

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100120\
 Data File : BM027573.D
 Acq On : 01 Oct 2020 14:52
 Operator : JU/CG
 Sample : PB131994BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS994

Quant Time: Oct 01 15:23:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:40:17 2020
 Response via : Initial Calibration

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

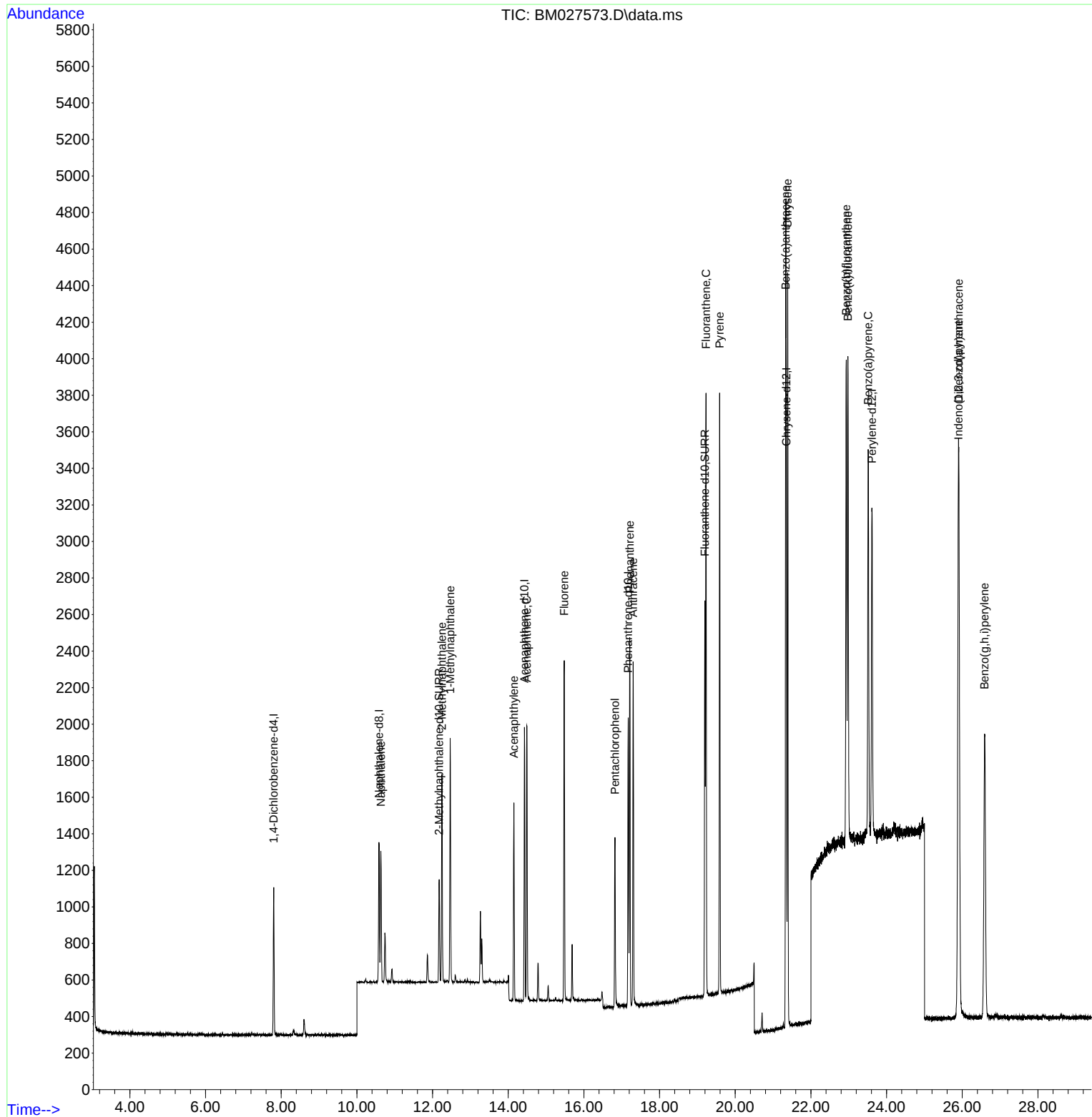
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	406	0.40	ng/ul	0.00
2) Naphthalene-d8	10.583	136	1043	0.40	ng/ul	0.00
7) Acenaphthene-d10	14.431	164	795	0.40	ng/ul	0.00
11) Phenanthrene-d10	17.171	188	2113	0.40	ng/ul	0.00
17) Chrysene-d12	21.352	240	2322	0.40	ng/ul	0.00
21) Perylene-d12	23.612	264	2389	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.175	152	744	0.35	ng/ul	0.00
15) Fluoranthene-d10	19.198	212	2678	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.633	128	987	0.34	ng/ul#	94
5) 2-Methylnaphthalene	12.247	142	739	0.33	ng/ul	99
6) 1-Methylnaphthalene	12.468	142	849	0.33	ng/ul	99
8) Acenaphthylene	14.150	152	1131	0.32	ng/ul	98
9) Acenaphthene	14.495	153	874	0.33	ng/ul	99
10) Fluorene	15.481	166	1150	0.33	ng/ul	95
12) Pentachlorophenol	16.824	266	623	0.75	ng/ul	100
13) Phenanthrene	17.213	178	2083	0.33	ng/ul	97
14) Anthracene	17.303	178	1974	0.33	ng/ul	99
16) Fluoranthene	19.228	202	3050	0.34	ng/ul	99
18) Pyrene	19.590	202	3024	0.34	ng/ul	99
19) Benzo(a)anthracene	21.335	228	3270	0.36	ng/ul	99
20) Chrysene	21.386	228	3399	0.36	ng/ul	98
22) Benzo(b)fluoranthene	22.936	252	3621	0.37	ng/ul	97
23) Benzo(k)fluoranthene	22.980	252	3594	0.37	ng/ul#	95
24) Benzo(a)pyrene	23.515	252	3153	0.36	ng/ul	99
25) Indeno(1,2,3-cd)pyrene	25.897	276	4279	0.37	ng/ul#	98
26) Dibenzo(a,h)anthracene	25.909	278	3587	0.37	ng/ul	98
27) Benzo(g,h,i)perylene	26.590	276	3637	0.36	ng/ul	99

