

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027922.D
 Acq On : 23 Nov 2020 20:26
 Operator : JU/CG
 Sample : L4711-24DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF6DL

Manual Integrations
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Quant Time: Nov 24 01:07:24 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	1184	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4645	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2639	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4846	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2695	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2450	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	295	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	480	0.04	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	15.01	153	1125	0.117	ng/ul	99
9) Fluorene	15.98	166	1198	0.107	ng/ul#	98
12) Phenanthrene	17.70	178	21660	1.415	ng/ul	98
13) Anthracene	17.79	178	4680	0.317	ng/ul	99
15) Fluoranthene	19.68	202	31356	1.847	ng/ul	100
17) Pyrene	20.03	202	24461	1.787	ng/ul	97
18) Benzo(a)anthracene	21.75	228	10148	0.933	ng/ul	99
19) Chrysene	21.80	228	10980	1.037	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	12262m	1.191	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	4525m	0.449	ng/ul	
23) Benzo(a)pyrene	24.08	252	8100	0.900	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	26.68	276	5692	0.584	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	1444	0.178	ng/ul#	71
26) Benzo(g,h,i)perylene	27.45	276	5468	0.669	ng/ul	98

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

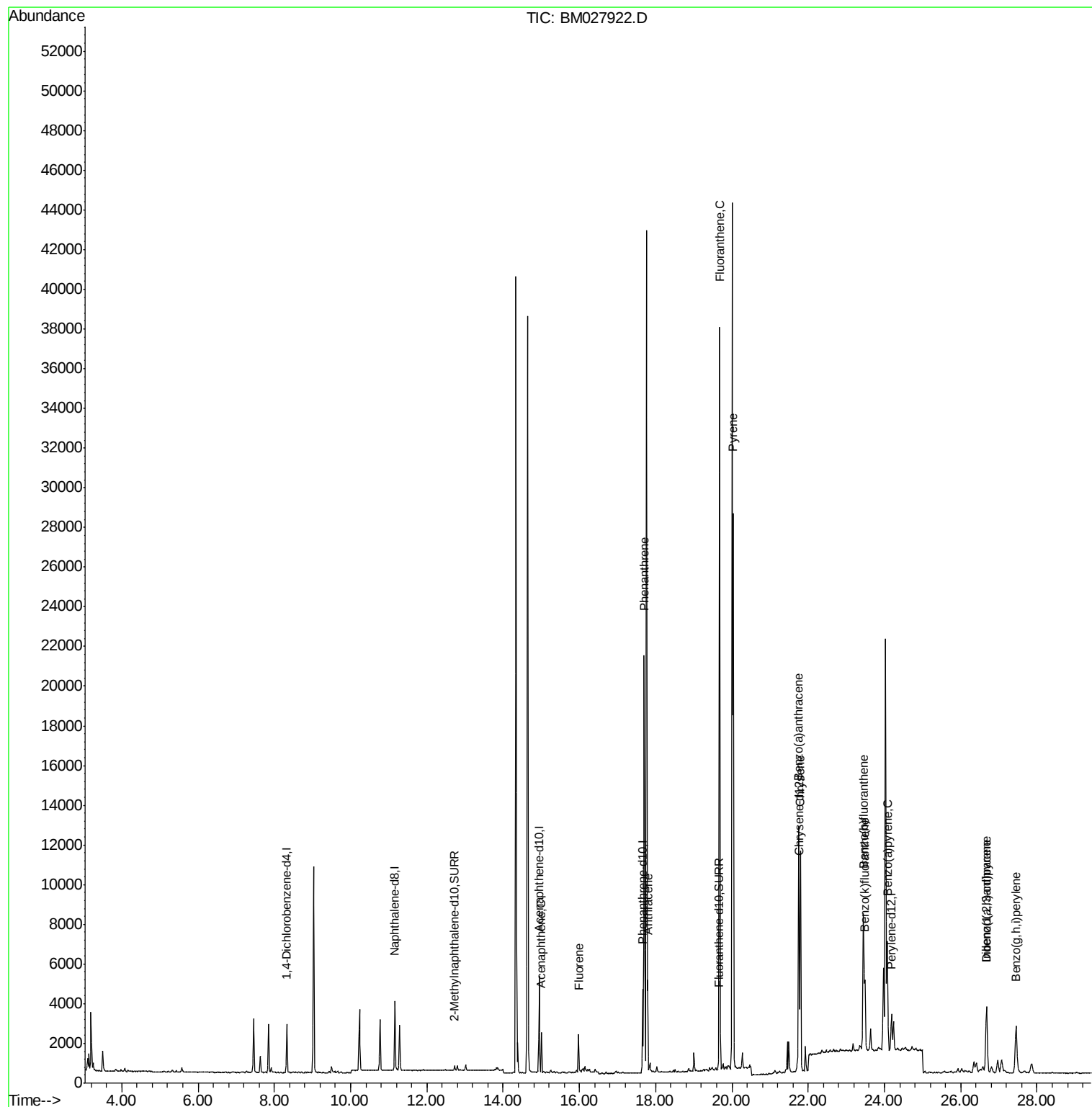
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027922.D
Acq On : 23 Nov 2020 20:26
Operator : JU/CG
Sample : L4711-24DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

