

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027900.D
 Acq On : 22 Nov 2020 03:48
 Operator : JU/CG
 Sample : L4711-17
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW9

Quant Time: Nov 23 05:40:35 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 05:39:07 2020
 Response via : Initial Calibration

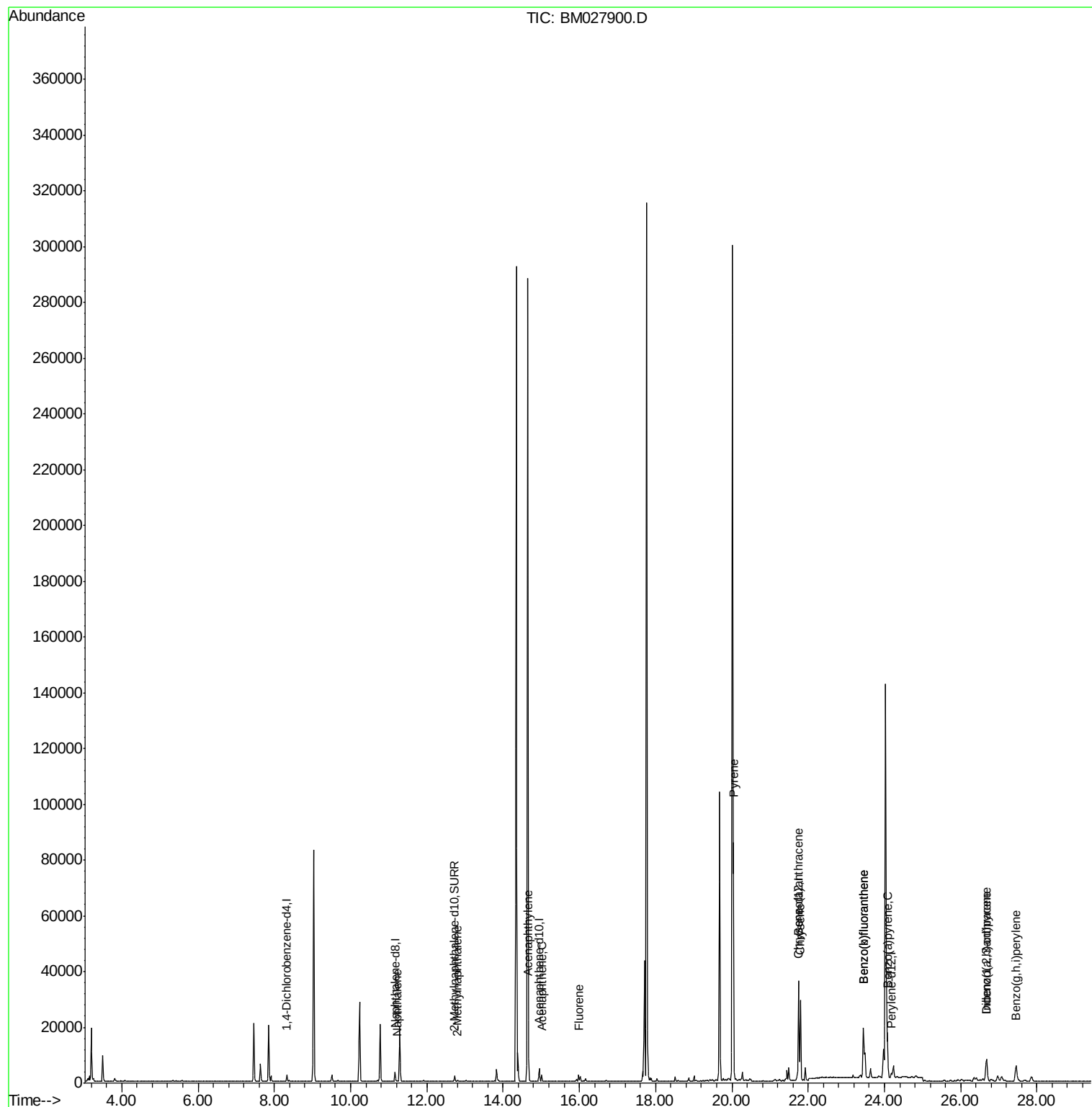
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1118	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4376	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2605	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.67
16) Chrysene-d12	21.76	240	2315	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2003	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2257	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3493	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	477	0.036	ng/ul#	72
5) 2-Methylnaphthalene	12.80	142	206	0.023	ng/ul	98
7) Acenaphthylene	14.67	152	662	0.052	ng/ul#	81
8) Acenaphthene	15.01	153	1307	0.137	ng/ul	99
9) Fluorene	15.98	166	1515	0.137	ng/ul	98
17) Pyrene	20.04	202	69508	5.912	ng/ul	98
18) Benzo(a)anthracene	21.75	228	30441	3.259	ng/ul	99
19) Chrysene	21.80	228	28790	3.164	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	42241	5.018	ng/ul	90
22) Benzo(k)fluoranthene	23.45	252	42241	5.124	ng/ul#	91
23) Benzo(a)pyrene	24.08	252	22698	3.084	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.68	276	13846	1.738	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.68	278	3669	0.553	ng/ul#	85
26) Benzo(g,h,i)perylene	27.45	276	12964	1.939	ng/ul	95

