

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027931.D
 Acq On : 24 Nov 2020 01:52
 Operator : JU/CG
 Sample : L4711-20DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B05DL

Manual Integrations
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Quant Time: Nov 24 03:15:22 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	1169	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4538	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2493	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4448	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2478	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2291	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	186	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	300	0.03	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	15.00	153	683	0.075	ng/ul	94
9) Fluorene	15.98	166	828	0.078	ng/ul#	96
12) Phenanthrene	17.70	178	19564	1.392	ng/ul	97
13) Anthracene	17.79	178	4028	0.297	ng/ul	98
15) Fluoranthene	19.68	202	41028	2.633	ng/ul	100
17) Pyrene	20.03	202	32118	2.552	ng/ul	99
18) Benzo(a)anthracene	21.74	228	14148	1.415	ng/ul	100
19) Chrysene	21.80	228	14788	1.519	ng/ul	98
21) Benzo(b)fluoranthene	23.44	252	16130m	1.675	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	6235m	0.661	ng/ul	
23) Benzo(a)pyrene	24.07	252	10926	1.298	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.67	276	7164	0.786	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	1871	0.247	ng/ul#	83
26) Benzo(g,h,i)perylene	27.44	276	6018	0.787	ng/ul	99

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

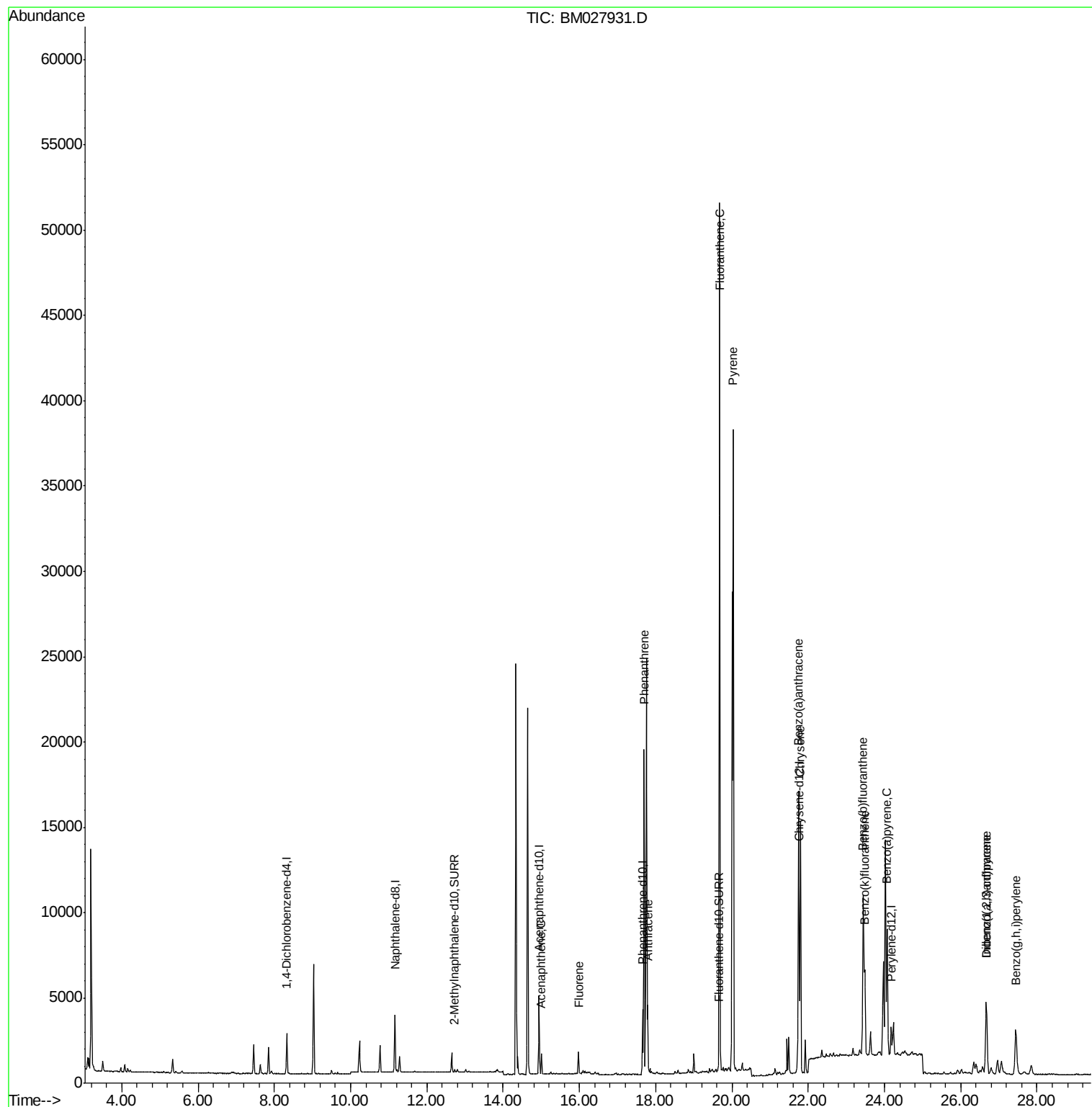
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027931.D
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Sample : L4711-20DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