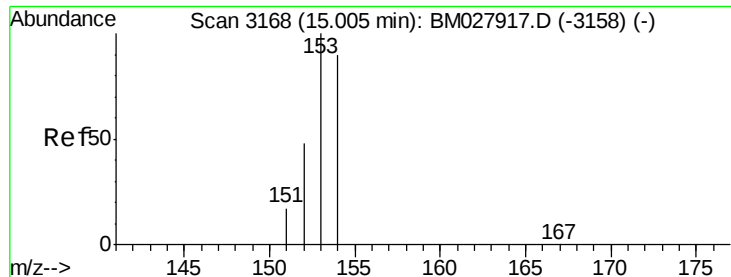
Instrument :
BNA_M
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C0BF6DL

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Quant Time: Nov 24 01:07:24 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: 0.117 ng/ul

RT: 15.01 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Instrument :

BNA_M

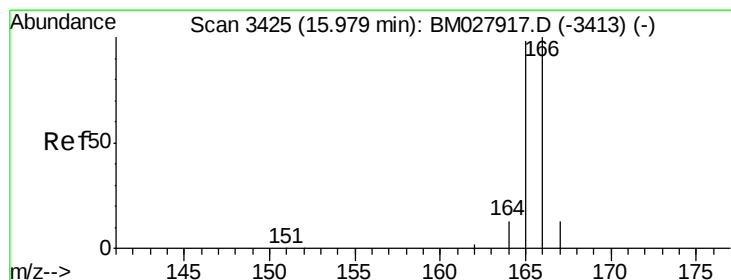
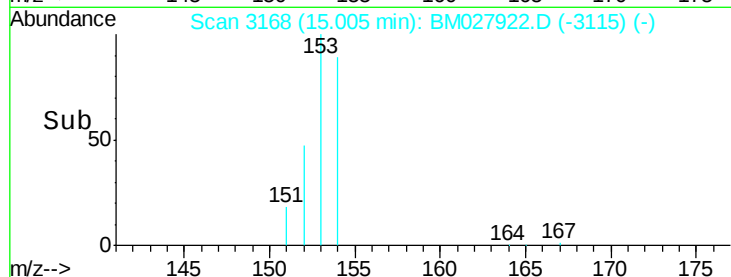
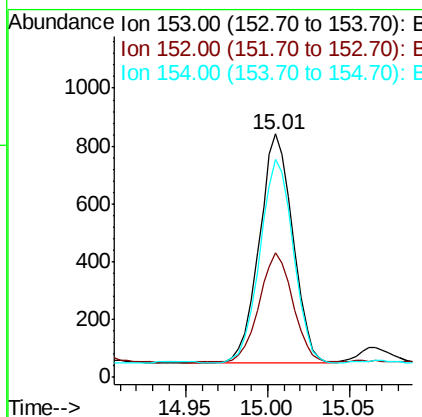
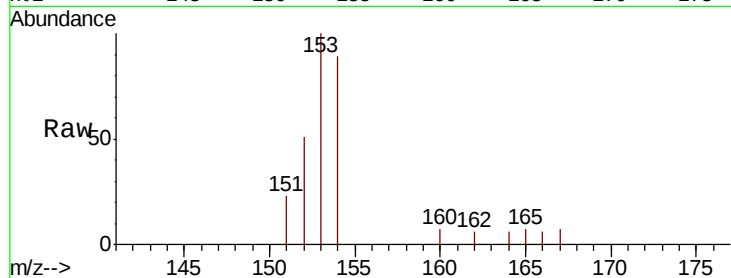
ClientSampled :

C0BF6DL

Tot Ion:	153	Resp:	1125
Ion	Ratio	Lower	Upper
153	100		
152	51.0	39.0	58.6
154	89.3	71.6	107.4

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#9

Fluorene

Concen: 0.107 ng/ul

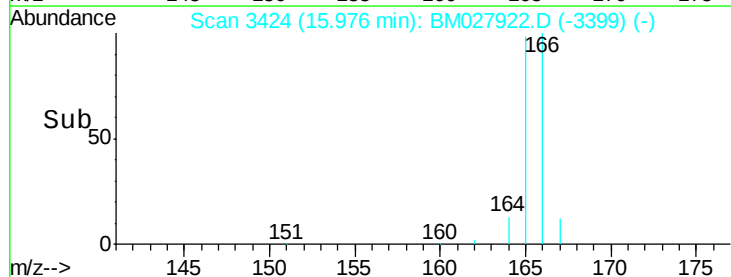
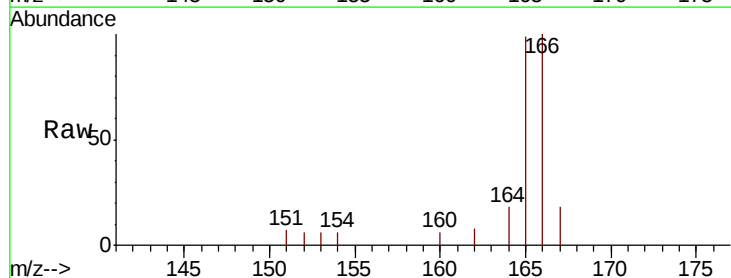
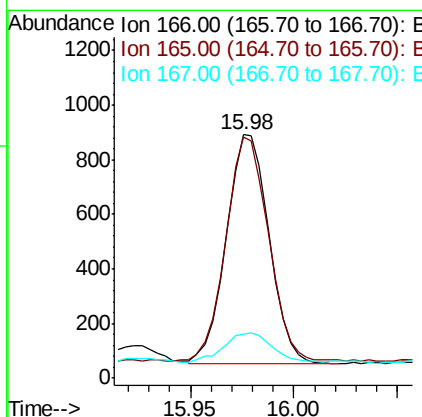
RT: 15.98 min Scan# 3424

