

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027882.D
 Acq On : 21 Nov 2020 15:34
 Operator : JU/CG
 Sample : L4854-06DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD4DL

Quant Time: Nov 23 03:00:19 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 02:58:43 2020
 Response via : Initial Calibration

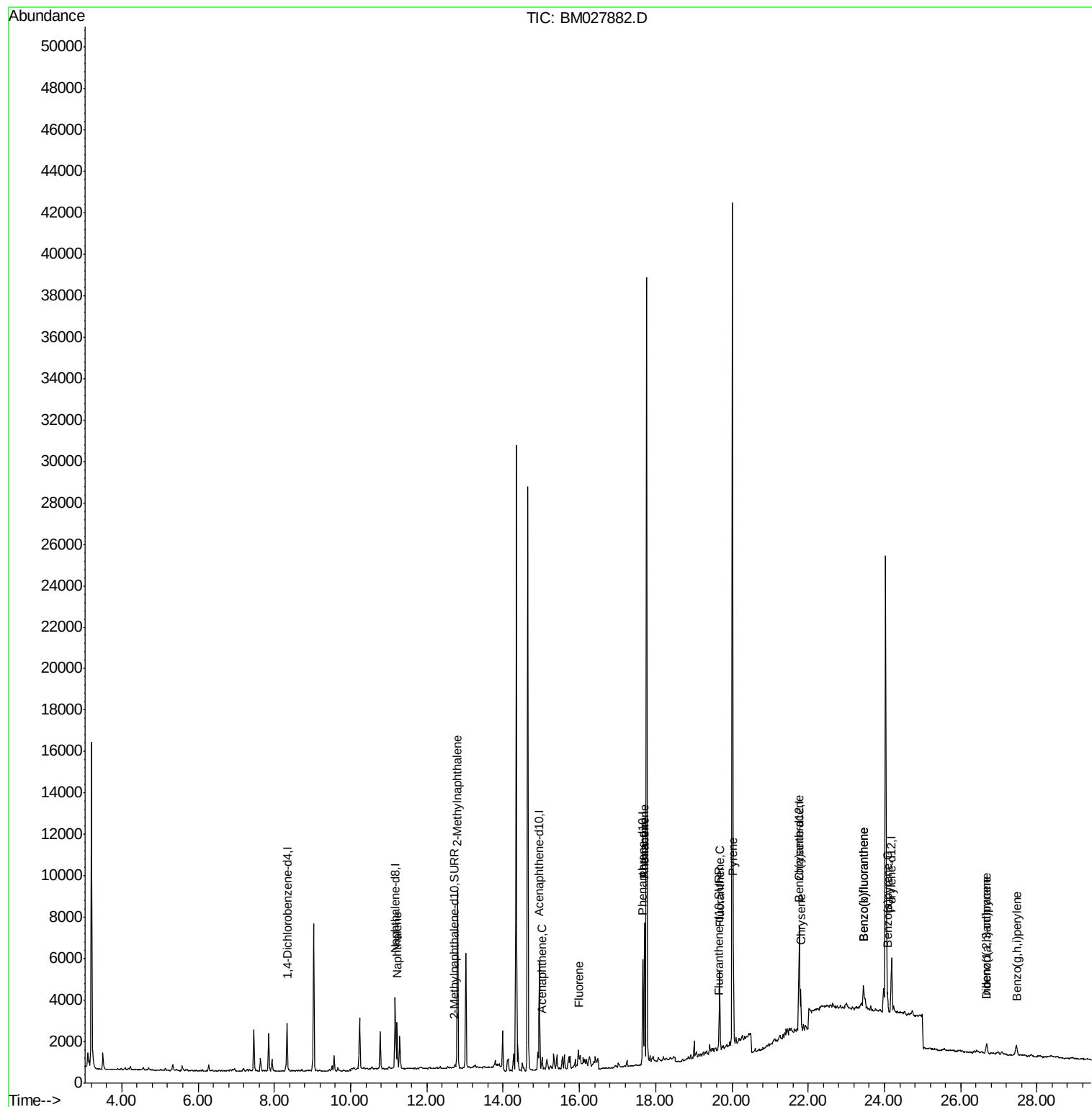
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1114	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4520	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2859	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5876	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	4062	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	3617	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	206	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	434	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	2984	0.220	ng/ul	98
5) 2-Methylnaphthalene	12.80	142	5618	0.610	ng/ul	99
8) Acenaphthene	15.02	153	255	0.024	ng/ul#	66
9) Fluorene	15.98	166	352	0.029	ng/ul#	80
12) Phenanthrene	17.70	178	7133	0.384	ng/ul	99
13) Anthracene	17.70	178	5213	0.291	ng/ul	97
15) Fluoranthene	19.68	202	3224	0.157	ng/ul	93
17) Pyrene	20.04	202	3983	0.193	ng/ul#	92
18) Benzo(a)anthracene	21.75	228	1521	0.093	ng/ul#	41
19) Chrysene	21.80	228	2389	0.150	ng/ul#	55
21) Benzo(b)fluoranthene	23.45	252	2563	0.169	ng/ul#	6
22) Benzo(k)fluoranthene	23.45	252	2565	0.172	ng/ul#	4
23) Benzo(a)pyrene	24.08	252	1228	0.092	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.68	276	798	0.055	ng/ul#	66
25) Dibenzo(a,h)anthracene	26.69	278	265	0.022	ng/ul#	1
26) Benzo(a,h,i)perylene	27.45	276	1190	0.099	ng/ul#	50

