

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060121\
 Data File : BM030258.D
 Acq On : 02 Jun 2021 14:19
 Operator : CG/JU
 Sample : M2528-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YARK5MS

Quant Time: Jun 02 14:59:11 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 02:39:12 2021
 Response via : Initial Calibration

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

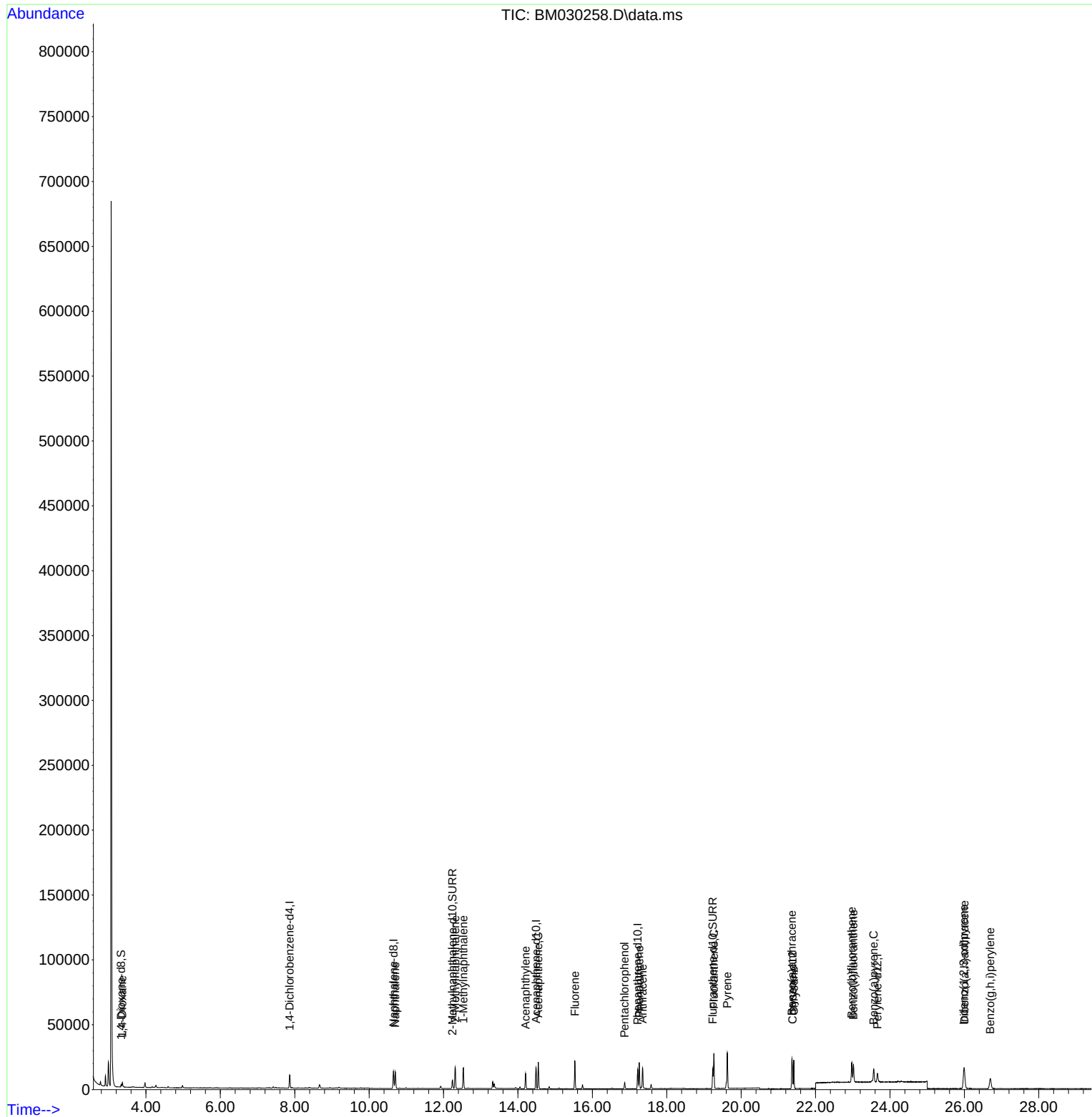
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	5101	0.40	ng/ul	0.00
4) Naphthalene-d8	10.653	136	17673	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.485	164	9117	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.218	188	17151	0.40	ng/ul	0.00
17) Chrysene-d12	21.379	240	11173	0.40	ng/ul	0.00
23) Perylene-d12	23.663	264	9477	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1350	0.27	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.241	152	8543	0.34	ng/ul	0.00
18) Fluoranthene-d10	19.237	212	16037	0.43	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.366	88	2171	0.40	ng/ul	98
5) Naphthalene	10.703	128	17957	0.34	ng/ul	100
7) 2-Methylnaphthalene	12.313	142	11839	0.34	ng/ul	99
8) 1-Methylnaphthalene	12.533	142	10888	0.32	ng/ul	99
10) Acenaphthylene	14.205	152	13800	0.32	ng/ul	100
11) Acenaphthene	14.546	153	11868	0.32	ng/ul	98
12) Fluorene	15.532	166	13150	0.31	ng/ul	99
14) Pentachlorophenol	16.867	266	3223	0.60	ng/ul	98
15) Phenanthrene	17.259	178	21552	0.35	ng/ul	99
16) Anthracene	17.350	178	18105	0.34	ng/ul	99
19) Fluoranthene	19.268	202	23108	0.41	ng/ul	100
20) Pyrene	19.626	202	23451	0.41	ng/ul	98
21) Benzo(a)anthracene	21.362	228	17378	0.39	ng/ul	99
22) Chrysene	21.413	228	18938	0.39	ng/ul	100
24) Benzo(b)fluoranthene	22.973	252	19042	0.40	ng/ul	99
25) Benzo(k)fluoranthene	23.019	252	17458	0.39	ng/ul	100
26) Benzo(a)pyrene	23.564	252	15219	0.40	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.984	276	19050	0.38	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.999	278	15449	0.38	ng/ul	99
29) Benzo(g,h,i)perylene	26.696	276	16493	0.37	ng/ul	98

