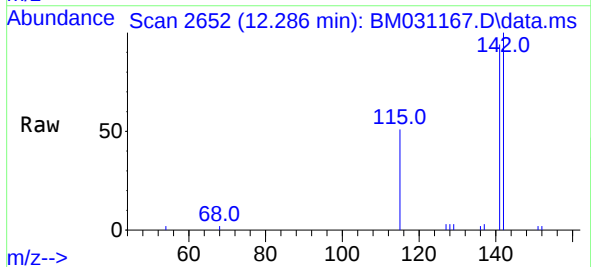
Instrument :
BNA_M
ClientSampled :
SLCS838

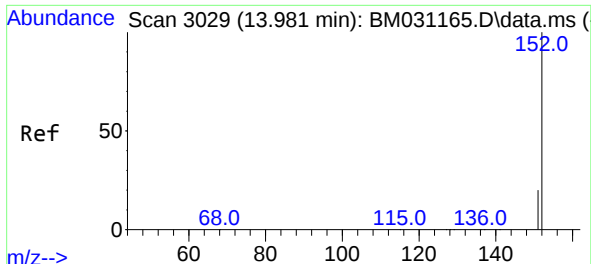
Tgt Ion:142 Resp: 3664
Ion Ratio Lower Upper
142 100
141 89.0 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.286 min Scan# 2652
Delta R.T. -0.000 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

Tgt Ion:142 Resp: 3391
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4

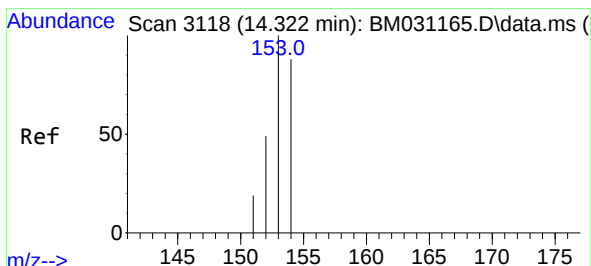
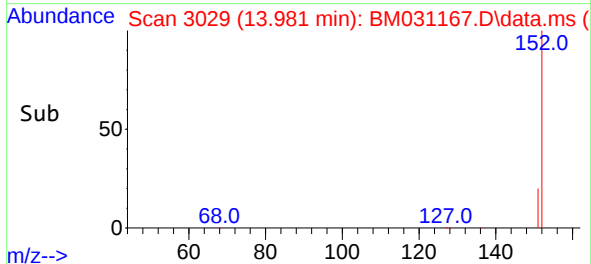
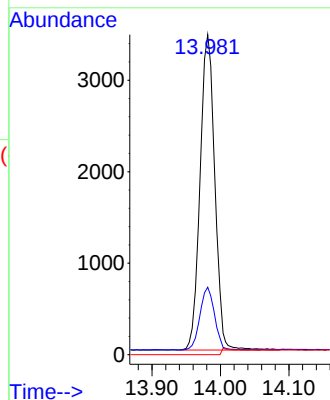
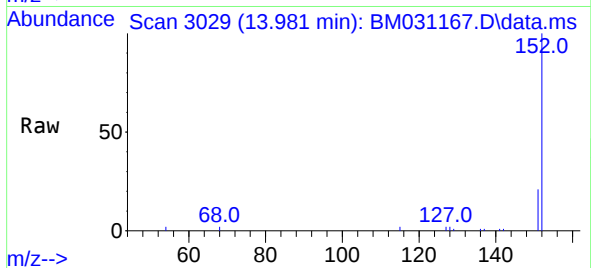




#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.000 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

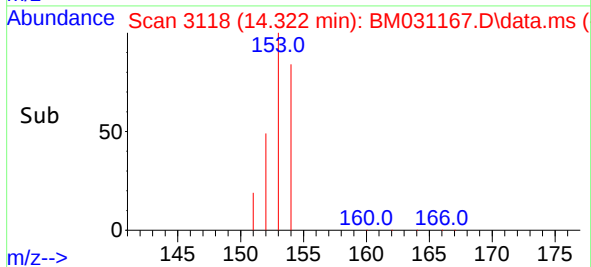
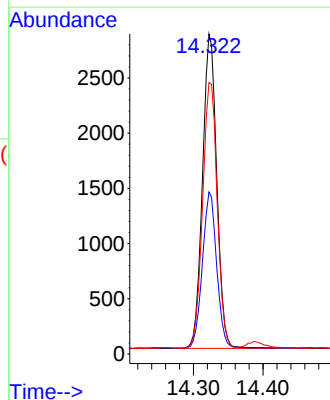
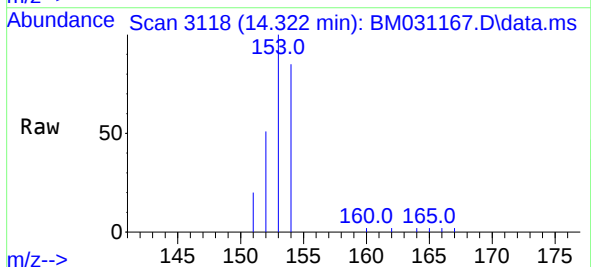
Instrument :
BNA_M
ClientSampled :
SLCS838

