

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027970.D
 Acq On : 25 Nov 2020 19:00
 Operator : JU/CG
 Sample : L4749-05DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B37DL

Manual Integrations
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 11/27/2020 11:43:56 AM

Quant Time: Nov 26 00:59:11 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	1009	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4039	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2264	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4009	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2233	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2104	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	207	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	307	0.03	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	15.00	153	173	0.021	ng/ul#	87
9) Fluorene	15.97	166	227	0.024	ng/ul#	93
12) Phenanthrene	17.69	178	7147	0.564	ng/ul	98
13) Anthracene	17.78	178	1190	0.097	ng/ul#	90
15) Fluoranthene	19.67	202	17198	1.225	ng/ul	98
17) Pyrene	20.03	202	13956	1.231	ng/ul	96
18) Benzo(a)anthracene	21.74	228	6177	0.686	ng/ul	99
19) Chrysene	21.80	228	6821	0.777	ng/ul	98
21) Benzo(b)fluoranthene	23.44	252	8273m	0.936	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	2916m	0.337	ng/ul	
23) Benzo(a)pyrene	24.07	252	5556	0.719	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.67	276	3964	0.474	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.67	278	959	0.138	ng/ul#	63
26) Benzo(g,h,i)perylene	27.44	276	3550	0.505	ng/ul	99

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

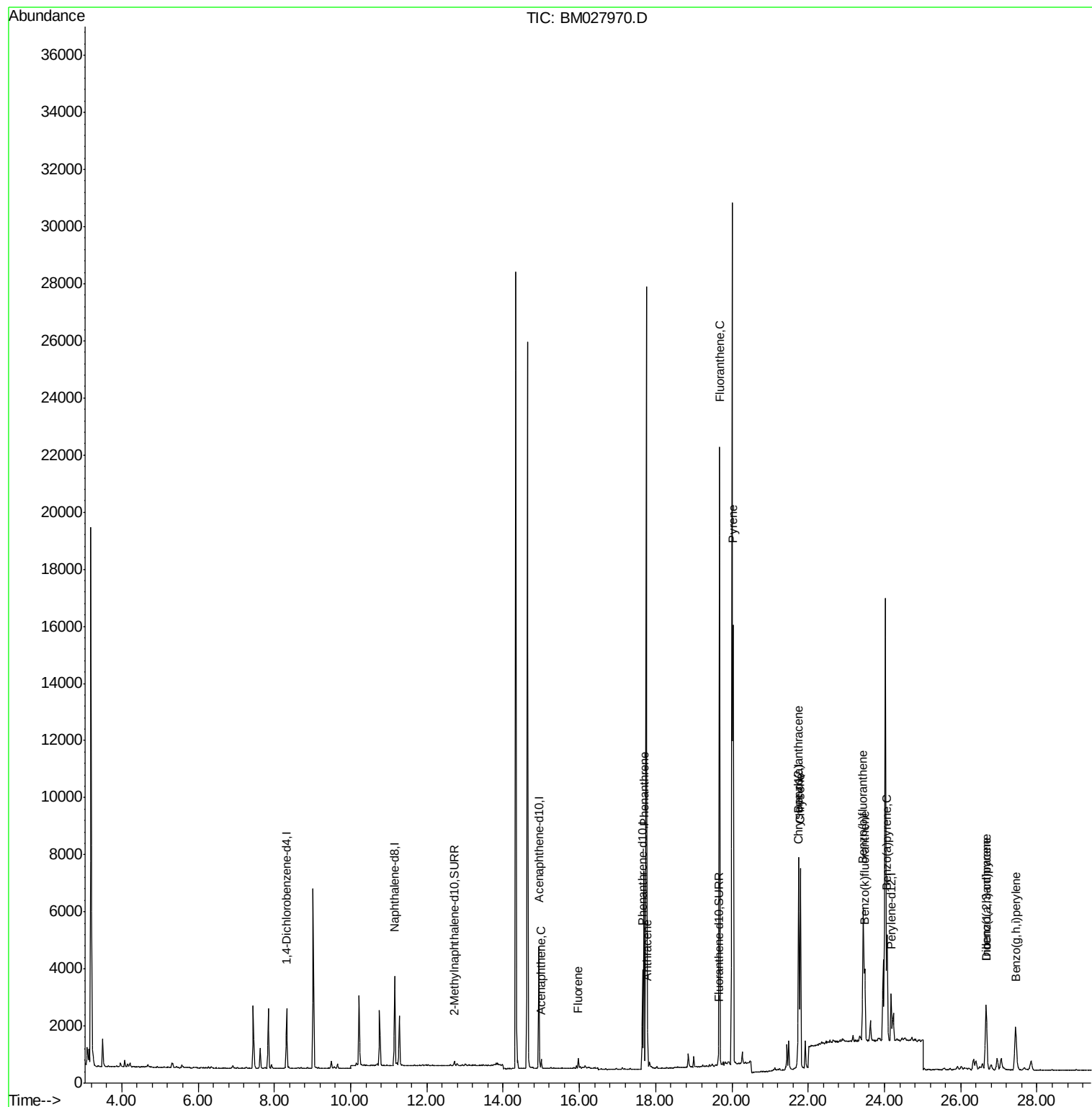
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027970.D
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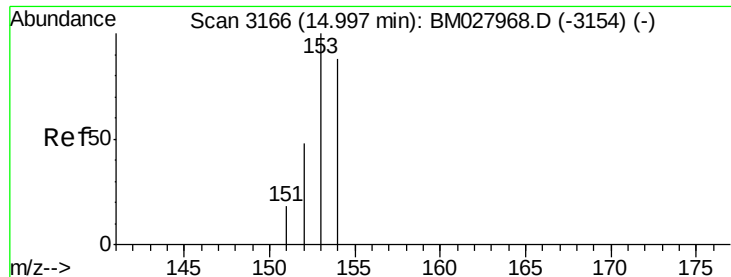
Instrument :
BNA_M
ClientSampleId :
C0B37DL