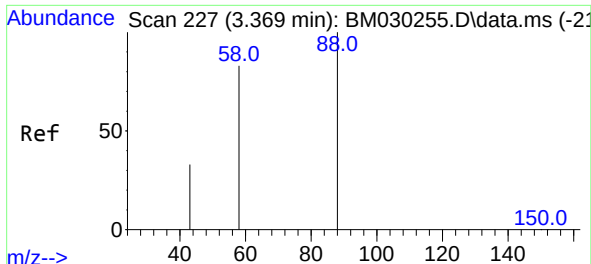
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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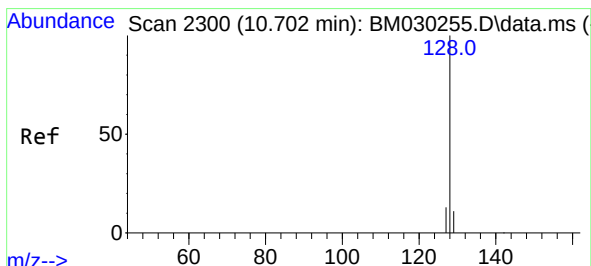
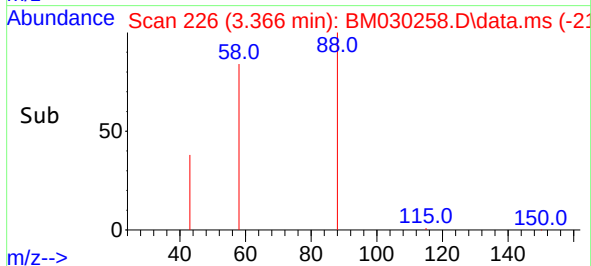
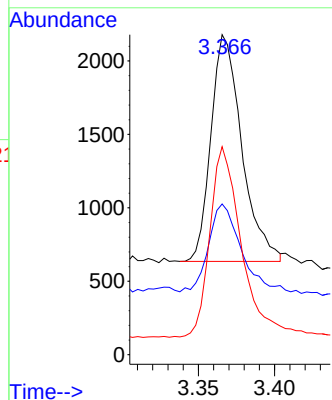
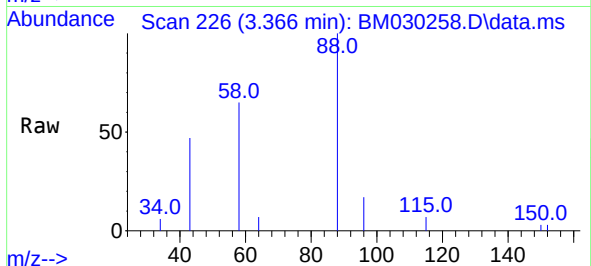




#2
1,4-Dioxane
Concen: 0.40 ng/ul
RT: 3.366 min Scan# 226
Delta R.T. -0.003 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

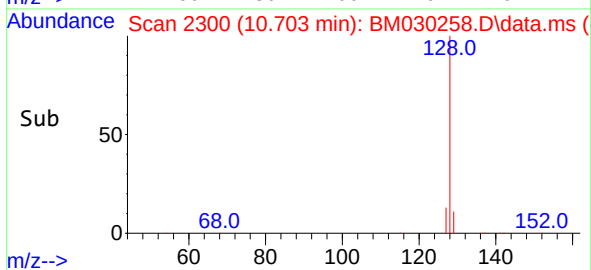
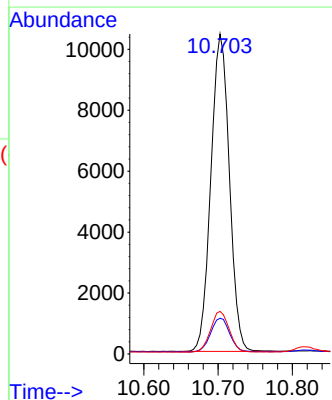
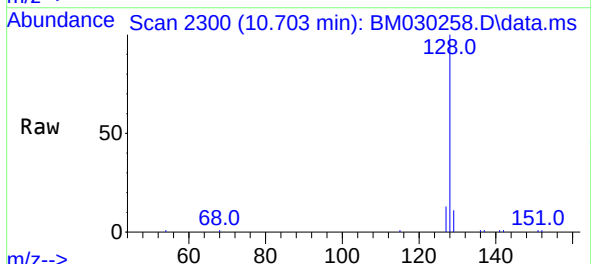
Instrument :
BNA_M
ClientSampleId :
YARK5MS

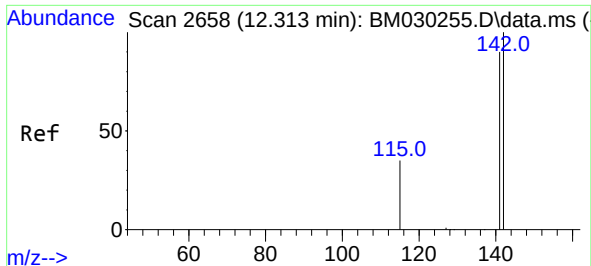
Tgt Ion: 88 Resp: 2171
Ion Ratio Lower Upper
88 100
43 47.1 38.2 57.4
58 65.0 49.8 74.8



#5
Naphthalene
Concen: 0.34 ng/ul
RT: 10.703 min Scan# 2300
Delta R.T. -0.005 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

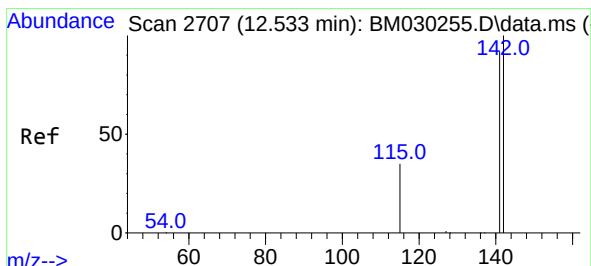
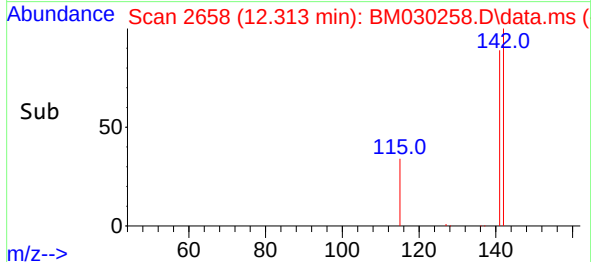
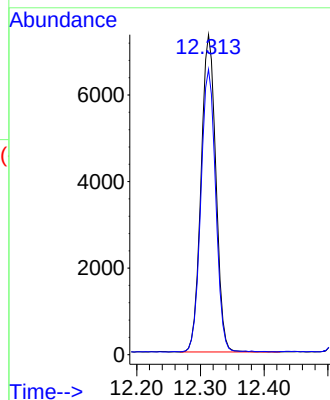
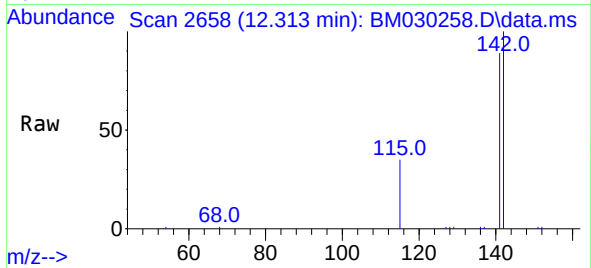
Tgt Ion: 128 Resp: 17957
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.3 10.5 15.7





