

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027976.D
 Acq On : 25 Nov 2020 22:38
 Operator : JU/CG
 Sample : L4749-10DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B76DL

Manual Integrations
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mohammad
 11/27/2020 11:44:11 AM

Quant Time: Nov 26 01:21:59 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 : Thu Nov 26 00:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	925	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3810	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2311	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4616	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2681	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2407	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	193	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	326	0.03	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	15.00	153	439	0.052	ng/ul	96
9) Fluorene	15.97	166	504	0.051	ng/ul#	95
12) Phenanthrene	17.69	178	18881	1.295	ng/ul	97
13) Anthracene	17.78	178	3006	0.214	ng/ul	97
15) Fluoranthene	19.67	202	36325	2.247	ng/ul	99
17) Pyrene	20.03	202	28919	2.124	ng/ul	97
18) Benzo(a)anthracene	21.74	228	10822	1.000	ng/ul	99
19) Chrysene	21.79	228	11169	1.060	ng/ul	98
21) Benzo(b)fluoranthene	23.44	252	12570m	1.243	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	4499m	0.454	ng/ul	
23) Benzo(a)pyrene	24.07	252	8475	0.958	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.66	276	5690	0.594	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.67	278	1346	0.169	ng/ul#	69
26) Benzo(g,h,i)perylene	27.43	276	5153	0.641	ng/ul	98

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

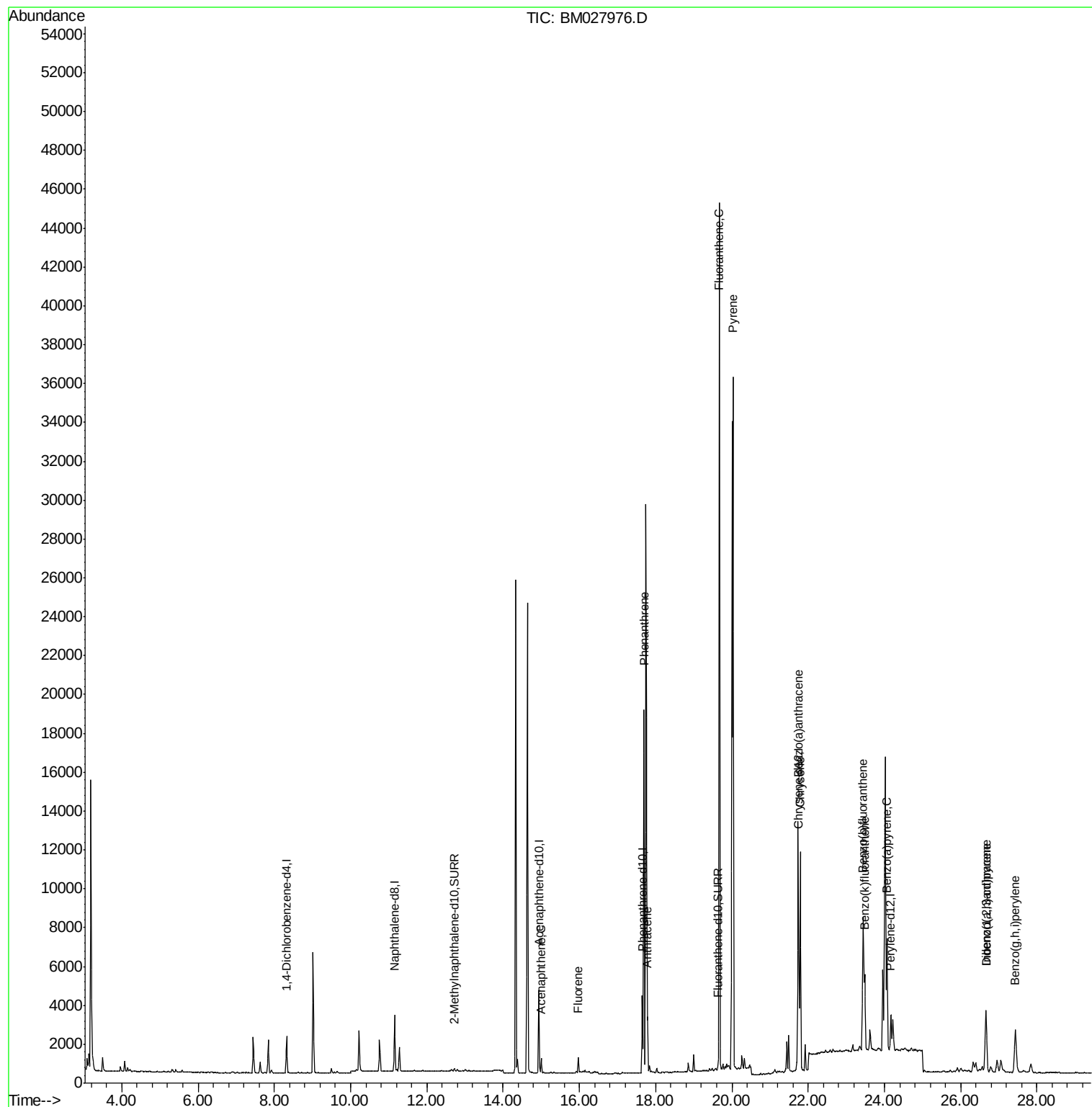
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027976.D
Acq On : 25 Nov 2020 22:38
Operator : JU/CG
Sample : L4749-10DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

