

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027874.D
 Acq On : 21 Nov 2020 10:44
 Operator : JU/CG
 Sample : L4710-20DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AY3DL

Manual Integrations
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 11/24/2020 8:58:23 AM

Quant Time: Nov 21 12:29:56 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 : Fri Nov 20 17:20:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1124	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4515	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2885	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	6127	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	4305	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	3458	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	248	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	582	0.04	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.80	142	218	0.024	ng/ul	100
12) Phenanthrene	17.70	178	4055	0.210	ng/ul	100
13) Anthracene	17.79	178	1038m	0.056	ng/ul	
15) Fluoranthene	19.68	202	11122	0.518	ng/ul	100
17) Pyrene	20.04	202	9468	0.433	ng/ul	99
18) Benzo(a)anthracene	21.75	228	4495	0.259	ng/ul	99
19) Chrysene	21.80	228	4689	0.277	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	4634m	0.319	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	2104m	0.148	ng/ul	
23) Benzo(a)pyrene	24.08	252	2989	0.235	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.67	276	1769	0.129	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.68	278	468	0.041	ng/ul#	20
26) Benzo(g,h,i)perylene	27.45	276	1543	0.134	ng/ul#	89

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

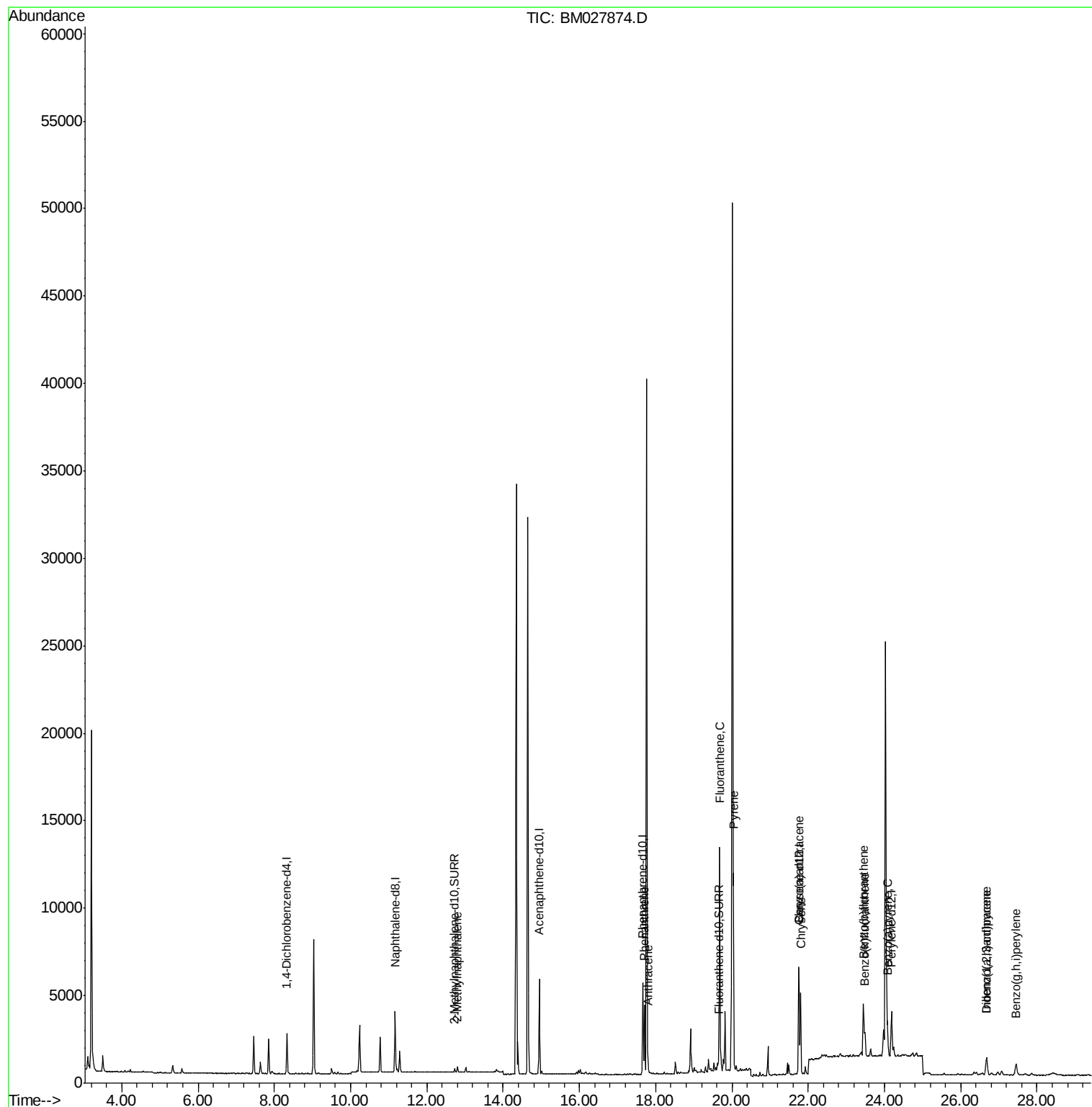
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027874.D
Acq On : 21 Nov 2020 10:44
Operator : JU/CG
Sample : L4710-20DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

