

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060121\
 Data File : BM030245.D
 Acq On : 01 Jun 2021 20:22
 Operator : CG/JU
 Sample : PB136685BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS685

Quant Time: Jun 02 01:11:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM060121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 02 01:10:46 2021
 Response via : Initial Calibration

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

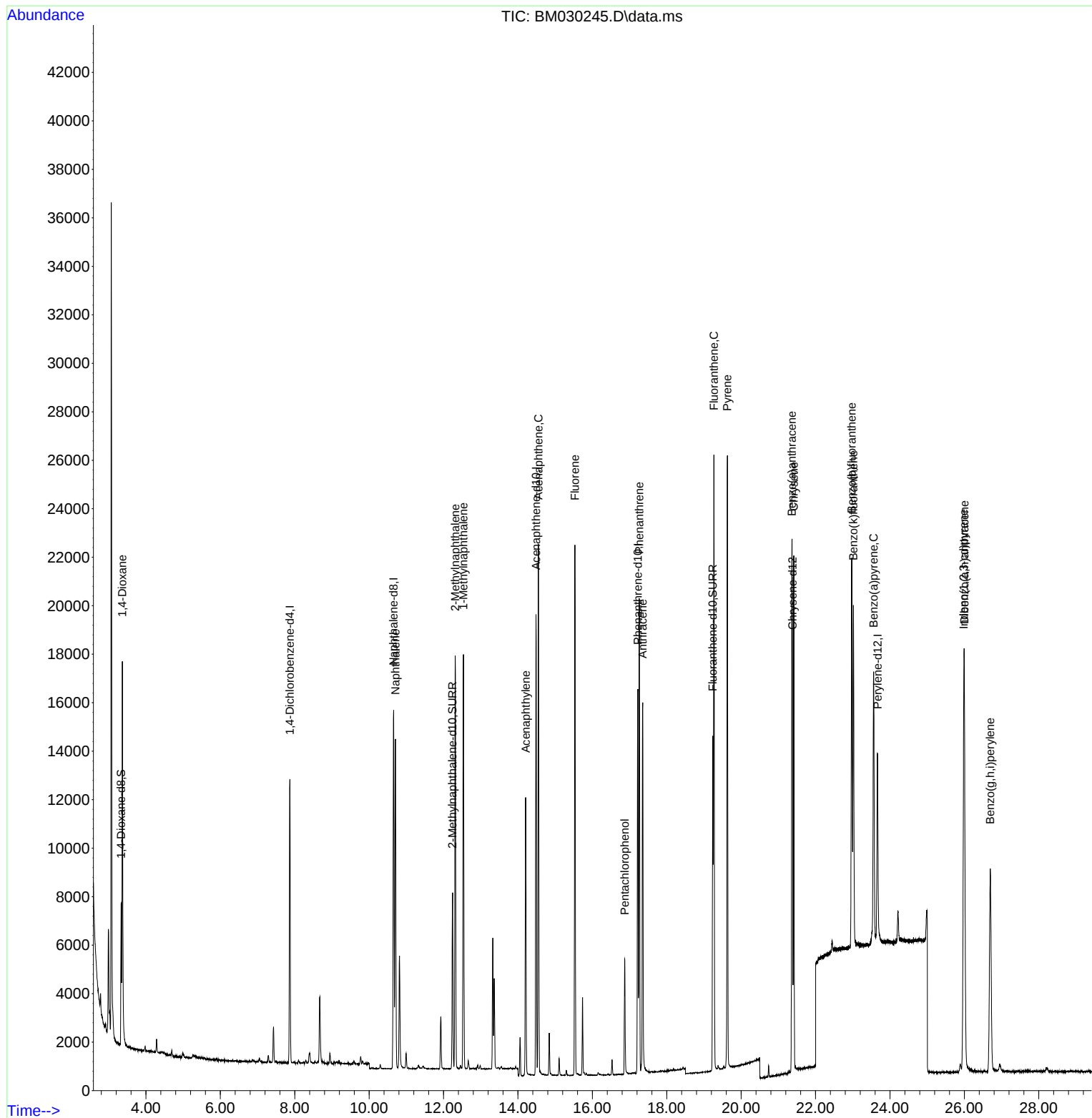
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	5930	0.40	ng/ul	0.00
4) Naphthalene-d8	10.658	136	19784	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.485	164	10112	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	18166	0.40	ng/ul	0.00
17) Chrysene-d12	21.379	240	11639	0.40	ng/ul	0.00
23) Perylene-d12	23.666	264	10533	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3641	0.63	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.241	152	9210	0.32	ng/ul	0.00
18) Fluoranthene-d10	19.237	212	14346	0.37	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.366	88	9748	1.55	ng/ul#	82
5) Naphthalene	10.707	128	18806	0.32	ng/ul	99
7) 2-Methylnaphthalene	12.313	142	12293	0.31	ng/ul	99
8) 1-Methylnaphthalene	12.533	142	11777	0.31	ng/ul	100
10) Acenaphthylene	14.209	152	13501	0.28	ng/ul	100
11) Acenaphthene	14.550	153	12462	0.30	ng/ul	99
12) Fluorene	15.532	166	13581	0.29	ng/ul	99
14) Pentachlorophenol	16.871	266	3224	0.57	ng/ul	99
15) Phenanthrene	17.259	178	20646	0.31	ng/ul	99
16) Anthracene	17.353	178	17439	0.31	ng/ul	99
19) Fluoranthene	19.268	202	21260	0.36	ng/ul	99
20) Pyrene	19.630	202	21015	0.35	ng/ul	99
21) Benzo(a)anthracene	21.362	228	16255	0.35	ng/ul	99
22) Chrysene	21.413	228	18242	0.36	ng/ul	100
24) Benzo(b)fluoranthene	22.973	252	19579	0.37	ng/ul	99
25) Benzo(k)fluoranthene	23.016	252	18455	0.37	ng/ul	99
26) Benzo(a)pyrene	23.561	252	16106	0.38	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.984	276	20888	0.37	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.999	278	16878	0.37	ng/ul	99
29) Benzo(g,h,i)perylene	26.696	276	17785	0.36	ng/ul	99

