

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027916.D
 Acq On : 23 Nov 2020 16:48
 Operator : JU/CG
 Sample : L4711-20DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B05DL

Manual Integrations
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Quant Time: Nov 23 18:03:28 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	1159	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4545	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2535	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4611	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2555	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2329	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	167	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	278	0.02	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	15.00	153	636	0.069	ng/ul	95
9) Fluorene	15.98	166	773	0.072	ng/ul#	96
12) Phenanthrene	17.70	178	18763	1.288	ng/ul	98
13) Anthracene	17.79	178	3871	0.276	ng/ul	98
15) Fluoranthene	19.68	202	39003	2.415	ng/ul	100
17) Pyrene	20.04	202	30575	2.356	ng/ul	99
18) Benzo(a)anthracene	21.75	228	13344	1.294	ng/ul	100
19) Chrysene	21.80	228	13902	1.385	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	16183m	1.653	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	5589m	0.583	ng/ul	
23) Benzo(a)pyrene	24.08	252	10416	1.217	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.68	276	6818	0.736	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.69	278	1795	0.233	ng/ul#	78
26) Benzo(g,h,i)perylene	27.45	276	5692	0.732	ng/ul	97

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

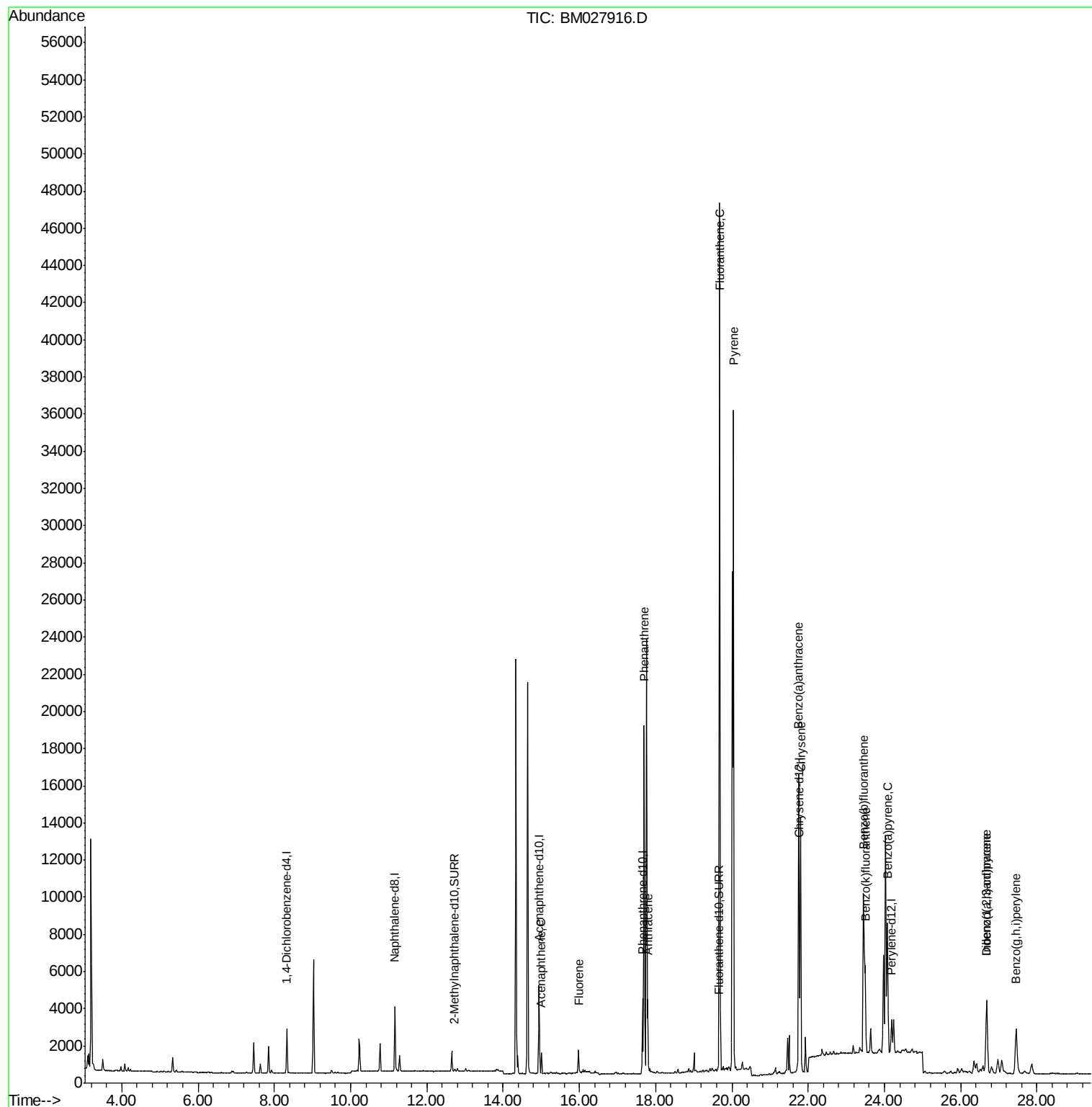
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

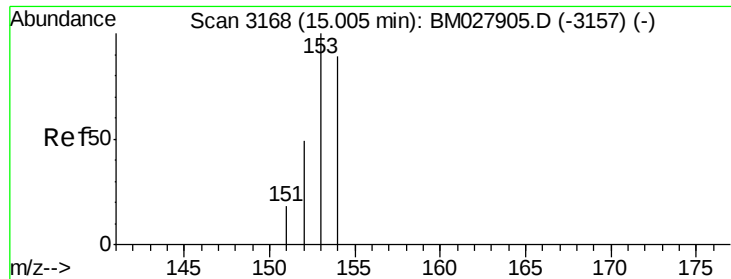
Instrument :
BNA_M
ClientSampleId :
C0B05DL