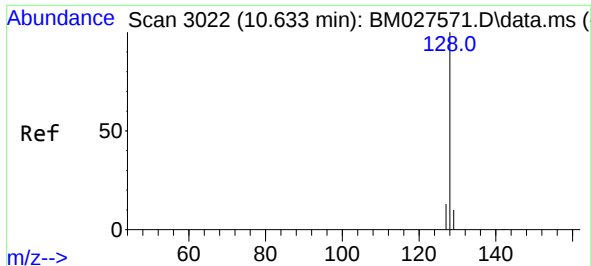
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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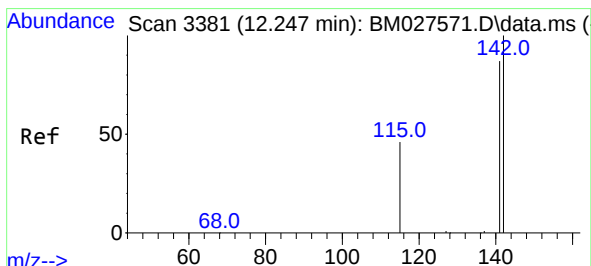
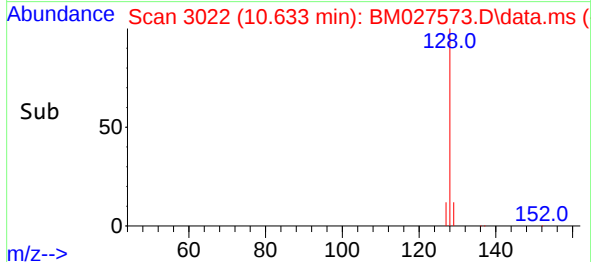
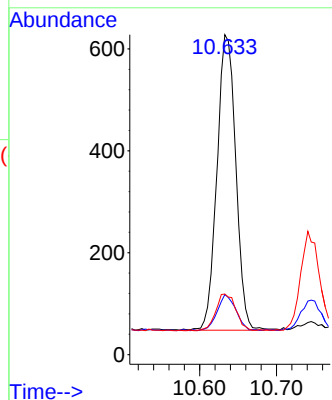
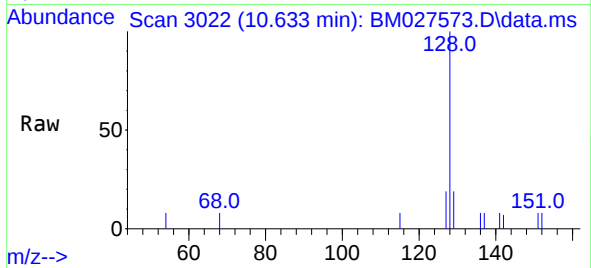




#3
Naphthalene
Concen: 0.34 ng/ul
RT: 10.633 min Scan# 3022
Delta R.T. -0.000 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

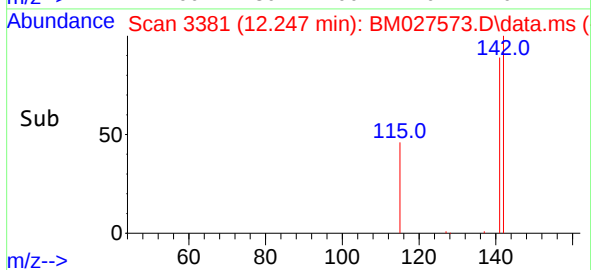
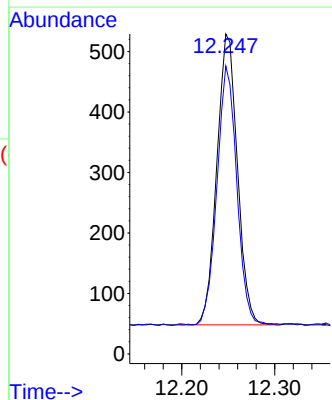
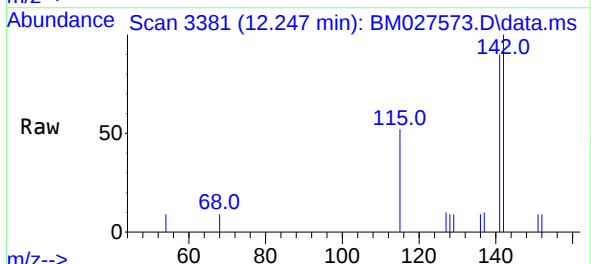
Instrument :
BNA_M
ClientSampled :
SLCS994

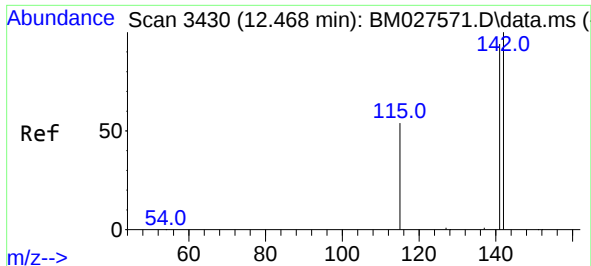
Tgt Ion:	128	Resp:	987
Ion	Ratio	Lower	Upper
128	100		
129	18.8	12.1	18.1#
127	18.9	14.2	21.2



#5
2-Methylnaphthalene
Concen: 0.33 ng/ul
RT: 12.247 min Scan# 3381
Delta R.T. -0.000 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

Tgt Ion:	142	Resp:	739
Ion	Ratio	Lower	Upper
142	100		
141	85.8	69.0	103.6

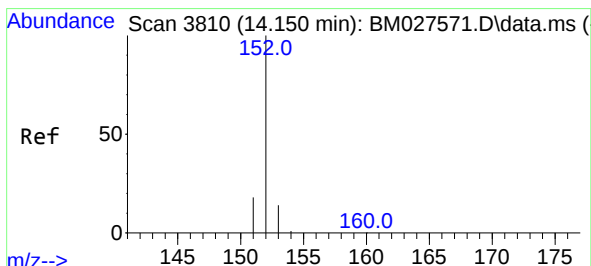
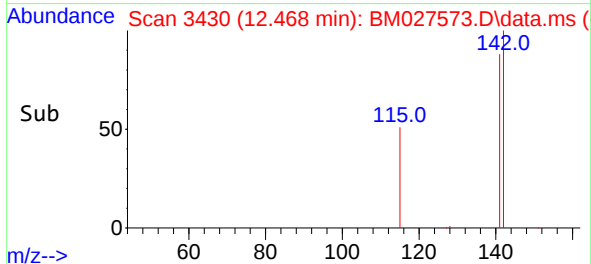
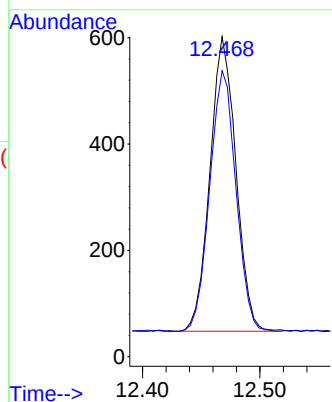
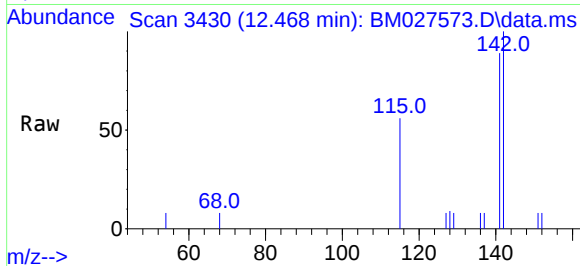