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11/27/2020 11:43:56 AM

Quant Time: Nov 26 00:59:11 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: 0.021 ng/ul

RT: 15.00 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BM027970.D

Acq: 25 Nov 2020 19:00

Instrument :

BNA_M

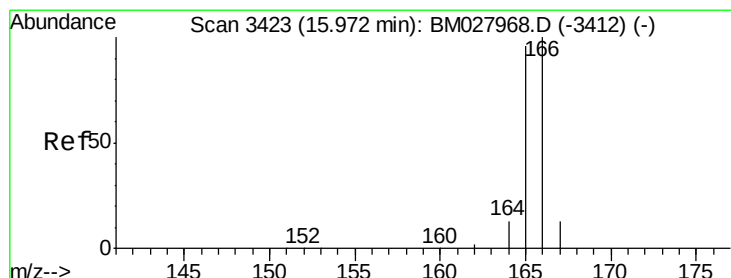
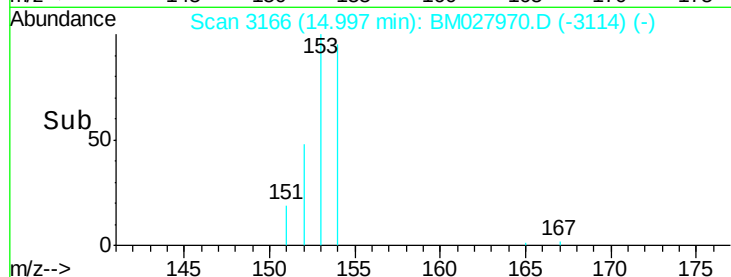
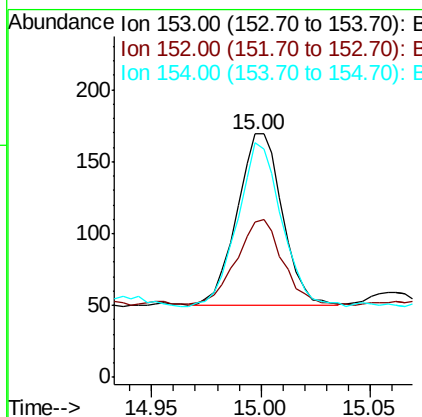
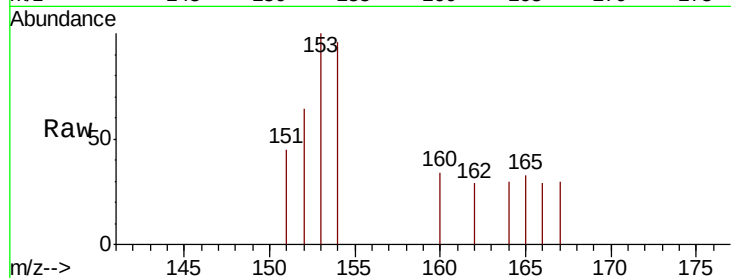
ClientSampleId :

C0B37DL

Tot Ion:	153	Resp:	173
Ion	Ratio	Lower	Upper
153	100		
152	63.9	39.0	58.6#
154	96.4	71.6	107.4

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#9

Fluorene

Concen: 0.024 ng/ul

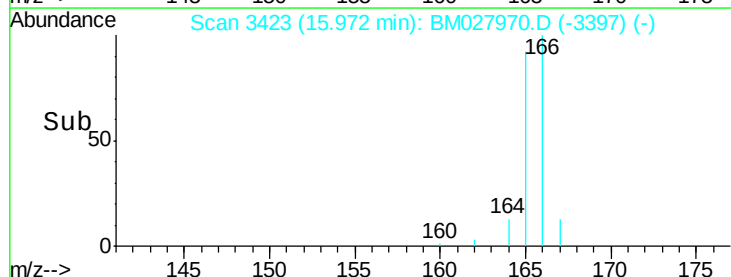
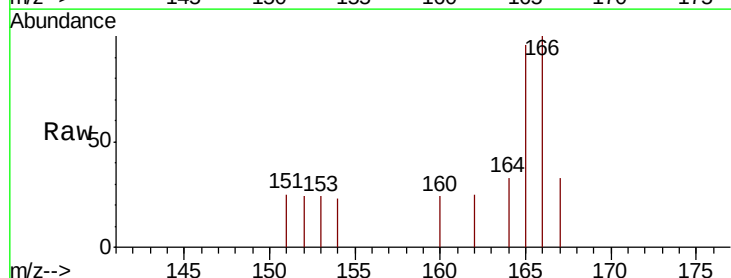
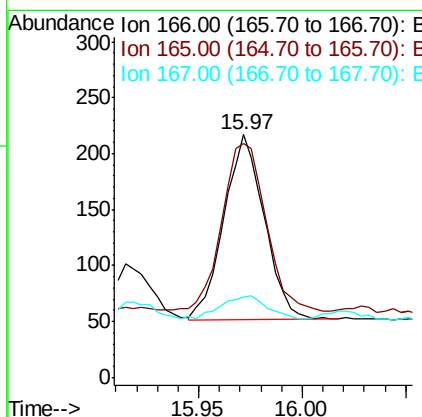
RT: 15.97 min Scan# 3423