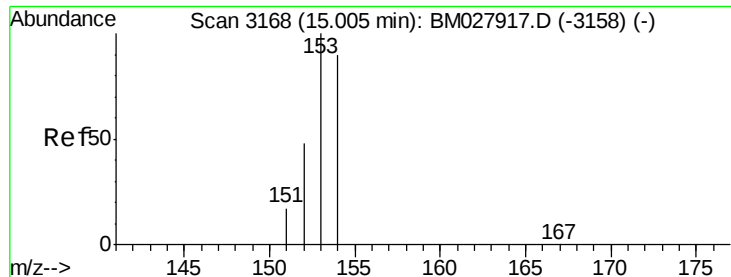
Instrument :
BNA_M
ClientSampleId :
C0B05DL

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Quant Time: Nov 24 03:15:22 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: 0.075 ng/ul

RT: 15.00 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Instrument :

BNA_M

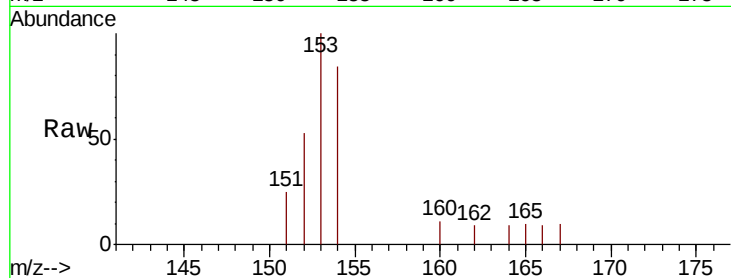
ClientSampleId :

C0B05DL

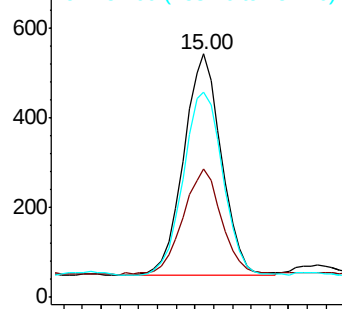
Tot Ion:	153	Resp:	683
Ion	Ratio	Lower	Upper
153	100		
152	52.9	39.0	58.6
154	84.2	71.6	107.4

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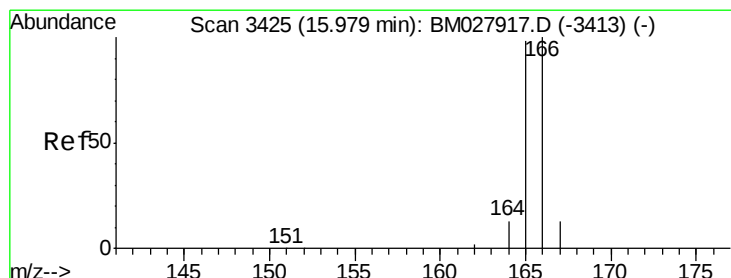
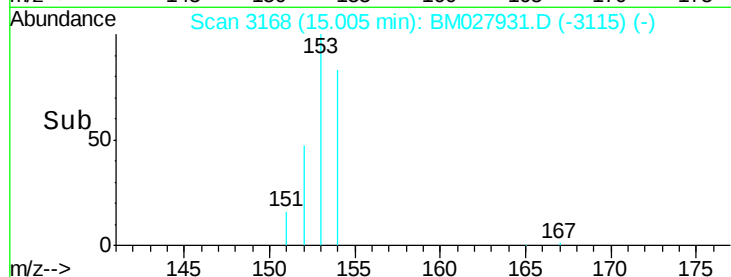
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.078 ng/ul

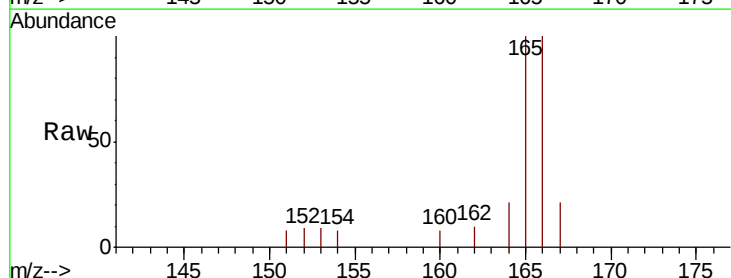
RT: 15.98 min Scan# 3424

Delta R.T. -0.00 min

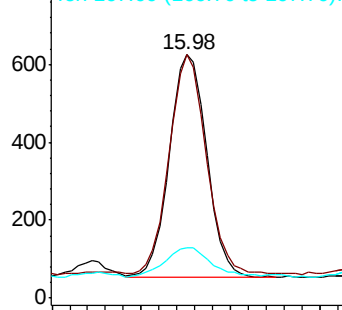
Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

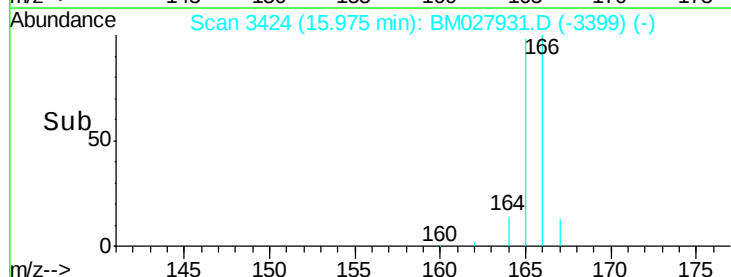
Tgt Ion:	166	Resp:	828
Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.1	117.1
167	20.8	11.8	17.8#

