

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060121\
 Data File : BM030259.D
 Acq On : 02 Jun 2021 14:56
 Operator : CG/JU
 Sample : M2528-03MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YARK5MSD

Quant Time: Jun 02 15:26:47 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)

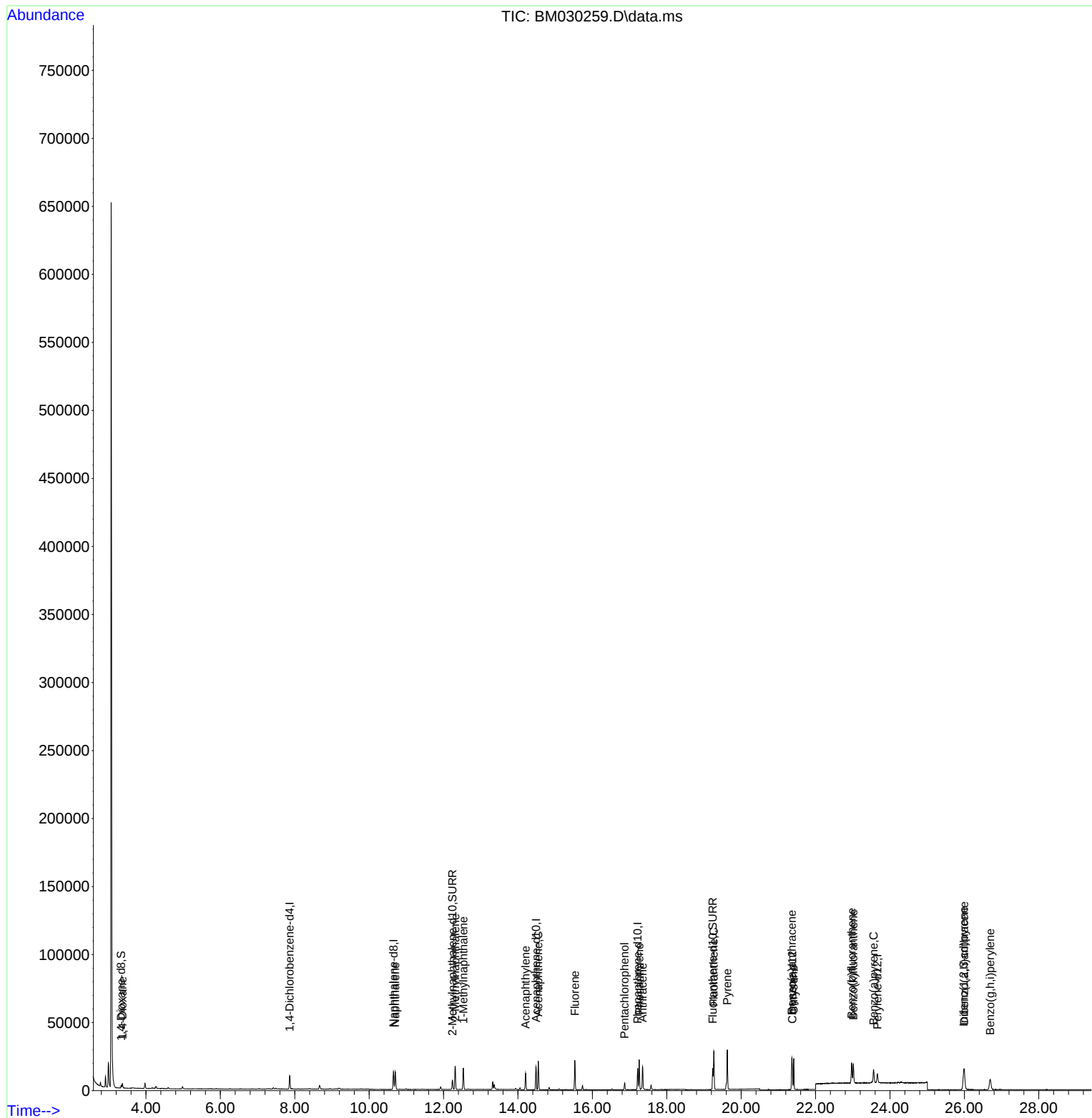
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	4991	0.40	ng/ul	0.00
4) Naphthalene-d8	10.653	136	17541	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.485	164	9334	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.218	188	17862	0.40	ng/ul	0.00
17) Chrysene-d12	21.377	240	11332	0.40	ng/ul	0.00
23) Perylene-d12	23.663	264	9212	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1357	0.28	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	8697	0.35	ng/ul	0.00
18) Fluoranthene-d10	19.237	212	16557	0.43	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	2148	0.41	ng/ul	96
5) Naphthalene	10.703	128	17731	0.34	ng/ul	99
7) 2-Methylnaphthalene	12.313	142	11860	0.34	ng/ul	99
8) 1-Methylnaphthalene	12.533	142	10971	0.33	ng/ul	99
10) Acenaphthylene	14.205	152	14058	0.32	ng/ul	100
11) Acenaphthene	14.546	153	12065	0.32	ng/ul	99
12) Fluorene	15.528	166	13481	0.31	ng/ul	99
14) Pentachlorophenol	16.867	266	3302	0.59	ng/ul	98
15) Phenanthrene	17.259	178	22350	0.35	ng/ul	100
16) Anthracene	17.350	178	18871	0.34	ng/ul	100
19) Fluoranthene	19.264	202	23923	0.41	ng/ul	100
20) Pyrene	19.626	202	24077	0.41	ng/ul	99
21) Benzo(a)anthracene	21.360	228	17696	0.39	ng/ul	99
22) Chrysene	21.410	228	19176	0.39	ng/ul	100
24) Benzo(b)fluoranthene	22.970	252	18534	0.40	ng/ul	99
25) Benzo(k)fluoranthene	23.016	252	17288	0.40	ng/ul	100
26) Benzo(a)pyrene	23.559	252	14310	0.39	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.982	276	18589	0.38	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.996	278	15135	0.38	ng/ul	99
29) Benzo(g,h,i)perylene	26.694	276	16290	0.38	ng/ul	99