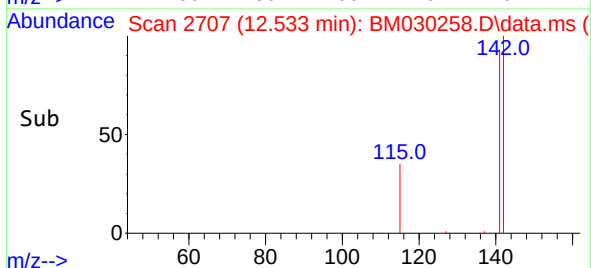
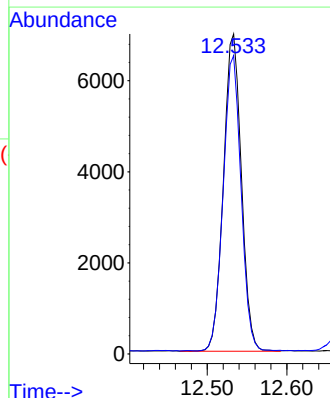
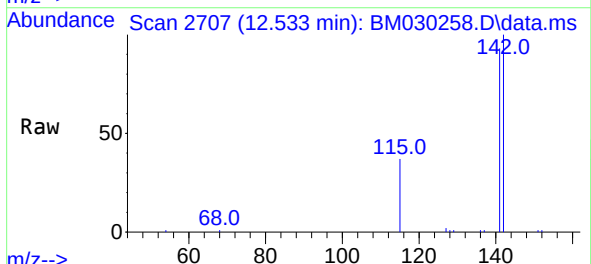
#7
2-Methylnaphthalene
Concen: 0.34 ng/ul
RT: 12.313 min Scan# 2658
Delta R.T. -0.000 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

Tgt Ion:142 Resp: 11839
Ion Ratio Lower Upper
142 100
141 88.8 71.5 107.3

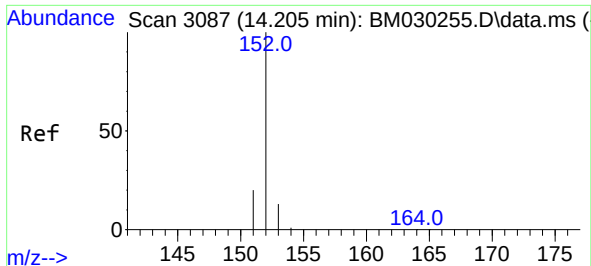


#8
1-Methylnaphthalene
Concen: 0.32 ng/ul
RT: 12.533 min Scan# 2707
Delta R.T. -0.000 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

Tgt Ion:142 Resp: 10888
Ion Ratio Lower Upper
142 100
141 92.7 73.3 109.9



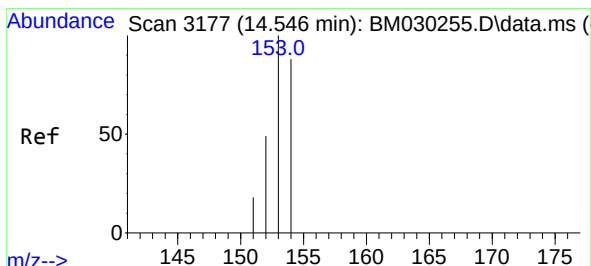
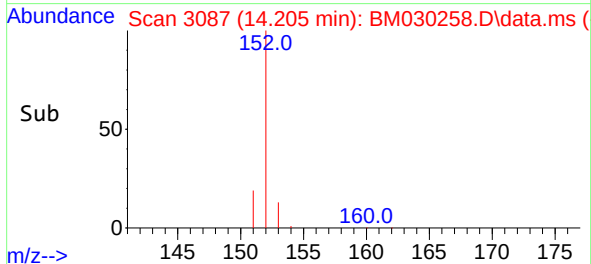
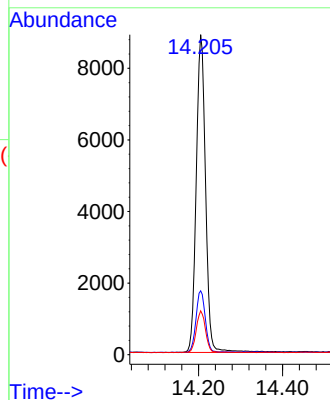
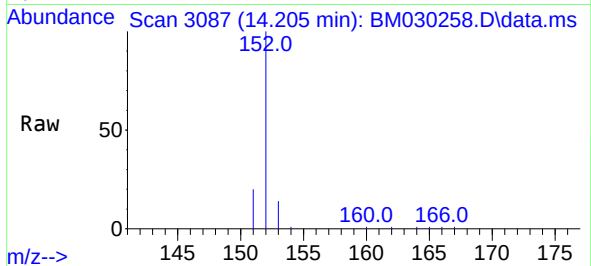
Instrument :
BNA_M
ClientSampleId :
YARK5MS



#10
Acenaphthylene
Concen: 0.32 ng/ul
RT: 14.205 min Scan# 3087
Delta R.T. -0.004 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

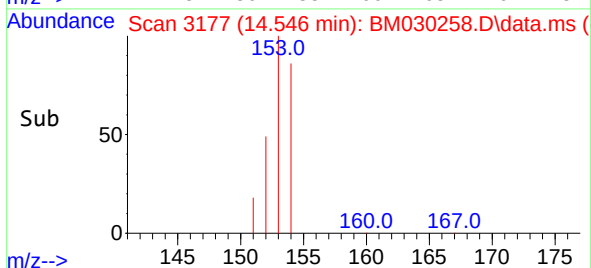
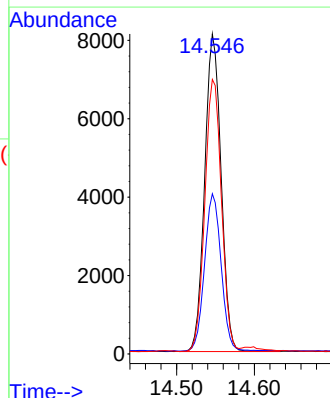
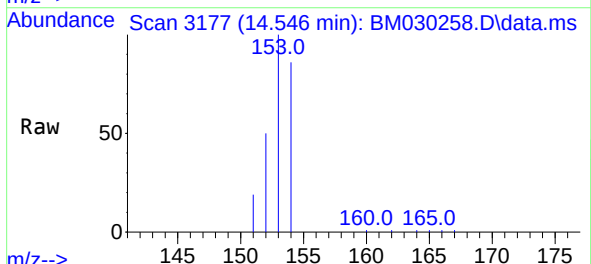
Instrument :
BNA_M
ClientSampleId :
YARK5MS