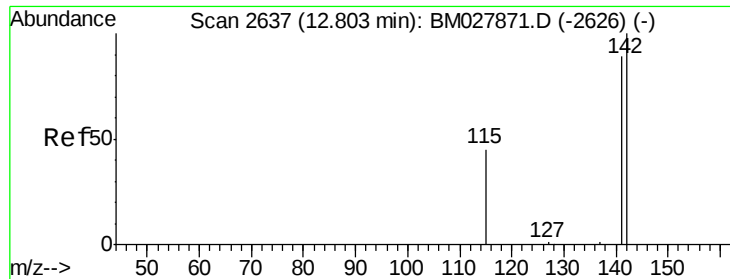
Instrument :
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Quant Time: Nov 21 12:29:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 17:20:22 2020
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#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027874.D

Acq: 21 Nov 2020 10:44

Instrument :

BNA_M

ClientSampleId :

C0AY3DL

Tot Ion:142 Resp: 218

Ion Ratio Lower Upper

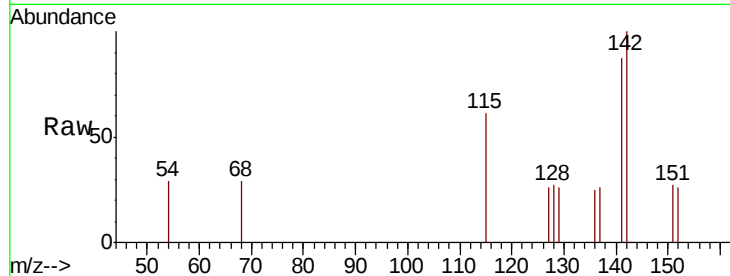
142 100

141 89.9 71.6 107.4

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.80

200

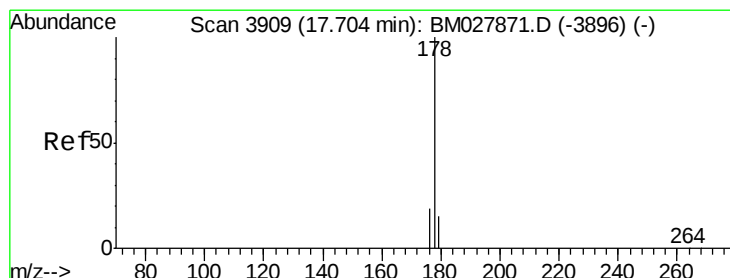
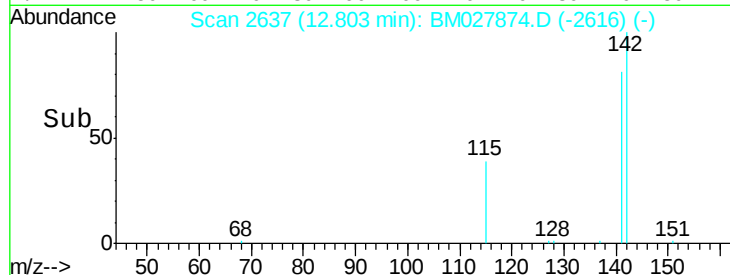
150

100

50

0

Time-->



#12

Phenanthrene

Concen: 0.210 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM027874.D

Acq: 21 Nov 2020 10:44

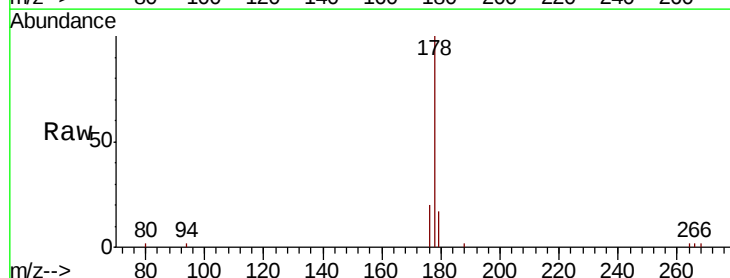
Tgt Ion:178 Resp: 4055

Ion Ratio Lower Upper

178 100

179 16.9 13.6 20.4

176 20.4 16.1 24.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.70

4000

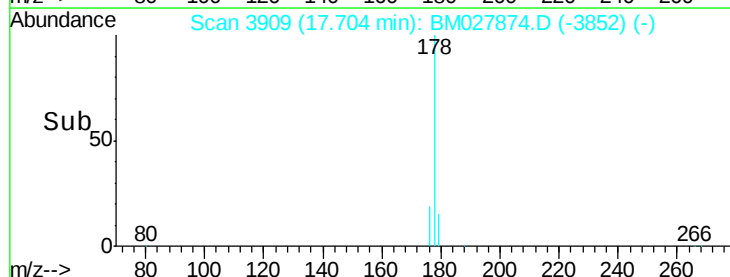
3000

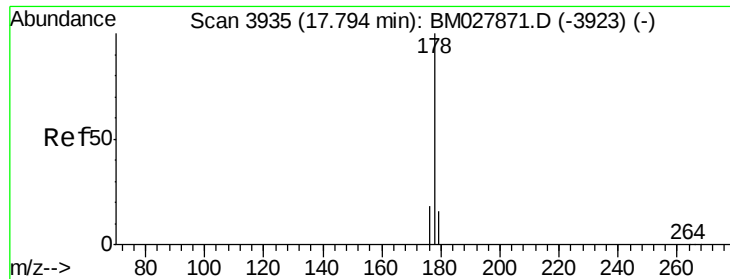
2000

1000

0

Time-->





#13

Anthracene

Concen: 0.056 ng/ul m

RT: 17.79 min Scan# 3935

Delta R.T. -0.00 min

Lab File: BM027874.D

Acq: 21 Nov 2020 10:44

Instrument :