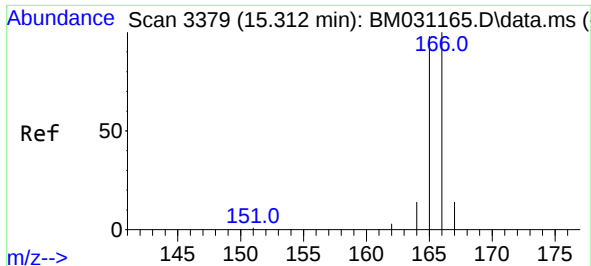
Tgt Ion:152 Resp: 4690
Ion Ratio Lower Upper
152 100
151 21.1 17.5 26.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.339 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

Tgt Ion:153 Resp: 4053
Ion Ratio Lower Upper
153 100
152 50.6 39.4 59.2
154 84.8 68.2 102.4

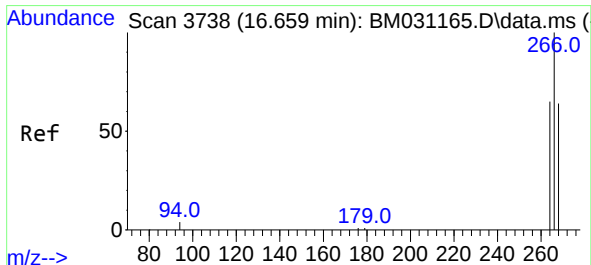
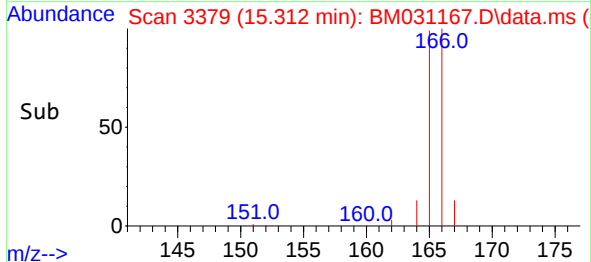
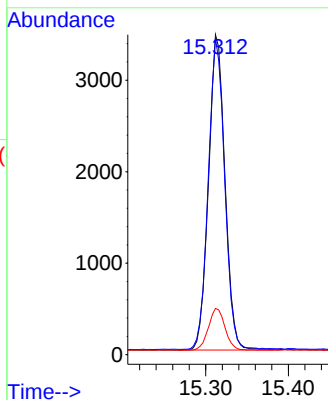
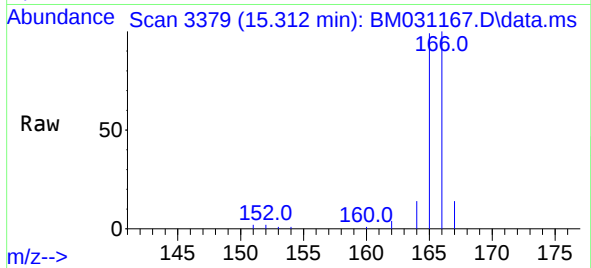




#12
Fluorene
Concen: 0.338 ng/ul
RT: 15.312 min Scan# 3379
Delta R.T. -0.000 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