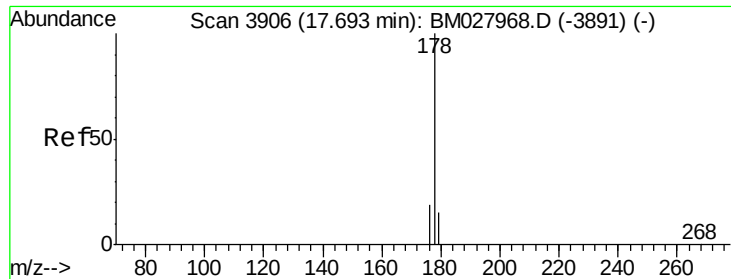
Delta R.T. 0.00 min

Lab File: BM027970.D

Acq: 25 Nov 2020 19:00

Tgt Ion:	166	Resp:	227
Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.1	117.1
167	33.2	11.8	17.8#





#12

Phenanthrene

Concen: 0.564 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. -0.00 min

Lab File: BM027970.D

Acq: 25 Nov 2020 19:00

Instrument :

BNA_M

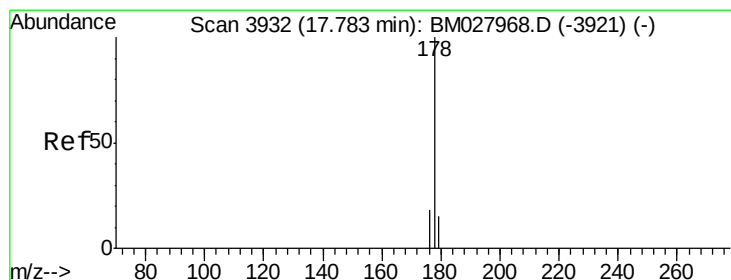
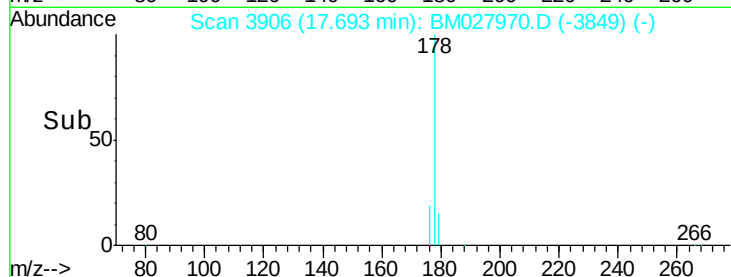
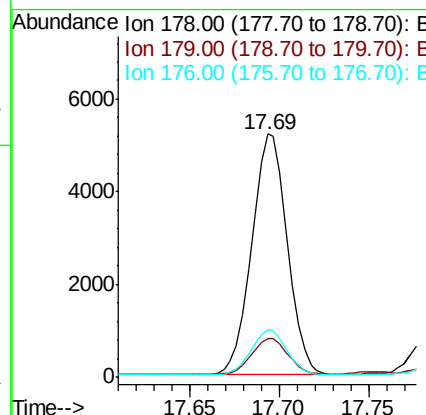
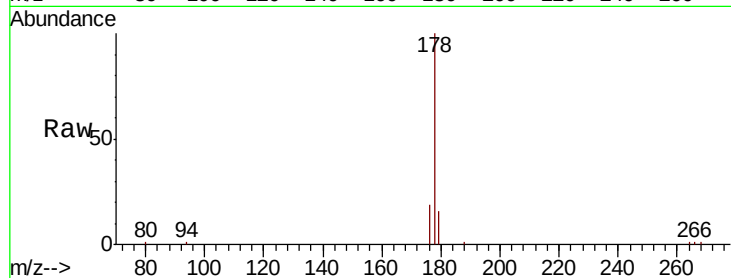
ClientSampleId :

C0B37DL

Tot Ion:178	Resp:	7147
Ion Ratio	Lower	Upper
178	100	
179	16.1	13.6 20.4
176	19.4	16.1 24.1

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#13

Anthracene

Concen: 0.097 ng/ul

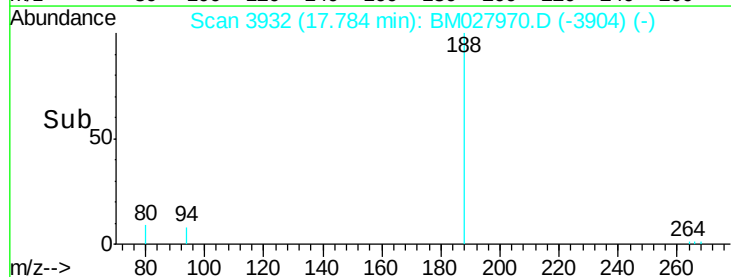
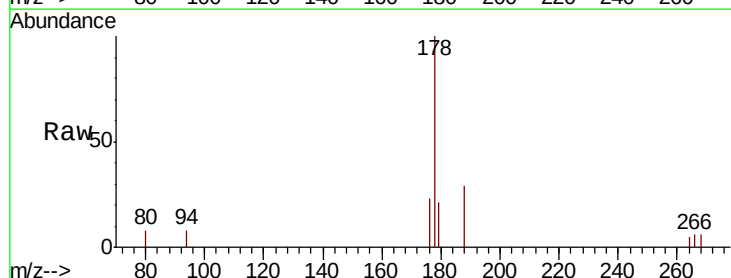
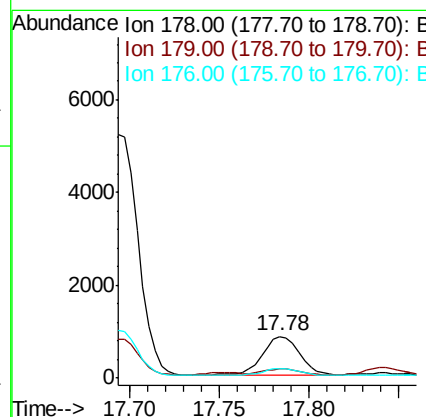
RT: 17.78 min Scan# 3932