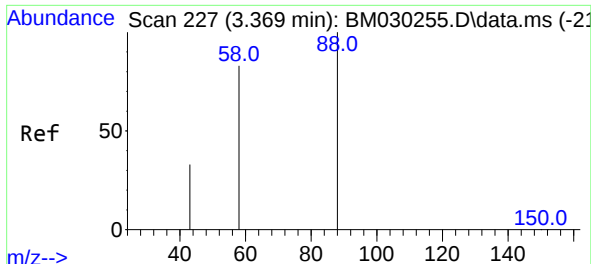
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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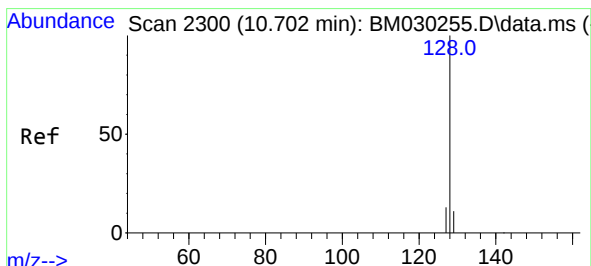
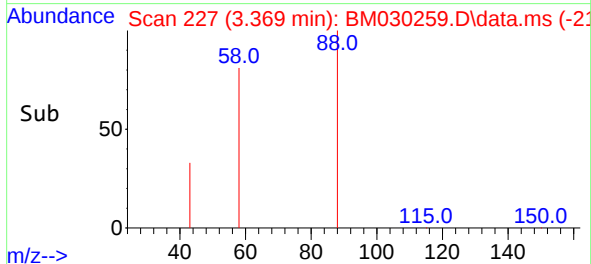
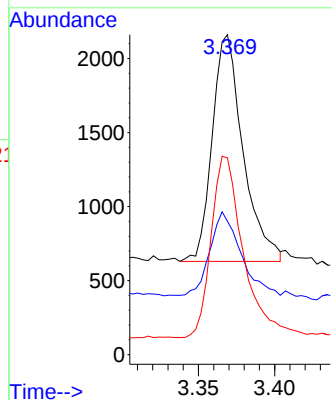
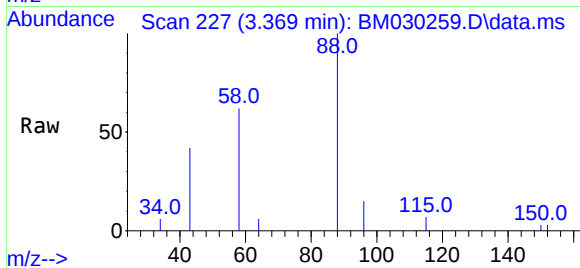


#2
1,4-Dioxane
Concen: 0.41 ng/ul
RT: 3.369 min Scan# 227
Delta R.T. -0.000 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

Instrument :
BNA_M
ClientSampleId :
YARK5MSD

Tgt Ion: 88 Resp: 2148

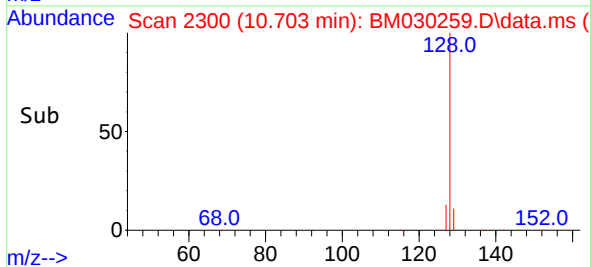
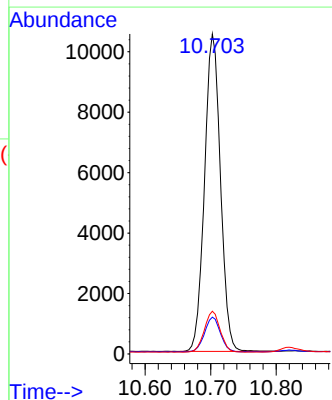
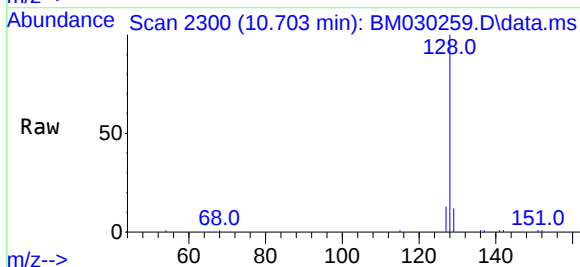
Ion	Ratio	Lower	Upper
88	100		
43	41.7	38.2	57.4
58	61.5	49.8	74.8

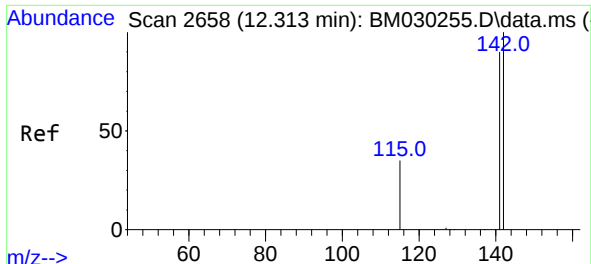


#5
Naphthalene
Concen: 0.34 ng/ul
RT: 10.703 min Scan# 2300
Delta R.T. -0.005 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

Tgt Ion: 128 Resp: 17731

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.3	10.5	15.7

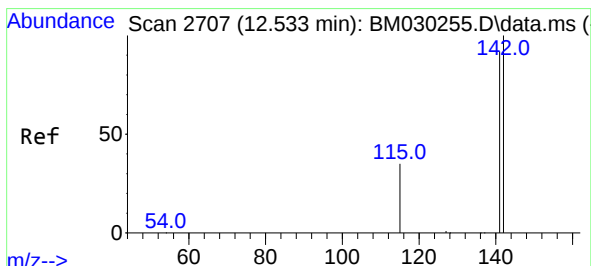
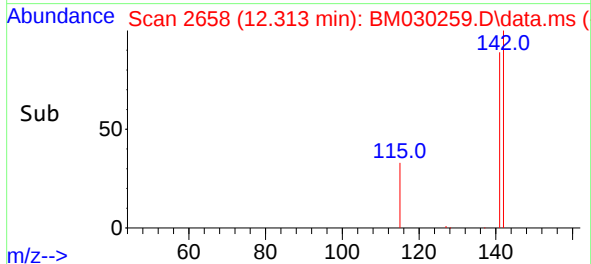
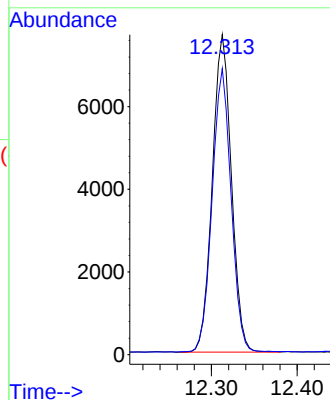
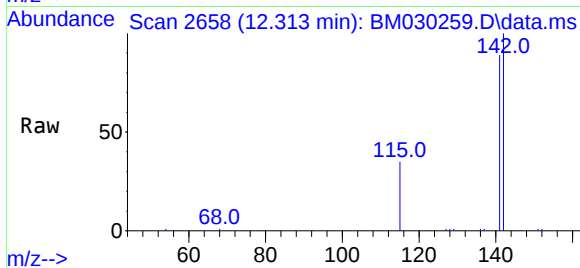




