

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027923.D
 Acq On : 23 Nov 2020 21:02
 Operator : JU/CG
 Sample : L4711-17DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW9DL

Manual Integrations
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Quant Time: Nov 24 01:10:03 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 : Tue Nov 24 00:42:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1237	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4913	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2810	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5085	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2941	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2500	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	425	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	700	0.05	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	15.00	153	250	0.024	ng/ul#	93
9) Fluorene	15.98	166	292	0.024	ng/ul#	88
12) Phenanthrene	17.70	178	8496	0.529	ng/ul	98
13) Anthracene	17.79	178	2217	0.143	ng/ul	94
15) Fluoranthene	19.68	202	17389	0.976	ng/ul	98
17) Pyrene	20.03	202	14469	0.969	ng/ul	97
18) Benzo(a)anthracene	21.75	228	6303	0.531	ng/ul	98
19) Chrysene	21.80	228	6141	0.531	ng/ul	97
21) Benzo(b)fluoranthene	23.45	252	6534m	0.622	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	2107m	0.205	ng/ul	
23) Benzo(a)pyrene	24.08	252	4482	0.488	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.67	276	2703	0.272	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.68	278	722	0.087	ng/ul#	40
26) Benzo(g,h,i)perylene	27.45	276	2528	0.303	ng/ul	95

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

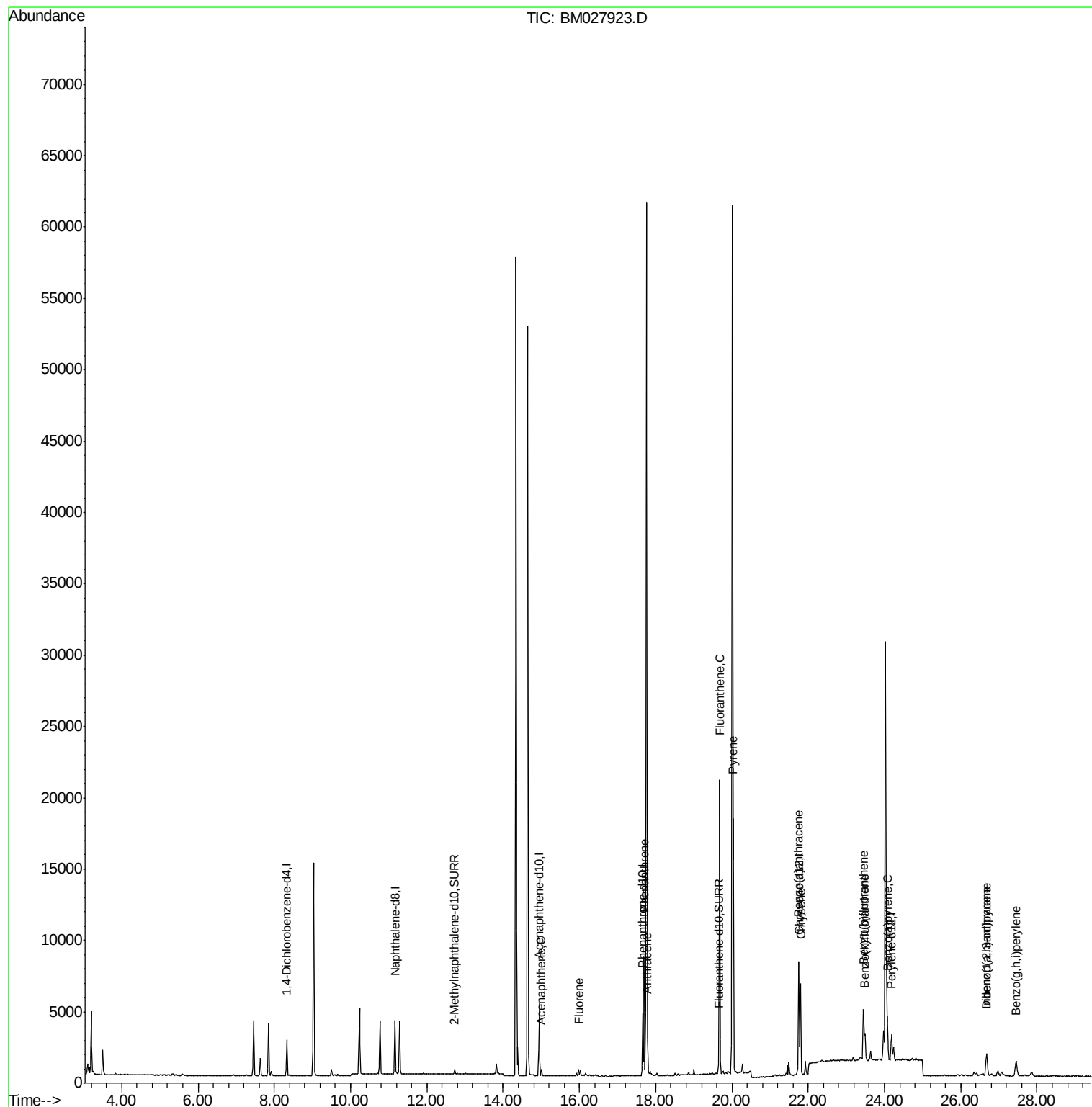
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027923.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