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Quant Time: Nov 23 18:03:28 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





#8

Acenaphthene

Concen: 0.069 ng/ul

RT: 15.00 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BM027916.D

Acq: 23 Nov 2020 16:48

Instrument :

BNA_M

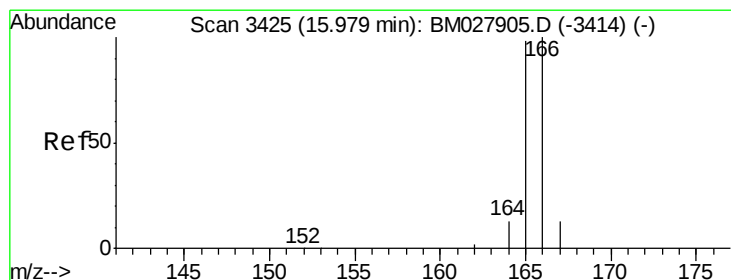
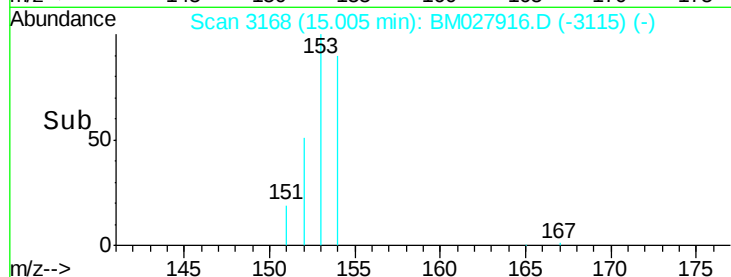
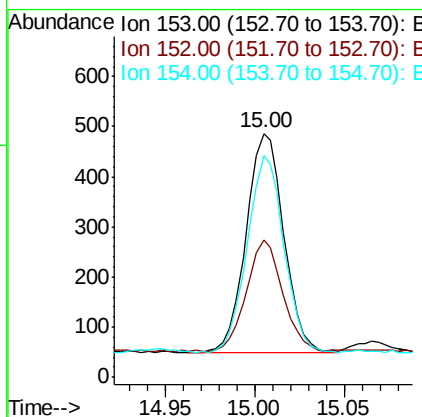
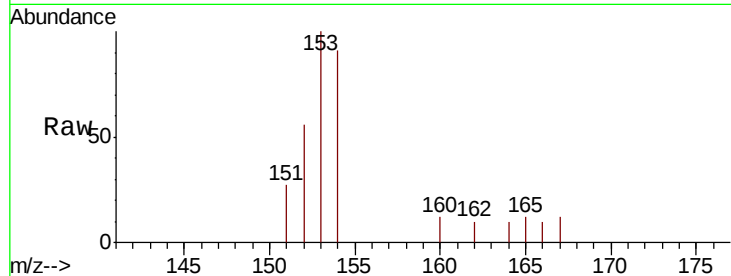
ClientSampleId :

C0B05DL

Tot Ion:	153	Resp:	636
Ion	Ratio	Lower	Upper
153	100		
152	56.2	39.0	58.6
154	91.2	71.6	107.4

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#9

Fluorene

Concen: 0.072 ng/ul

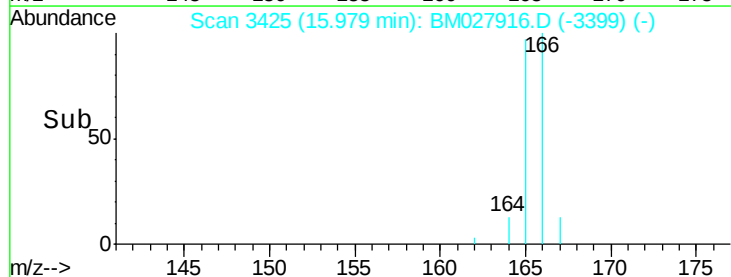
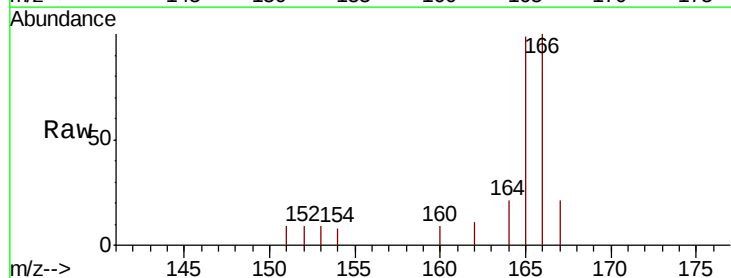
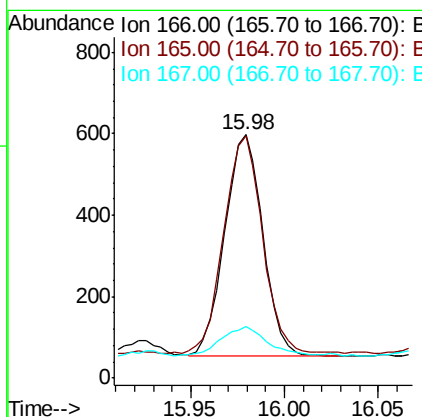
RT: 15.98 min Scan# 3425