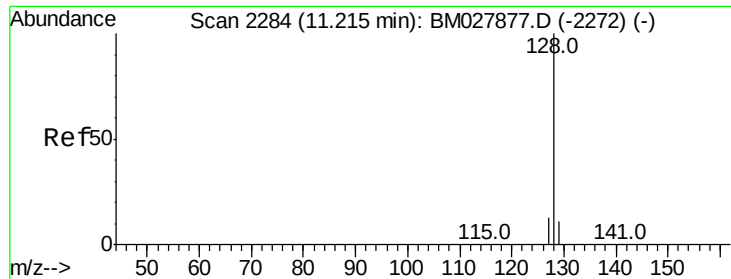
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.220 ng/ul

RT: 11.22 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Instrument :

BNA_M

ClientSampleId :

C0AD4DL

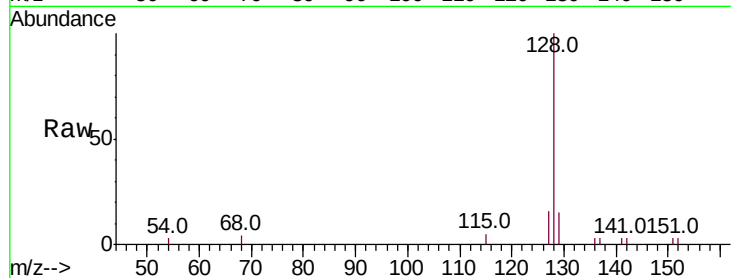
Tot Ion:128 Resp: 2984

Ion Ratio Lower Upper

128 100

129 14.5 10.4 15.6

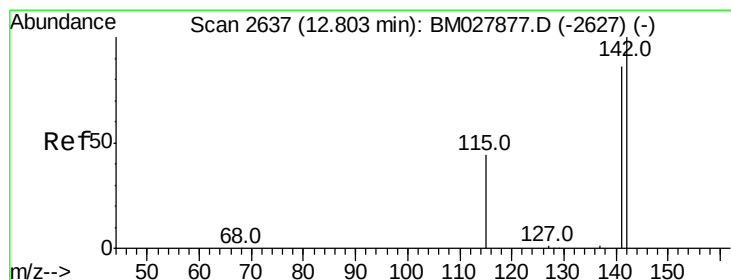
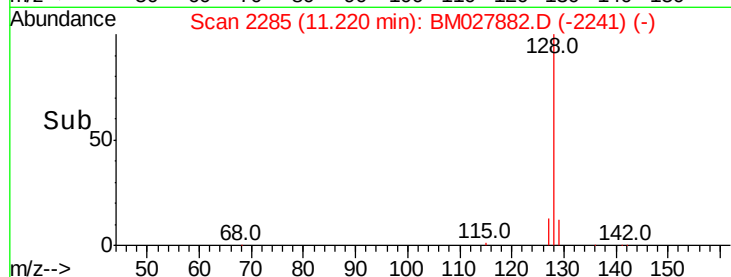
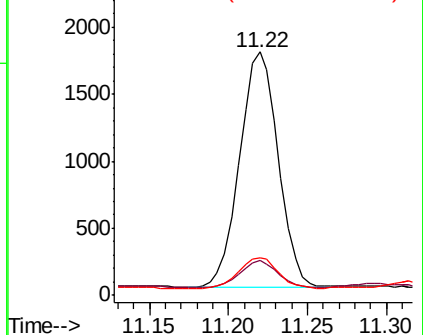
127 15.5 12.0 18.0



