

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027915.D
 Acq On : 23 Nov 2020 16:12
 Operator : JU/CG
 Sample : L4711-18DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B01DL

Manual Integrations
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Quant Time: Nov 23 17:09:00 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 11:35:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1057	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4272	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2460	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4714	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2600	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2345	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	360	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	569	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	312	0.024	ng/ul#	59
5) 2-Methylnaphthalene	12.80	142	234	0.027	ng/ul	96
12) Phenanthrene	17.70	178	3741	0.251	ng/ul	99
13) Anthracene	17.79	178	733	0.051	ng/ul#	82
15) Fluoranthene	19.68	202	7762	0.470	ng/ul	97
17) Pyrene	20.04	202	6470	0.490	ng/ul	97
18) Benzo(a)anthracene	21.75	228	2740	0.261	ng/ul	94
19) Chrysene	21.80	228	3086	0.302	ng/ul	93
21) Benzo(b)fluoranthene	23.45	252	3630m	0.368	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	1453m	0.151	ng/ul	
23) Benzo(a)pyrene	24.08	252	2342	0.272	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.68	276	1637	0.175	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.69	278	434	0.056	ng/ul#	3
26) Benzo(g,h,i)perylene	27.45	276	1556	0.199	ng/ul#	84

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

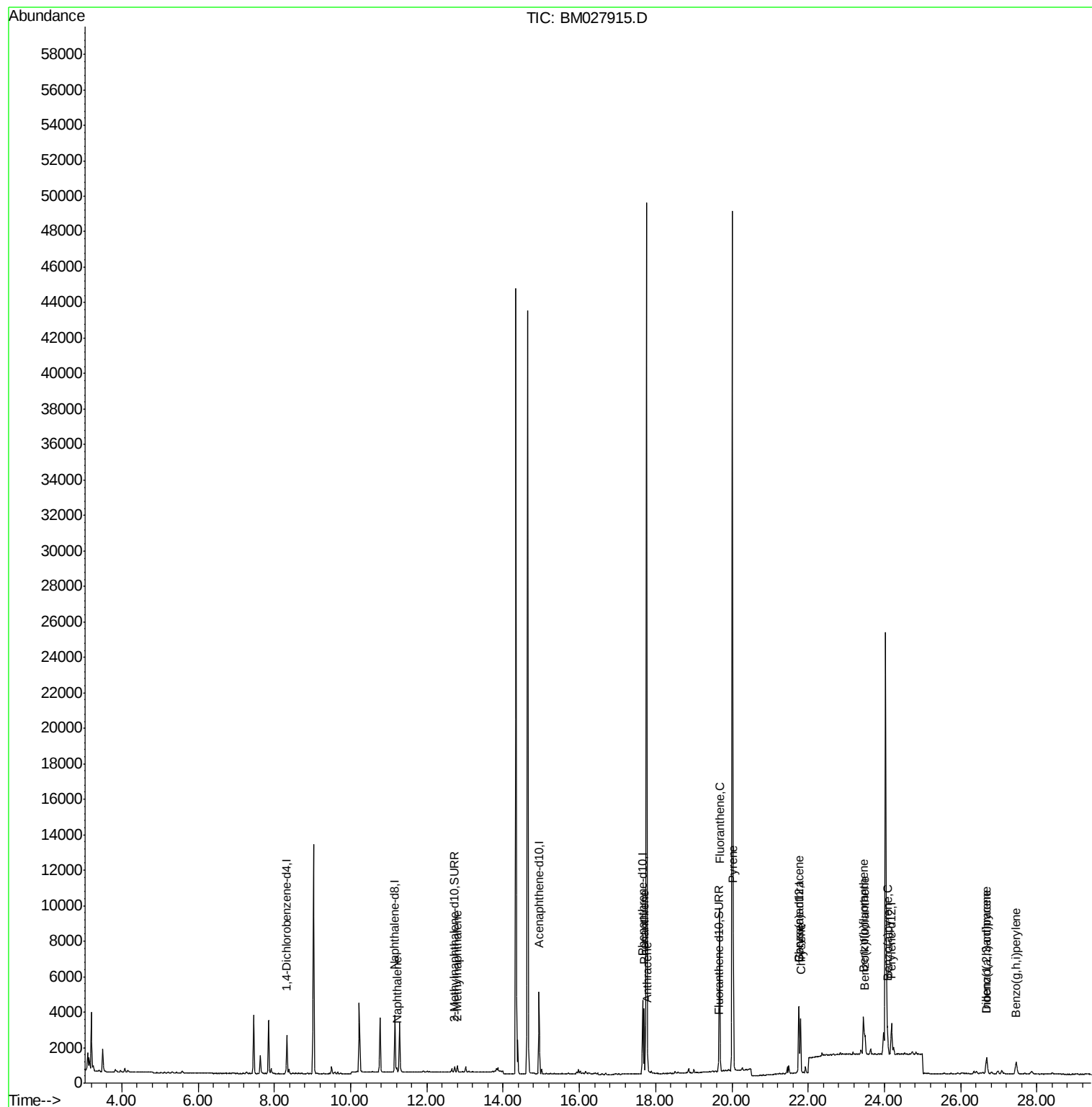
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027915.D
Acq On : 23 Nov 2020 16:12
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ALS Vial : 12 Sample Multiplier: 1