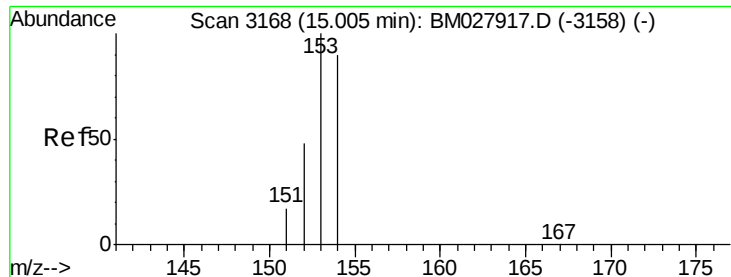
Instrument :
BNA_M
ClientSampleID :
C0AW9DL

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Quant Time: Nov 24 01:10:03 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 : Tue Nov 24 00:42:23 2020
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.024 ng/ul

RT: 15.00 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

Instrument :

BNA_M

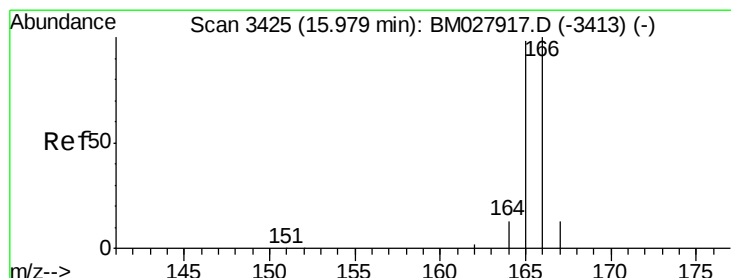
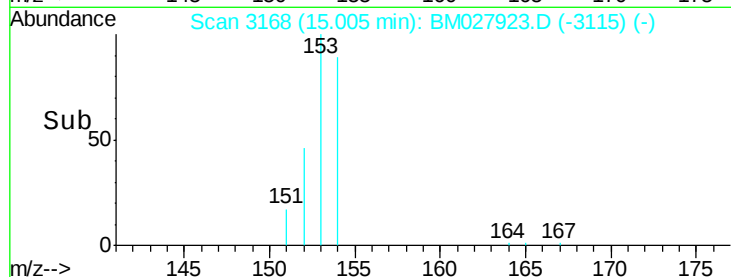
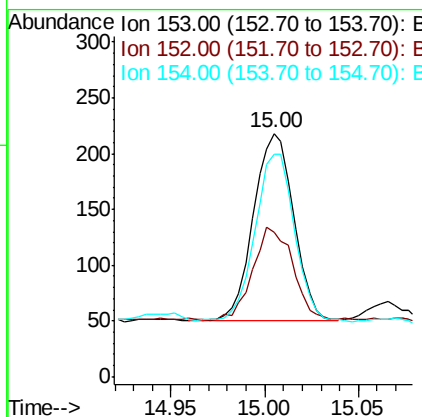
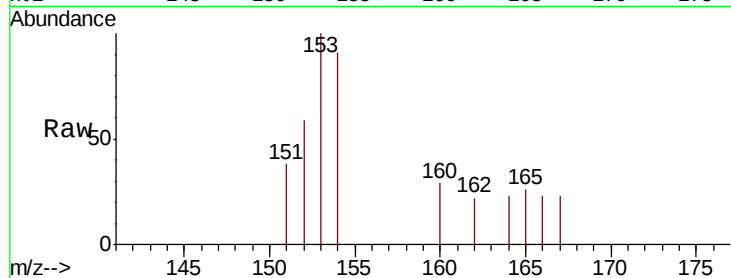
ClientSampleId :

C0AW9DL

Tot Ion:	153	Resp:	250
Ion	Ratio	Lower	Upper
153	100		
152	59.2	39.0	58.6#
154	91.3	71.6	107.4

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#9

Fluorene

Concen: 0.024 ng/ul

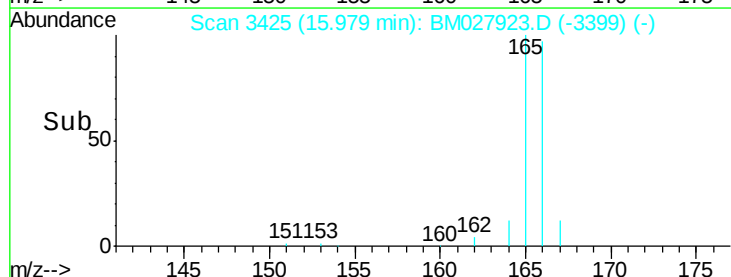
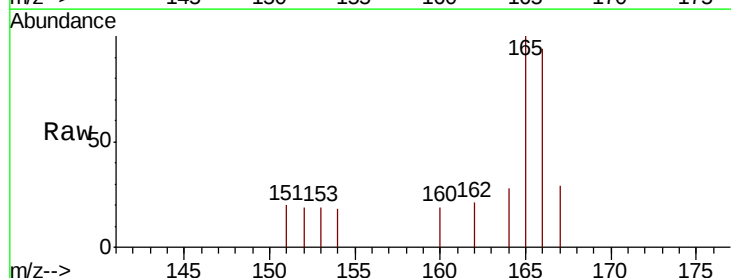
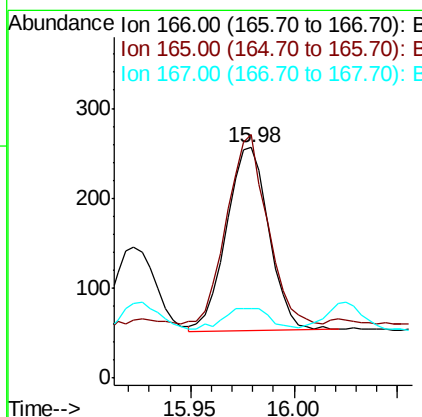
RT: 15.98 min Scan# 3425

