

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027895.D
 Acq On : 21 Nov 2020 23:34
 Operator : JU/CG
 Sample : L4711-21
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B07

Quant Time: Nov 23 04:07:37 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 04:04:52 2020
 Response via : Initial Calibration

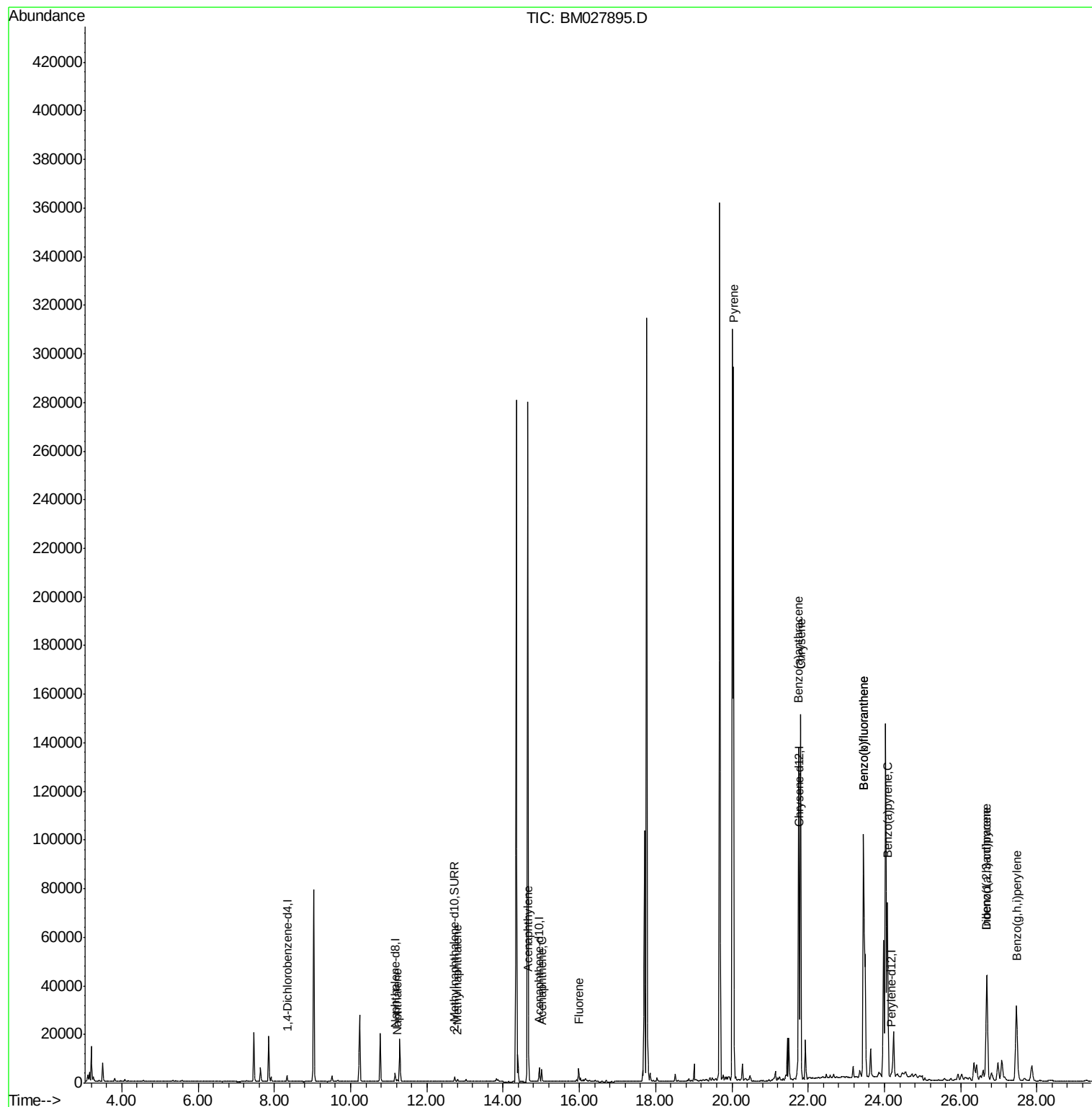
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1230	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4916	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	3038	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.67
16) Chrysene-d12	21.77	240	3000	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2732	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2153	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3694	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	925	0.063	ng/ul#	85
5) 2-Methylnaphthalene	12.80	142	499	0.050	ng/ul	100
7) Acenaphthylene	14.67	152	1188	0.080	ng/ul#	88
8) Acenaphthene	15.01	153	2860	0.257	ng/ul	99
9) Fluorene	15.98	166	3306	0.257	ng/ul	99
17) Pyrene	20.04	202	238919	15.681	ng/ul	100
18) Benzo(a)anthracene	21.75	228	117913	9.741	ng/ul	100
19) Chrysene	21.80	228	152243	12.913	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	234444	20.419	ng/ul	87
22) Benzo(k)fluoranthene	23.45	252	234444	20.851	ng/ul#	88
23) Benzo(a)pyrene	24.08	252	104758	10.435	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.69	276	74922	6.893	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.69	278	19380	2.141	ng/ul	93
26) Benzo(g,h,i)perylene	27.46	276	71355	7.825	ng/ul#	92

