

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030917.D
 Acq On : 09 Jul 2021 12:16
 Operator : CG/JU
 Sample : PB137404BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS404

Quant Time: Jul 09 12:48:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 10:44:22 2021
 Response via : Initial Calibration

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

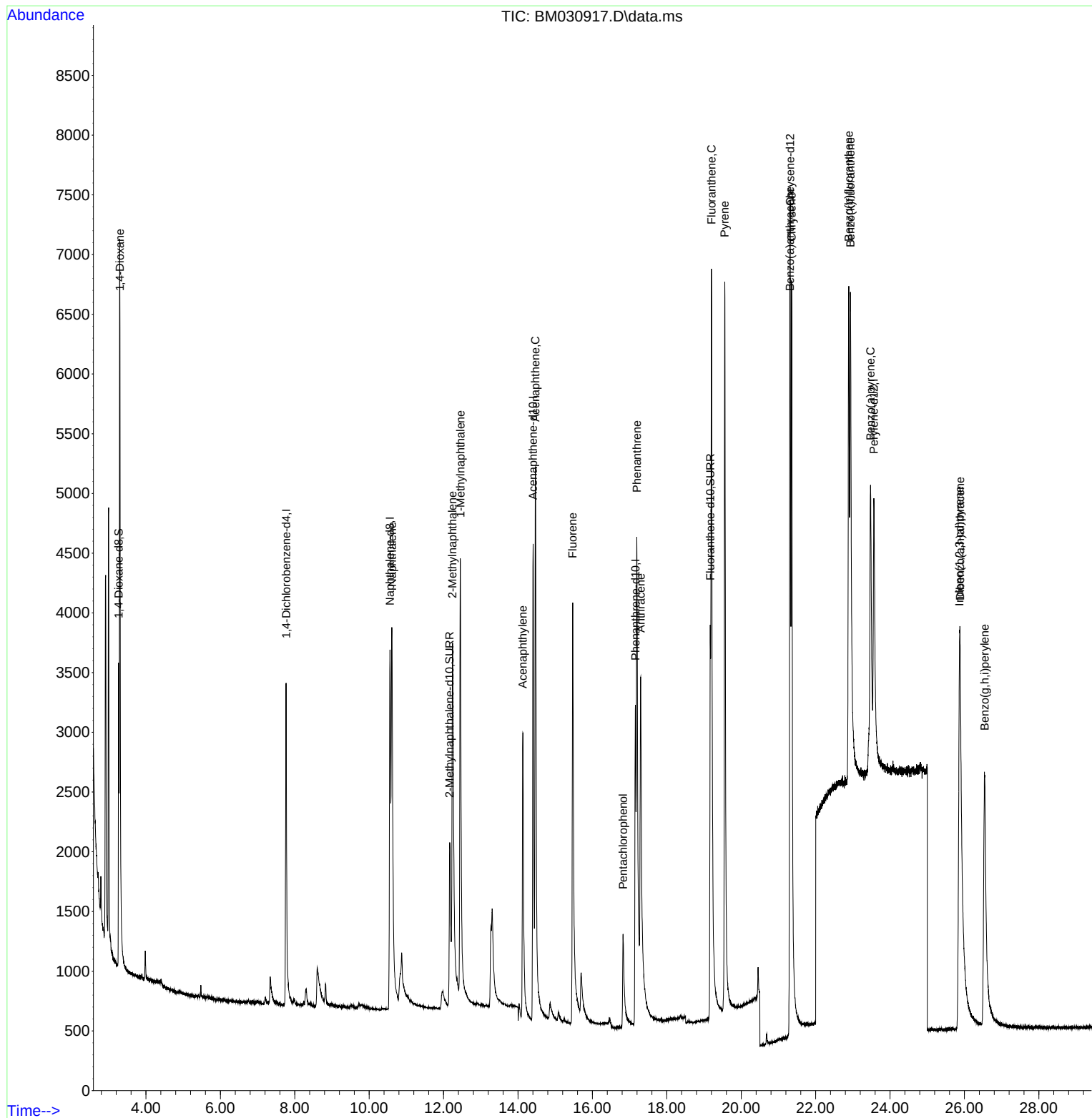
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	1872	0.400	ng/ul	0.00
4) Naphthalene-d8	10.559	136	6995	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.406	164	3206	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	5576	0.400	ng/ul	0.00
17) Chrysene-d12	21.319	240	4726	0.400	ng/ul	0.00
23) Perylene-d12	23.566	264	4076	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.265	96	1583	0.776	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.164	152	3606	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.169	212	5906	0.436	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.296	88	3892	1.847	ng/ul#	83
5) Naphthalene	10.613	128	6812	0.342	ng/ul	97
7) 2-Methylnaphthalene	12.241	142	4150	0.309	ng/ul	97
8) 1-Methylnaphthalene	12.452	142	3776	0.289	ng/ul	99
10) Acenaphthylene	14.129	152	4841	0.338	ng/ul	94
11) Acenaphthene	14.470	153	4224	0.364	ng/ul	98
12) Fluorene	15.471	166	4267	0.334	ng/ul	96
14) Pentachlorophenol	16.825	266	1201	0.660	ng/ul	96
15) Phenanthrene	17.193	178	6312	0.337	ng/ul	96
16) Anthracene	17.297	178	5538	0.337	ng/ul	95
19) Fluoranthene	19.199	202	7642	0.366	ng/ul	98
20) Pyrene	19.558	202	8134	0.388	ng/ul	98
21) Benzo(a)anthracene	21.309	228	5888	0.313	ng/ul	99
22) Chrysene	21.355	228	7968	0.378	ng/ul	98
24) Benzo(b)fluoranthene	22.890	252	6538	0.362	ng/ul	87
25) Benzo(k)fluoranthene	22.936	252	8267	0.444	ng/ul#	88
26) Benzo(a)pyrene	23.476	252	6002	0.391	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.865	276	7781	0.389	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.885	278	6318	0.394	ng/ul#	82
29) Benzo(g,h,i)perylene	26.544	276	7081	0.407	ng/ul	97