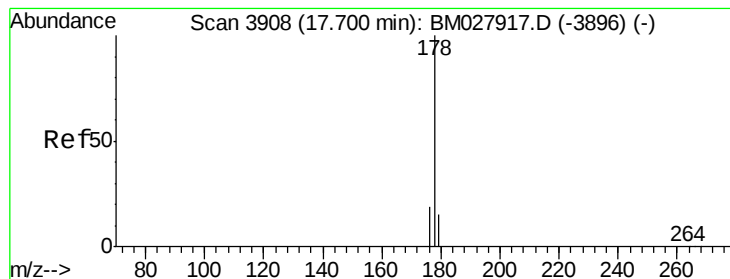
Delta R.T. 0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

Tgt Ion:	166	Resp:	292
Ion	Ratio	Lower	Upper
166	100		
165	105.9	78.1	117.1
167	30.5	11.8	17.8#





#12

Phenanthrene

Concen: 0.529 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

Instrument :

BNA_M

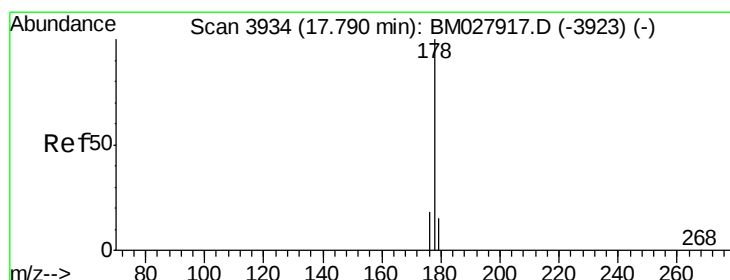
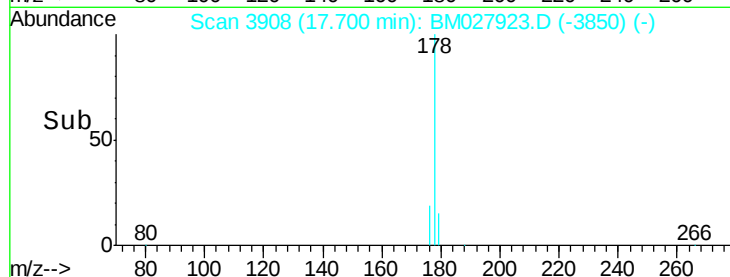
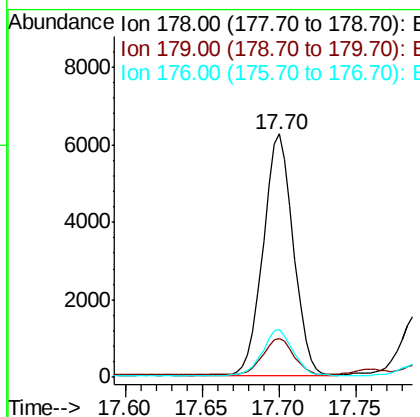
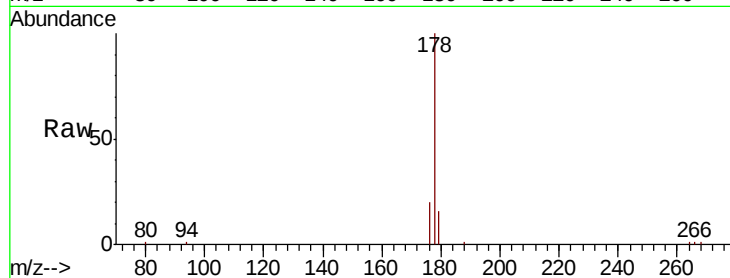
ClientSampleId :

C0AW9DL

Tot Ion:	178	Resp:	8496
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.6	20.4
176	19.5	16.1	24.1

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#13

Anthracene

Concen: 0.143 ng/ul

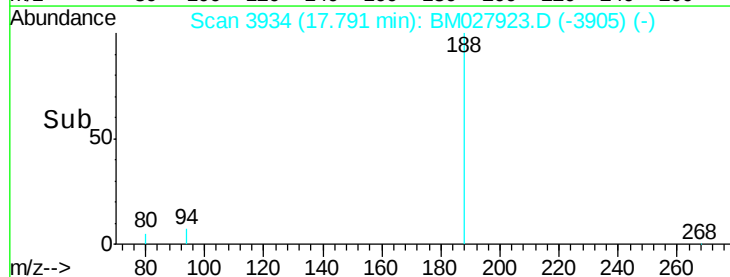
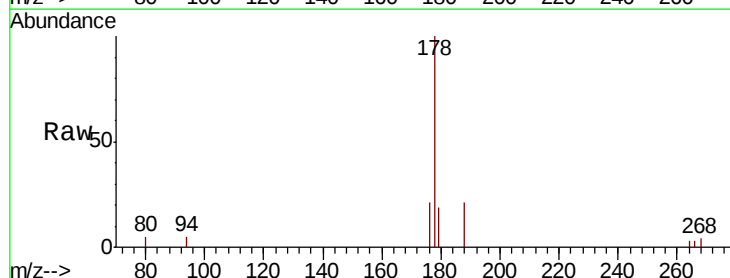
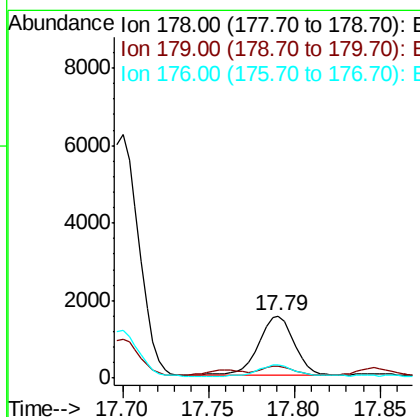
RT: 17.79 min Scan# 3934