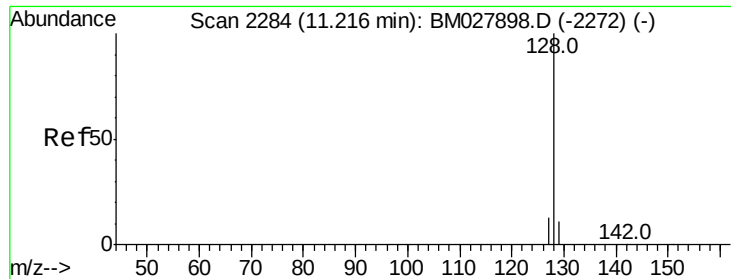
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.036 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

Instrument :

BNA_M

ClientSampleId :

C0AW9

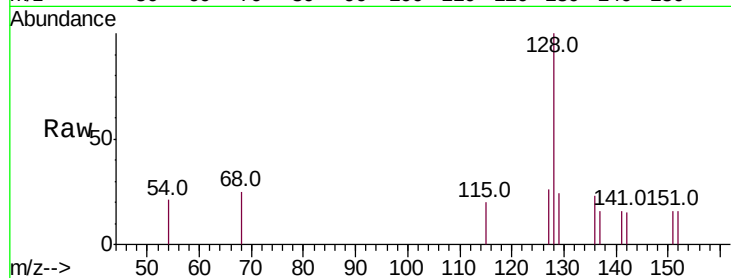
Tot Ion:128 Resp: 477

Ion Ratio Lower Upper

128 100

129 24.3 10.4 15.6#

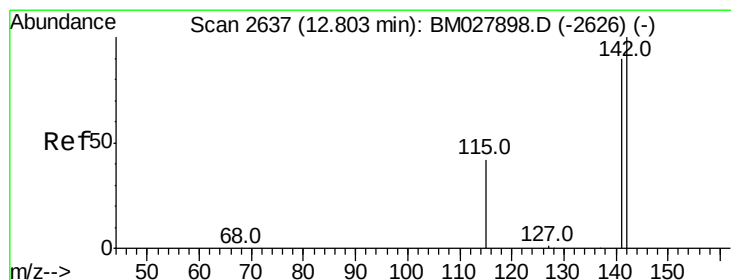
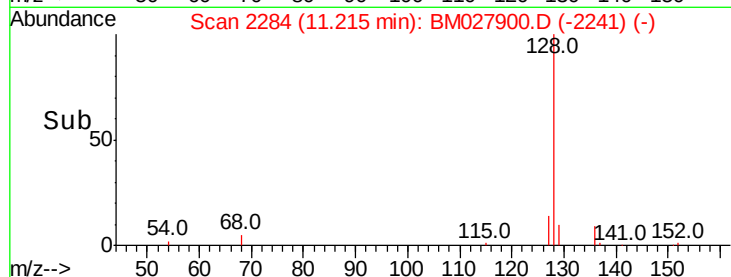
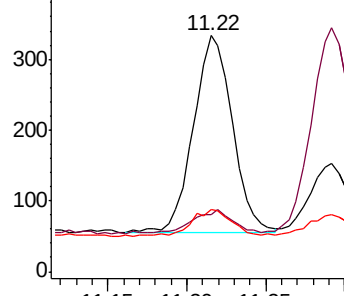
127 26.4 12.0 18.0#



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: 0.023 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027900.D

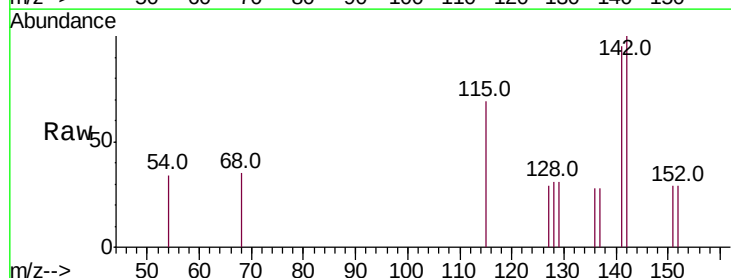
Acq: 22 Nov 2020 03:48

Tgt Ion:142 Resp: 206

Ion Ratio Lower Upper

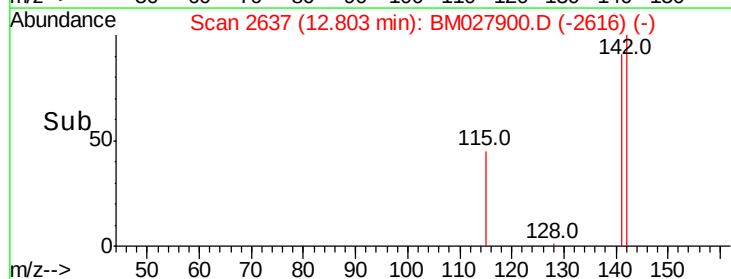
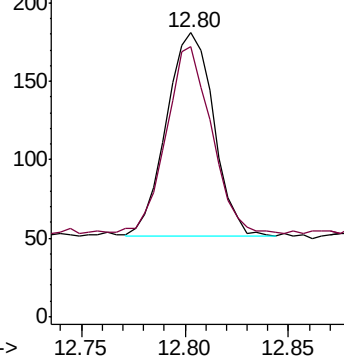
142 100

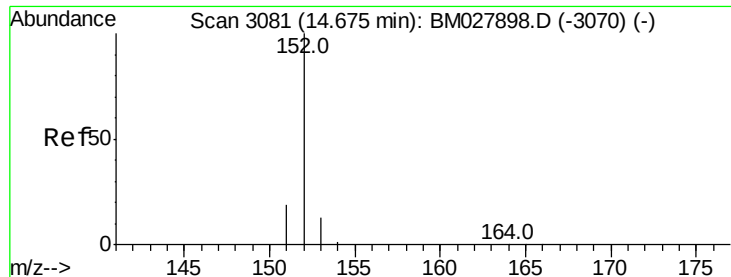
141 87.4 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.67 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

