

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027914.D
 Acq On : 23 Nov 2020 15:35
 Operator : JU/CG
 Sample : L4711-11DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B55DL

Manual Integrations
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Quant Time: Nov 23 16:10:43 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	776	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3265	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2055	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4505	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	3062	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2677	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	222	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	470	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.67	152	258	0.026	ng/ul#	59
9) Fluorene	15.98	166	228	0.026	ng/ul#	89
12) Phenanthrene	17.70	178	8653	0.608	ng/ul	98
13) Anthracene	17.79	178	1269	0.092	ng/ul#	91
15) Fluoranthene	19.68	202	33645	2.132	ng/ul	100
17) Pyrene	20.04	202	27837	1.790	ng/ul	99
18) Benzo(a)anthracene	21.75	228	11621	0.941	ng/ul	99
19) Chrysene	21.80	228	14388	1.196	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	18678m	1.660	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	7355m	0.668	ng/ul	
23) Benzo(a)pyrene	24.08	252	11146	1.133	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.68	276	8554	0.803	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	1900	0.214	ng/ul#	78
26) Benzo(g,h,i)perylene	27.46	276	7728	0.865	ng/ul	97

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

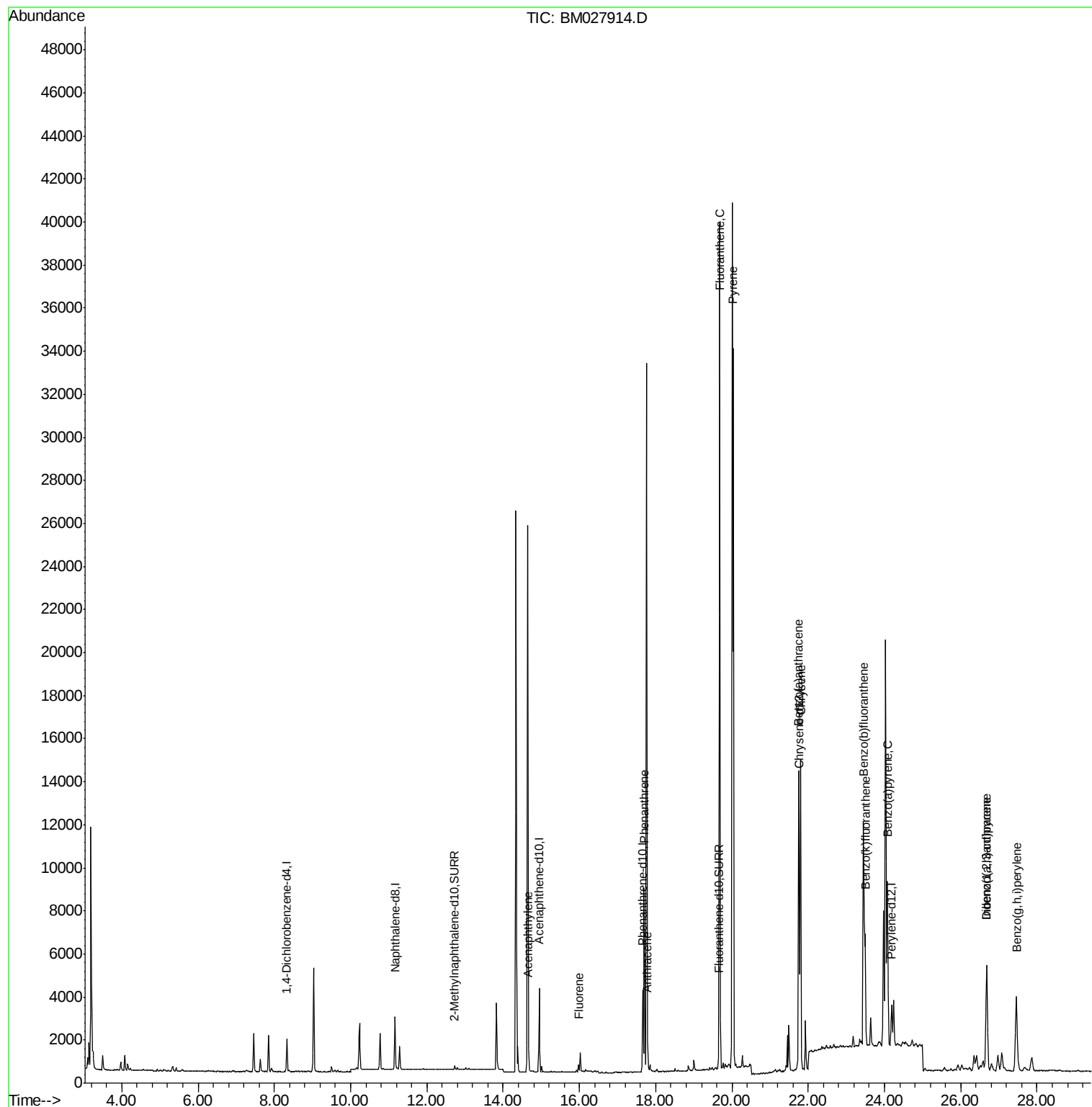
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027914.D
Acq On : 23 Nov 2020 15:35
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ALS Vial : 11 Sample Multiplier: 1

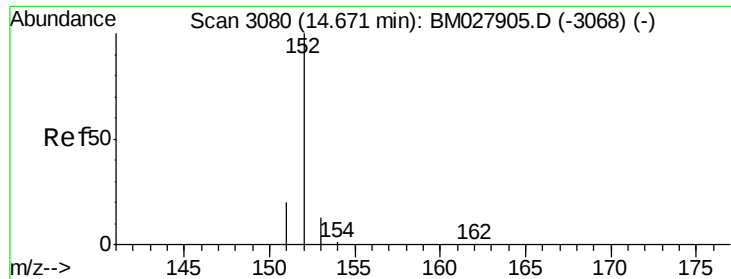
Instrument :
BNA_M
ClientSampleId :
C0B55DL