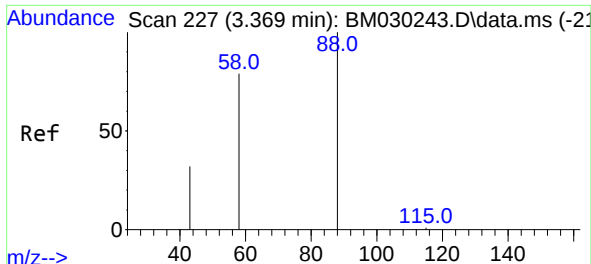
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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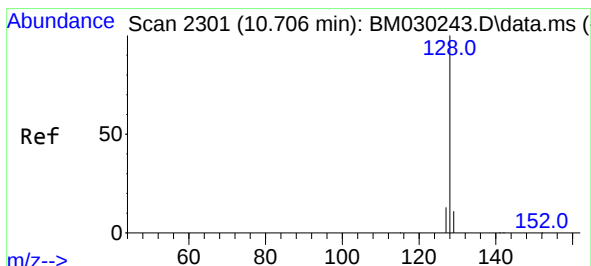
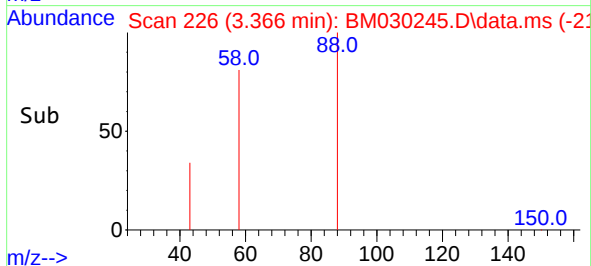
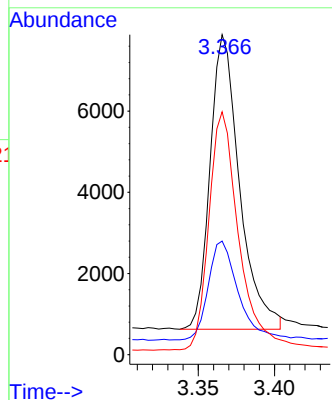
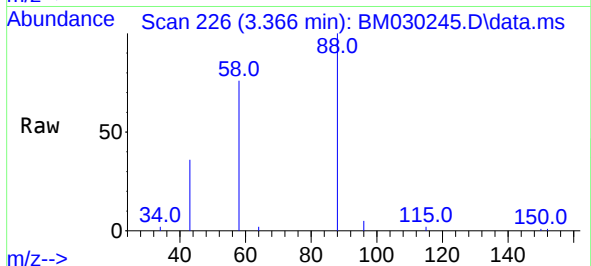




#2
1,4-Dioxane
Concen: 1.55 ng/ul
RT: 3.366 min Scan# 226
Delta R.T. -0.003 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

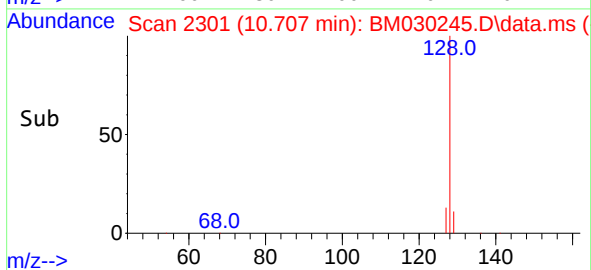
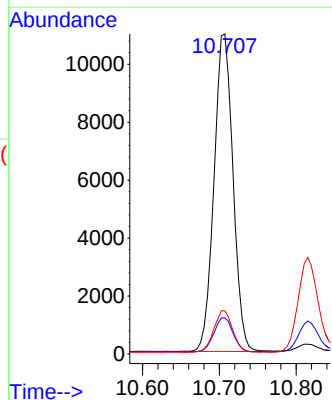
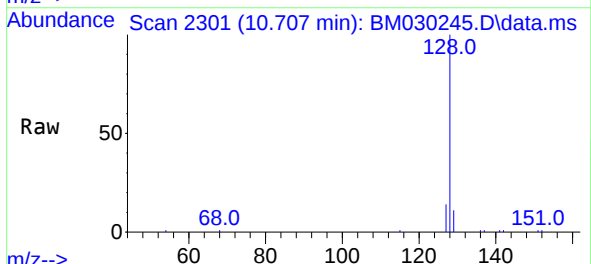
Instrument :
BNA_M
ClientSampleId :
SLCS685

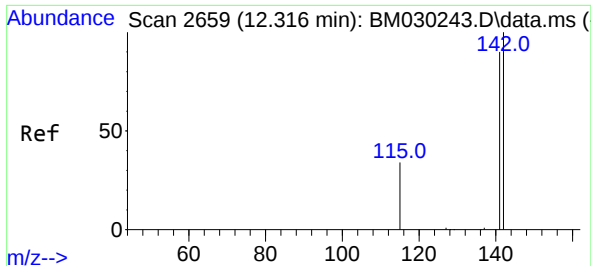
Tgt Ion: 88 Resp: 9748
Ion Ratio Lower Upper
88 100
43 35.5 38.2 57.4#
58 75.9 49.8 74.8#



#5
Naphthalene
Concen: 0.32 ng/ul
RT: 10.707 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

Tgt Ion:128 Resp: 18806
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.5 10.5 15.7

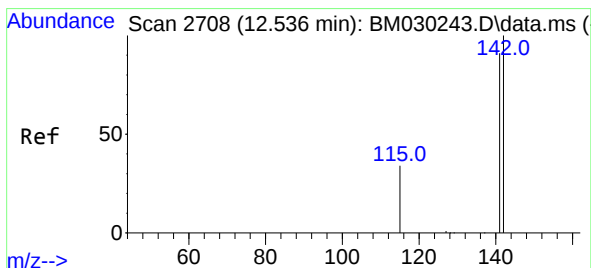
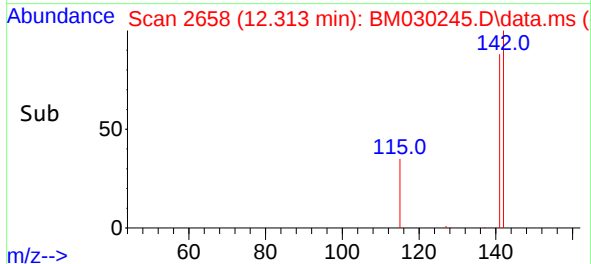
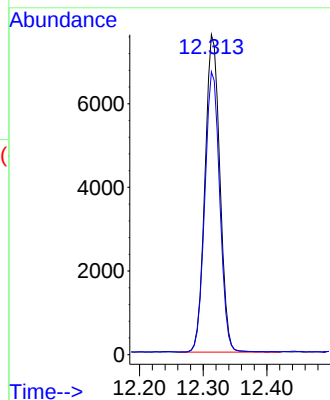
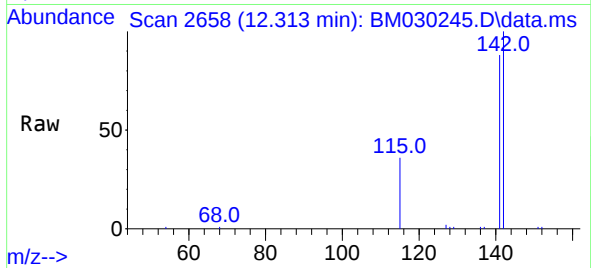