Instrument :

BNA_M

ClientSampleId :

C0AW9

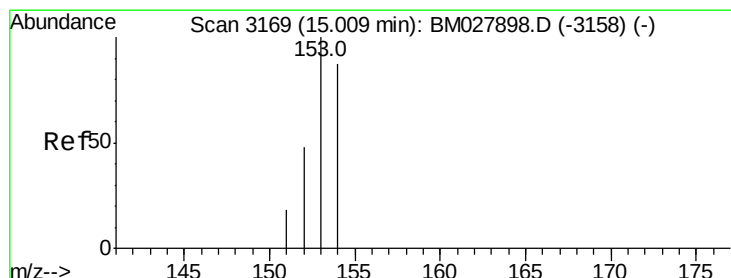
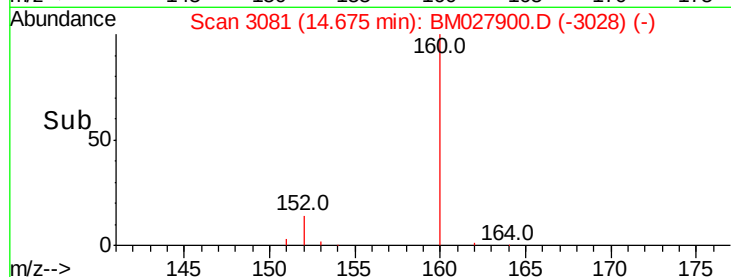
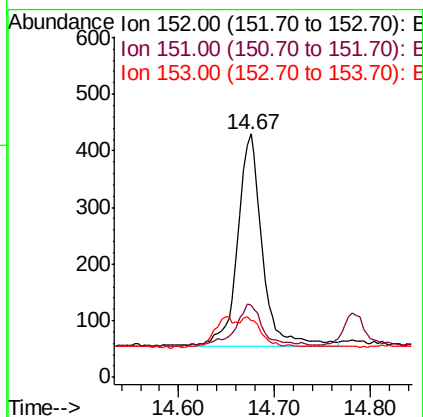
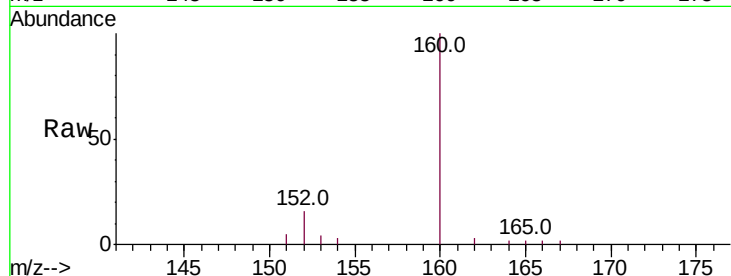
Tot Ion:152 Resp: 662

Ion Ratio Lower Upper

152 100

151 29.5 17.1 25.7#

153 23.5 12.0 18.0#



#8

Acenaphthene

Concen: 0.137 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

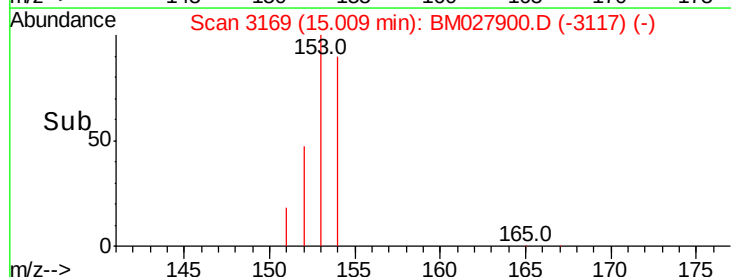
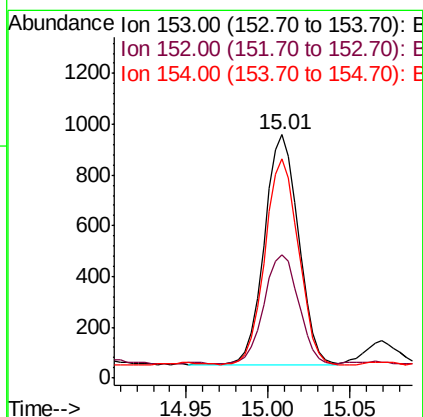
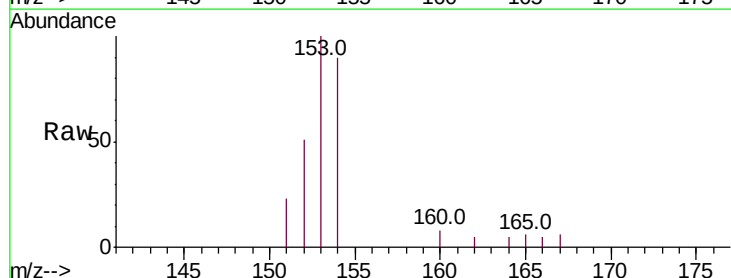
Tgt Ion:153 Resp: 1307