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: 0.610 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027882.D

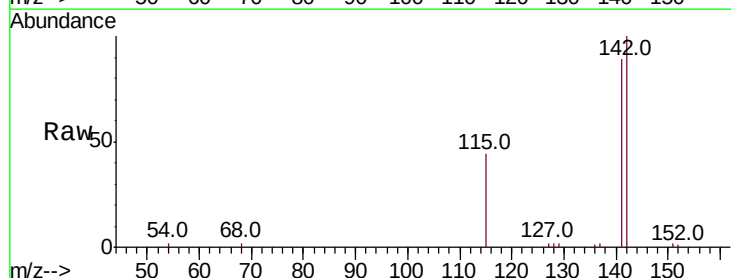
Acq: 21 Nov 2020 15:34

Tgt Ion:142 Resp: 5618

Ion Ratio Lower Upper

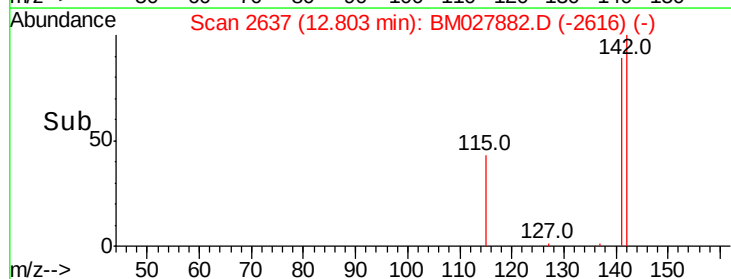
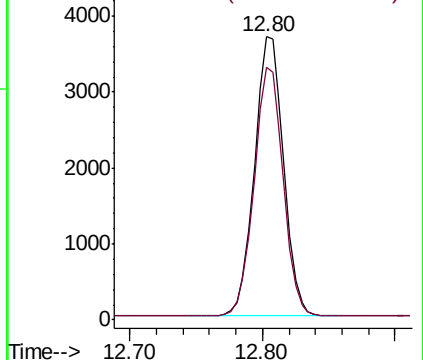
142 100

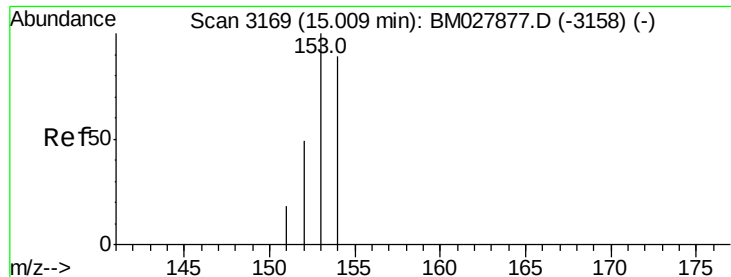
141 88.9 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.024 ng/ul

RT: 15.02 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Instrument :

BNA_M

ClientSampleId :