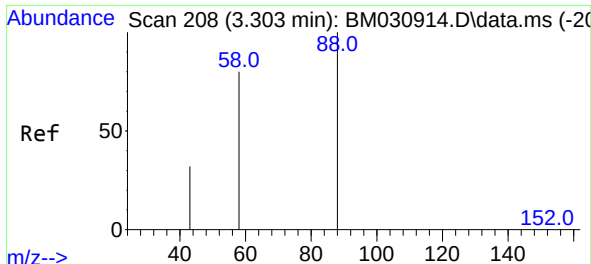
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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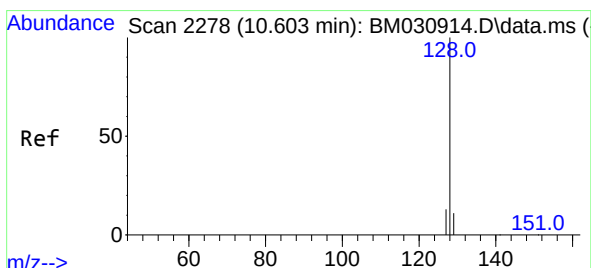
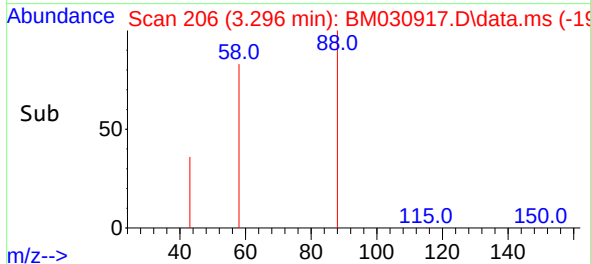
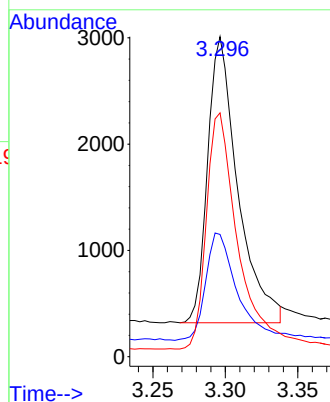
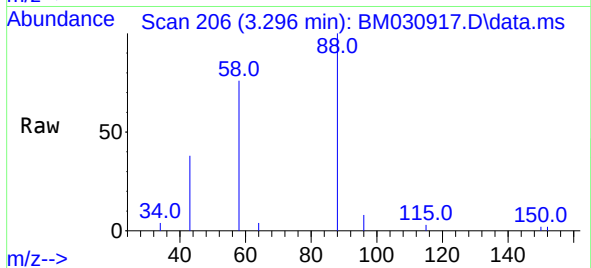




#2
1,4-Dioxane
Concen: 1.847 ng/ul
RT: 3.296 min Scan# 206
Delta R.T. -0.007 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

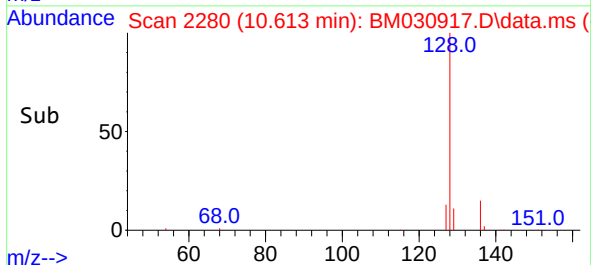
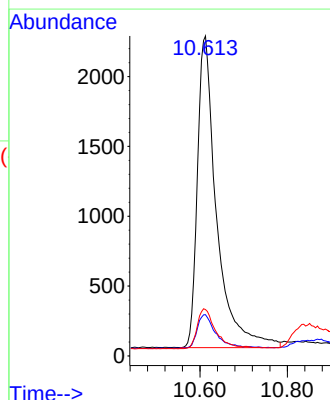
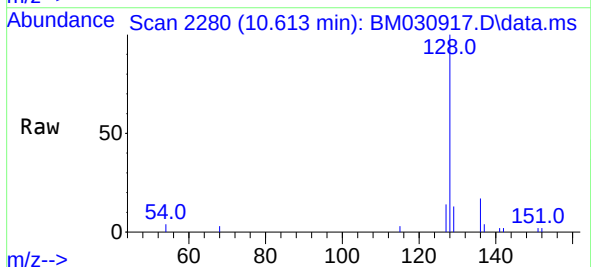
Instrument :
BNA_M
ClientSampled :
SLCS404

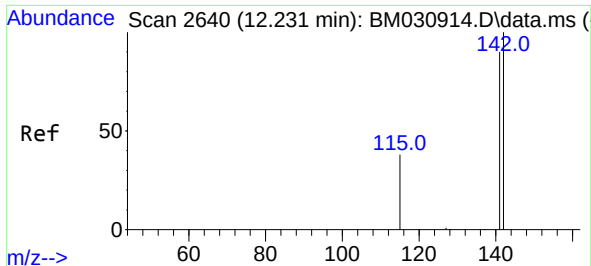
Tgt Ion: 88 Resp: 3892
Ion Ratio Lower Upper
88 100
43 38.2 37.7 56.5
58 76.2 48.5 72.7#



#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.613 min Scan# 2280
Delta R.T. 0.009 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

Tgt Ion: 128 Resp: 6812
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 14.5 10.9 16.3

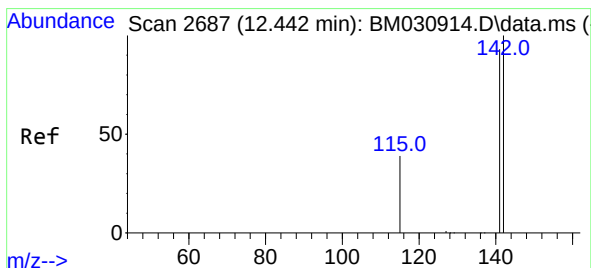
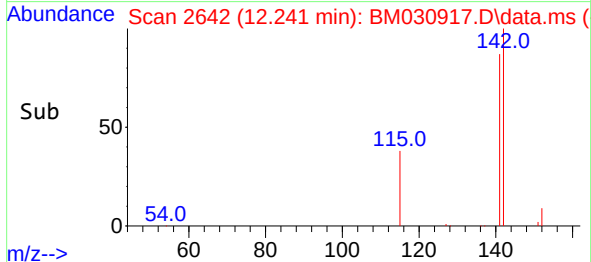
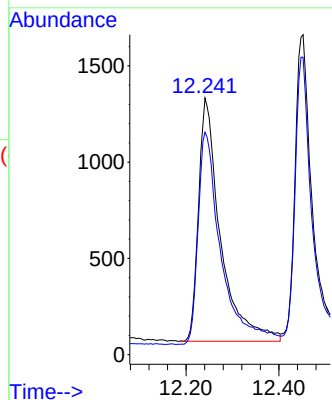
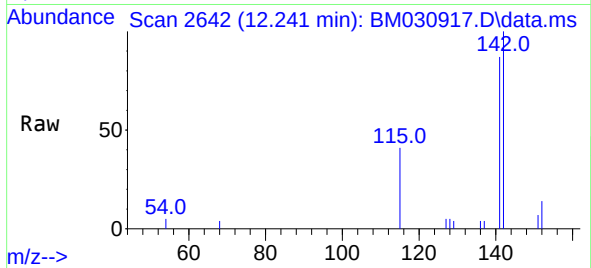