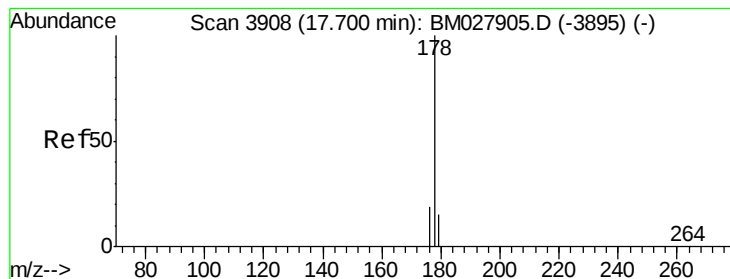
Delta R.T. -0.00 min

Lab File: BM027916.D

Acq: 23 Nov 2020 16:48

Tgt Ion:	166	Resp:	773
Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.1	117.1
167	21.1	11.8	17.8#





#12

Phenanthrene

Concen: 1.288 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. -0.00 min

Lab File: BM027916.D

Acq: 23 Nov 2020 16:48

Instrument :

BNA_M

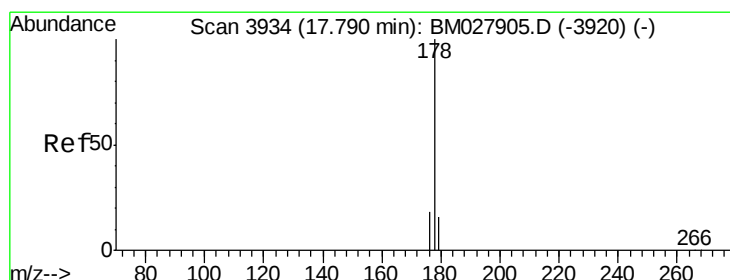
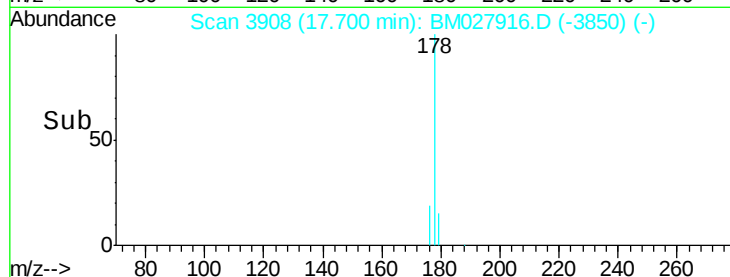
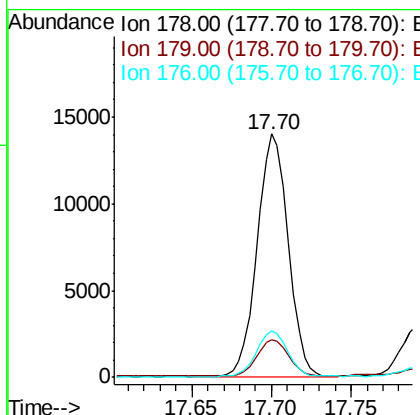
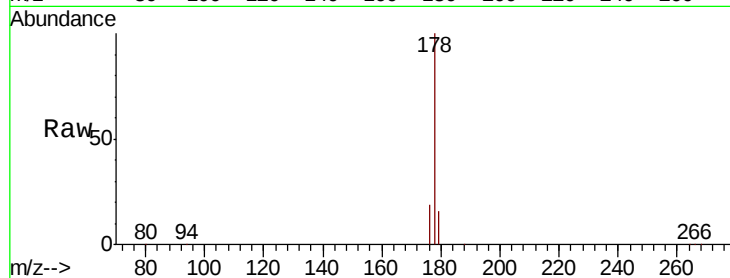
ClientSampleId :

C0B05DL

Tot Ion:	178	Resp:	18763
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.6	20.4
176	19.3	16.1	24.1

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#13

Anthracene

Concen: 0.276 ng/ul

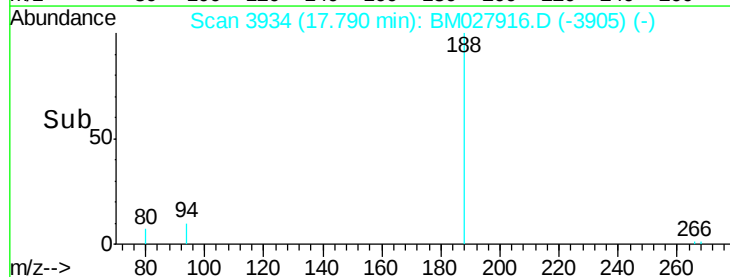
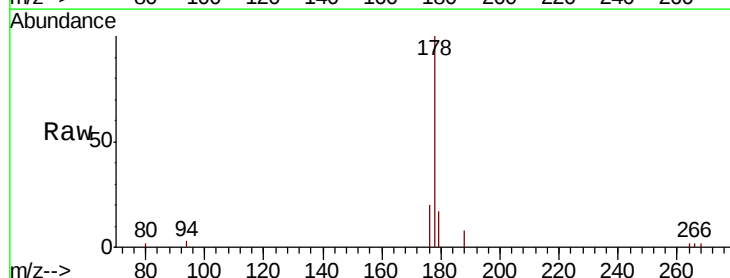
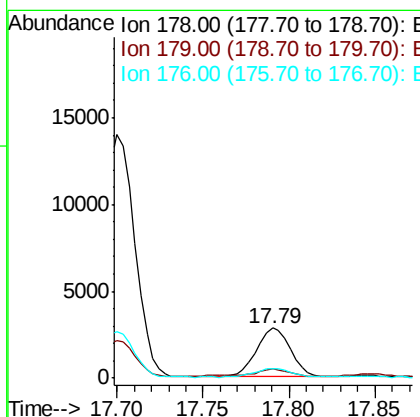
RT: 17.79 min Scan# 3934