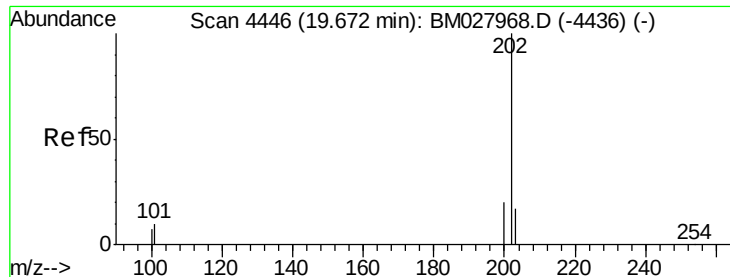
Delta R.T. -0.00 min

Lab File: BM027970.D

Acq: 25 Nov 2020 19:00

Tgt Ion:178	Resp:	1190
Ion Ratio	Lower	Upper
178	100	
179	21.0	13.4 20.2#
176	23.0	15.0 22.6#





#15

Fluoranthene

Concen: 1.225 ng/ul

RT: 19.67 min Scan# 4446

Delta R.T. 0.00 min

Lab File: BM027970.D

Acq: 25 Nov 2020 19:00

Instrument :

BNA_M

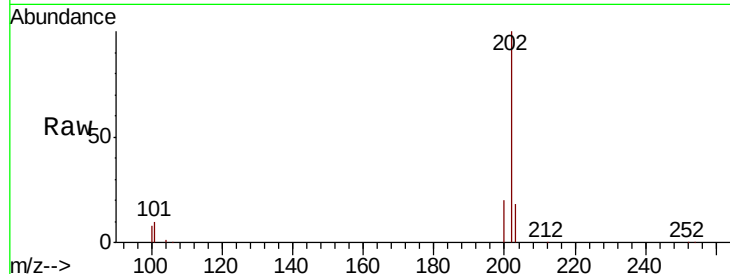
ClientSampleId :

C0B37DL

Tot Ion:	202	Resp:	17198
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	29.3
100	8.2	0.0	27.4

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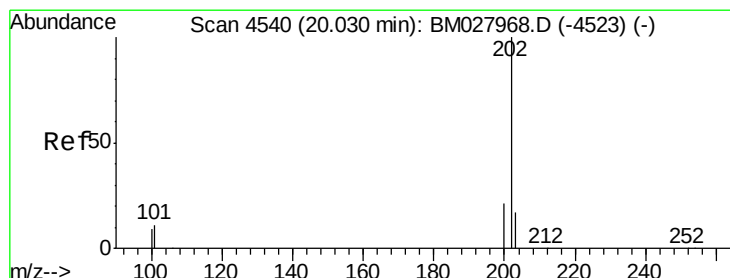
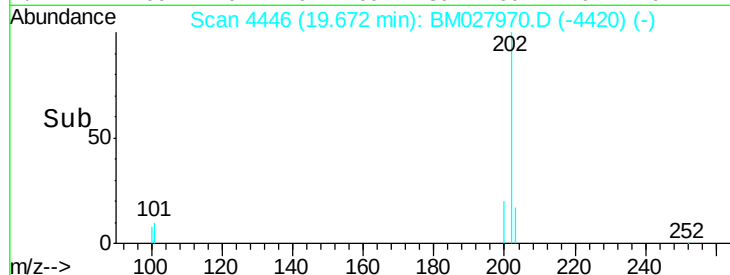
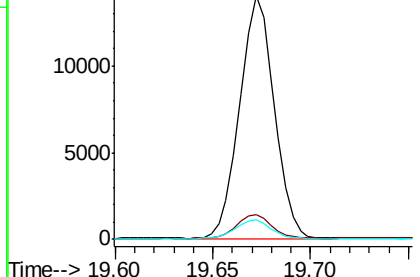
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 1.231 ng/ul

RT: 20.03 min Scan# 4540

Delta R.T. 0.00 min

Lab File: BM027970.D

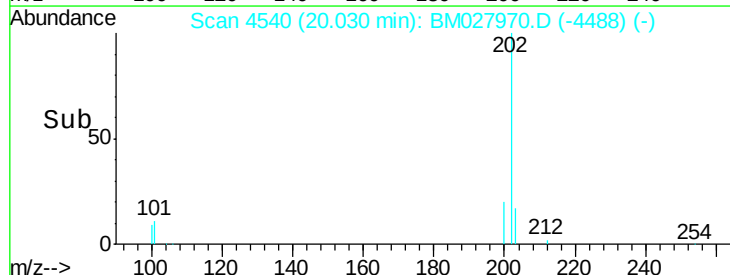
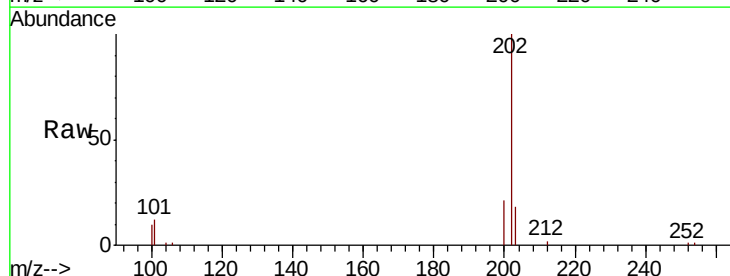
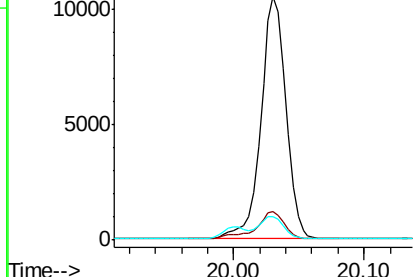
Acq: 25 Nov 2020 19:00