#7
2-Methylnaphthalene
Concen: 0.34 ng/ul
RT: 12.313 min Scan# 2658
Delta R.T. -0.000 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

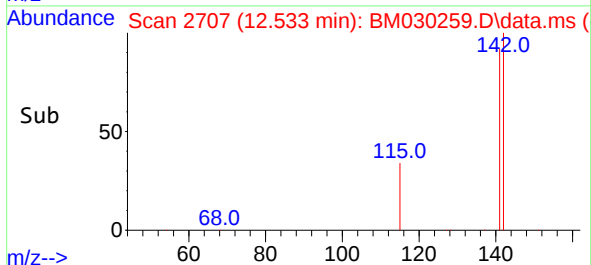
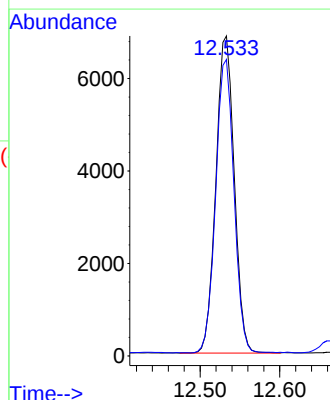
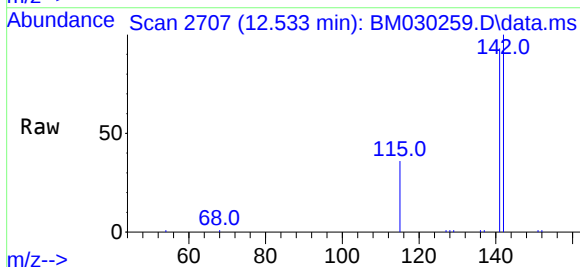
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

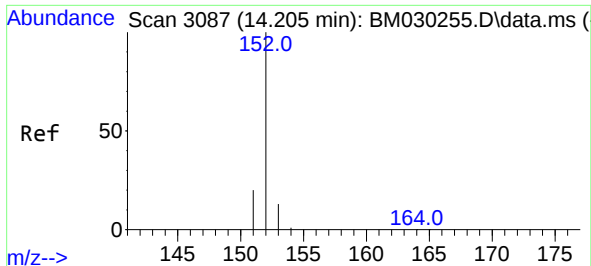
Tgt Ion:142 Resp: 11860
Ion Ratio Lower Upper
142 100
141 88.7 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.33 ng/ul
RT: 12.533 min Scan# 2707
Delta R.T. -0.000 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

Tgt Ion:142 Resp: 10971
Ion Ratio Lower Upper
142 100
141 92.4 73.3 109.9

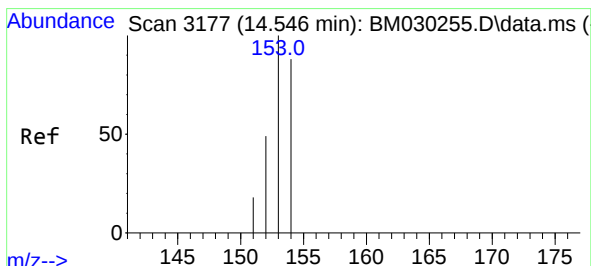
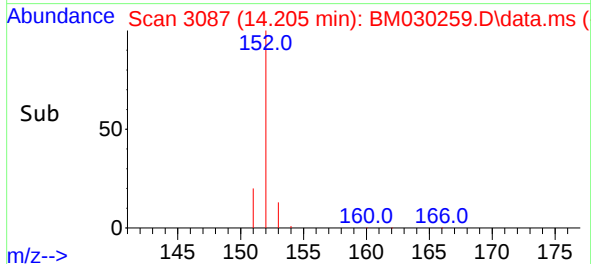
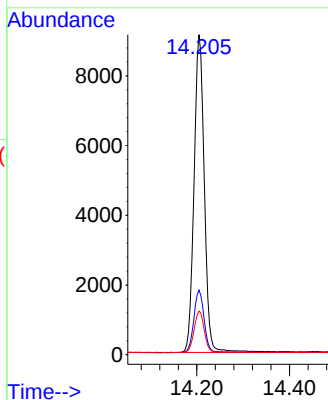
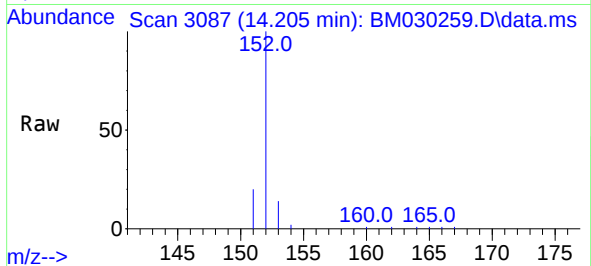




#10
Acenaphthylene
Concen: 0.32 ng/ul
RT: 14.205 min Scan# 3087
Delta R.T. -0.004 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

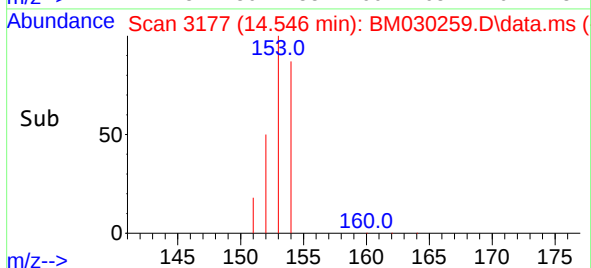
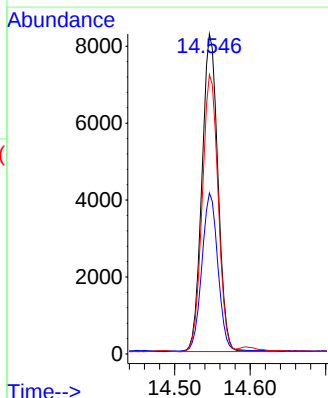
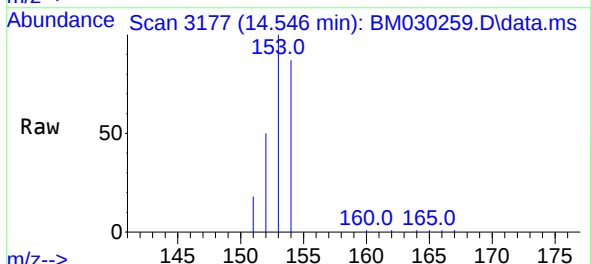
Instrument :
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ClientSampleId :
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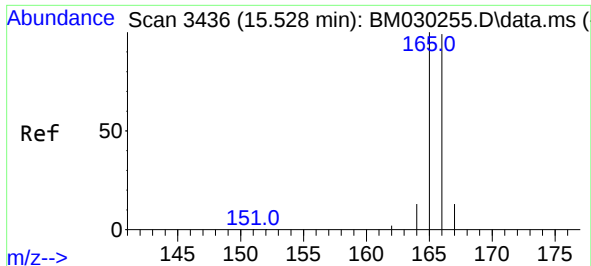
Tgt Ion:	152	Resp:	14058
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.2
153	13.6	10.9	16.3