#7
2-Methylnaphthalene
Concen: 0.31 ng/ul
RT: 12.313 min Scan# 2658
Delta R.T. 0.000 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

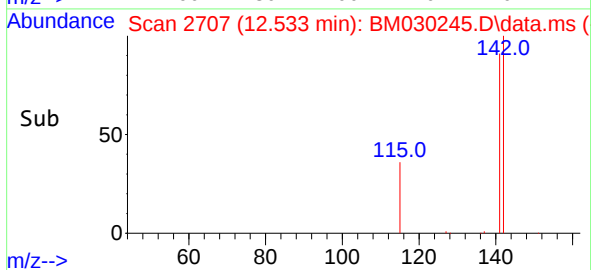
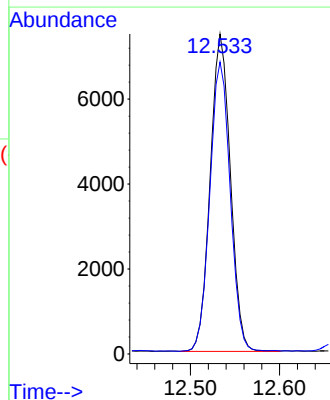
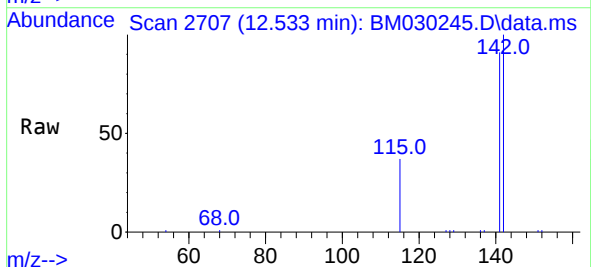
Instrument :
BNA_M
ClientSampled :
SLCS685

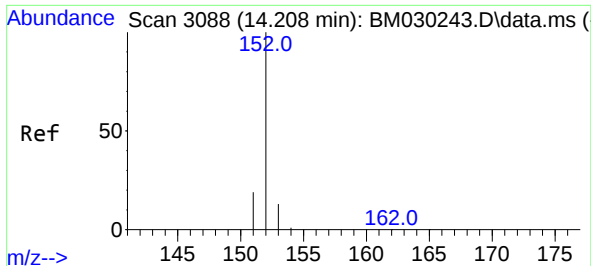
Tgt Ion:142 Resp: 12293
Ion Ratio Lower Upper
142 100
141 88.3 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.31 ng/ul
RT: 12.533 min Scan# 2707
Delta R.T. 0.000 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

Tgt Ion:142 Resp: 11777
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

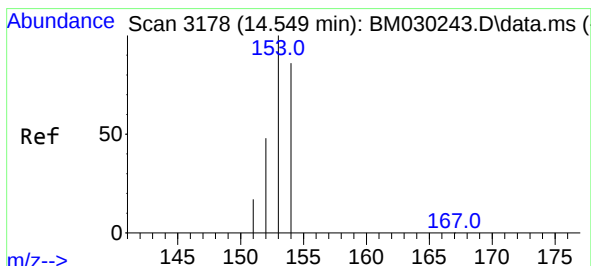
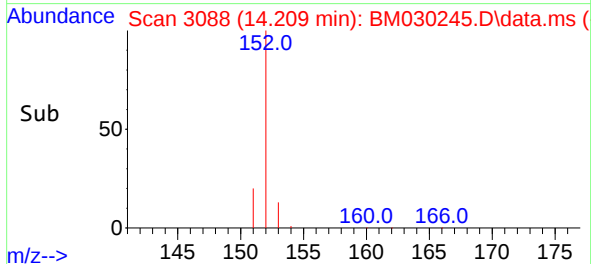
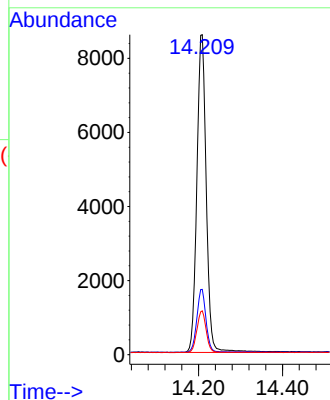
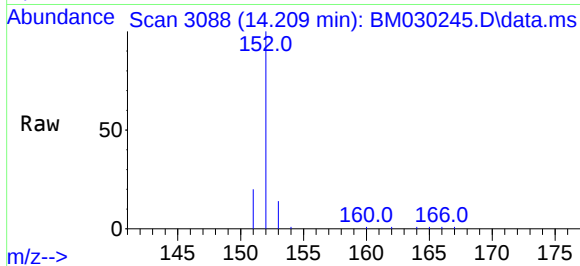




#10
Acenaphthylene
Concen: 0.28 ng/ul
RT: 14.209 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

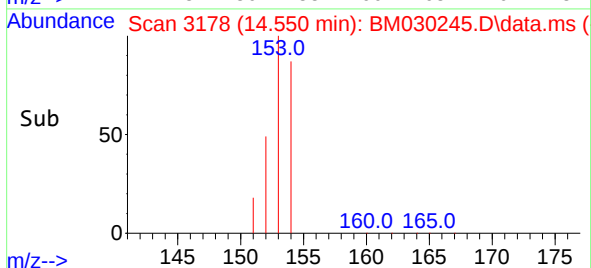
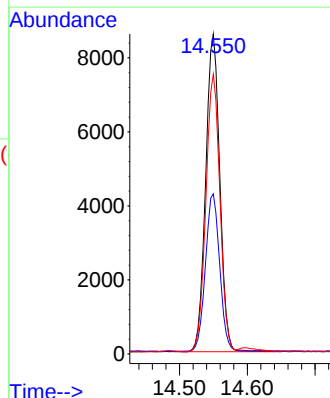
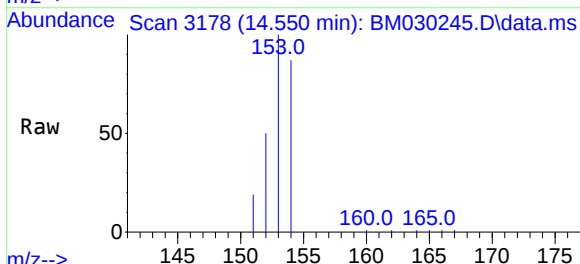
Instrument :
BNA_M
ClientSampleId :
SLCS685