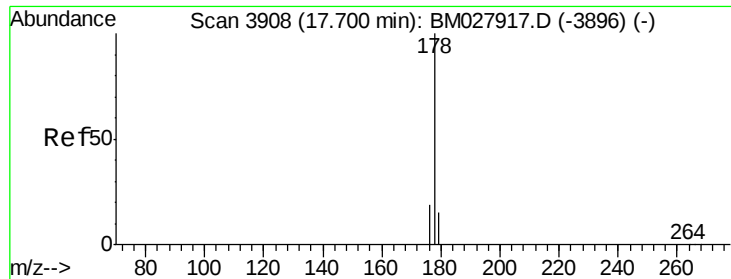
Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Tgt Ion:	166	Resp:	1198
Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.1	117.1
167	18.2	11.8	17.8





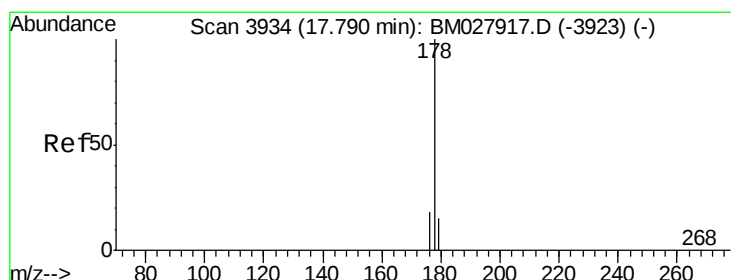
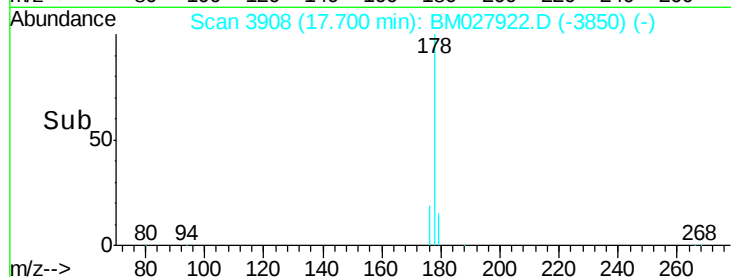
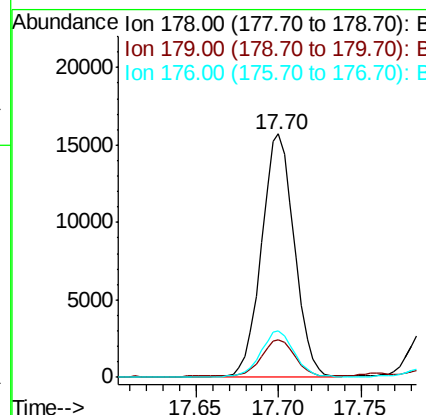
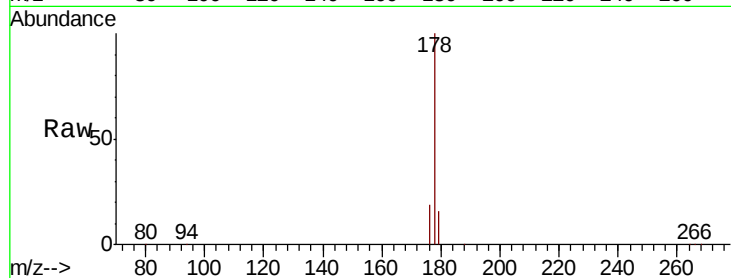
#12
Phenanthrene
Concen: 1.415 ng/ul
RT: 17.70 min Scan# 3908
Delta R.T. -0.00 min
Lab File: BM027922.D
Acq: 23 Nov 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0BF6DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.6	20.4
176	19.2	16.1	24.1

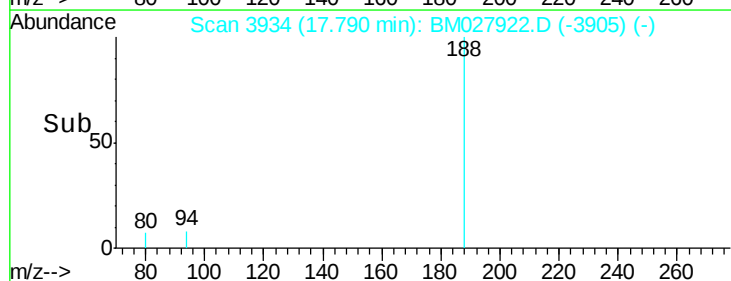
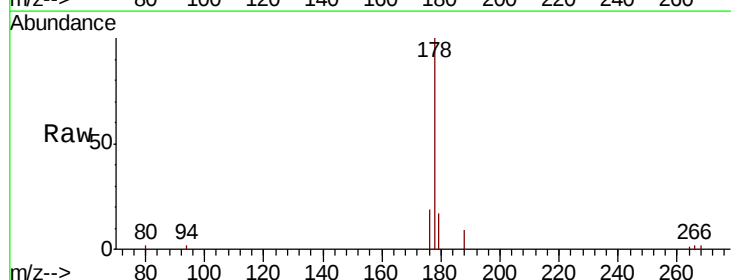
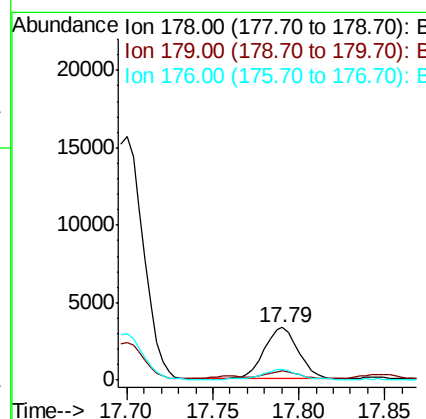
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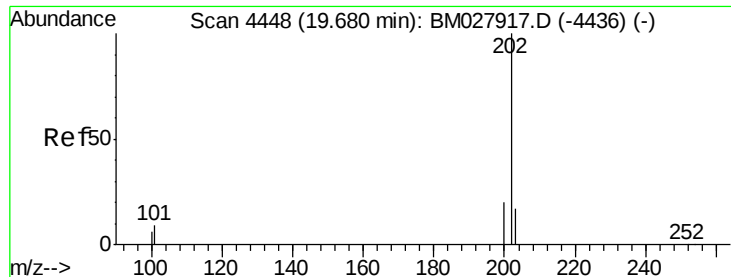
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#13
Anthracene
Concen: 0.317 ng/ul
RT: 17.79 min Scan# 3934
Delta R.T. -0.00 min
Lab File: BM027922.D
Acq: 23 Nov 2020 20:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.4	20.2
176	19.2	15.0	22.6