#11
Acenaphthene
Concen: 0.32 ng/ul
RT: 14.546 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BM030259.D
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Tgt Ion:	153	Resp:	12065
Ion Ratio	Lower	Upper	
153	100		
152	50.3	39.8	59.8
154	87.3	70.9	106.3

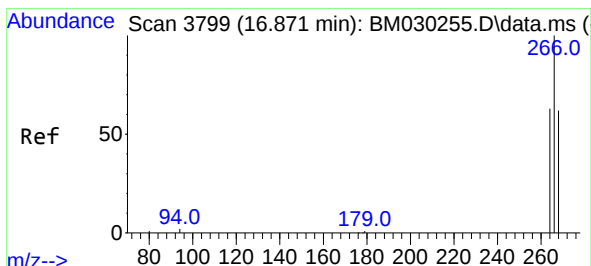
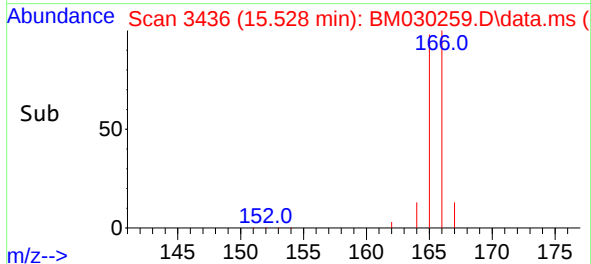
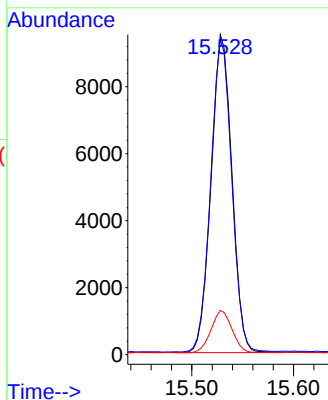
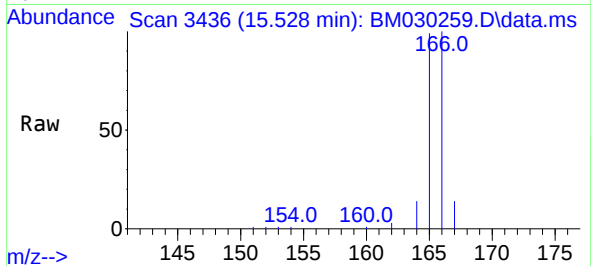




#12
Fluorene
Concen: 0.31 ng/ul
RT: 15.528 min Scan# 3436
Delta R.T. -0.004 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

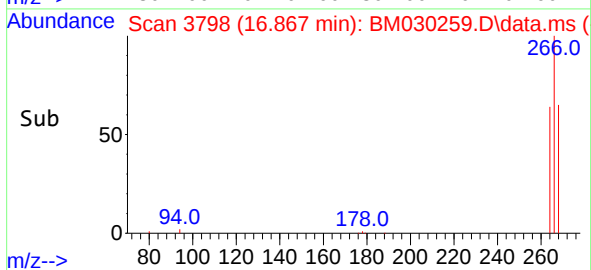
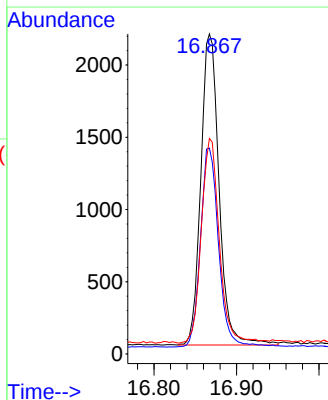
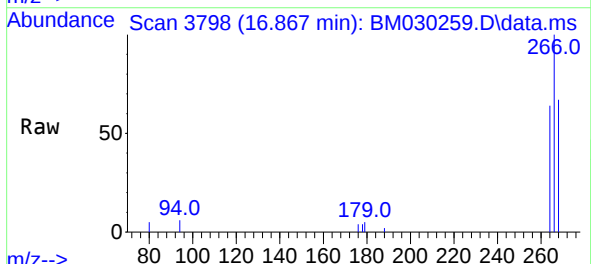
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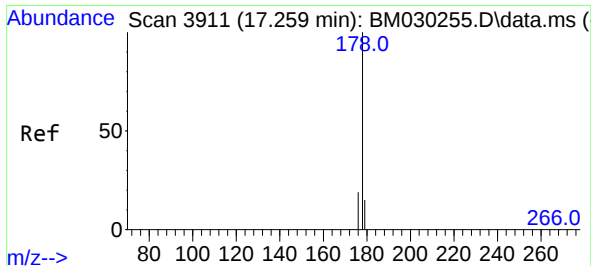
Tgt Ion:	166	Resp:	13481
Ion Ratio	Lower	Upper	
166	100		
165	98.6	78.2	117.2
167	13.8	10.9	16.3



#14
Pentachlorophenol
Concen: 0.59 ng/ul
RT: 16.867 min Scan# 3798
Delta R.T. -0.004 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

Tgt Ion:	266	Resp:	3302
Ion Ratio	Lower	Upper	
266	100		
264	63.9	50.6	75.8
268	64.8	50.0	75.0