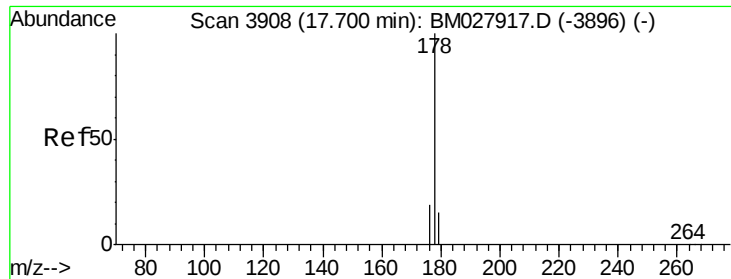


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 1.392 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Instrument :

BNA_M

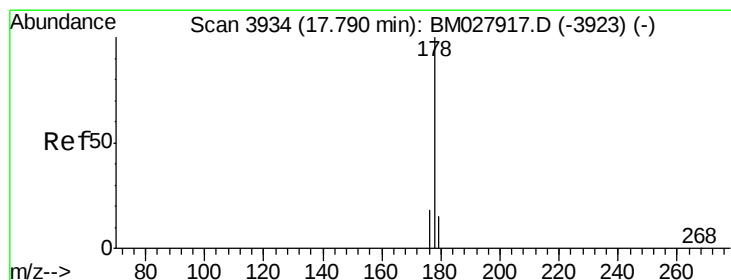
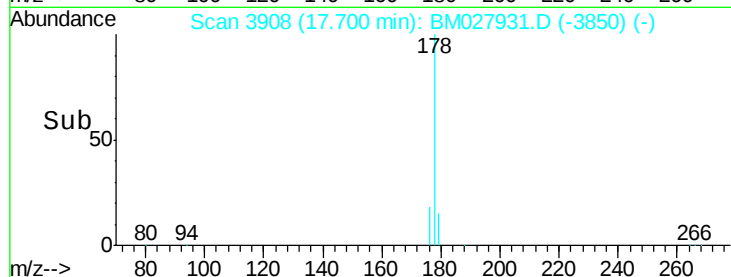
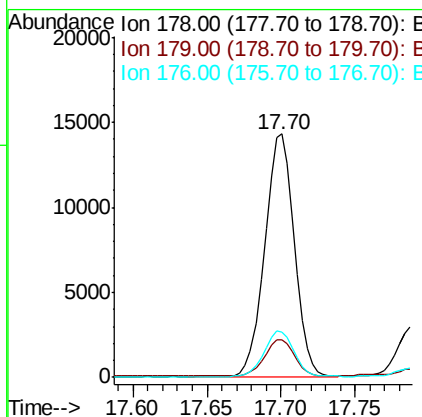
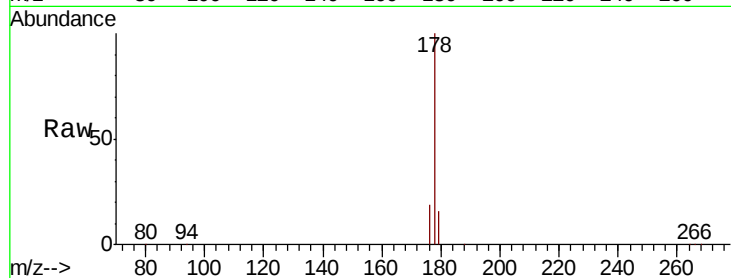
ClientSampleId :

C0B05DL

Tot Ion:	178	Resp:	19564
Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.6	20.4
176	18.7	16.1	24.1

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#13

Anthracene

Concen: 0.297 ng/ul

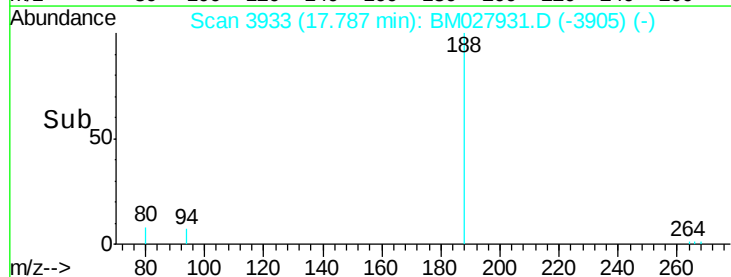
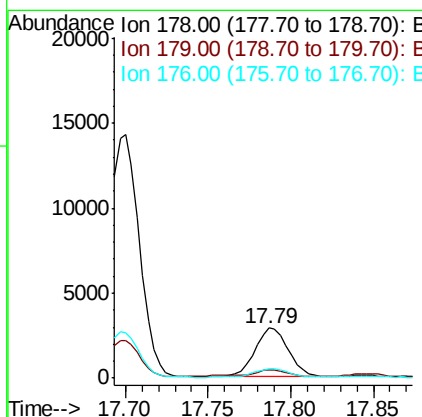
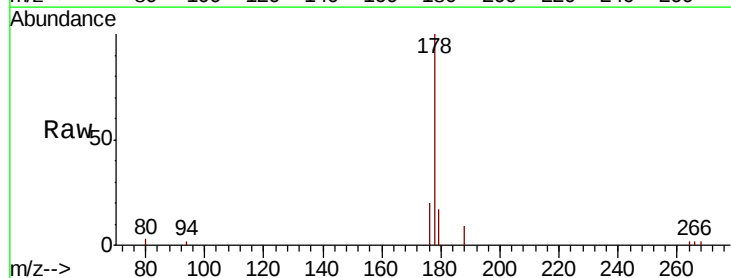
RT: 17.79 min Scan# 3933

