

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027901.D
 Acq On : 22 Nov 2020 04:24
 Operator : JU/CG
 Sample : L4711-06
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF3

Quant Time: Nov 23 05:40:39 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

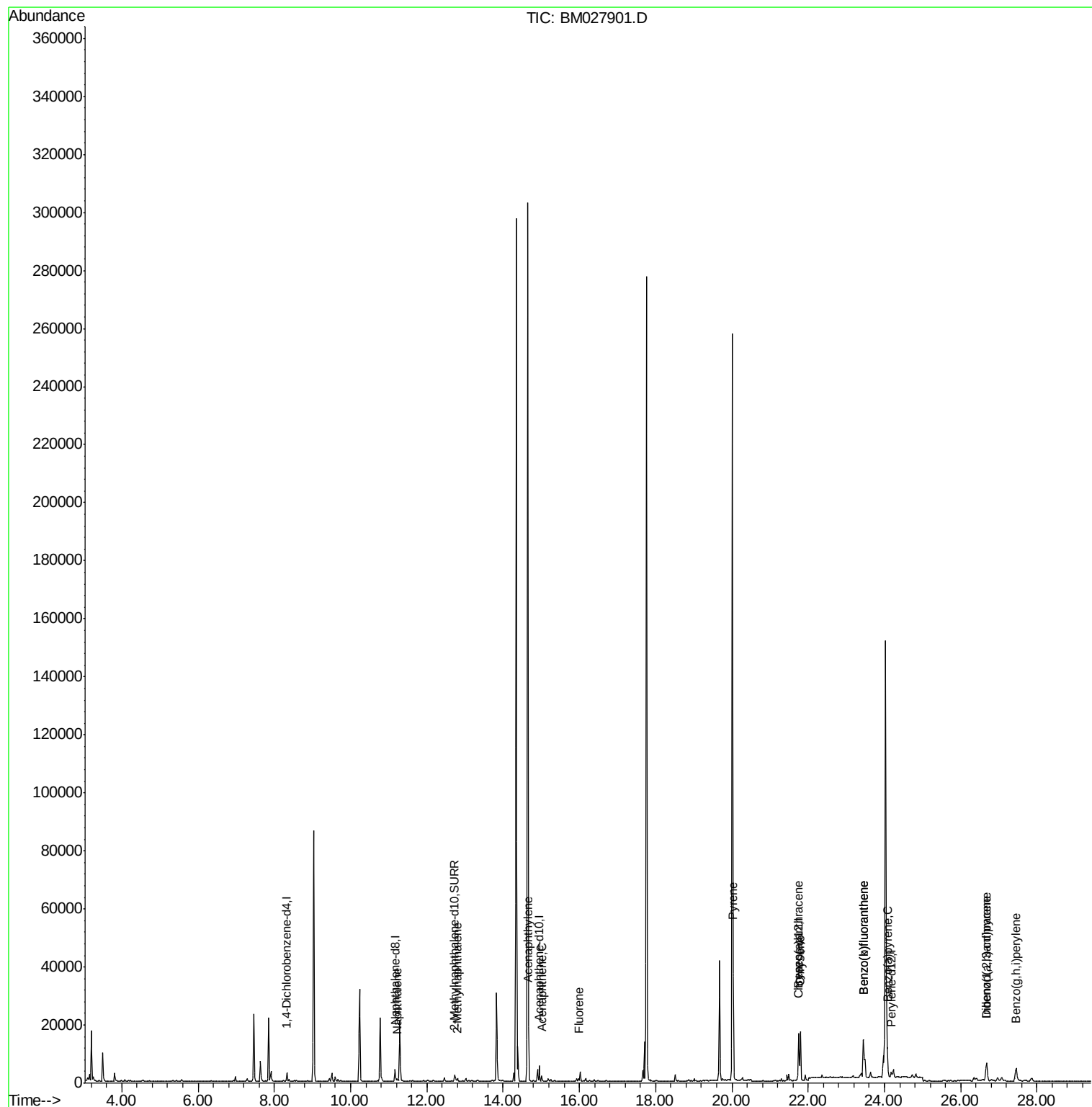
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1374	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	5316	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2961	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.67
16) Chrysene-d12	21.76	240	2688	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2468	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2438	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3137	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	1080	0.068	ng/ul#	88
5) 2-Methylnaphthalene	12.80	142	661	0.061	ng/ul	98
7) Acenaphthylene	14.68	152	628	0.043	ng/ul#	77
8) Acenaphthene	15.01	153	905	0.084	ng/ul	96
9) Fluorene	15.98	166	708	0.056	ng/ul#	96
17) Pyrene	20.04	202	28803	2.110	ng/ul	98
18) Benzo(a)anthracene	21.74	228	14007	1.292	ng/ul	99
19) Chrysene	21.80	228	17308	1.638	ng/ul	99
21) Benzo(b)fluoranthene	23.44	252	30327	2.924	ng/ul	91
22) Benzo(k)fluoranthene	23.44	252	30310	2.984	ng/ul#	92
23) Benzo(a)pyrene	24.07	252	14732	1.624	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	26.68	276	10864	1.106	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.68	278	2746	0.336	ng/ul#	62
26) Benzo(g,h,i)perylene	27.45	276	10595	1.286	ng/ul	96