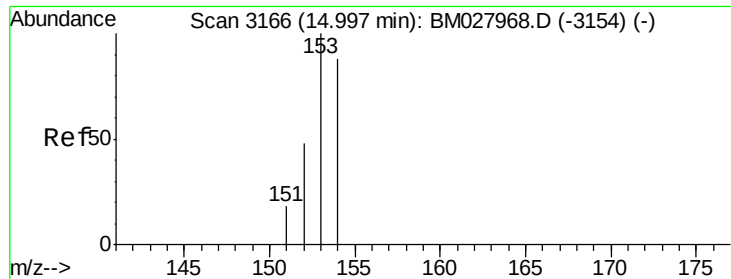
Instrument :
BNA_M
ClientSampleId :
C0B76DL

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Quant Time: Nov 26 01:21:59 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 : Thu Nov 26 00:48:20 2020
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.052 ng/ul

RT: 15.00 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BM027976.D

Acq: 25 Nov 2020 22:38

Instrument :

BNA_M

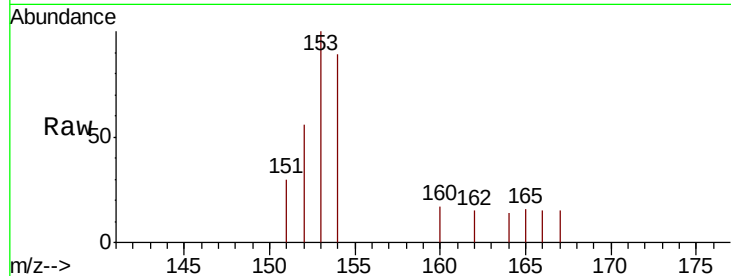
ClientSampleId :

C0B76DL

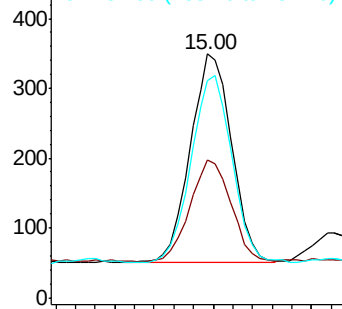
Tot Ion:	153	Resp:	439
Ion	Ratio	Lower	Upper
153	100		
152	56.4	39.0	58.6
154	89.1	71.6	107.4

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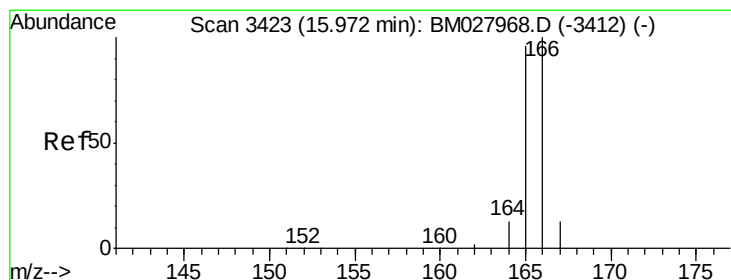
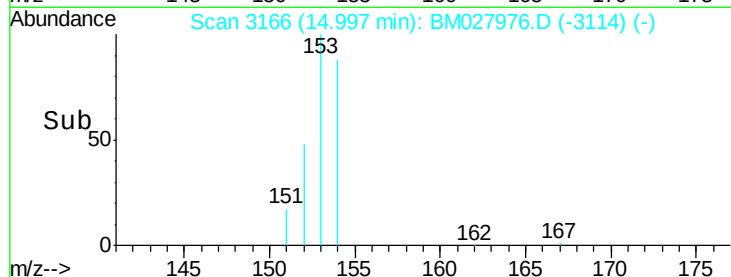
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.051 ng/ul

RT: 15.97 min Scan# 3423

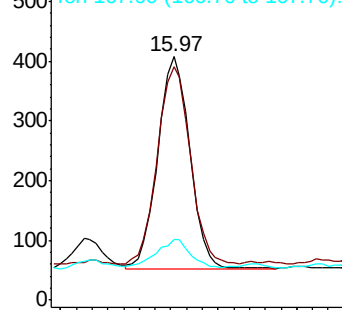
Delta R.T. 0.00 min

Lab File: BM027976.D

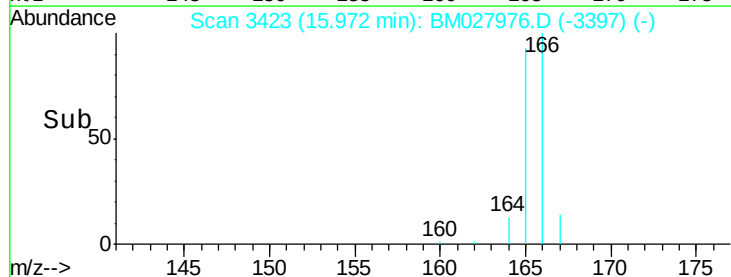
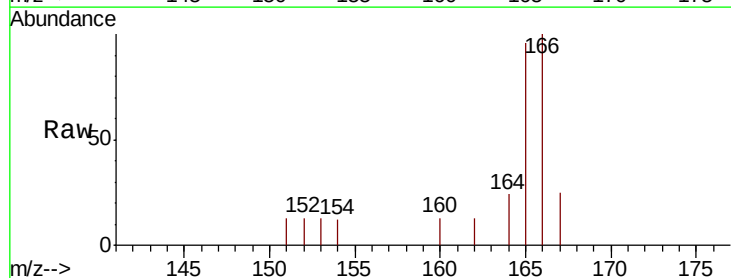
Acq: 25 Nov 2020 22:38