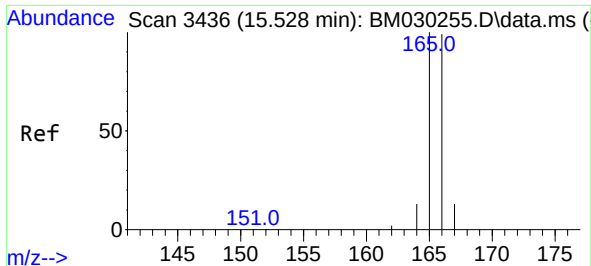
Tgt Ion:	152	Resp:	13800
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.7	10.9	16.3



#11
Acenaphthene
Concen: 0.32 ng/ul
RT: 14.546 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

Tgt Ion:	153	Resp:	11868
Ion	Ratio	Lower	Upper
153	100		
152	50.0	39.8	59.8
154	85.8	70.9	106.3

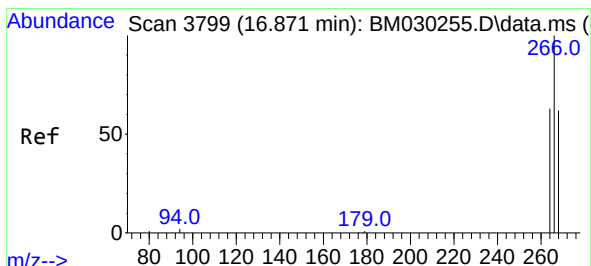
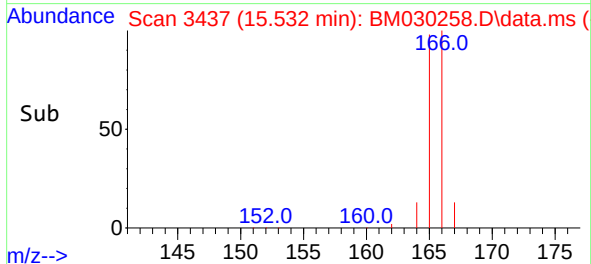
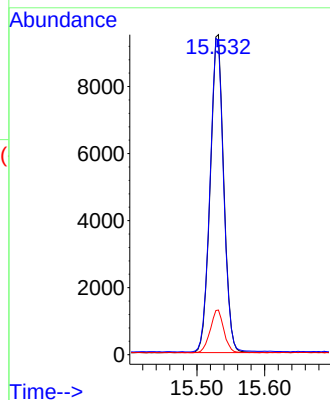
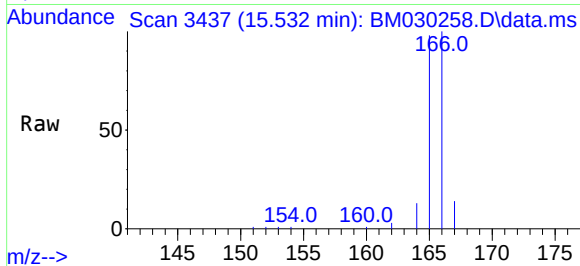




#12
Fluorene
Concen: 0.31 ng/ul
RT: 15.532 min Scan# 3437
Delta R.T. -0.000 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

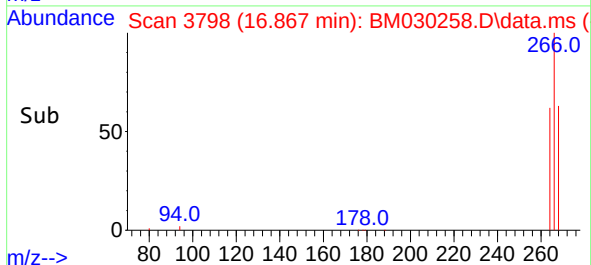
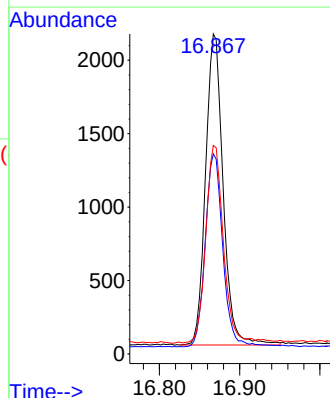
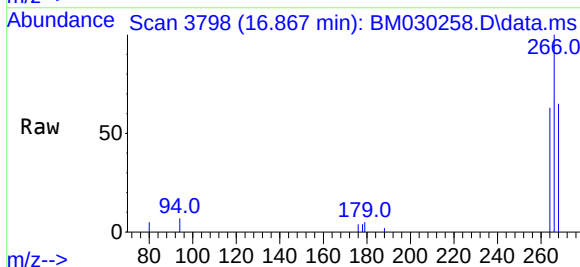
Instrument :
BNA_M
ClientSampleId :
YARK5MS

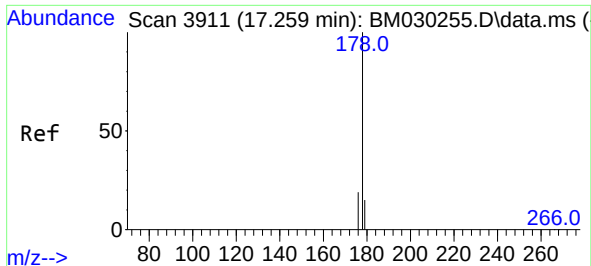
Tgt Ion:	166	Resp:	13150
Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.2
167	13.9	10.9	16.3



#14
Pentachlorophenol
Concen: 0.60 ng/ul
RT: 16.867 min Scan# 3798
Delta R.T. -0.003 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

Tgt Ion:	266	Resp:	3223
Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.6	75.8
268	63.9	50.0	75.0