C0AD4DL

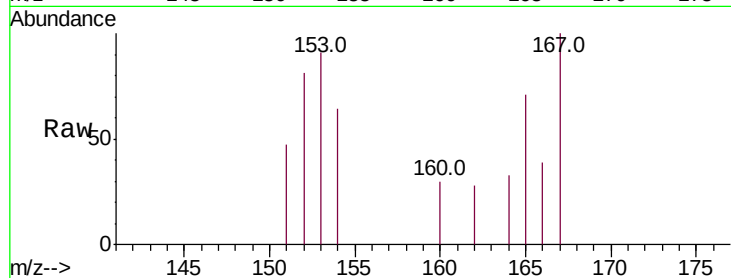
Tot Ion:153 Resp: 255

Ion Ratio Lower Upper

153 100

152 89.3 39.0 58.6#

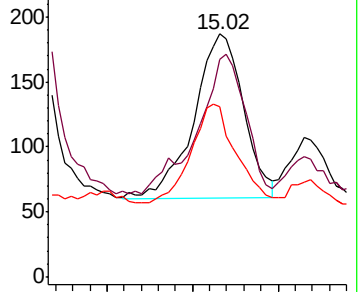
154 70.1 71.6 107.4#



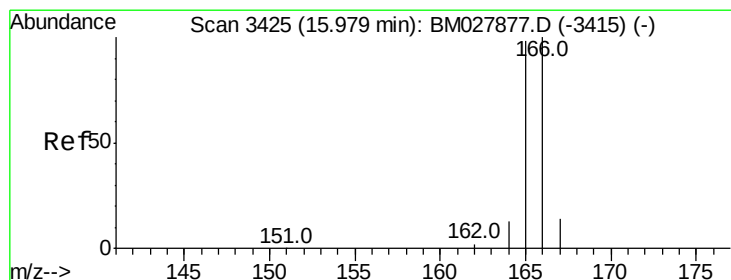
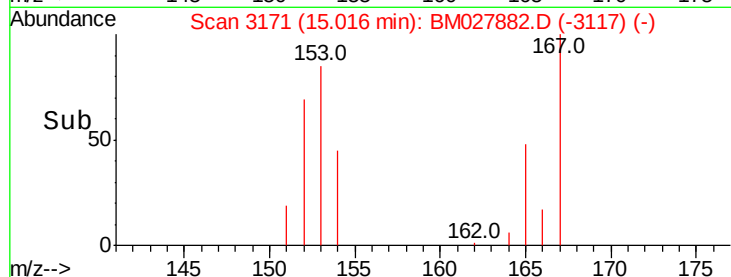
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.029 ng/ul

RT: 15.98 min Scan# 3426

Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

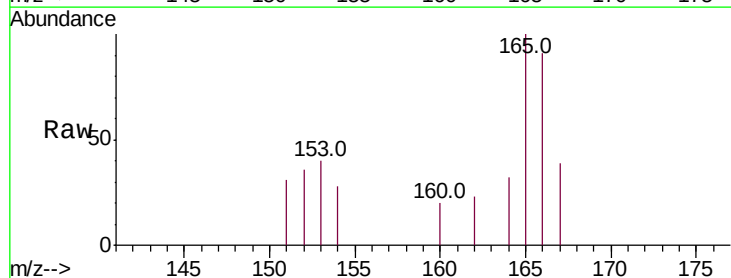
Tgt Ion:166 Resp: 352

Ion Ratio Lower Upper

166 100

165 110.3 78.1 117.1

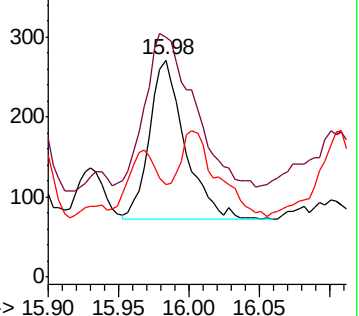
167 42.8 11.8 17.8#



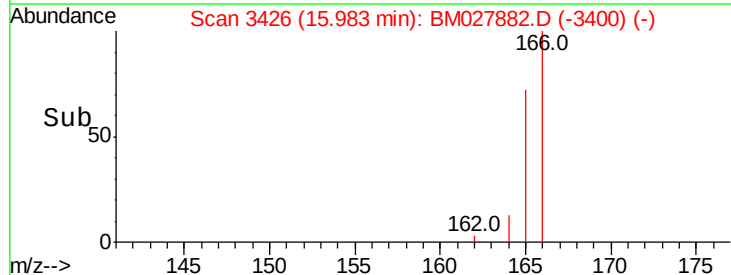
Abundance Ion 166.00 (165.70 to 166.70): E