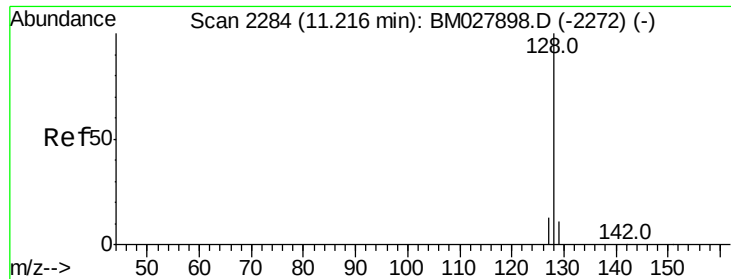
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.068 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027901.D

Acq: 22 Nov 2020 04:24

Instrument :

BNA_M

ClientSampleId :

C0BF3

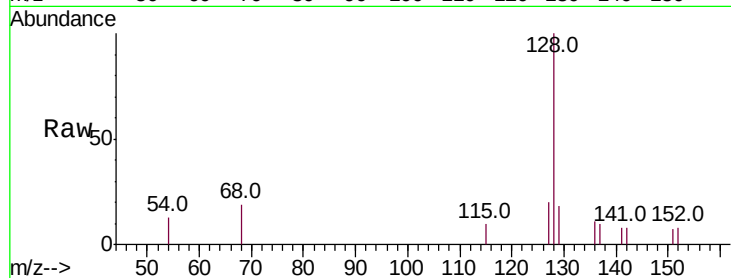
Tot Ion:128 Resp: 1080

Ion Ratio Lower Upper

128 100

129 18.0 10.4 15.6#

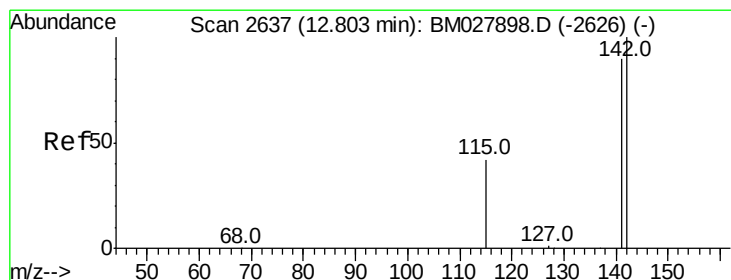
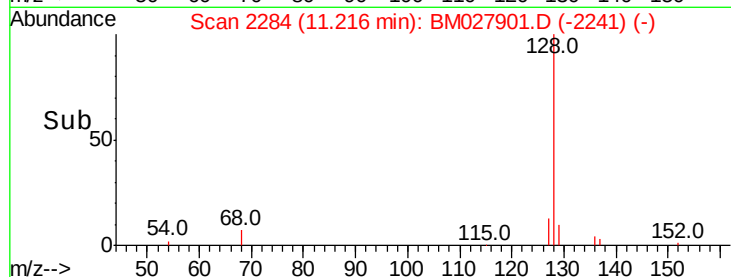
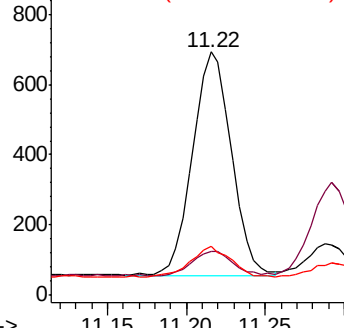
127 19.9 12.0 18.0#



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: 0.061 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027901.D

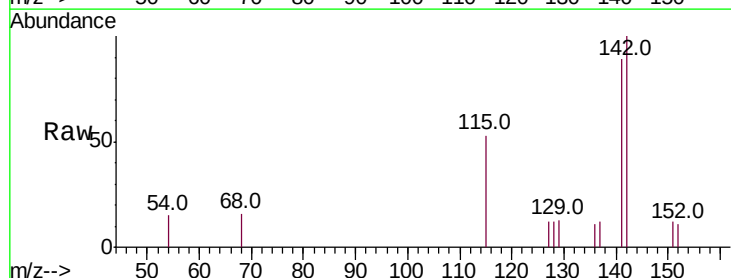
Acq: 22 Nov 2020 04:24

Tgt Ion:142 Resp: 661

Ion Ratio Lower Upper

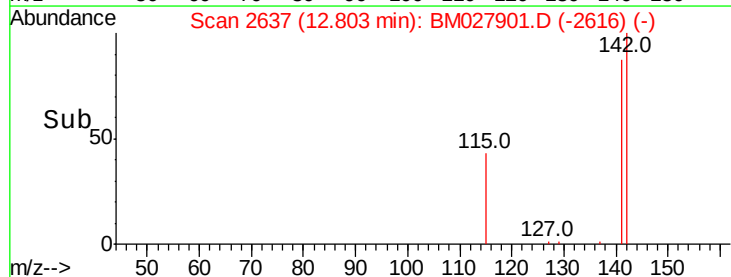
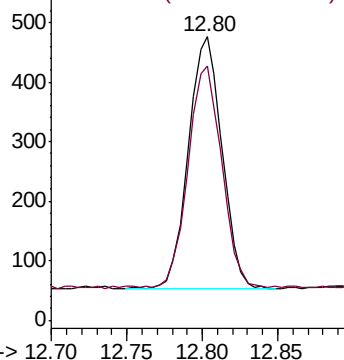
142 100