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Quant Time: Nov 23 16:10:43 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





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.67 min Scan# 3080

Delta R.T. 0.00 min

Lab File: BM027914.D

Acq: 23 Nov 2020 15:35

Instrument :

BNA_M

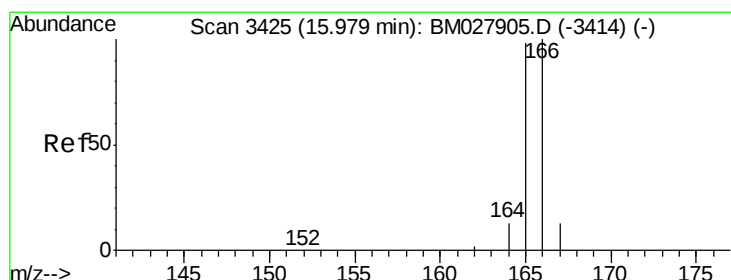
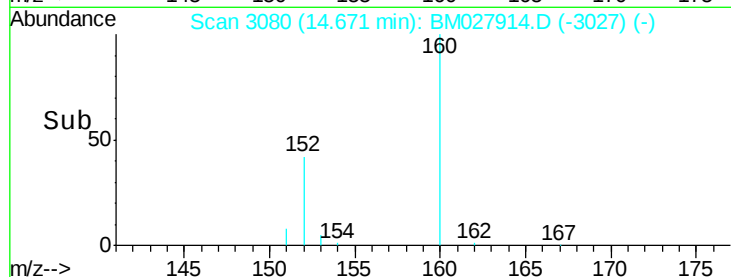
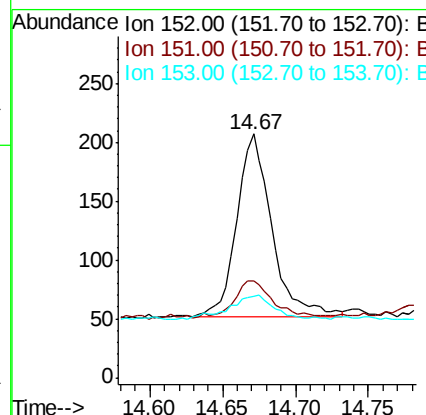
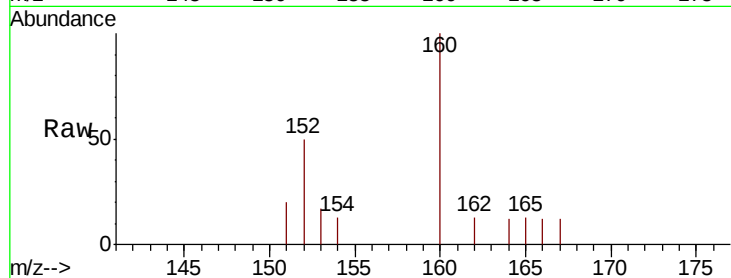
ClientSampleId :

C0B55DL

Tot Ion:	152	Resp:	258
Ion Ratio	Lower	Upper	
152	100		
151	39.6	17.1	25.7#
153	33.3	12.0	18.0#

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#9

Fluorene

Concen: 0.026 ng/ul

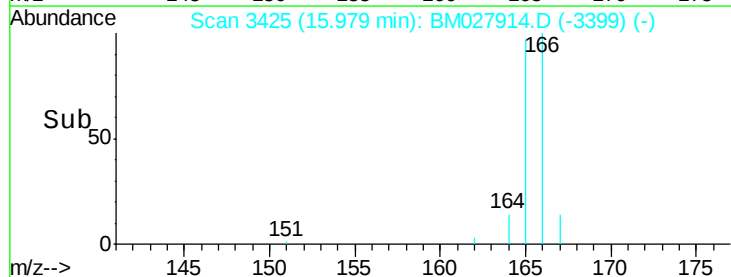
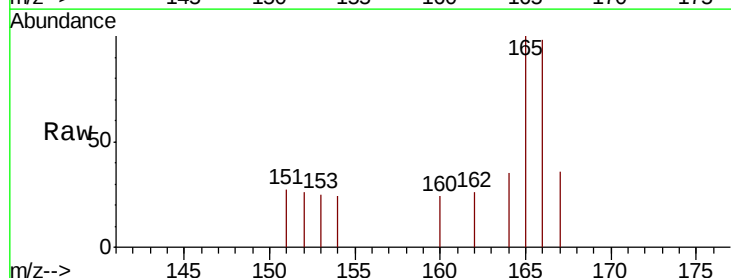
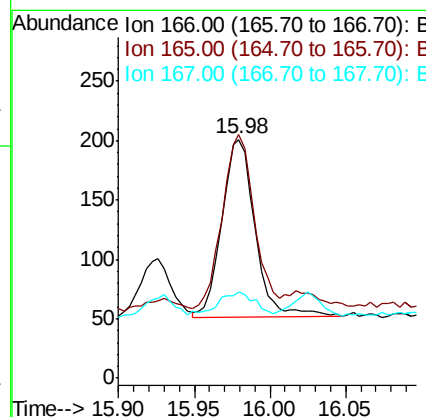
RT: 15.98 min Scan# 3425