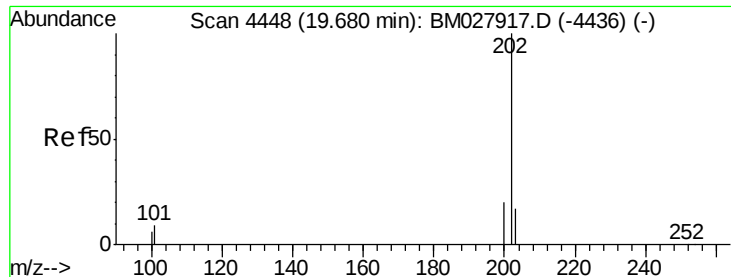
Delta R.T. 0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

Tgt Ion:	178	Resp:	2217
Ion Ratio	Lower	Upper	
178	100		
179	19.4	13.4	20.2
176	21.3	15.0	22.6





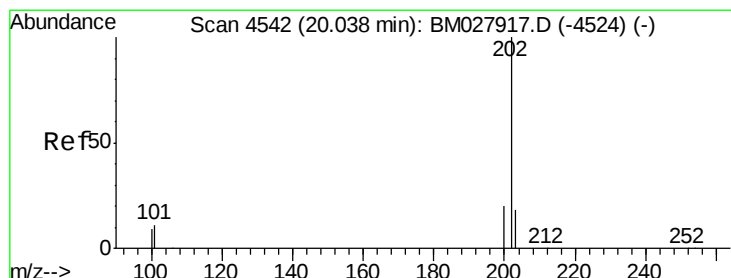
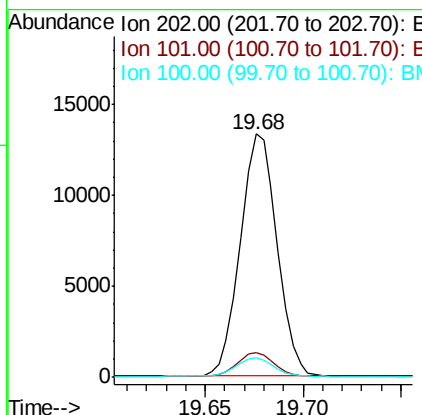
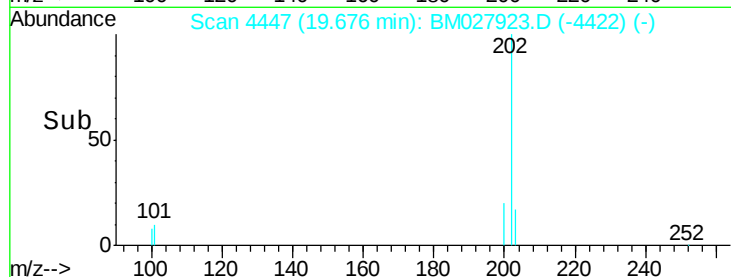
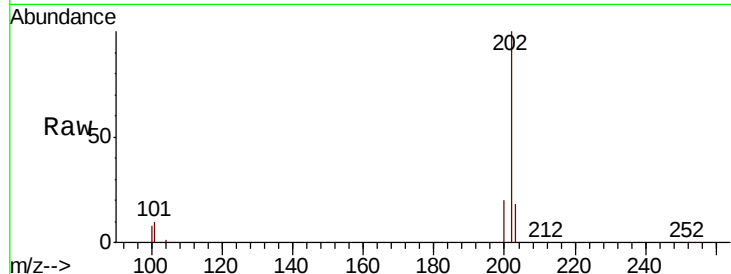
#15
Fluoranthene
Concen: 0.976 ng/ul
RT: 19.68 min Scan# 4447
Delta R.T. -0.00 min
Lab File: BM027923.D
Acq: 23 Nov 2020 21:02

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100	17389		
101	10.2	0.0	29.3	
100	8.0	0.0	27.4	

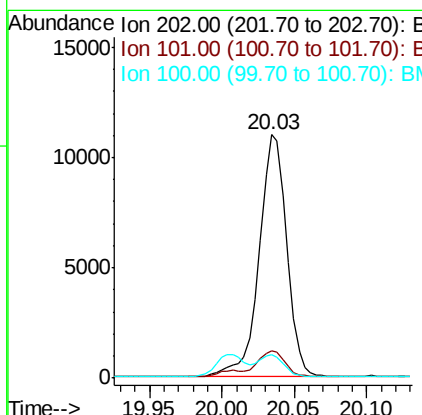
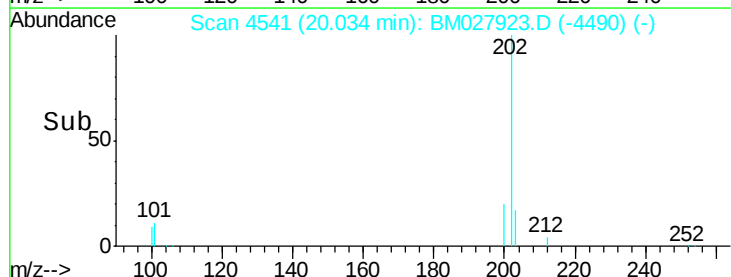
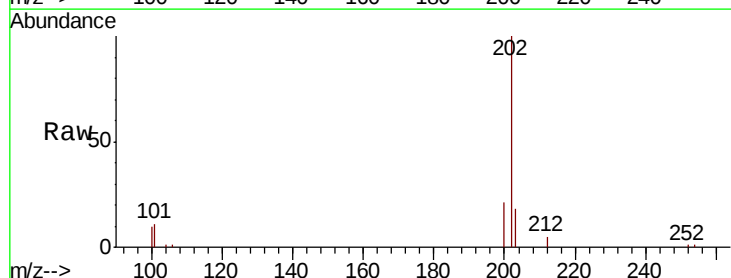
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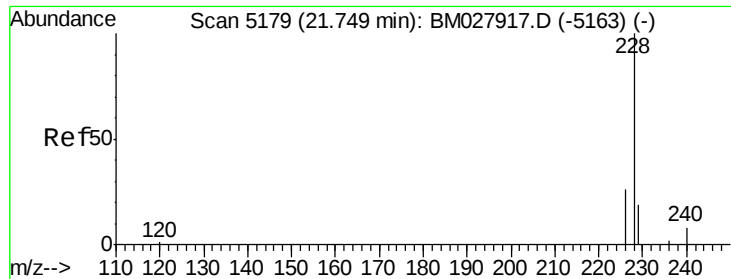
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#17
Pyrene
Concen: 0.969 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. -0.00 min
Lab File: BM027923.D
Acq: 23 Nov 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	14469		
101	11.3	8.2	12.2	
100	9.9	6.9	10.3	