#7
2-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. 0.009 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

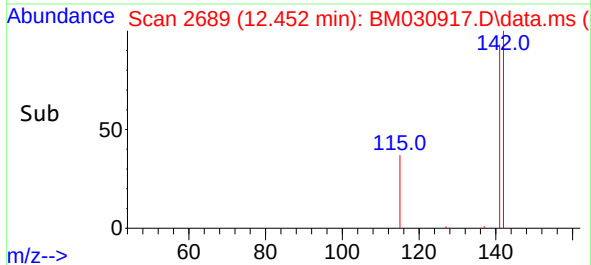
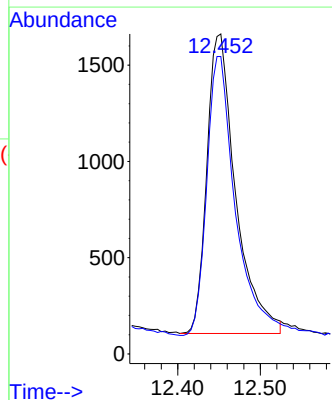
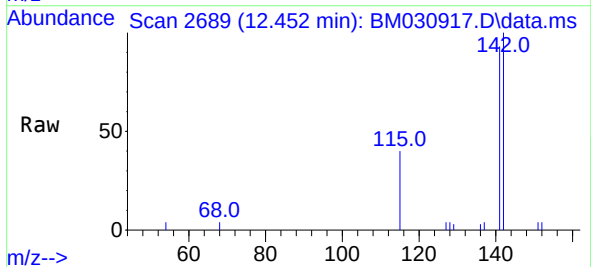
Instrument :
BNA_M
ClientSampled :
SLCS404

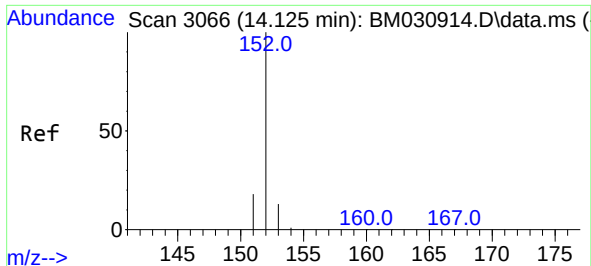
Tgt Ion:142 Resp: 4150
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.289 ng/ul
RT: 12.452 min Scan# 2689
Delta R.T. 0.009 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

Tgt Ion:142 Resp: 3776
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0

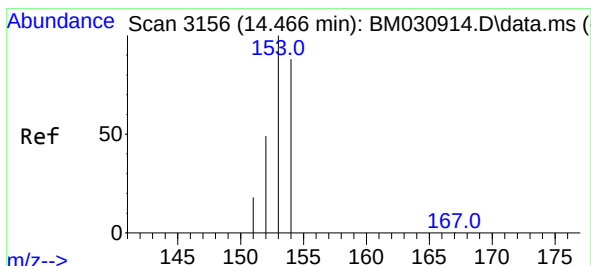
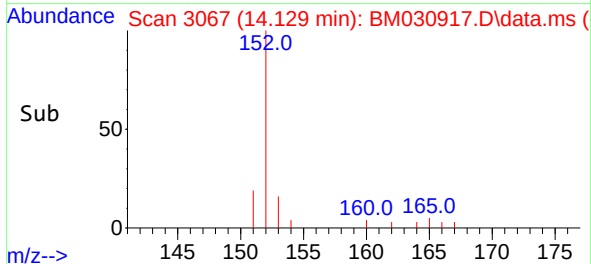
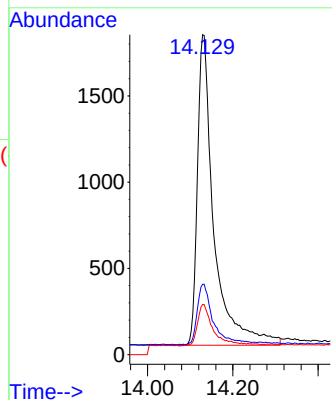
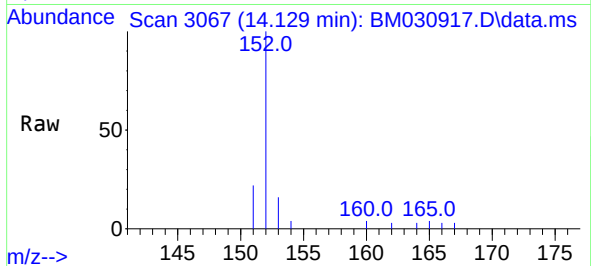




#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 14.129 min Scan# 3067
Delta R.T. 0.004 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

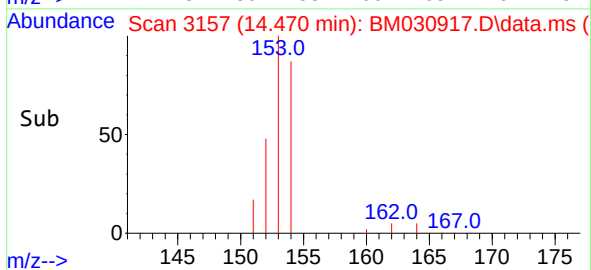
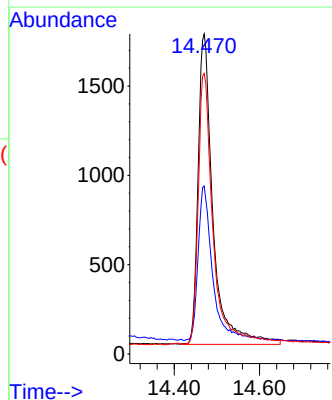
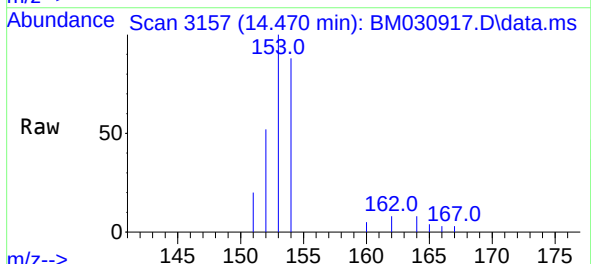
Instrument :
BNA_M
ClientSampled :
SLCS404