BNA_M

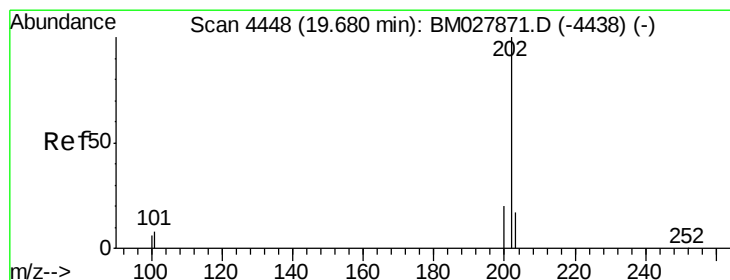
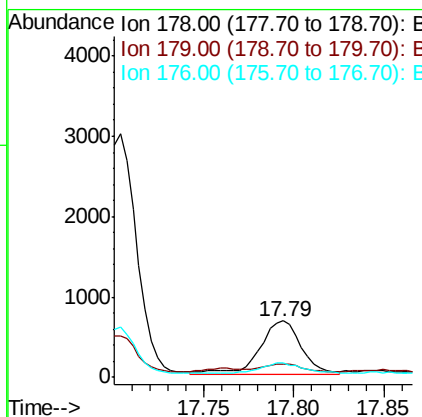
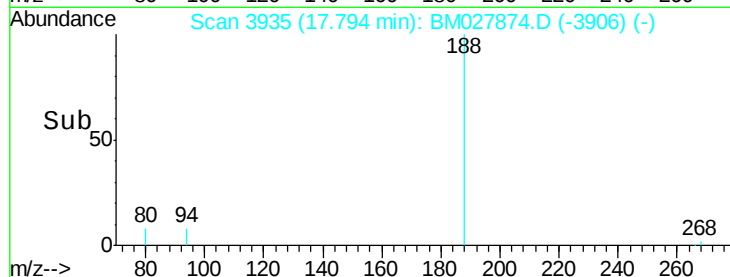
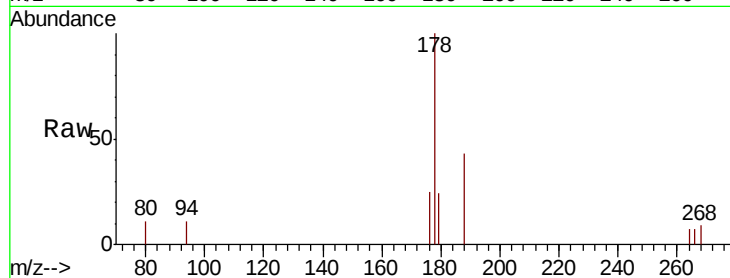
ClientSampleId :

C0AY3DL

Tot Ion:	178	Resp:	1038
Ion	Ratio	Lower	Upper
178	100		
179	24.1	13.4	20.2#
176	24.9	15.0	22.6#

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#15

Fluoranthene

Concen: 0.518 ng/ul

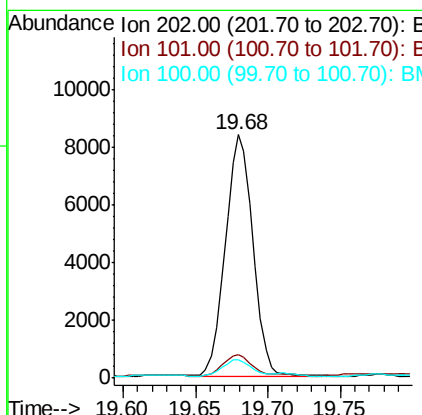
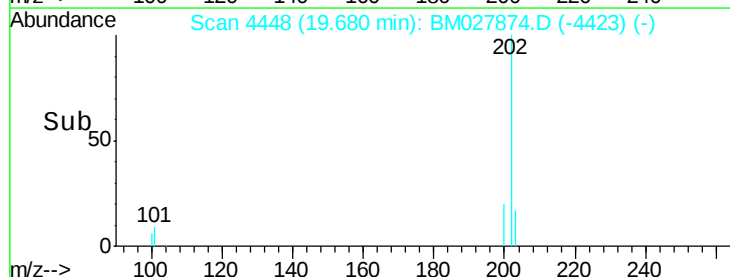
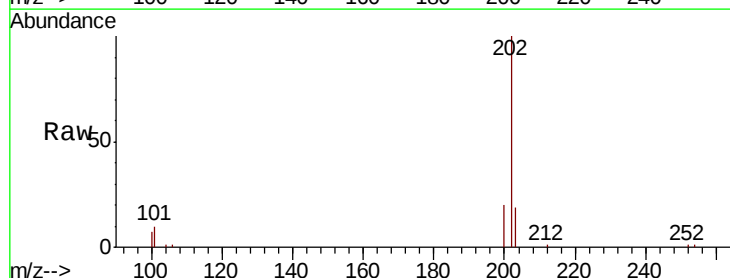
RT: 19.68 min Scan# 4448

