

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027894.D
 Acq On : 21 Nov 2020 22:57
 Operator : JU/CG
 Sample : L4711-19
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B03

Manual Integrations
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 11/24/2020 8:59:14 AM

Quant Time: Nov 23 05:00:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 04:04:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1155	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4689	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2949	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5360m	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2904	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2584	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2484	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	4023	0.28	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	669	0.048	ng/ul#	79
5) 2-Methylnaphthalene	12.80	142	377	0.039	ng/ul	99
7) Acenaphthylene	14.68	152	688	0.048	ng/ul#	76
8) Acenaphthene	15.01	153	539	0.050	ng/ul	95
9) Fluorene	15.98	166	744	0.059	ng/ul#	97
11) Pentachlorophenol	17.31	266	39	0.021	ng/ul	88
12) Phenanthrene	17.70	178	21141	1.249	ng/ul	98
13) Anthracene	17.79	178	4112	0.252	ng/ul	97
15) Fluoranthene	19.68	202	72838	3.880	ng/ul	99
17) Pyrene	20.04	202	59179	4.013	ng/ul	98
18) Benzo(a)anthracene	21.75	228	28520	2.434	ng/ul	99
19) Chrysene	21.80	228	33553	2.940	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	40513m	3.731	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	14536m	1.367	ng/ul	
23) Benzo(a)pyrene	24.08	252	26339	2.774	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.68	276	18984	1.847	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.69	278	4757	0.556	ng/ul#	87
26) Benzo(g,h,i)perylene	27.46	276	18433	2.137	ng/ul	95

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

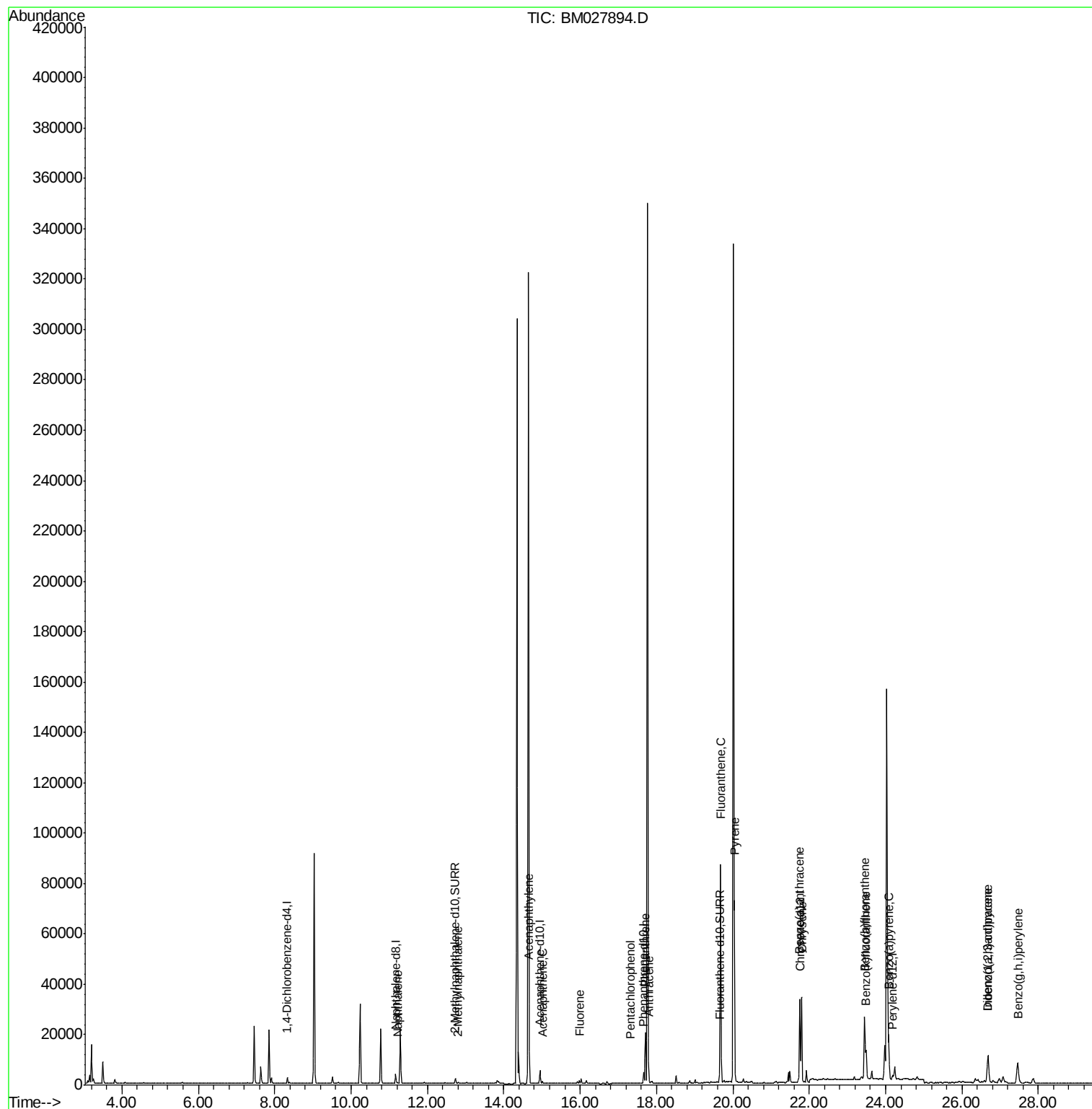
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
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ALS Vial : 48 Sample Multiplier: 1

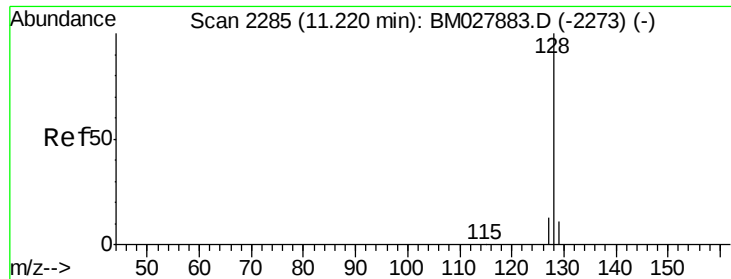
Instrument :
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Quant Time: Nov 23 05:00:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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QLast Update : Mon Nov 23 04:04:52 2020
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#3

Naphthalene

Concen: 0.048 ng/ul

RT: 11.22 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Instrument :