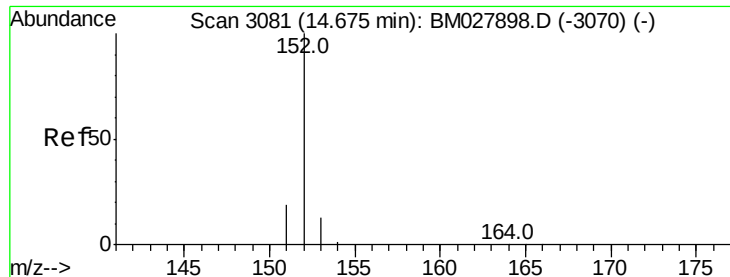
141 87.7 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.043 ng/ul

RT: 14.68 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM027901.D

Acq: 22 Nov 2020 04:24

Instrument :

BNA_M

ClientSampleId :

C0BF3

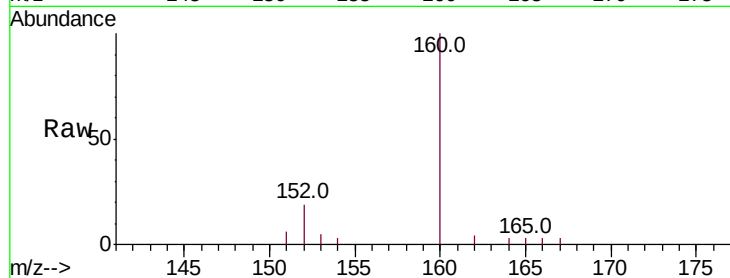
Tot Ion:152 Resp: 628

Ion Ratio Lower Upper

152 100

151 30.9 17.1 25.7#

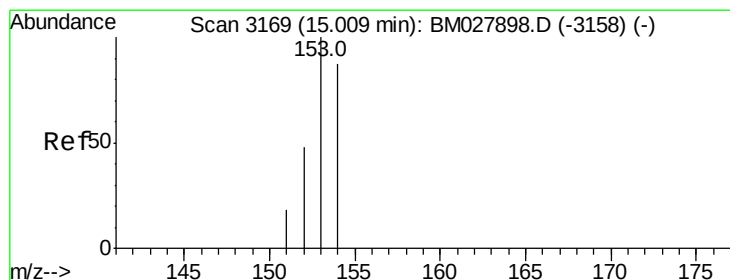
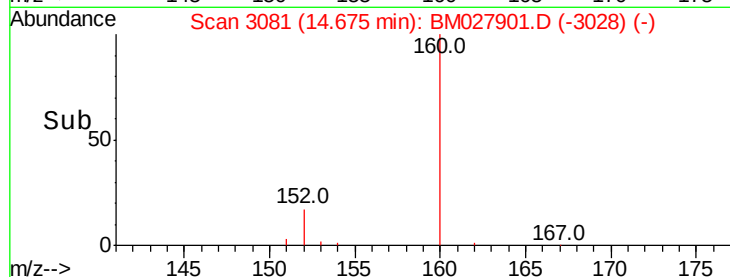
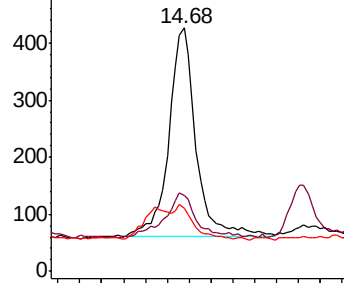
153 26.0 12.0 18.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.084 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027901.D

Acq: 22 Nov 2020 04:24

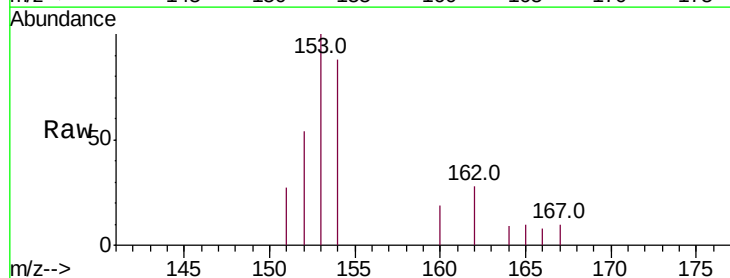
Tgt Ion:153 Resp: 905

Ion Ratio Lower Upper

153 100

152 54.1 39.0 58.6

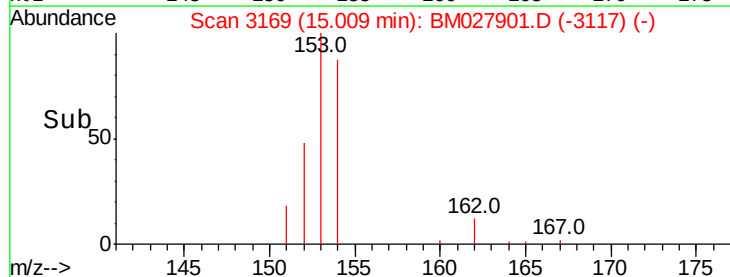
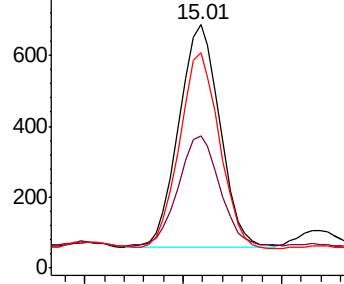
154 88.4 71.6 107.4