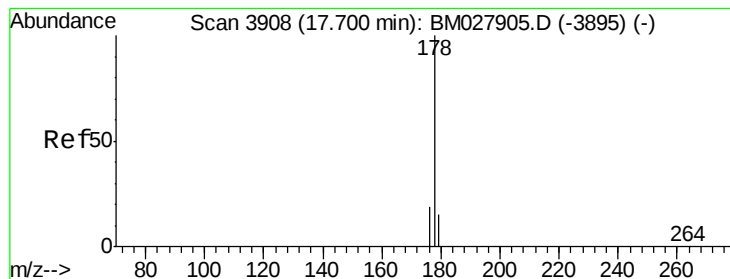
Delta R.T. 0.00 min

Lab File: BM027914.D

Acq: 23 Nov 2020 15:35

Tgt Ion:	166	Resp:	228
Ion Ratio	Lower	Upper	
166	100		
165	102.0	78.1	117.1
167	36.3	11.8	17.8#





#12

Phenanthrene

Concen: 0.608 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BM027914.D

Acq: 23 Nov 2020 15:35

Instrument :

BNA_M

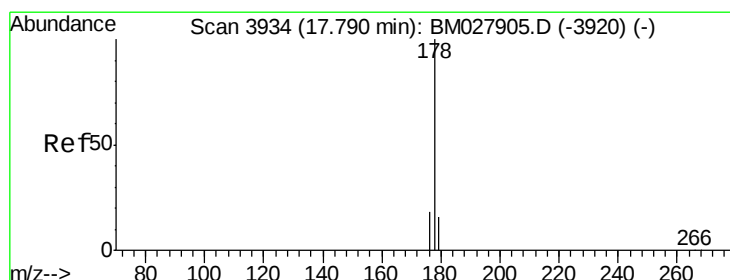
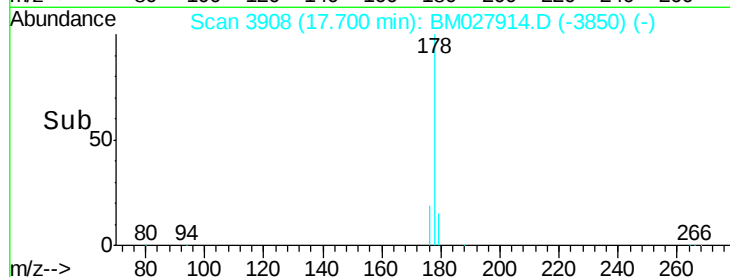
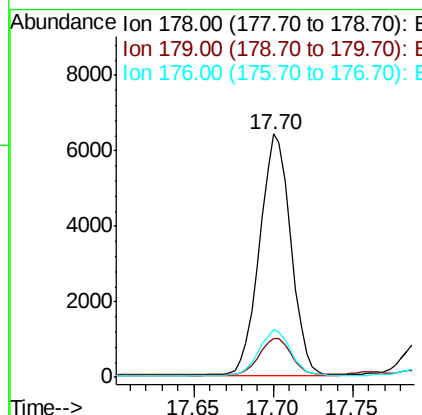
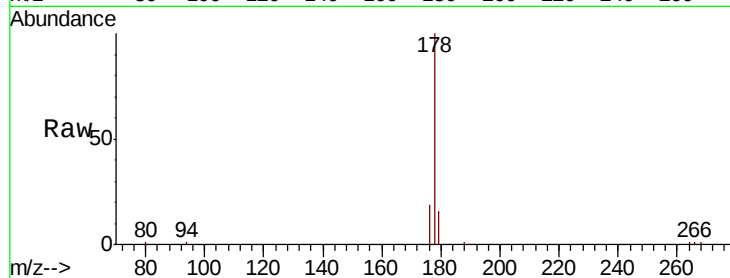
ClientSampleId :

C0B55DL

Tot Ion:	178	Resp:	8653
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.6	20.4
176	19.5	16.1	24.1

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#13

Anthracene

Concen: 0.092 ng/ul

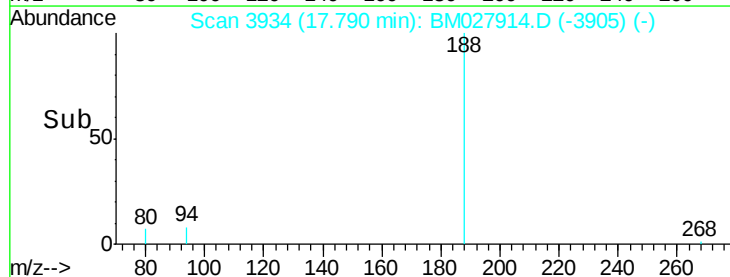
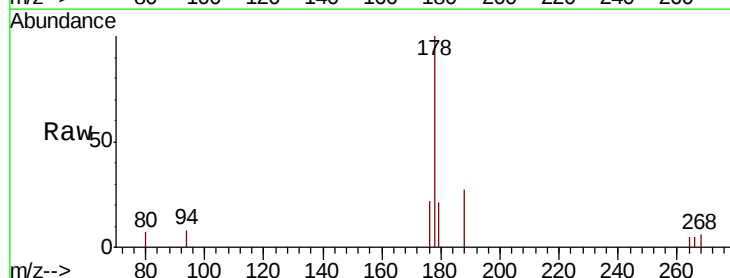
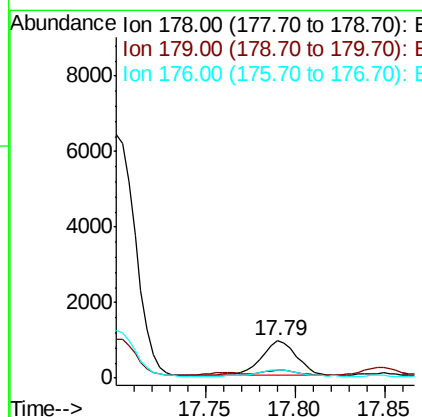
RT: 17.79 min Scan# 3934