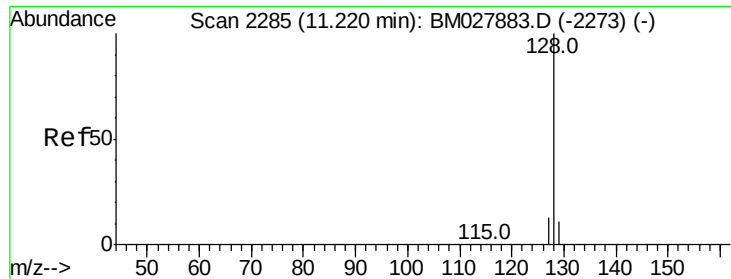
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
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QLast Update : Mon Nov 23 04:04:52 2020
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#3

Naphthalene

Concen: 0.063 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Instrument :

BNA_M

ClientSampleId :

C0B07

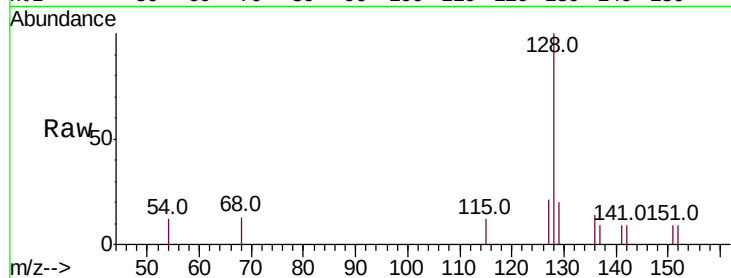
Tot Ion:128 Resp: 925

Ion Ratio Lower Upper

128 100

129 20.0 10.4 15.6#

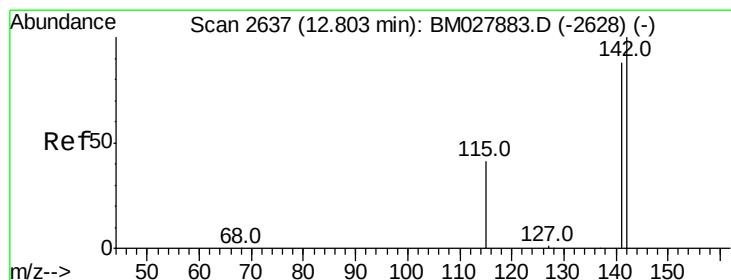
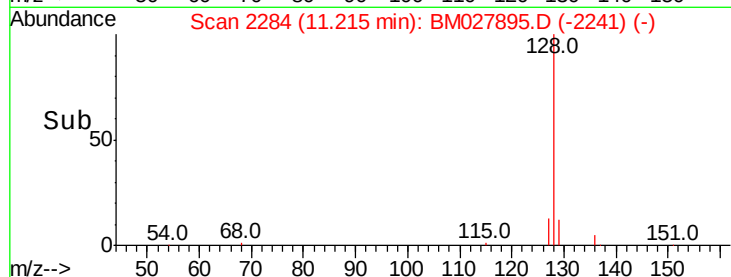
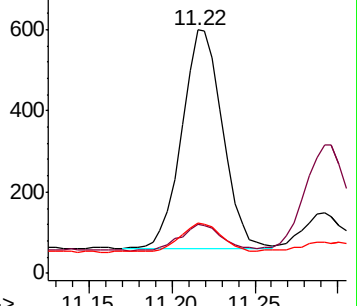
127 20.5 12.0 18.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.050 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027895.D

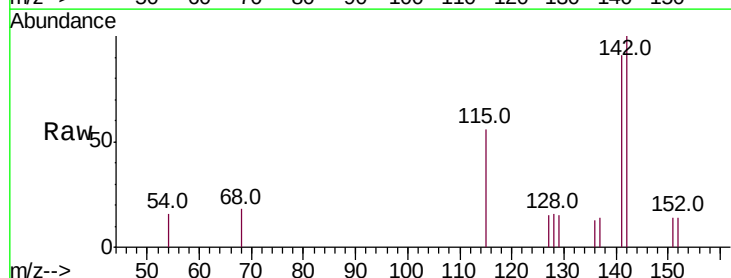
Acq: 21 Nov 2020 23:34

Tgt Ion:142 Resp: 499

Ion Ratio Lower Upper

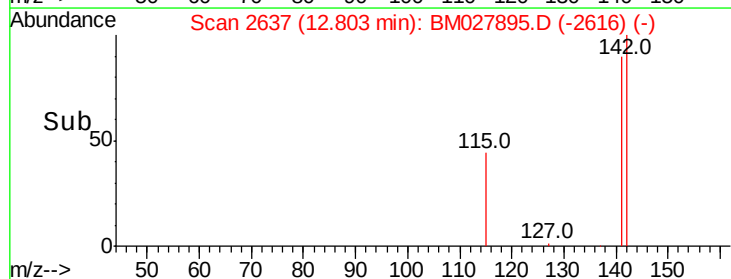
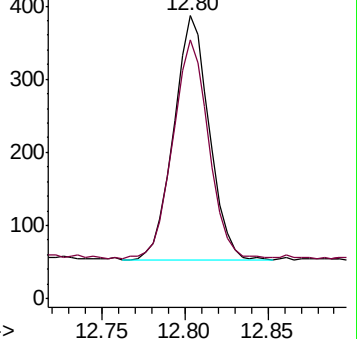
142 100