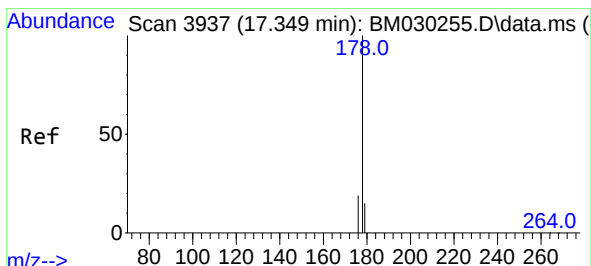
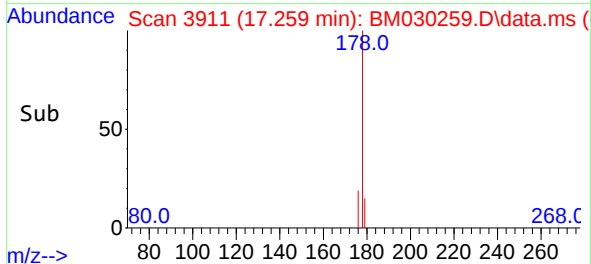
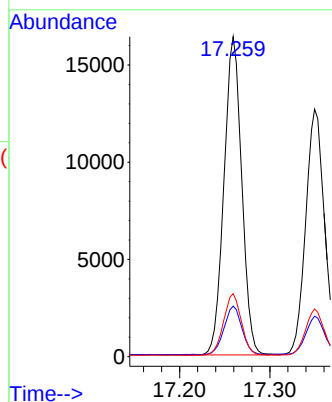
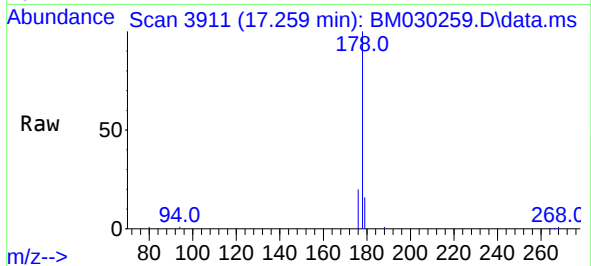




#15
Phenanthrene
Concen: 0.35 ng/ul
RT: 17.259 min Scan# 3911
Delta R.T. -0.003 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

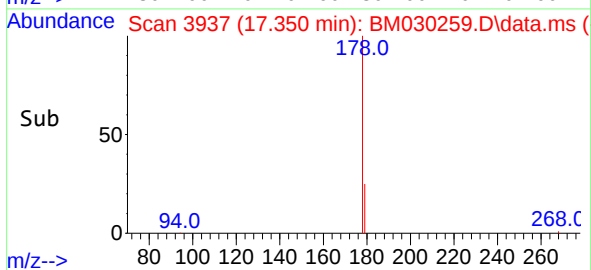
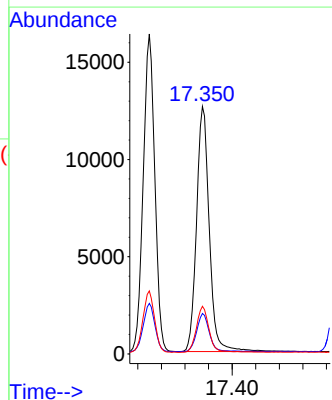
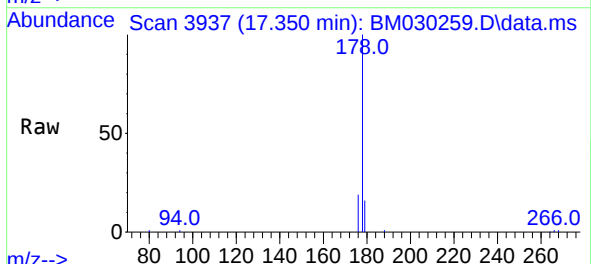
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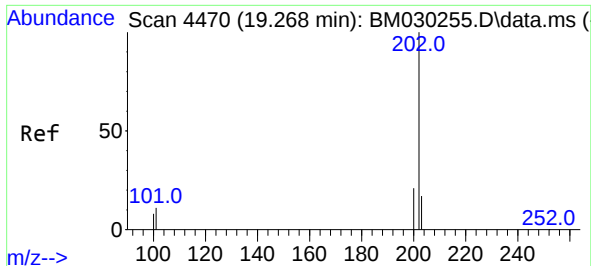
Tgt Ion:178	Resp:	22350
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.5 18.7
176	19.7	15.6 23.4



#16
Anthracene
Concen: 0.34 ng/ul
RT: 17.350 min Scan# 3937
Delta R.T. -0.003 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

Tgt Ion:178	Resp:	18871
Ion Ratio	Lower	Upper
178	100	
179	16.4	13.1 19.7
176	19.3	15.7 23.5

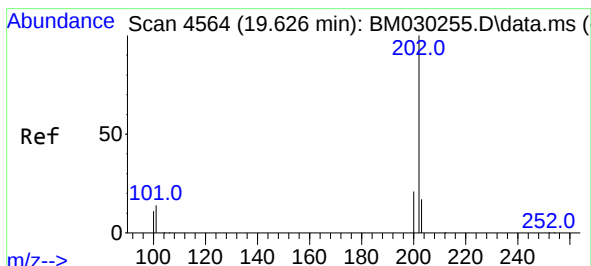
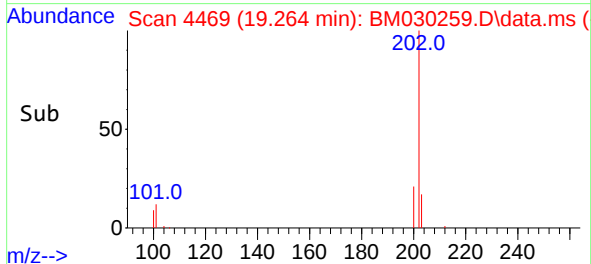
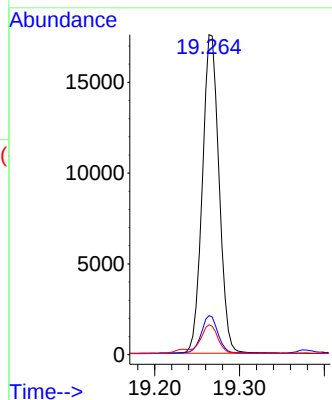
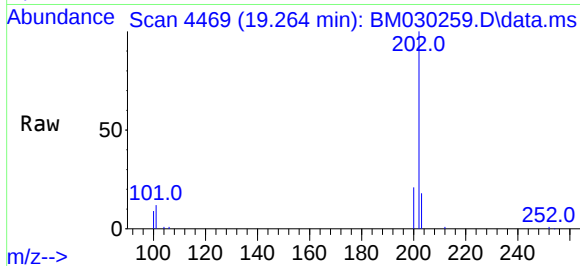




#19
Fluoranthene
Concen: 0.41 ng/ul
RT: 19.264 min Scan# 4469
Delta R.T. -0.004 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