#15

Fluoranthene

Concen: 1.847 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Instrument :

BNA_M

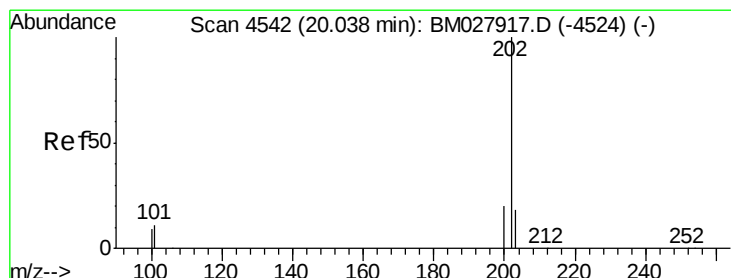
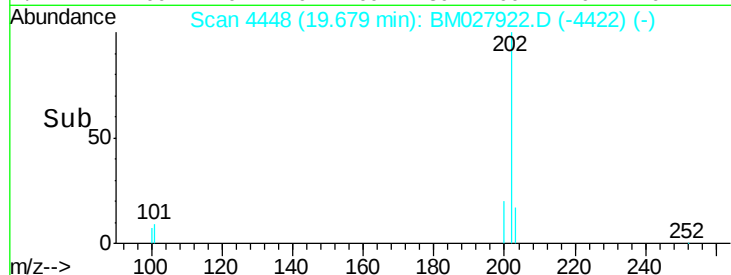
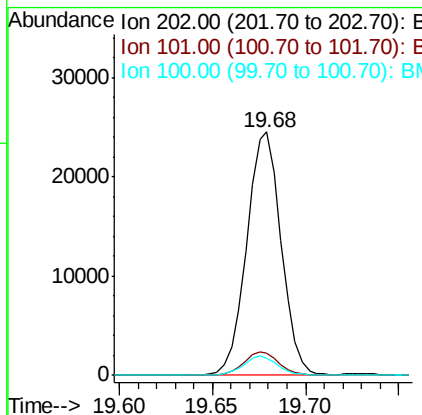
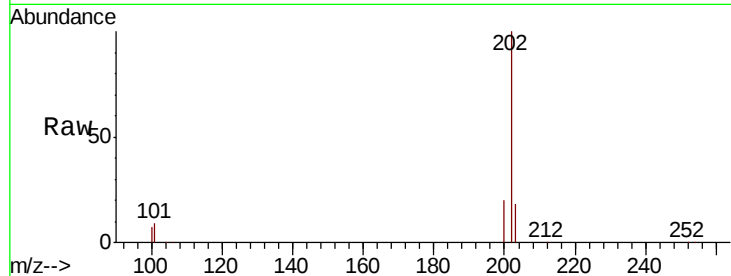
ClientSampleId :

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Tot Ion:	202	Resp:	31356
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	29.3
100	7.3	0.0	27.4

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#17

Pyrene

Concen: 1.787 ng/ul

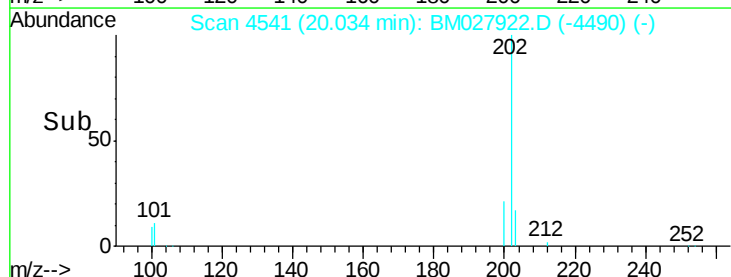
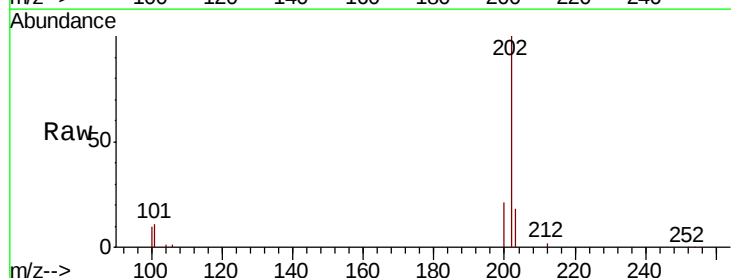
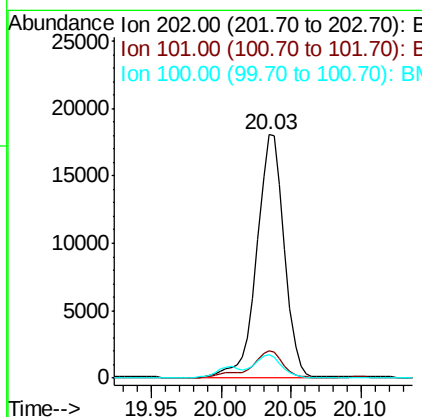
RT: 20.03 min Scan# 4541