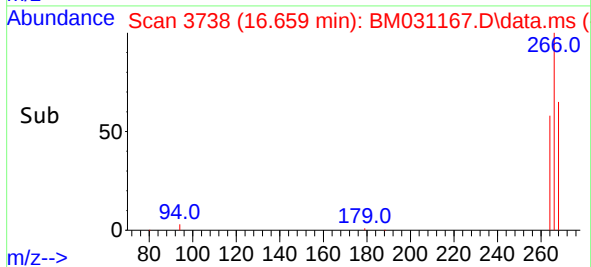
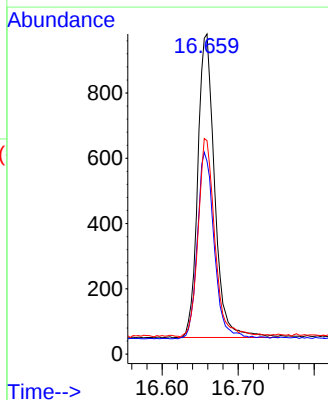
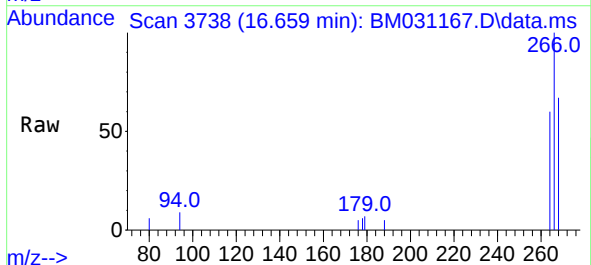
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ClientSampled :
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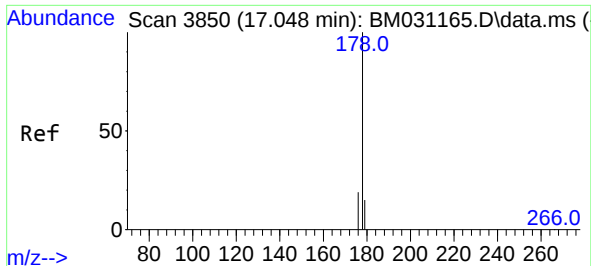
Tgt Ion:166 Resp: 4757
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.2
167 14.5 12.3 18.5



#14
Pentachlorophenol
Concen: 0.567 ng/ul
RT: 16.659 min Scan# 3738
Delta R.T. -0.000 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

Tgt Ion:266 Resp: 1429
Ion Ratio Lower Upper
266 100
264 61.6 50.9 76.3
268 65.9 51.2 76.8

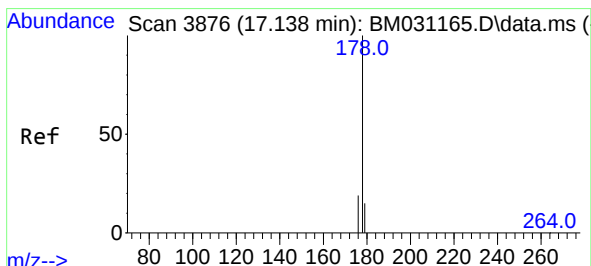
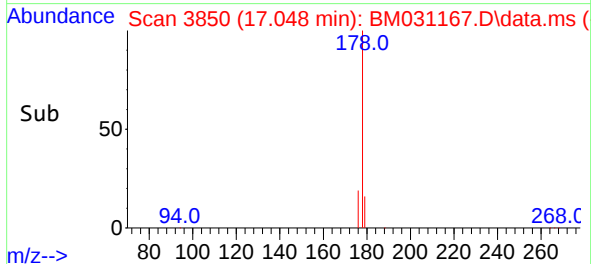
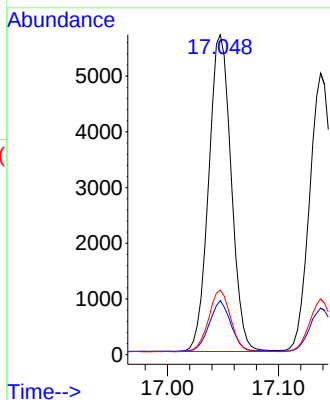
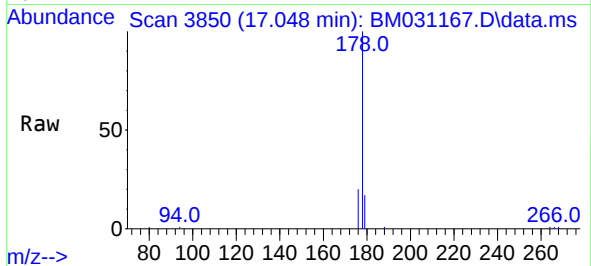




#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. -0.000 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