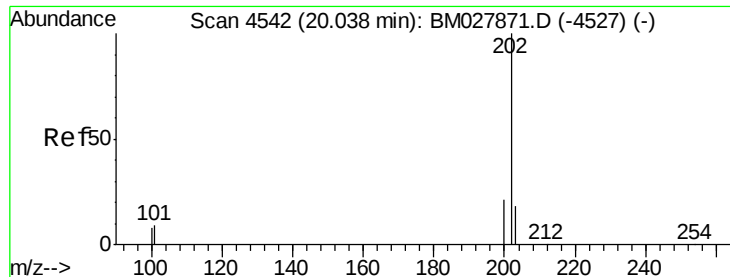
Delta R.T. -0.00 min

Lab File: BM027874.D

Acq: 21 Nov 2020 10:44

Tgt Ion:	202	Resp:	11122
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.3
100	7.3	0.0	27.4





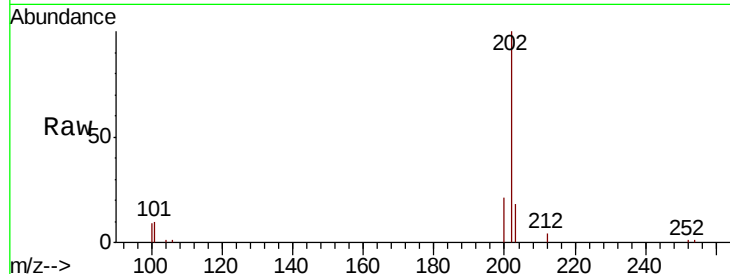
#17
Pvrene
Concen: 0.433 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. -0.00 min
Lab File: BM027874.D
Acq: 21 Nov 2020 10:44

Instrument :
BNA_M
ClientSampleId :
C0AY3DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.2	12.2
100	9.0	6.9	10.3

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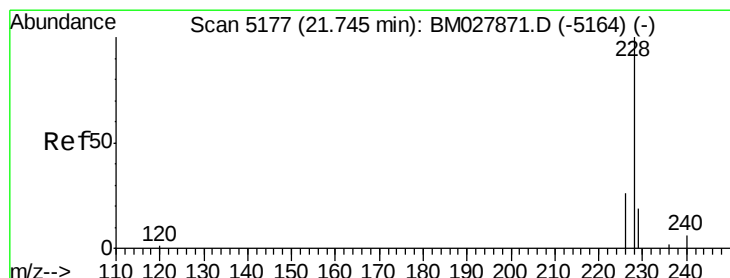
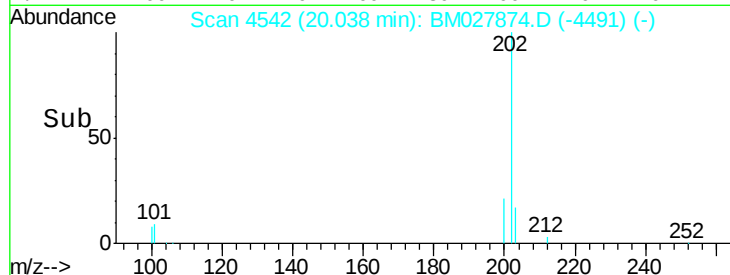
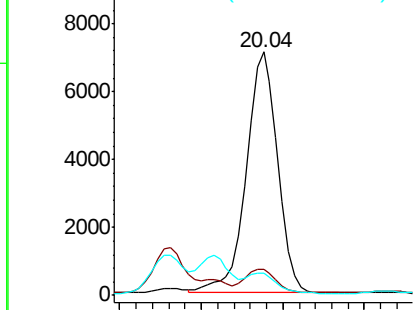


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18
Benzo(a)anthracene
Concen: 0.259 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027874.D
Acq: 21 Nov 2020 10:44