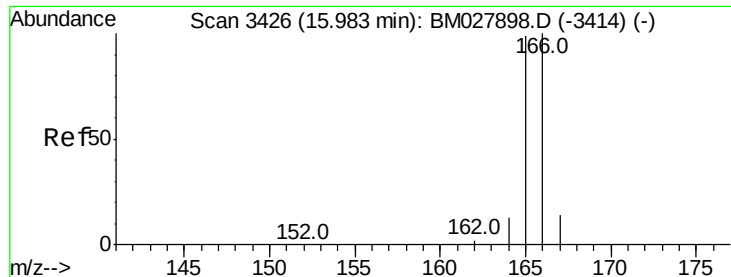
Ion Ratio Lower Upper

153 100

152 50.8 39.0 58.6

154 90.1 71.6 107.4

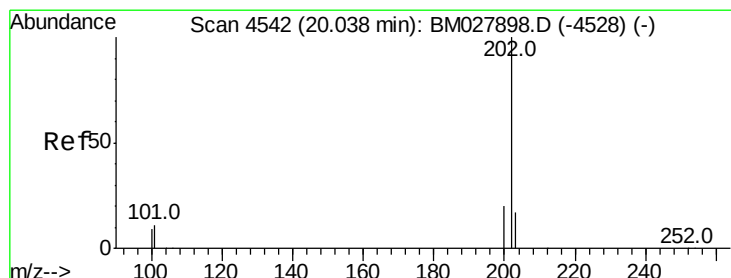
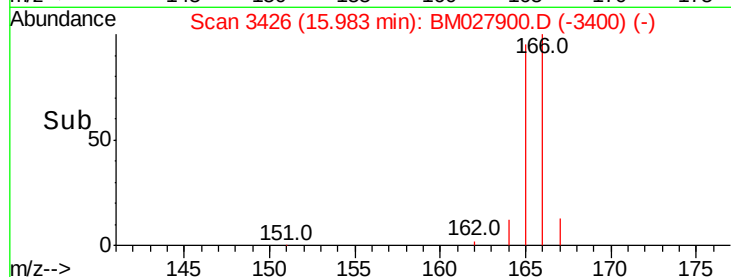
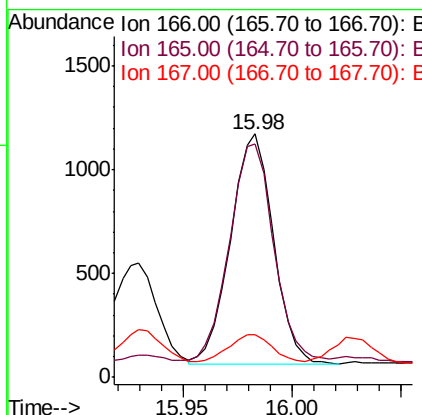
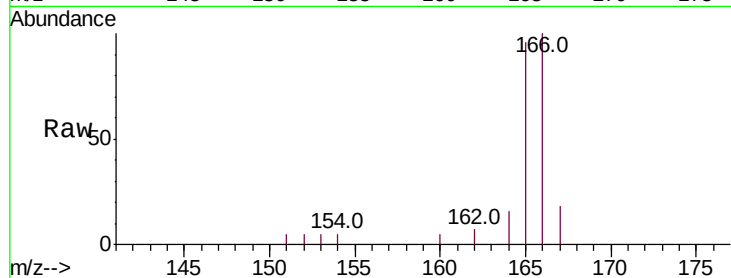




#9
Fluorene
 Concen: 0.137 ng/ul
 RT: 15.98 min Scan# 3426
 Delta R.T. -0.00 min
 Lab File: BM027900.D
 Acq: 22 Nov 2020 03:48

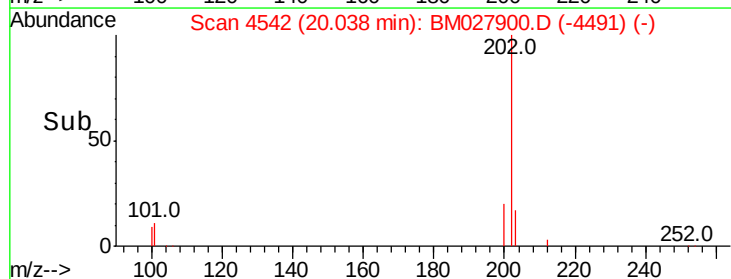
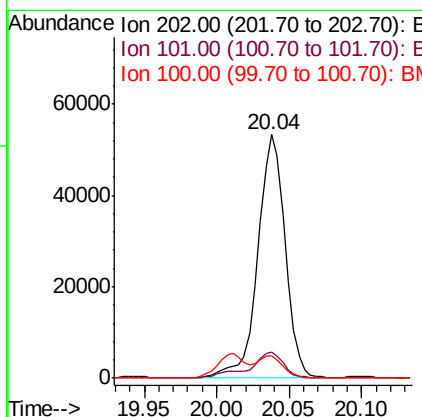
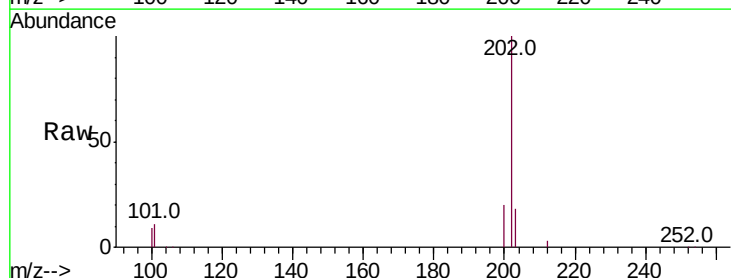
Instrument :
 BNA_M
 ClientSampled :
 C0AW9