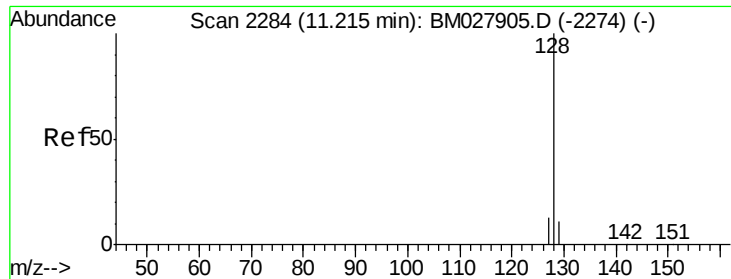
Instrument :
BNA_M
ClientSampleId :
C0B01DL

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Quant Time: Nov 23 17:09:00 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 11:35:49 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.024 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BM027915.D

Acq: 23 Nov 2020 16:12

Instrument :

BNA_M

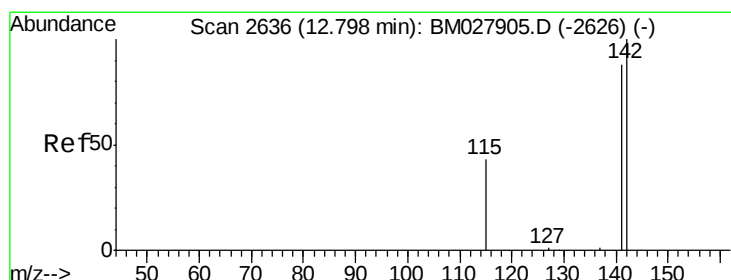
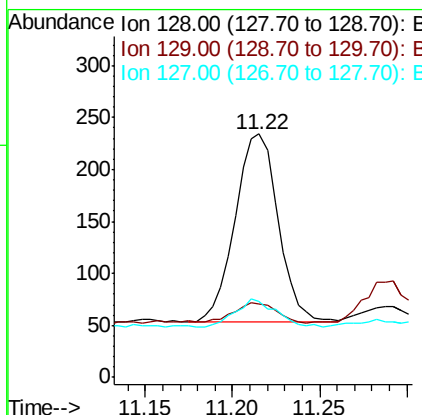
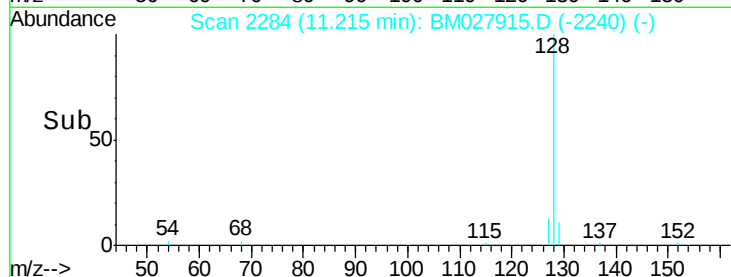
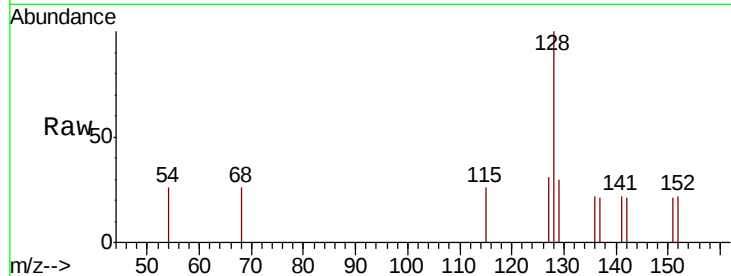
ClientSampleId :

C0B01DL

Tot Ion:	128	Resp:	312
Ion Ratio	Lower	Upper	
128	100		
129	30.3	10.4	15.6#
127	31.2	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

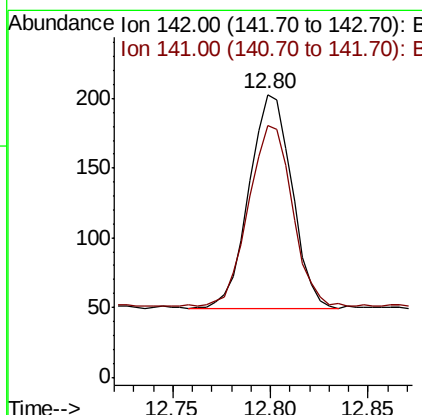
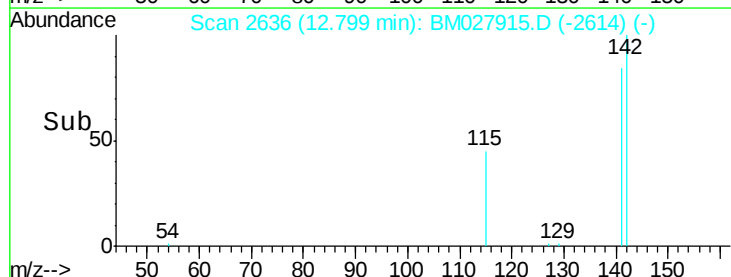
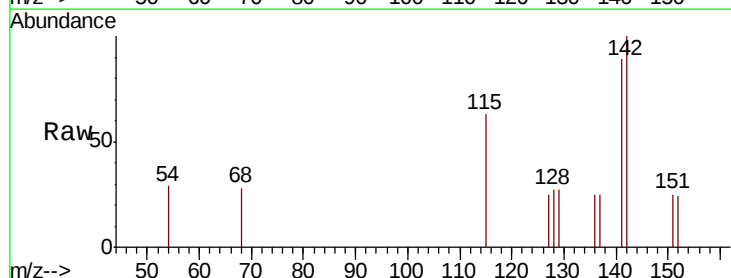
RT: 12.80 min Scan# 2636