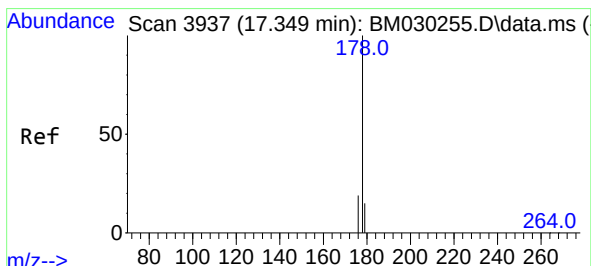
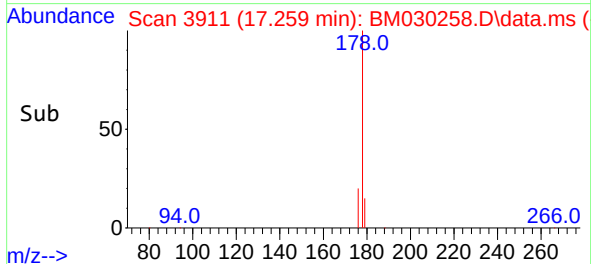
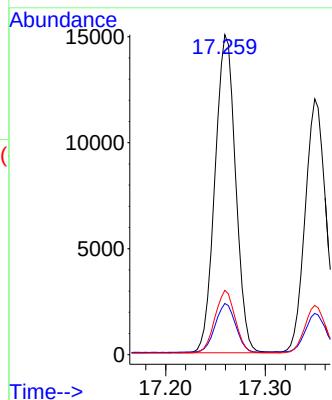
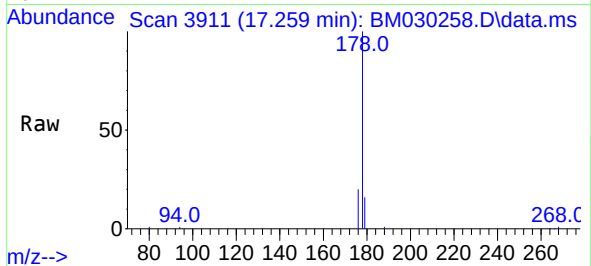




#15
Phenanthrene
Concen: 0.35 ng/ul
RT: 17.259 min Scan# 3911
Delta R.T. -0.003 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

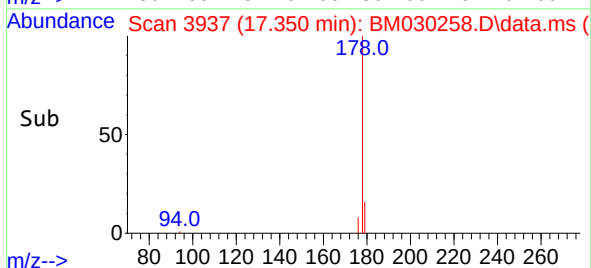
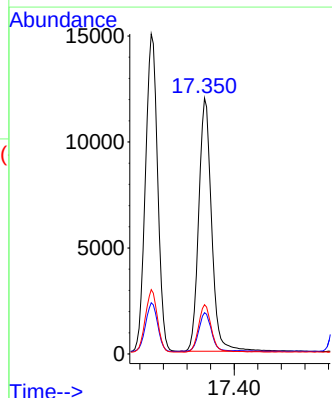
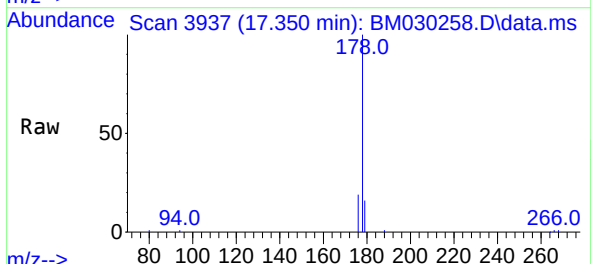
Instrument :
BNA_M
ClientSampleId :
YARK5MS

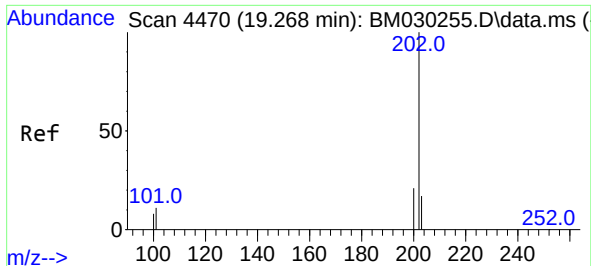
Tgt Ion:178	Resp:	21552
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.5 18.7
176	20.1	15.6 23.4



#16
Anthracene
Concen: 0.34 ng/ul
RT: 17.350 min Scan# 3937
Delta R.T. -0.003 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

Tgt Ion:178	Resp:	18105
Ion Ratio	Lower	Upper
178	100	
179	16.1	13.1 19.7
176	19.3	15.7 23.5

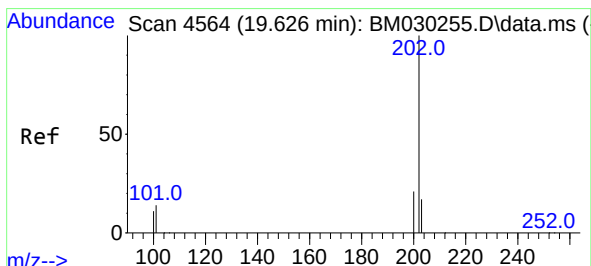
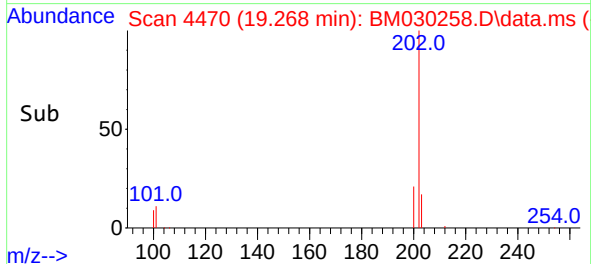
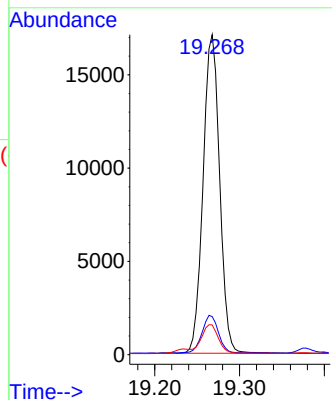
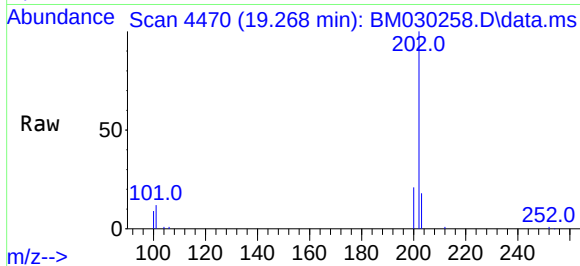




#19
Fluoranthene
Concen: 0.41 ng/ul
RT: 19.268 min Scan# 4470
Delta R.T. -0.000 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