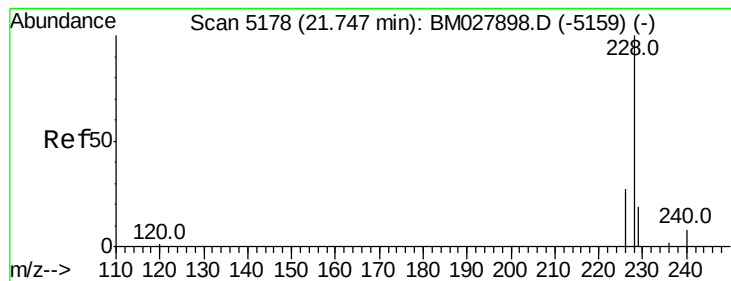
Tot Ion:166 Resp: 1515
 Ion Ratio Lower Upper
 166 100
 165 96.0 78.1 117.1
 167 17.6 11.8 17.8



#17
Pyrene
 Concen: 5.912 ng/ul
 RT: 20.04 min Scan# 4542
 Delta R.T. -0.00 min
 Lab File: BM027900.D
 Acq: 22 Nov 2020 03:48

Tgt Ion:202 Resp: 69508
 Ion Ratio Lower Upper
 202 100
 101 10.8 8.2 12.2
 100 9.1 6.9 10.3





#18

Benzo(a)anthracene

Concen: 3.259 ng/ul

RT: 21.75 min Scan# 5178

Delta R.T. -0.00 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

Instrument :

BNA_M

ClientSampleId :

C0AW9

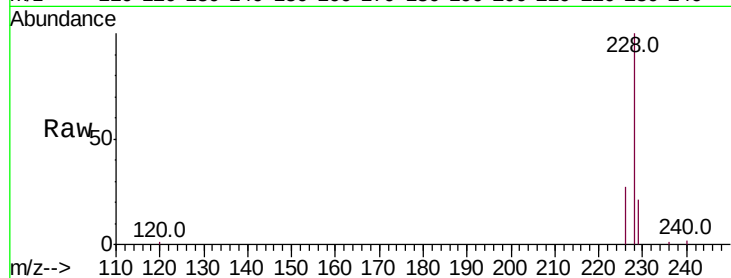
Tot Ion:228 Resp: 30441

Ion Ratio Lower Upper

228 100

229 21.2 16.2 24.4

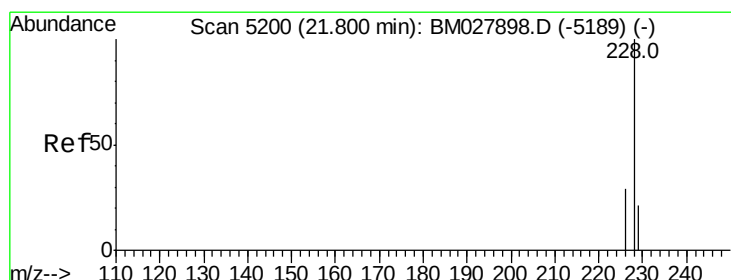
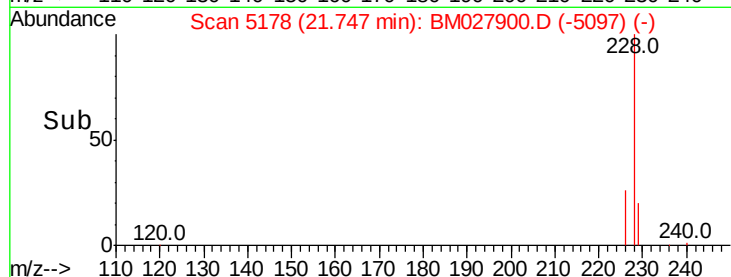
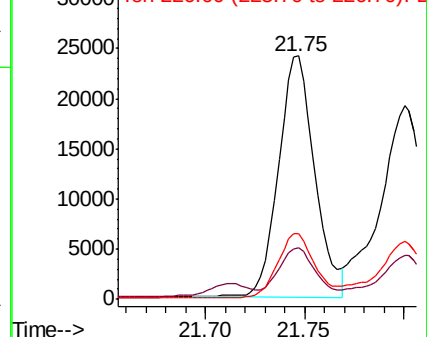
226 26.9 21.5 32.3



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: 3.164 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.01 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