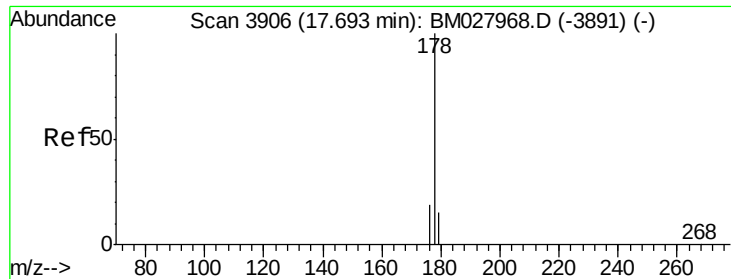
Tgt Ion:	166	Resp:	504
Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.1	117.1
167	25.0	11.8	17.8#

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: 1.295 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. -0.00 min

Lab File: BM027976.D

Acq: 25 Nov 2020 22:38

Instrument :

BNA_M

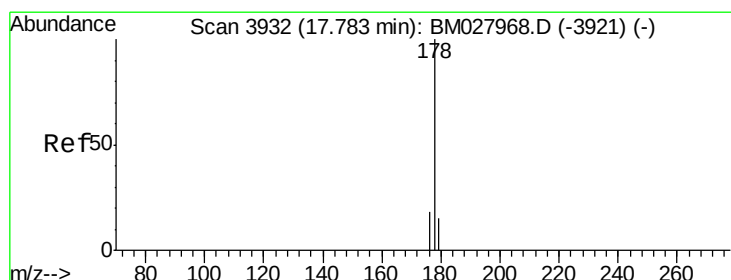
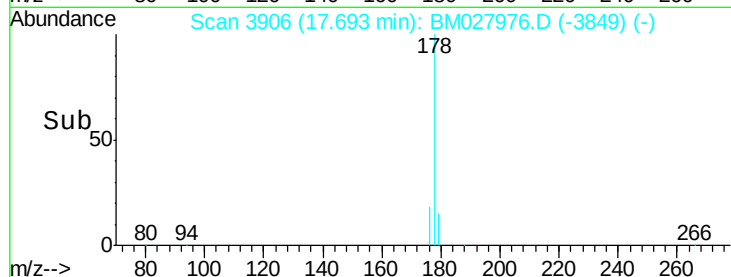
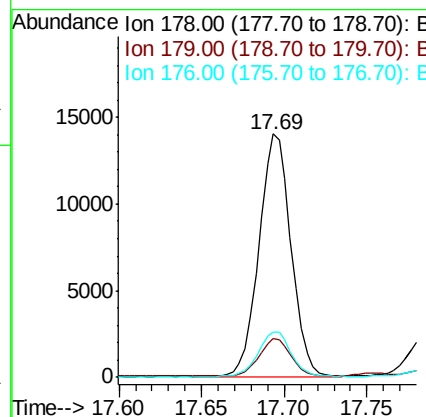
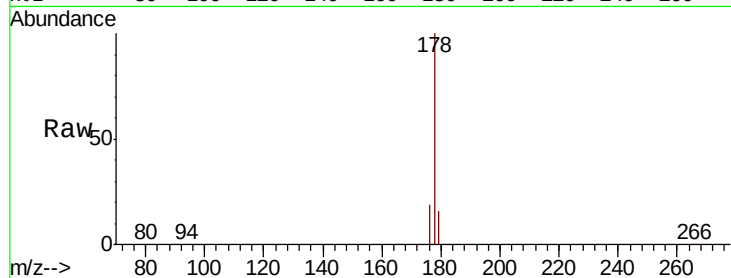
ClientSampleId :

C0B76DL

Tot Ion:	178	Resp:	18881
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: 0.214 ng/ul

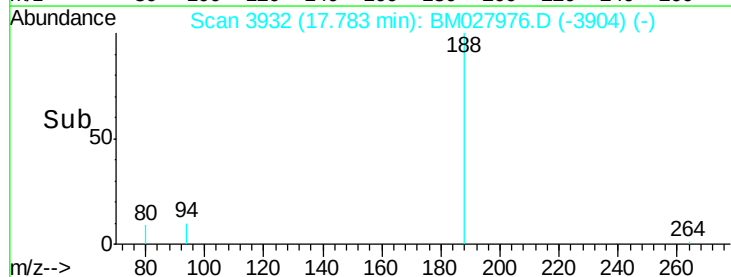
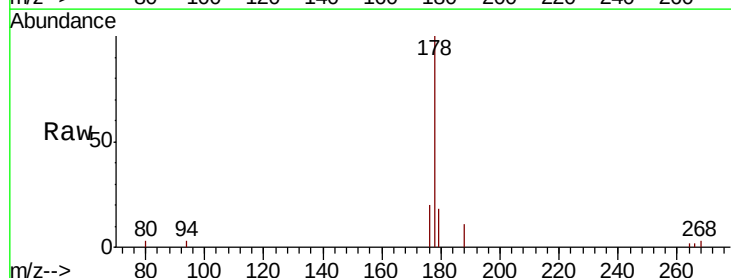
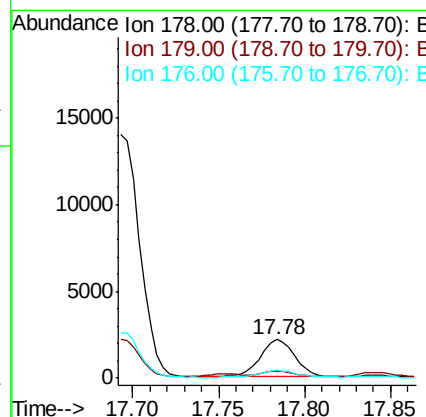
RT: 17.78 min Scan# 3932