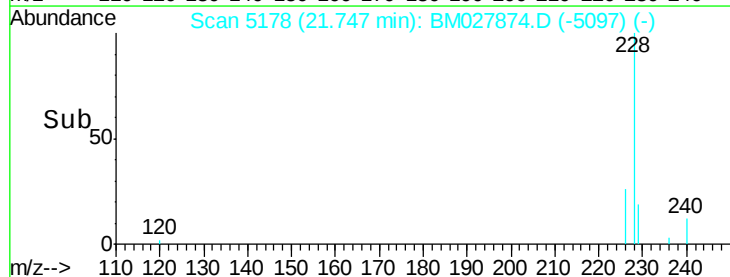
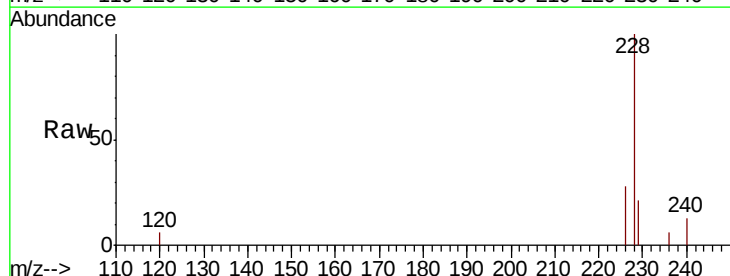
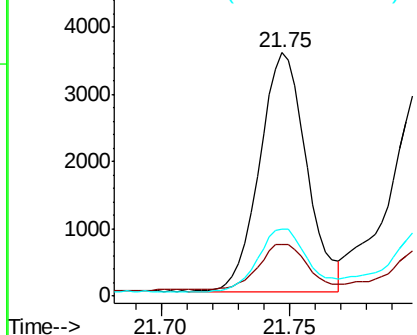
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.4
226	27.5	21.5	32.3

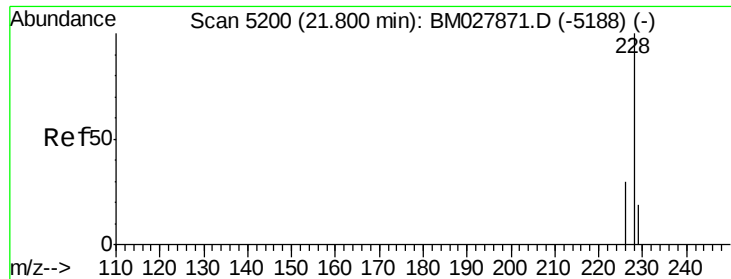
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.277 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. -0.00 min

Lab File: BM027874.D

Acq: 21 Nov 2020 10:44

Instrument :

BNA_M

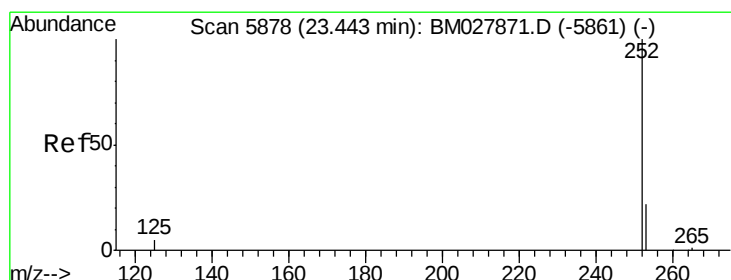
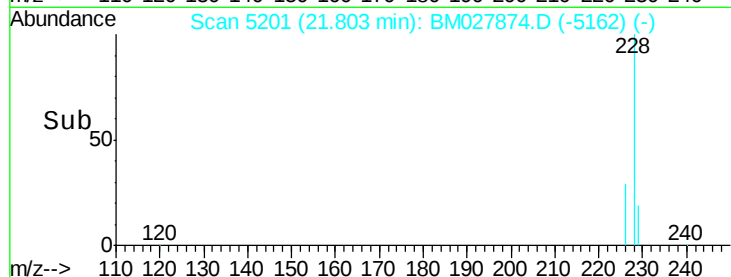
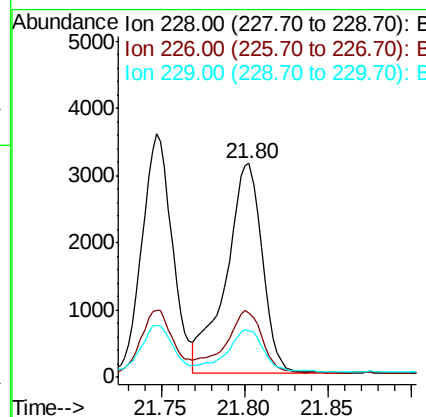
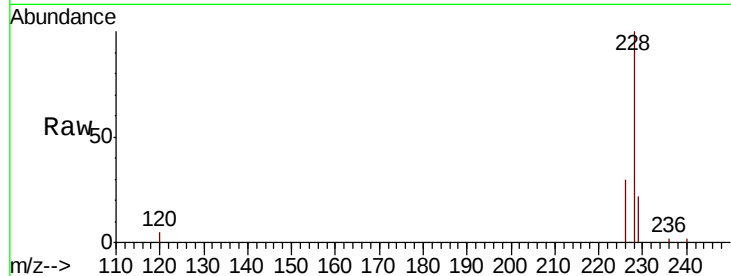
ClientSampleId :

C0AY3DL

Tot Ion:228	Resp:	4689
Ion Ratio	Lower	Upper
228 100		
226 30.0	24.1	36.1
229 21.9	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 0.319 ng/ul m