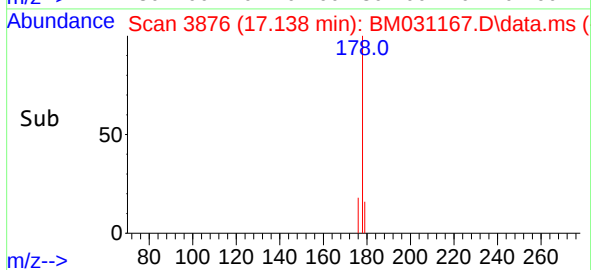
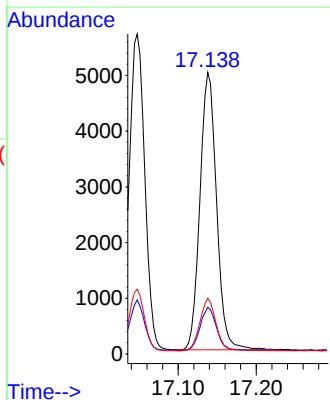
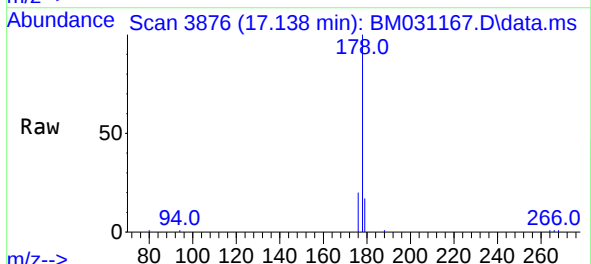
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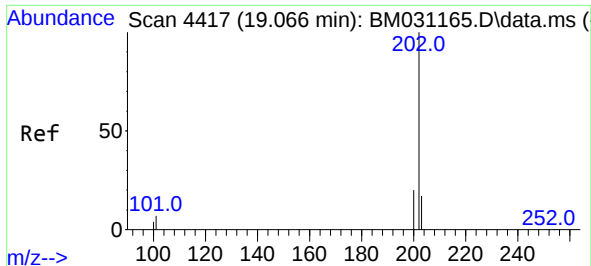
Tgt Ion:	178	Resp:	7988
Ion Ratio	Lower	Upper	
178	100		
179	16.9	13.3	19.9
176	20.2	15.4	23.2



#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.000 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

Tgt Ion:	178	Resp:	7386
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.8	20.8
176	19.8	15.7	23.5

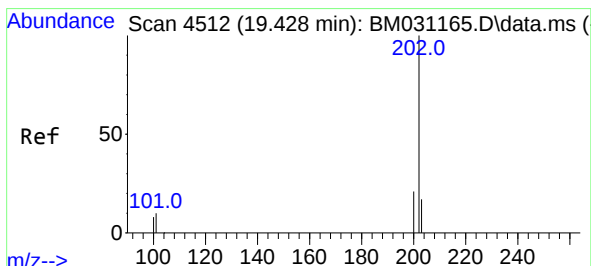
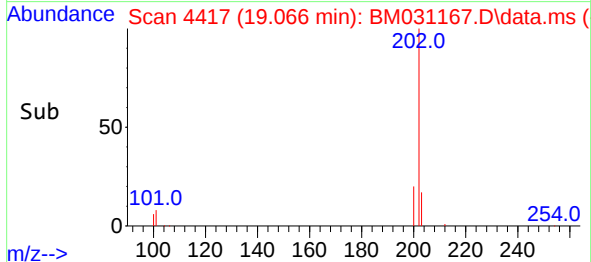
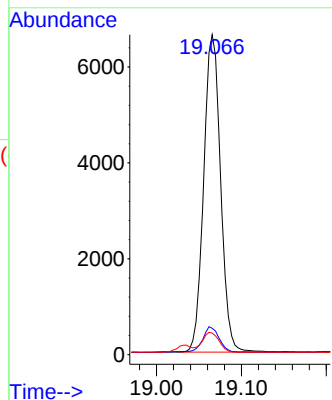
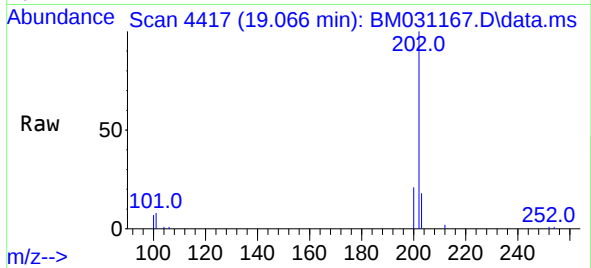




#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. -0.000 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