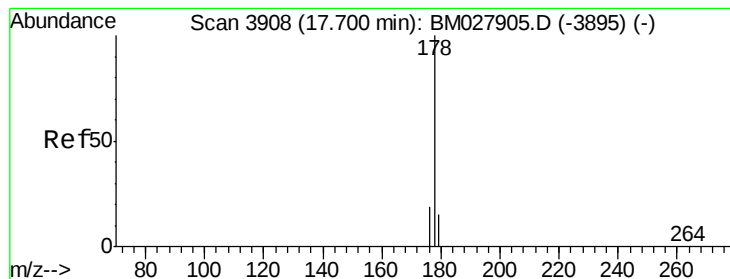
Delta R.T. 0.00 min

Lab File: BM027915.D

Acq: 23 Nov 2020 16:12

Tgt Ion:	142	Resp:	234
Ion Ratio	Lower	Upper	
142	100		
141	85.9	71.6	107.4





#12

Phenanthrene

Concen: 0.251 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BM027915.D

Acq: 23 Nov 2020 16:12

Instrument :

BNA_M

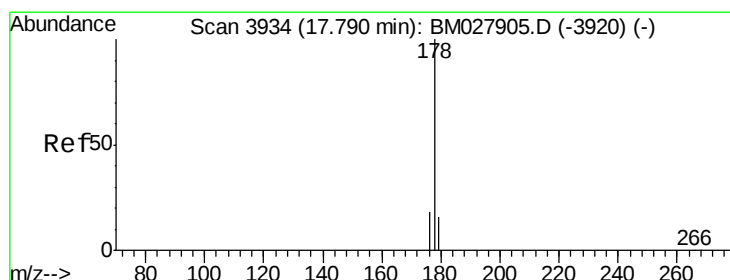
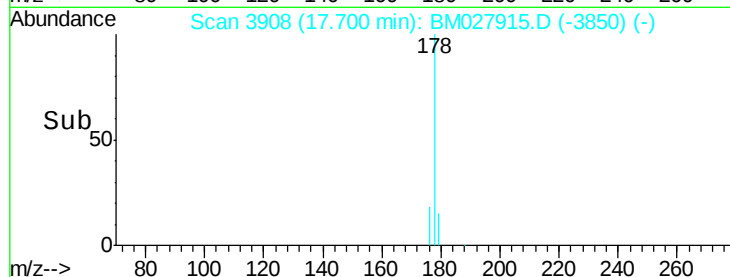
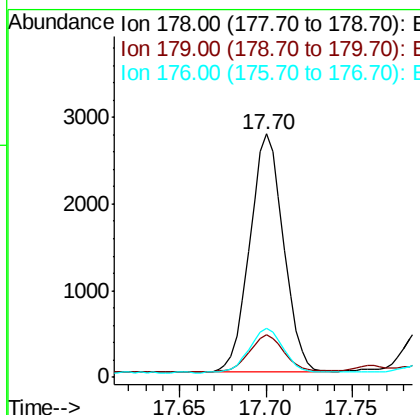
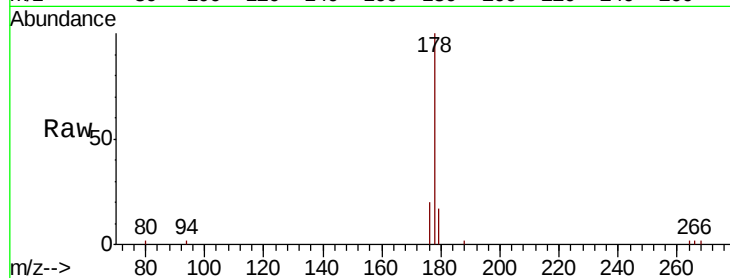
ClientSampleId :

C0B01DL

Tot Ion:	178	Resp:	3741
Ion Ratio	Lower	Upper	
178	100		
179	17.5	13.6	20.4
176	20.0	16.1	24.1

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#13

Anthracene

Concen: 0.051 ng/ul

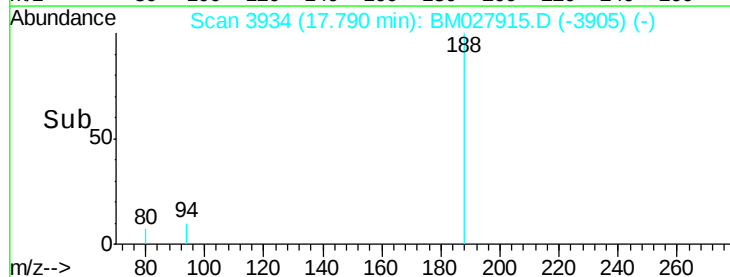
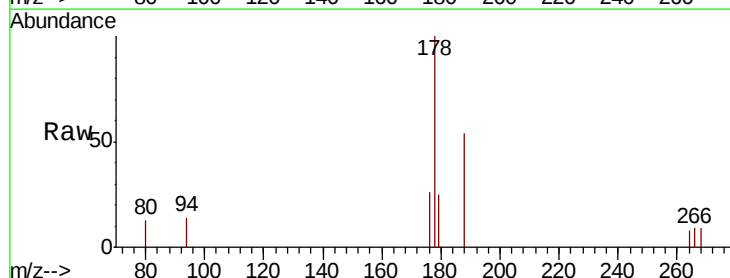
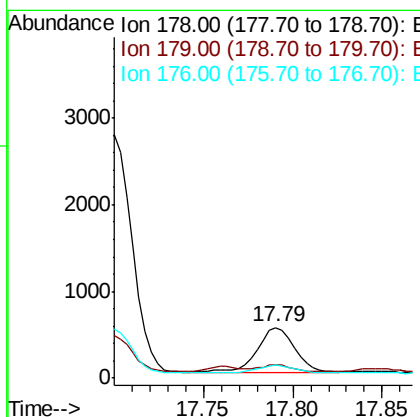
RT: 17.79 min Scan# 3934