#6
1-Methylnaphthalene
Concen: 0.33 ng/ul
RT: 12.468 min Scan# 3430
Delta R.T. -0.000 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

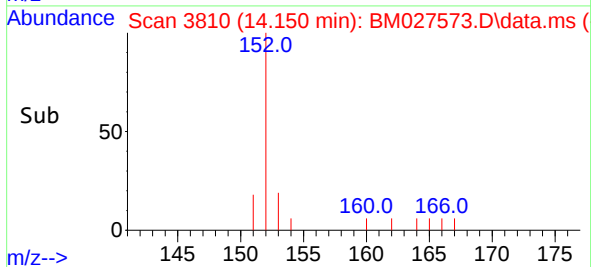
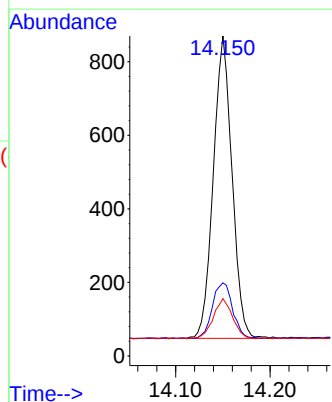
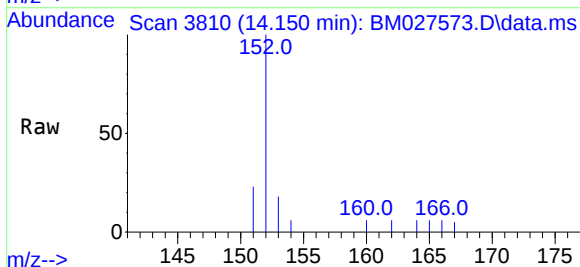
Instrument :
BNA_M
ClientSampled :
SLCS994

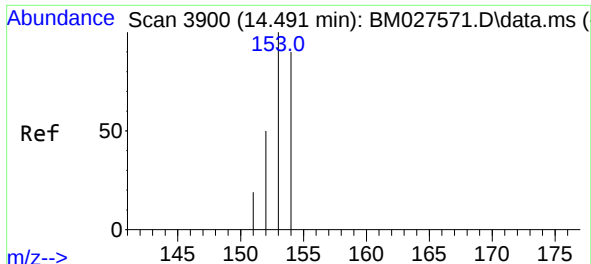
Tgt Ion:142 Resp: 849
Ion Ratio Lower Upper
142 100
141 90.2 73.1 109.7



#8
Acenaphthylene
Concen: 0.32 ng/ul
RT: 14.150 min Scan# 3810
Delta R.T. -0.000 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

Tgt Ion:152 Resp: 1131
Ion Ratio Lower Upper
152 100
151 22.9 18.7 28.1
153 17.9 12.9 19.3



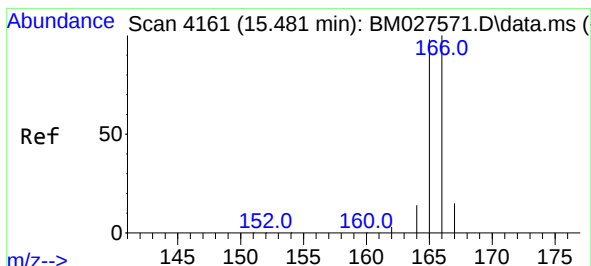
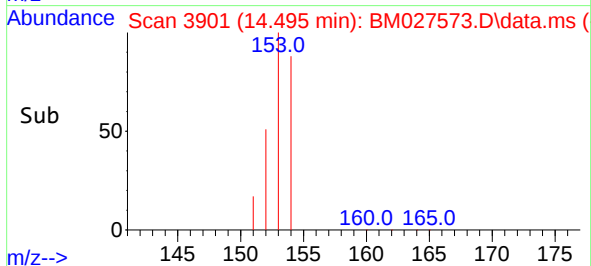
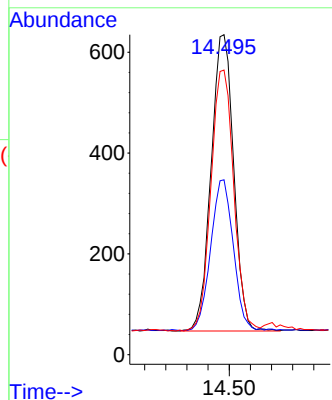
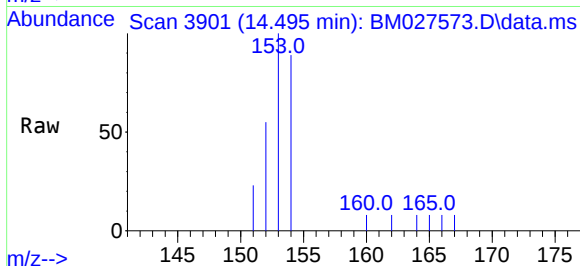


#9
Acenaphthene
Concen: 0.33 ng/ul
RT: 14.495 min Scan# 3901
Delta R.T. 0.004 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

Instrument :
BNA_M
ClientSampleId :
SLCS994

Tgt Ion:153 Resp: 874

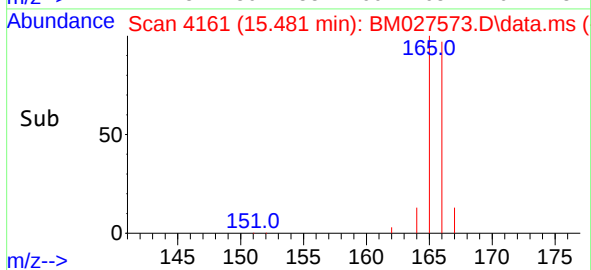
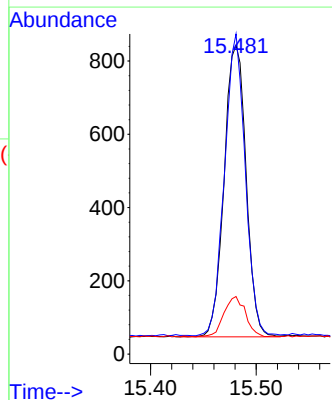
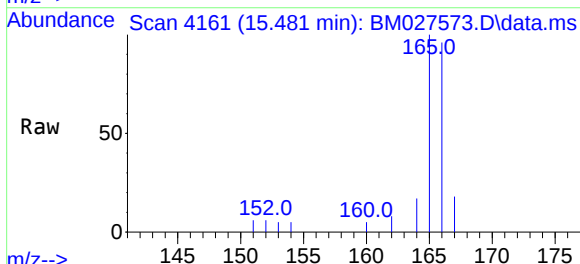
Ion	Ratio	Lower	Upper
153	100		
152	54.6	42.5	63.7
154	89.0	71.4	107.0