BNA_M

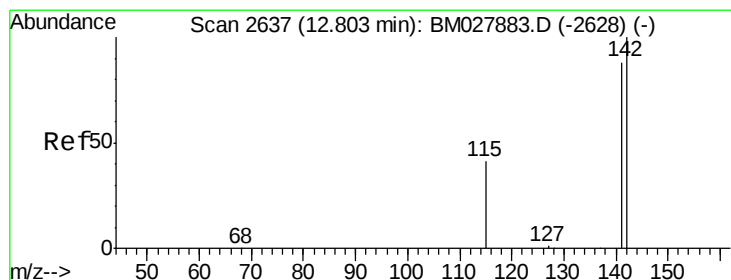
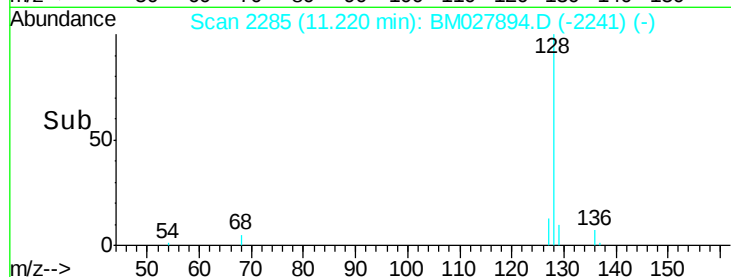
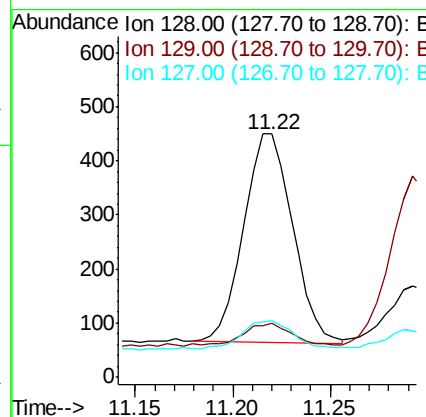
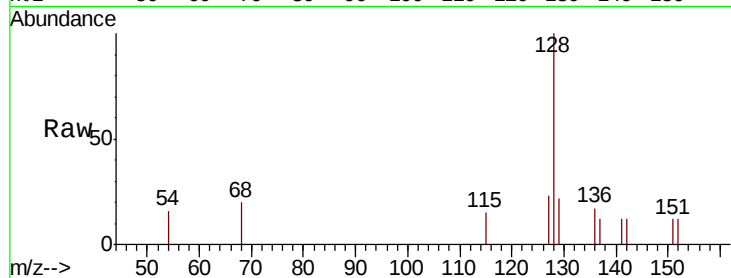
ClientSampleId :

C0B03

Tot Ion:	128	Resp:	669
Ion	Ratio	Lower	Upper
128	100		
129	22.0	10.4	15.6#
127	23.1	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.039 ng/ul

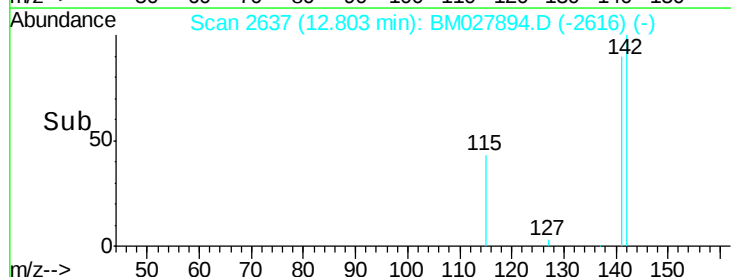
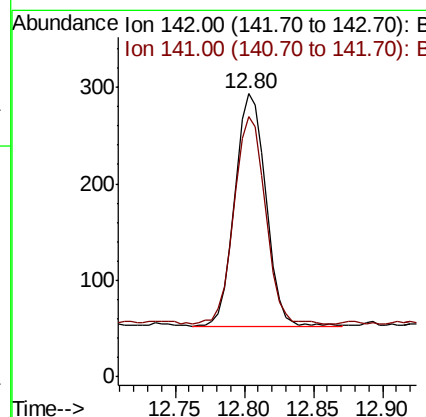
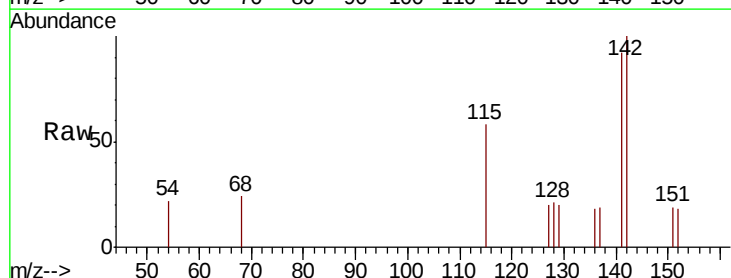
RT: 12.80 min Scan# 2637

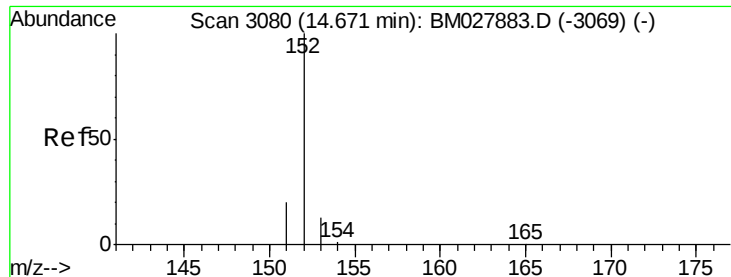
Delta R.T. -0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Tgt Ion:	142	Resp:	377
Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4





#7

Acenaphthylene

Concen: 0.048 ng/ul

RT: 14.68 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Instrument :

BNA_M

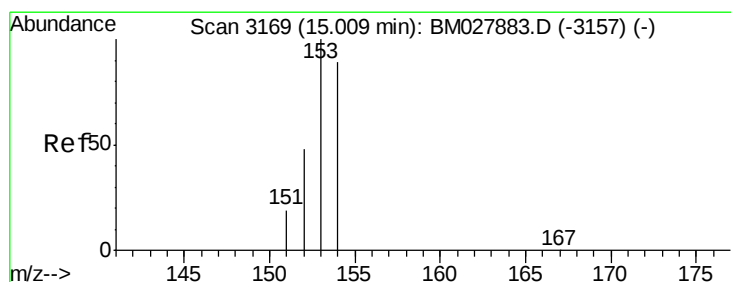
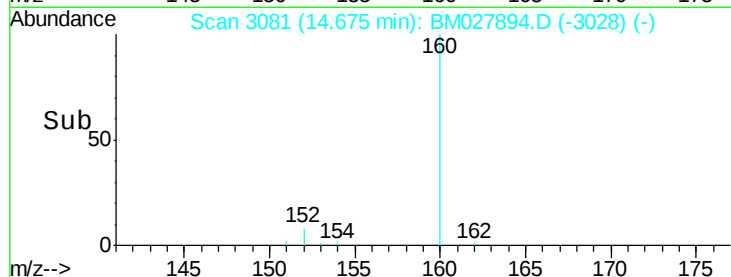
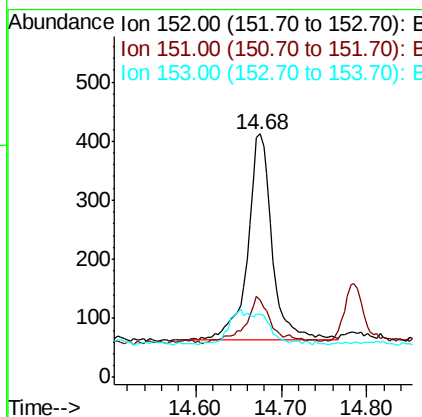
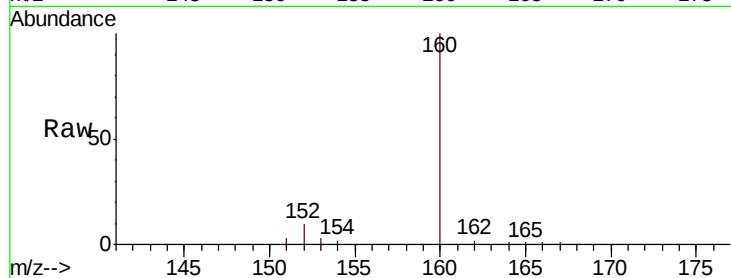
ClientSampleId :