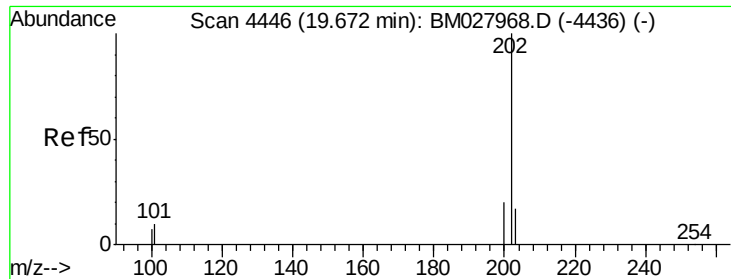
Delta R.T. -0.00 min

Lab File: BM027976.D

Acq: 25 Nov 2020 22:38

Tgt Ion:	178	Resp:	3006
Ion Ratio	Lower	Upper	
178	100		
179	17.9	13.4	20.2
176	20.5	15.0	22.6





#15

Fluoranthene

Concen: 2.247 ng/ul

RT: 19.67 min Scan# 4446

Delta R.T. 0.00 min

Lab File: BM027976.D

Acq: 25 Nov 2020 22:38

Instrument :

BNA_M

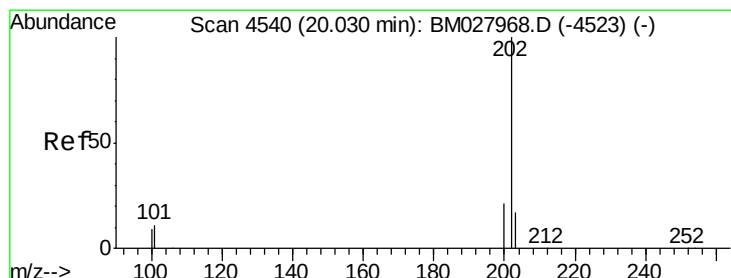
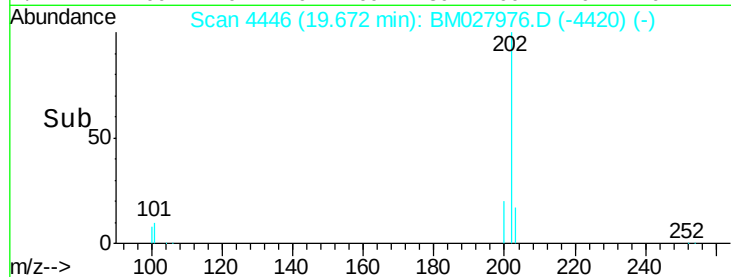
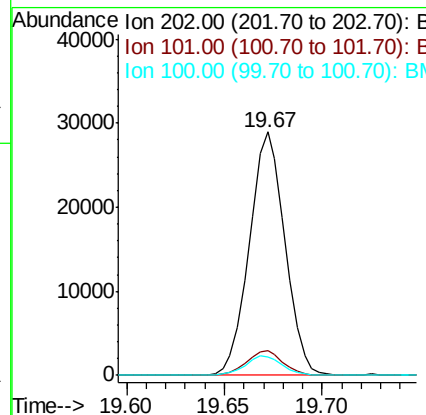
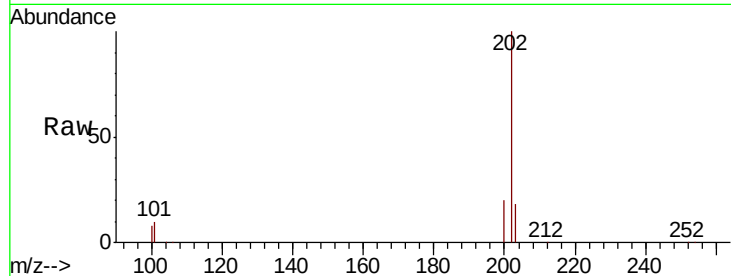
ClientSampleId :

C0B76DL

Tot Ion:	202	Resp:	36325
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	29.3
100	7.7	0.0	27.4

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#17

Pyrene

Concen: 2.124 ng/ul

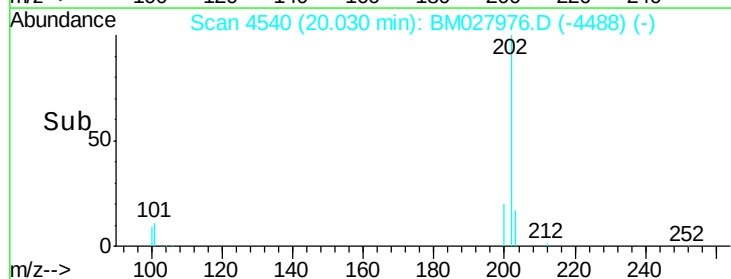
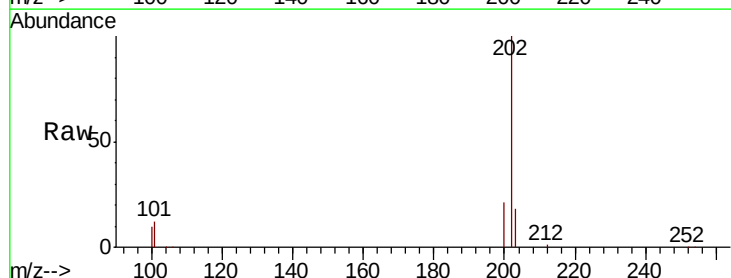
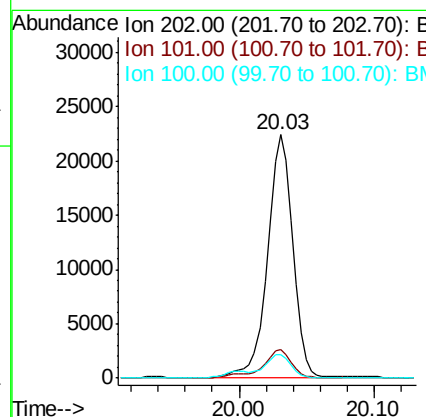
RT: 20.03 min Scan# 4540