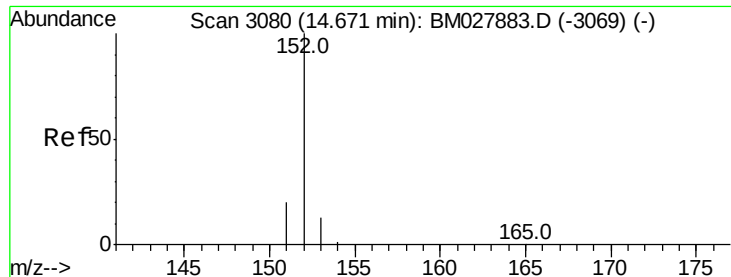
141 89.2 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.080 ng/ul

RT: 14.67 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Instrument :

BNA_M

ClientSampleId :

C0B07

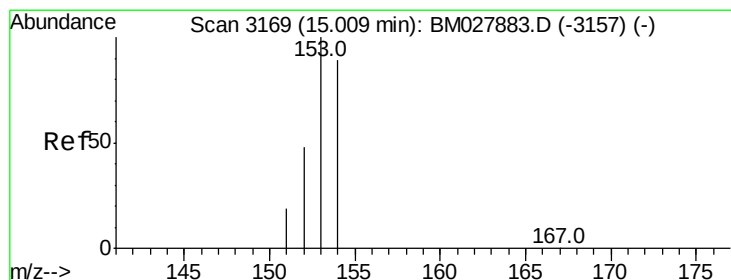
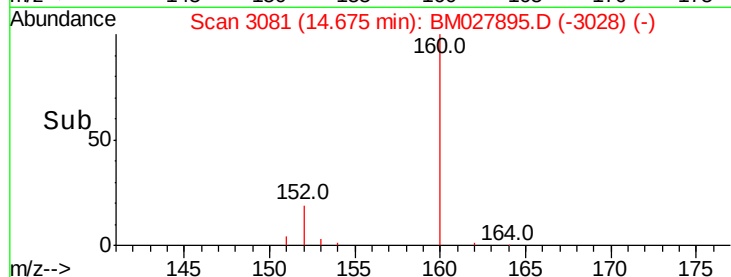
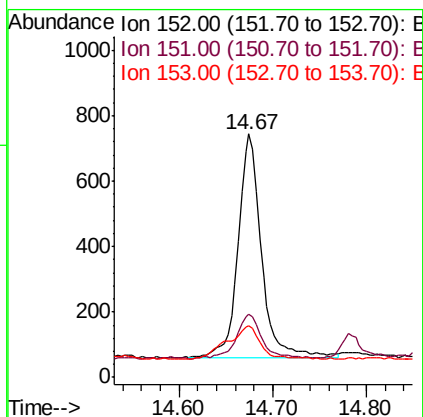
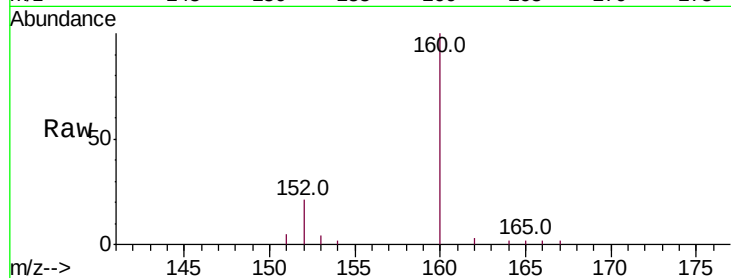
Tot Ion:152 Resp: 1188

Ion Ratio Lower Upper

152 100

151 26.1 17.1 25.7#

153 21.2 12.0 18.0#



#8

Acenaphthene

Concen: 0.257 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

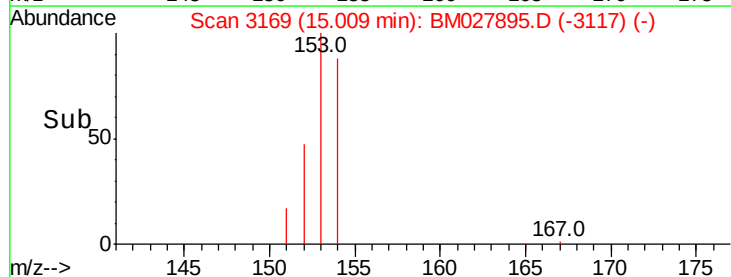
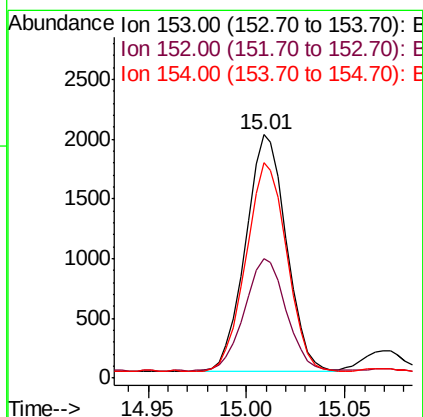
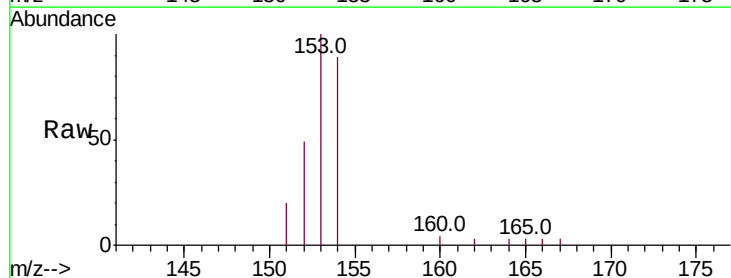
Tgt Ion:153 Resp: 2860