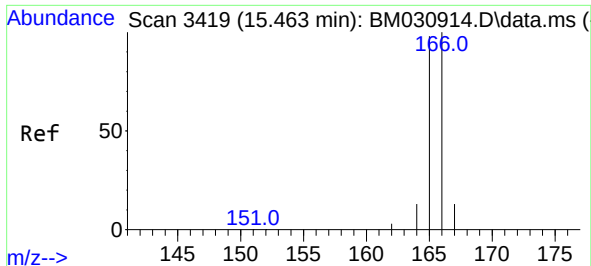
Tgt Ion:	152	Resp:	4841
Ion Ratio	Lower	Upper	
152	100		
151	22.0	15.5	23.3
153	15.7	10.7	16.1



#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.470 min Scan# 3157
Delta R.T. 0.004 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

Tgt Ion:	153	Resp:	4224
Ion Ratio	Lower	Upper	
153	100		
152	52.5	40.2	60.2
154	87.7	71.2	106.8



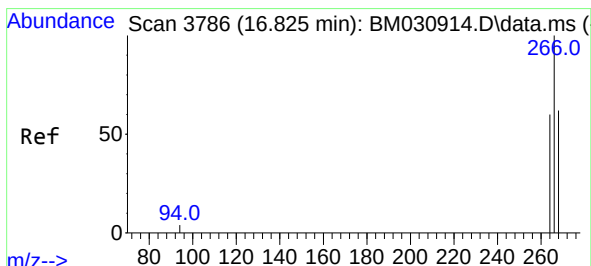
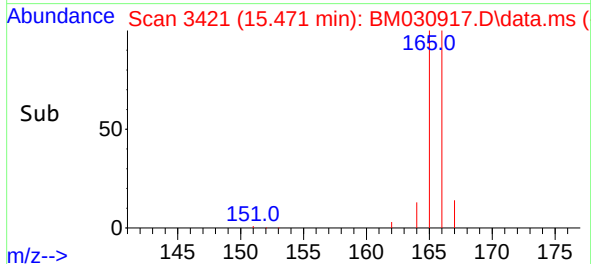
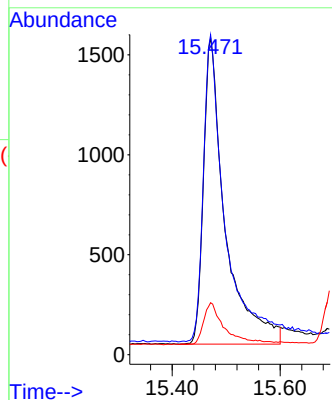
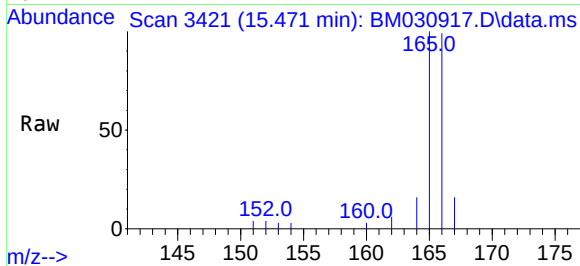


#12
Fluorene
Concen: 0.334 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. 0.008 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

Instrument :
BNA_M
ClientSampled :
SLCS404

Tgt Ion:166 Resp: 4267

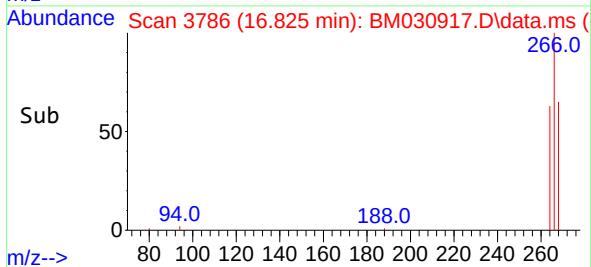
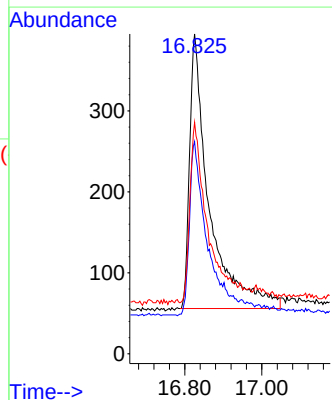
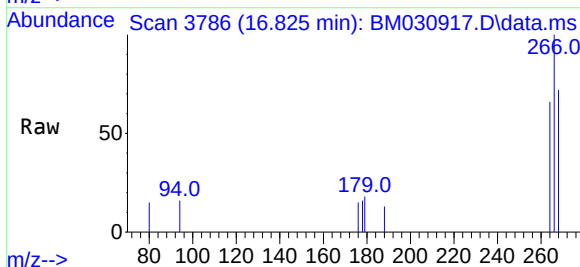
Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.7	116.5
167	16.4	11.3	16.9

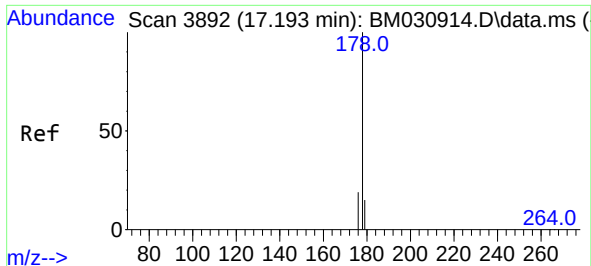


#14
Pentachlorophenol
Concen: 0.660 ng/ul
RT: 16.825 min Scan# 3786
Delta R.T. -0.007 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