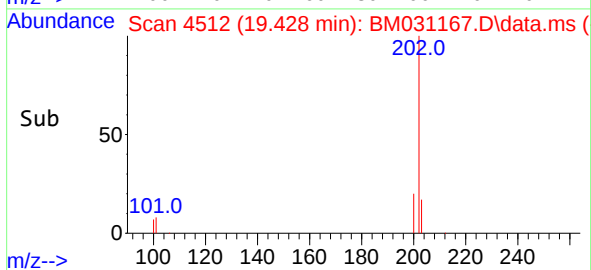
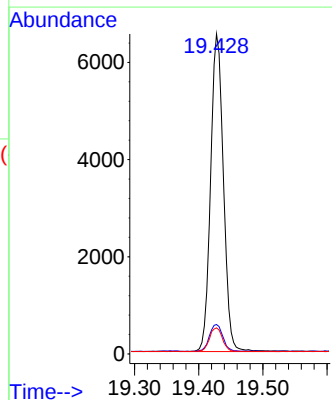
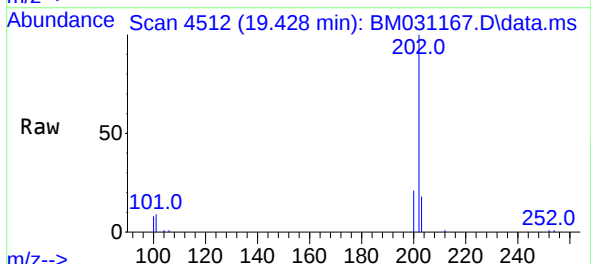
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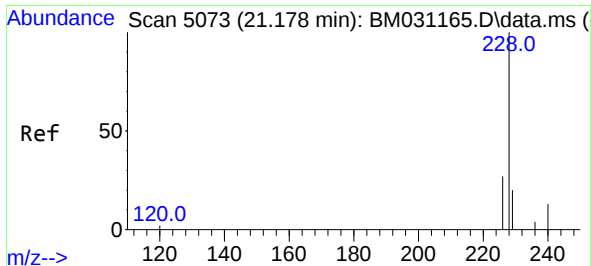
Tgt Ion:	202	Resp:	9158
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.0	9.0
100	6.7	4.8	7.2



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.000 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

Tgt Ion:	202	Resp:	9064
Ion Ratio	Lower	Upper	
202	100		
101	9.2	7.4	11.0
100	8.1	6.0	9.0



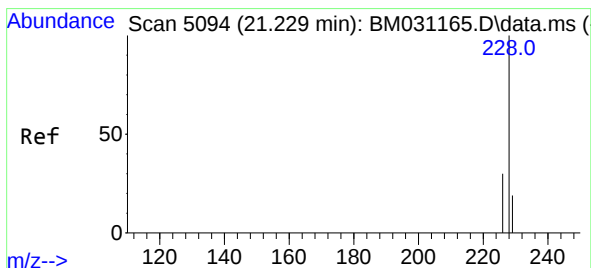
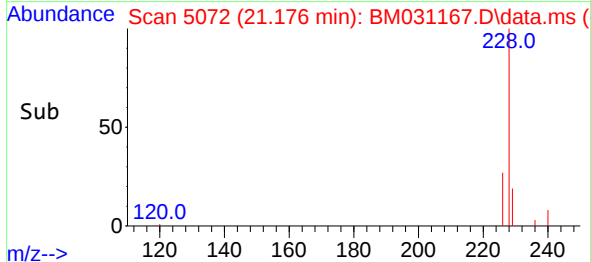
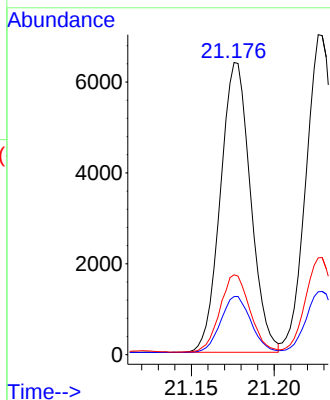
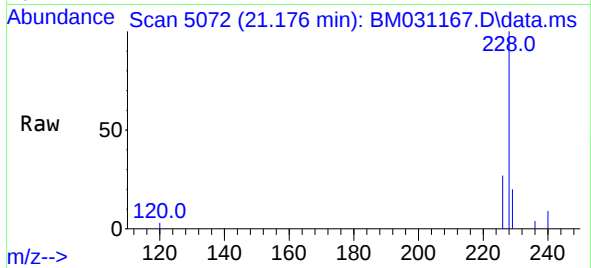


#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.176 min Scan# 5072
Delta R.T. -0.002 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

Instrument :
BNA_M
ClientSampleId :
SLCS838

Tgt Ion:228 Resp: 8081

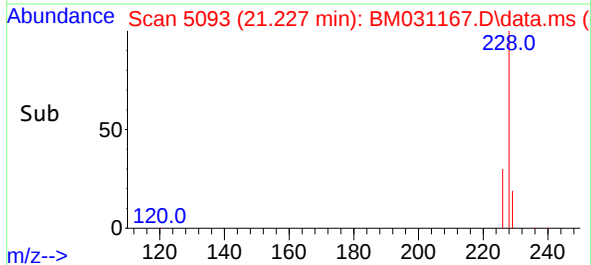
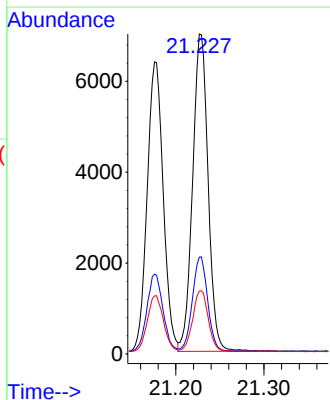
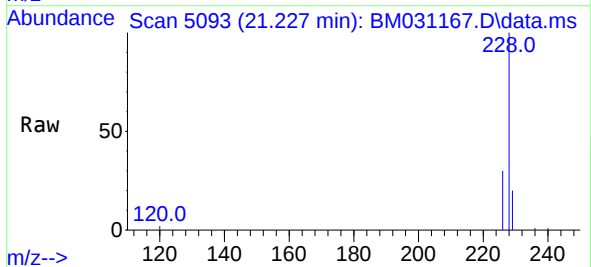
Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.0	24.0
226	27.3	21.4	32.2