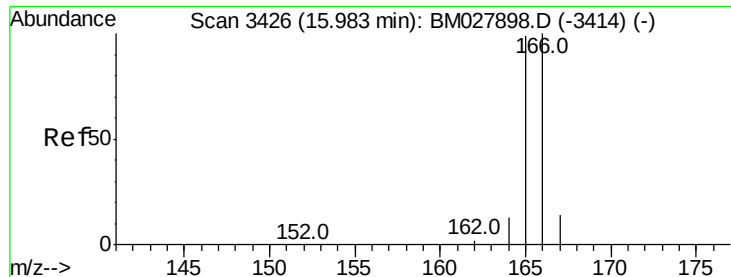


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

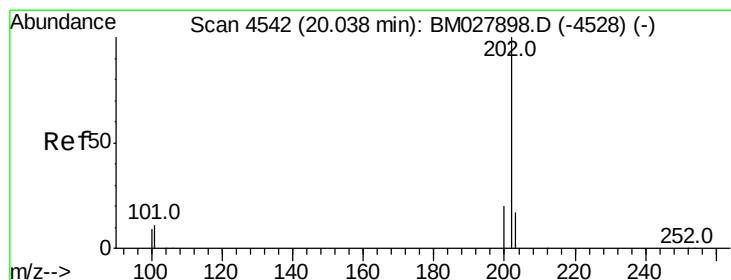
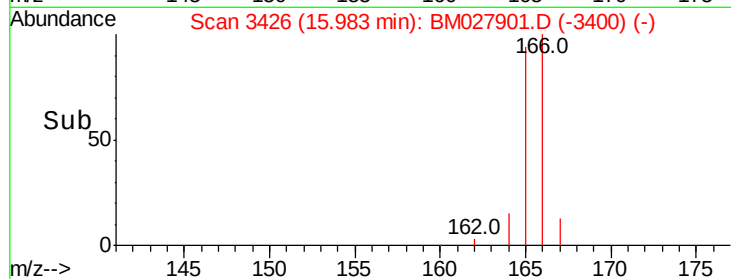
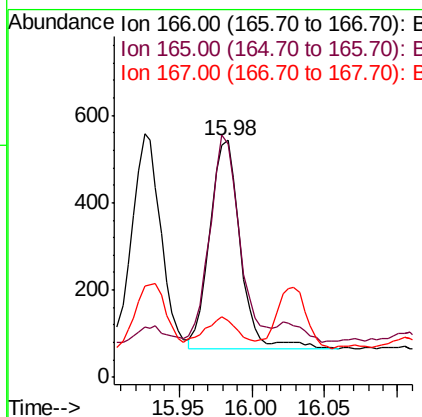
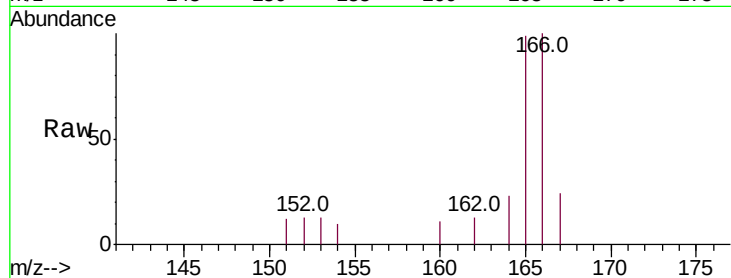




#9
Fluorene
 Concen: 0.056 ng/ul
 RT: 15.98 min Scan# 3426
 Delta R.T. 0.00 min
 Lab File: BM027901.D
 Acq: 22 Nov 2020 04:24

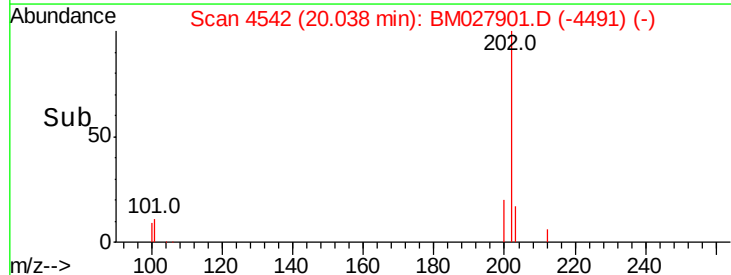
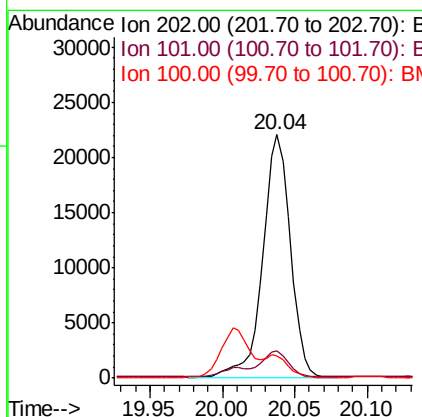
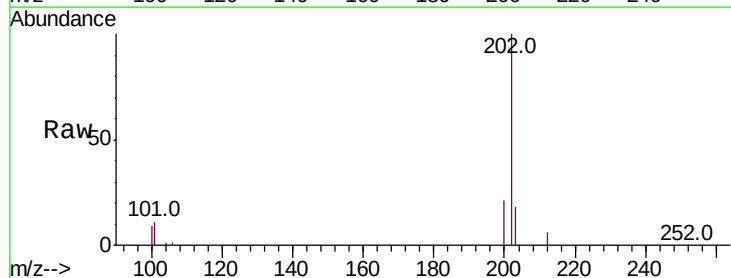
Instrument :
 BNA_M
 ClientSampleId :
 C0BF3