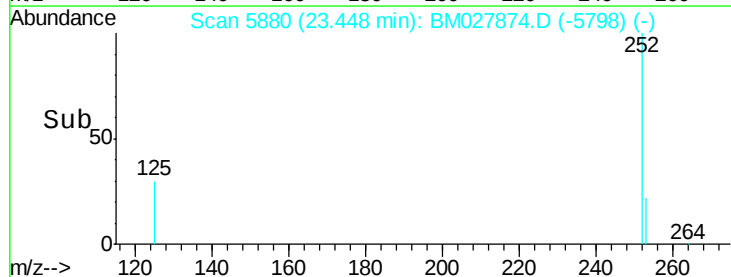
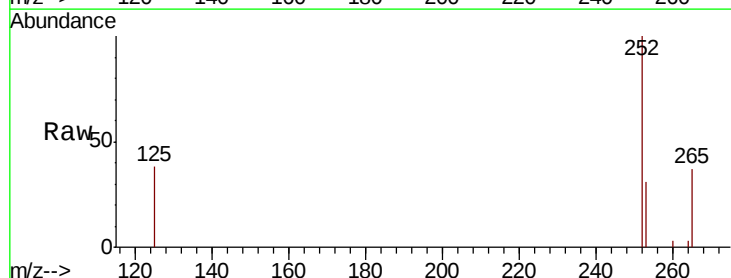
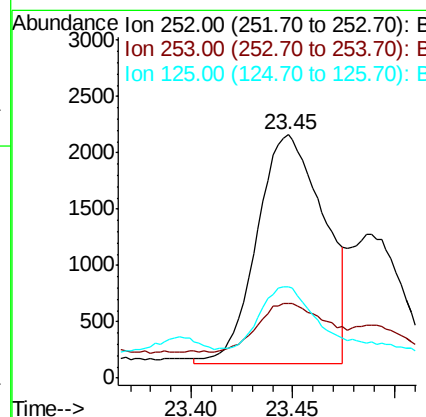
RT: 23.45 min Scan# 5880

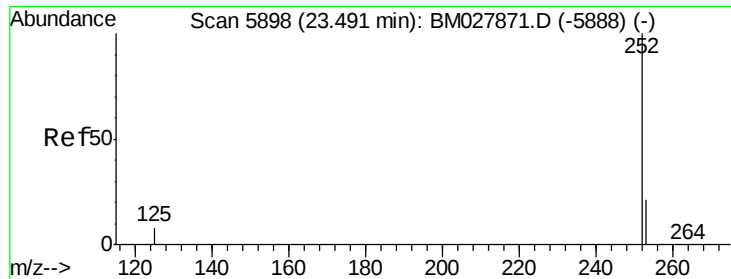
Delta R.T. -0.00 min

Lab File: BM027874.D

Acq: 21 Nov 2020 10:44

Tgt Ion:252	Resp:	4634
Ion Ratio	Lower	Upper
252 100		
253 30.6	0.0	59.6
125 37.6	0.0	28.4#





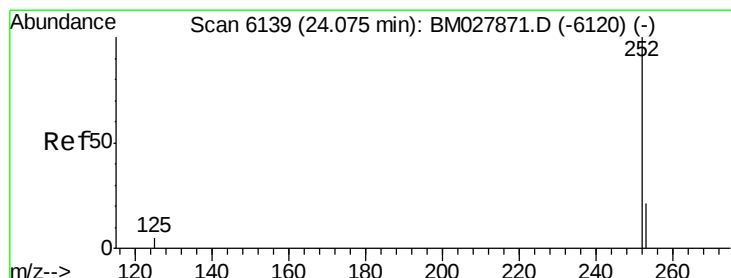
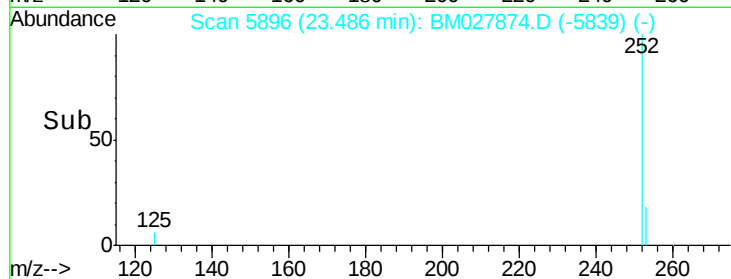
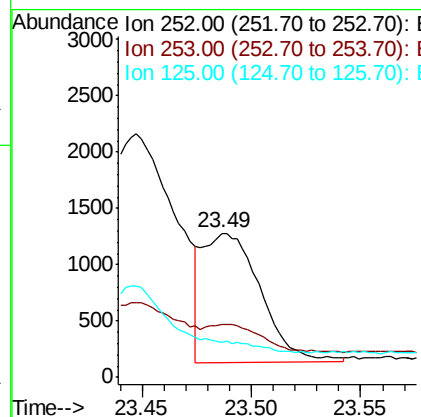
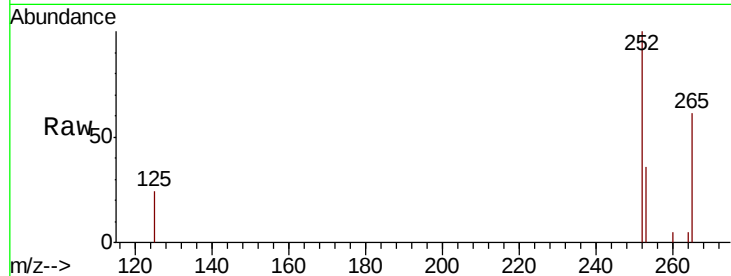
#22
Benzo(k)fluoranthene
Concen: 0.148 ng/ul m
RT: 23.49 min Scan# 5896
Delta R.T. -0.01 min
Lab File: BM027874.D
Acq: 21 Nov 2020 10:44