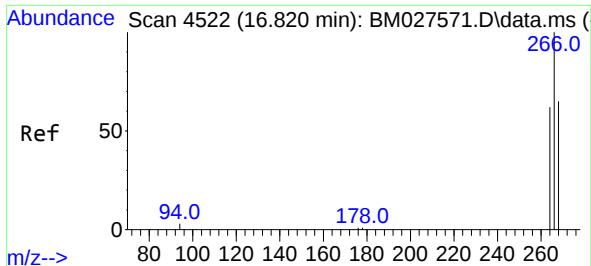


#10
Fluorene
Concen: 0.33 ng/ul
RT: 15.481 min Scan# 4161
Delta R.T. -0.000 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

Tgt Ion:166 Resp: 1150

Ion	Ratio	Lower	Upper
166	100		
165	103.7	79.2	118.8
167	18.6	12.9	19.3

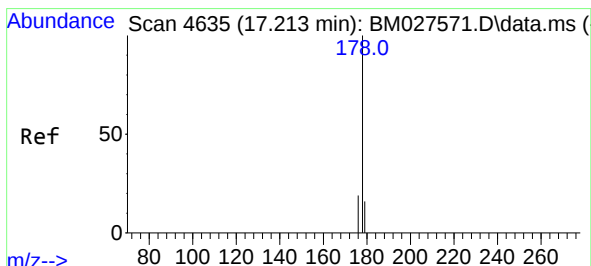
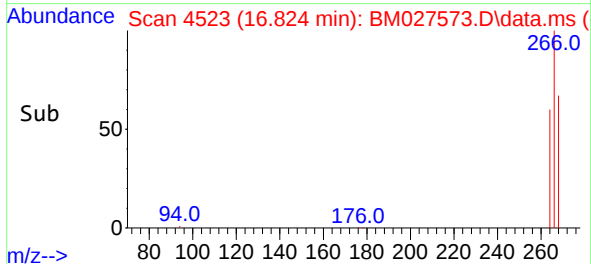
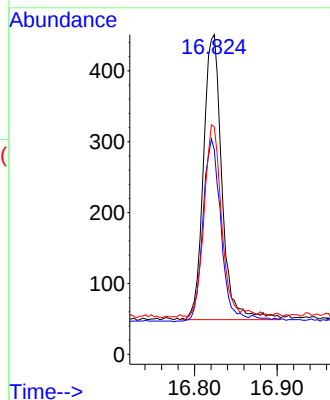
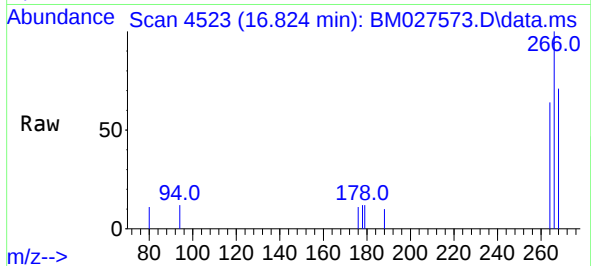




#12
 Pentachlorophenol
 Concen: 0.75 ng/ul
 RT: 16.824 min Scan# 4523
 Delta R.T. 0.003 min
 Lab File: BM027573.D
 Acq: 01 Oct 2020 14:52

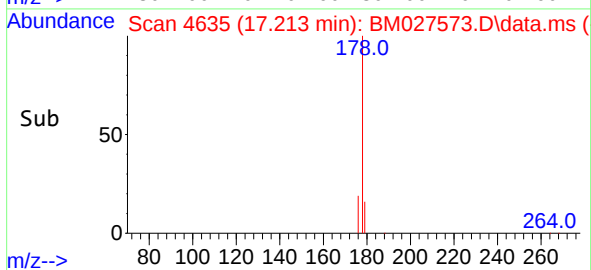
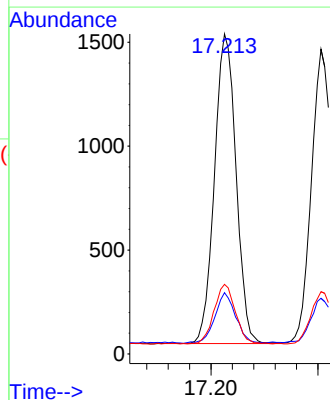
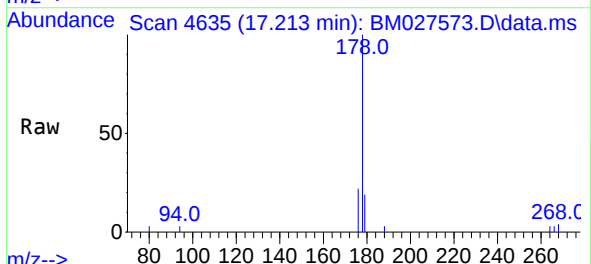
Instrument :
 BNA_M
 ClientSampleId :
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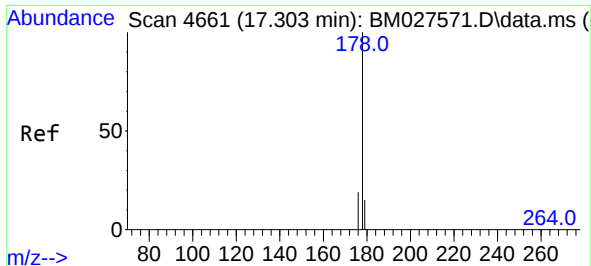
Tgt Ion:266	Resp:	623	
Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.8	74.8
268	64.2	50.9	76.3



#13
 Phenanthrene
 Concen: 0.33 ng/ul
 RT: 17.213 min Scan# 4635
 Delta R.T. -0.000 min
 Lab File: BM027573.D
 Acq: 01 Oct 2020 14:52

Tgt Ion:178	Resp:	2083	
Ion	Ratio	Lower	Upper
178	100		
179	19.2	14.0	21.0
176	21.8	16.2	24.4