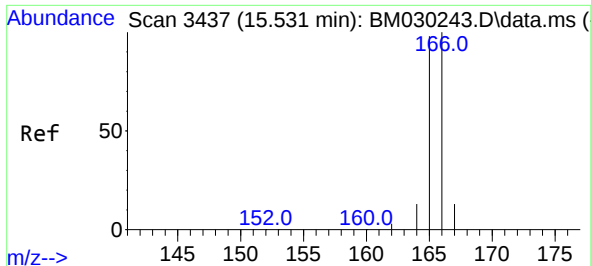
Tgt Ion:152	Resp:	13501
Ion Ratio	Lower	Upper
152	100	
151	20.4	16.2 24.2
153	13.7	10.9 16.3



#11
Acenaphthene
Concen: 0.30 ng/ul
RT: 14.550 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

Tgt Ion:153	Resp:	12462
Ion Ratio	Lower	Upper
153	100	
152	50.0	39.8 59.8
154	87.5	70.9 106.3



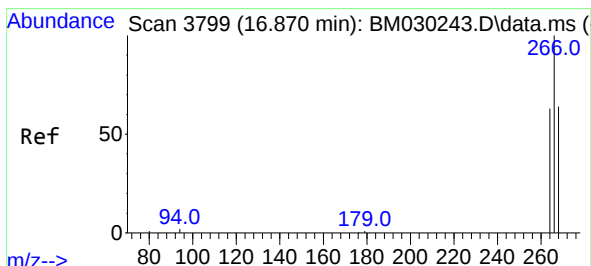
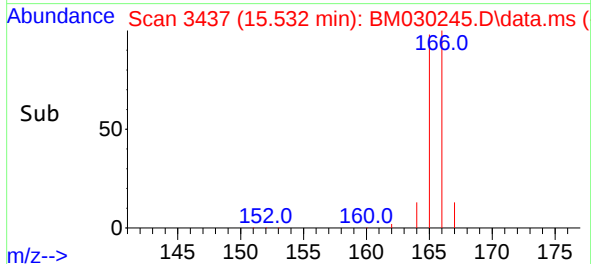
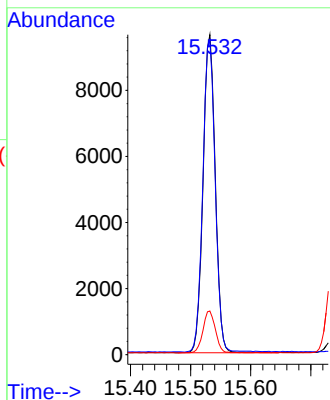
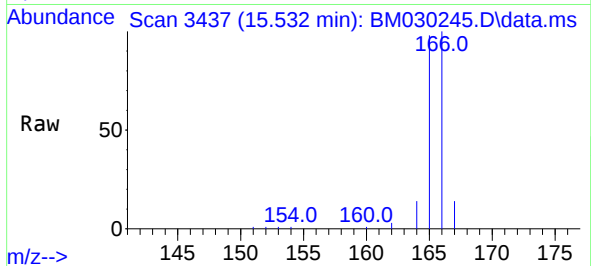


#12
Fluorene
Concen: 0.29 ng/ul
RT: 15.532 min Scan# 3437
Delta R.T. 0.000 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

Instrument :
BNA_M
ClientSampleId :
SLCS685

Tgt Ion:166 Resp: 13581

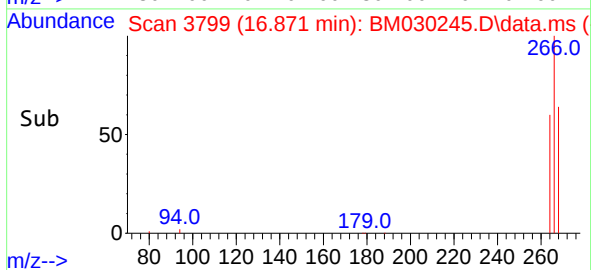
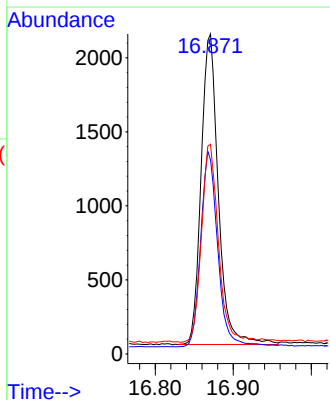
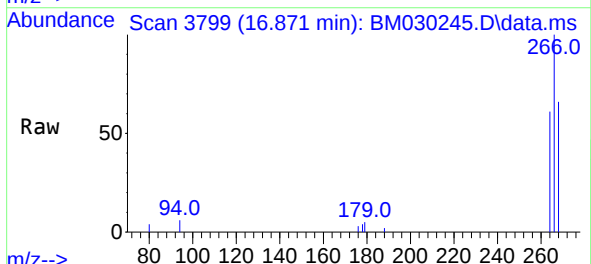
Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.2
167	13.6	10.9	16.3

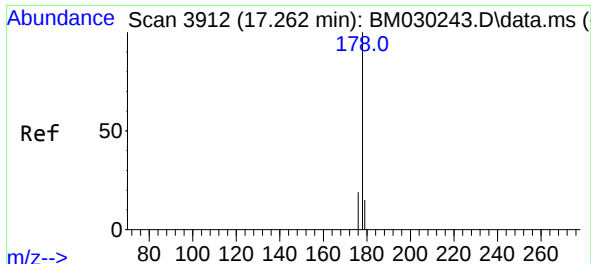


#14
Pentachlorophenol
Concen: 0.57 ng/ul
RT: 16.871 min Scan# 3799
Delta R.T. 0.000 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