Instrument :
BNA_M
ClientSampleId :
C0AY3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.5	23.2	34.8#
125	23.8	11.8	17.6#

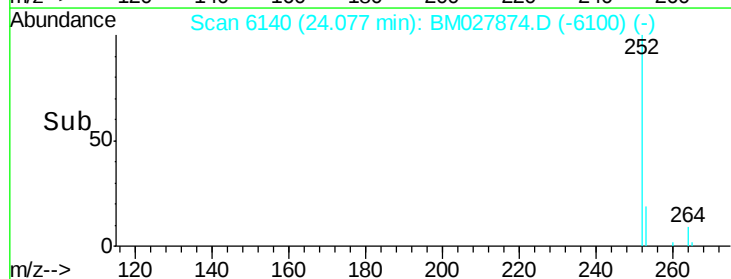
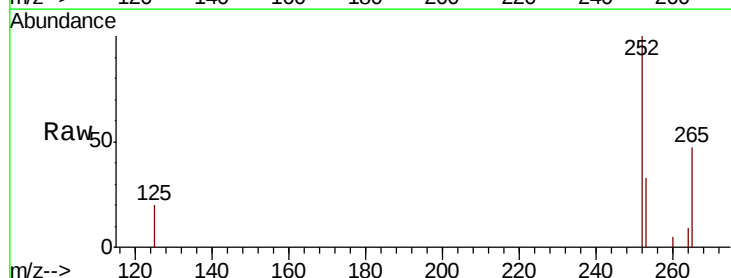
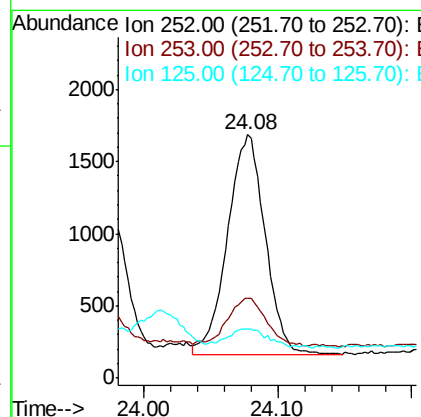
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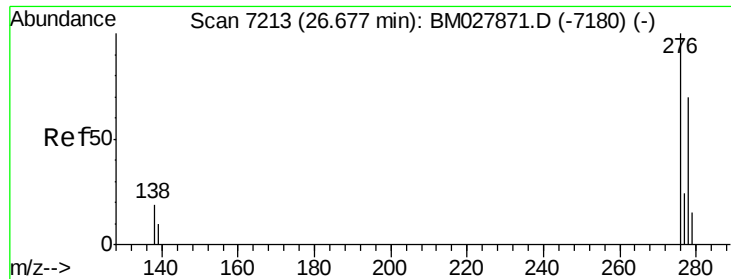
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#23
Benzo(a)pyrene
Concen: 0.235 ng/ul
RT: 24.08 min Scan# 6140
Delta R.T. -0.00 min
Lab File: BM027874.D
Acq: 21 Nov 2020 10:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.7	25.2	37.8
125	20.0	13.8	20.6





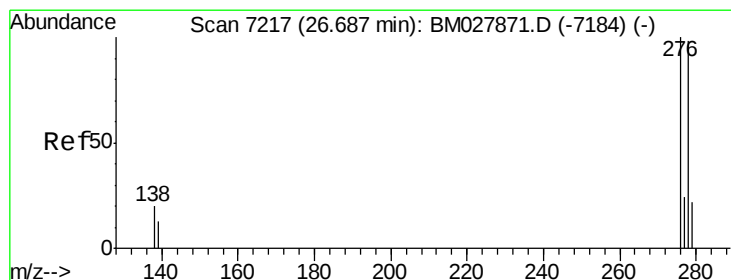
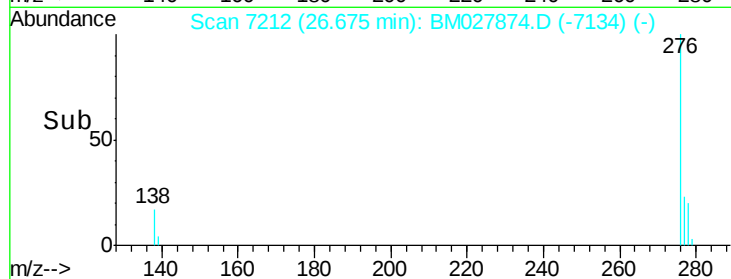
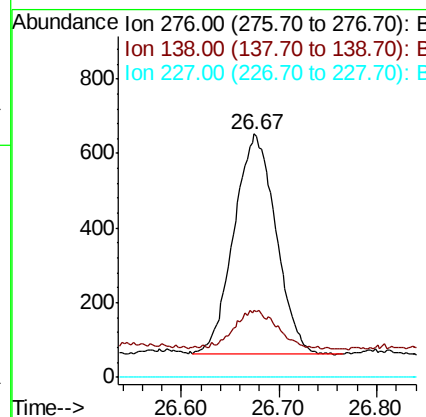
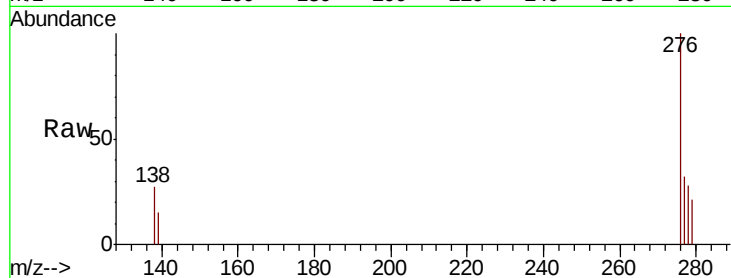
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.129 ng/uL
RT: 26.67 min Scan# 7212
Delta R.T. -0.01 min
Lab File: BM027874.D
Acq: 21 Nov 2020 10:44