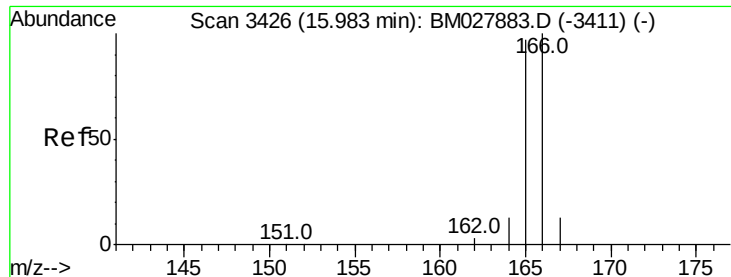
Ion Ratio Lower Upper

153 100

152 49.2 39.0 58.6

154 88.6 71.6 107.4

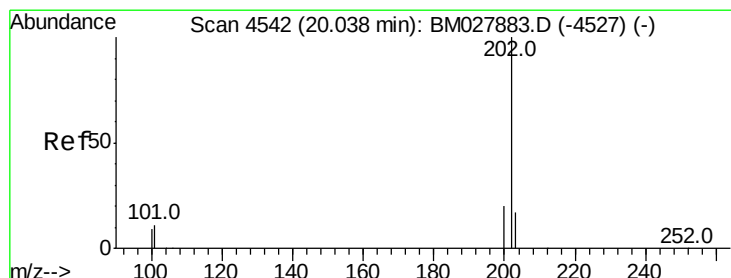
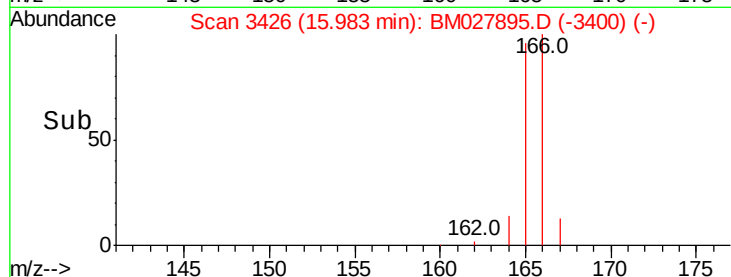
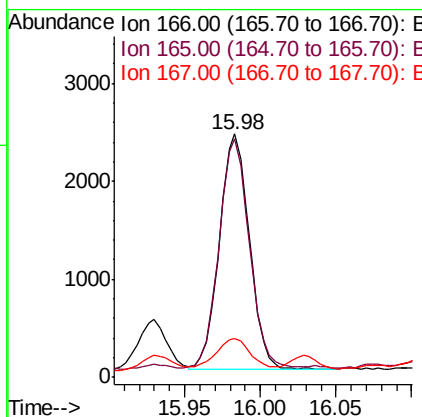
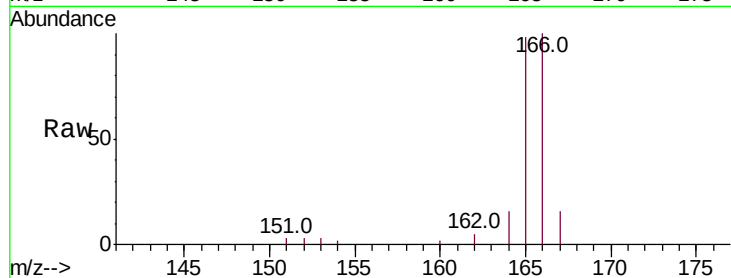




#9
Fluorene
 Concen: 0.257 ng/ul
 RT: 15.98 min Scan# 3426
 Delta R.T. -0.00 min
 Lab File: BM027895.D
 Acq: 21 Nov 2020 23:34

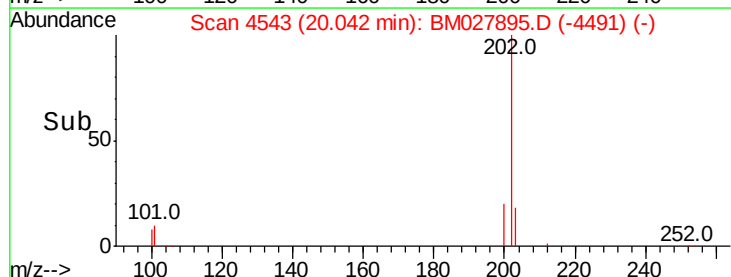
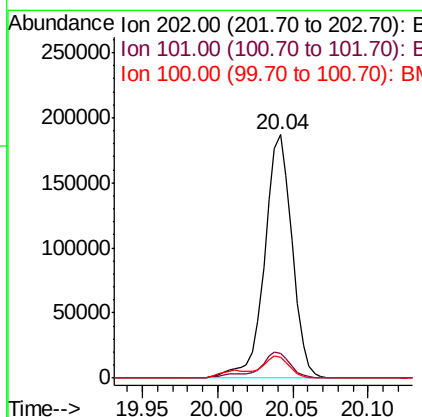
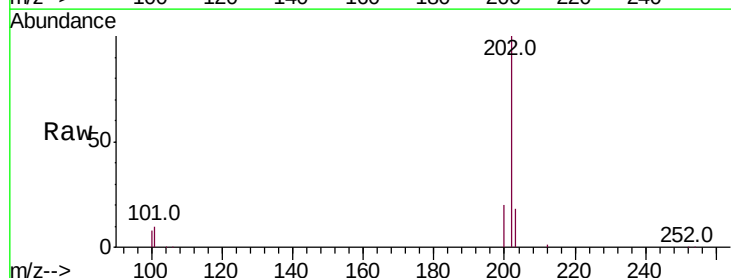
Instrument :
 BNA_M
 ClientSampleId :
 C0B07