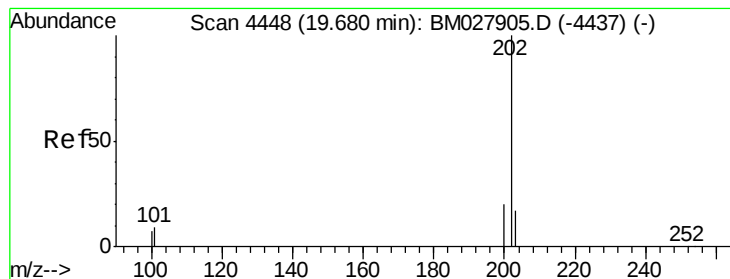
Delta R.T. -0.00 min

Lab File: BM027916.D

Acq: 23 Nov 2020 16:48

Tgt Ion:	178	Resp:	3871
Ion Ratio	Lower	Upper	
178	100		
179	17.5	13.4	20.2
176	19.7	15.0	22.6





#15

Fluoranthene

Concen: 2.415 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. -0.00 min

Lab File: BM027916.D

Acq: 23 Nov 2020 16:48

Instrument :

BNA_M

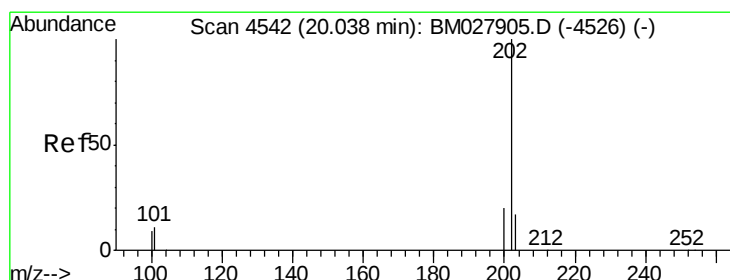
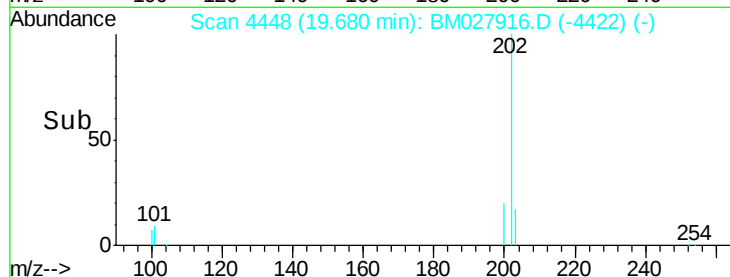
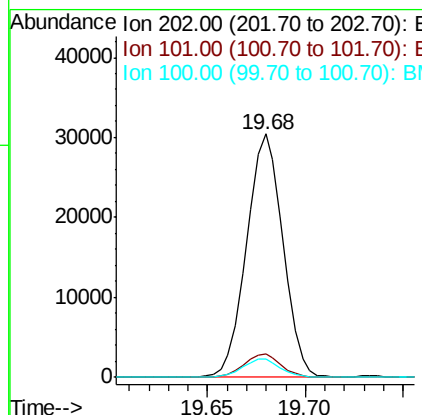
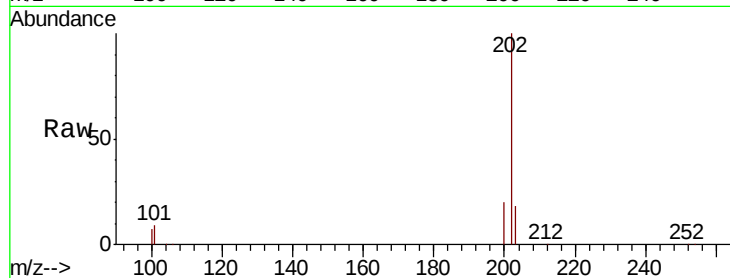
ClientSampleId :

C0B05DL

Tot Ion:	202	Resp:	39003
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	29.3
100	7.3	0.0	27.4

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#17

Pyrene

Concen: 2.356 ng/ul

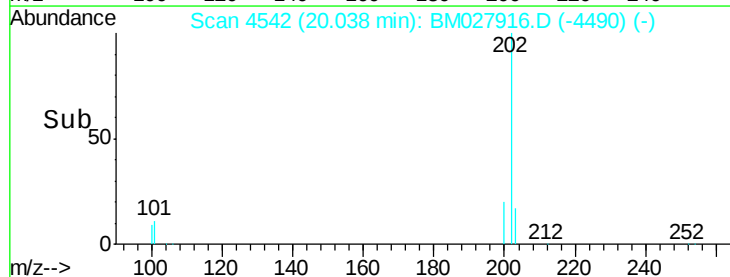
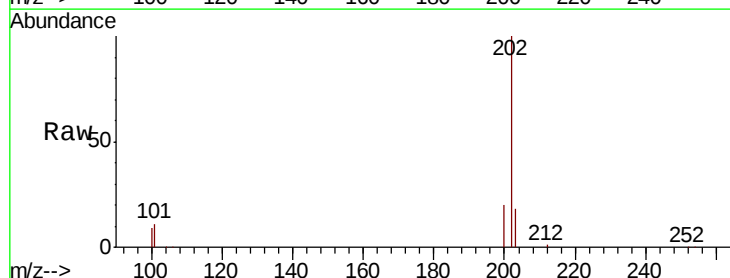
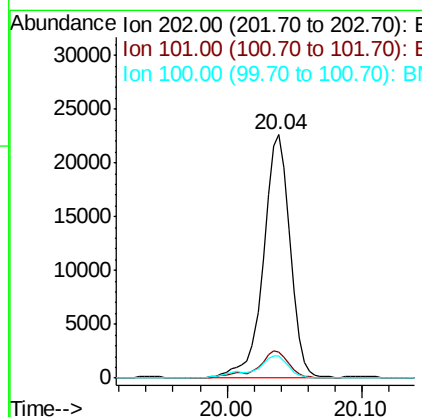
RT: 20.04 min Scan# 4542