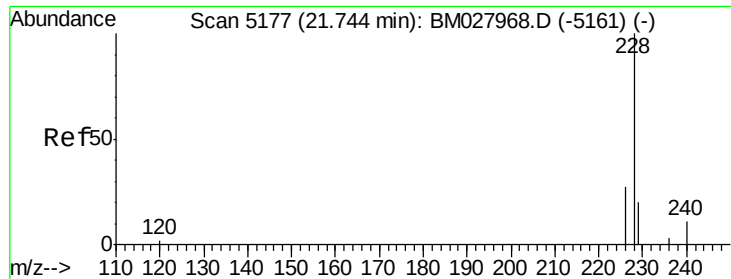
Delta R.T. -0.00 min

Lab File: BM027976.D

Acq: 25 Nov 2020 22:38

Tgt Ion:	202	Resp:	28919
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.2	12.2
100	9.6	6.9	10.3





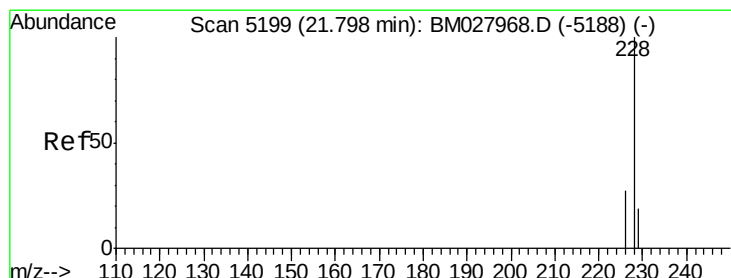
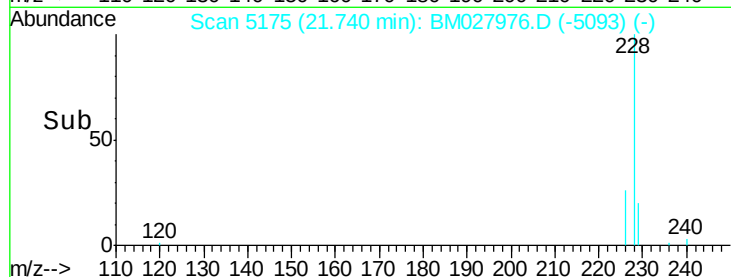
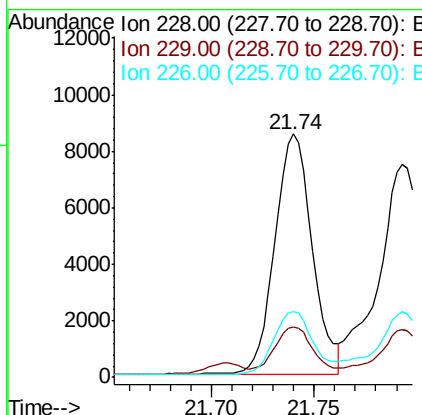
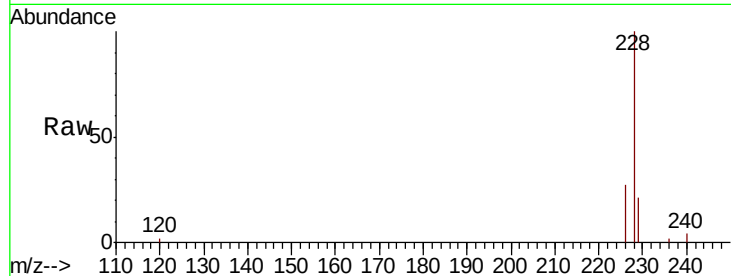
#18
Benzo(a)anthracene
Concen: 1.000 ng/ul
RT: 21.74 min Scan# 5175
Delta R.T. -0.00 min
Lab File: BM027976.D
Acq: 25 Nov 2020 22:38

Instrument :
BNA_M
ClientSampleId :
C0B76DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.4
226	27.1	21.5	32.3

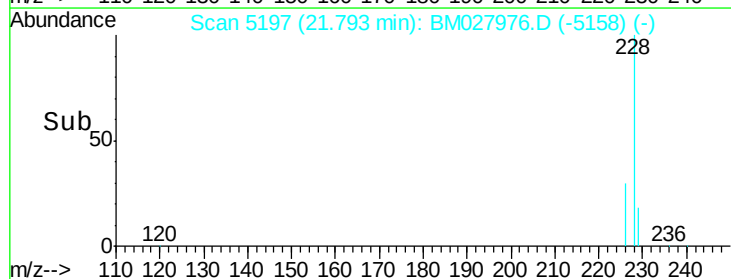
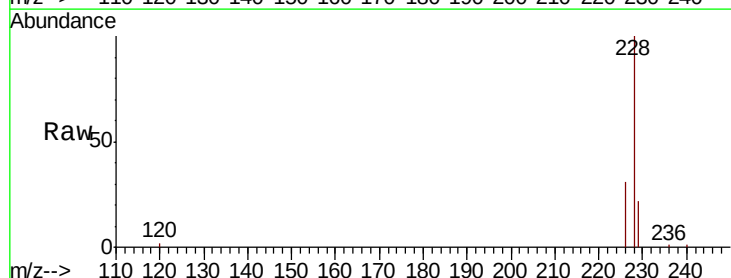
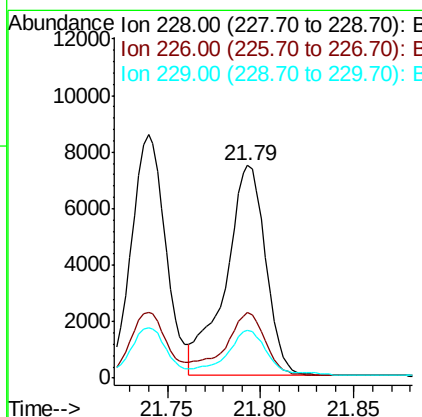
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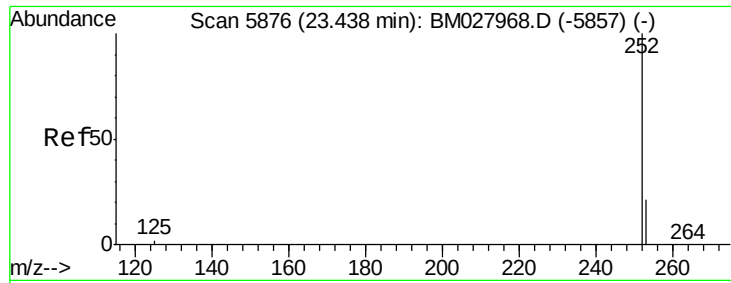
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#19
Chrysene
Concen: 1.060 ng/ul
RT: 21.79 min Scan# 5197
Delta R.T. -0.00 min
Lab File: BM027976.D
Acq: 25 Nov 2020 22:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	22.5	16.6	24.8