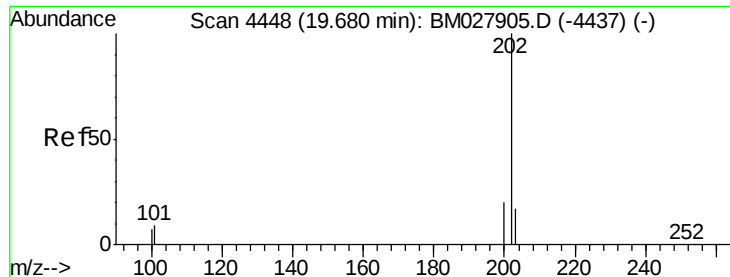
Delta R.T. 0.00 min

Lab File: BM027915.D

Acq: 23 Nov 2020 16:12

Tgt Ion:	178	Resp:	733
Ion Ratio	Lower	Upper	
178	100		
179	25.2	13.4	20.2#
176	25.9	15.0	22.6#





#15

Fluoranthene

Concen: 0.470 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. -0.00 min

Lab File: BM027915.D

Acq: 23 Nov 2020 16:12

Instrument :

BNA_M

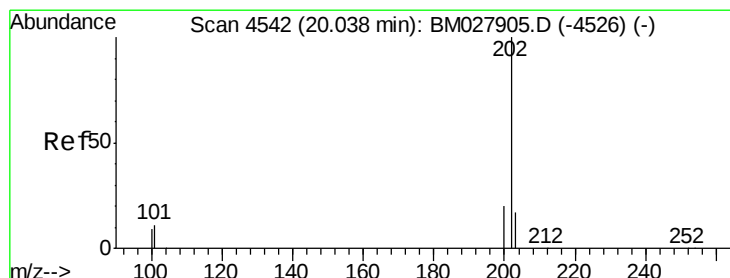
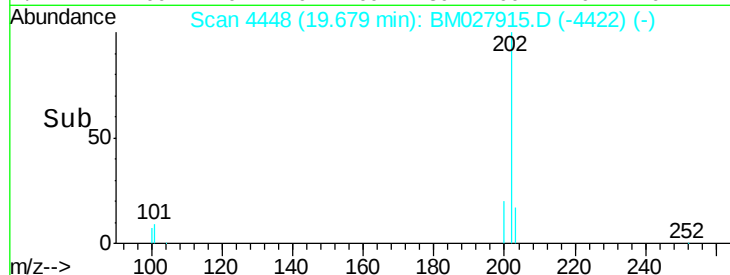
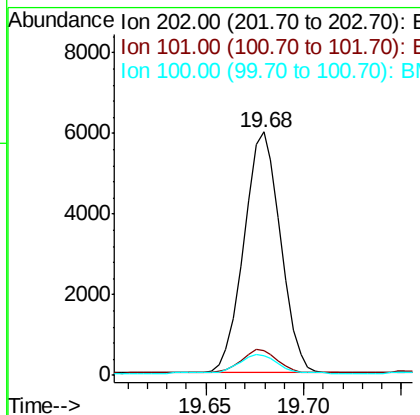
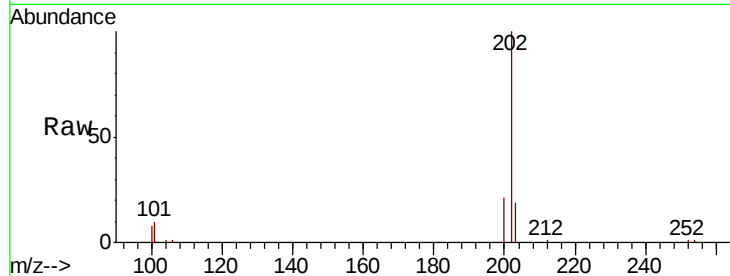
ClientSampleId :

C0B01DL

Tot Ion:202	Resp:	7762
Ion Ratio	Lower	Upper
202 100		
101 10.4	0.0	29.3
100 8.1	0.0	27.4

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#17

Pyrene

Concen: 0.490 ng/ul

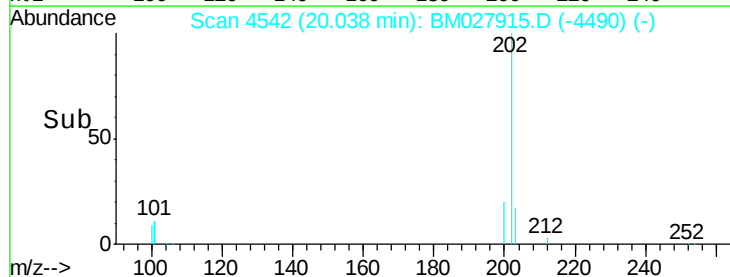
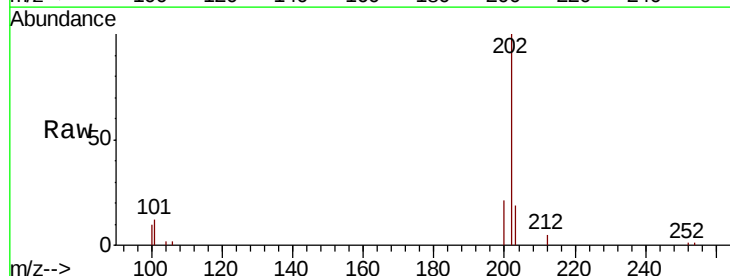
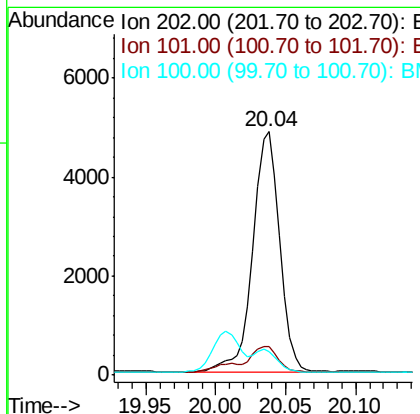
RT: 20.04 min Scan# 4542