Tgt Ion:266 Resp: 3224

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.6	75.8
268	63.8	50.0	75.0

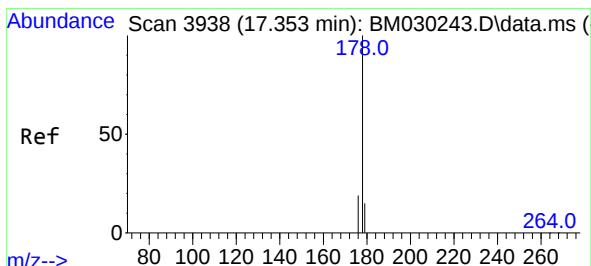
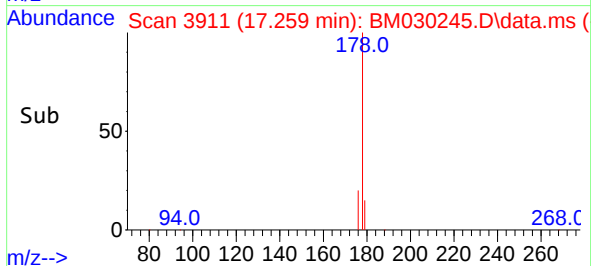
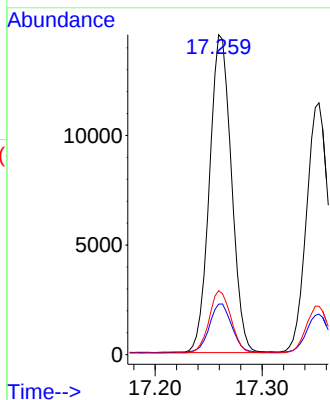
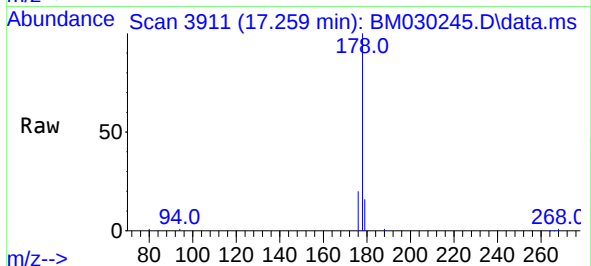




#15
Phenanthrene
Concen: 0.31 ng/ul
RT: 17.259 min Scan# 3911
Delta R.T. -0.003 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

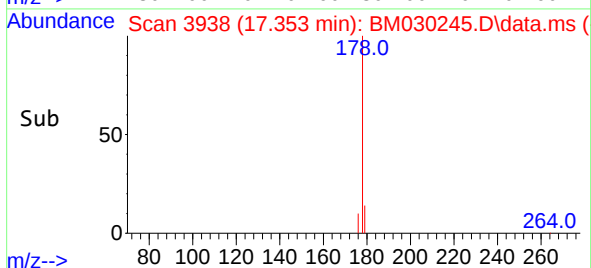
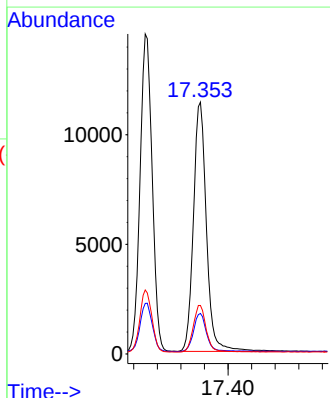
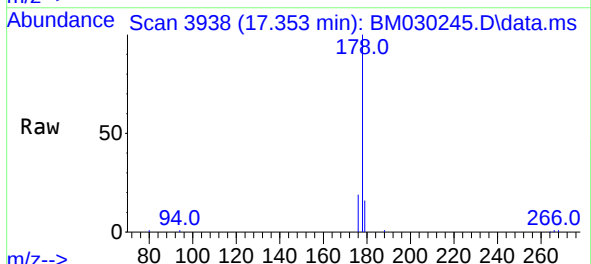
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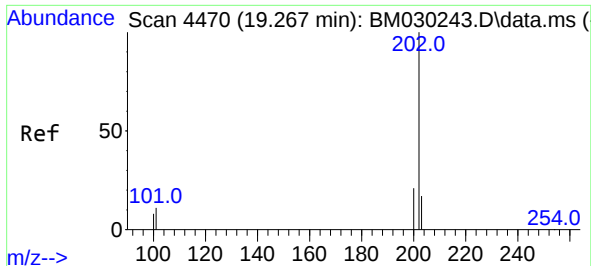
Tgt Ion:178	Resp:	20646
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.5 18.7
176	20.0	15.6 23.4



#16
Anthracene
Concen: 0.31 ng/ul
RT: 17.353 min Scan# 3938
Delta R.T. 0.000 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

Tgt Ion:178	Resp:	17439
Ion Ratio	Lower	Upper
178	100	
179	16.1	13.1 19.7
176	19.3	15.7 23.5

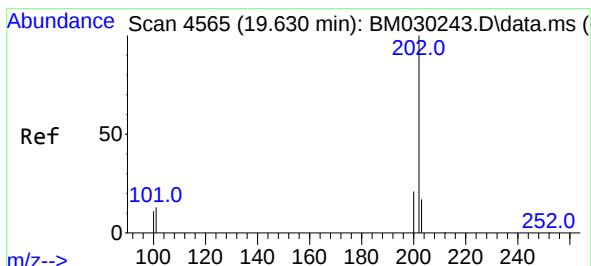
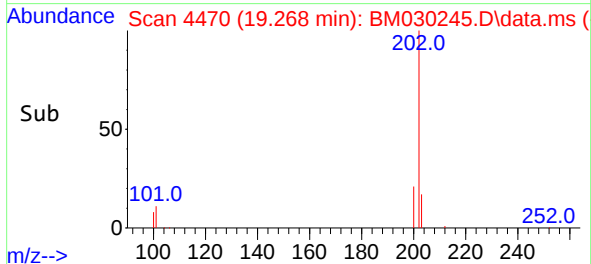
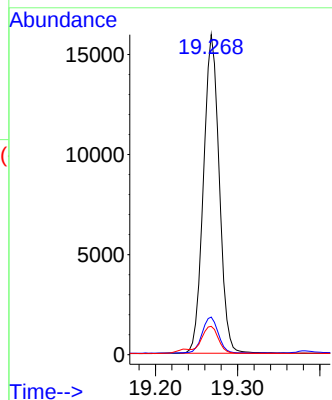
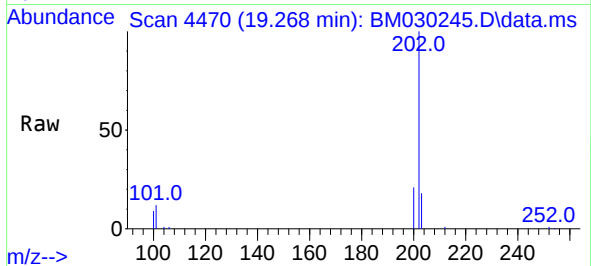




#19
Fluoranthene
Concen: 0.36 ng/ul
RT: 19.268 min Scan# 4470
Delta R.T. 0.000 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