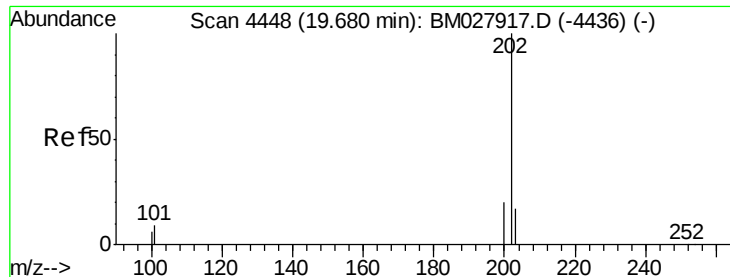
Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Tgt Ion:	178	Resp:	4028
Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.4	20.2
176	19.6	15.0	22.6





#15

Fluoranthene

Concen: 2.633 ng/ul

RT: 19.68 min Scan# 4447

Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Instrument :

BNA_M

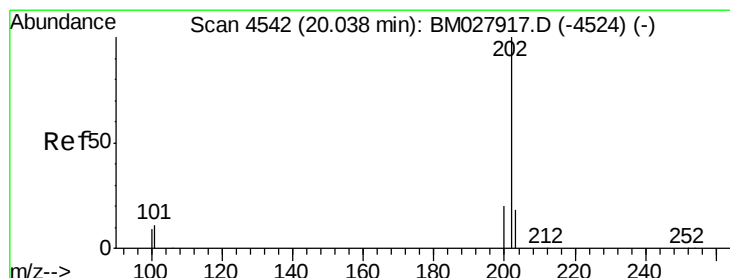
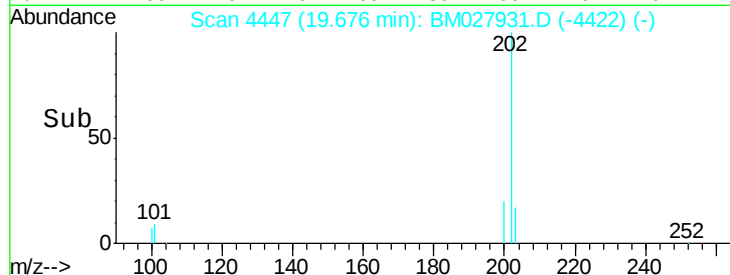
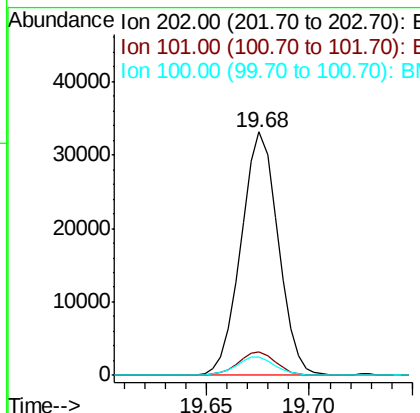
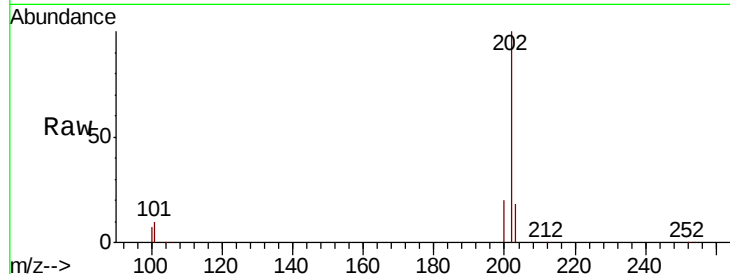
ClientSampleId :

C0B05DL

Tot Ion:	202	Resp:	41028
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.3
100	7.4	0.0	27.4

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#17

Pyrene

Concen: 2.552 ng/ul

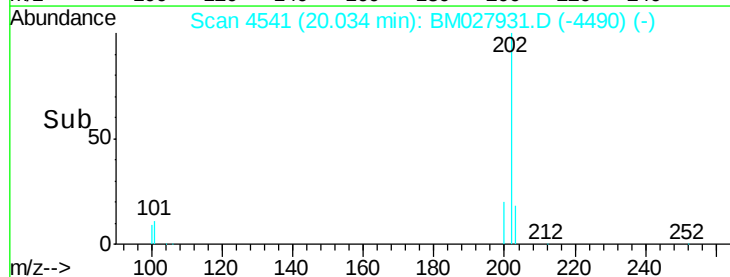
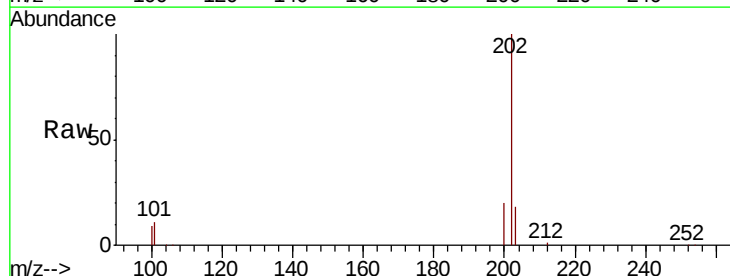
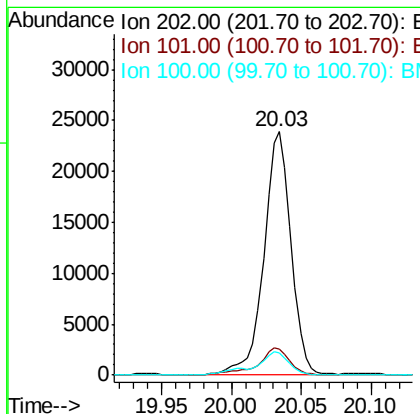
RT: 20.03 min Scan# 4541