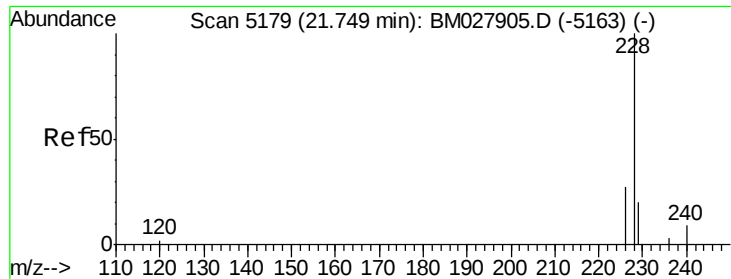
Delta R.T. -0.00 min

Lab File: BM027915.D

Acq: 23 Nov 2020 16:12

Tgt Ion:202	Resp:	6470
Ion Ratio	Lower	Upper
202 100		
101 11.6	8.2	12.2
100 9.5	6.9	10.3





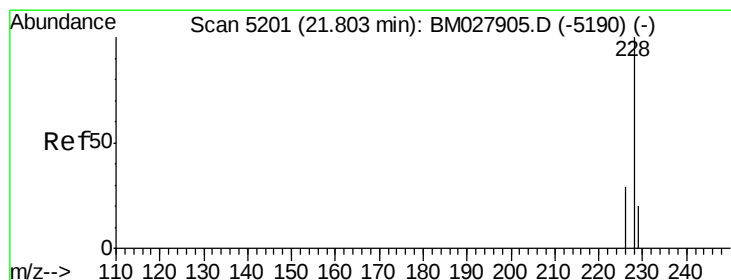
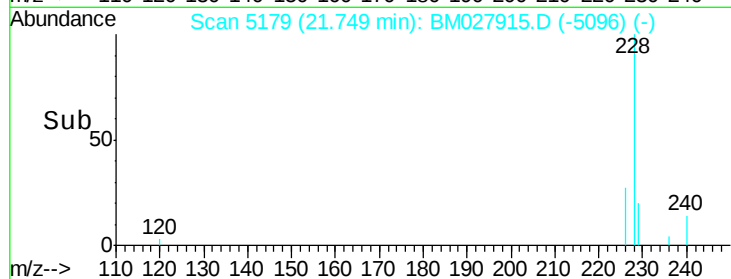
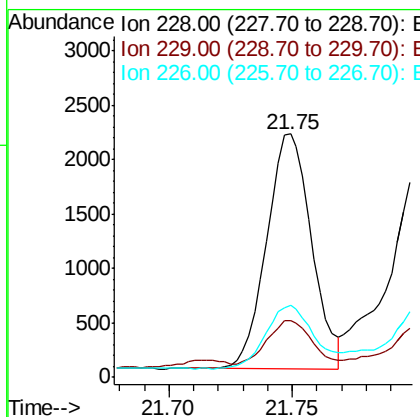
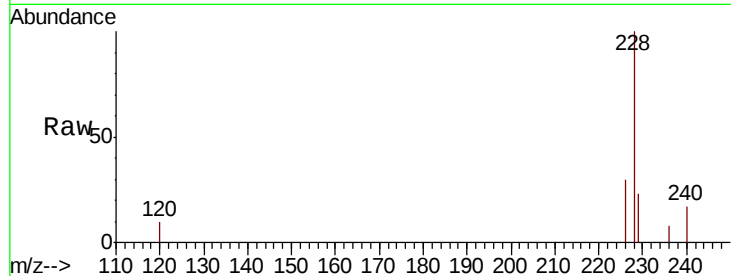
#18
Benzo(a)anthracene
Concen: 0.261 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BM027915.D
Acq: 23 Nov 2020 16:12

Instrument :
BNA_M
ClientSampleId :
C0B01DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.3	16.2	24.4
226	29.8	21.5	32.3