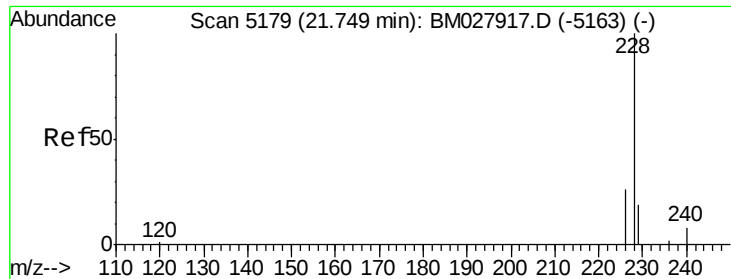
Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Tgt Ion:	202	Resp:	24461
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.2	12.2
100	9.7	6.9	10.3





#18

Benzo(a)anthracene

Concen: 0.933 ng/ul

RT: 21.75 min Scan# 5177

Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Instrument :

BNA_M

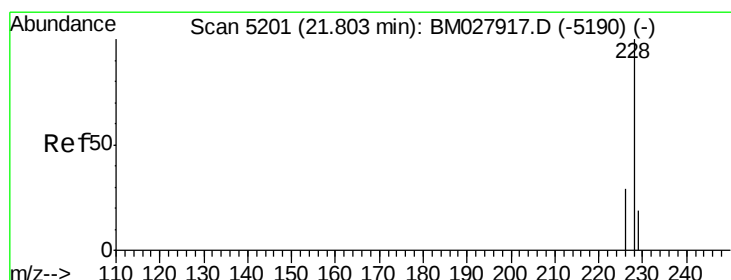
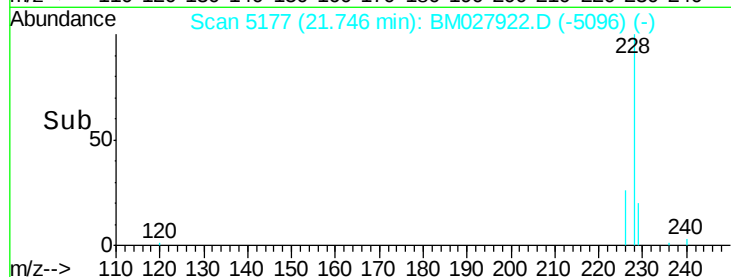
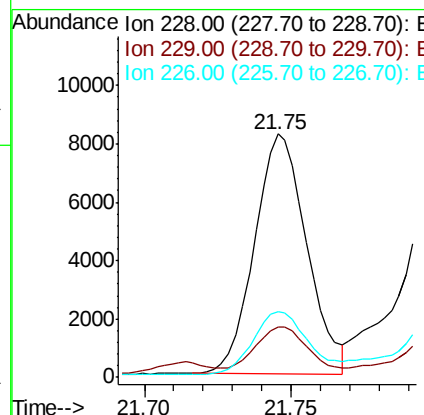
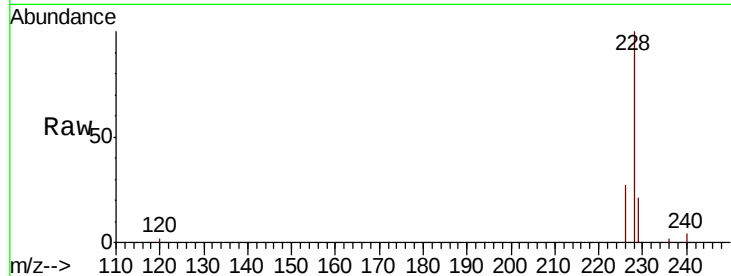
ClientSampleId :

C0BF6DL

Tot Ion:	228	Resp:	10148
Ion Ratio	Lower	Upper	
228	100		
229	20.9	16.2	24.4
226	26.9	21.5	32.3

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#19

Chrysene

Concen: 1.037 ng/ul

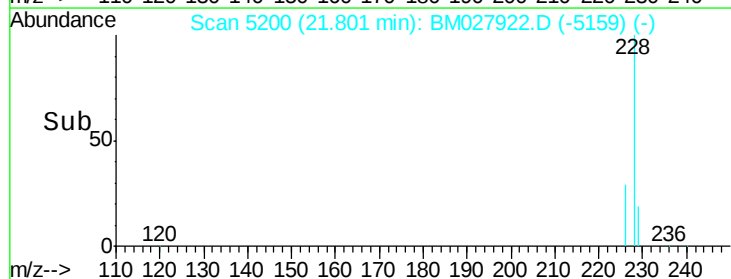
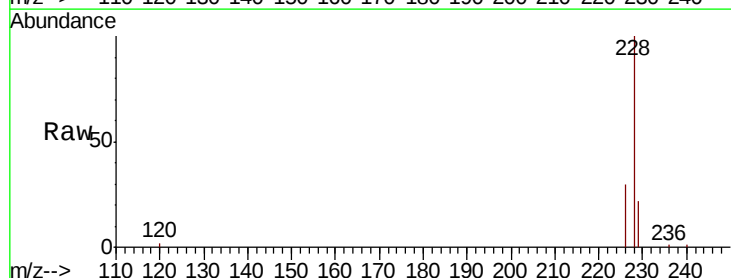
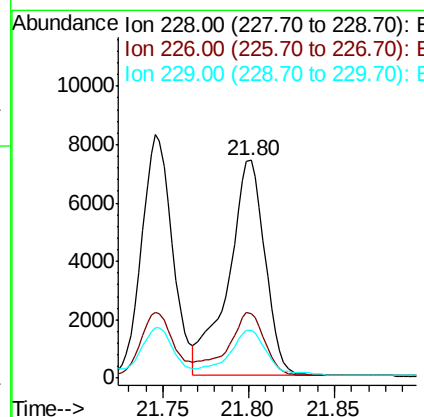
RT: 21.80 min Scan# 5200