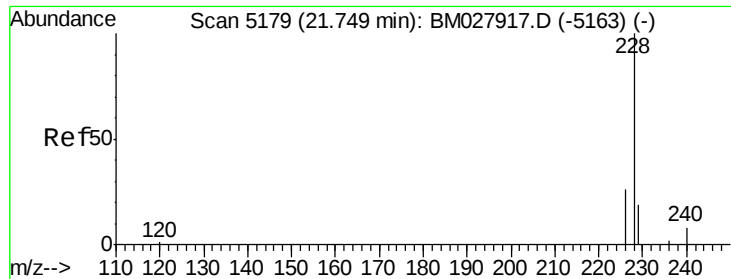
Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Tgt Ion:	202	Resp:	32118
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.2	12.2
100	8.9	6.9	10.3





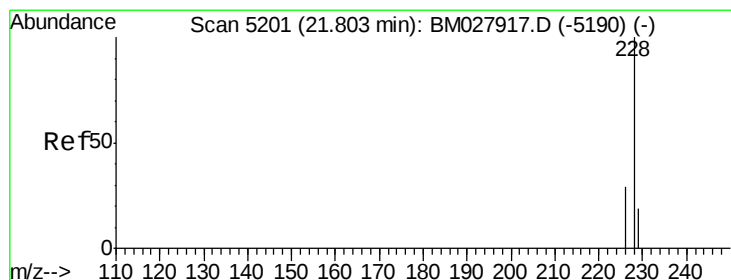
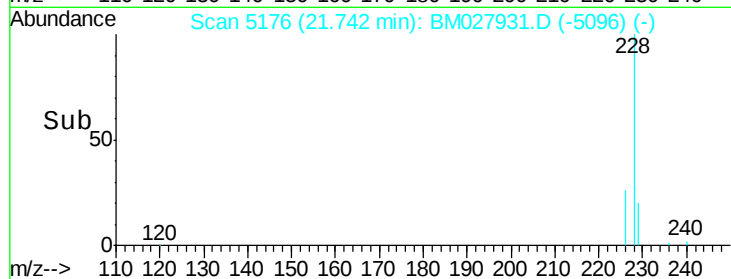
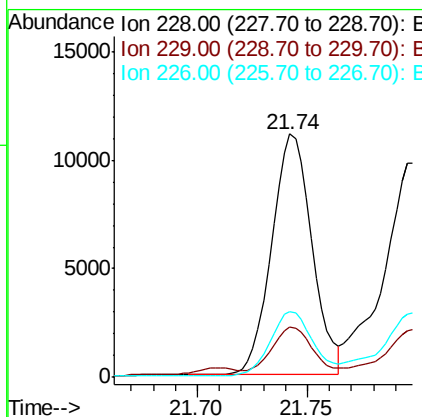
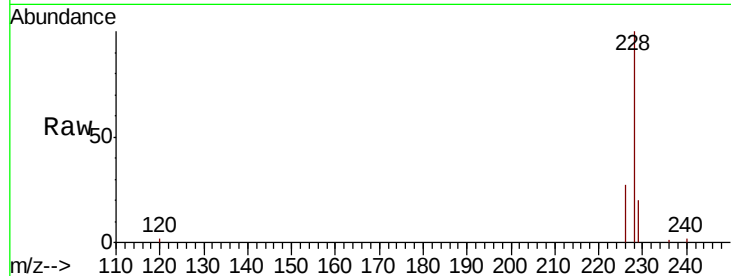
#18
Benzo(a)anthracene
Concen: 1.415 ng/ul
RT: 21.74 min Scan# 5176
Delta R.T. -0.01 min
Lab File: BM027931.D
Acq: 24 Nov 2020 01:52

Instrument :
BNA_M
ClientSampleId :
C0B05DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.2	24.4
226	26.9	21.5	32.3

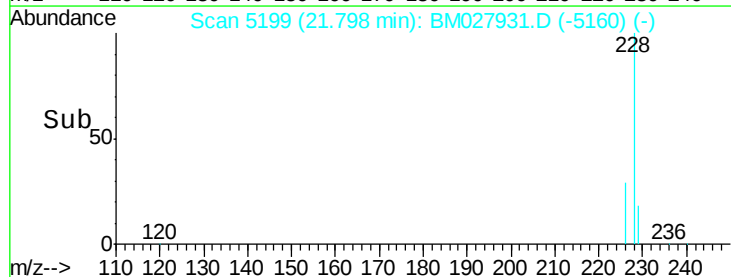
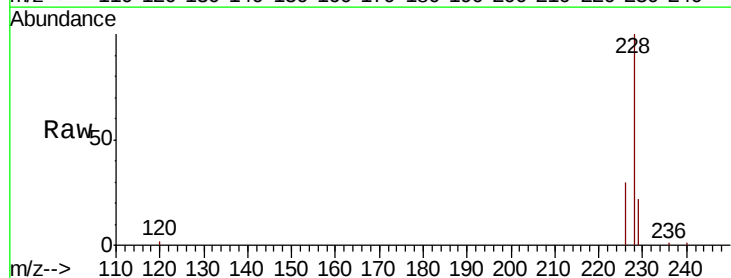
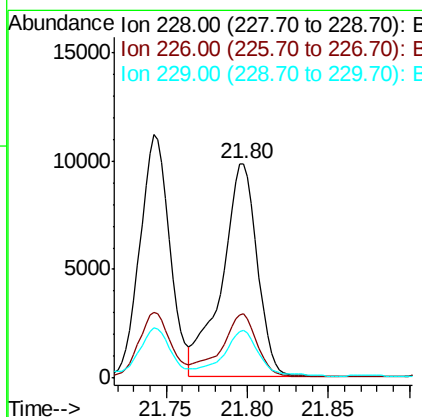
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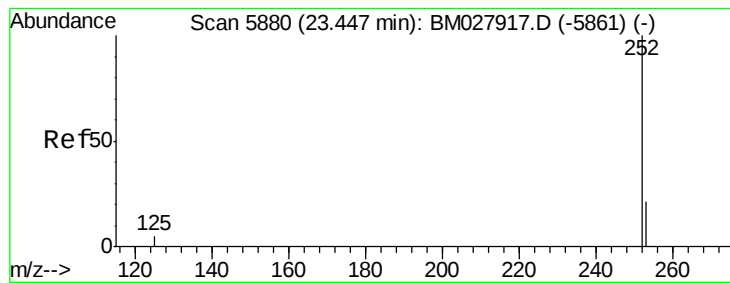
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#19
Chrysene
Concen: 1.519 ng/ul
RT: 21.80 min Scan# 5199
Delta R.T. -0.00 min
Lab File: BM027931.D
Acq: 24 Nov 2020 01:52