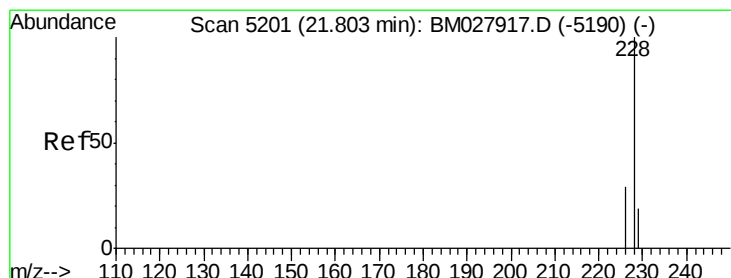
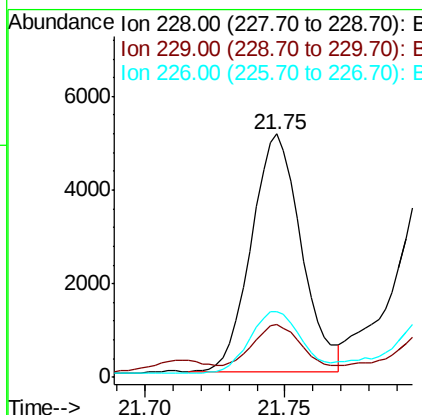
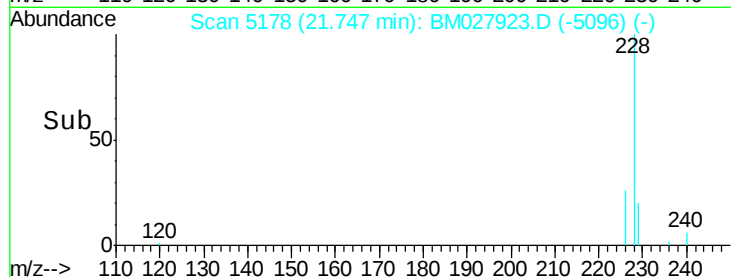
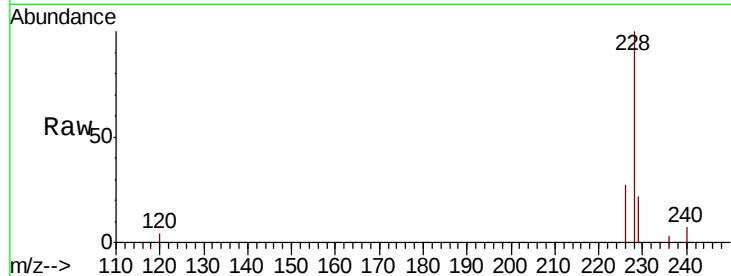
#18
Benzo(a)anthracene
Concen: 0.531 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027923.D
Acq: 23 Nov 2020 21:02

Instrument :
BNA_M
ClientSampleId :
C0AW9DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.4
226	27.2	21.5	32.3