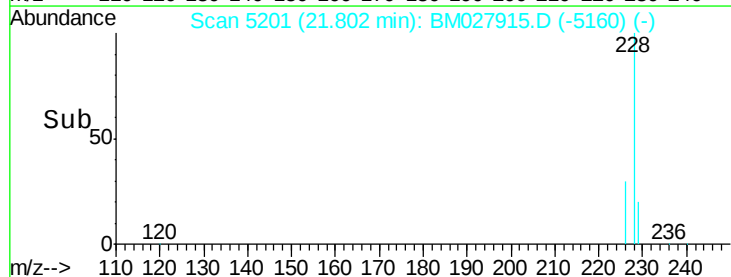
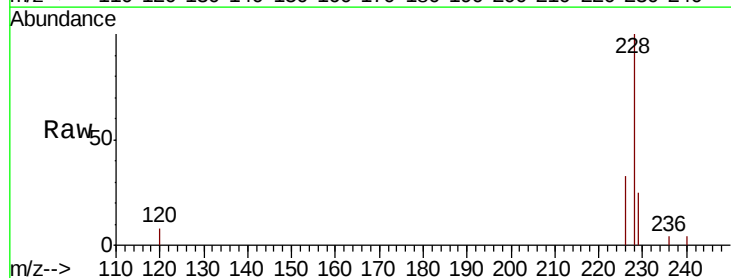
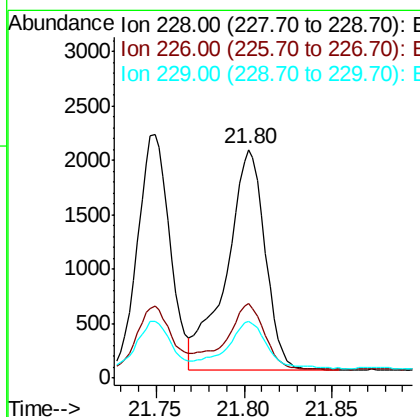
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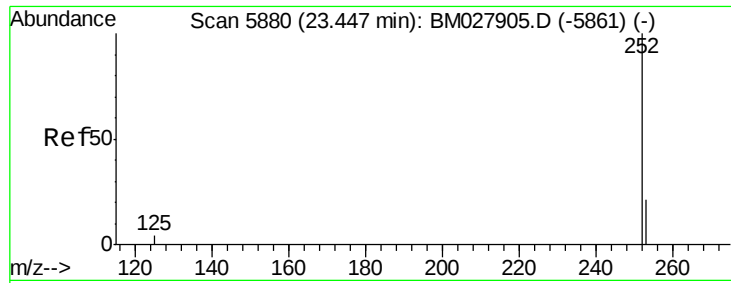
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#19
Chrysene
Concen: 0.302 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BM027915.D
Acq: 23 Nov 2020 16:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.1	36.1
229	24.8	16.6	24.8





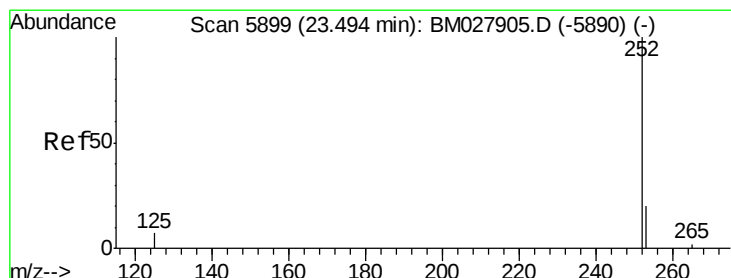
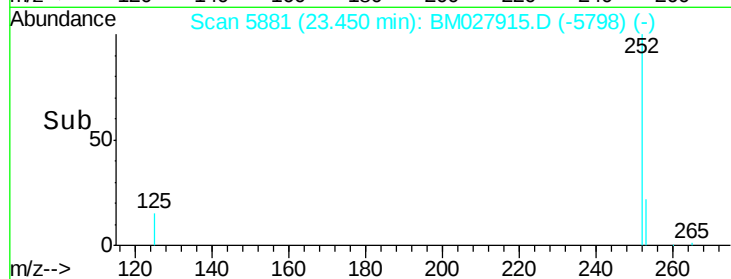
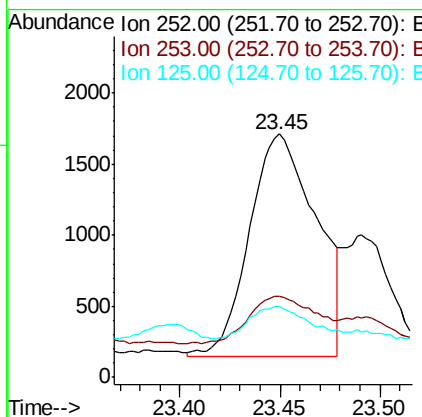
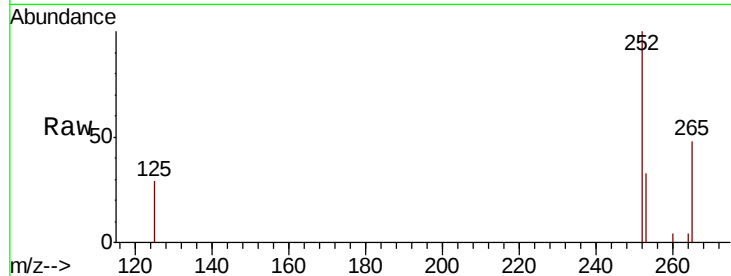
#21
Benzo(b)fluoranthene
Concen: 0.368 ng/ul m
RT: 23.45 min Scan# 5881
Delta R.T. 0.00 min
Lab File: BM027915.D
Acq: 23 Nov 2020 16:12

Instrument :
BNA_M
ClientSampleId :
C0B01DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.5	0.0	59.6
125	29.1	0.0	28.4