C0B03

Tot Ion:	152	Resp:	688
Ion Ratio	Lower	Upper	
152	100		
151	31.6	17.1	25.7#
153	26.2	12.0	18.0#

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#8

Acenaphthene

Concen: 0.050 ng/ul

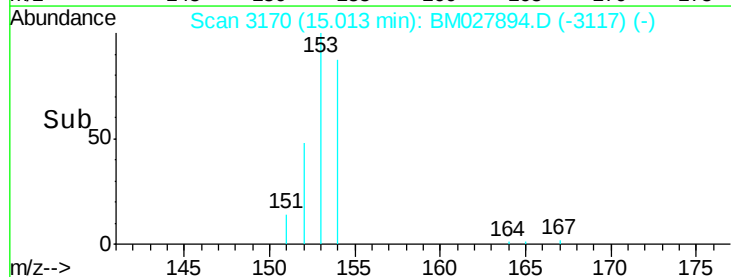
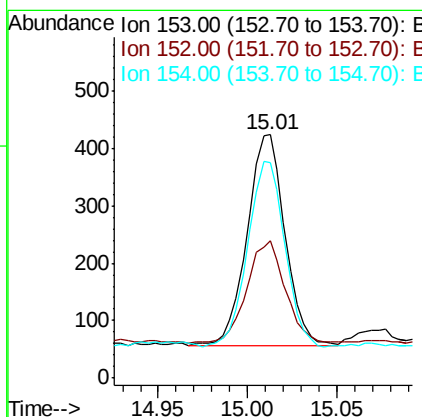
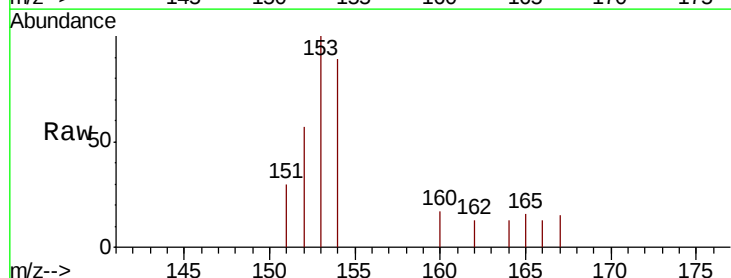
RT: 15.01 min Scan# 3170

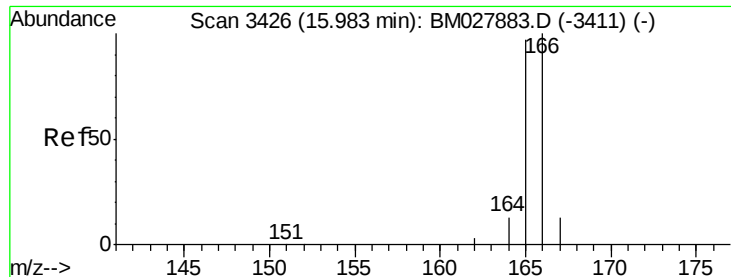
Delta R.T. 0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Tgt Ion:	153	Resp:	539
Ion Ratio	Lower	Upper	
153	100		
152	56.6	39.0	58.6
154	88.7	71.6	107.4





#9

Fluorene

Concen: 0.059 ng/ul

RT: 15.98 min Scan# 3426

Delta R.T. 0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Instrument :

BNA_M

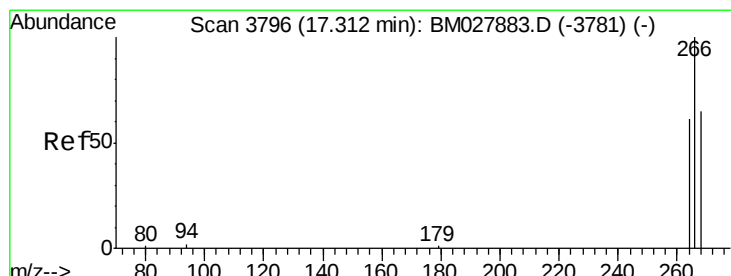
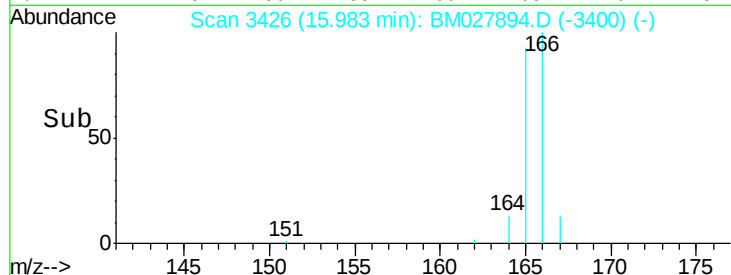
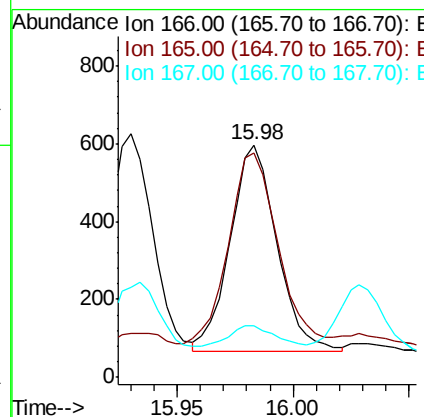
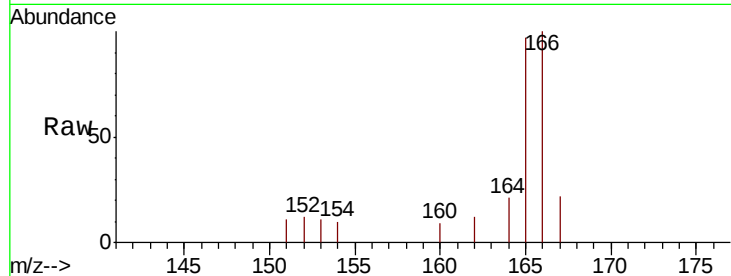
ClientSampleId :

C0B03

Tot Ion:	166	Resp:	744
Ion Ratio	Lower	Upper	
166	100		
165	96.7	78.1	117.1
167	21.9	11.8	17.8#