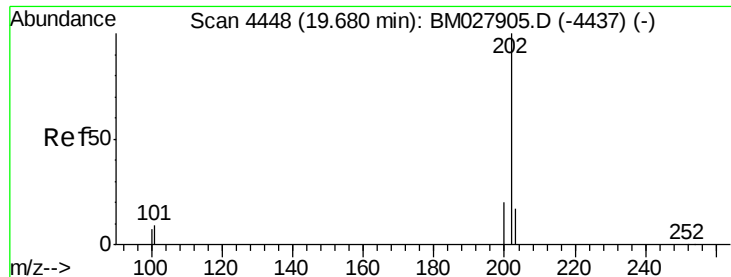
Delta R.T. 0.00 min

Lab File: BM027914.D

Acq: 23 Nov 2020 15:35

Tgt Ion:	178	Resp:	1269
Ion Ratio	Lower	Upper	
178	100		
179	21.1	13.4	20.2#
176	22.4	15.0	22.6





#15

Fluoranthene

Concen: 2.132 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. 0.00 min

Lab File: BM027914.D

Acq: 23 Nov 2020 15:35

Instrument :

BNA_M

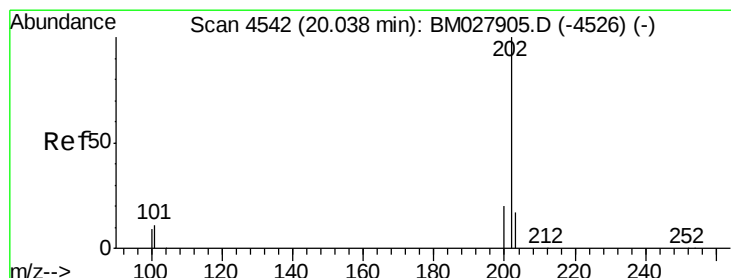
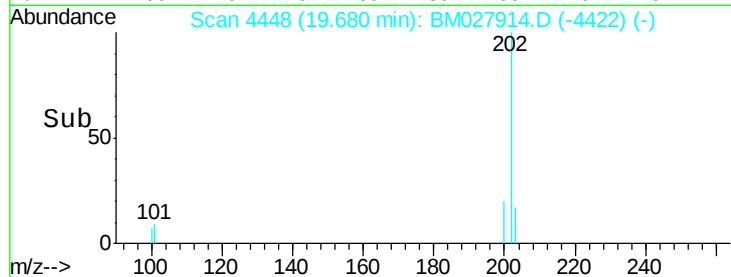
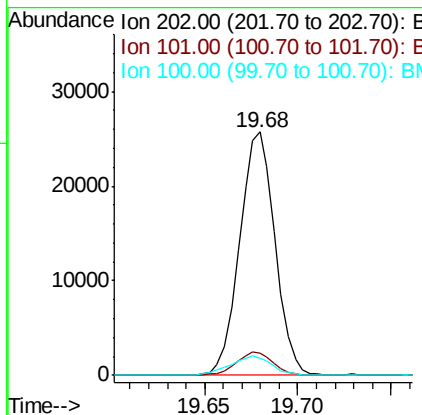
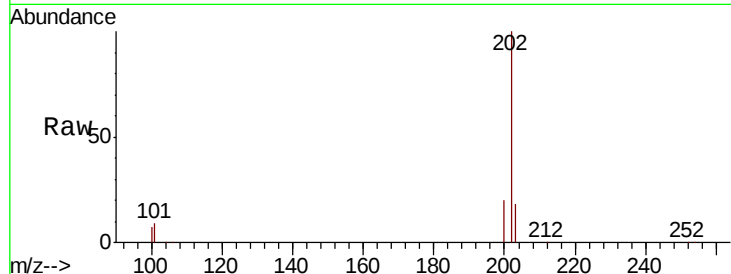
ClientSampleId :

C0B55DL

Tot Ion:	202	Resp:	33645
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.3
100	7.2	0.0	27.4

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#17

Pyrene

Concen: 1.790 ng/ul

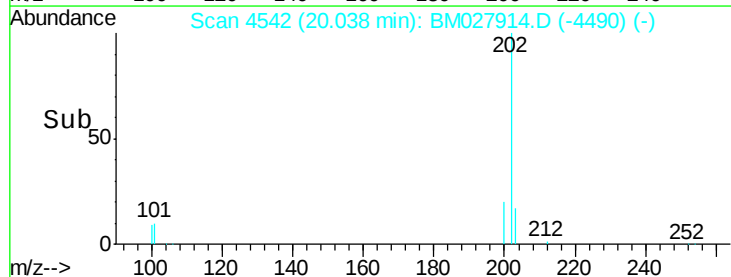
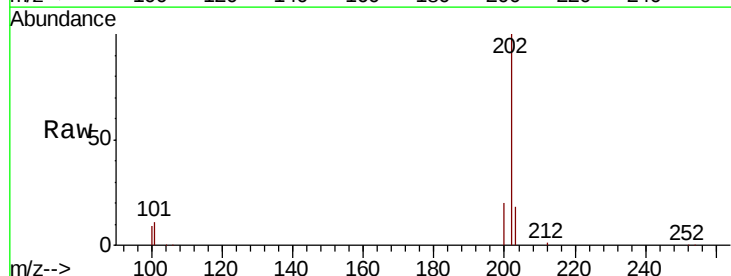
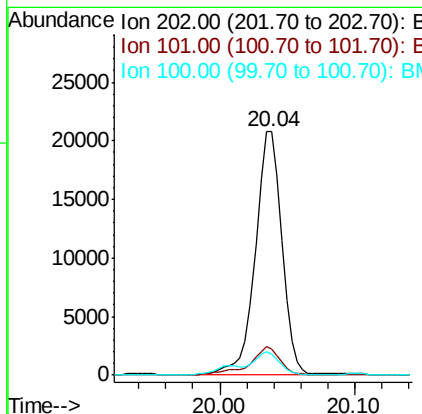
RT: 20.04 min Scan# 4542