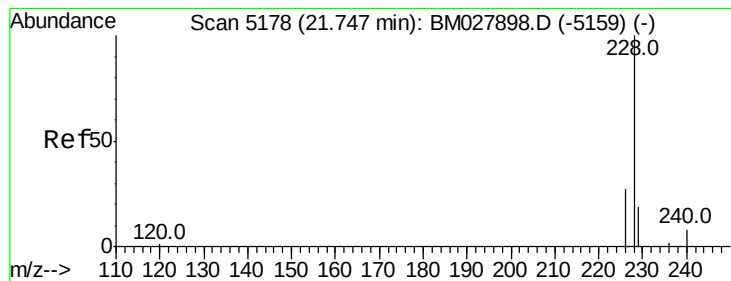
Tot Ion:166 Resp: 708
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.1 117.1
 167 23.8 11.8 17.8#



#17
Pyrene
 Concen: 2.110 ng/ul
 RT: 20.04 min Scan# 4542
 Delta R.T. -0.00 min
 Lab File: BM027901.D
 Acq: 22 Nov 2020 04:24

Tgt Ion:202 Resp: 28803
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.2 12.2
 100 9.0 6.9 10.3





#18

Benzo(a)anthracene

Concen: 1.292 ng/ul

RT: 21.74 min Scan# 5177

Delta R.T. -0.01 min

Lab File: BM027901.D

Acq: 22 Nov 2020 04:24

Instrument :

BNA_M

ClientSampleId :

C0BF3

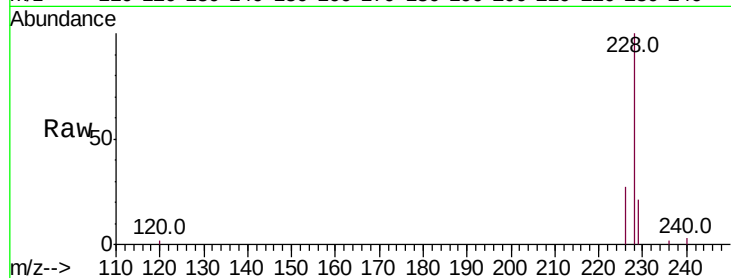
Tot Ion:228 Resp: 14007

Ion Ratio Lower Upper

228 100

229 21.2 16.2 24.4

226 27.2 21.5 32.3

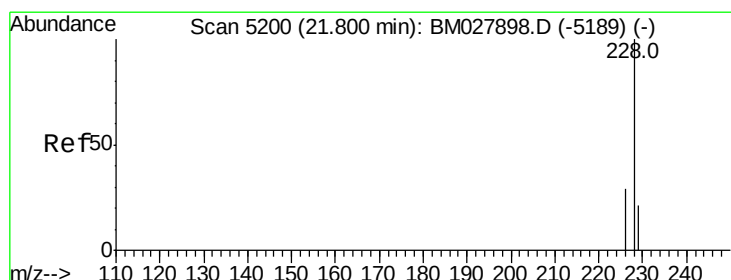
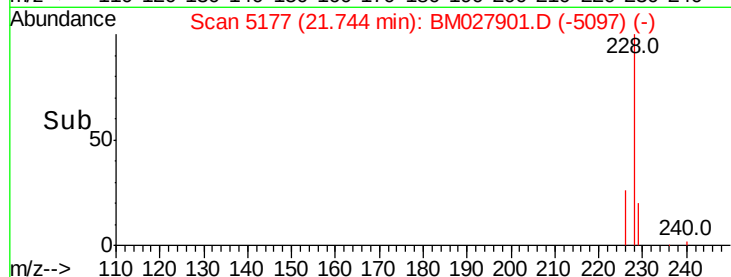
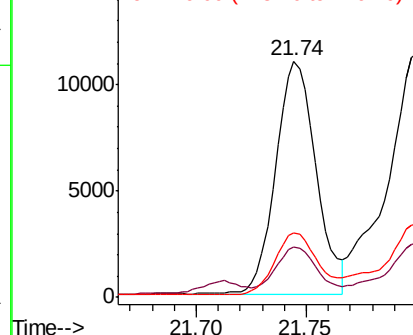


Abundance

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: 1.638 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.01 min

Lab File: BM027901.D

Acq: 22 Nov 2020 04:24

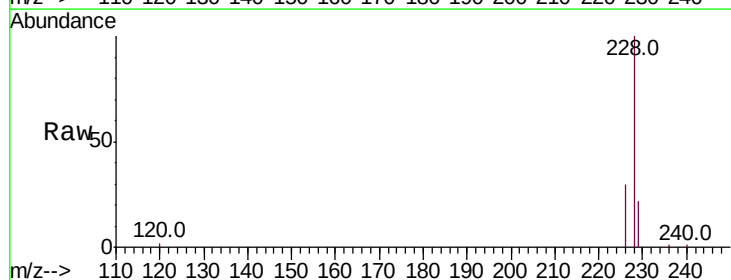
Tgt Ion:228 Resp: 17308

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 22.3 16.6 24.8

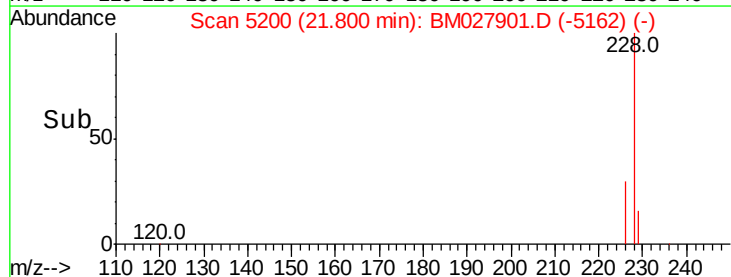
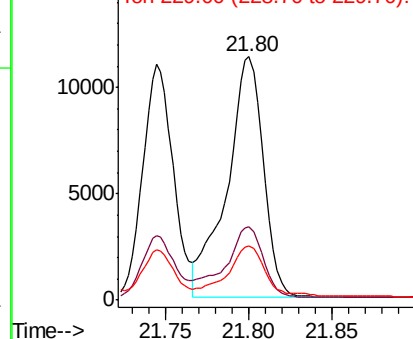