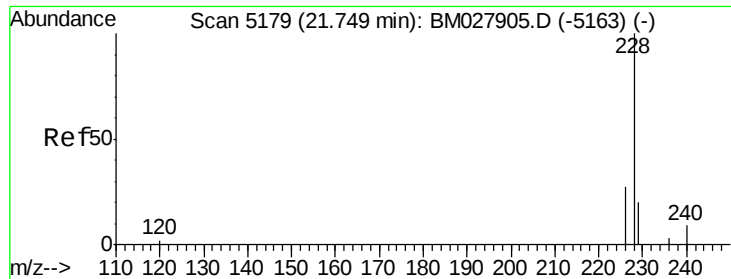
Delta R.T. -0.00 min

Lab File: BM027916.D

Acq: 23 Nov 2020 16:48

Tgt Ion:	202	Resp:	30575
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.2	12.2
100	9.0	6.9	10.3





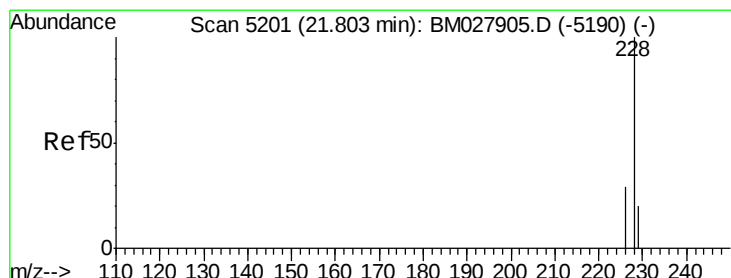
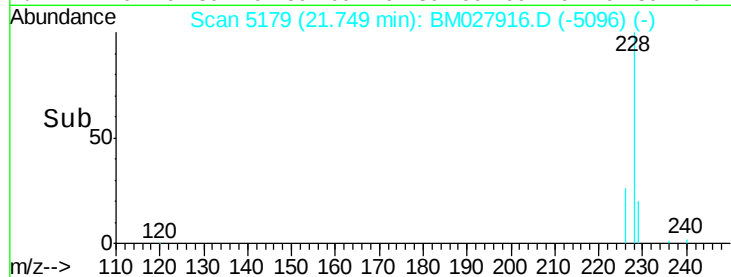
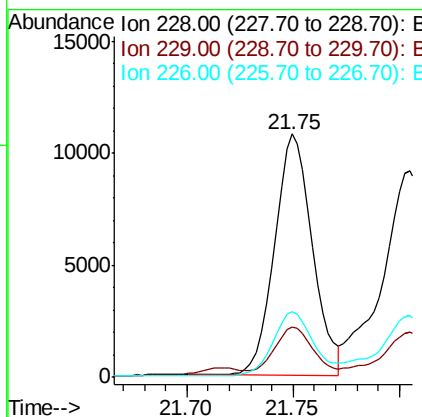
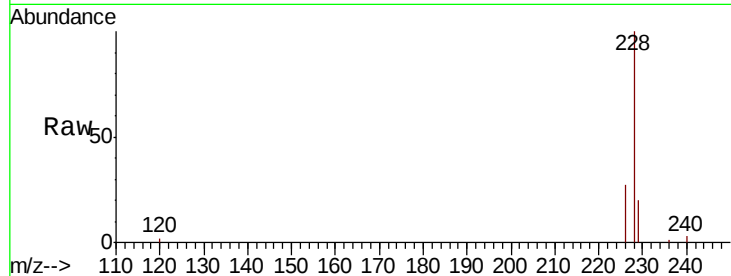
#18
Benzo(a)anthracene
Concen: 1.294 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BM027916.D
Acq: 23 Nov 2020 16:48