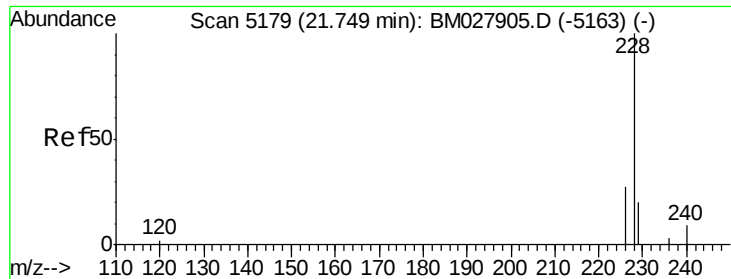
Delta R.T. 0.00 min

Lab File: BM027914.D

Acq: 23 Nov 2020 15:35

Tgt Ion:	202	Resp:	27837
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.2	12.2
100	8.8	6.9	10.3





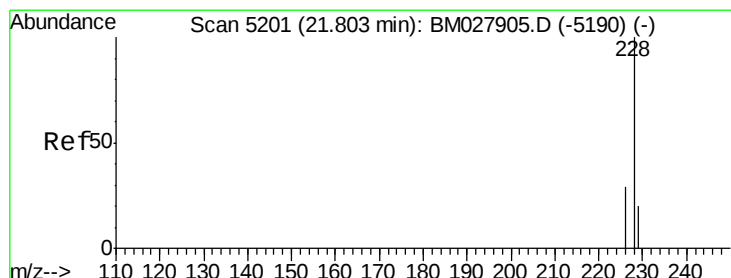
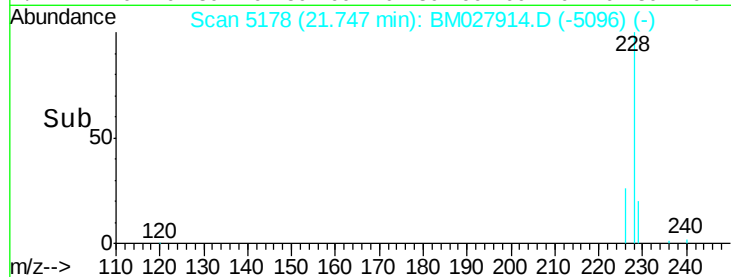
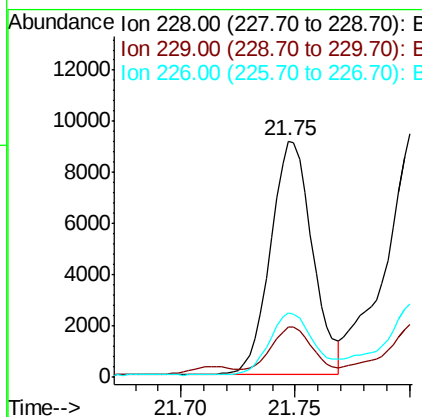
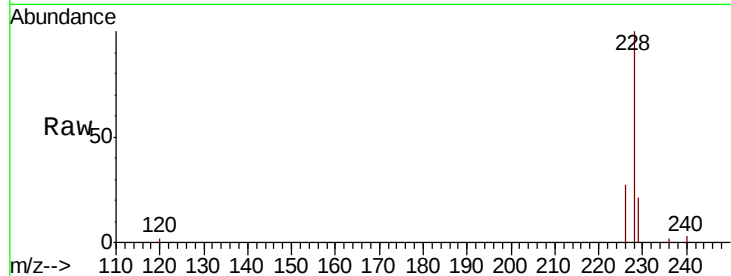
#18
Benzo(a)anthracene
Concen: 0.941 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027914.D
Acq: 23 Nov 2020 15:35

Instrument :
BNA_M
ClientSampleId :
C0B55DL

Tot Ion:228	Resp:	11621
Ion Ratio	Lower	Upper
228	100	
229	21.3	16.2 24.4
226	27.3	21.5 32.3