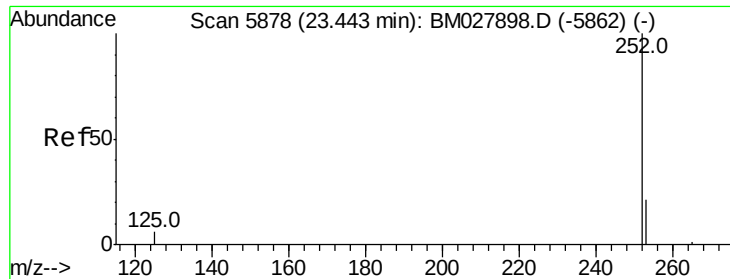
Abundance

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: 2.924 ng/ul

RT: 23.44 min Scan# 5879

Delta R.T. -0.01 min

Lab File: BM027901.D

Acq: 22 Nov 2020 04:24

Instrument :

BNA_M

ClientSampleId :

C0BF3

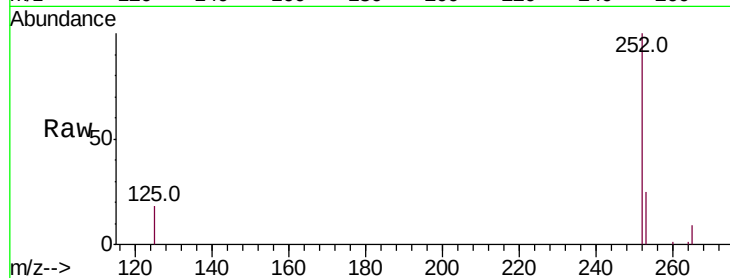
Tot Ion:252 Resp: 30327

Ion Ratio Lower Upper

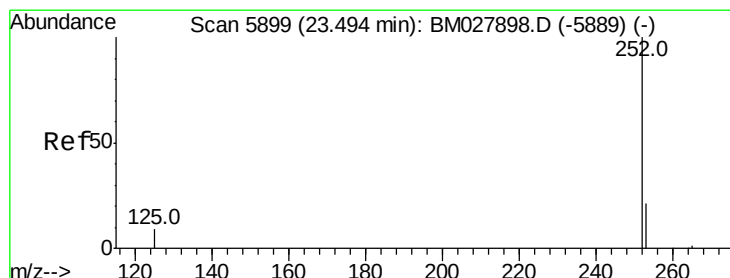
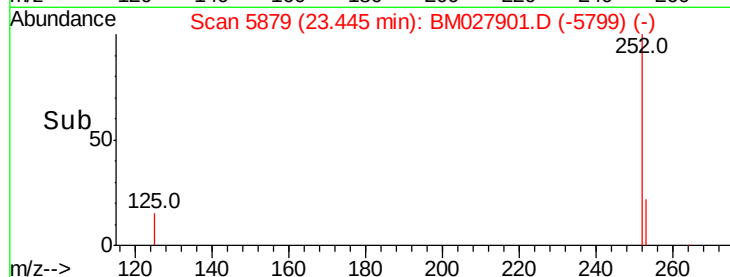
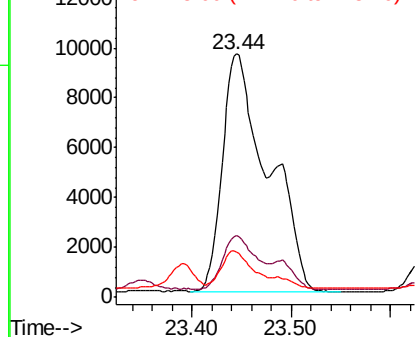
252 100

253 25.2 0.0 59.6

125 18.4 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: 2.984 ng/ul

RT: 23.44 min Scan# 5879

Delta R.T. -0.05 min

Lab File: BM027901.D

Acq: 22 Nov 2020 04:24

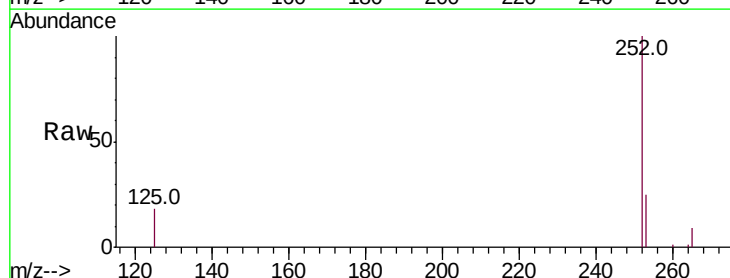
Tgt Ion:252 Resp: 30310

Ion Ratio Lower Upper

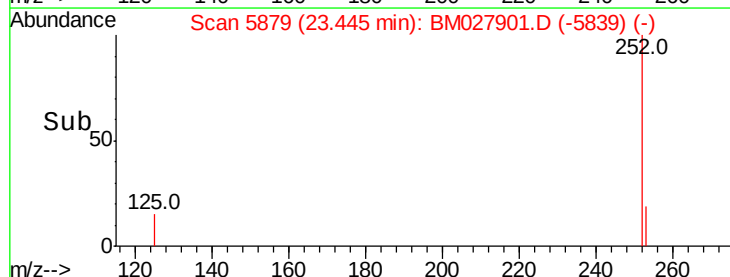
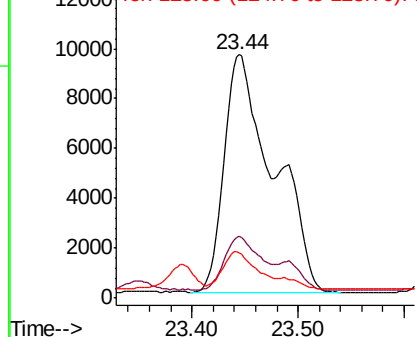
252 100