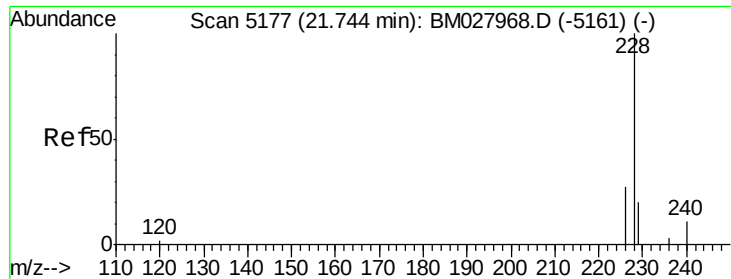
Tgt Ion:	202	Resp:	13956
Ion Ratio	Lower	Upper	
202	100		
101	11.7	8.2	12.2
100	9.7	6.9	10.3

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





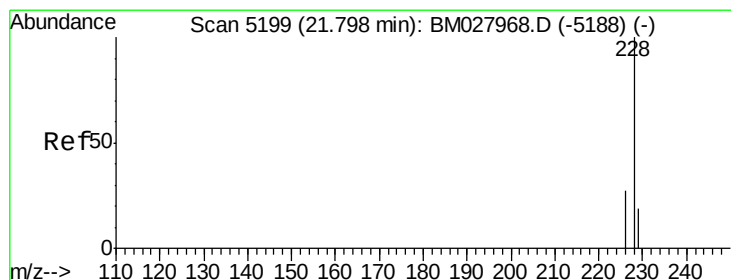
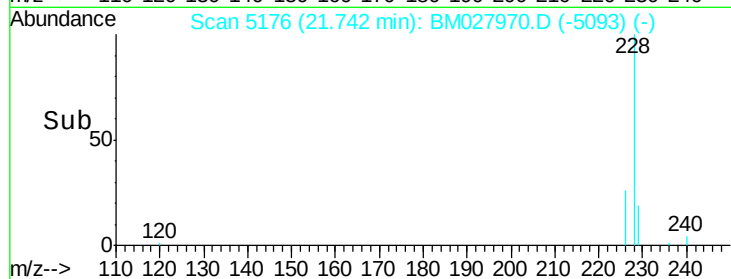
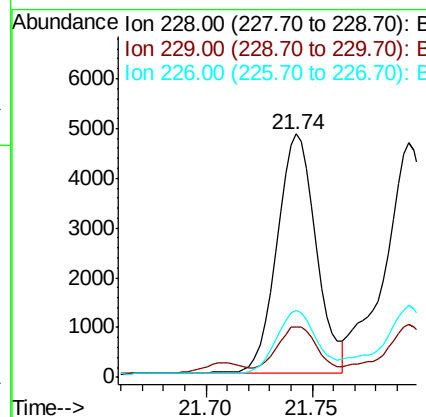
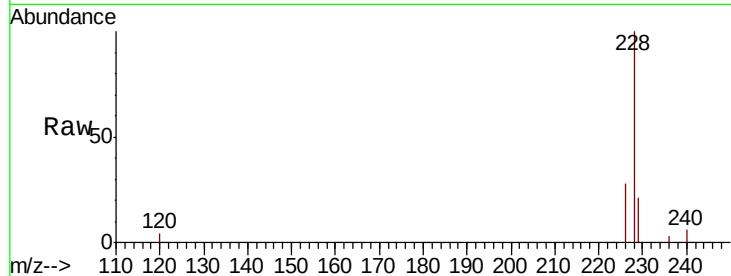
#18
Benzo(a)anthracene
Concen: 0.686 ng/ul
RT: 21.74 min Scan# 5176
Delta R.T. 0.00 min
Lab File: BM027970.D
Acq: 25 Nov 2020 19:00

Instrument :
BNA_M
ClientSampleId :
C0B37DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.4
226	27.7	21.5	32.3