Tgt 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: 1.675 ng/ul m

RT: 23.44 min Scan# 5877

Delta R.T. -0.01 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Instrument :

BNA_M

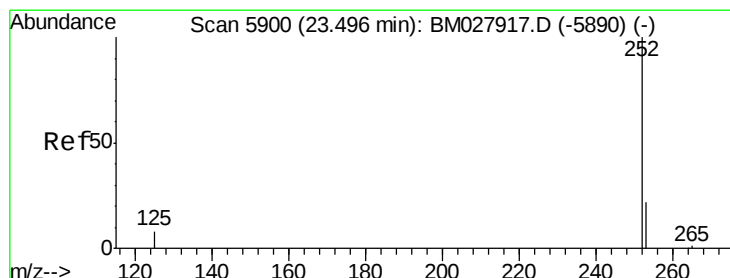
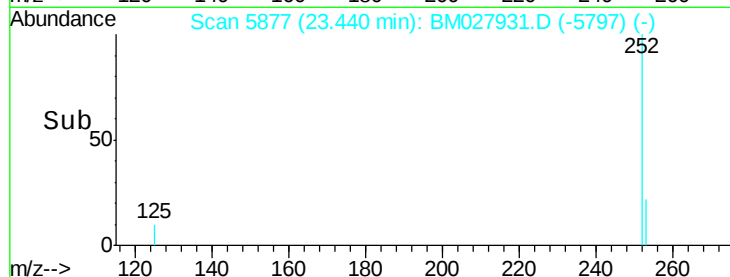
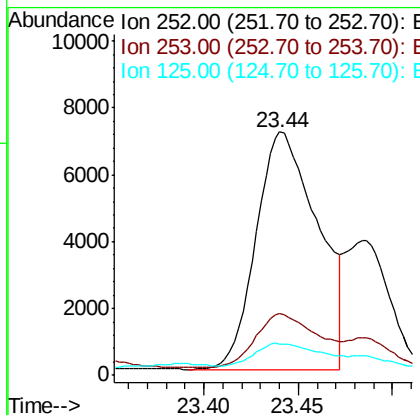
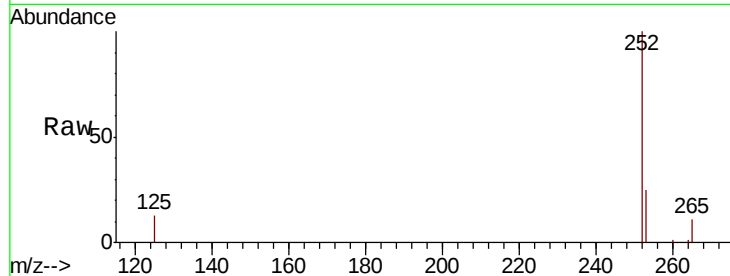
ClientSampleId :

C0B05DL

Tot Ion:	252	Resp:	16130
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	59.6
125	13.0	0.0	28.4

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#22

Benzo(k)fluoranthene

Concen: 0.661 ng/ul m

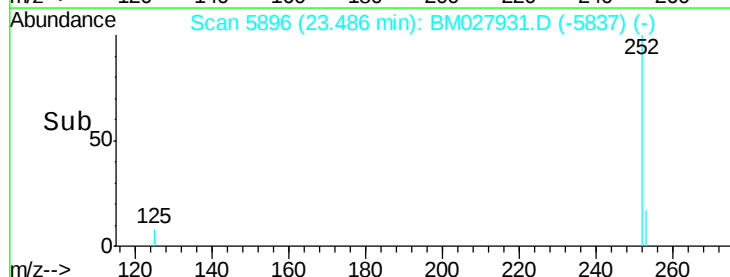
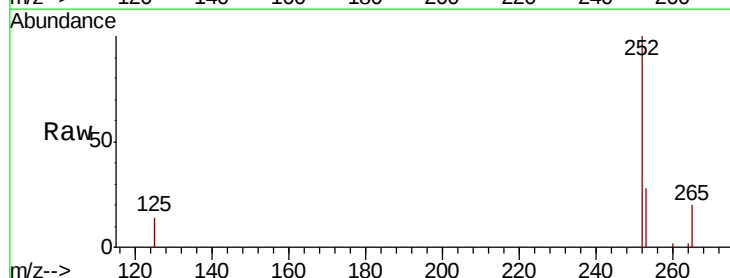
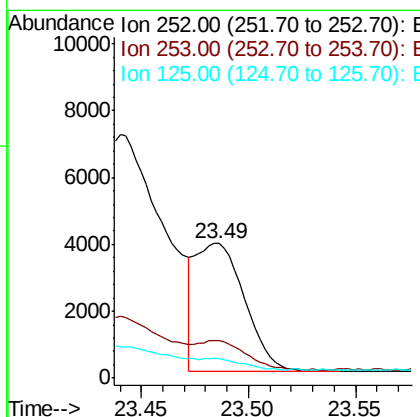
RT: 23.49 min Scan# 5896