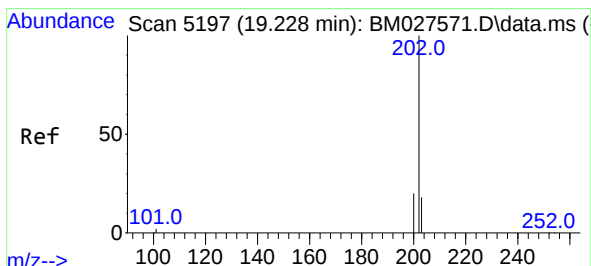
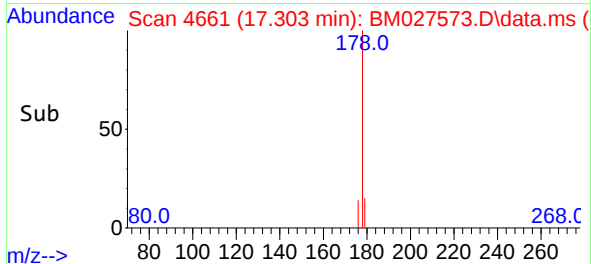
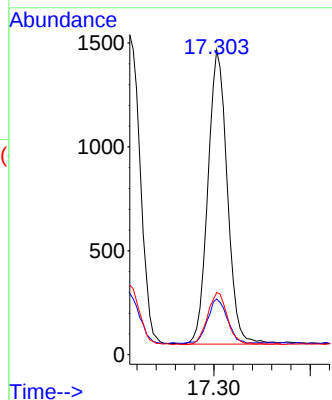
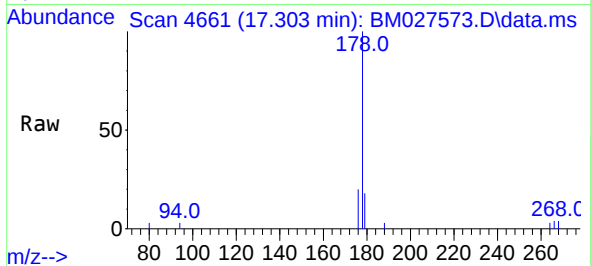




#14
 Anthracene
 Concen: 0.33 ng/ul
 RT: 17.303 min Scan# 4661
 Delta R.T. -0.000 min
 Lab File: BM027573.D
 Acq: 01 Oct 2020 14:52

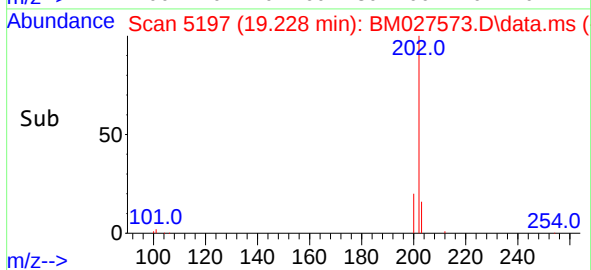
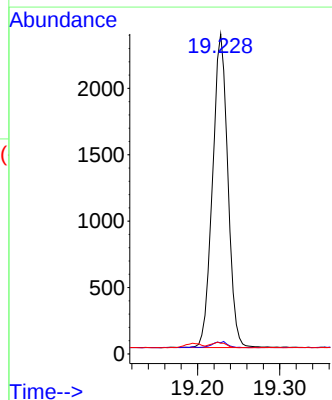
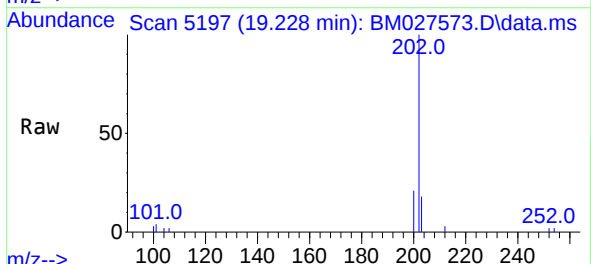
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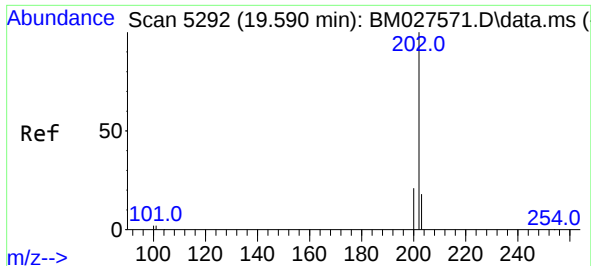
Tgt Ion:178	Resp:	1974
Ion Ratio	Lower	Upper
178	100	
179	18.3	14.2 21.2
176	20.4	16.2 24.2



#16
 Fluoranthene
 Concen: 0.34 ng/ul
 RT: 19.228 min Scan# 5197
 Delta R.T. -0.000 min
 Lab File: BM027573.D
 Acq: 01 Oct 2020 14:52

Tgt Ion:202	Resp:	3050
Ion Ratio	Lower	Upper
202	100	
101	3.5	0.0 23.7
100	3.4	0.0 22.9

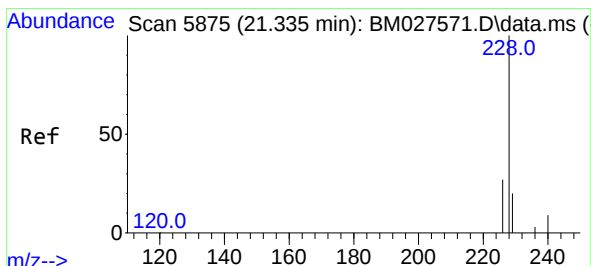
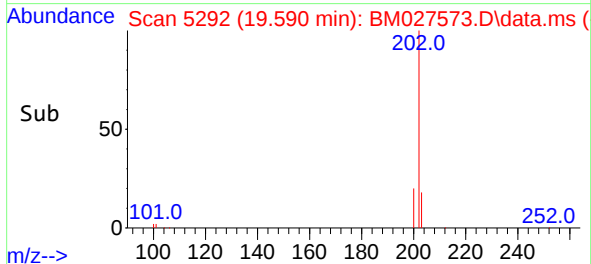
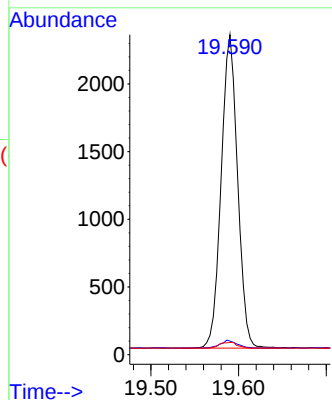
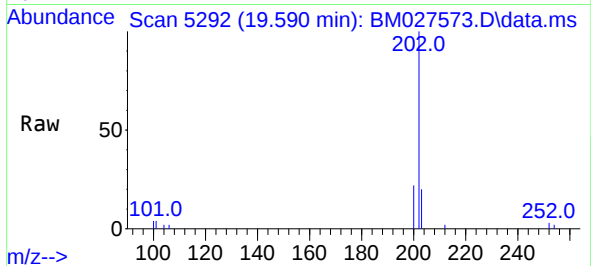