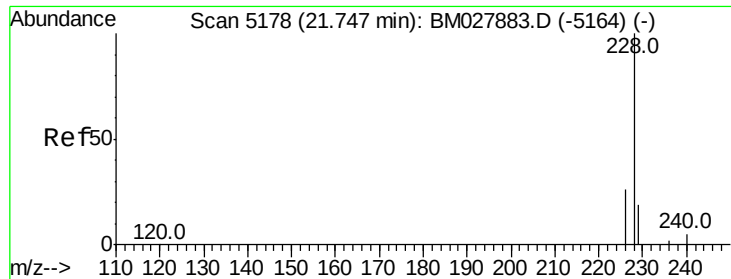
Tot Ion:166 Resp: 3306
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.1 117.1
 167 15.9 11.8 17.8



#17
Pyrene
 Concen: 15.681 ng/ul
 RT: 20.04 min Scan# 4543
 Delta R.T. -0.00 min
 Lab File: BM027895.D
 Acq: 21 Nov 2020 23:34

Tgt Ion:202 Resp: 238919
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.2 12.2
 100 8.5 6.9 10.3





#18

Benzo(a)anthracene

Concen: 9.741 ng/ul

RT: 21.75 min Scan# 5179

Delta R.T. -0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Instrument :

BNA_M

ClientSampleId :

C0B07

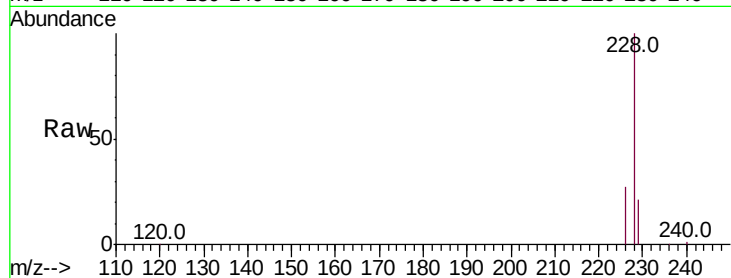
Tot Ion:228 Resp: 117913

Ion Ratio Lower Upper

228 100

229 20.5 16.2 24.4

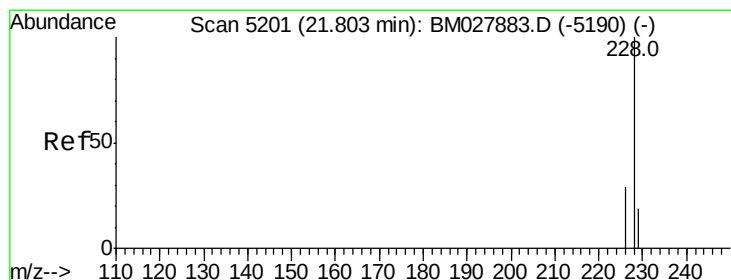
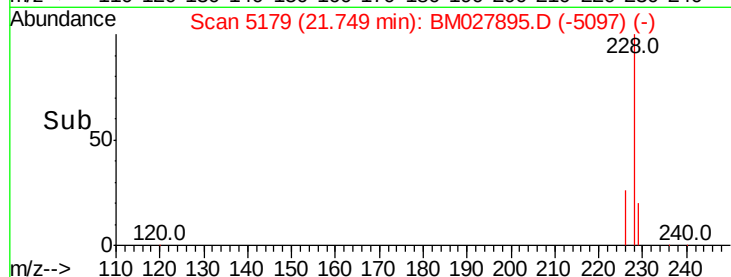
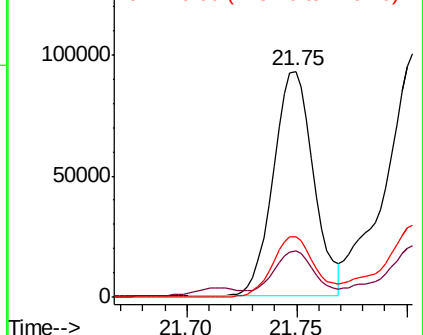
226 26.7 21.5 32.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 12.913 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. -0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