Tgt Ion:266 Resp: 1201

Ion	Ratio	Lower	Upper
266	100		
264	64.0	47.7	71.5
268	61.7	47.5	71.3

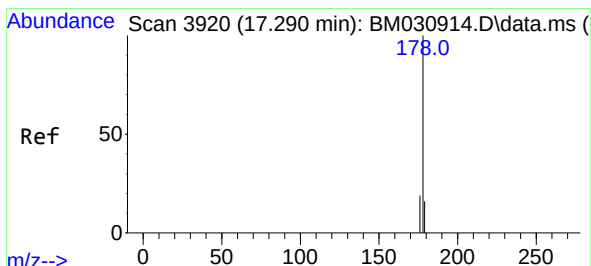
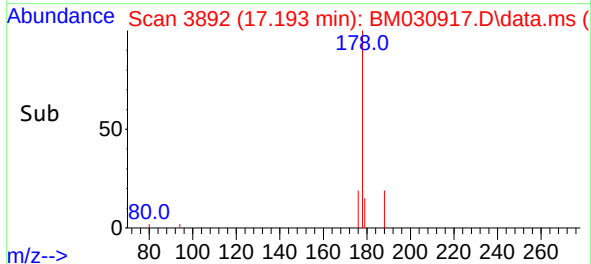
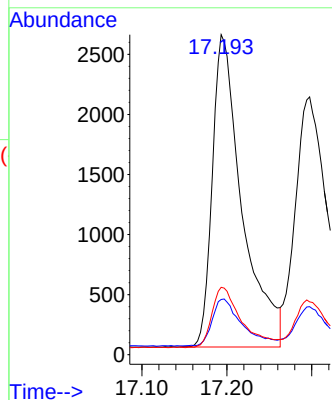
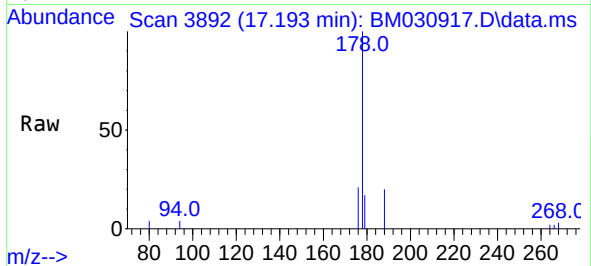




#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 17.193 min Scan# 3892
Delta R.T. 0.000 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

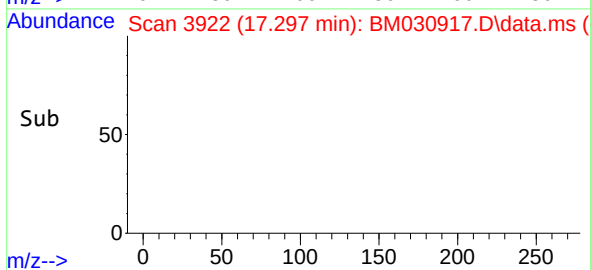
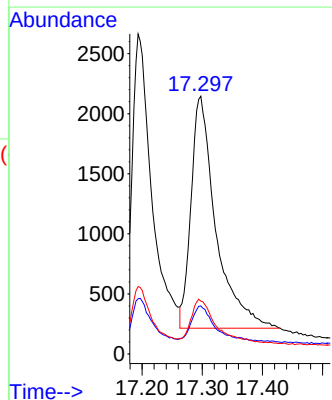
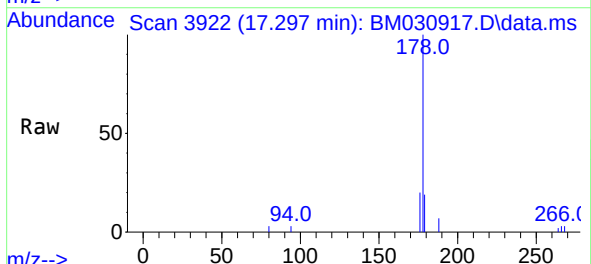
Instrument :
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ClientSampleId :
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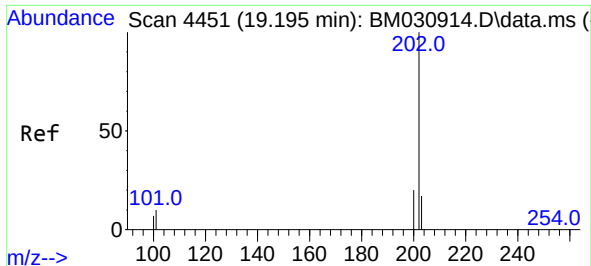
Tgt Ion:	178	Resp:	6312
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.6	19.0
176	21.1	15.5	23.3



#16
Anthracene
Concen: 0.337 ng/ul
RT: 17.297 min Scan# 3922
Delta R.T. 0.007 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

Tgt Ion:	178	Resp:	5538
Ion Ratio	Lower	Upper	
178	100		
179	18.6	12.7	19.1
176	20.5	15.2	22.8

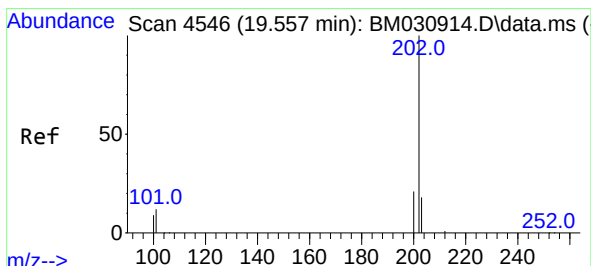
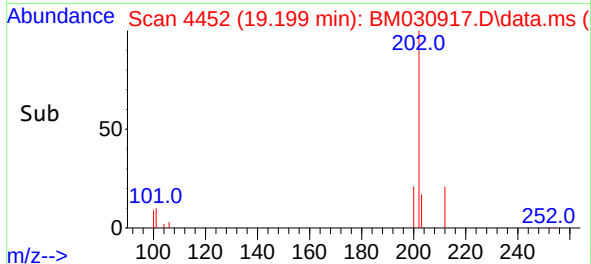
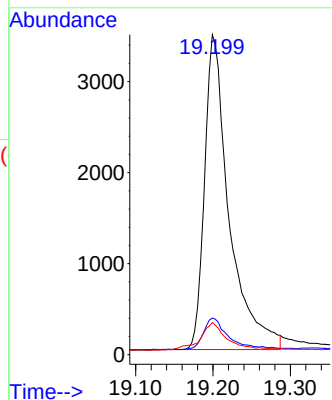
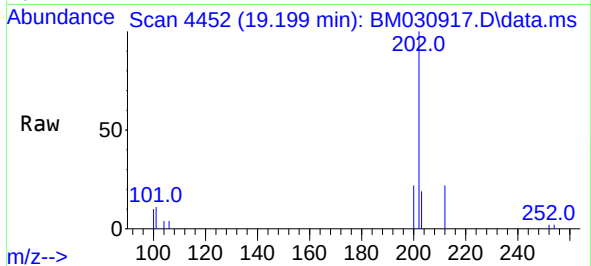




#19
Fluoranthene
Concen: 0.366 ng/u1
RT: 19.199 min Scan# 4452
Delta R.T. 0.000 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