#18
Pyrene
Concen: 0.34 ng/ul
RT: 19.590 min Scan# 5292
Delta R.T. -0.000 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

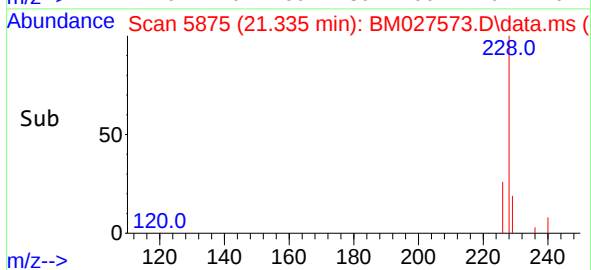
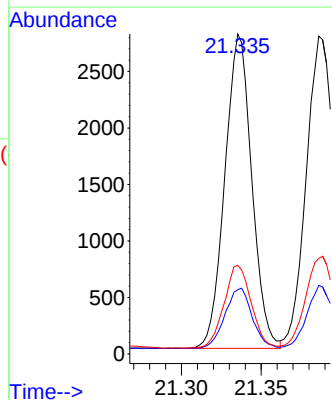
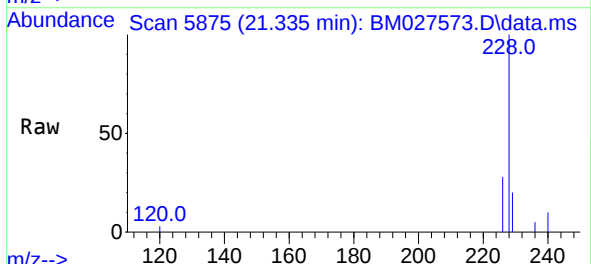
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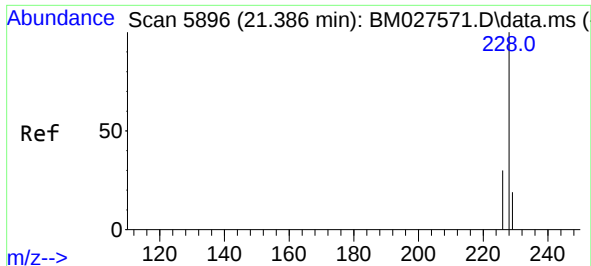
Tgt Ion:202	Resp:	3024
Ion Ratio	Lower	Upper
202	100	
101	4.2	3.2 4.8
100	3.8	2.6 4.0



#19
Benzo(a)anthracene
Concen: 0.36 ng/ul
RT: 21.335 min Scan# 5875
Delta R.T. -0.000 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

Tgt Ion:228	Resp:	3270
Ion Ratio	Lower	Upper
228	100	
229	20.1	16.9 25.3
226	27.7	22.4 33.6

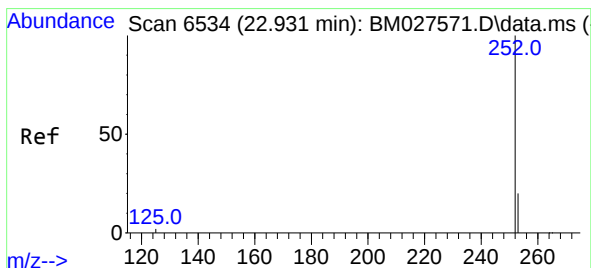
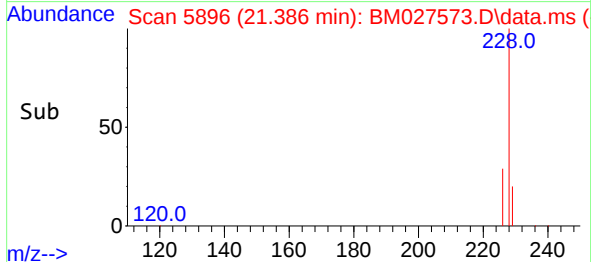
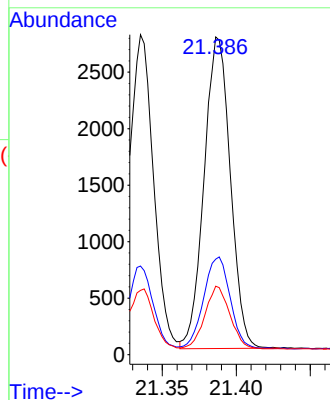
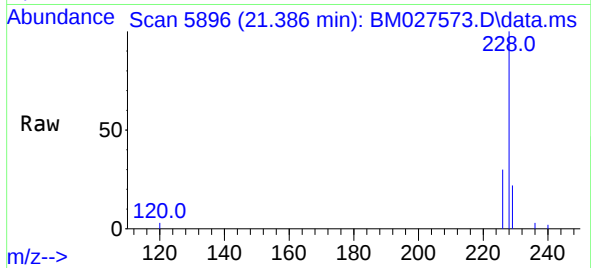




#20
Chrysene
Concen: 0.36 ng/ul
RT: 21.386 min Scan# 5896
Delta R.T. -0.000 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