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

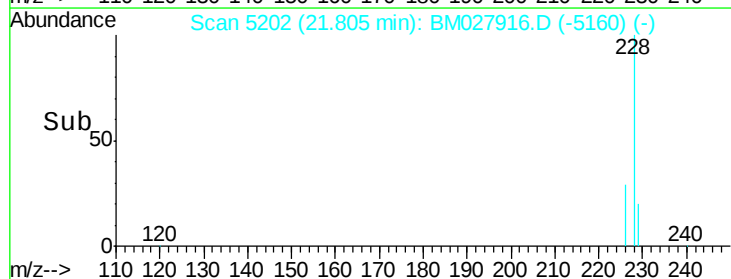
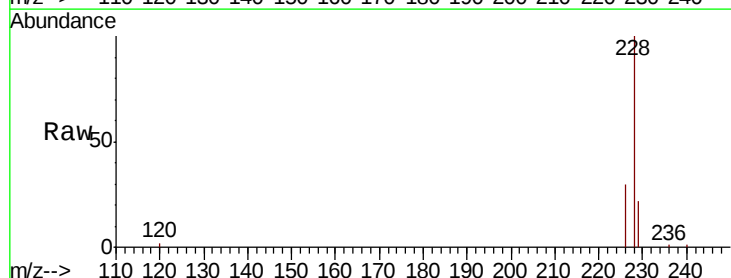
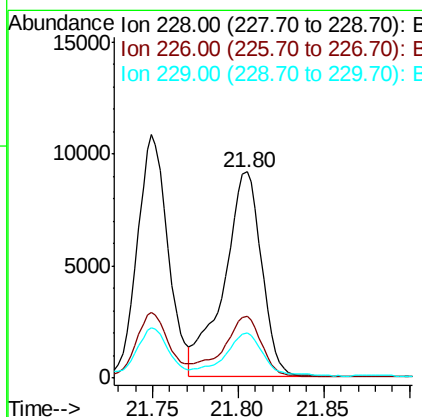
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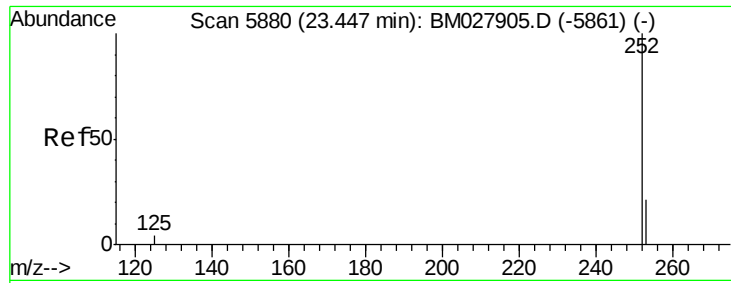
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#19
Chrysene
Concen: 1.385 ng/ul
RT: 21.80 min Scan# 5202
Delta R.T. 0.00 min
Lab File: BM027916.D
Acq: 23 Nov 2020 16:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	22.1	16.6	24.8





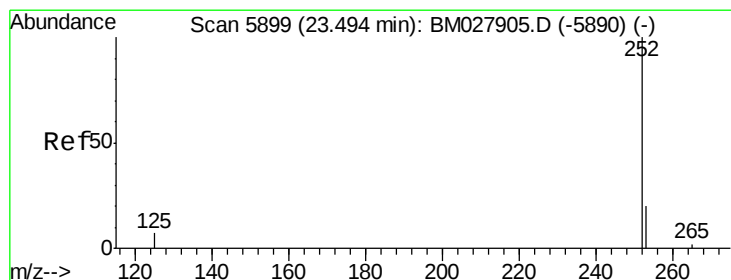
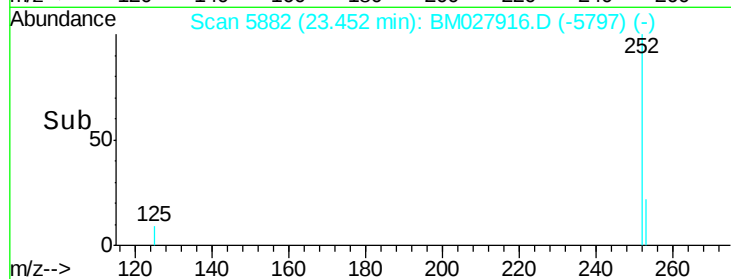
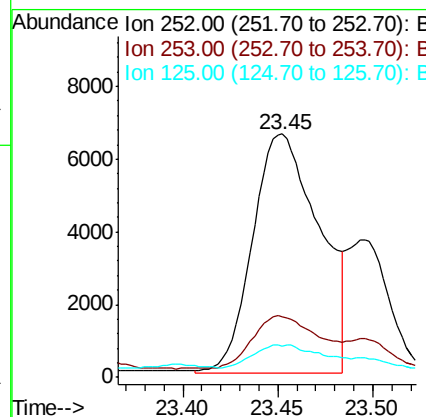
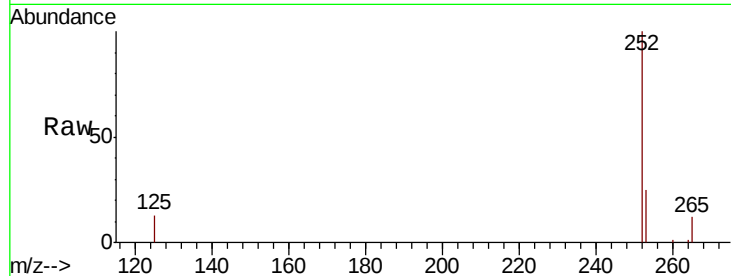
#21
Benzo(b)fluoranthene
Concen: 1.653 ng/ul m
RT: 23.45 min Scan# 5882
Delta R.T. 0.00 min
Lab File: BM027916.D
Acq: 23 Nov 2020 16:48

Instrument :
BNA_M
ClientSampleId :
C0B05DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	59.6
125	12.9	0.0	28.4