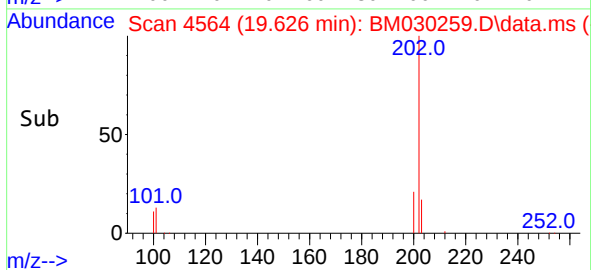
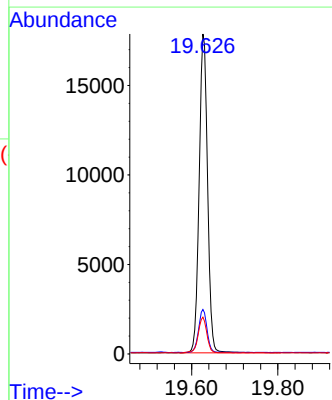
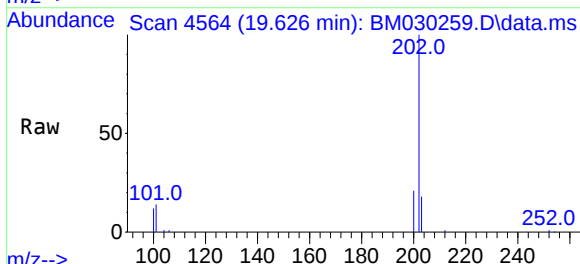
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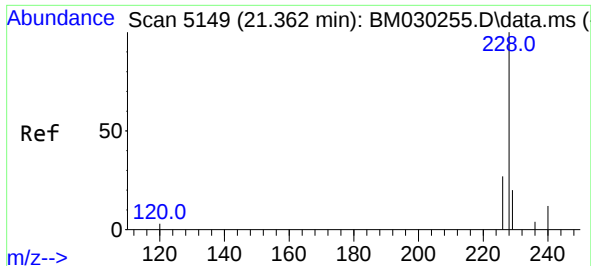
Tgt Ion:202 Resp: 23923
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.3 7.4 11.0



#20
Pyrene
Concen: 0.41 ng/ul
RT: 19.626 min Scan# 4564
Delta R.T. -0.004 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

Tgt Ion:202 Resp: 24077
Ion Ratio Lower Upper
202 100
101 13.9 10.6 16.0
100 11.5 8.9 13.3

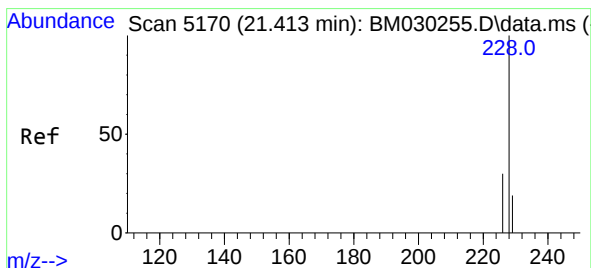
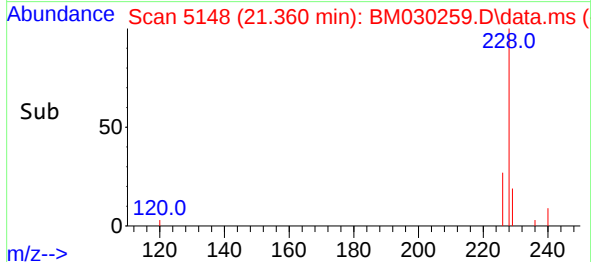
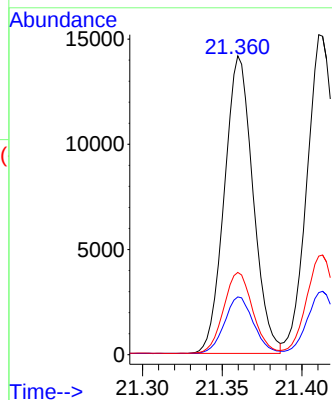
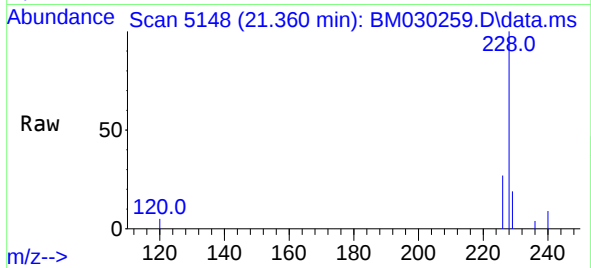




#21
Benzo(a)anthracene
Concen: 0.39 ng/ul
RT: 21.360 min Scan# 5148
Delta R.T. -0.005 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

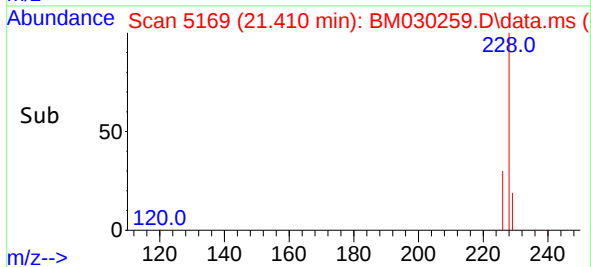
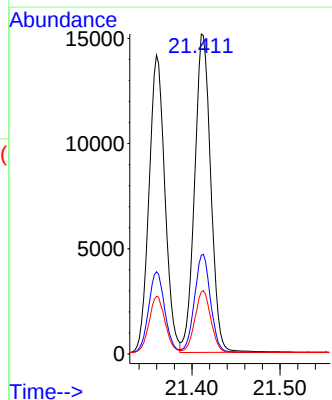
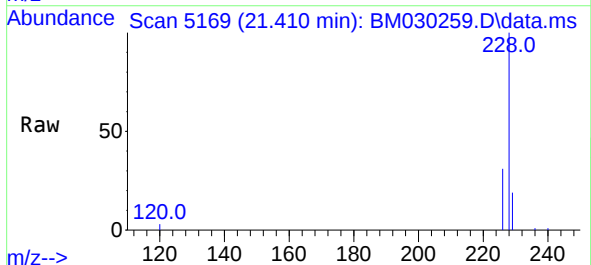
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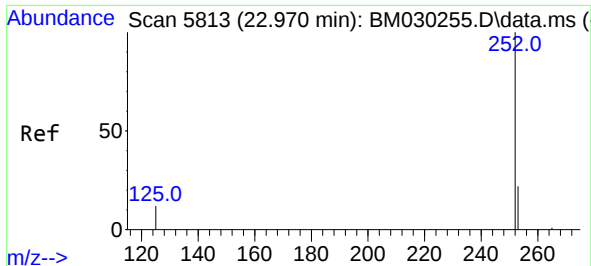
Tgt Ion:228	Resp:	17696
Ion Ratio	Lower	Upper
228	100	
229	19.3	15.9 23.9
226	27.5	22.3 33.5