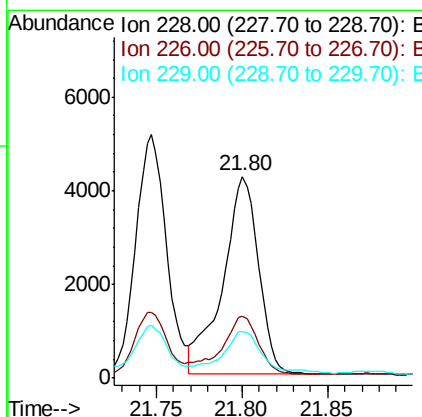
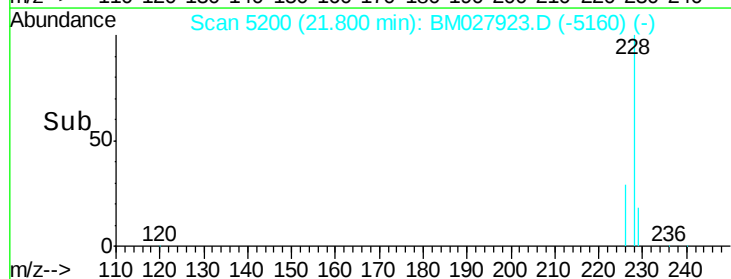
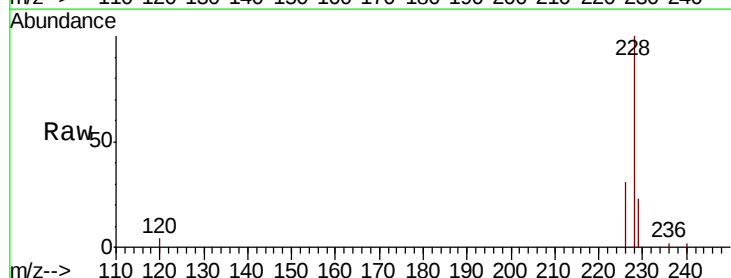
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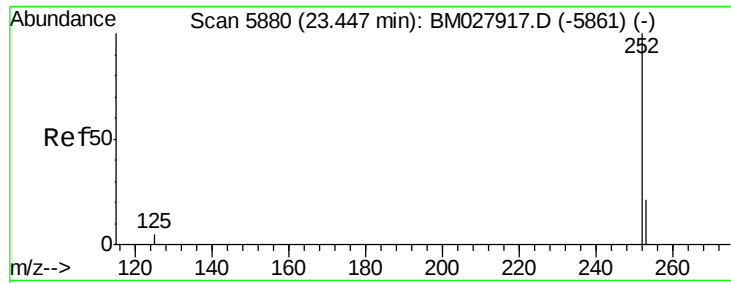
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#19
Chrysene
Concen: 0.531 ng/ul
RT: 21.80 min Scan# 5200
Delta R.T. -0.00 min
Lab File: BM027923.D
Acq: 23 Nov 2020 21:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	23.3	16.6	24.8





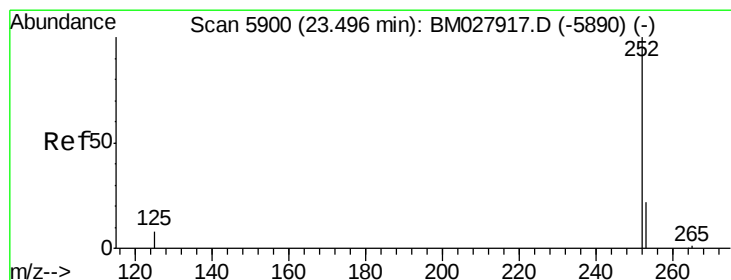
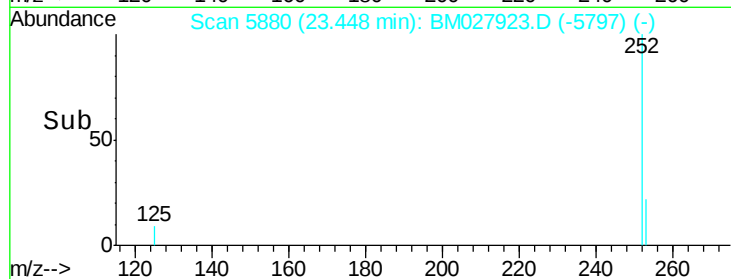
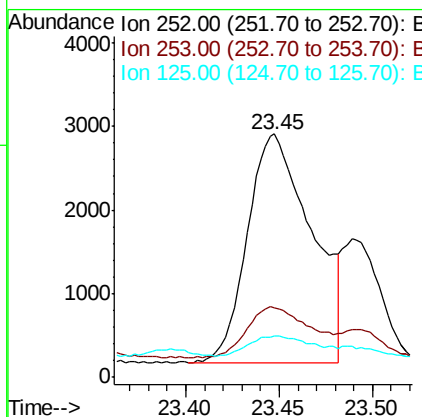
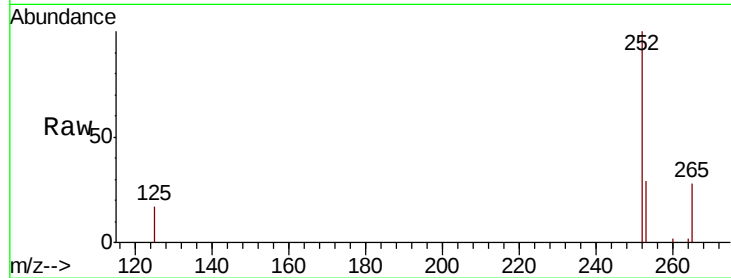
#21
Benzo(b)fluoranthene
Concen: 0.622 ng/ul m
RT: 23.45 min Scan# 5880
Delta R.T. 0.00 min
Lab File: BM027923.D
Acq: 23 Nov 2020 21:02

Instrument :
BNA_M
ClientSampleId :
C0AW9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	0.0	59.6
125	17.0	0.0	28.4