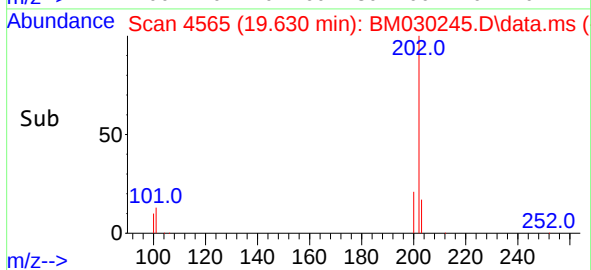
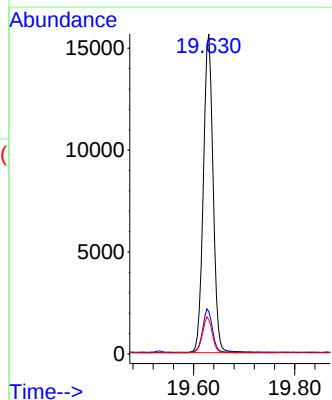
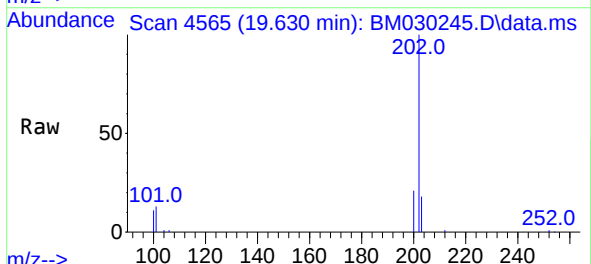
Instrument :
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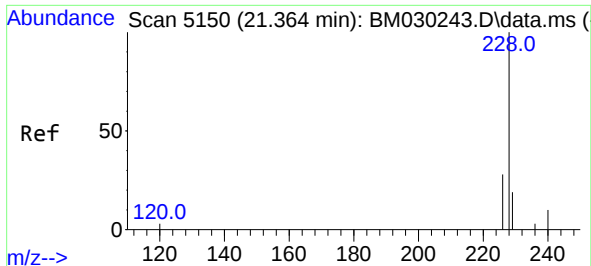
Tgt Ion:202 Resp: 21260
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 8.8 7.4 11.0



#20
Pyrene
Concen: 0.35 ng/ul
RT: 19.630 min Scan# 4565
Delta R.T. 0.000 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

Tgt Ion:202 Resp: 21015
Ion Ratio Lower Upper
202 100
101 13.2 10.6 16.0
100 10.7 8.9 13.3

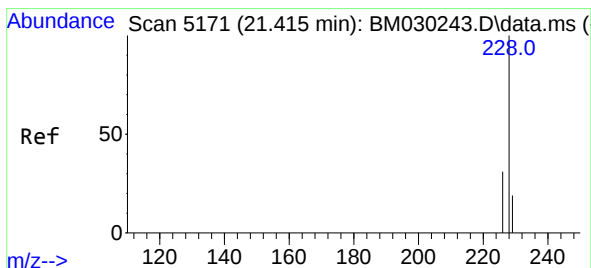
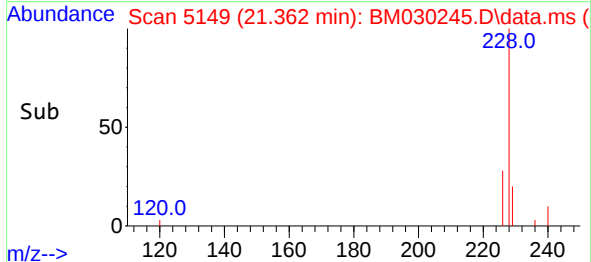
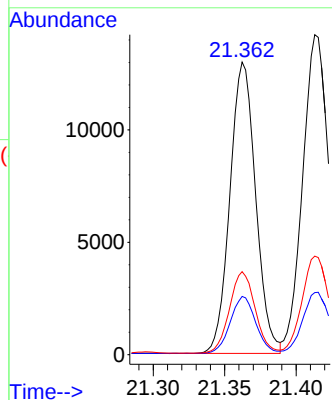
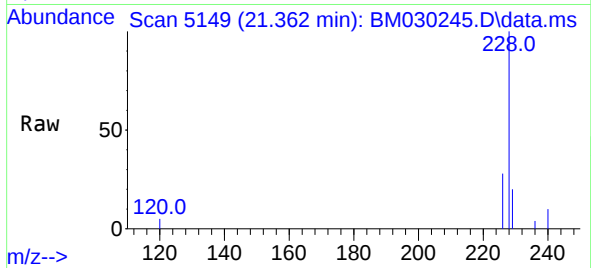




#21
Benzo(a)anthracene
Concen: 0.35 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.002 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

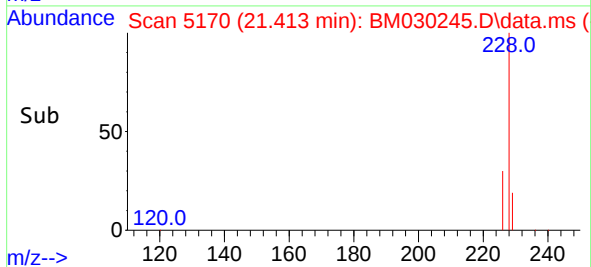
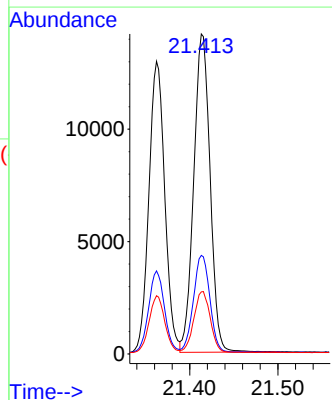
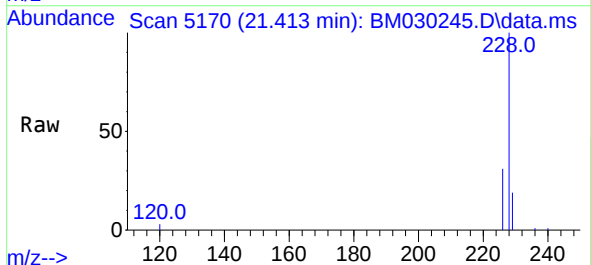
Instrument :
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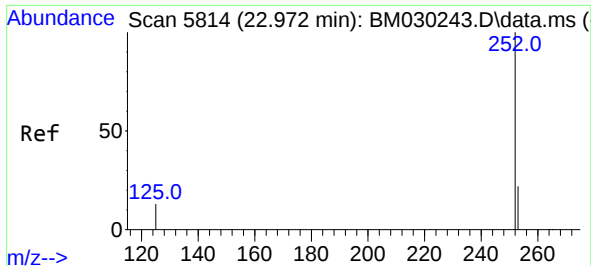
Tgt Ion:228	Resp:	16255
Ion Ratio	Lower	Upper
228	100	
229	19.9	15.9 23.9
226	28.3	22.3 33.5