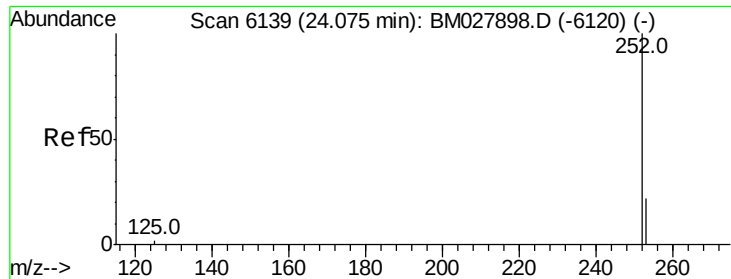
253 25.2 23.2 34.8

125 18.4 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: 1.624 ng/ul

RT: 24.07 min Scan# 6139

Delta R.T. -0.01 min

Lab File: BM027901.D

Acq: 22 Nov 2020 04:24

Instrument :

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ClientSampleId :

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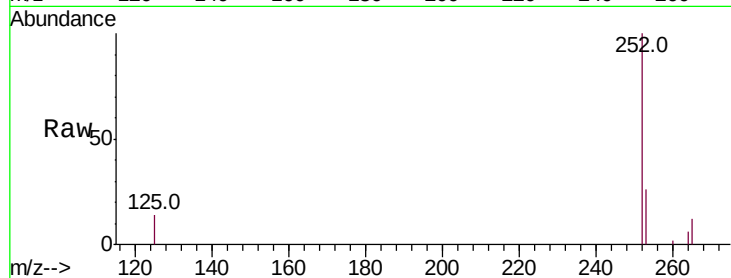
Tot Ion:252 Resp: 14732

Ion Ratio Lower Upper

252 100

253 25.7 25.2 37.8

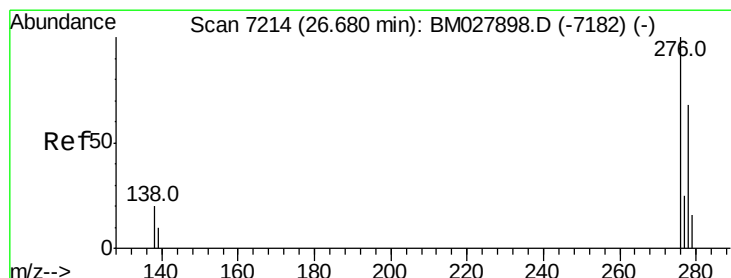
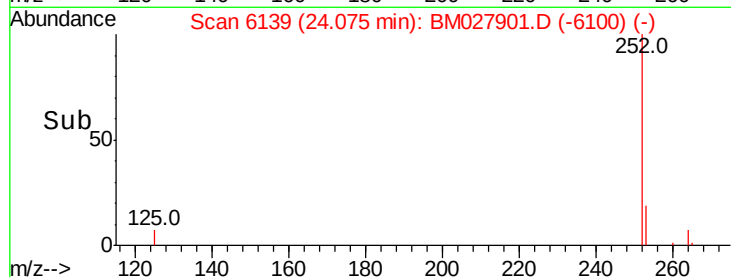
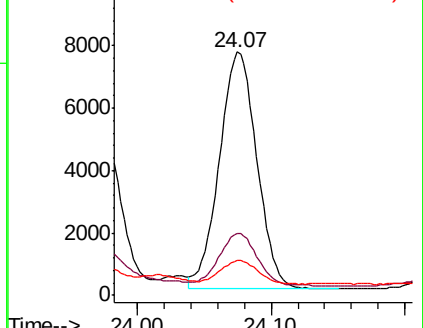
125 14.3 13.8 20.6