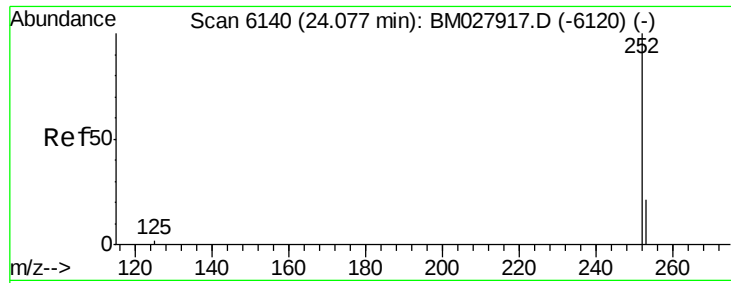
Delta R.T. -0.01 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Tgt Ion:	252	Resp:	6235
Ion Ratio	Lower	Upper	
252	100		
253	27.7	23.2	34.8
125	14.4	11.8	17.6





#23

Benzo(a)pyrene

Concen: 1.298 ng/ul

RT: 24.07 min Scan# 6138

Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Instrument :

BNA_M

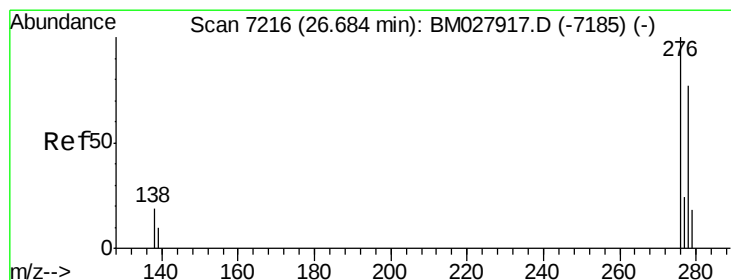
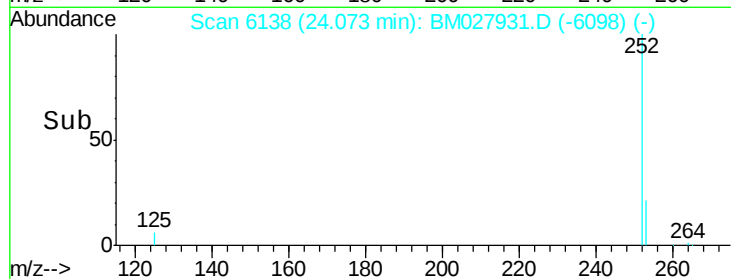
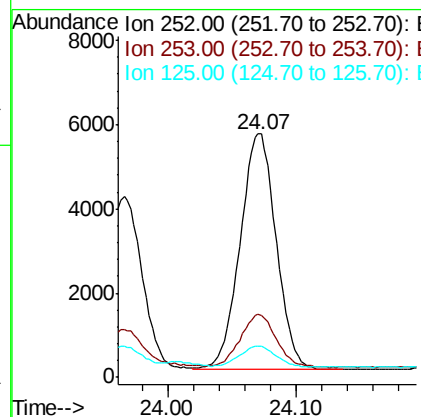
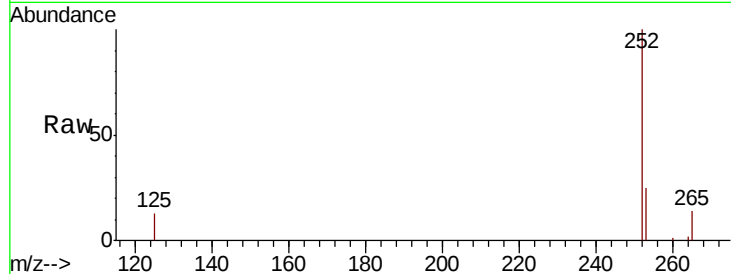
ClientSampleId :

C0B05DL

Tot Ion:	252	Resp:	10926
Ion Ratio	Lower	Upper	
252	100		
253	25.2	25.2	37.8
125	13.0	13.8	20.6