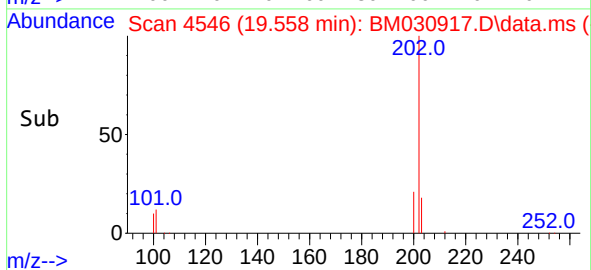
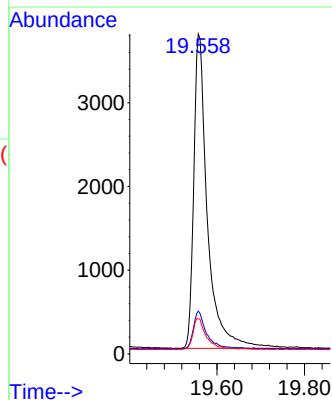
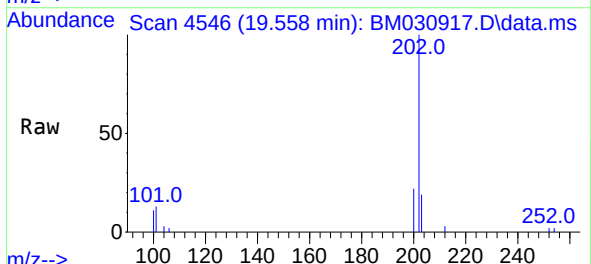
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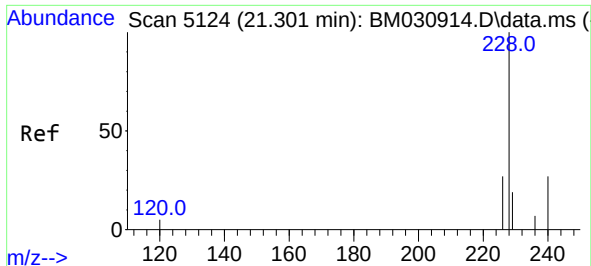
Tgt Ion:202 Resp: 7642
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 10.1 6.9 10.3



#20
Pyrene
Concen: 0.388 ng/u1
RT: 19.558 min Scan# 4546
Delta R.T. 0.000 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

Tgt Ion:202 Resp: 8134
Ion Ratio Lower Upper
202 100
101 13.4 10.1 15.1
100 11.0 8.2 12.2



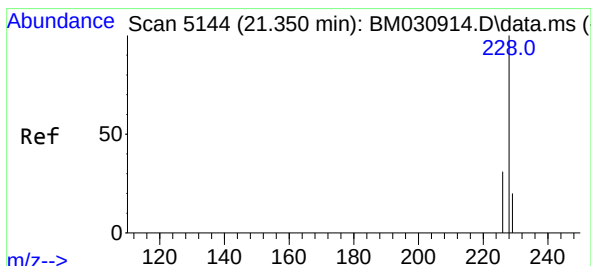
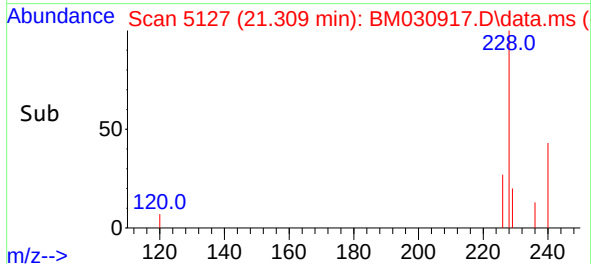
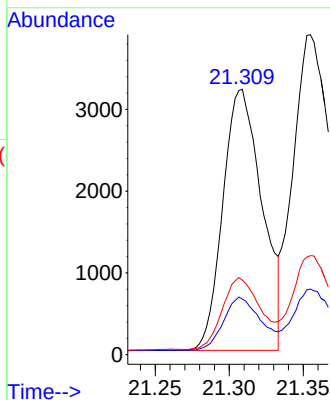
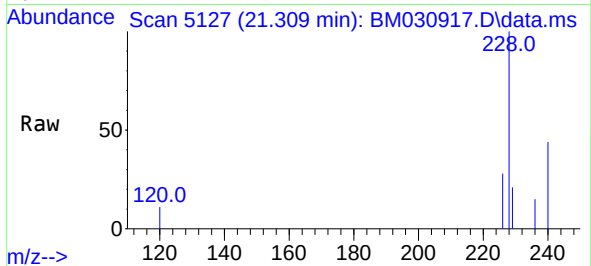


#21
Benzo(a)anthracene
Concen: 0.313 ng/ul
RT: 21.309 min Scan# 5127
Delta R.T. 0.005 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

Instrument :
BNA_M
ClientSampled :
SLCS404

Tgt Ion:228 Resp: 5888

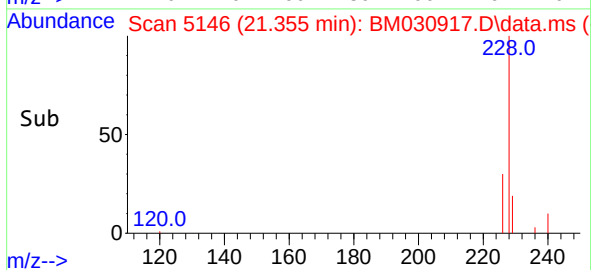
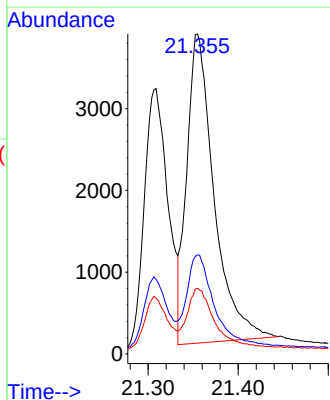
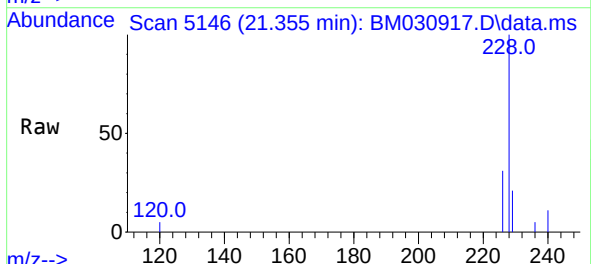
Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	28.1	22.2	33.4