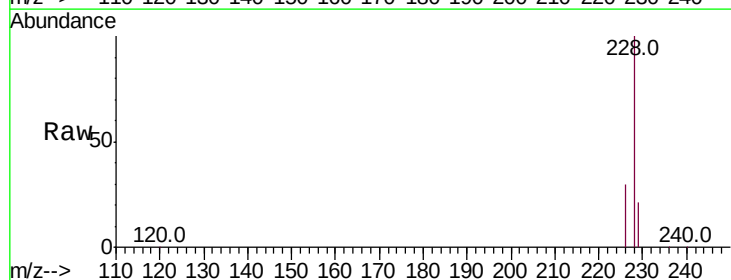
Tgt Ion:228 Resp: 152243

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

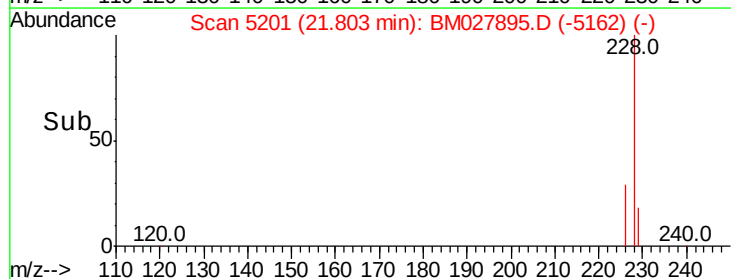
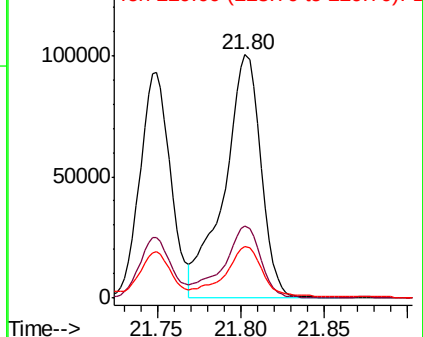
229 21.2 16.6 24.8

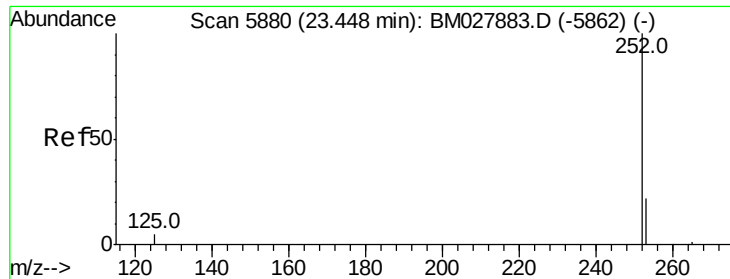


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 20.419 ng/ul

RT: 23.45 min Scan# 5882

Delta R.T. 0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Instrument :

BNA_M

ClientSampleId :

C0B07

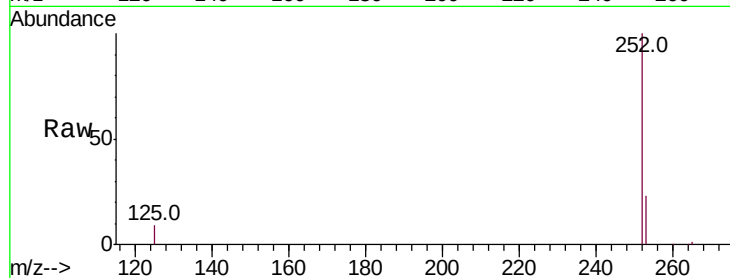
Tot Ion:252 Resp: 234444

Ion Ratio Lower Upper

252 100

253 22.8 0.0 59.6

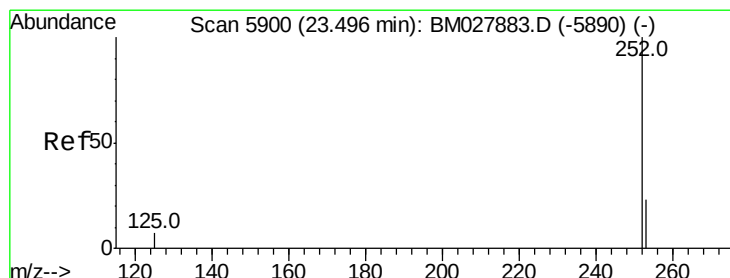
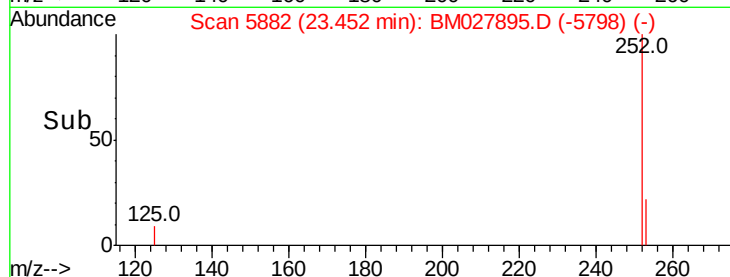
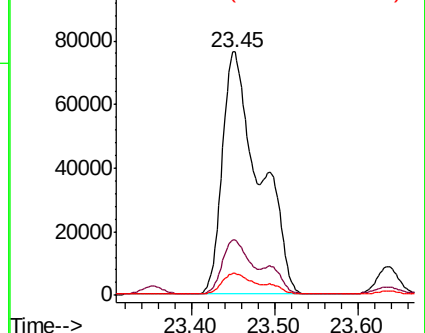
125 9.1 0.0 28.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 20.851 ng/ul