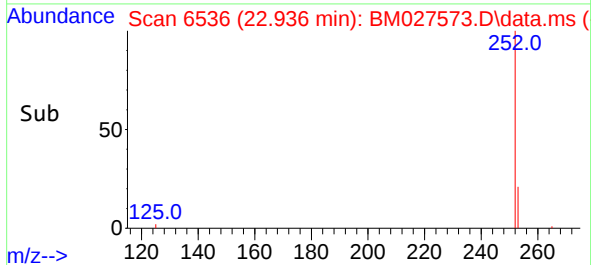
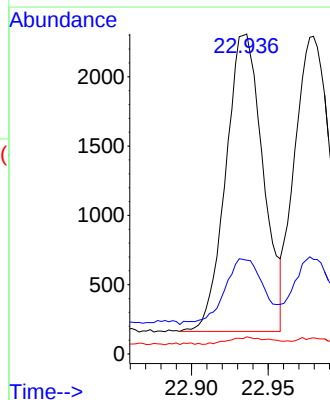
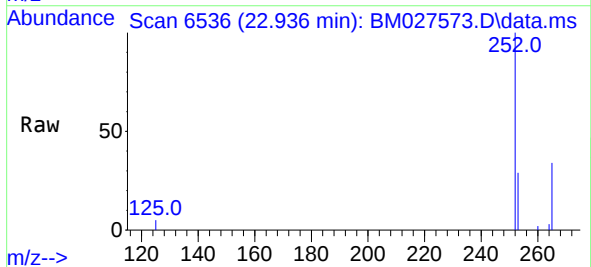
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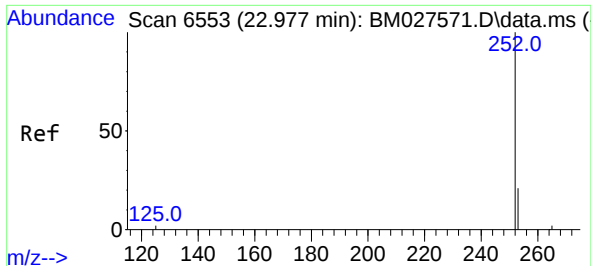
Tgt Ion:	228	Resp:	3399
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	21.6	16.2	24.2



#22
Benzo(b)fluoranthene
Concen: 0.37 ng/ul
RT: 22.936 min Scan# 6536
Delta R.T. 0.005 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

Tgt Ion:	252	Resp:	3621
Ion	Ratio	Lower	Upper
252	100		
253	29.3	0.0	55.8
125	5.4	0.0	9.0

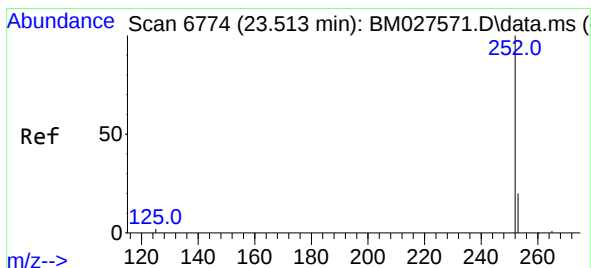
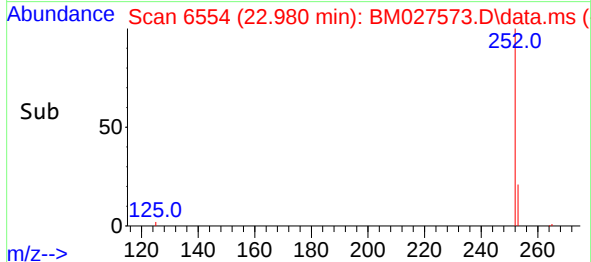
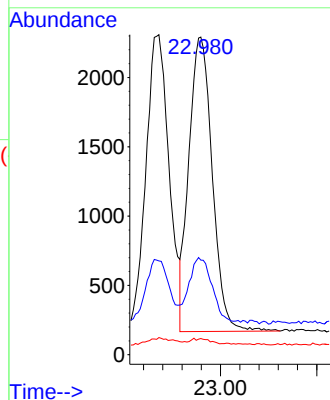
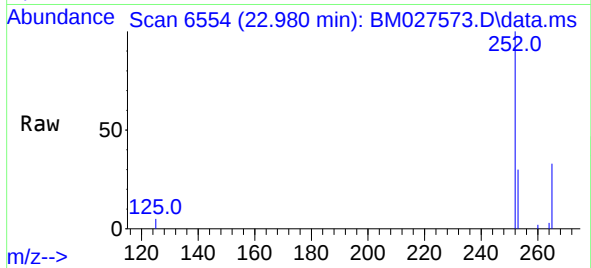




#23
Benzo(k)fluoranthene
Concen: 0.37 ng/ul
RT: 22.980 min Scan# 6554
Delta R.T. 0.002 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

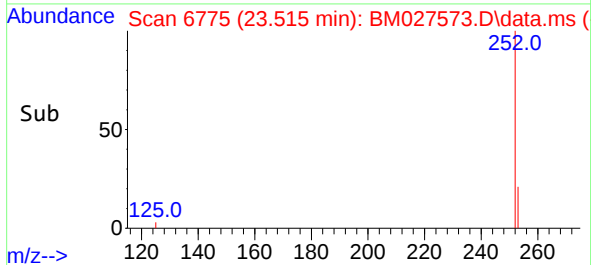
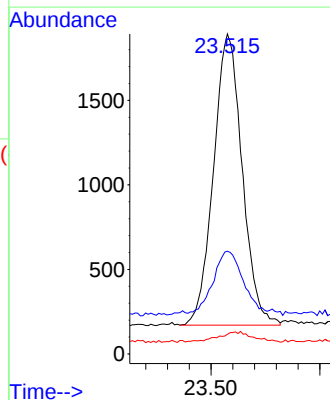
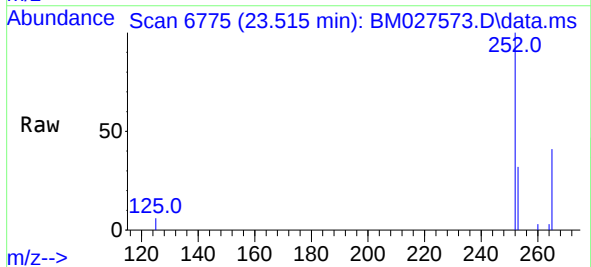
Instrument :
BNA_M
ClientSampleId :
SLCS994

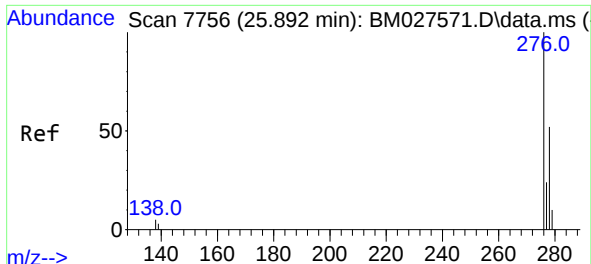
Tgt Ion:252 Resp: 3594
Ion Ratio Lower Upper
252 100
253 29.8 21.7 32.5
125 5.1 3.2 4.8#



#24
Benzo(a)pyrene
Concen: 0.36 ng/ul
RT: 23.515 min Scan# 6775
Delta R.T. 0.002 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

Tgt Ion:252 Resp: 3153
Ion Ratio Lower Upper
252 100
253 32.1 25.1 37.7
125 6.1 4.3 6.5