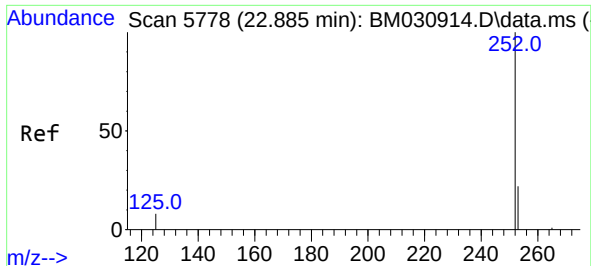


#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.355 min Scan# 5146
Delta R.T. 0.002 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

Tgt Ion:228 Resp: 7968

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	20.5	15.4	23.0

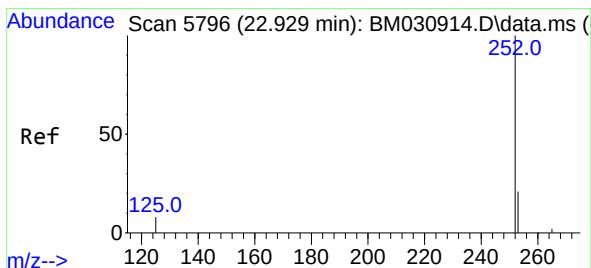
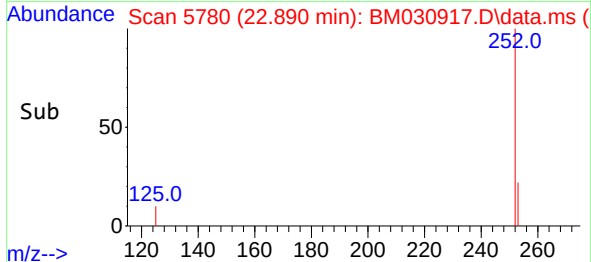
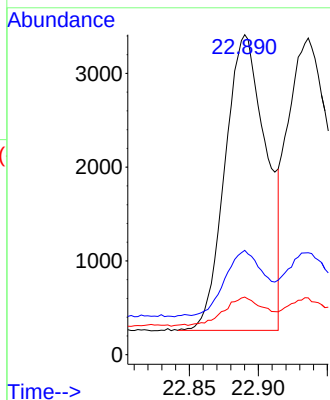
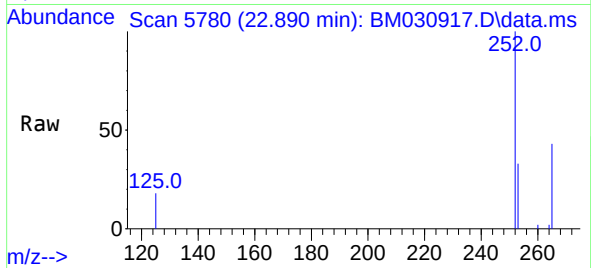




#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 22.890 min Scan# 5780
Delta R.T. 0.005 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

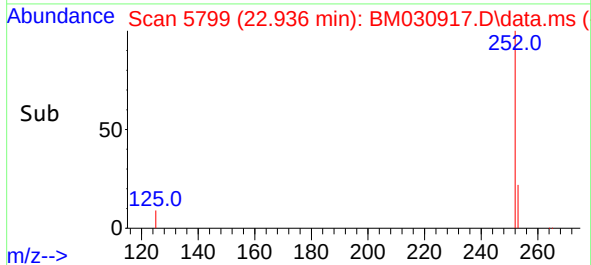
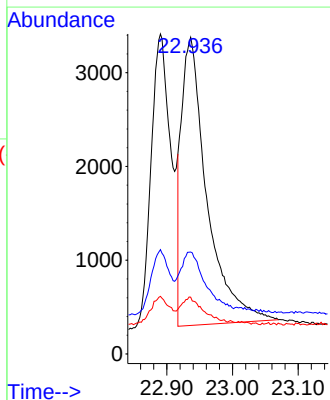
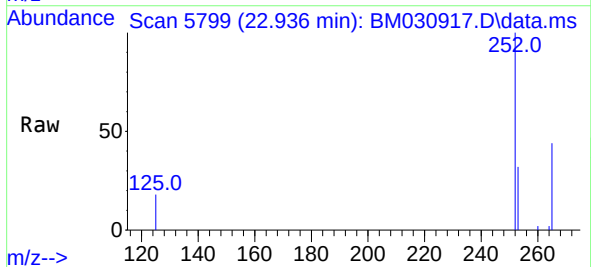
Instrument :
BNA_M
ClientSampleId :
SLCS404

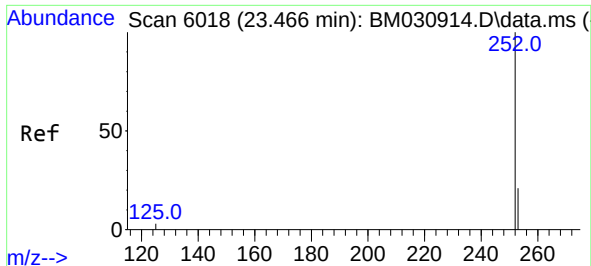
Tgt Ion:252	Resp:	6538
Ion Ratio	Lower	Upper
252	100	
253	32.6	0.0 50.2
125	18.0	0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.444 ng/ul
RT: 22.936 min Scan# 5799
Delta R.T. 0.005 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

Tgt Ion:252	Resp:	8267
Ion Ratio	Lower	Upper
252	100	
253	32.2	20.6 31.0#
125	17.9	11.0 16.4#

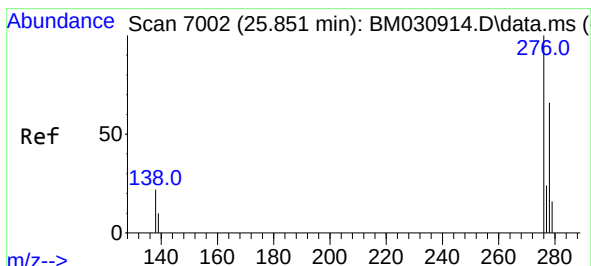
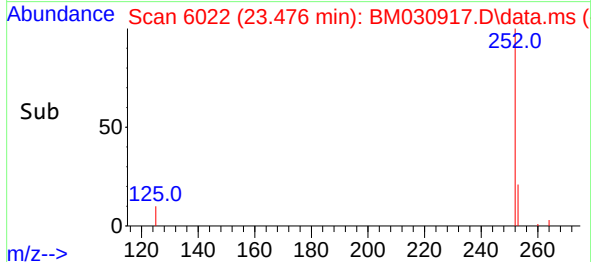
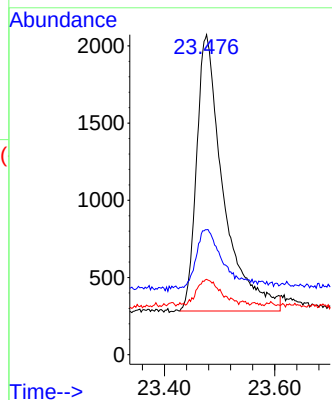
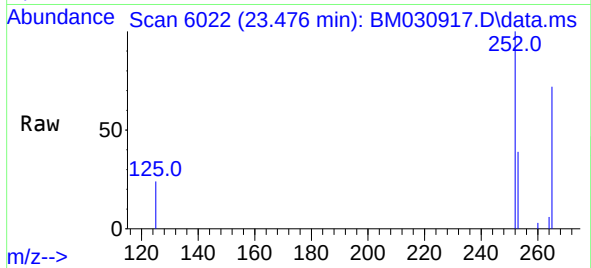