RT: 23.45 min Scan# 5882

Delta R.T. -0.05 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

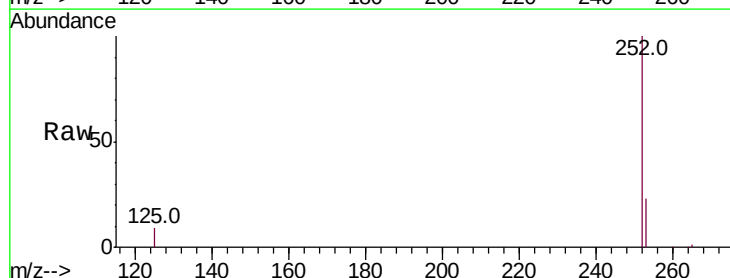
Tgt Ion:252 Resp: 234444

Ion Ratio Lower Upper

252 100

253 22.8 23.2 34.8#

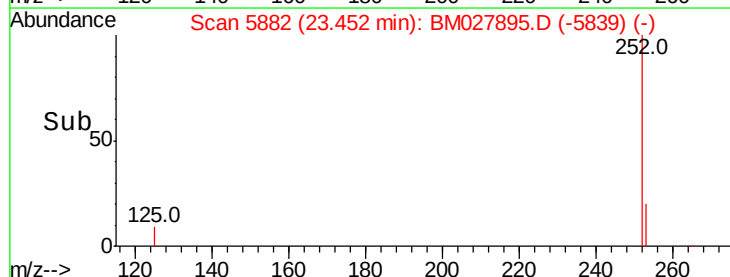
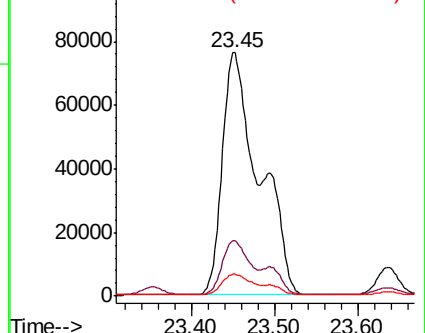
125 9.1 11.8 17.6#

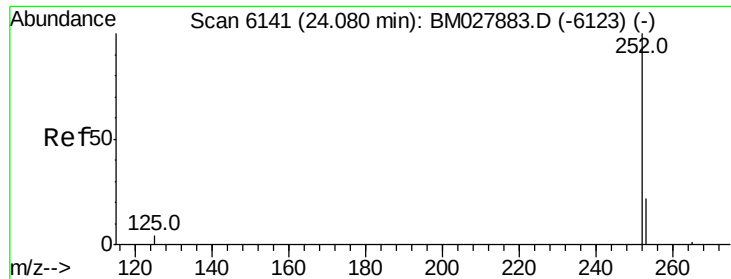


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 10.435 ng/ul

RT: 24.08 min Scan# 6142

Delta R.T. 0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Instrument :

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ClientSampleId :

C0B07

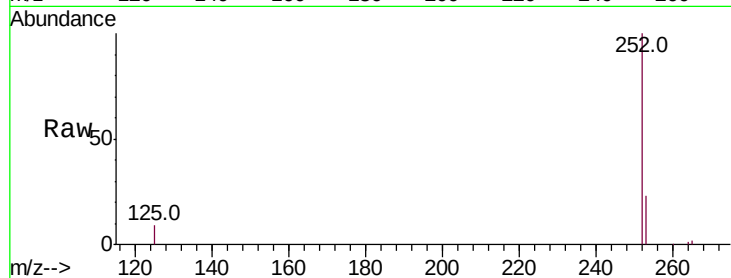
Tot Ion:252 Resp: 104758

Ion Ratio Lower Upper

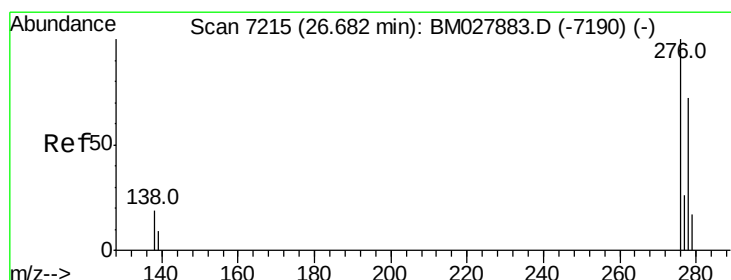
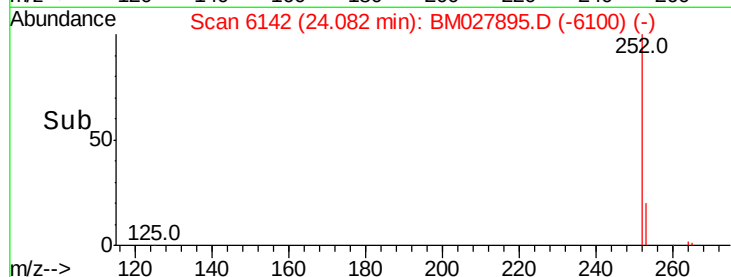
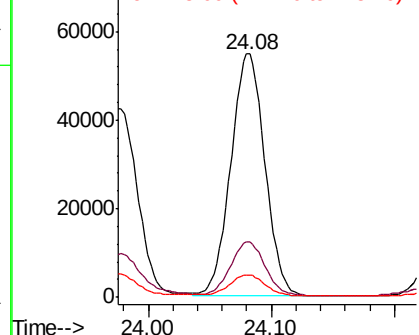
252 100

253 22.6 25.2 37.8#

125 9.3 13.8 20.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 6.893 ng/ul