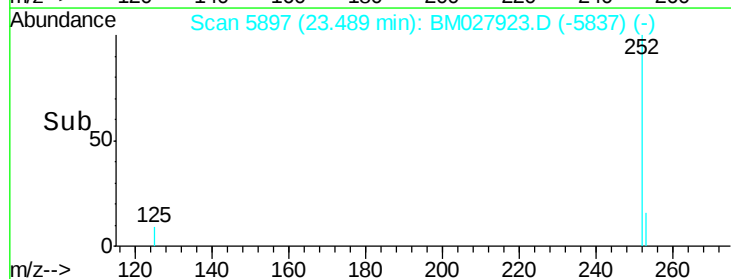
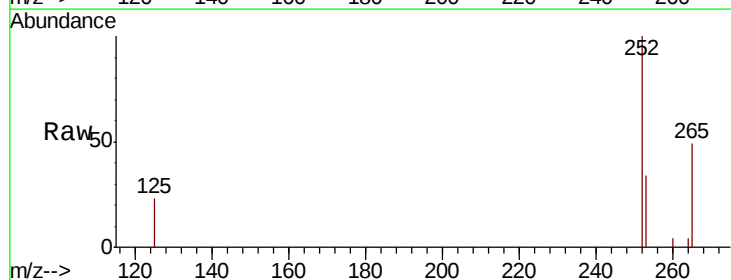
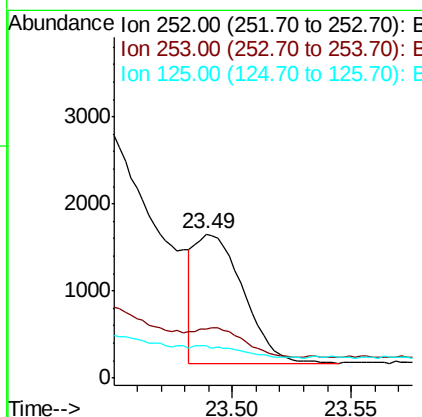
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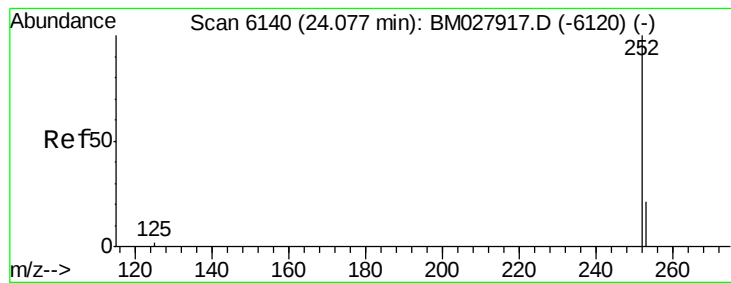
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#22
Benzo(k)fluoranthene
Concen: 0.205 ng/ul m
RT: 23.49 min Scan# 5897
Delta R.T. -0.00 min
Lab File: BM027923.D
Acq: 23 Nov 2020 21:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.4	23.2	34.8
125	22.8	11.8	17.6#





#23

Benzo(a)pyrene

Concen: 0.488 ng/ul

RT: 24.08 min Scan# 6139

Delta R.T. 0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

Instrument :

BNA_M

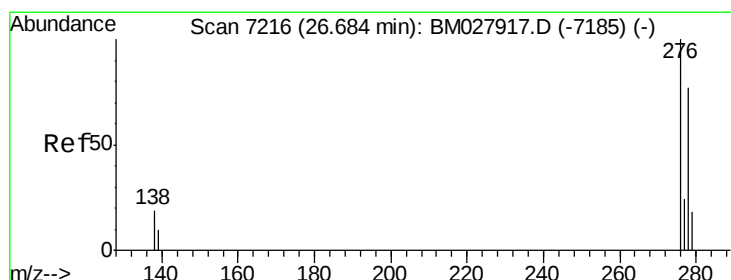
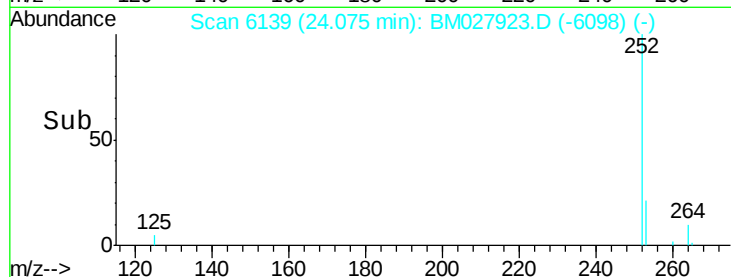
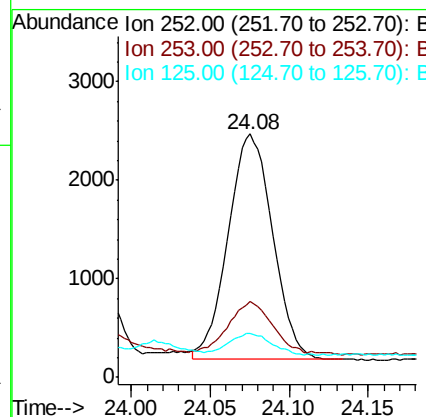
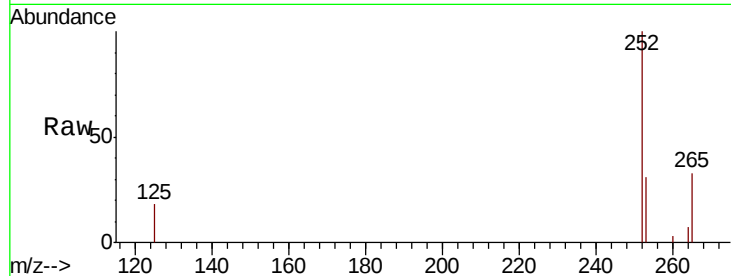
ClientSampleId :

C0AW9DL

Tot Ion:	252	Resp:	4482
Ion Ratio	Lower	Upper	
252	100		
253	31.1	25.2	37.8
125	17.9	13.8	20.6