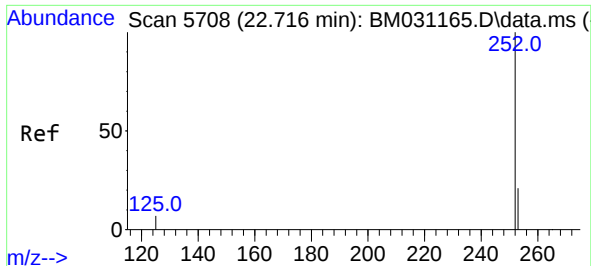


#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.227 min Scan# 5093
Delta R.T. -0.002 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

Tgt Ion:228 Resp: 8516

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.7	15.8	23.8

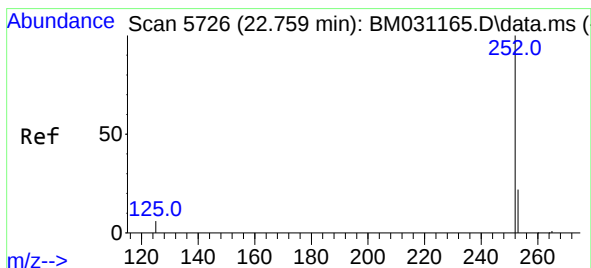
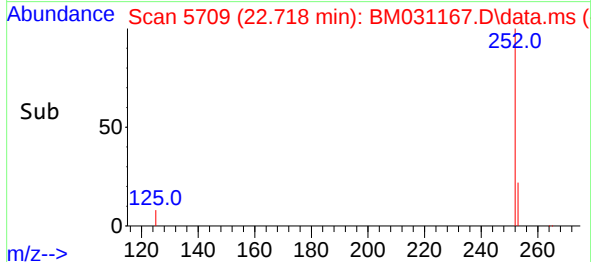
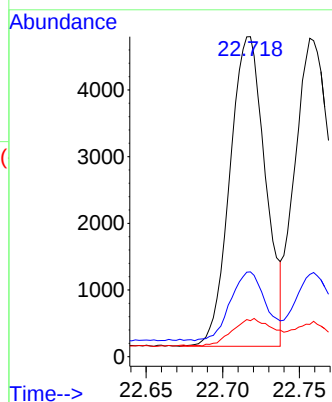
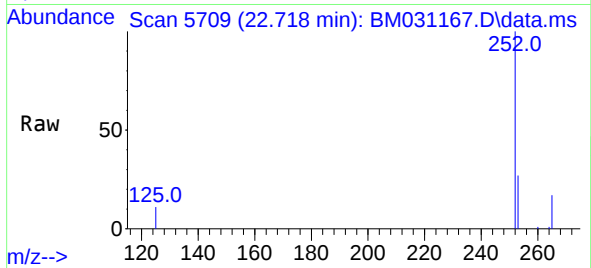




#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 22.718 min Scan# 5709
Delta R.T. 0.002 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

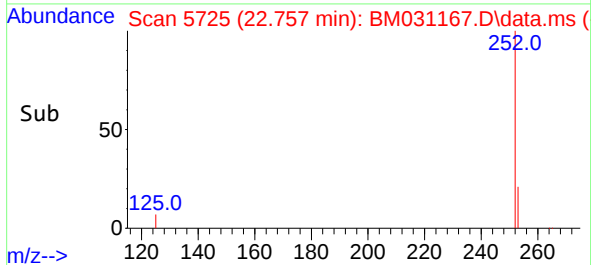
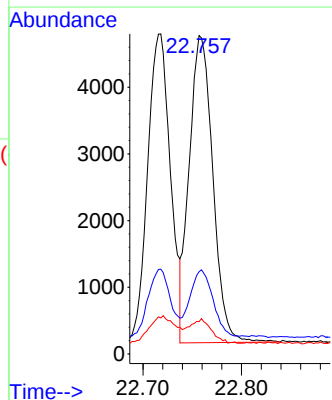
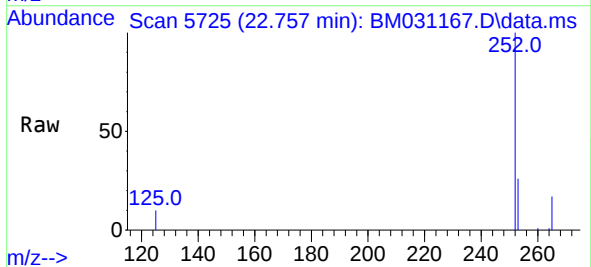
Instrument :
BNA_M
ClientSampled :
SLCS838