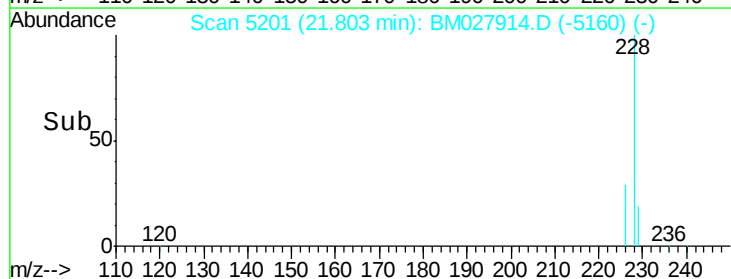
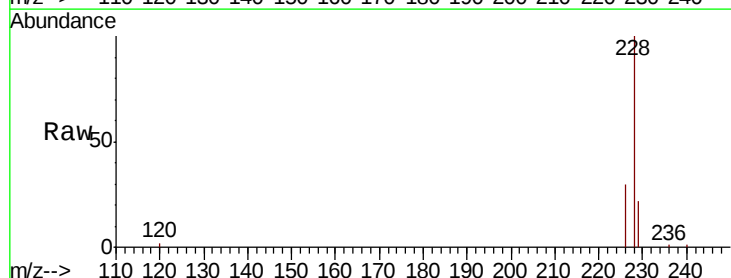
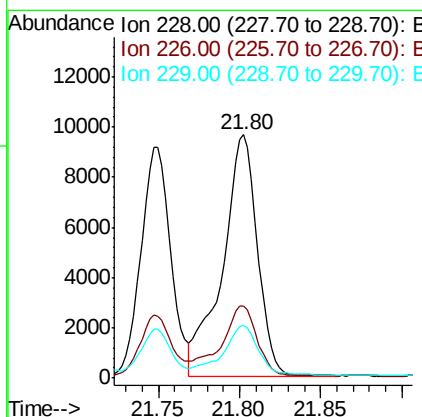
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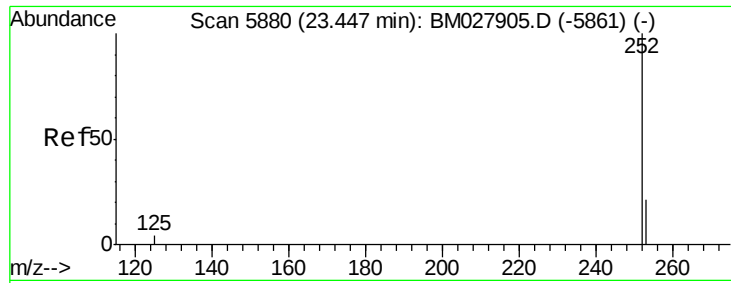
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#19
Chrysene
Concen: 1.196 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. 0.00 min
Lab File: BM027914.D
Acq: 23 Nov 2020 15:35

Tgt Ion:228	Resp:	14388
Ion Ratio	Lower	Upper
228	100	
226	29.6	24.1 36.1
229	21.6	16.6 24.8





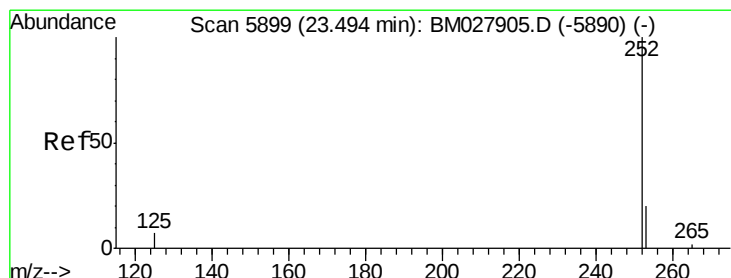
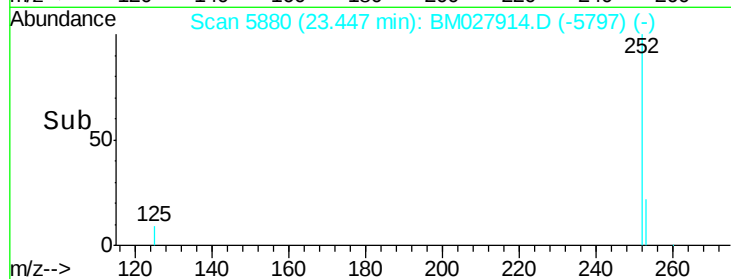
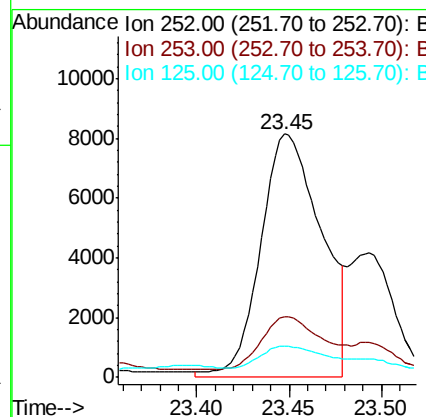
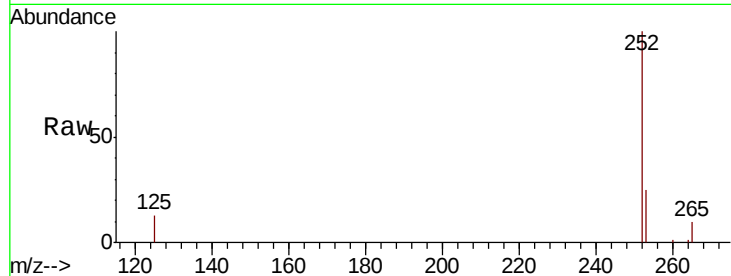
#21
Benzo(b)fluoranthene
Concen: 1.660 ng/ul m
RT: 23.45 min Scan# 5880
Delta R.T. 0.00 min
Lab File: BM027914.D
Acq: 23 Nov 2020 15:35

Instrument :
BNA_M
ClientSampleId :
C0B55DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	59.6
125	12.8	0.0	28.4