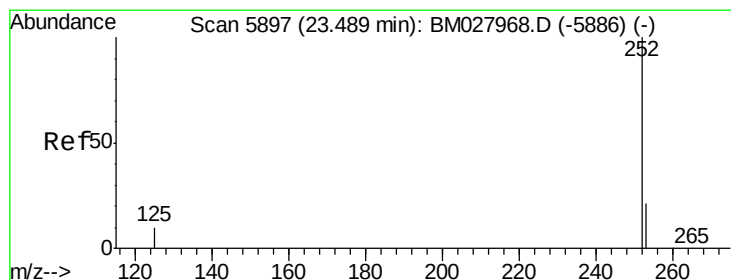
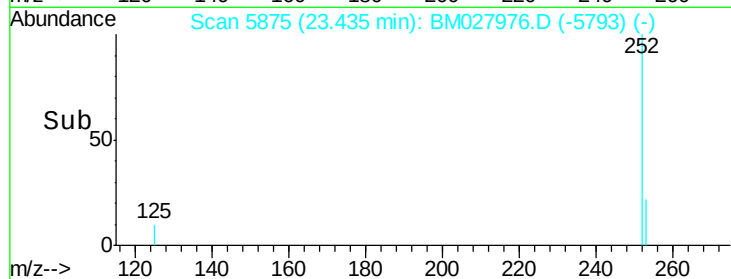
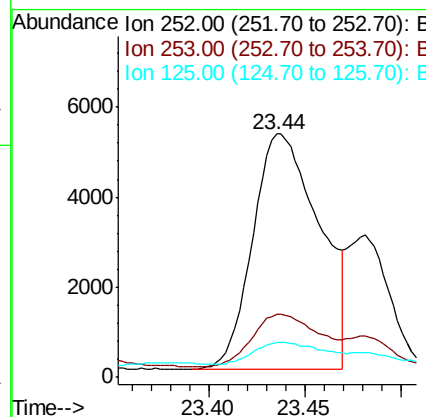
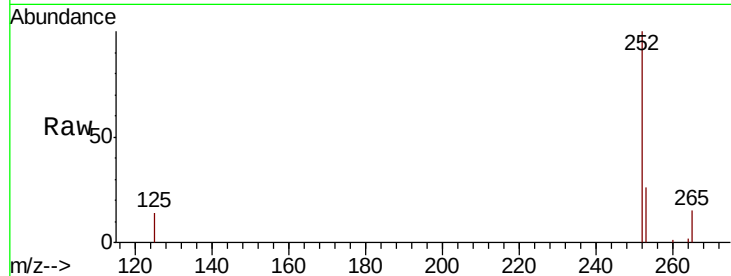
#21
Benzo(b)fluoranthene
Concen: 1.243 ng/ul m
RT: 23.44 min Scan# 5875
Delta R.T. -0.00 min
Lab File: BM027976.D
Acq: 25 Nov 2020 22:38