#26
Benzo(a)pyrene
Concen: 0.391 ng/ul
RT: 23.476 min Scan# 6022
Delta R.T. 0.007 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

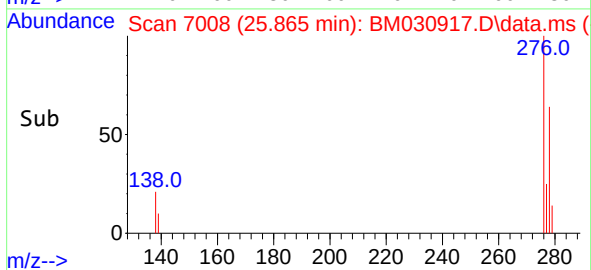
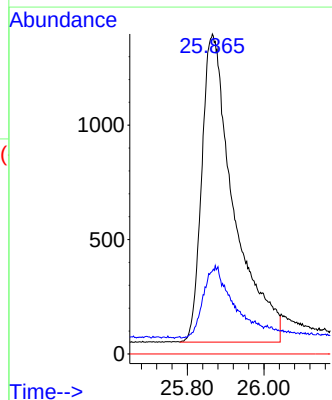
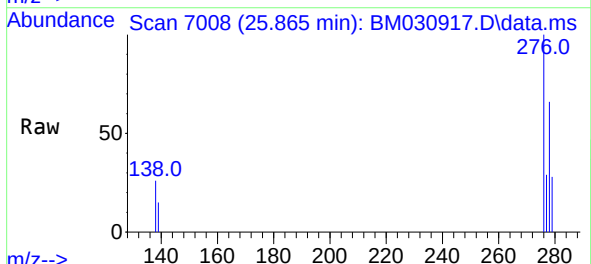
Instrument :
BNA_M
ClientSampleId :
SLCS404

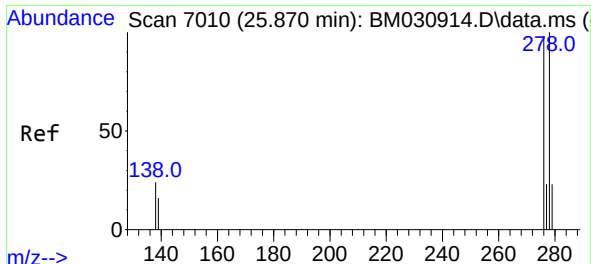
Tgt Ion:252 Resp: 6002
Ion Ratio Lower Upper
252 100
253 39.1 22.0 33.0#
125 23.5 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 25.865 min Scan# 7008
Delta R.T. 0.012 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

Tgt Ion:276 Resp: 7781
Ion Ratio Lower Upper
276 100
138 23.4 19.1 28.7
227 0.0 0.0 0.0

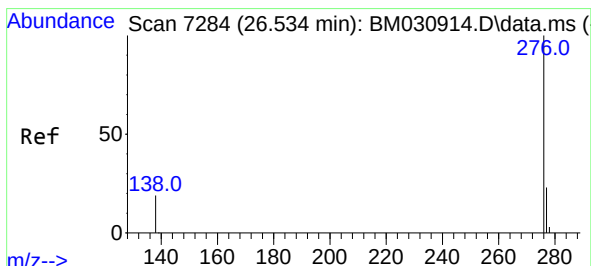
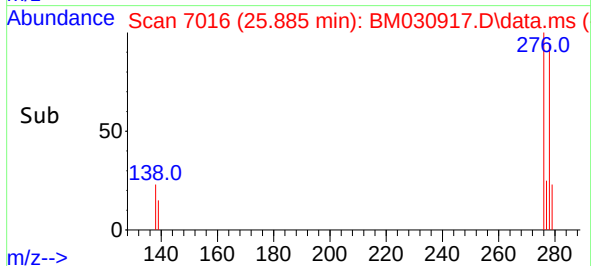
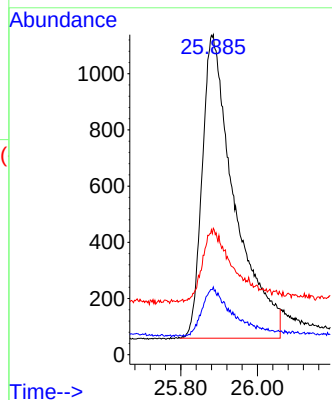
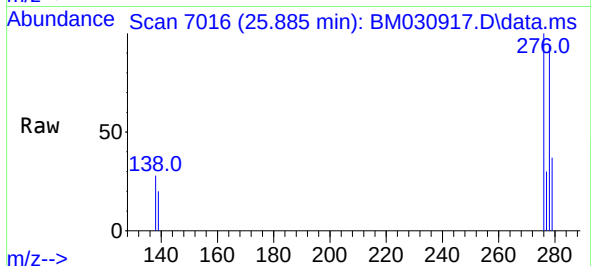




#28
Dibenzo(a,h)anthracene
Concen: 0.394 ng/ul
RT: 25.885 min Scan# 7016
Delta R.T. 0.017 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

Instrument :
BNA_M
ClientSampleId :
SLCS404

Tgt Ion:278 Resp: 6318
Ion Ratio Lower Upper
278 100
139 21.2 14.2 21.4
279 39.5 21.6 32.4#



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 26.544 min Scan# 7288
Delta R.T. 0.005 min
Lab File: BM030917.D
Acq: 09 Jul 2021 12:16

Tgt Ion:276 Resp: 7081
Ion Ratio Lower Upper
276 100
138 23.7 18.0 27.0
277 25.8 19.5 29.3