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.272 ng/ul

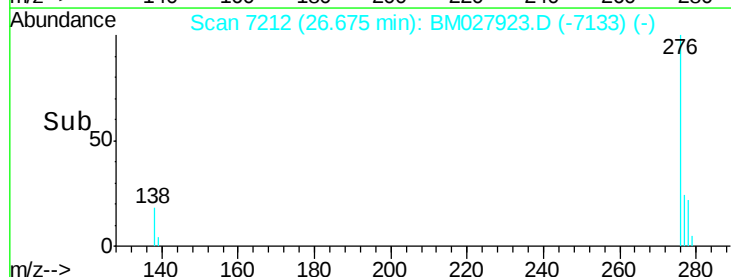
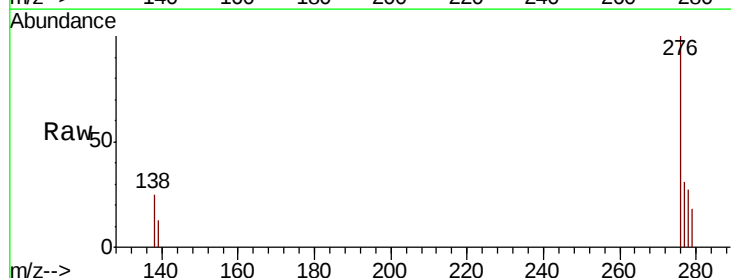
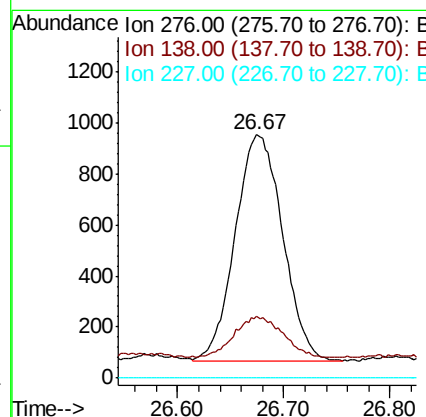
RT: 26.67 min Scan# 7212

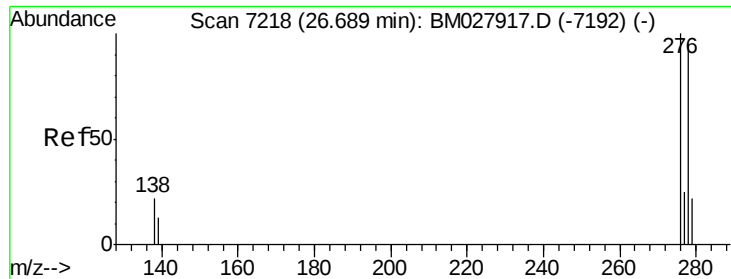
Delta R.T. -0.01 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

Tgt Ion:	276	Resp:	2703
Ion Ratio	Lower	Upper	
276	100		
138	18.6	15.7	23.5
227	0.0	0.0	0.0





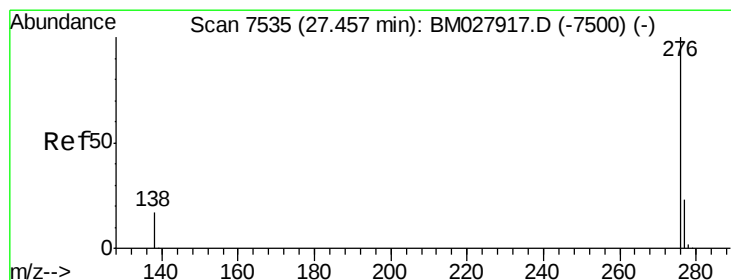
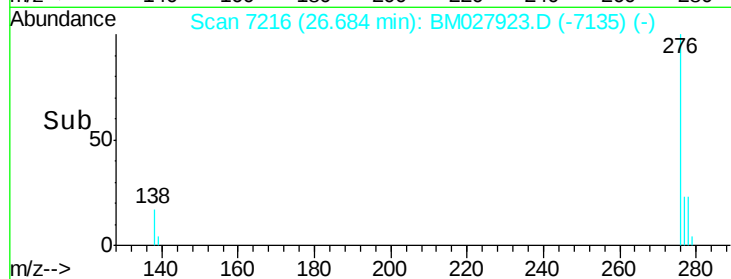
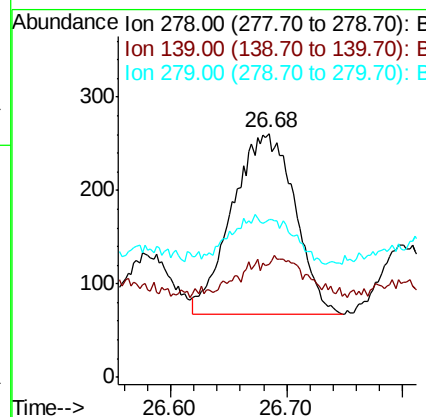
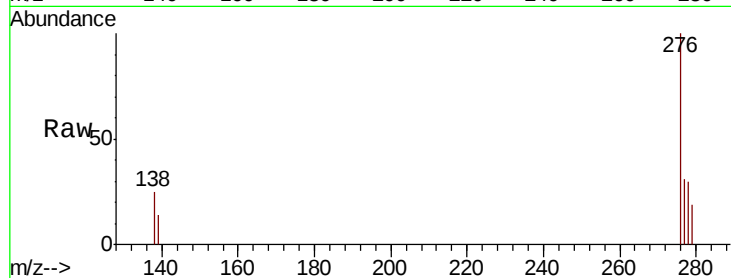
#25
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027923.D
Acq: 23 Nov 2020 21:02

Instrument :
BNA_M
ClientSampleID :
C0AW9DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	46.4	14.8	22.2#
279	64.8	25.8	38.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.303 ng/ul
RT: 27.45 min Scan# 7531
Delta R.T. -0.01 min
Lab File: BM027923.D
Acq: 23 Nov 2020 21:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	17.4	26.2
277	29.8	22.5	33.7