#22
Chrysene
Concen: 0.36 ng/ul
RT: 21.413 min Scan# 5170
Delta R.T. -0.002 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

Tgt Ion:228	Resp:	18242
Ion Ratio	Lower	Upper
228	100	
226	30.8	24.7 37.1
229	19.4	15.7 23.5

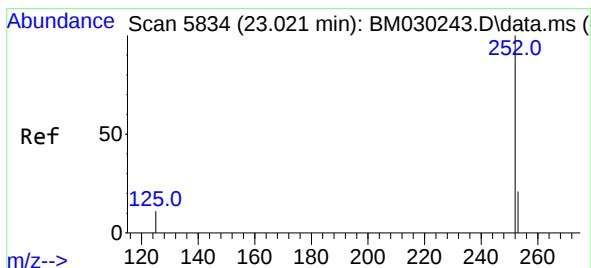
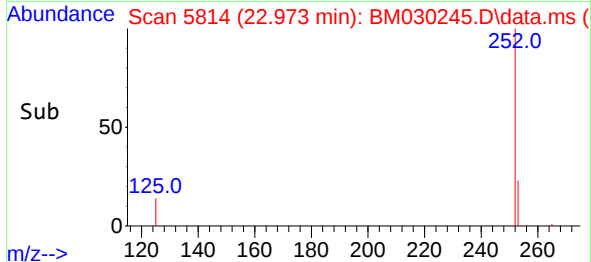
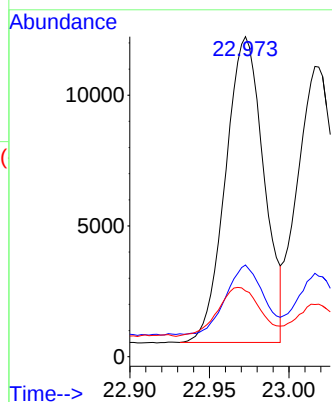
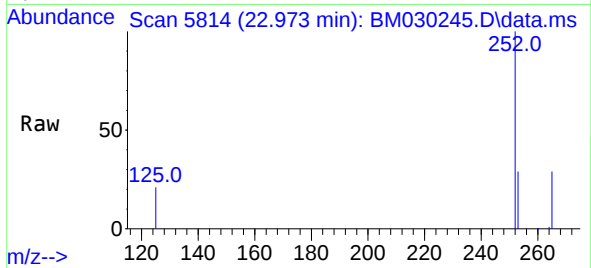




#24
Benzo(b)fluoranthene
Concen: 0.37 ng/ul
RT: 22.973 min Scan# 5814
Delta R.T. 0.000 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

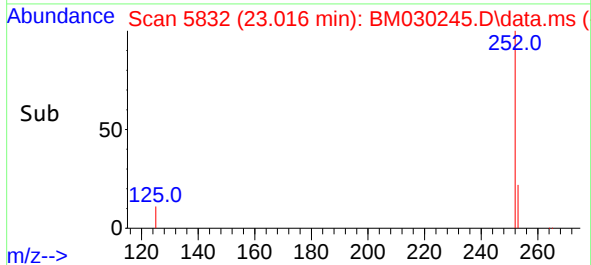
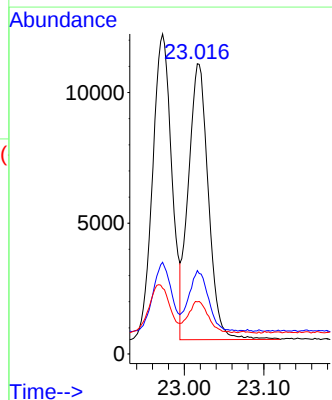
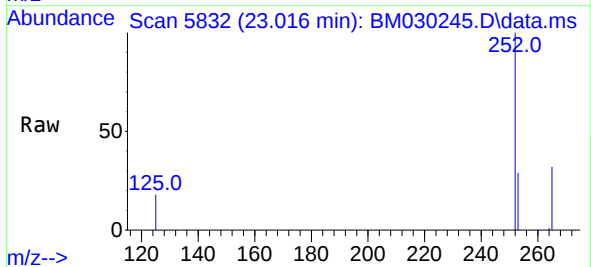
Instrument :
BNA_M
ClientSampleId :
SLCS685

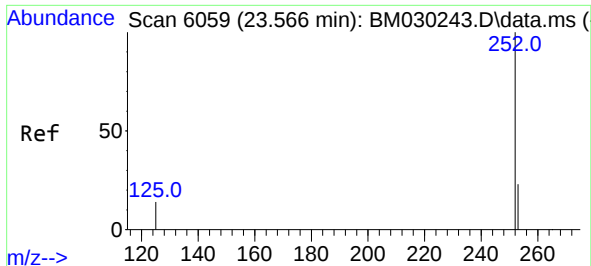
Tgt Ion:252 Resp: 19579
Ion Ratio Lower Upper
252 100
253 28.6 0.0 57.4
125 20.5 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.37 ng/ul
RT: 23.016 min Scan# 5832
Delta R.T. -0.002 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

Tgt Ion:252 Resp: 18455
Ion Ratio Lower Upper
252 100
253 28.7 23.0 34.6
125 18.0 14.8 22.2

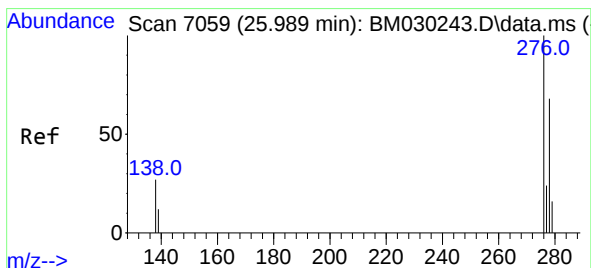
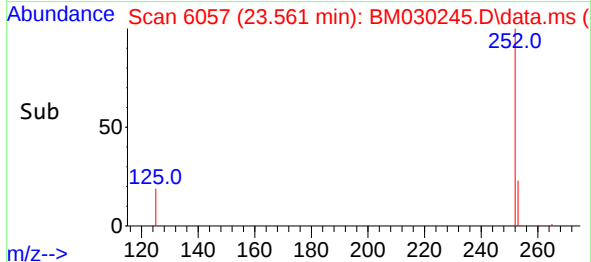
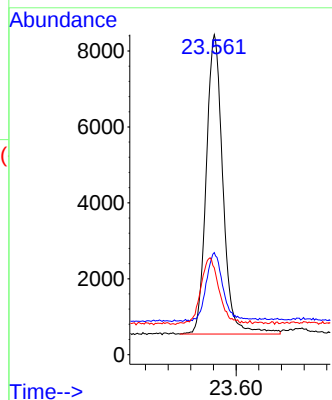
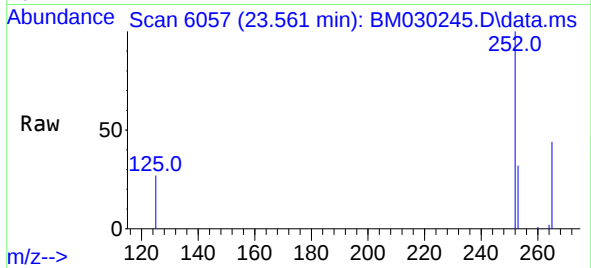