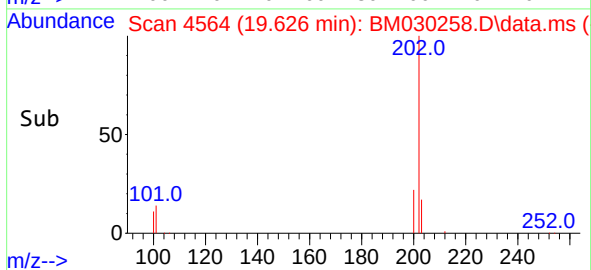
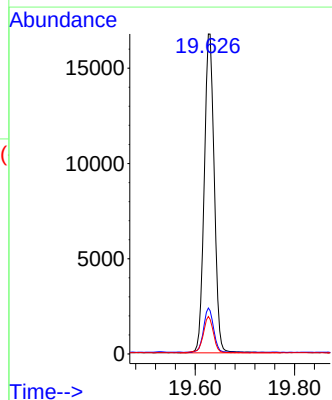
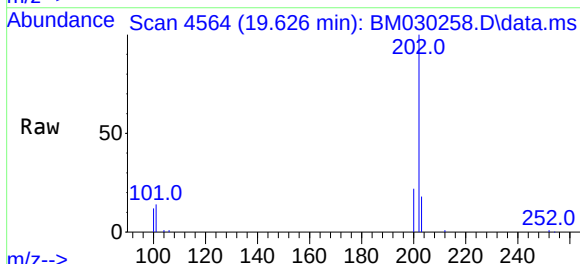
Instrument :
BNA_M
ClientSampleId :
YARK5MS

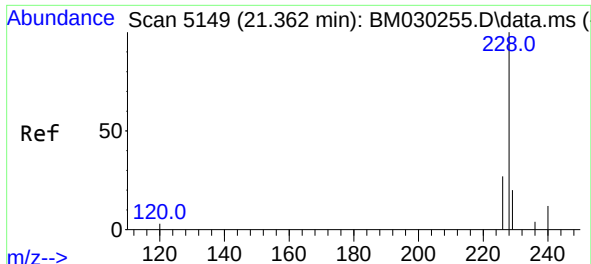
Tgt Ion:202	Resp:	23108
Ion Ratio	Lower	Upper
202	100	
101	11.9	9.7 14.5
100	9.3	7.4 11.0



#20
Pyrene
Concen: 0.41 ng/ul
RT: 19.626 min Scan# 4564
Delta R.T. -0.004 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

Tgt Ion:202	Resp:	23451
Ion Ratio	Lower	Upper
202	100	
101	14.3	10.6 16.0
100	11.7	8.9 13.3



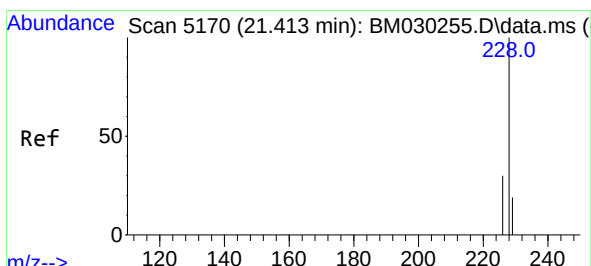
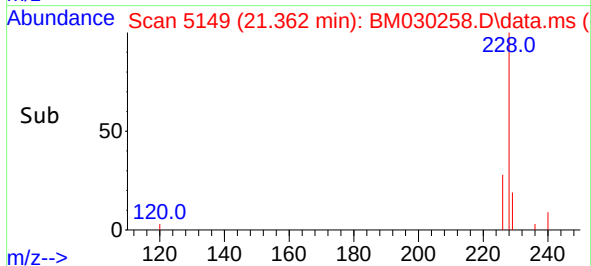
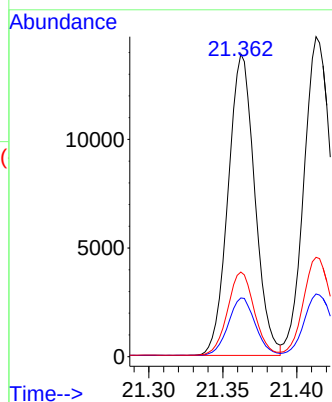
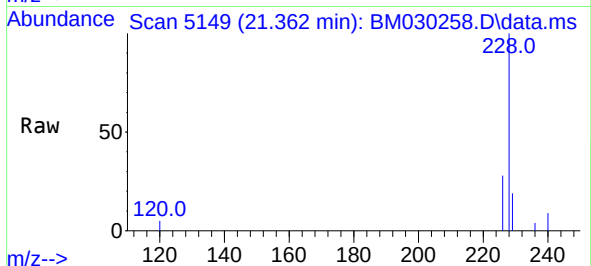


#21
Benzo(a)anthracene
Concen: 0.39 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.002 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

Instrument :
BNA_M
ClientSampleId :
YARK5MS

Tgt Ion:228 Resp: 17378

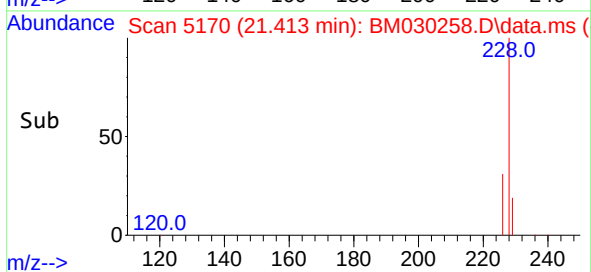
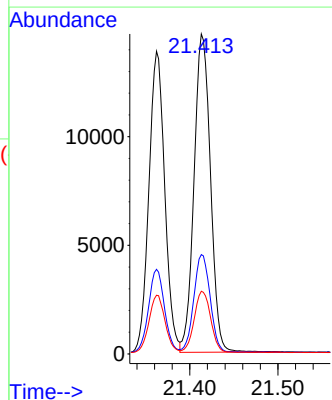
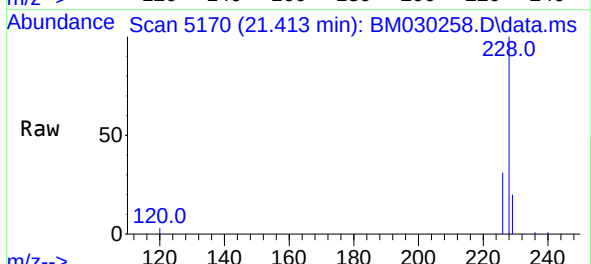
Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.9	23.9
226	28.0	22.3	33.5