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: 1.106 ng/ul

RT: 26.68 min Scan# 7213

Delta R.T. -0.01 min

Lab File: BM027901.D

Acq: 22 Nov 2020 04:24

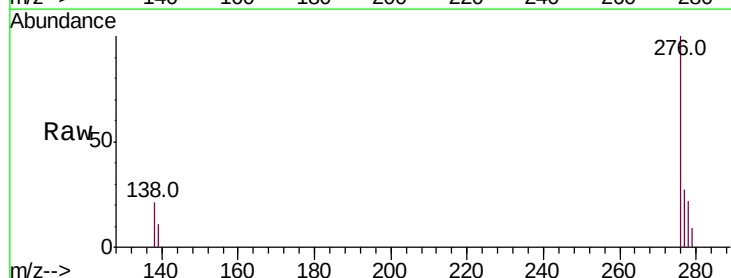
Tgt Ion:276 Resp: 10864

Ion Ratio Lower Upper

276 100

138 18.9 15.7 23.5

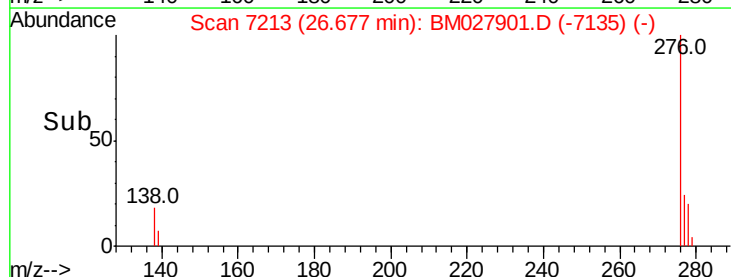
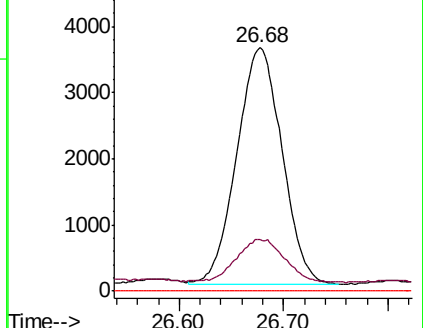
227 0.0 0.0 0.0

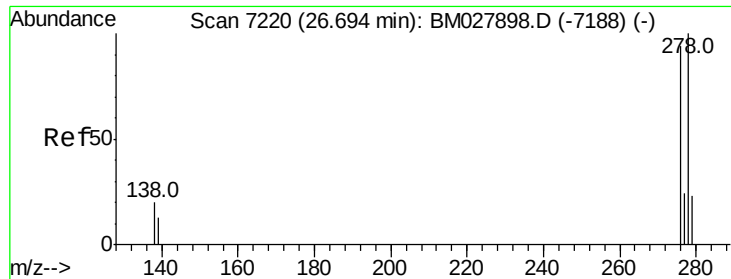


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.336 ng/ul

RT: 26.68 min Scan# 7215

Delta R.T. -0.02 min

Lab File: BM027901.D

Acq: 22 Nov 2020 04:24

Instrument :

BNA_M

ClientSampleId :

C0BF3

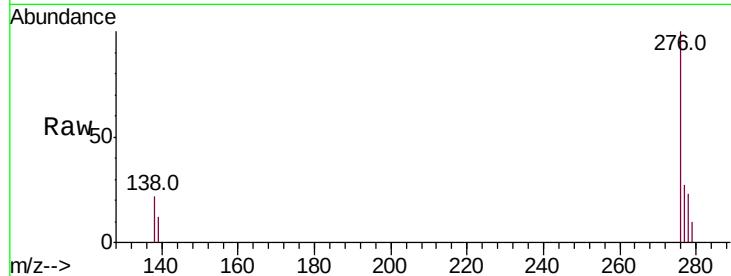
Tot Ion:278 Resp: 2746

Ion Ratio Lower Upper

278 100

139 52.3 14.8 22.2#

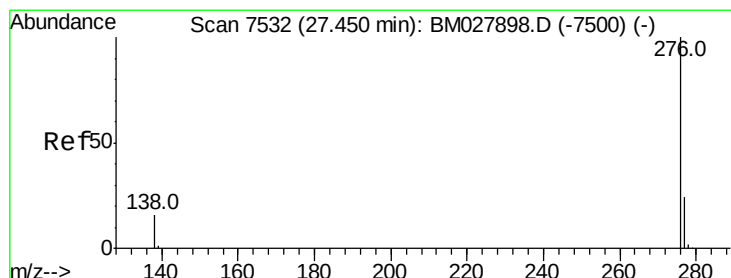
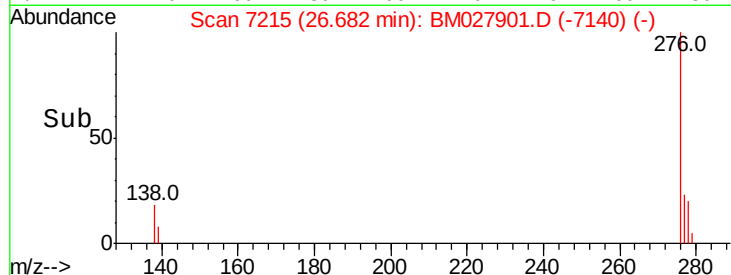
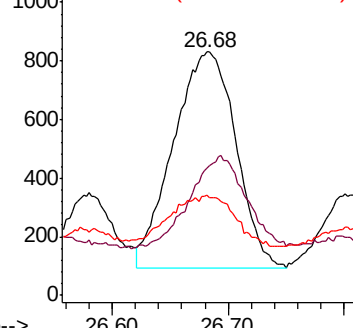
279 41.0 25.8 38.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 1.286 ng/ul

RT: 27.45 min Scan# 7532

Delta R.T. -0.01 min

Lab File: BM027901.D

Acq: 22 Nov 2020 04:24

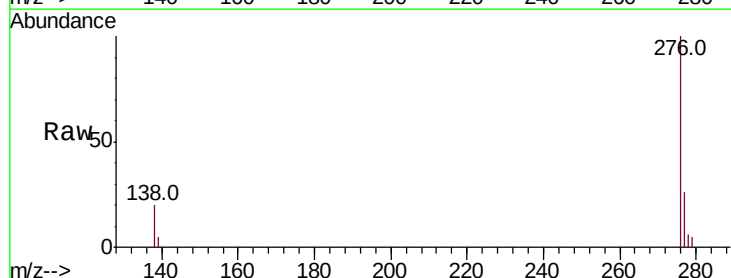
Tgt Ion:276 Resp: 10595

Ion Ratio Lower Upper

276 100

138 20.1 17.4 26.2

277 26.0 22.5 33.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