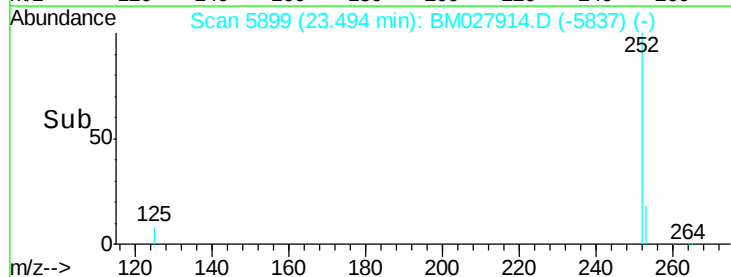
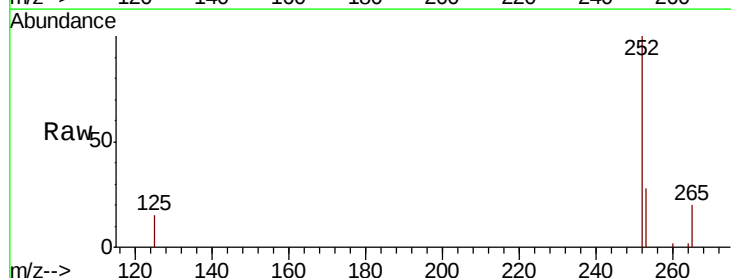
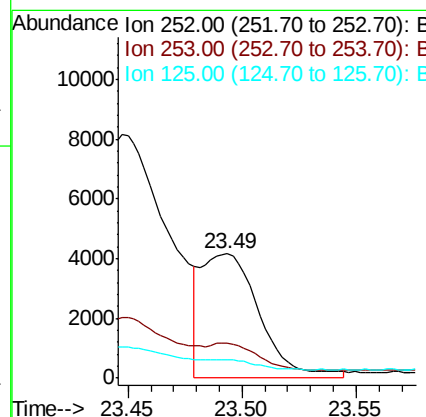
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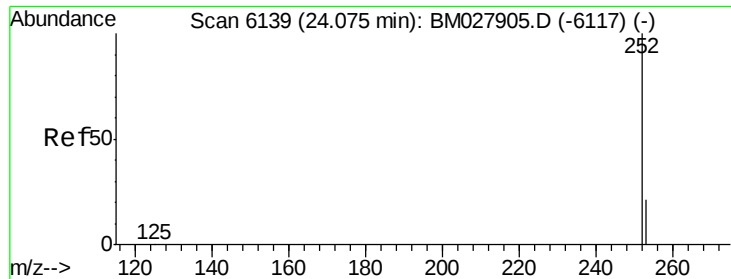
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#22
Benzo(k)fluoranthene
Concen: 0.668 ng/ul m
RT: 23.49 min Scan# 5899
Delta R.T. 0.00 min
Lab File: BM027914.D
Acq: 23 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	23.2	34.8
125	14.7	11.8	17.6





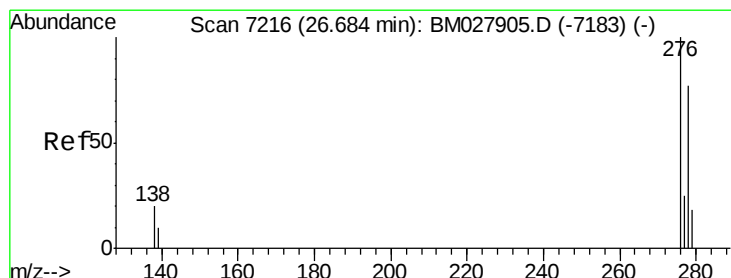
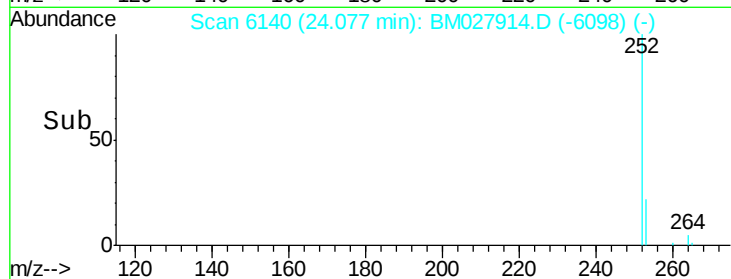
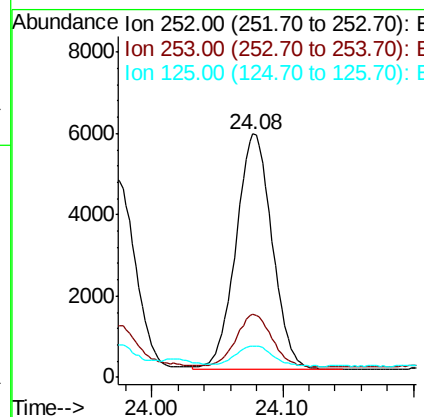
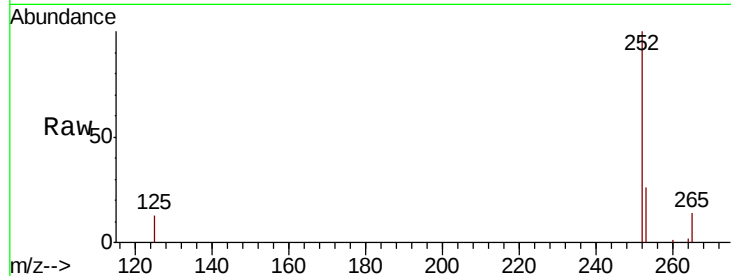
#23
Benzo(a)pyrene
Concen: 1.133 ng/ul
RT: 24.08 min Scan# 6140
Delta R.T. 0.00 min
Lab File: BM027914.D
Acq: 23 Nov 2020 15:35

Instrument :
BNA_M
ClientSampleId :
C0B55DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	25.2	37.8
125	12.9	13.8	20.6