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#11

Pentachlorophenol

Concen: 0.021 ng/ul

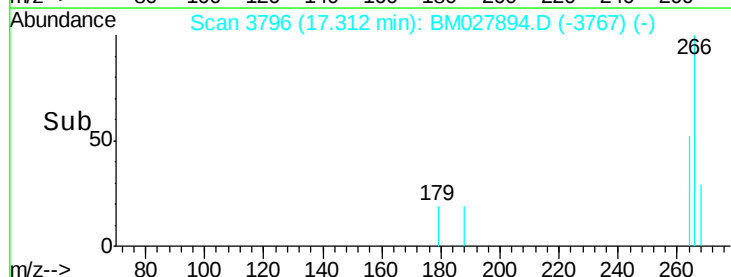
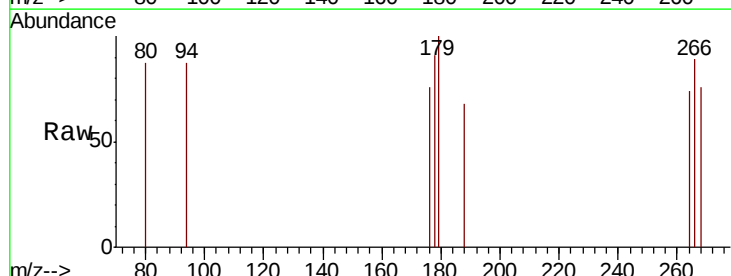
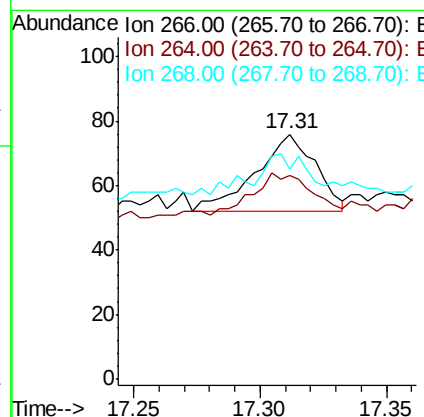
RT: 17.31 min Scan# 3796

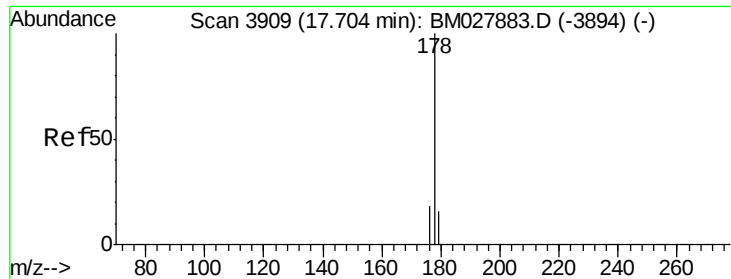
Delta R.T. 0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Tgt Ion:	266	Resp:	39
Ion Ratio	Lower	Upper	
266	100		
264	51.3	49.6	74.4
268	56.4	52.1	78.1





#12

Phenanthrene

Concen: 1.249 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Instrument :

BNA_M

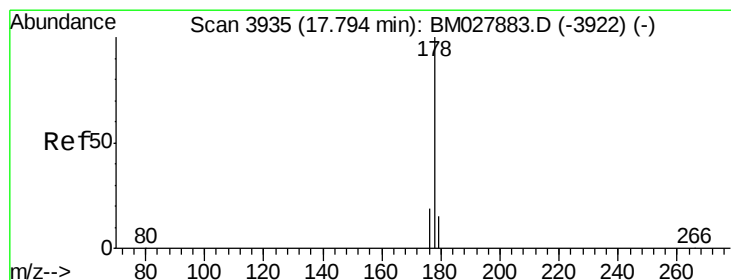
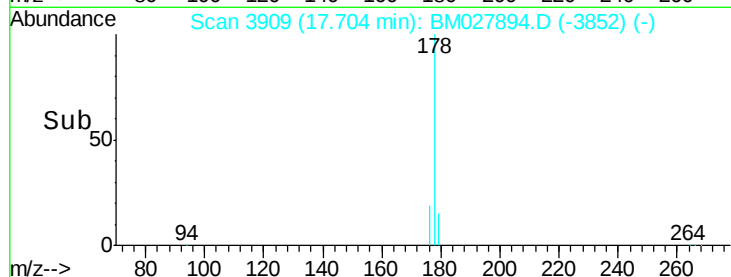
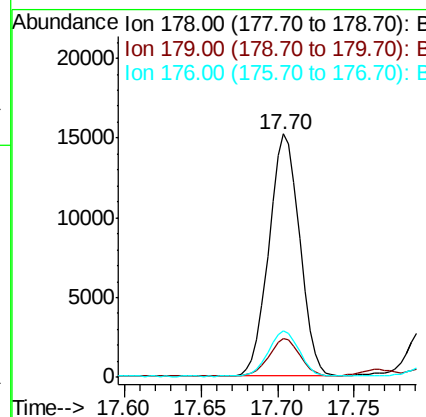
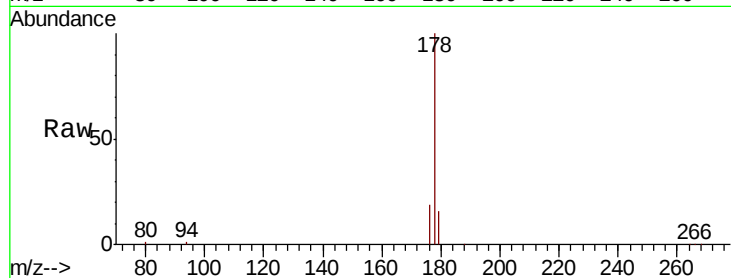
ClientSampleId :

C0B03

Tot Ion:	178	Resp:	21141
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.6	20.4
176	19.3	16.1	24.1

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#13

Anthracene

Concen: 0.252 ng/ul

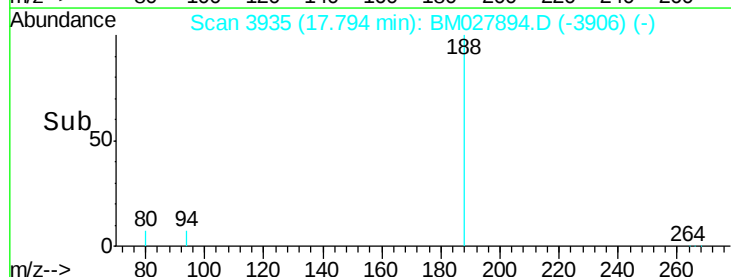
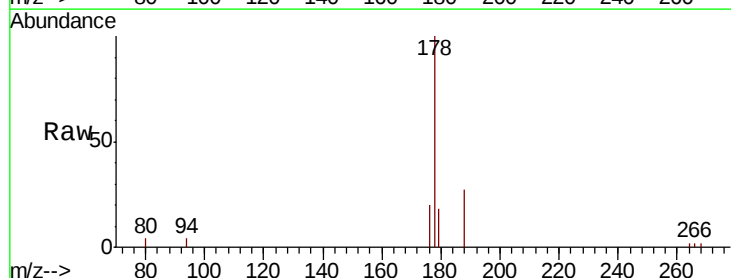
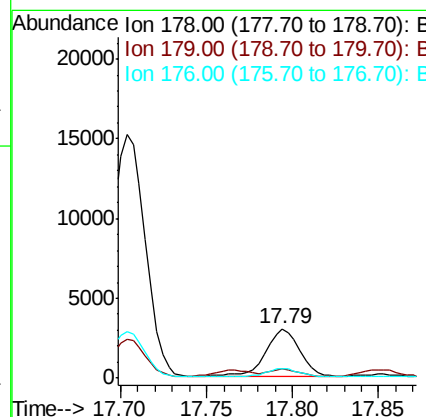
RT: 17.79 min Scan# 3935