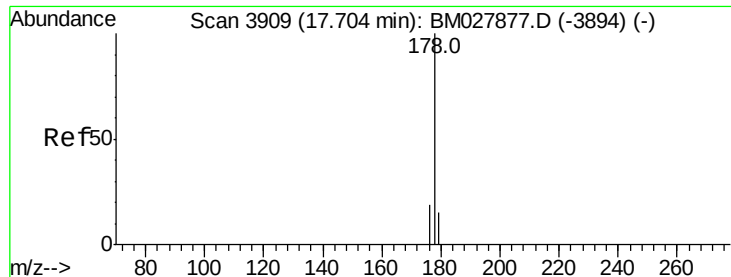
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 0.384 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Instrument :

BNA_M

ClientSampleId :

C0AD4DL

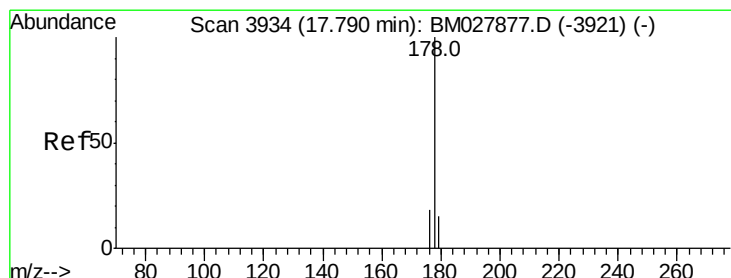
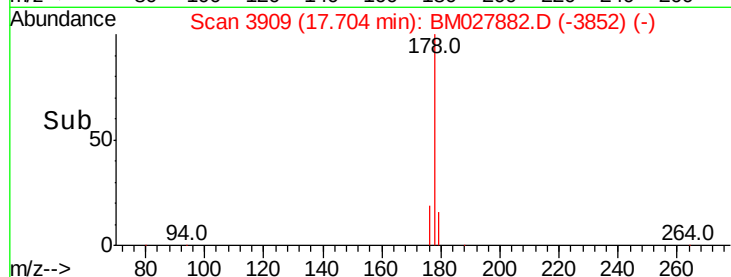
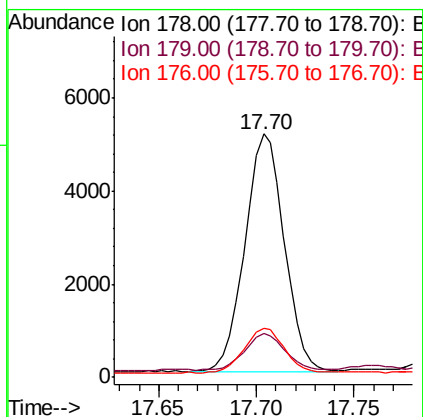
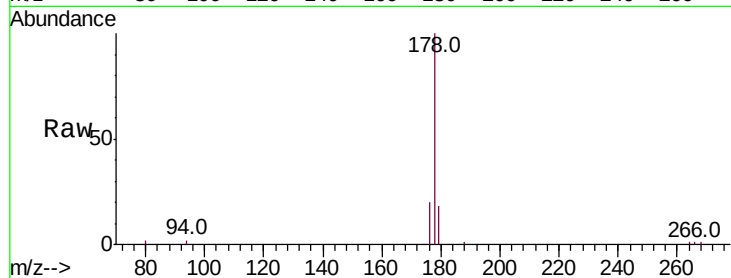
Tot Ion:178 Resp: 7133

Ion Ratio Lower Upper

178 100

179 18.1 13.6 20.4

176 20.0 16.1 24.1



#13

Anthracene

Concen: 0.291 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.09 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