Instrument :
BNA_M
ClientSampleId :
C0AY3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.7	23.5
227	0.0	0.0	0.0

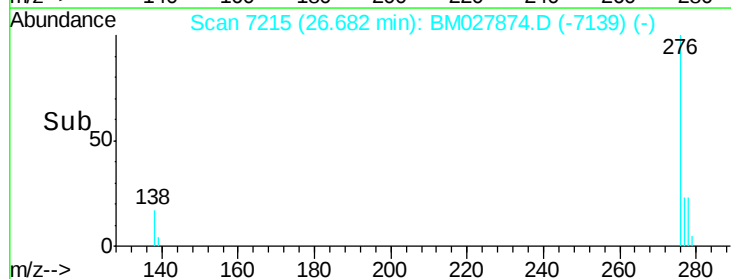
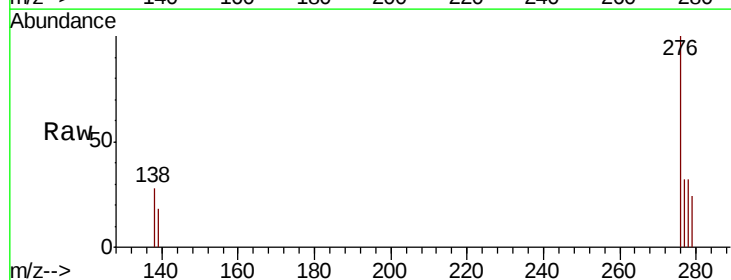
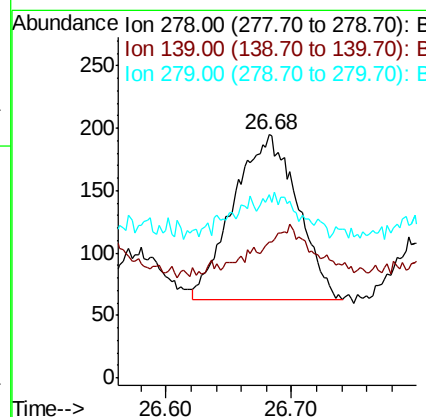
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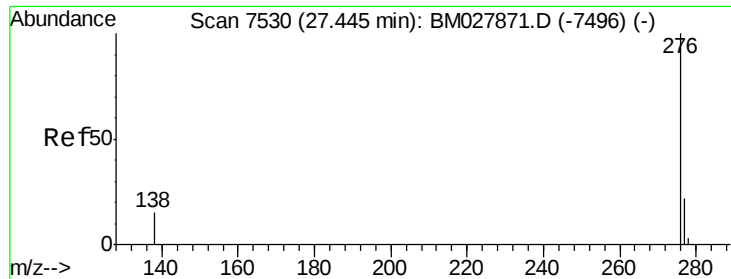
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#25
Dibenzo(a,h)anthracene
Concen: 0.041 ng/uL
RT: 26.68 min Scan# 7215
Delta R.T. -0.02 min
Lab File: BM027874.D
Acq: 21 Nov 2020 10:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	55.9	14.8	22.2#
279	75.4	25.8	38.6#





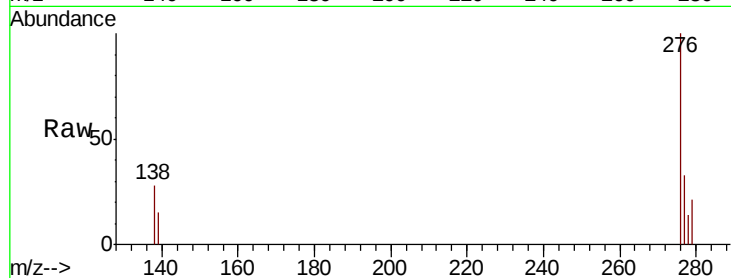
#26
Benzo(a,h,i)perylene
Concen: 0.134 ng/ul
RT: 27.45 min Scan# 7531
Delta R.T. -0.01 min
Lab File: BM027874.D
Acq: 21 Nov 2020 10:44

Instrument :
BNA_M
ClientSampleId :
C0AY3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	17.4	26.2#
277	32.8	22.5	33.7

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