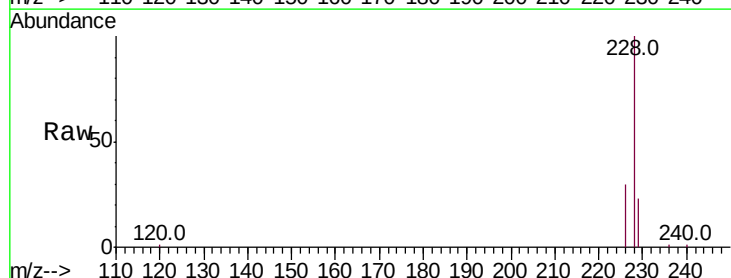
Tgt Ion:228 Resp: 28790

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

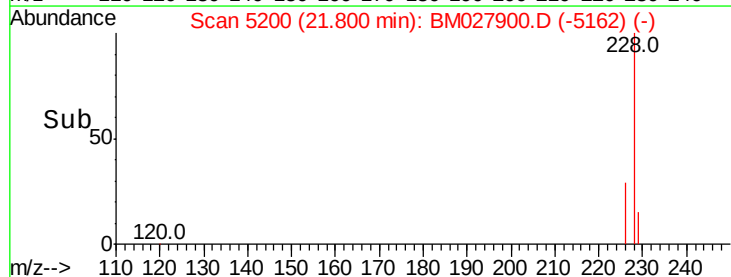
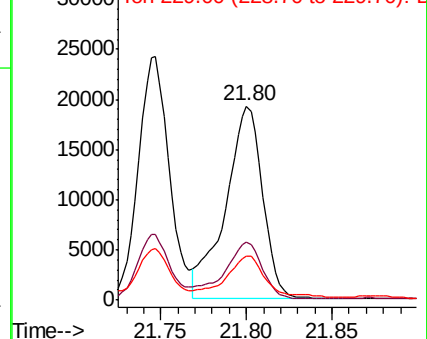
229 22.6 16.6 24.8

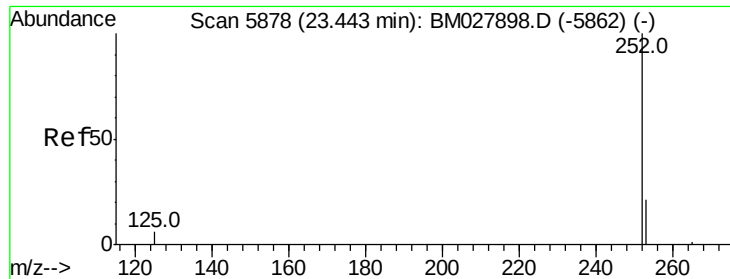


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 5.018 ng/ul

RT: 23.45 min Scan# 5880

Delta R.T. -0.00 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

Instrument :

BNA_M

ClientSampleId :

C0AW9

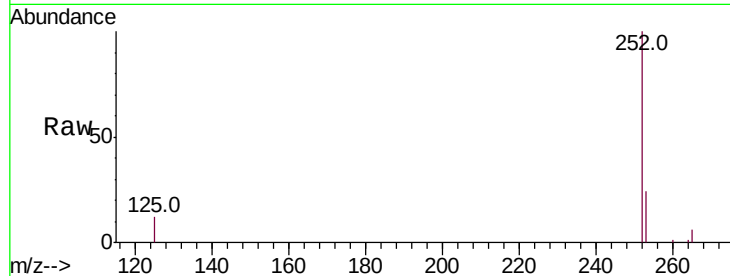
Tot Ion:252 Resp: 42241

Ion Ratio Lower Upper

252 100

253 23.8 0.0 59.6

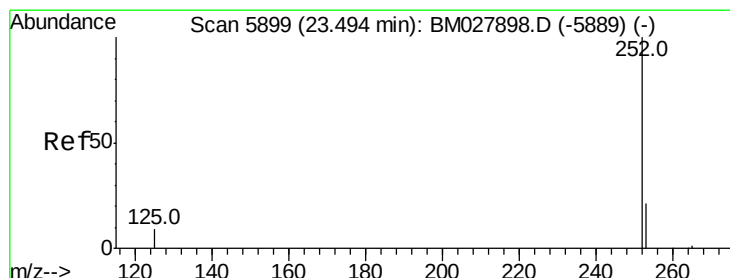
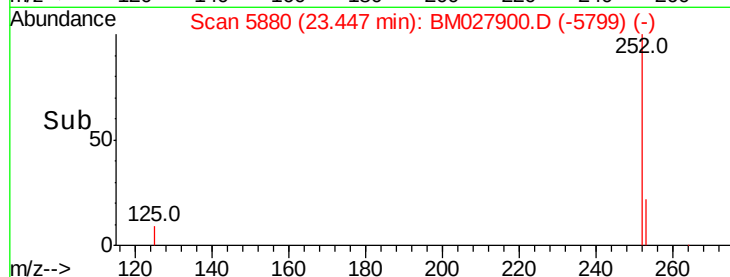
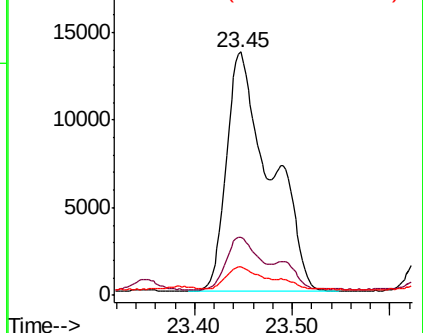
125 11.5 0.0 28.4