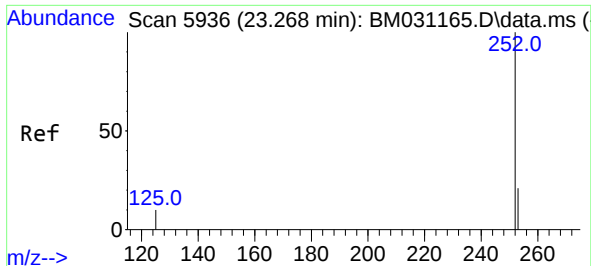
Tgt Ion:	252	Resp:	7476
Ion Ratio	Lower	Upper	
252	100		
253	26.5	0.0	52.8
125	11.3	0.0	20.2



#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 22.757 min Scan# 5725
Delta R.T. -0.002 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

Tgt Ion:	252	Resp:	7676
Ion Ratio	Lower	Upper	
252	100		
253	25.8	21.6	32.4
125	10.1	8.6	13.0

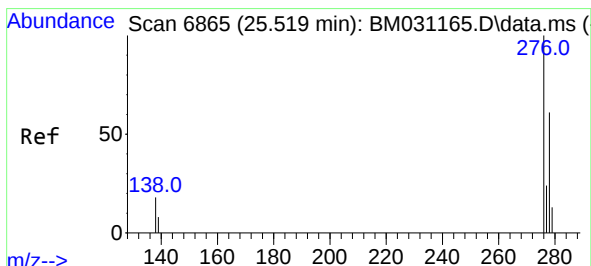
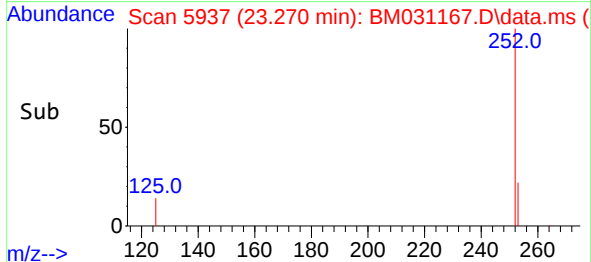
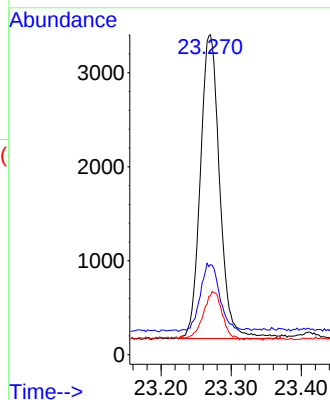
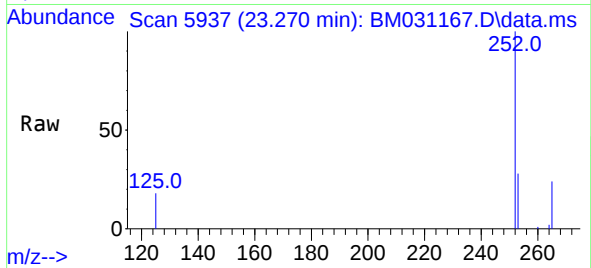




#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 23.270 min Scan# 5937
Delta R.T. 0.002 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