#22
Chrysene
Concen: 0.39 ng/ul
RT: 21.410 min Scan# 5169
Delta R.T. -0.005 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

Tgt Ion:228	Resp:	19176
Ion Ratio	Lower	Upper
228	100	
226	30.8	24.7 37.1
229	19.4	15.7 23.5

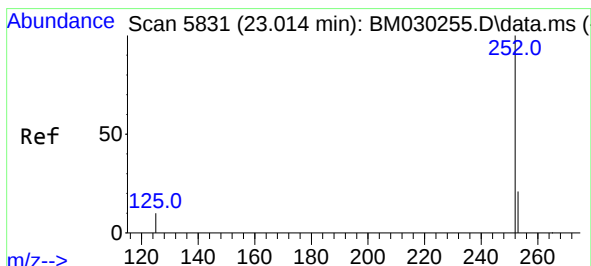
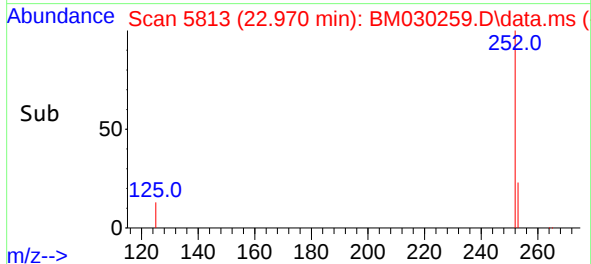
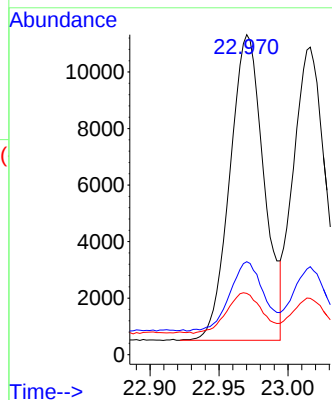
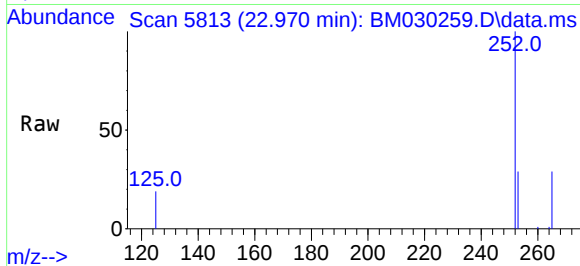




#24
Benzo(b)fluoranthene
Concen: 0.40 ng/ul
RT: 22.970 min Scan# 5813
Delta R.T. -0.002 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

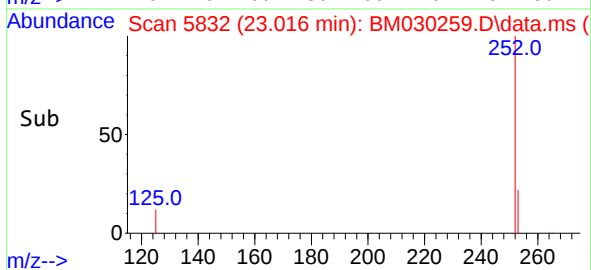
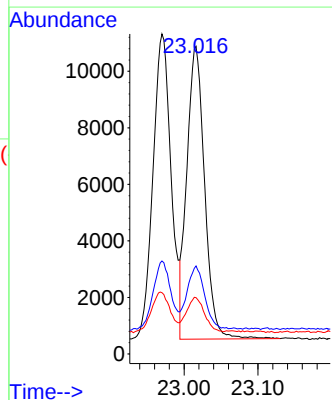
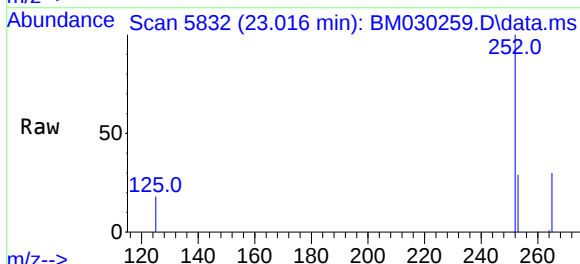
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

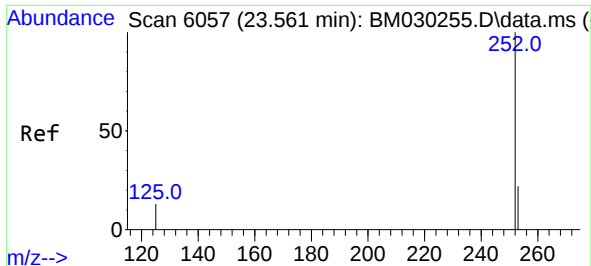
Tgt Ion:252 Resp: 18534
Ion Ratio Lower Upper
252 100
253 29.0 0.0 57.4
125 19.1 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.40 ng/ul
RT: 23.016 min Scan# 5832
Delta R.T. -0.002 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

Tgt Ion:252 Resp: 17288
Ion Ratio Lower Upper
252 100
253 28.6 23.0 34.6
125 18.3 14.8 22.2

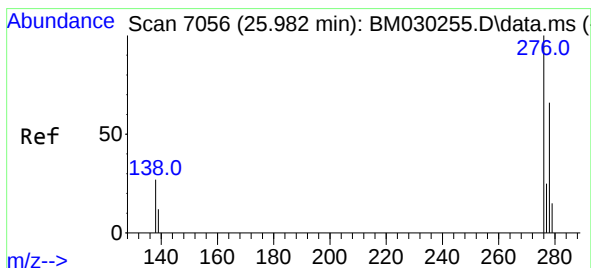
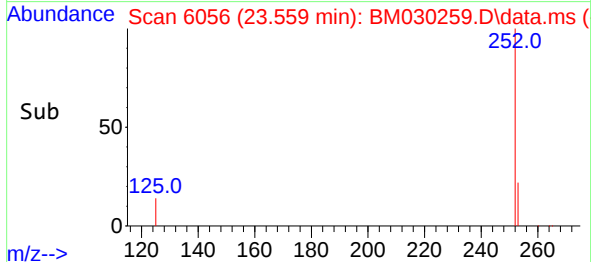
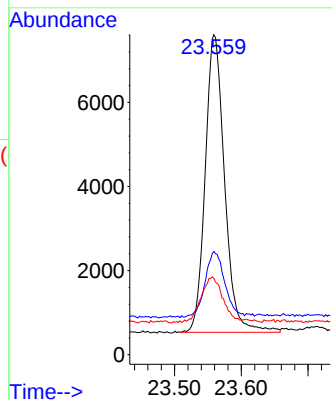
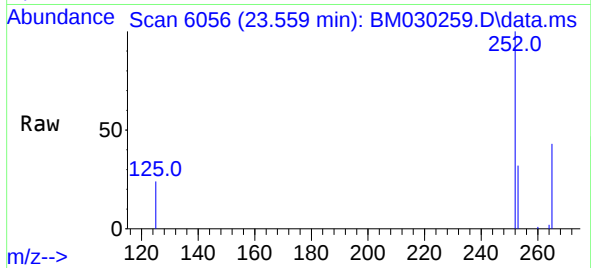