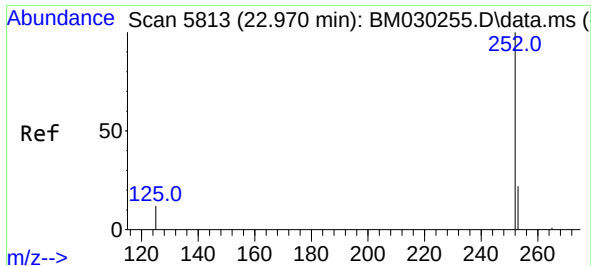


#22
Chrysene
Concen: 0.39 ng/ul
RT: 21.413 min Scan# 5170
Delta R.T. -0.002 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

Tgt Ion:228 Resp: 18938

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	19.6	15.7	23.5

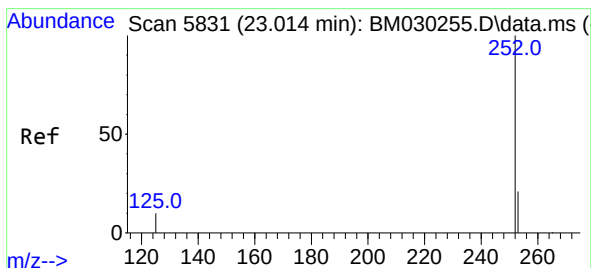
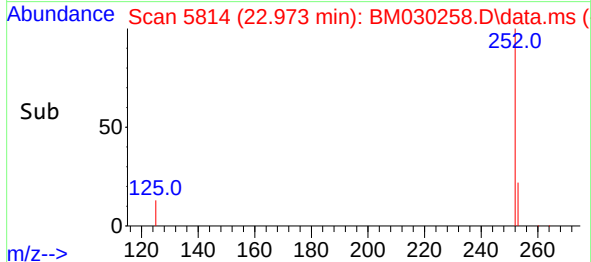
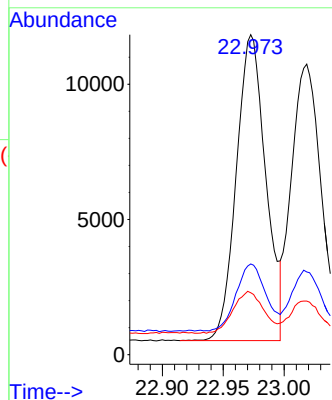
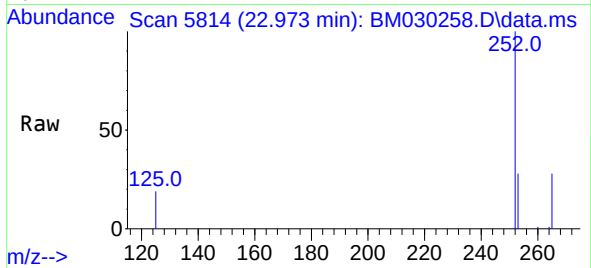




#24
Benzo(b)fluoranthene
Concen: 0.40 ng/ul
RT: 22.973 min Scan# 5814
Delta R.T. 0.000 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

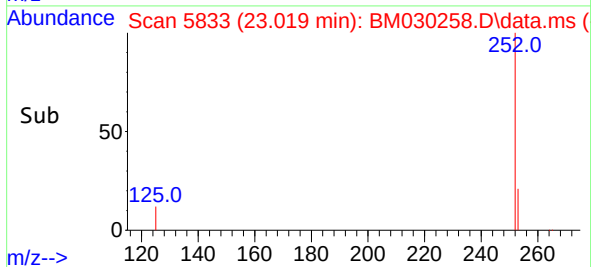
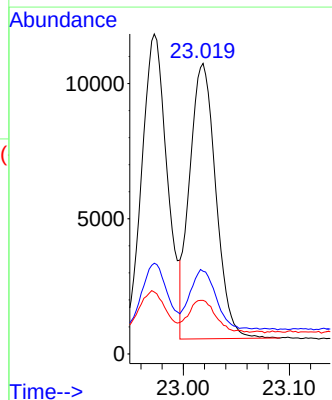
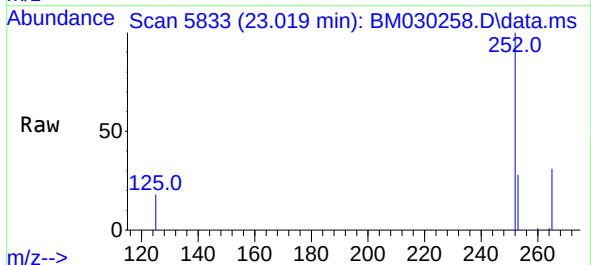
Tgt Ion:252	Resp:	19042
Ion Ratio	Lower	Upper
252	100	
253	28.3	0.0 57.4
125	19.4	0.0 38.0

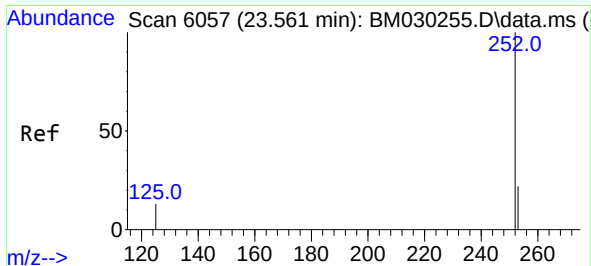
Instrument :
BNA_M
ClientSampleId :
YARK5MS



#25
Benzo(k)fluoranthene
Concen: 0.39 ng/ul
RT: 23.019 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

Tgt Ion:252	Resp:	17458
Ion Ratio	Lower	Upper
252	100	
253	28.4	23.0 34.6
125	18.4	14.8 22.2

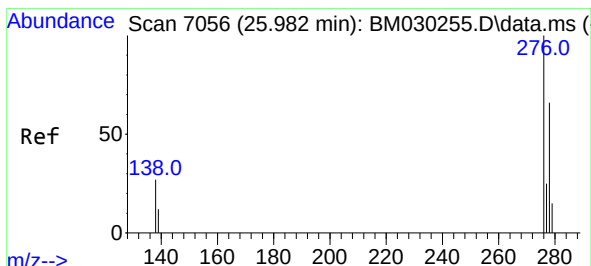
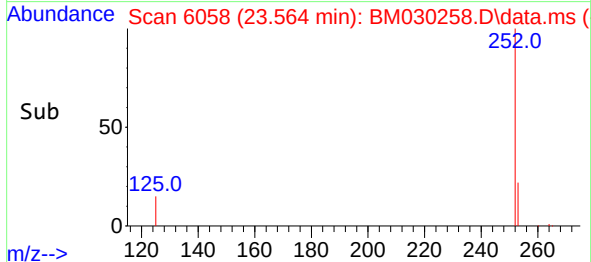
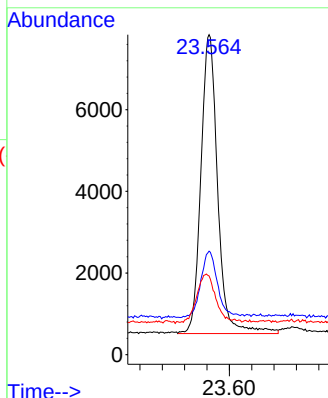
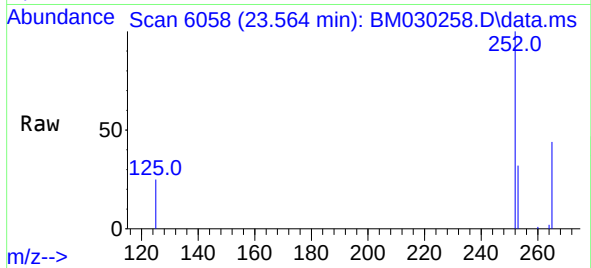