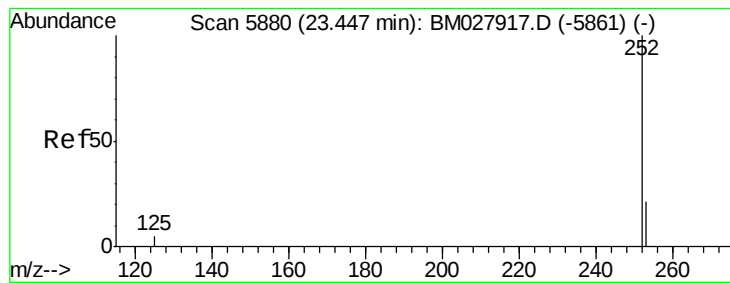
Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Tgt Ion:	228	Resp:	10980
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.1	36.1
229	22.1	16.6	24.8





#21

Benzo(b)fluoranthene

Concen: 1.191 ng/ul m

RT: 23.45 min Scan# 5879

Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Instrument :

BNA_M

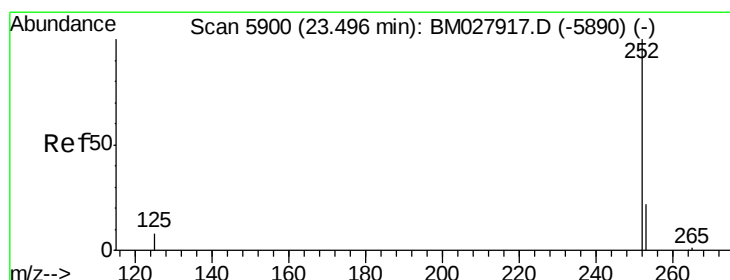
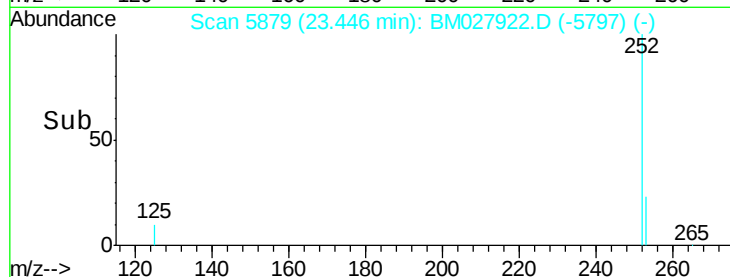
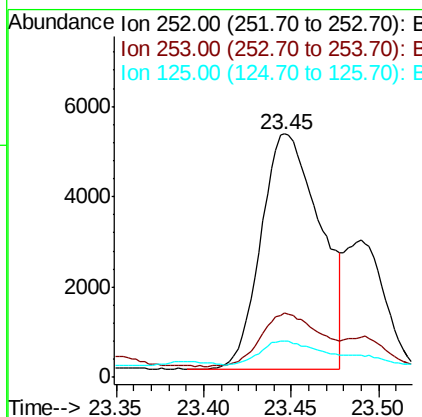
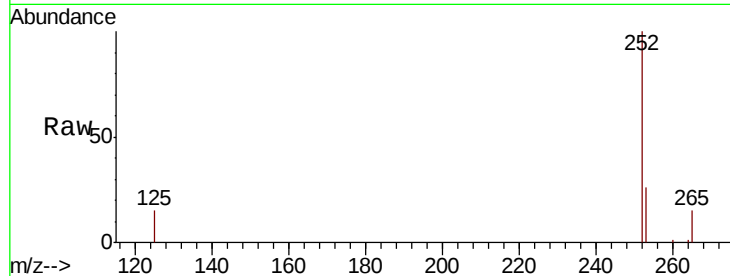
ClientSampleId :

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Tot Ion:	252	Resp:	12262
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	59.6
125	14.8	0.0	28.4