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: 5.124 ng/ul

RT: 23.45 min Scan# 5880

Delta R.T. -0.05 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

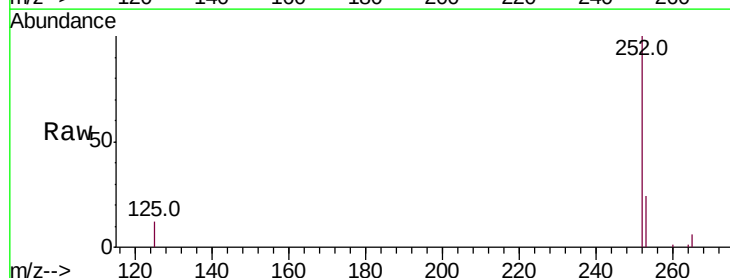
Tgt Ion:252 Resp: 42241

Ion Ratio Lower Upper

252 100

253 23.8 23.2 34.8

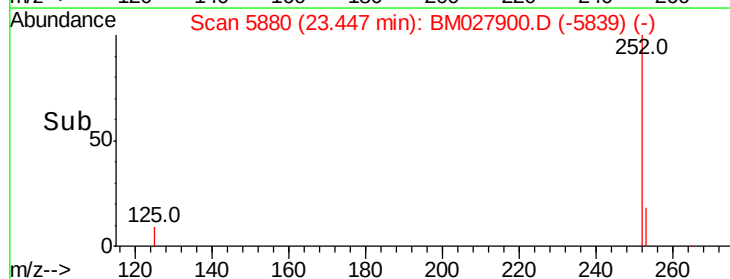
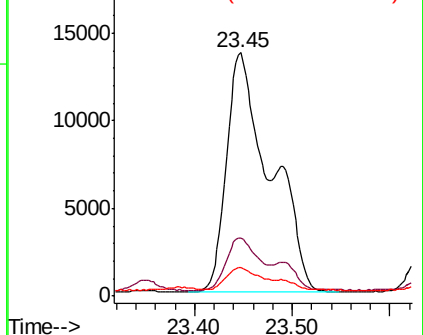
125 11.5 11.8 17.6#

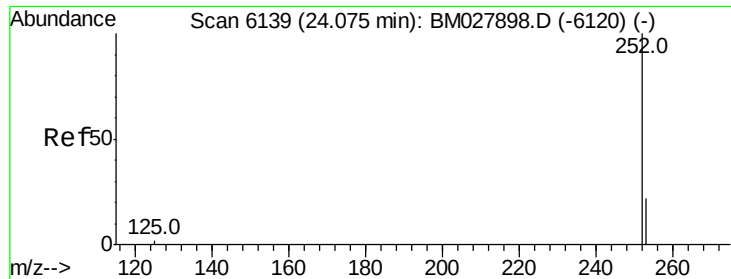


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.084 ng/ul

RT: 24.08 min Scan# 6140

Delta R.T. -0.00 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

Instrument :

BNA_M

ClientSampleId :

C0AW9

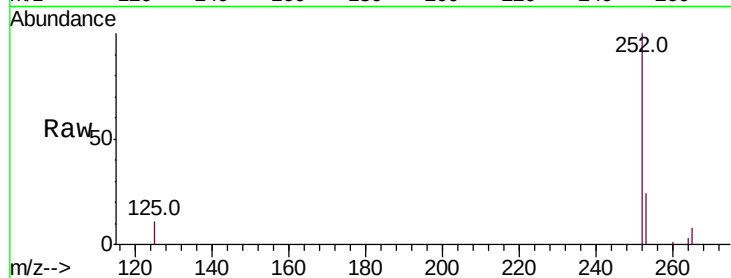
Tot Ion:252 Resp: 22698

Ion Ratio Lower Upper

252 100

253 24.4 25.2 37.8#

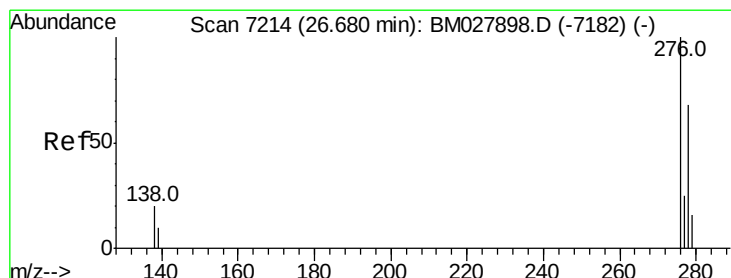
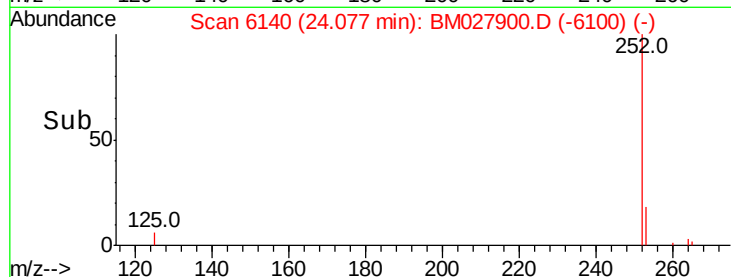
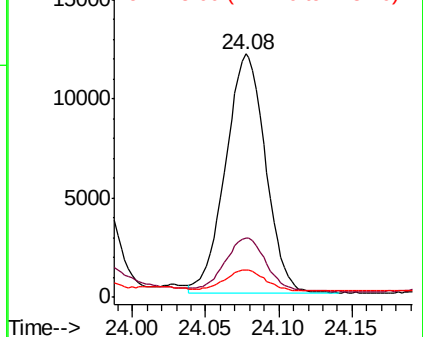
125 11.1 13.8 20.6#