#26
Benzo(a)pyrene
Concen: 0.38 ng/u1
RT: 23.561 min Scan# 6057
Delta R.T. -0.002 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

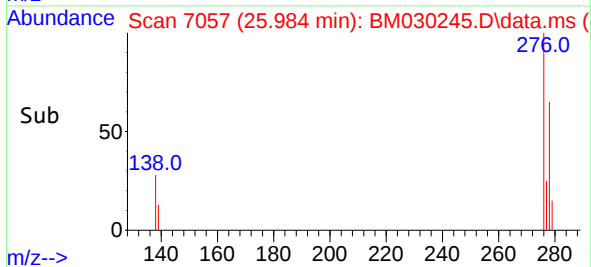
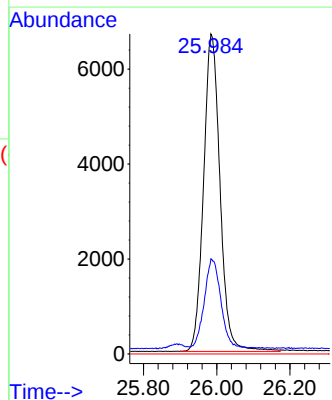
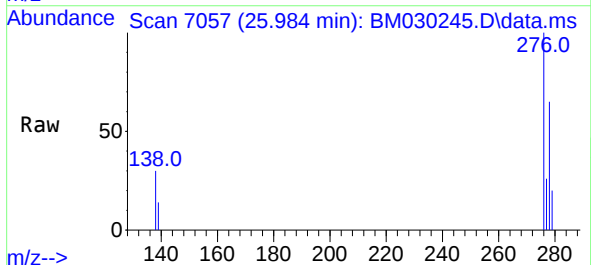
Instrument :
BNA_M
ClientSampleId :
SLCS685

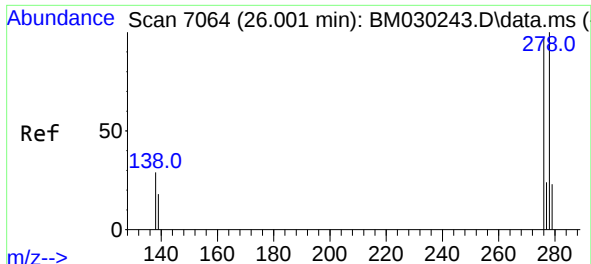
Tgt Ion:252	Resp:	16106
Ion Ratio	Lower	Upper
252	100	
253	31.9	25.3 37.9
125	27.1	17.6 26.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng/u1
RT: 25.984 min Scan# 7057
Delta R.T. 0.000 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

Tgt Ion:276	Resp:	20888
Ion Ratio	Lower	Upper
276	100	
138	28.1	22.3 33.5
227	0.0	0.0 0.0

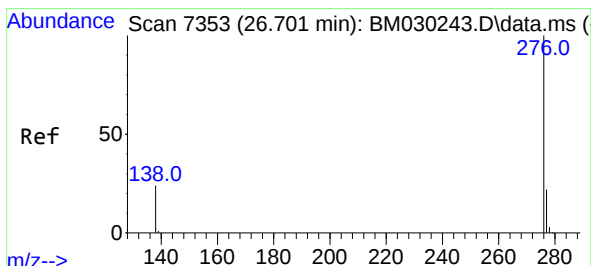
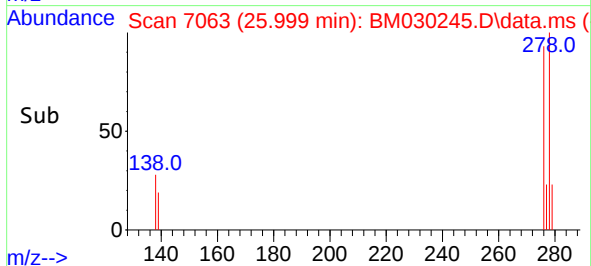
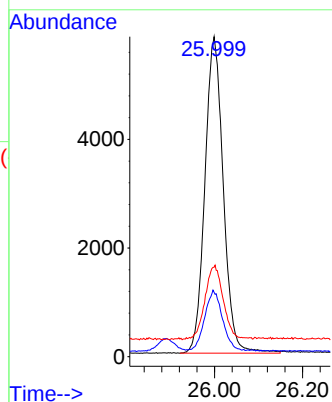
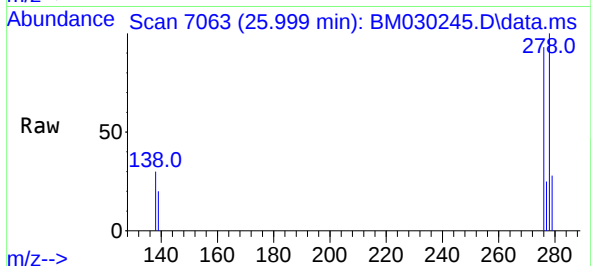




#28
Dibenzo(a,h)anthracene
Concen: 0.37 ng/ul
RT: 25.999 min Scan# 7063
Delta R.T. -0.002 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

Instrument :
BNA_M
ClientSampled :
SLCS685

Tgt Ion:278 Resp: 16878
Ion Ratio Lower Upper
278 100
139 20.1 15.8 23.8
279 27.9 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.36 ng/ul
RT: 26.696 min Scan# 7351
Delta R.T. -0.002 min
Lab File: BM030245.D
Acq: 01 Jun 2021 20:22

Tgt Ion:276 Resp: 17785
Ion Ratio Lower Upper
276 100
138 26.8 21.5 32.3
277 25.3 19.5 29.3