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.786 ng/ul

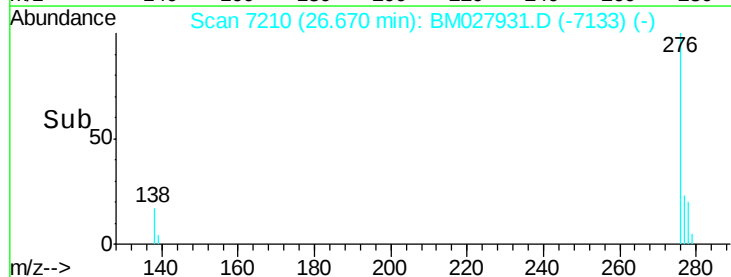
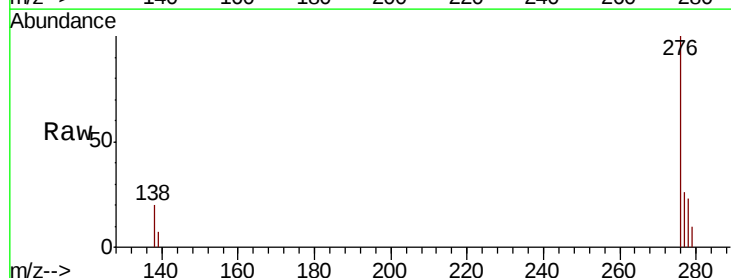
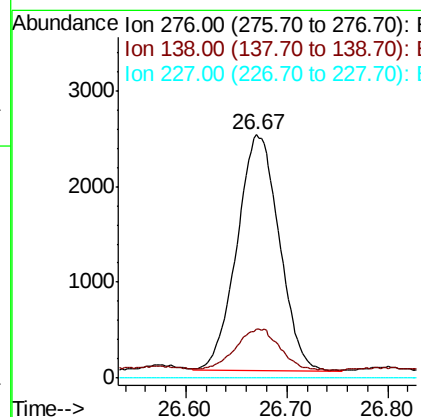
RT: 26.67 min Scan# 7210

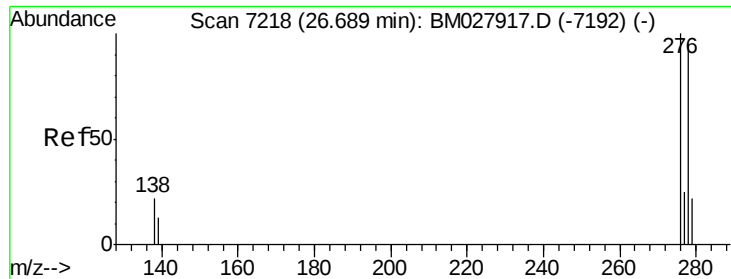
Delta R.T. -0.01 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Tgt Ion:	276	Resp:	7164
Ion Ratio	Lower	Upper	
276	100		
138	17.8	15.7	23.5
227	0.0	0.0	0.0





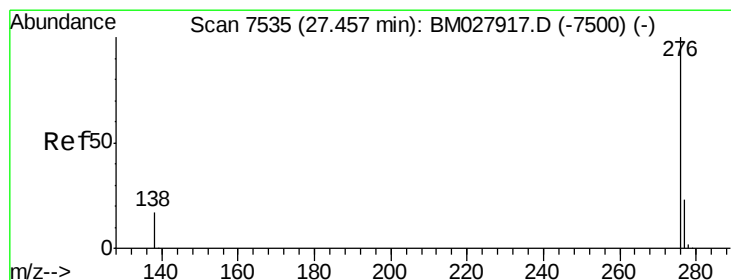
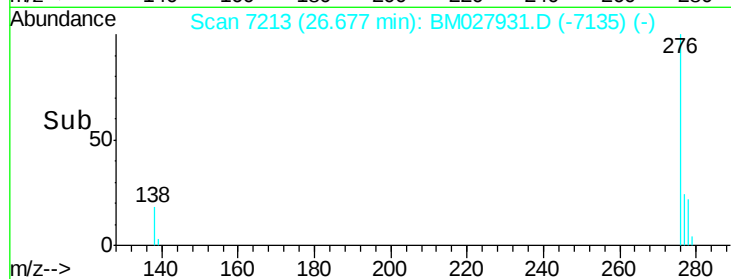
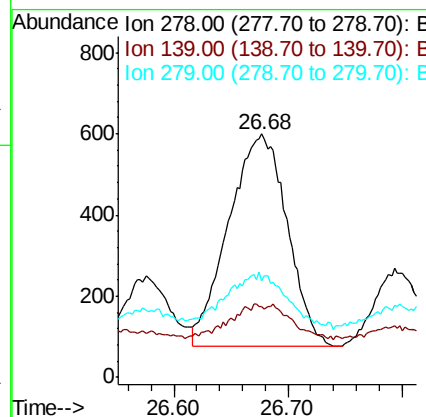
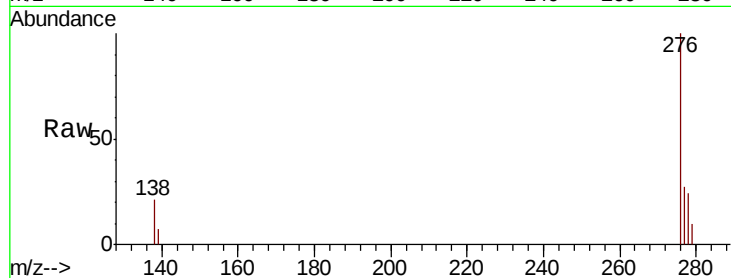
#25
Dibenzo(a,h)anthracene
Concen: 0.247 ng/ul
RT: 26.68 min Scan# 7213
Delta R.T. -0.01 min
Lab File: BM027931.D
Acq: 24 Nov 2020 01:52

Instrument :
BNA_M
ClientSampleId :
C0B05DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	29.0	14.8	22.2#
279	39.8	25.8	38.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.787 ng/ul
RT: 27.44 min Scan# 7529
Delta R.T. -0.01 min
Lab File: BM027931.D
Acq: 24 Nov 2020 01:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.4	26.2
277	27.2	22.5	33.7