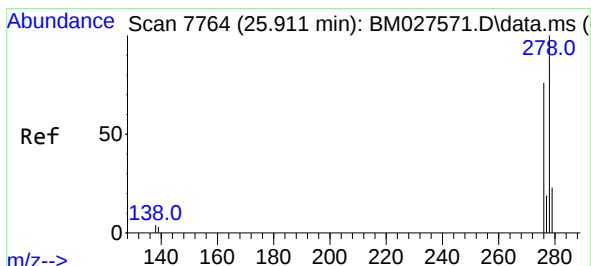
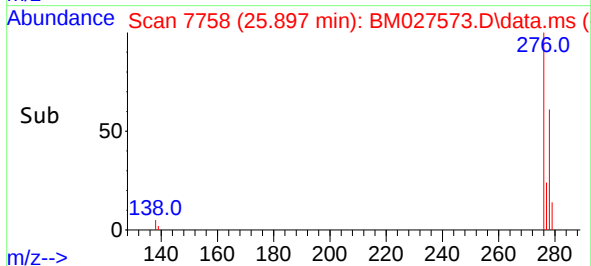
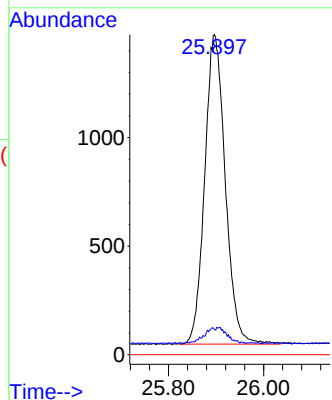
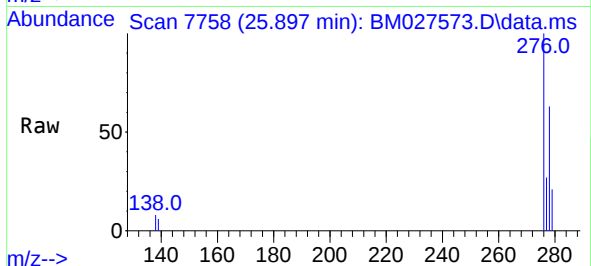


#25
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng/ul
RT: 25.897 min Scan# 7758
Delta R.T. 0.005 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

Instrument :
BNA_M
ClientSampleId :
SLCS994

Tgt Ion:276 Resp: 4279

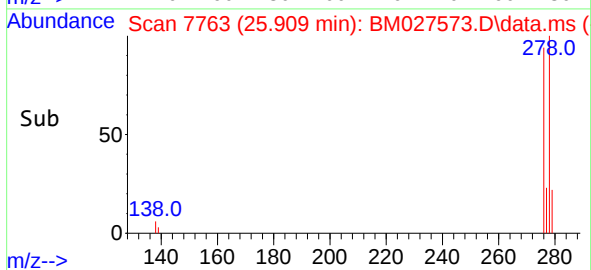
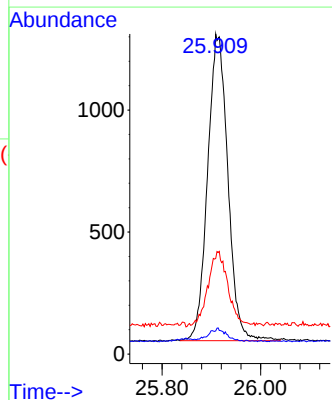
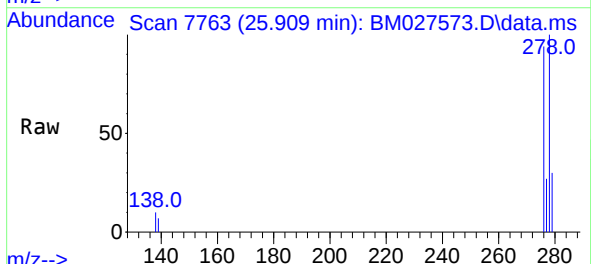
Ion	Ratio	Lower	Upper
276	100		
138	5.2	4.6	7.0
227	0.0	0.0	0.0

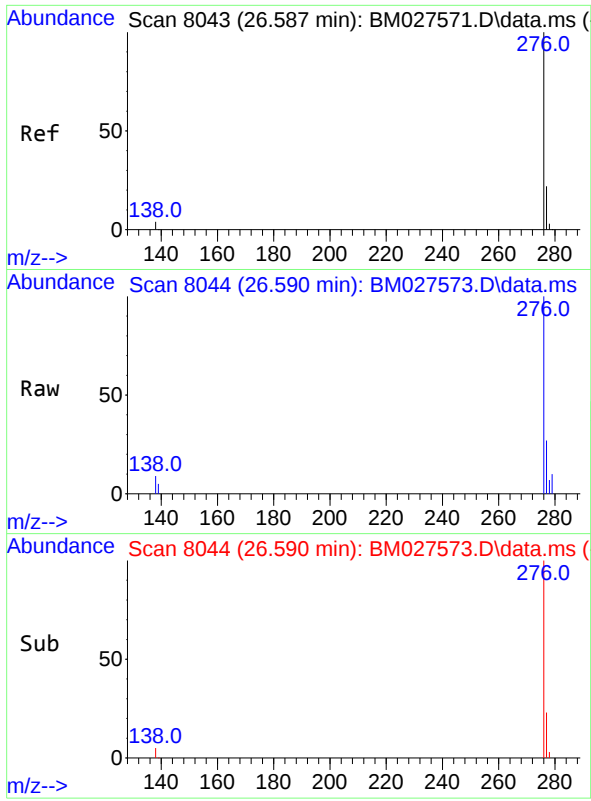


#26
Dibenzo(a,h)anthracene
Concen: 0.37 ng/ul
RT: 25.909 min Scan# 7763
Delta R.T. -0.002 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

Tgt Ion:278 Resp: 3587

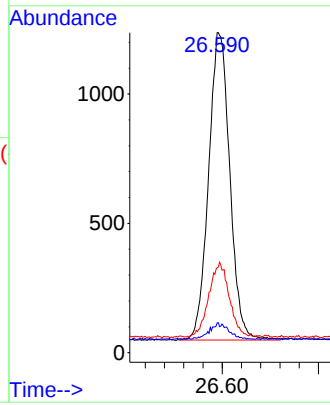
Ion	Ratio	Lower	Upper
278	100		
139	7.2	5.6	8.4
279	29.9	25.0	37.4





#27
Benzo(g,h,i)perylene
Concen: 0.36 ng/ul
RT: 26.590 min Scan# 8044
Delta R.T. 0.002 min
Lab File: BM027573.D
Acq: 01 Oct 2020 14:52

Tgt Ion:	276	Resp:	3637
Ion	Ratio	Lower	Upper
276	100		
138	9.3	6.4	9.6
277	26.6	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
SLCS994