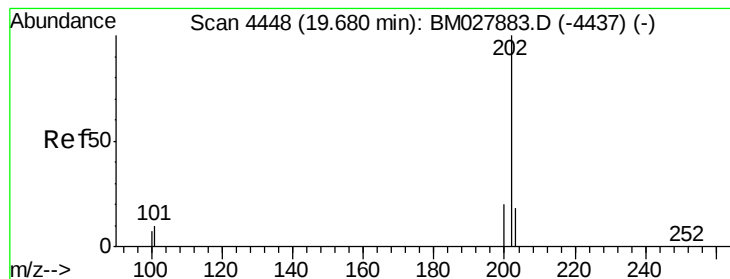
Delta R.T. 0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Tgt Ion:	178	Resp:	4112
Ion Ratio	Lower	Upper	
178	100		
179	18.3	13.4	20.2
176	20.1	15.0	22.6





#15

Fluoranthene

Concen: 3.880 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. -0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Instrument :

BNA_M

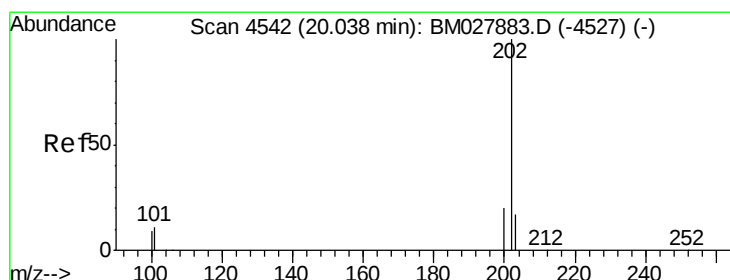
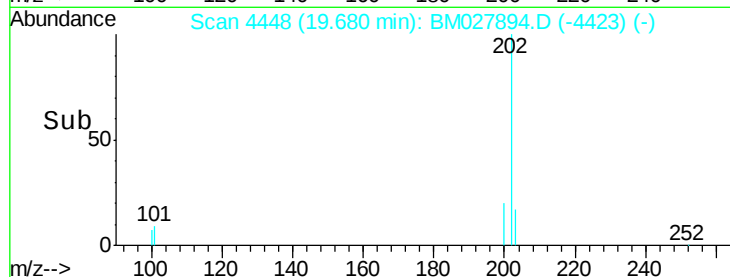
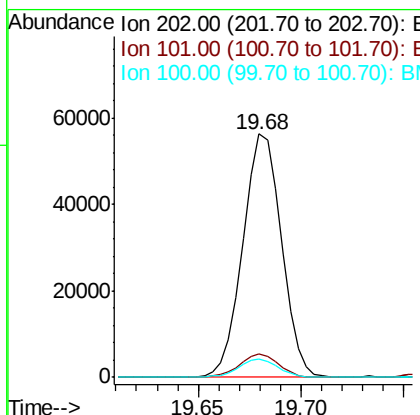
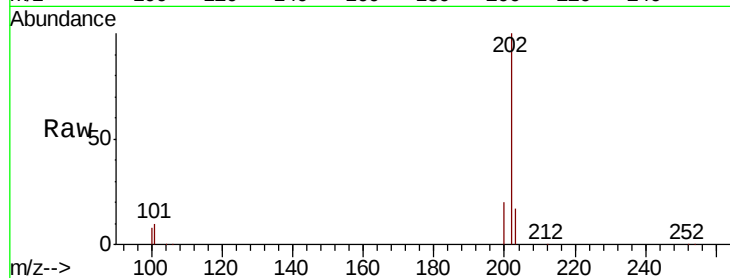
ClientSampleId :

C0B03

Tot Ion:	202	Resp:	72838
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.3
100	7.6	0.0	27.4

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#17

Pyrene

Concen: 4.013 ng/ul

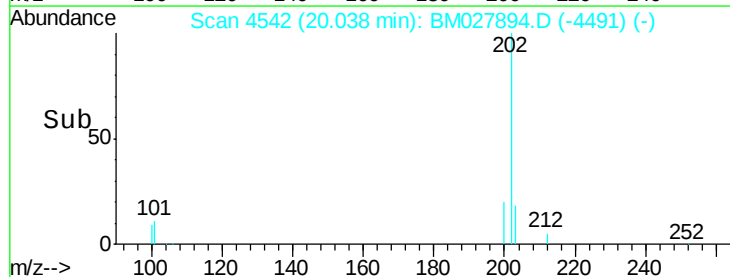
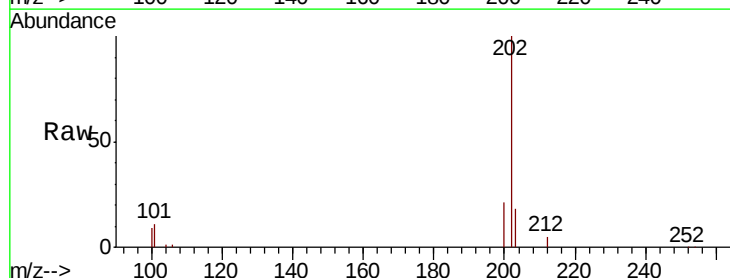
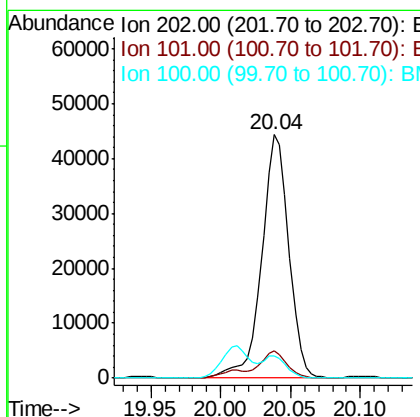
RT: 20.04 min Scan# 4542

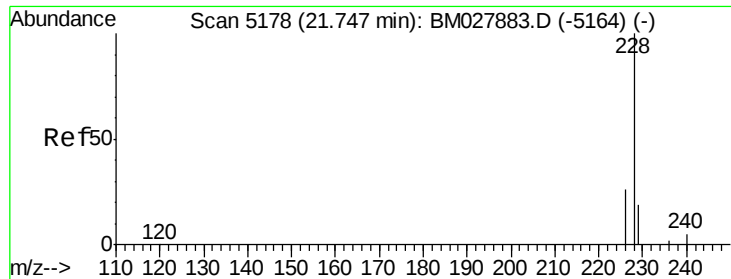
Delta R.T. -0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Tgt Ion:	202	Resp:	59179
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.2	12.2
100	9.2	6.9	10.3