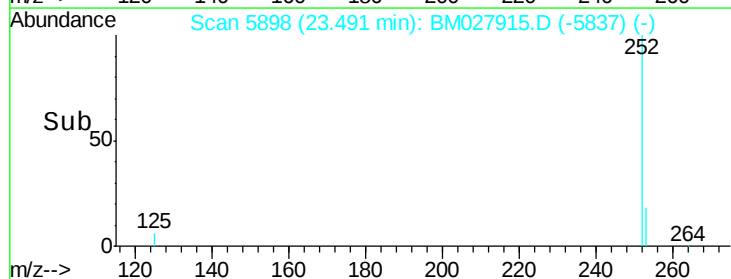
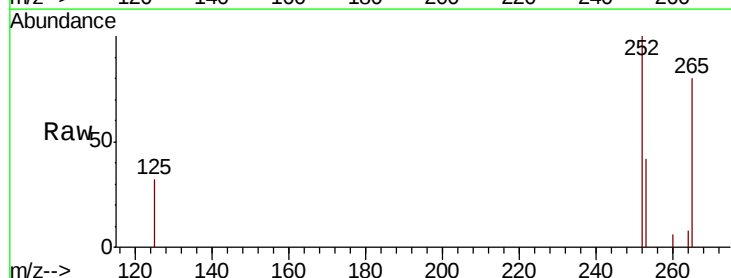
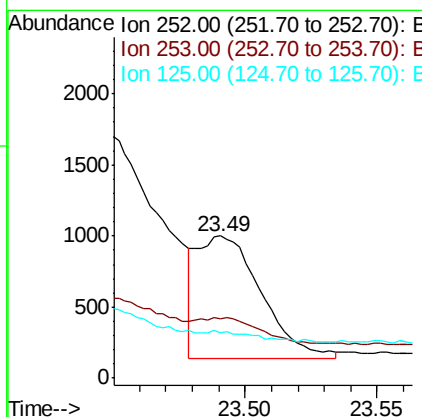
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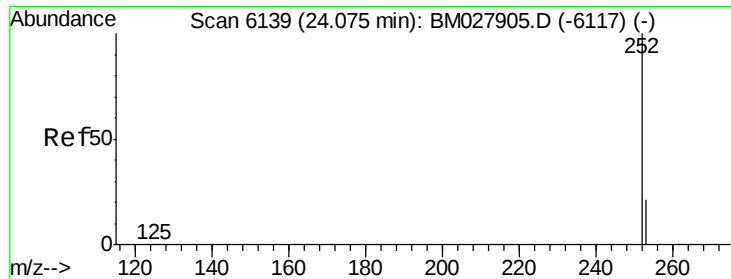
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#22
Benzo(k)fluoranthene
Concen: 0.151 ng/ul m
RT: 23.49 min Scan# 5898
Delta R.T. -0.00 min
Lab File: BM027915.D
Acq: 23 Nov 2020 16:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.0	23.2	34.8
125	32.0	11.8	17.6





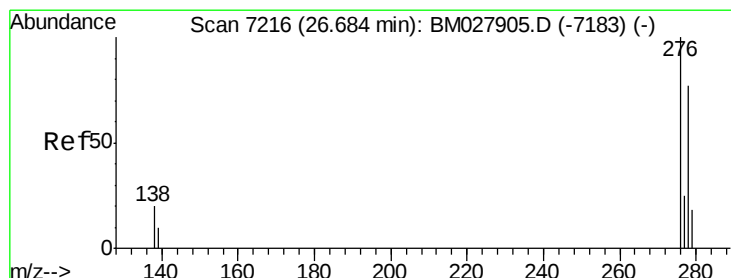
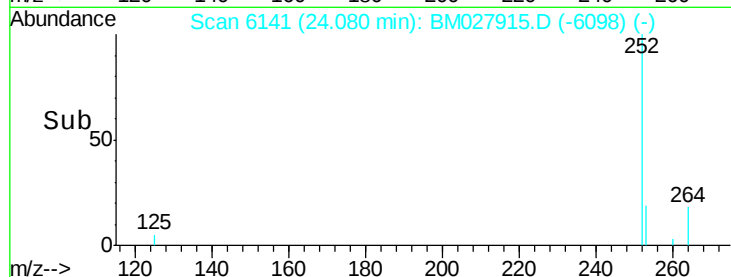
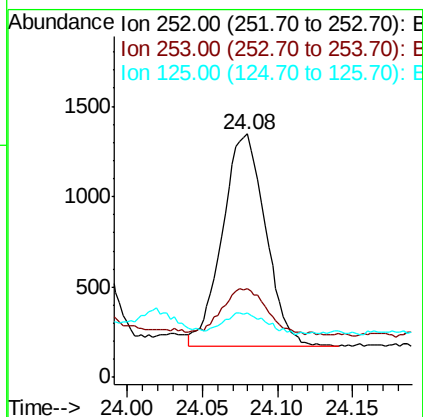
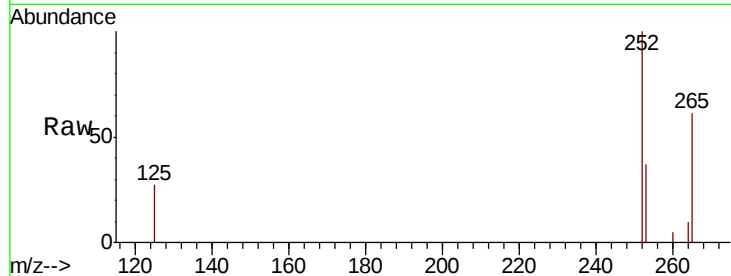
#23
Benzo(a)pyrene
Concen: 0.272 ng/ul
RT: 24.08 min Scan# 6141
Delta R.T. 0.00 min
Lab File: BM027915.D
Acq: 23 Nov 2020 16:12

Instrument :
BNA_M
ClientSampleId :
C0B01DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.6	25.2	37.8
125	26.7	13.8	20.6