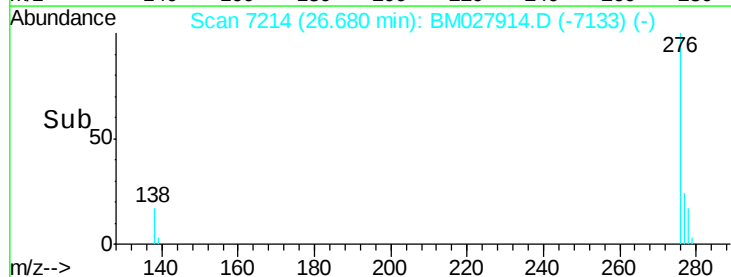
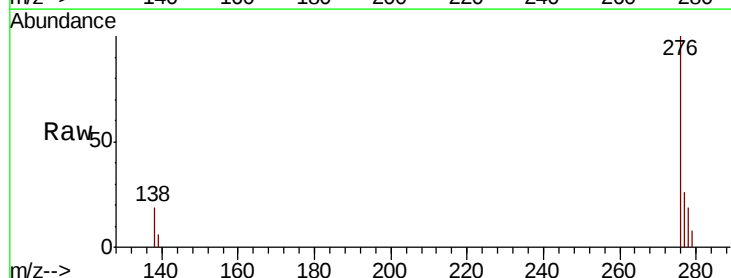
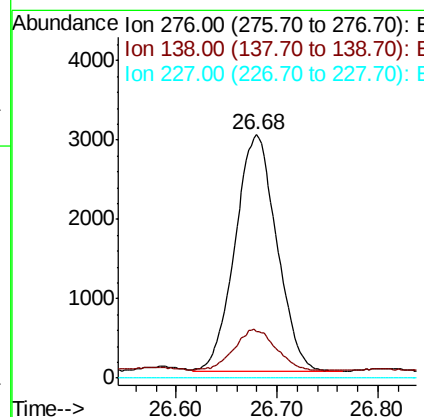
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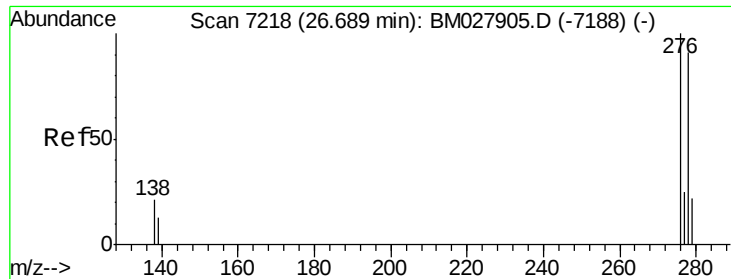
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.803 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.00 min
Lab File: BM027914.D
Acq: 23 Nov 2020 15:35

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





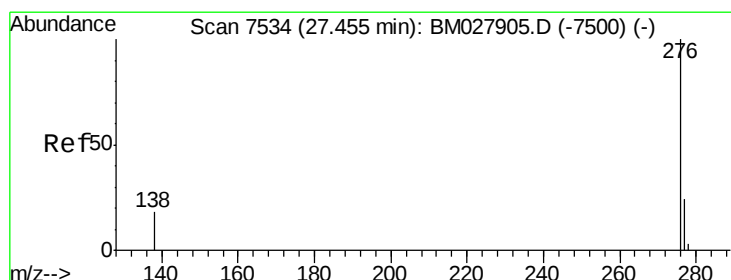
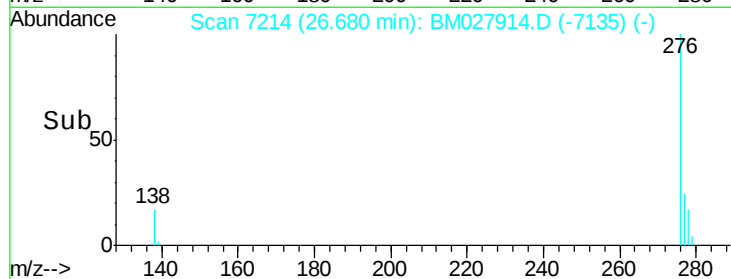
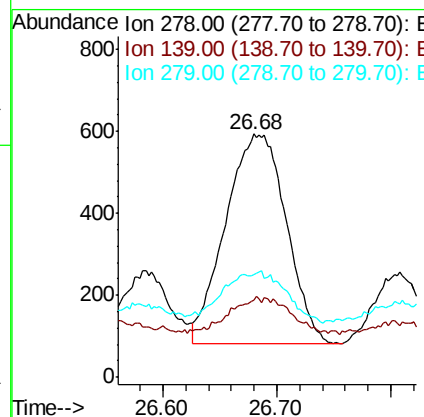
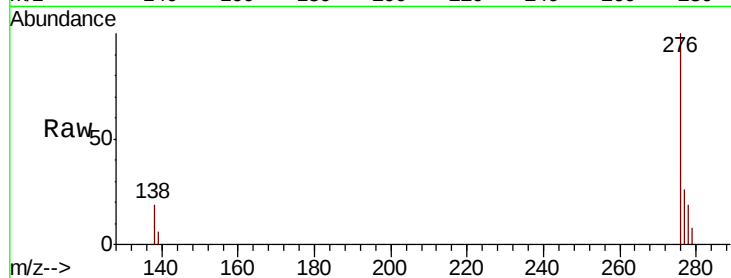
#25
Dibenzo(a,h)anthracene
Concen: 0.214 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.01 min
Lab File: BM027914.D
Acq: 23 Nov 2020 15:35

Instrument :
BNA_M
ClientSampleId :
C0B55DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	31.5	14.8	22.2#
279	42.3	25.8	38.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.865 ng/ul
RT: 27.46 min Scan# 7535
Delta R.T. 0.00 min
Lab File: BM027914.D
Acq: 23 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.4	26.2
277	26.0	22.5	33.7