#26
Benzo(a)pyrene
Concen: 0.40 ng/ul
RT: 23.564 min Scan# 6058
Delta R.T. -0.000 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

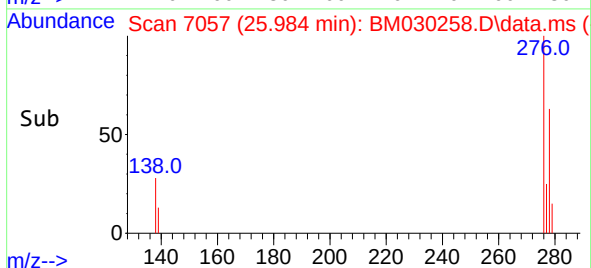
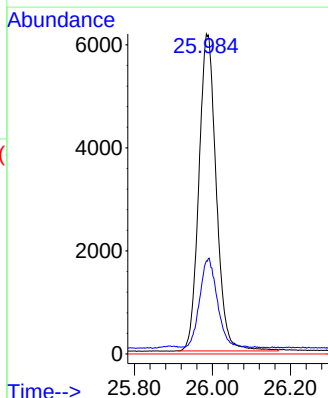
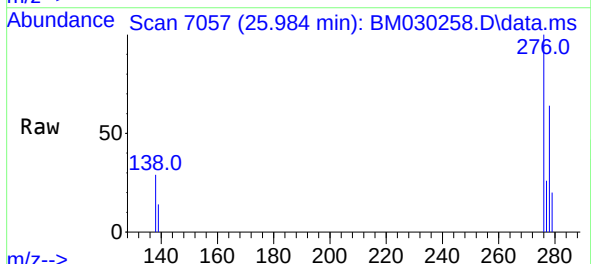
Instrument :
BNA_M
ClientSampleId :
YARK5MS

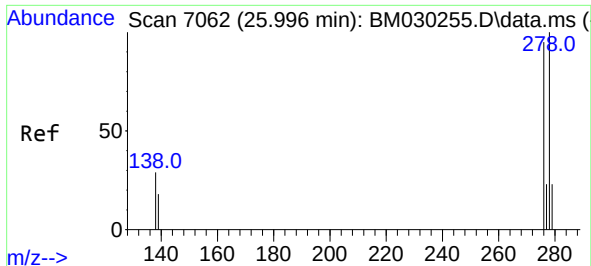
Tgt Ion:	252	Resp:	15219
Ion Ratio	Lower	Upper	
252	100		
253	32.4	25.3	37.9
125	24.6	17.6	26.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/ul
RT: 25.984 min Scan# 7057
Delta R.T. -0.000 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

Tgt Ion:	276	Resp:	19050
Ion Ratio	Lower	Upper	
276	100		
138	28.6	22.3	33.5
227	0.0	0.0	0.0

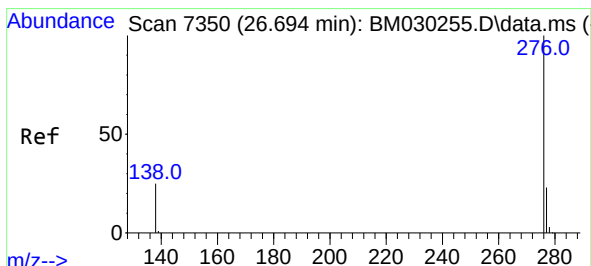
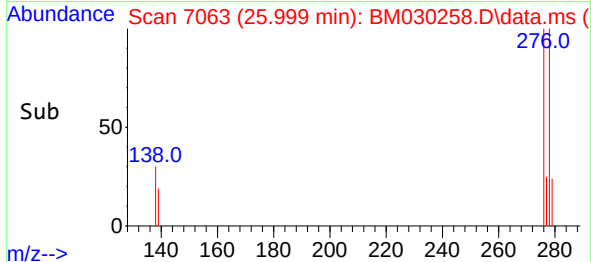
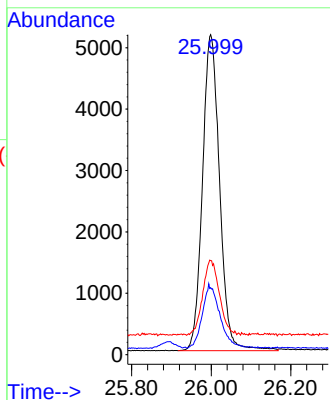
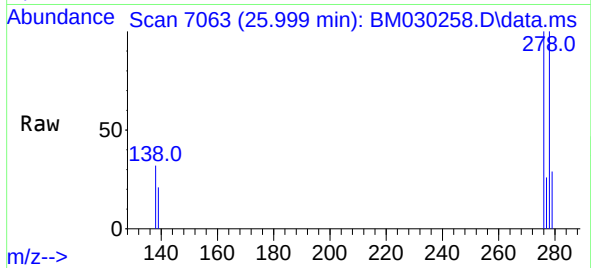




#28
Dibenzo(a,h)anthracene
Concen: 0.38 ng/ul
RT: 25.999 min Scan# 7063
Delta R.T. -0.002 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

Instrument :
BNA_M
ClientSampleId :
YARK5MS

Tgt Ion:278 Resp: 15449
Ion Ratio Lower Upper
278 100
139 21.0 15.8 23.8
279 29.4 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.37 ng/ul
RT: 26.696 min Scan# 7351
Delta R.T. -0.002 min
Lab File: BM030258.D
Acq: 02 Jun 2021 14:19

Tgt Ion:276 Resp: 16493
Ion Ratio Lower Upper
276 100
138 26.1 21.5 32.3
277 25.5 19.5 29.3