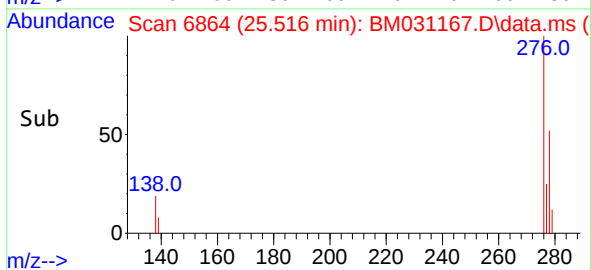
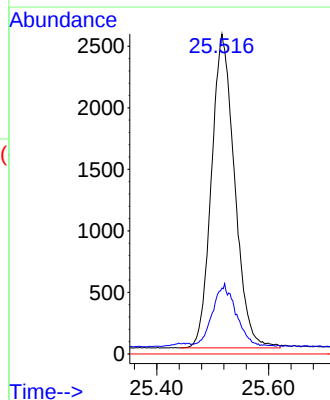
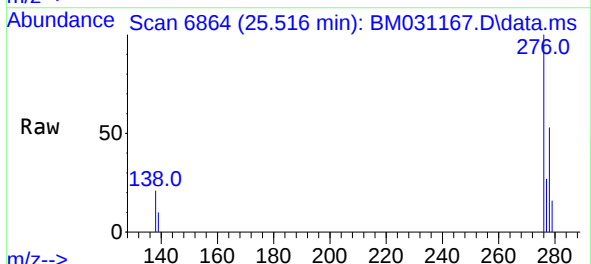
Instrument :
BNA_M
ClientSampleId :
SLCS838

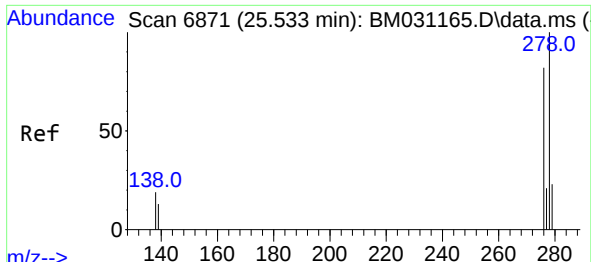
Tgt Ion:252	Resp:	6184
Ion Ratio	Lower	Upper
252	100	
253	28.2	23.1 34.7
125	18.3	10.7 16.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 25.516 min Scan# 6864
Delta R.T. -0.002 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

Tgt Ion:276	Resp:	7330
Ion Ratio	Lower	Upper
276	100	
138	20.1	15.4 23.0
227	0.0	0.0 0.0



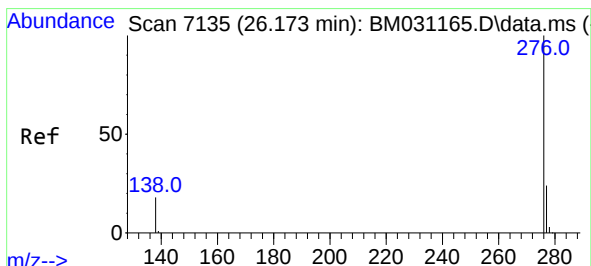
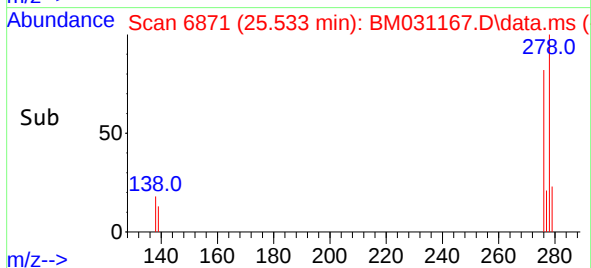
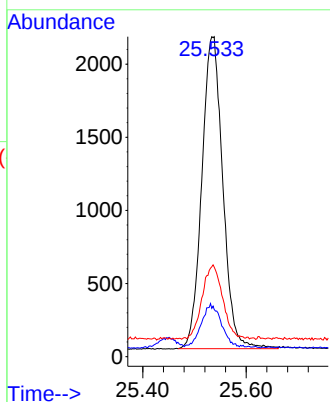
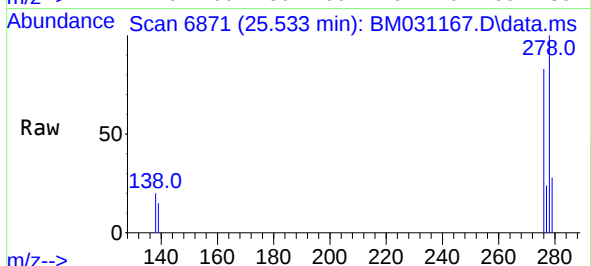


#28
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul
RT: 25.533 min Scan# 6871
Delta R.T. -0.000 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

Instrument :
BNA_M
ClientSampleId :
SLCS838

Tgt Ion:278 Resp: 6017

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.6	18.8
279	28.1	22.6	34.0



#29
Benzo(g,h,i)perylene
Concen: 0.324 ng/ul
RT: 26.178 min Scan# 7137
Delta R.T. 0.005 min
Lab File: BM031167.D
Acq: 26 Jul 2021 17:41

Tgt Ion:276 Resp: 6121

Ion	Ratio	Lower	Upper
276	100		
138	18.8	14.0	21.0
277	26.0	19.9	29.9