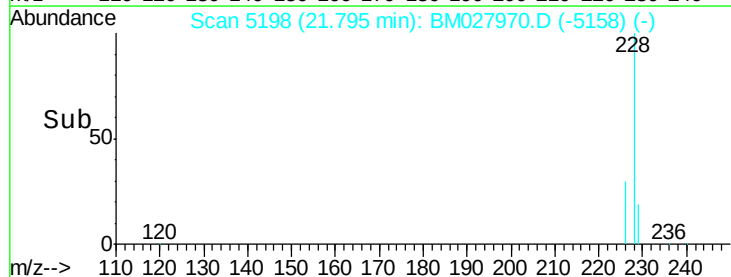
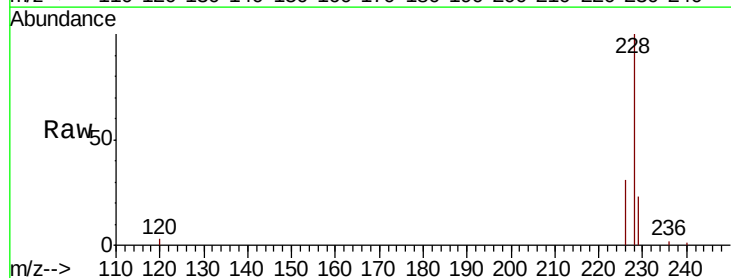
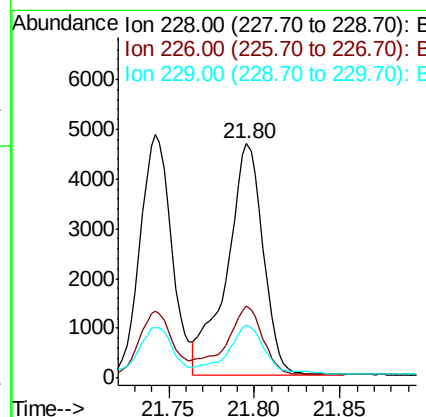
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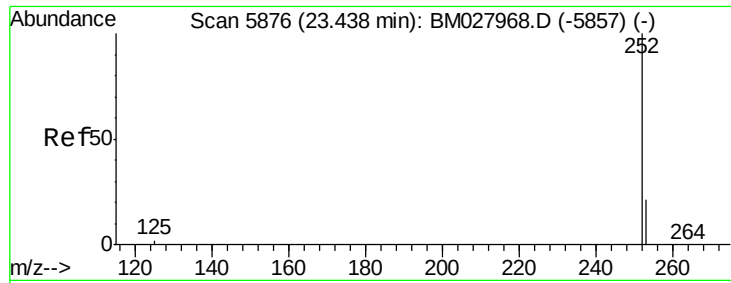
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#19
Chrysene
Concen: 0.777 ng/ul
RT: 21.80 min Scan# 5198
Delta R.T. -0.00 min
Lab File: BM027970.D
Acq: 25 Nov 2020 19:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	22.7	16.6	24.8





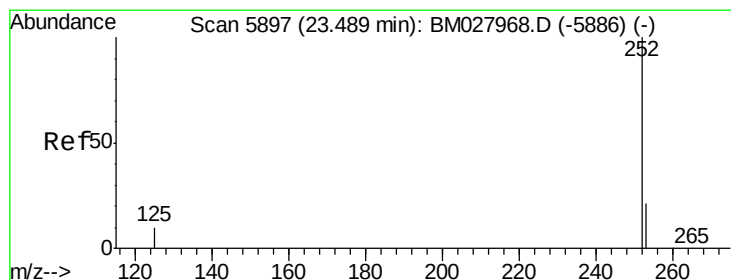
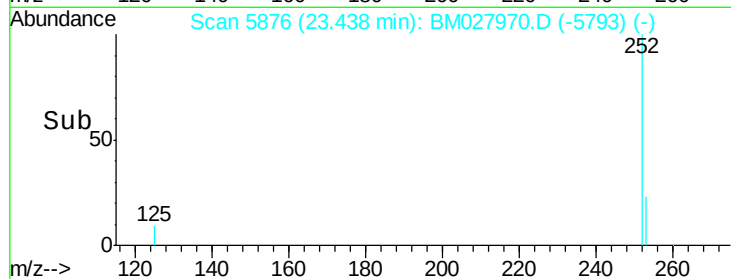
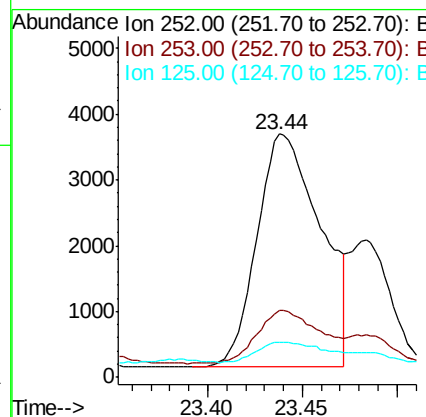
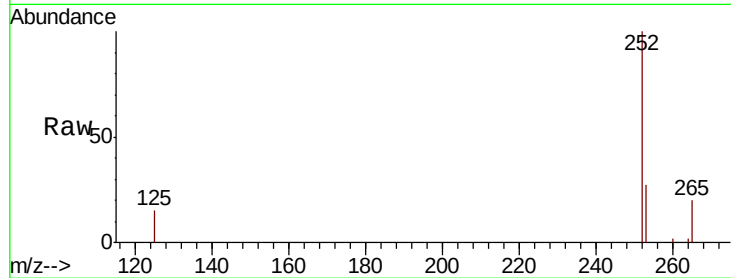
#21
Benzo(b)fluoranthene
Concen: 0.936 ng/ul m
RT: 23.44 min Scan# 5876
Delta R.T. 0.00 min
Lab File: BM027970.D
Acq: 25 Nov 2020 19:00

Instrument :
BNA_M
ClientSampleId :
C0B37DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.3	0.0	59.6
125	14.6	0.0	28.4