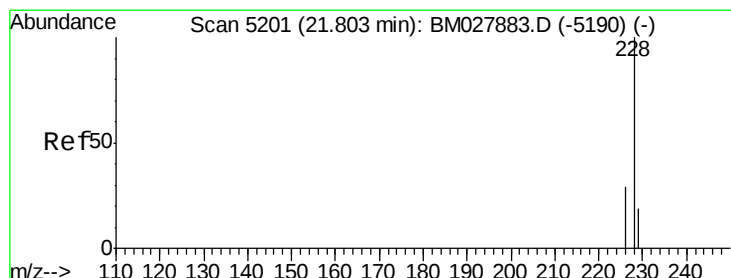
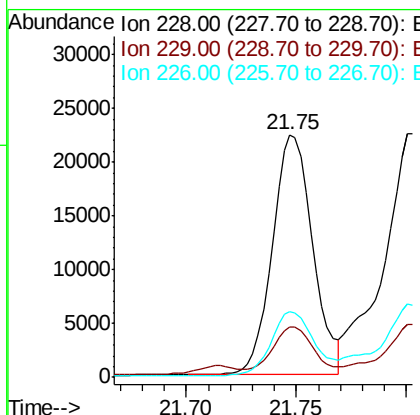
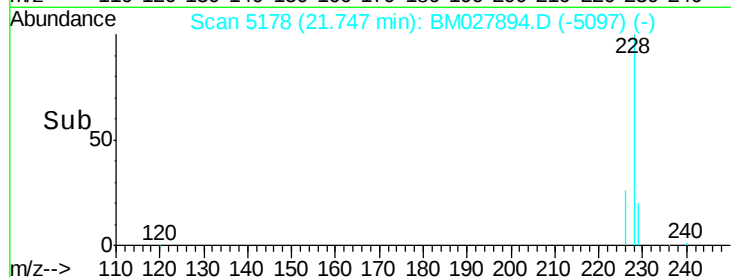
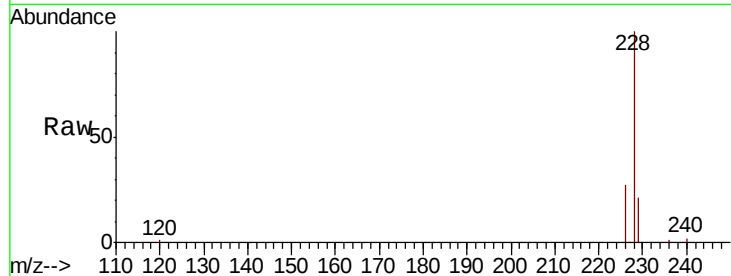
#18
Benzo(a)anthracene
Concen: 2.434 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027894.D
Acq: 21 Nov 2020 22:57

Instrument :
BNA_M
ClientSampleId :
C0B03

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.4
226	27.1	21.5	32.3

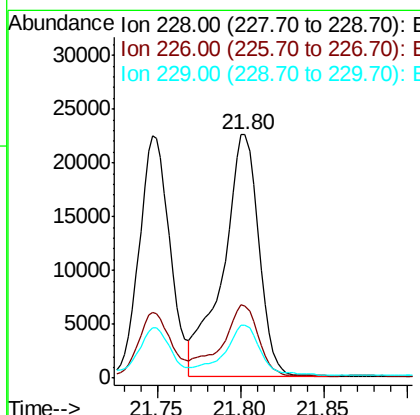
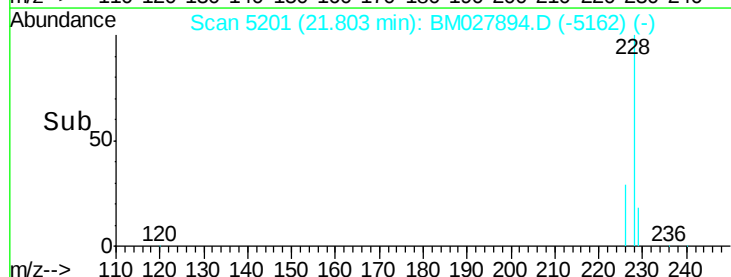
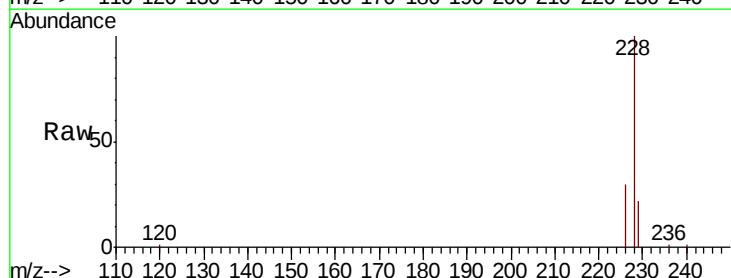
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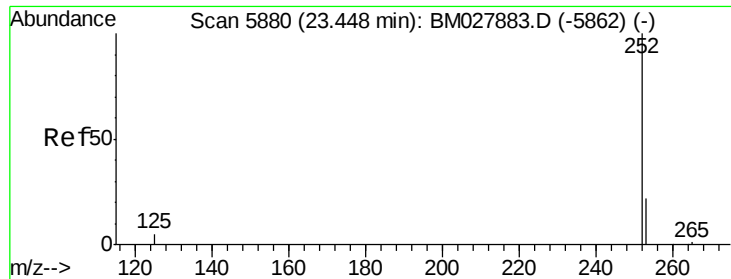
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#19
Chrysene
Concen: 2.940 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BM027894.D
Acq: 21 Nov 2020 22:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	22.0	16.6	24.8