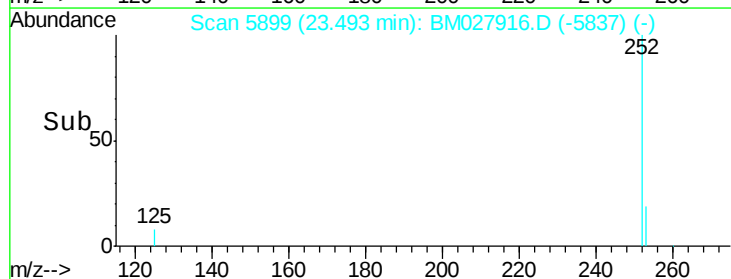
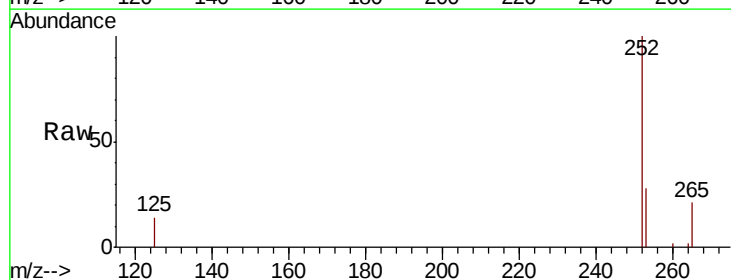
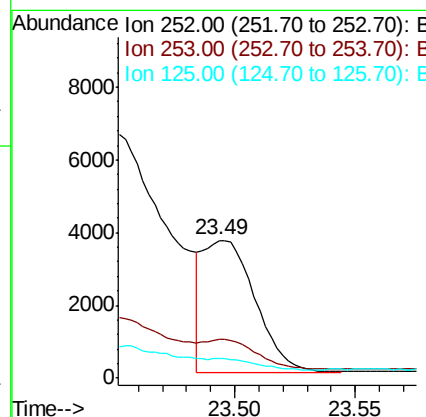
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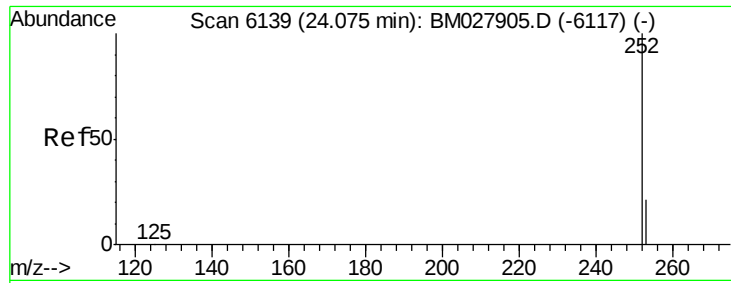
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#22
Benzo(k)fluoranthene
Concen: 0.583 ng/ul m
RT: 23.49 min Scan# 5899
Delta R.T. -0.00 min
Lab File: BM027916.D
Acq: 23 Nov 2020 16:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	23.2	34.8
125	14.0	11.8	17.6





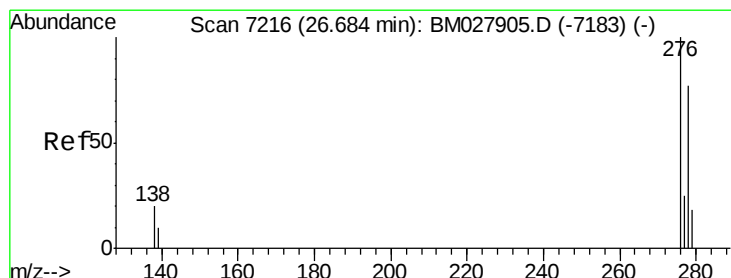
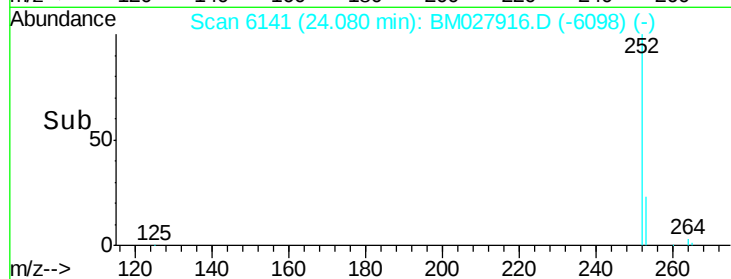
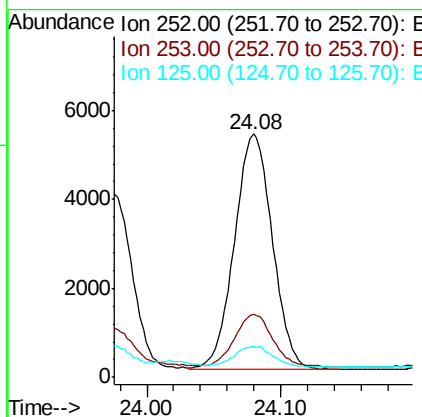
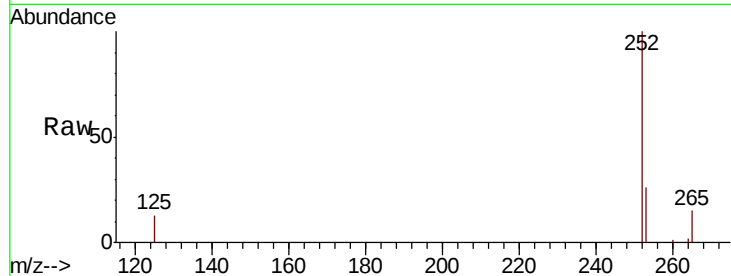
#23
Benzo(a)pyrene
Concen: 1.217 ng/ul
RT: 24.08 min Scan# 6141
Delta R.T. 0.00 min
Lab File: BM027916.D
Acq: 23 Nov 2020 16:48

Instrument :
BNA_M
ClientSampleId :
C0B05DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	25.2	37.8
125	12.8	13.8	20.6