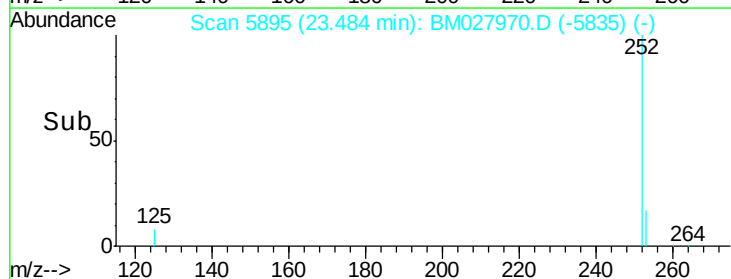
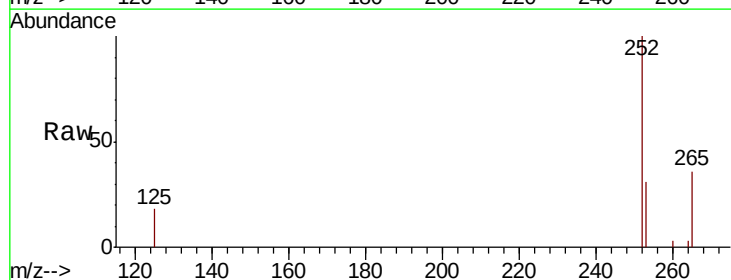
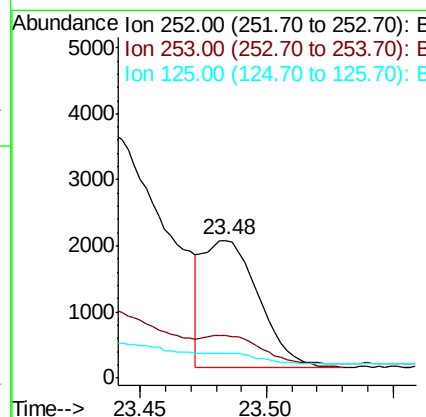
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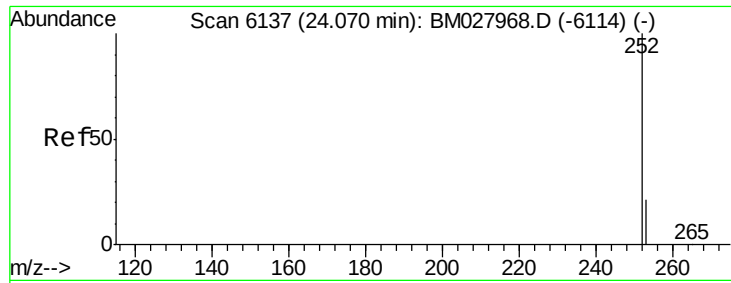
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#22
Benzo(k)fluoranthene
Concen: 0.337 ng/ul m
RT: 23.48 min Scan# 5895
Delta R.T. -0.00 min
Lab File: BM027970.D
Acq: 25 Nov 2020 19:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.0	23.2	34.8
125	17.9	11.8	17.6#





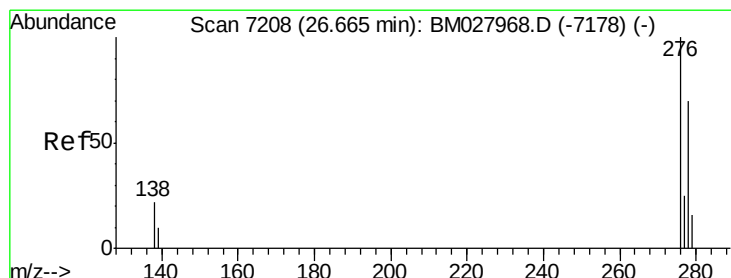
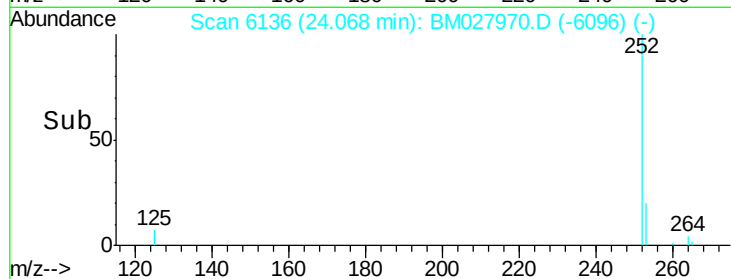
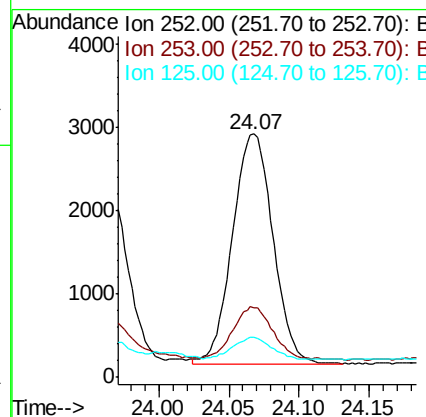
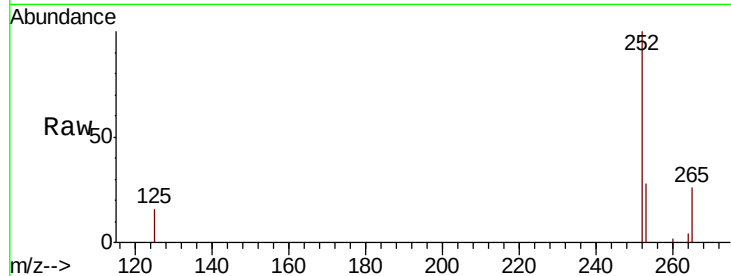
#23
Benzo(a)pyrene
Concen: 0.719 ng/ul
RT: 24.07 min Scan# 6136
Delta R.T. -0.00 min
Lab File: BM027970.D
Acq: 25 Nov 2020 19:00

Instrument :
BNA_M
ClientSampleId :
C0B37DL

Tot Ion:	252	Resp:	5556
Ion Ratio	Lower	Upper	
252	100		
253	28.4	25.2	37.8
125	16.2	13.8	20.6