#26
Benzo(a)pyrene
Concen: 0.39 ng/u1
RT: 23.559 min Scan# 6056
Delta R.T. -0.005 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

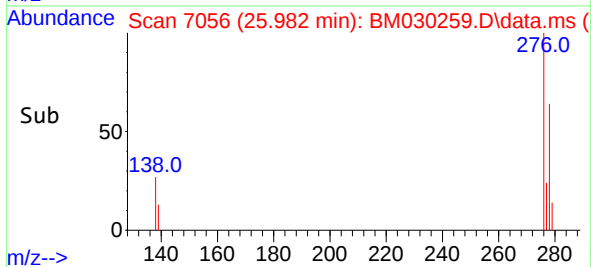
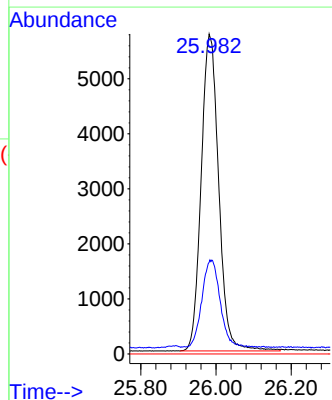
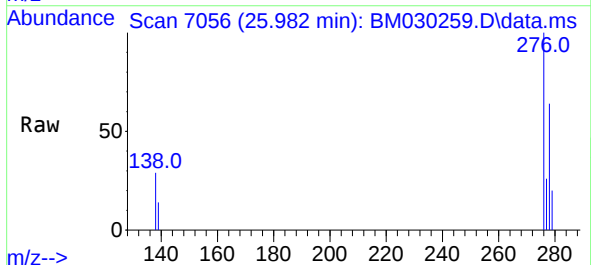
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

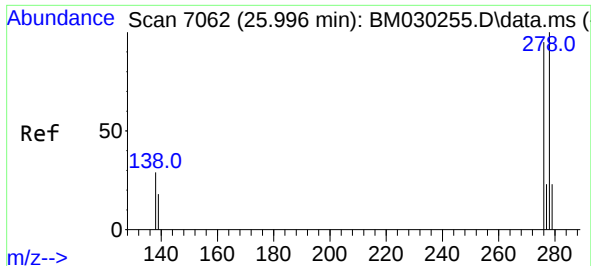
Tgt Ion:252	Resp:	14310
Ion Ratio	Lower	Upper
252	100	
253	32.2	25.3 37.9
125	23.9	17.6 26.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/u1
RT: 25.982 min Scan# 7056
Delta R.T. -0.002 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

Tgt Ion:276	Resp:	18589
Ion Ratio	Lower	Upper
276	100	
138	28.7	22.3 33.5
227	0.0	0.0 0.0

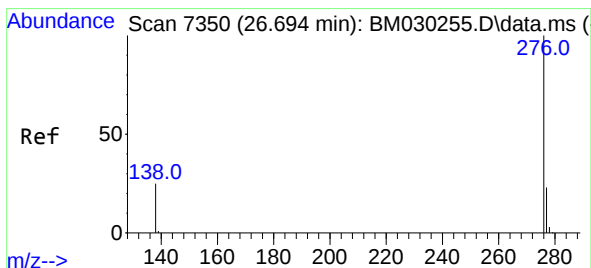
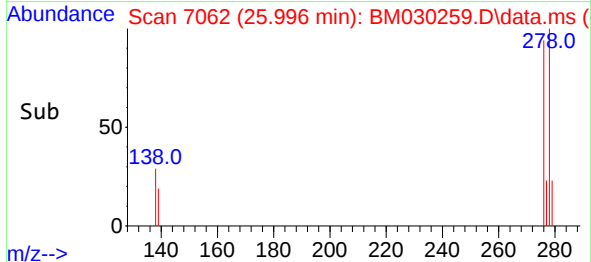
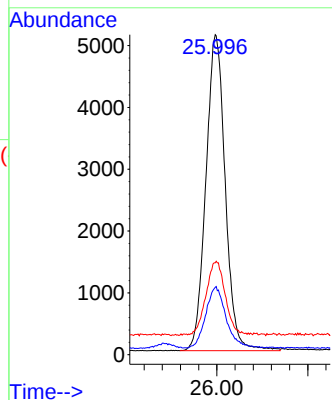
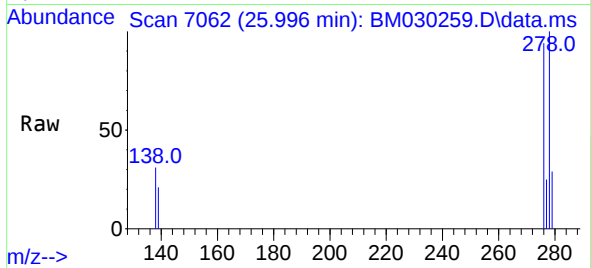




#28
Dibenzo(a,h)anthracene
Concen: 0.38 ng/ul
RT: 25.996 min Scan# 7062
Delta R.T. -0.005 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

Instrument :
BNA_M
ClientSampleId :
YARK5MSD

Tgt Ion:278 Resp: 15135
Ion Ratio Lower Upper
278 100
139 21.0 15.8 23.8
279 28.7 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.38 ng/ul
RT: 26.694 min Scan# 7350
Delta R.T. -0.005 min
Lab File: BM030259.D
Acq: 02 Jun 2021 14:56

Tgt Ion:276 Resp: 16290
Ion Ratio Lower Upper
276 100
138 26.0 21.5 32.3
277 24.8 19.5 29.3