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#22

Benzo(k)fluoranthene

Concen: 0.449 ng/ul m

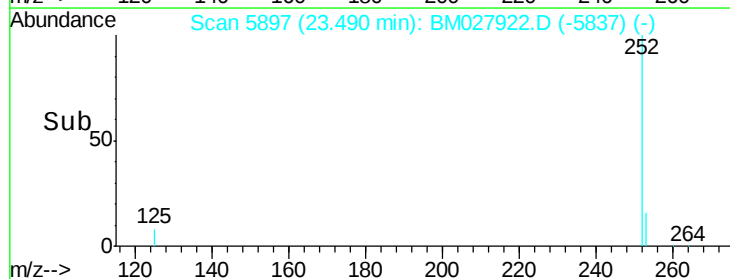
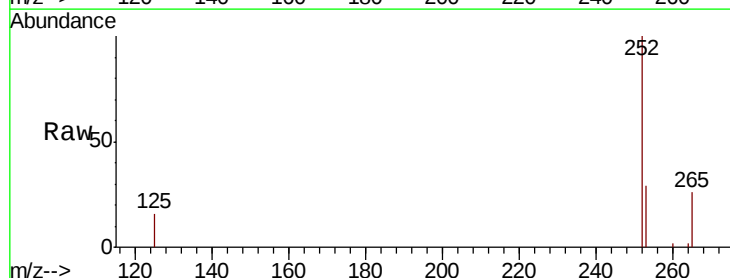
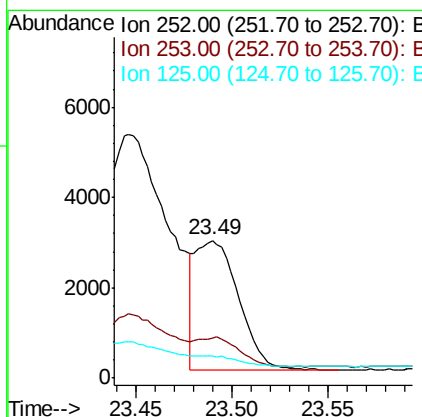
RT: 23.49 min Scan# 5897

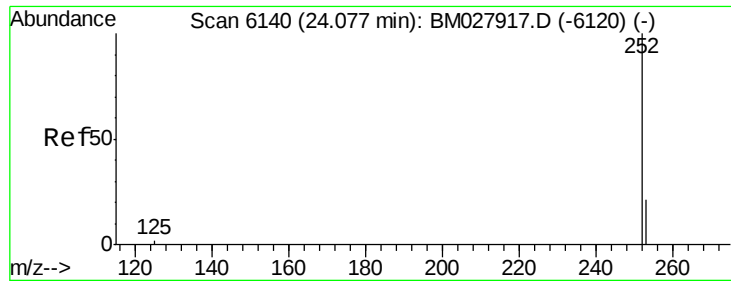
Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Tgt Ion:	252	Resp:	4525
Ion Ratio	Lower	Upper	
252	100		
253	29.1	23.2	34.8
125	16.0	11.8	17.6





#23

Benzo(a)pyrene

Concen: 0.900 ng/ul

RT: 24.08 min Scan# 6139

Delta R.T. 0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Instrument :

BNA_M

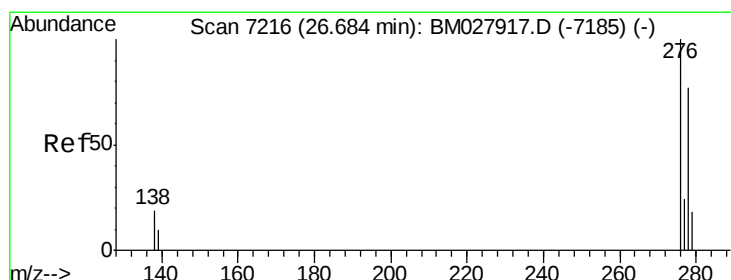
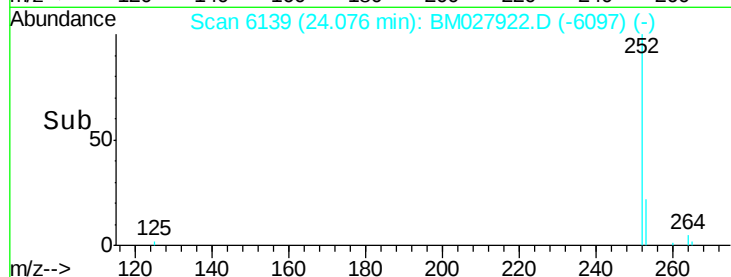
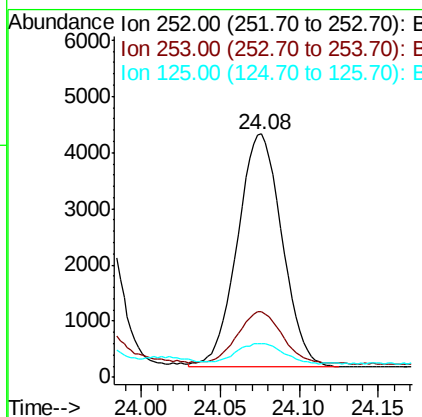
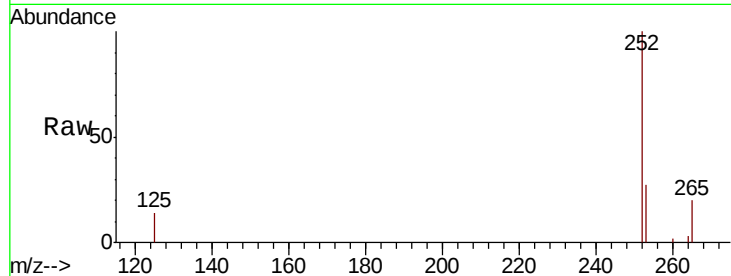
ClientSampleId :

C0BF6DL

Tot Ion:	252	Resp:	8100
Ion Ratio	Lower	Upper	
252	100		
253	26.7	25.2	37.8
125	14.1	13.8	20.6