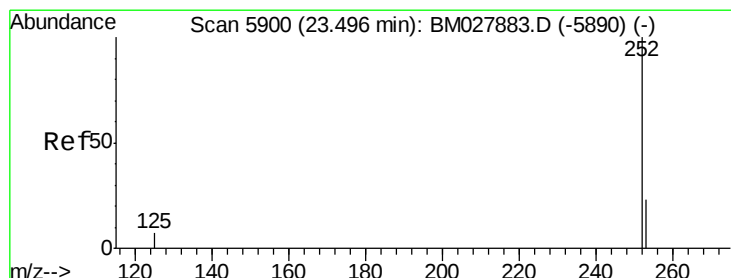
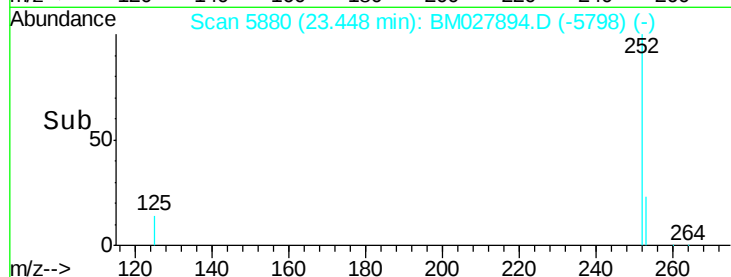
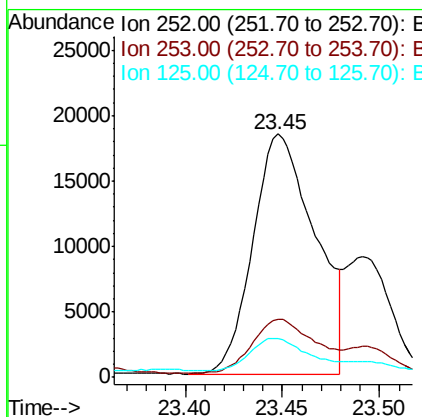
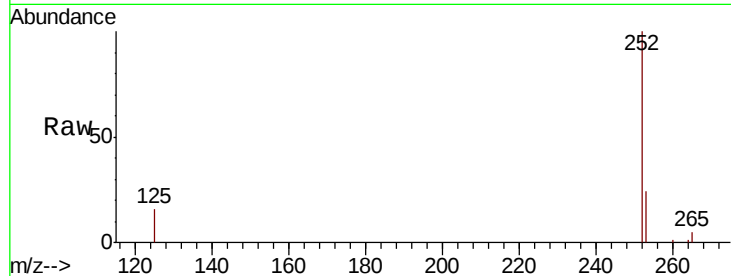
#21
Benzo(b)fluoranthene
Concen: 3.731 ng/ul m
RT: 23.45 min Scan# 5880
Delta R.T. -0.00 min
Lab File: BM027894.D
Acq: 21 Nov 2020 22:57

Instrument :
BNA_M
ClientSampleId :
C0B03

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	59.6
125	16.1	0.0	28.4

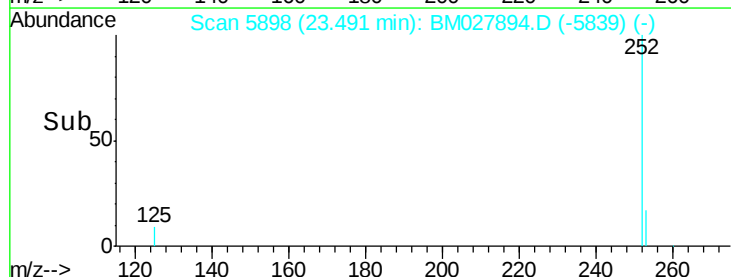
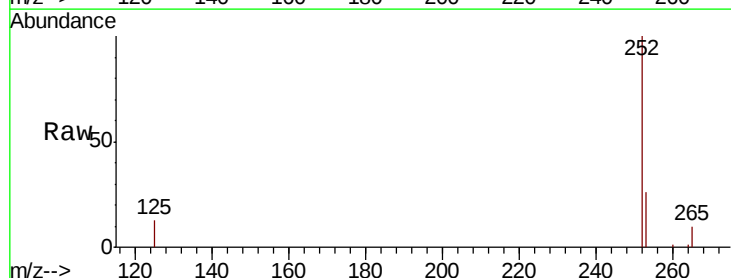
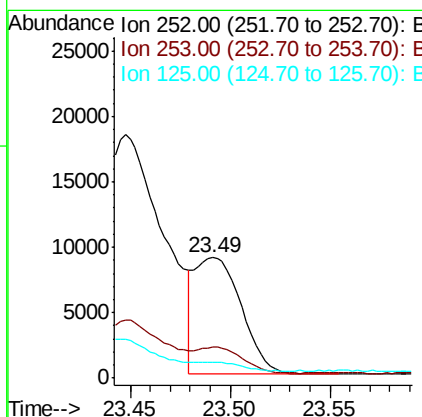
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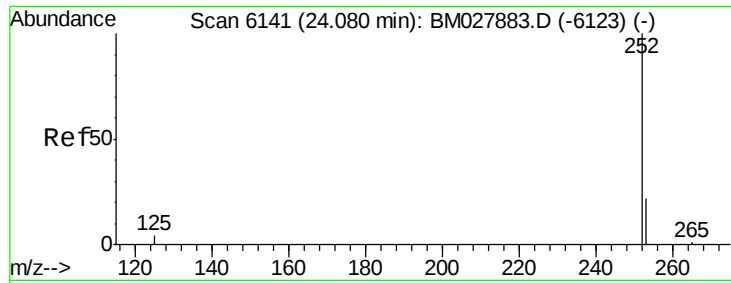
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#22
Benzo(k)fluoranthene
Concen: 1.367 ng/ul m
RT: 23.49 min Scan# 5898
Delta R.T. -0.01 min
Lab File: BM027894.D
Acq: 21 Nov 2020 22:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	23.2	34.8
125	13.0	11.8	17.6





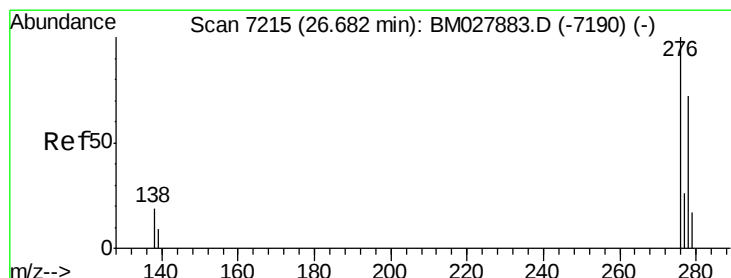
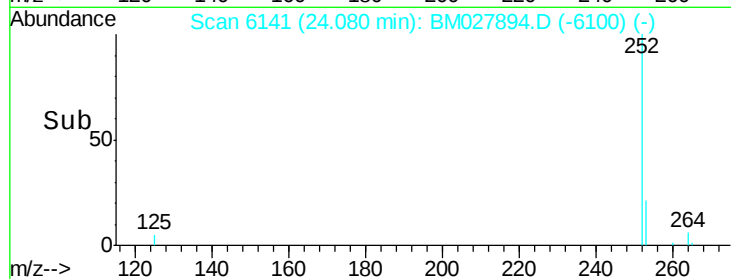
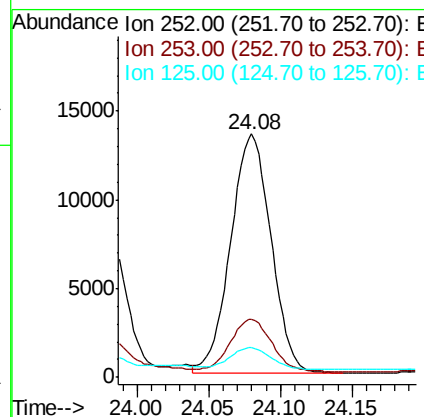
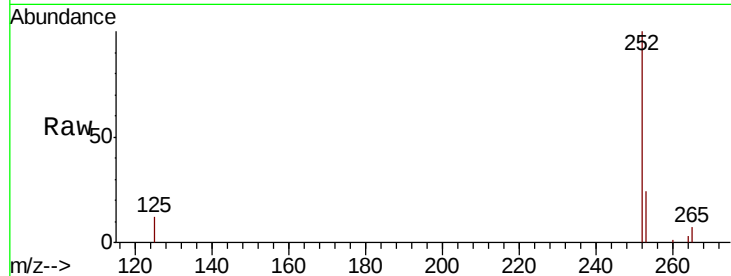
#23
Benzo(a)pyrene
Concen: 2.774 ng/ul
RT: 24.08 min Scan# 6141
Delta R.T. 0.00 min
Lab File: BM027894.D
Acq: 21 Nov 2020 22:57