RT: 26.69 min Scan# 7217

Delta R.T. -0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

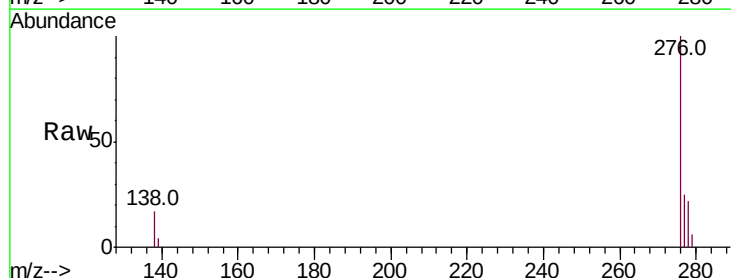
Tgt Ion:276 Resp: 74922

Ion Ratio Lower Upper

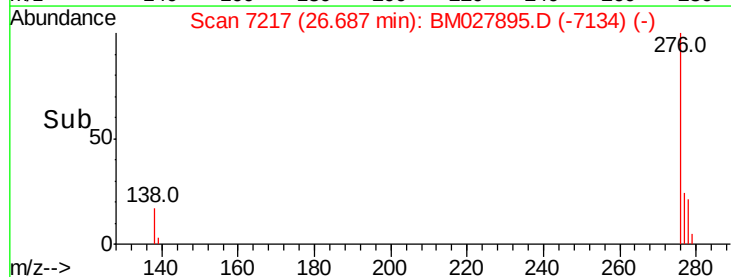
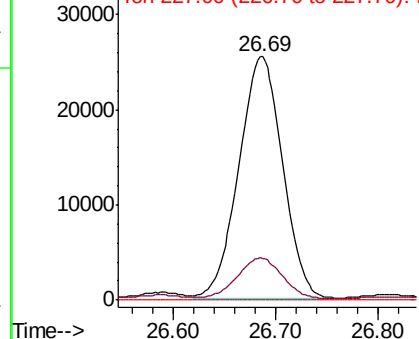
276 100

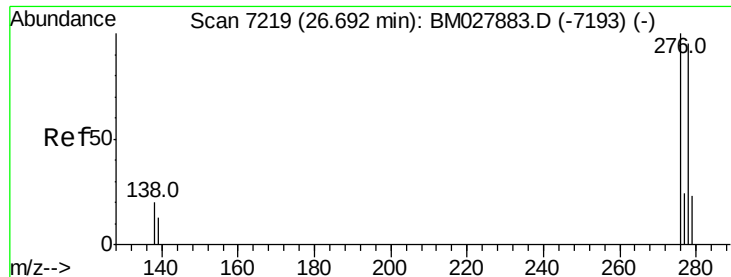
138 17.2 15.7 23.5

227 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



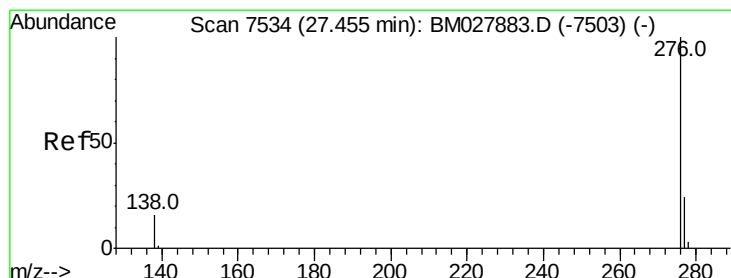
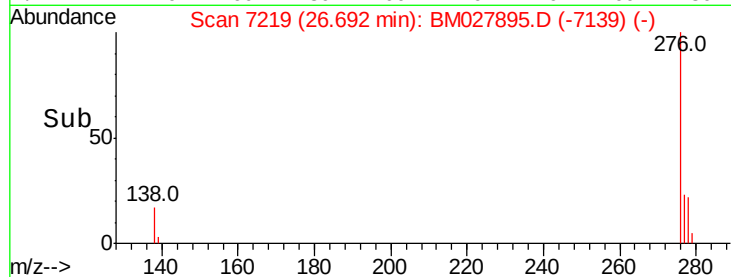
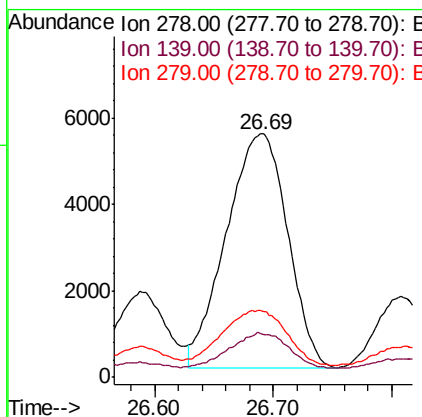
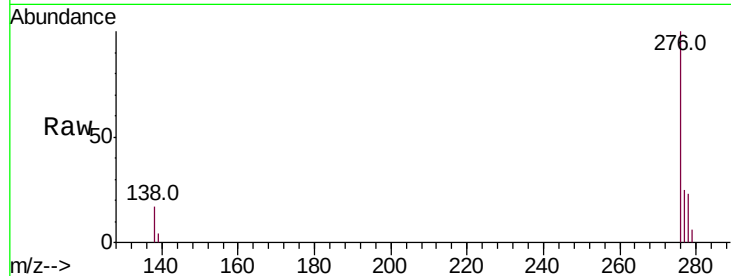


#25
Dibenzo(a,h)anthracene
Concen: 2.141 ng/ul
RT: 26.69 min Scan# 7219
Delta R.T. -0.01 min
Lab File: BM027895.D
Acq: 21 Nov 2020 23:34

Instrument :
BNA_M
ClientSampleId :
C0B07

Tot Ion:278 Resp: 19380

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.8	22.2
279	26.8	25.8	38.6



#26
Benzo(g,h,i)perylene
Concen: 7.825 ng/ul
RT: 27.46 min Scan# 7538
Delta R.T. 0.00 min
Lab File: BM027895.D
Acq: 21 Nov 2020 23:34

Tgt Ion:276 Resp: 71355

Ion	Ratio	Lower	Upper
276	100		
138	17.0	17.4	26.2#
277	24.4	22.5	33.7