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.584 ng/ul

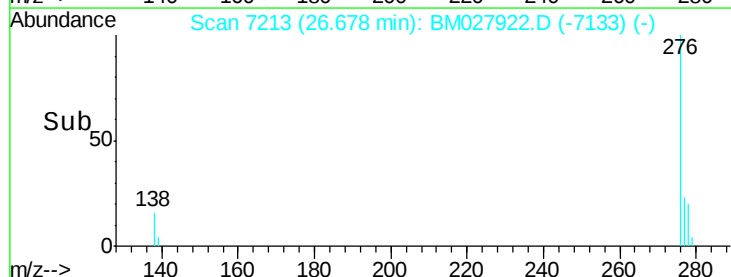
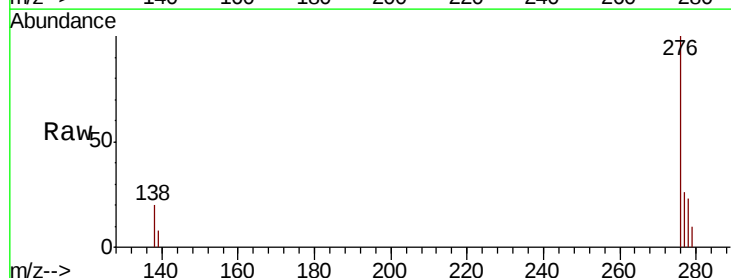
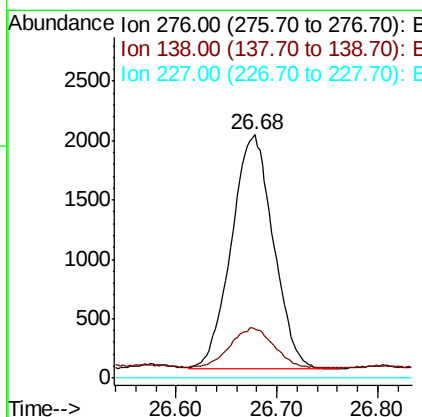
RT: 26.68 min Scan# 7213

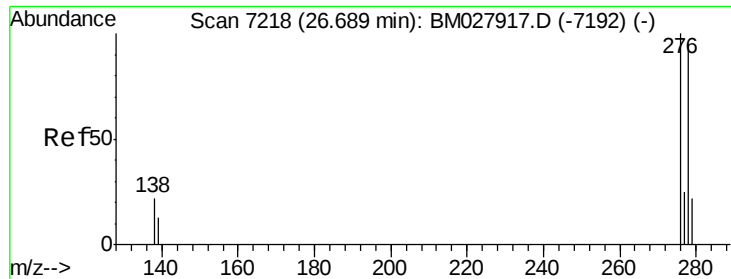
Delta R.T. -0.01 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Tgt Ion:	276	Resp:	5692
Ion Ratio	Lower	Upper	
276	100		
138	17.7	15.7	23.5
227	0.0	0.0	0.0





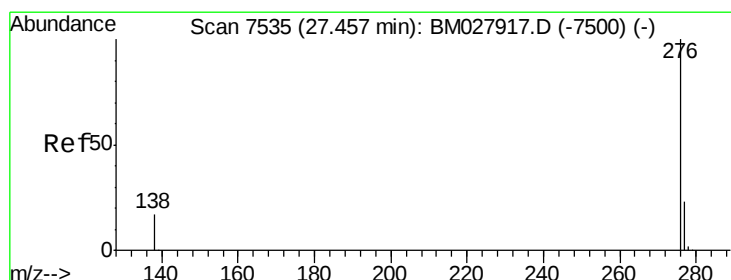
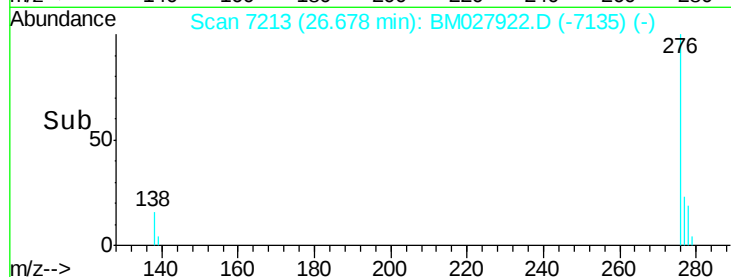
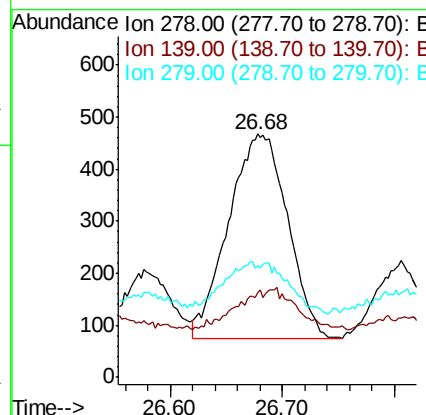
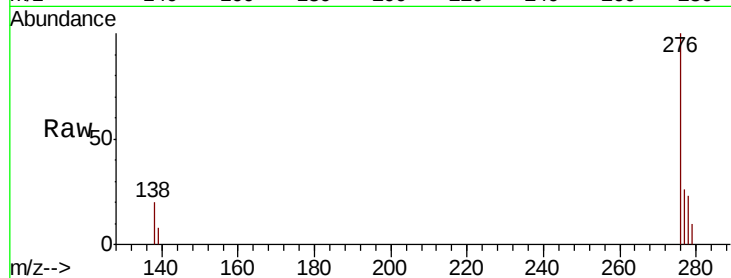
#25
Dibenzo(a,h)anthracene
Concen: 0.178 ng/u1
RT: 26.68 min Scan# 7213
Delta R.T. -0.01 min
Lab File: BM027922.D
Acq: 23 Nov 2020 20:26

Instrument :
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ClientSampleId :
C0BF6DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	34.8	14.8	22.2#
279	45.9	25.8	38.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.669 ng/u1
RT: 27.45 min Scan# 7530
Delta R.T. -0.01 min
Lab File: BM027922.D
Acq: 23 Nov 2020 20:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.4	26.2
277	26.8	22.5	33.7