Instrument :
BNA_M
ClientSampleId :
C0B03

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	25.2	37.8#
125	12.1	13.8	20.6#

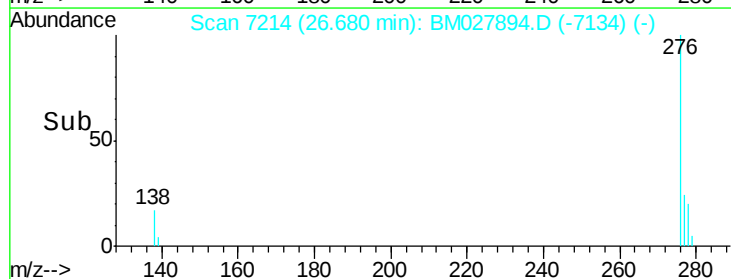
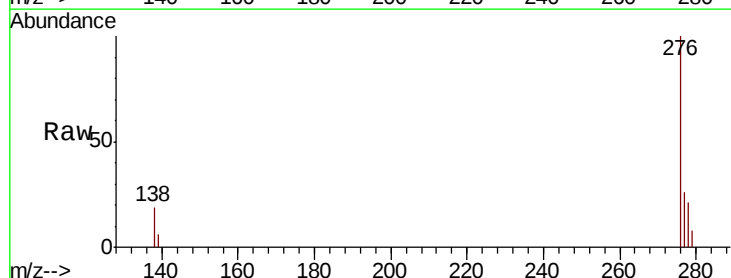
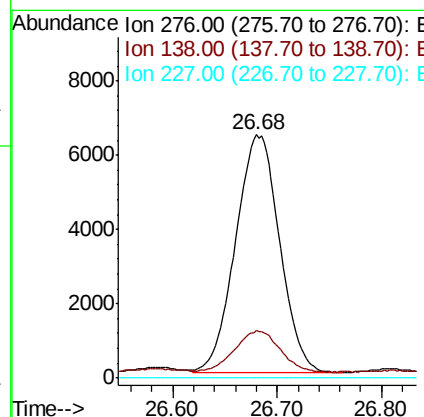
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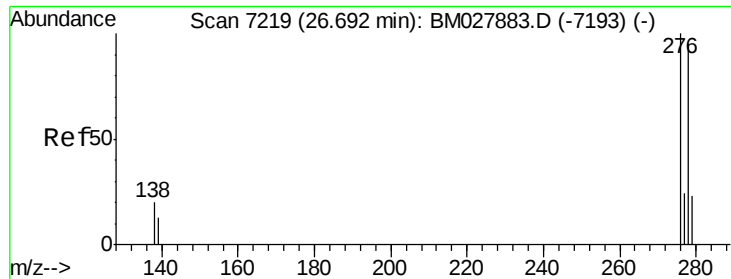
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#24
Indeno(1,2,3-cd)pyrene
Concen: 1.847 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.01 min
Lab File: BM027894.D
Acq: 21 Nov 2020 22:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.7	23.5
227	0.0	0.0	0.0





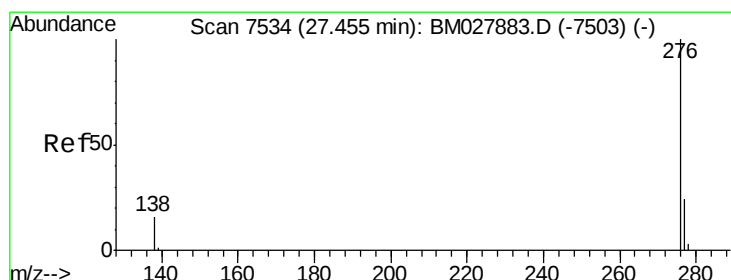
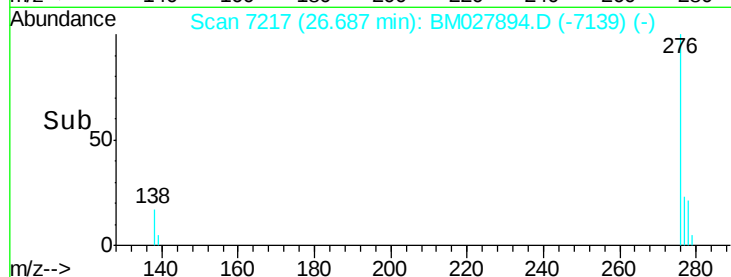
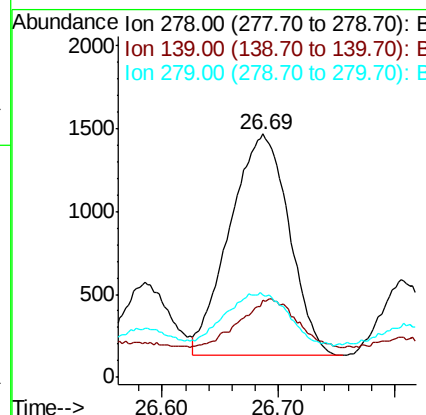
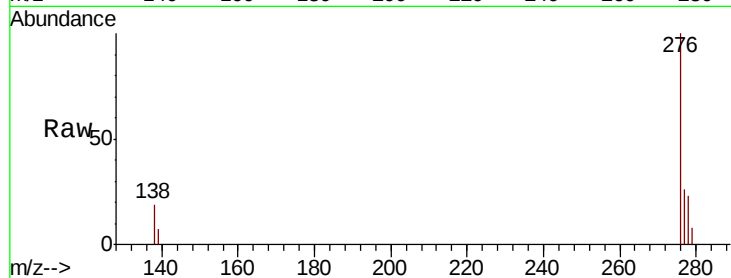
#25
Dibenzo(a,h)anthracene
Concen: 0.556 ng/ul
RT: 26.69 min Scan# 7217
Delta R.T. -0.01 min
Lab File: BM027894.D
Acq: 21 Nov 2020 22:57

Instrument :
BNA_M
ClientSampleId :
C0B03

Tot Ion	Ratio	Lower	Upper
278	100		
139	31.6	14.8	22.2#
279	33.9	25.8	38.6

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 2.137 ng/ul
RT: 27.46 min Scan# 7536
Delta R.T. -0.00 min
Lab File: BM027894.D
Acq: 21 Nov 2020 22:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	17.4	26.2
277	25.5	22.5	33.7