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	59.6
125	14.5	0.0	28.4

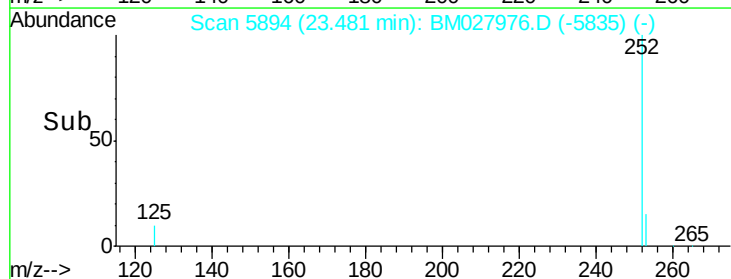
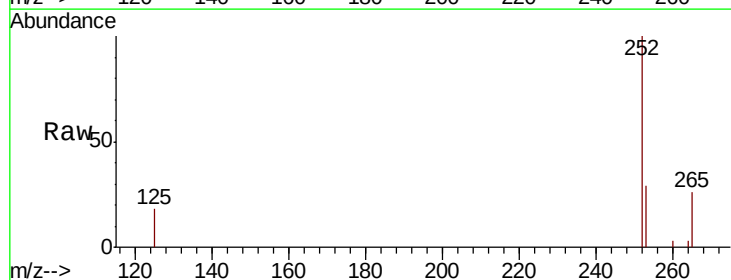
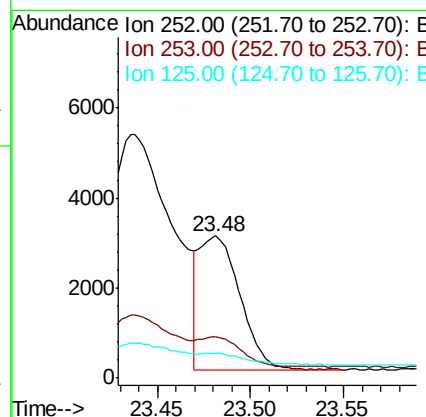
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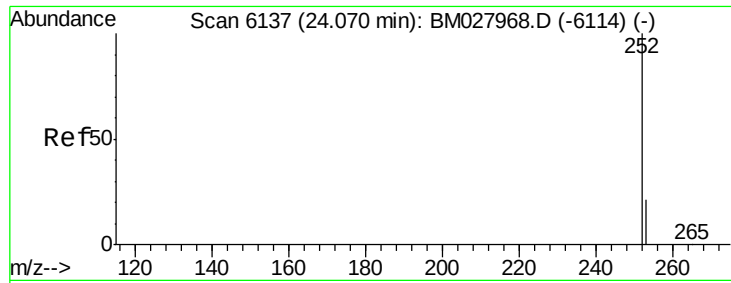
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#22
Benzo(k)fluoranthene
Concen: 0.454 ng/ul m
RT: 23.48 min Scan# 5894
Delta R.T. -0.01 min
Lab File: BM027976.D
Acq: 25 Nov 2020 22:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	23.2	34.8
125	17.5	11.8	17.6





#23

Benzo(a)pyrene

Concen: 0.958 ng/ul

RT: 24.07 min Scan# 6135

Delta R.T. -0.00 min

Lab File: BM027976.D

Acq: 25 Nov 2020 22:38

Instrument :

BNA_M

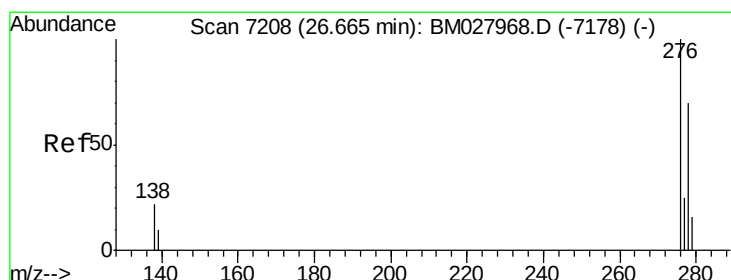
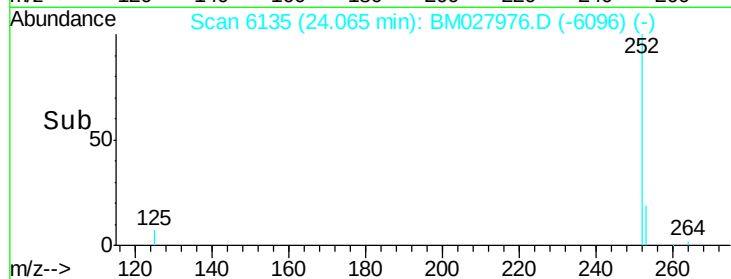
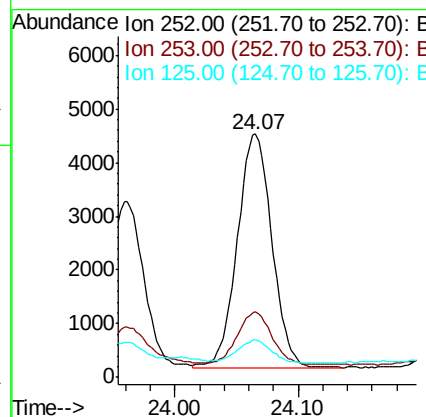
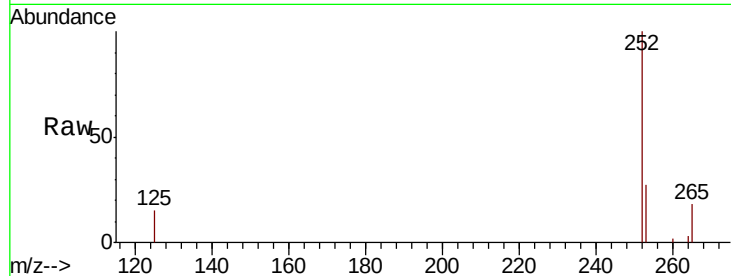
ClientSampleId :

C0B76DL

Tot Ion:	252	Resp:	8475
Ion Ratio	Lower	Upper	
252	100		
253	26.8	25.2	37.8
125	15.2	13.8	20.6