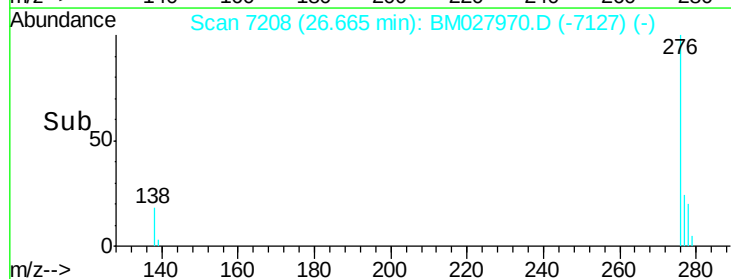
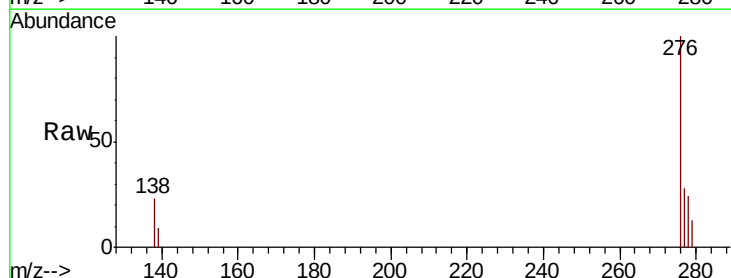
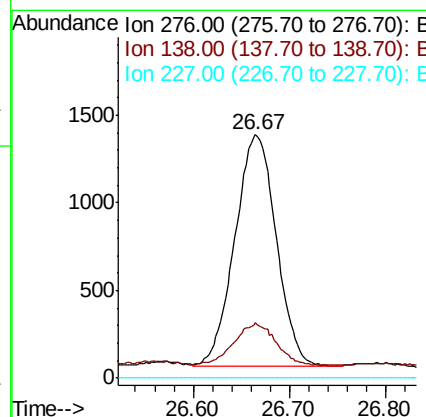
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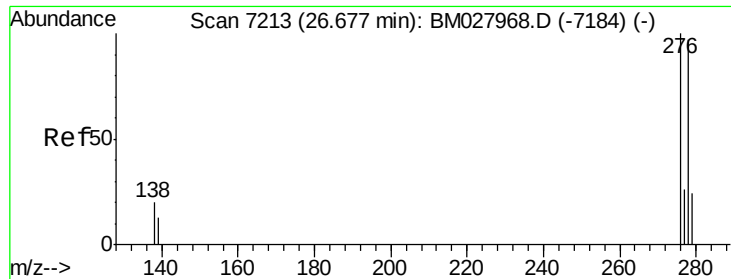
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.474 ng/ul
RT: 26.67 min Scan# 7208
Delta R.T. -0.00 min
Lab File: BM027970.D
Acq: 25 Nov 2020 19:00

Tgt Ion:	276	Resp:	3964
Ion Ratio	Lower	Upper	
276	100		
138	18.2	15.7	23.5
227	0.0	0.0	0.0





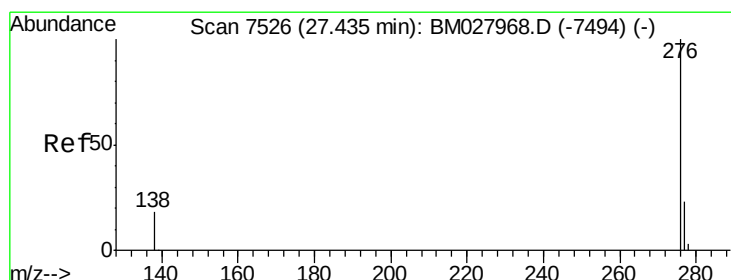
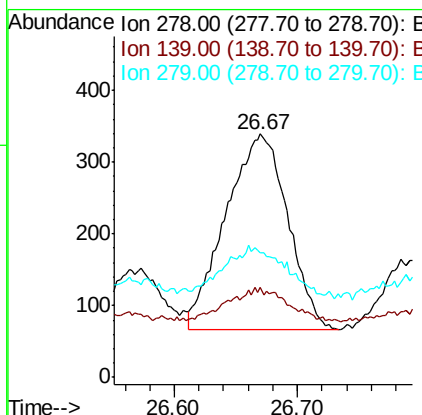
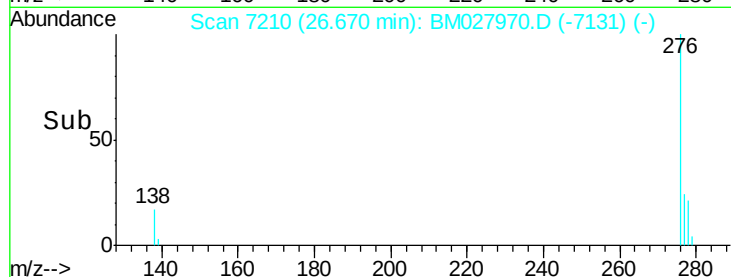
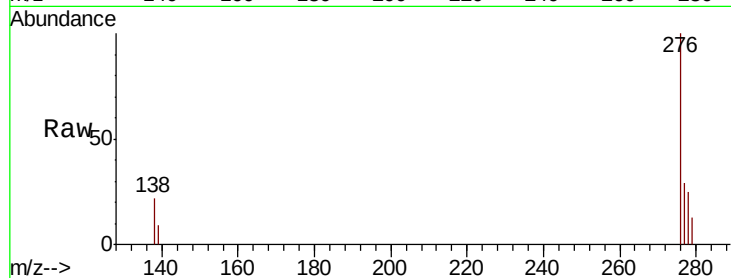
#25
Dibenzo(a,h)anthracene
Concen: 0.138 ng/ul
RT: 26.67 min Scan# 7210
Delta R.T. -0.01 min
Lab File: BM027970.D
Acq: 25 Nov 2020 19:00

Instrument :
BNA_M
ClientSampleID :
C0B37DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	36.9	14.8	22.2#
279	51.3	25.8	38.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.505 ng/ul
RT: 27.44 min Scan# 7528
Delta R.T. -0.00 min
Lab File: BM027970.D
Acq: 25 Nov 2020 19:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.4	26.2
277	28.3	22.5	33.7