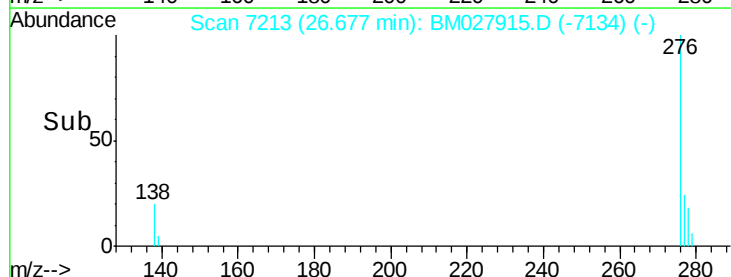
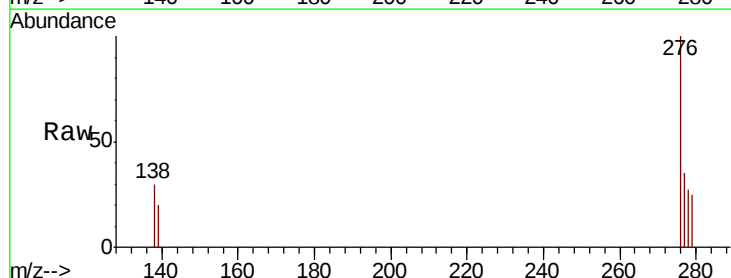
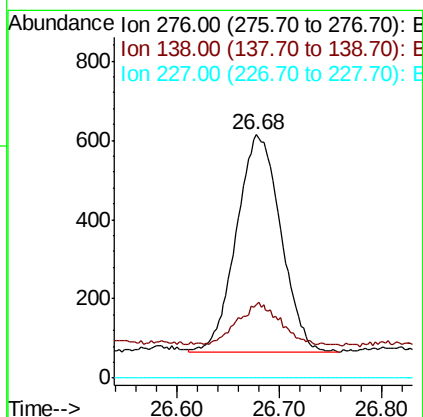
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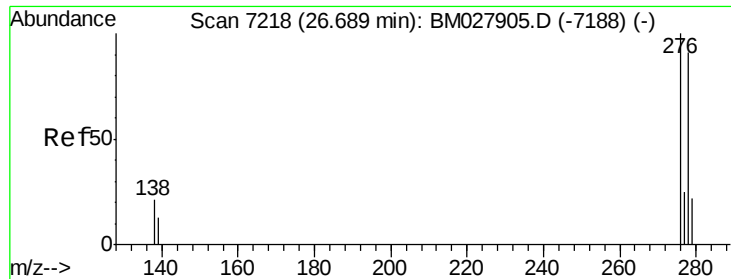
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng/ul
RT: 26.68 min Scan# 7213
Delta R.T. -0.01 min
Lab File: BM027915.D
Acq: 23 Nov 2020 16:12

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





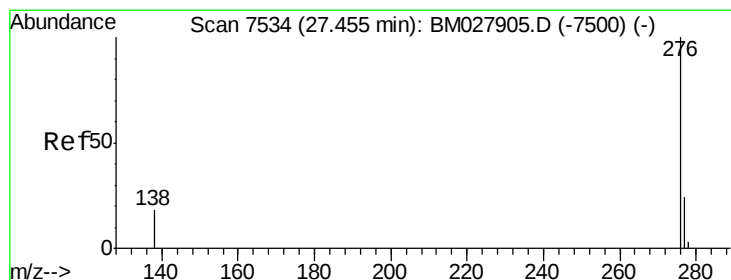
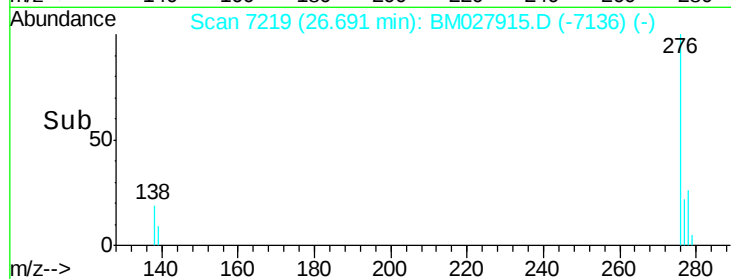
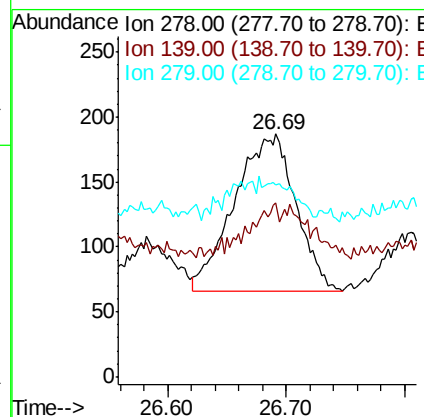
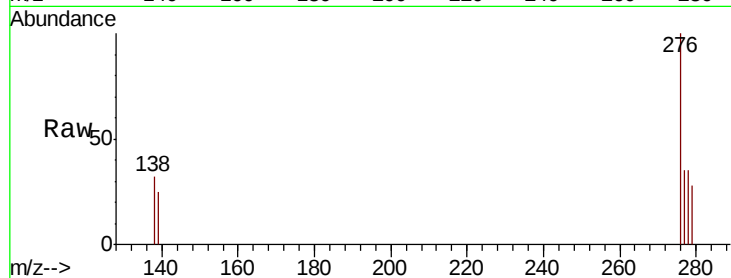
#25
Dibenzo(a,h)anthracene
Concen: 0.056 ng/u1
RT: 26.69 min Scan# 7219
Delta R.T. 0.00 min
Lab File: BM027915.D
Acq: 23 Nov 2020 16:12

Instrument :
BNA_M
ClientSampleId :
C0B01DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	71.7	14.8	22.2#
279	79.1	25.8	38.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.199 ng/u1
RT: 27.45 min Scan# 7534
Delta R.T. -0.00 min
Lab File: BM027915.D
Acq: 23 Nov 2020 16:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	17.4	26.2#
277	33.8	22.5	33.7#