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.594 ng/ul

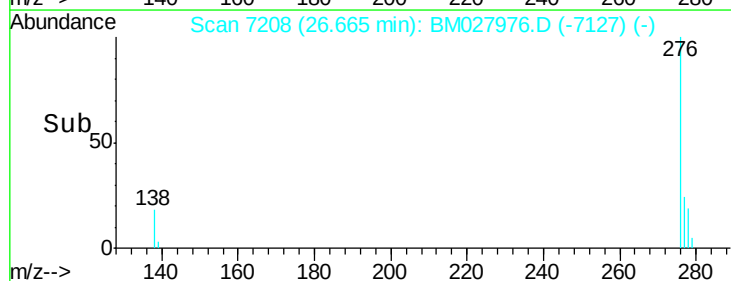
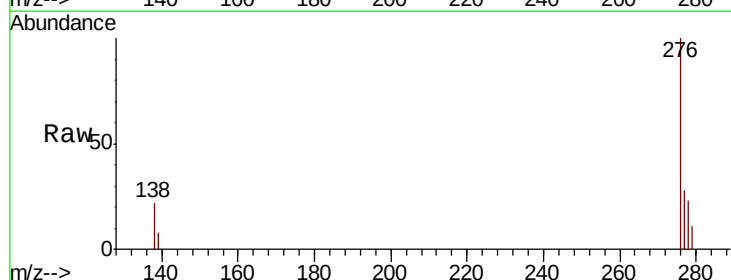
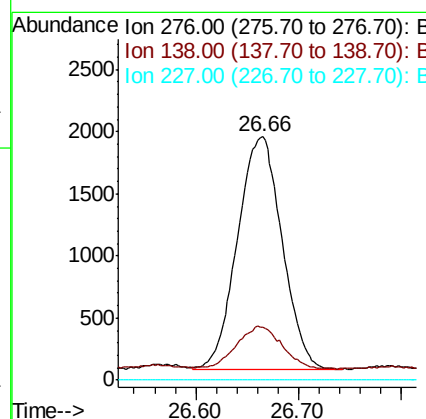
RT: 26.66 min Scan# 7208

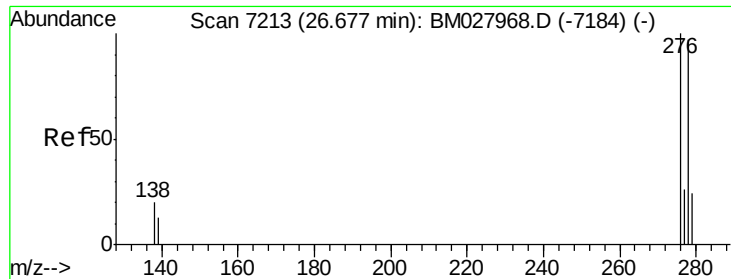
Delta R.T. -0.00 min

Lab File: BM027976.D

Acq: 25 Nov 2020 22:38

Tgt Ion:	276	Resp:	5690
Ion Ratio	Lower	Upper	
276	100		
138	18.4	15.7	23.5
227	0.0	0.0	0.0





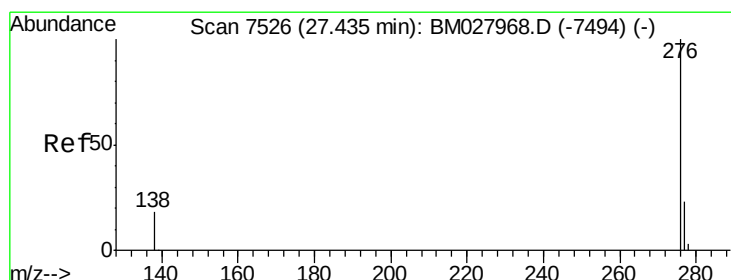
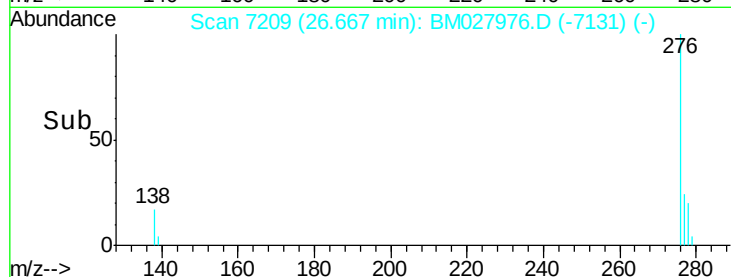
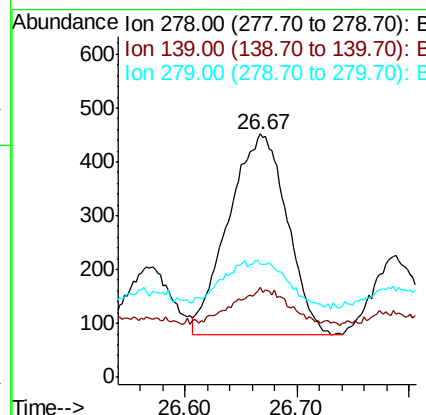
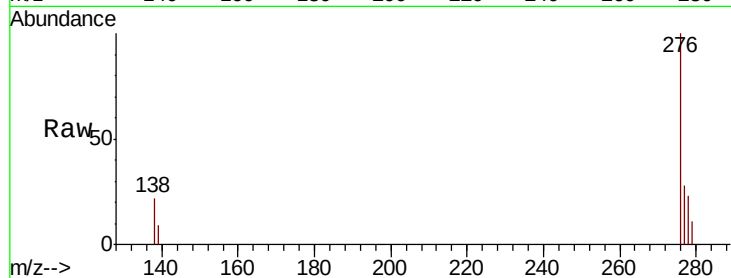
#25
Dibenzo(a,h)anthracene
Concen: 0.169 ng/ul
RT: 26.67 min Scan# 7209
Delta R.T. -0.01 min
Lab File: BM027976.D
Acq: 25 Nov 2020 22:38

Instrument :
BNA_M
ClientSampled :
C0B76DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	36.9	14.8	22.2#
279	46.5	25.8	38.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.641 ng/ul
RT: 27.43 min Scan# 7525
Delta R.T. -0.01 min
Lab File: BM027976.D
Acq: 25 Nov 2020 22:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	17.4	26.2
277	27.5	22.5	33.7