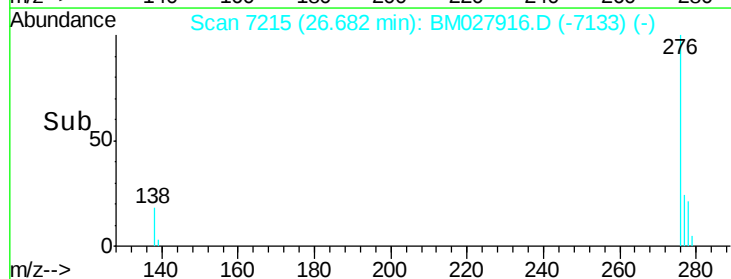
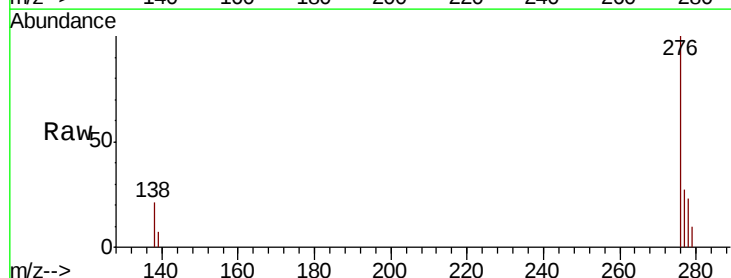
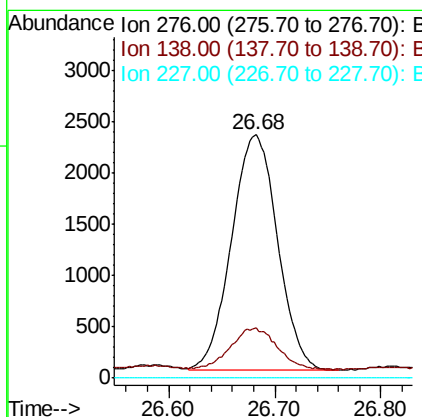
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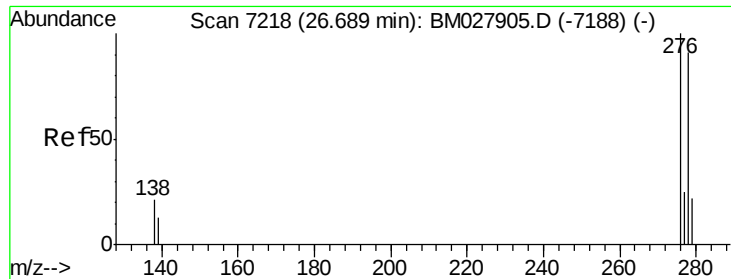
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.736 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.00 min
Lab File: BM027916.D
Acq: 23 Nov 2020 16:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.7	23.5
227	0.0	0.0	0.0





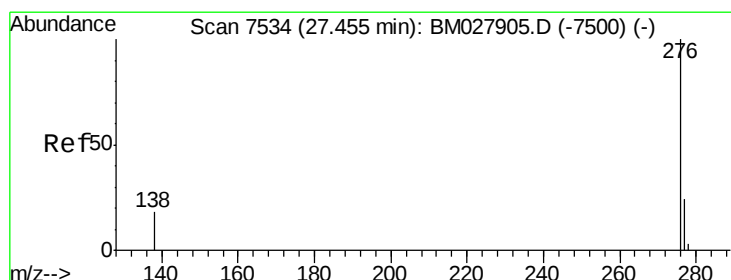
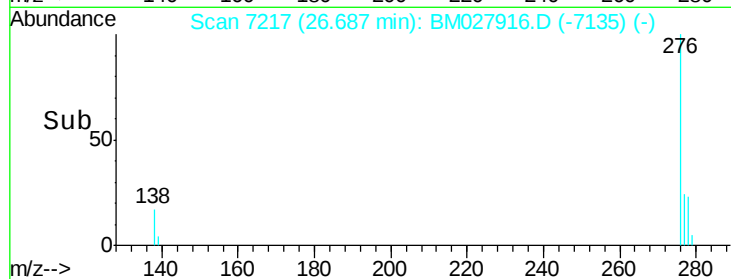
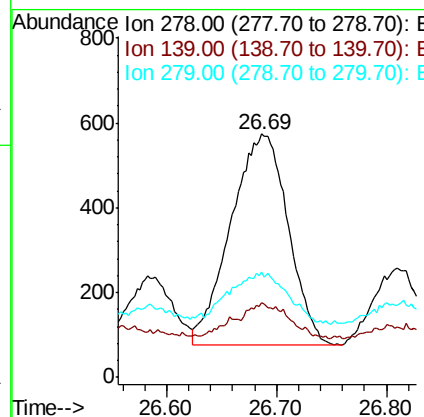
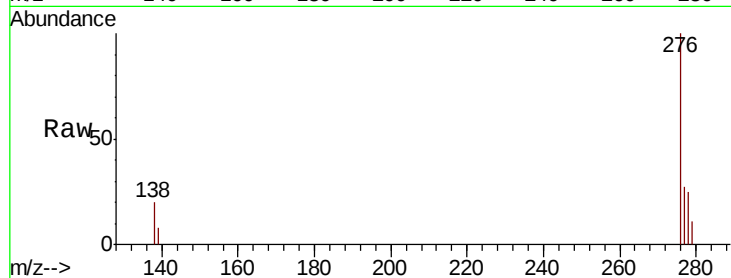
#25
Dibenzo(a,h)anthracene
Concen: 0.233 ng/ul
RT: 26.69 min Scan# 7217
Delta R.T. -0.00 min
Lab File: BM027916.D
Acq: 23 Nov 2020 16:48

Instrument :
BNA_M
ClientSampleId :
C0B05DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	30.7	14.8	22.2#
279	43.2	25.8	38.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.732 ng/ul
RT: 27.45 min Scan# 7533
Delta R.T. -0.00 min
Lab File: BM027916.D
Acq: 23 Nov 2020 16:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	17.4	26.2
277	26.5	22.5	33.7