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: 1.738 ng/ul

RT: 26.68 min Scan# 7213

Delta R.T. -0.01 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

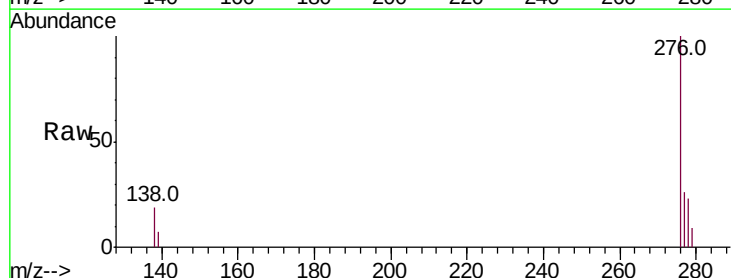
Tgt Ion:276 Resp: 13846

Ion Ratio Lower Upper

276 100

138 18.3 15.7 23.5

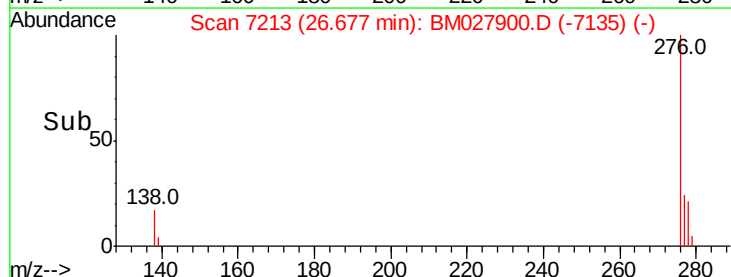
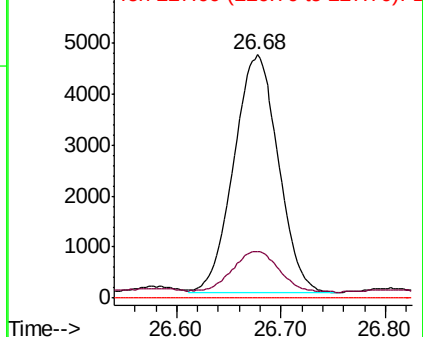
227 0.0 0.0 0.0

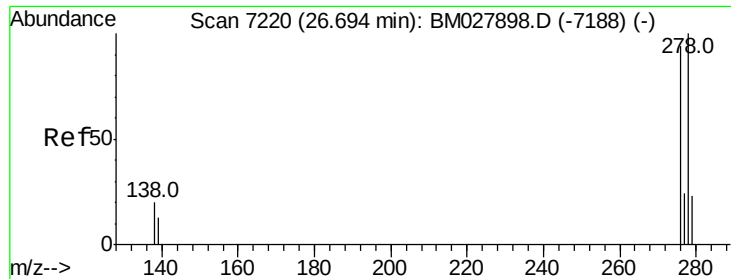


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



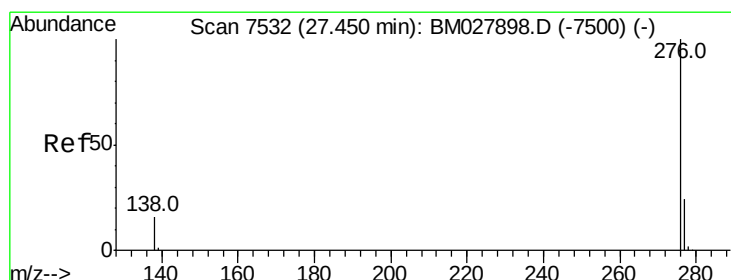
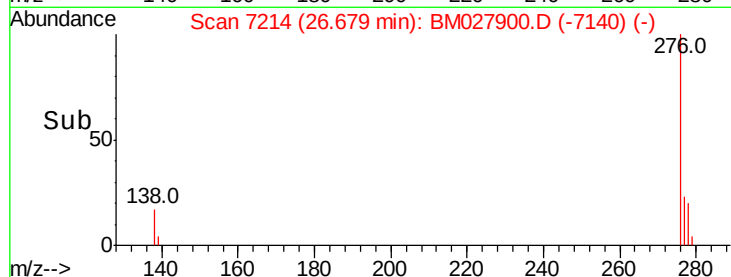
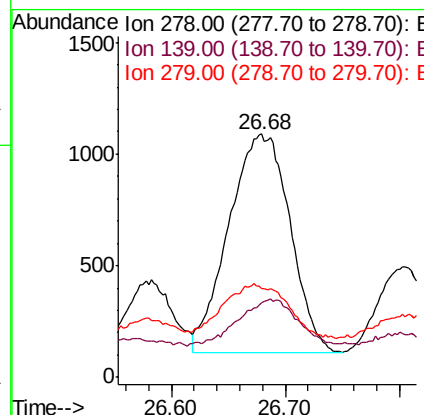
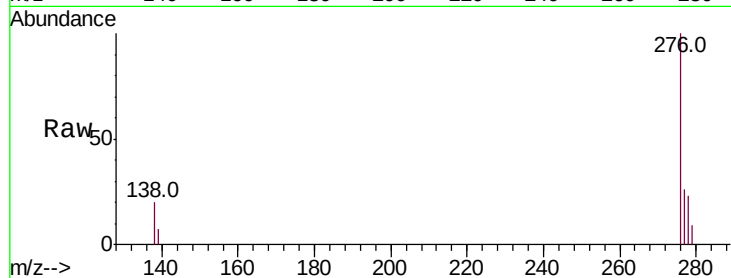


#25
Dibenzo(a,h)anthracene
Concen: 0.553 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.02 min
Lab File: BM027900.D
Acq: 22 Nov 2020 03:48

Instrument :
BNA_M
ClientSampleId :
C0AW9

Tot Ion:278 Resp: 3669

Ion	Ratio	Lower	Upper
278	100		
139	30.4	14.8	22.2#
279	36.6	25.8	38.6



#26
Benzo(g,h,i)perylene
Concen: 1.939 ng/ul
RT: 27.45 min Scan# 7532
Delta R.T. -0.01 min
Lab File: BM027900.D
Acq: 22 Nov 2020 03:48

Tgt Ion:276 Resp: 12964

Ion	Ratio	Lower	Upper
276	100		
138	19.6	17.4	26.2
277	25.7	22.5	33.7