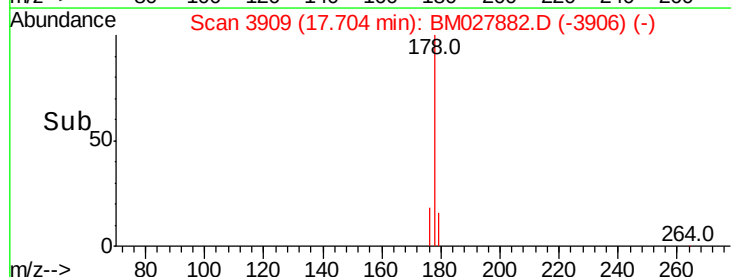
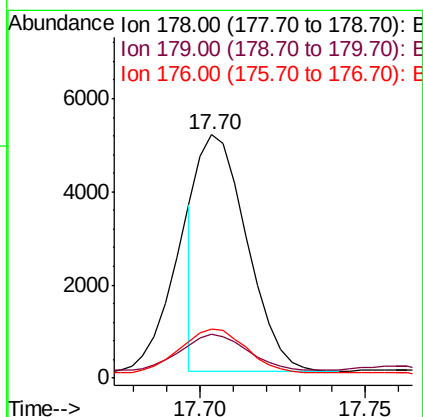
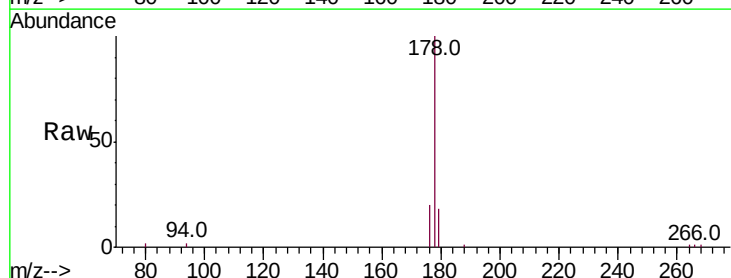
Tgt Ion:178 Resp: 5213

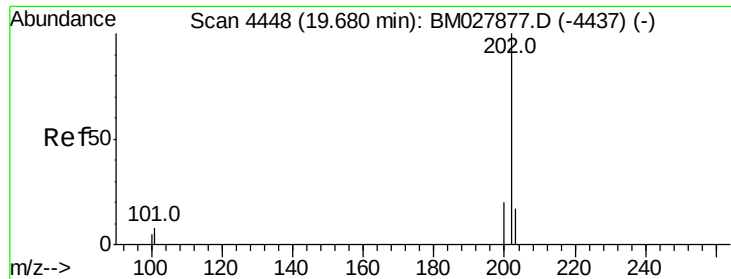
Ion Ratio Lower Upper

178 100

179 18.1 13.4 20.2

176 20.0 15.0 22.6





#15

Fluoranthene

Concen: 0.157 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Instrument :

BNA_M

ClientSampleId :

C0AD4DL

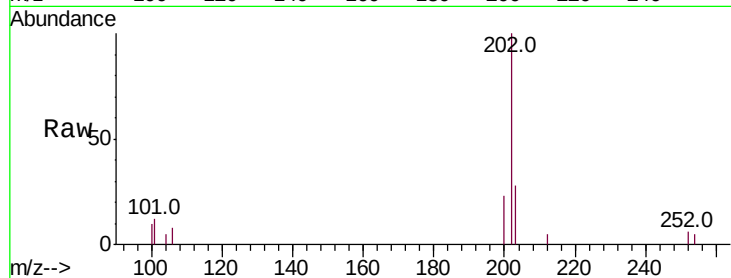
Tot Ion:202 Resp: 3224

Ion Ratio Lower Upper

202 100

101 12.2 0.0 29.3

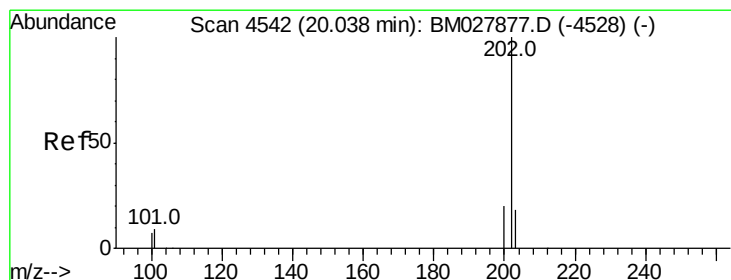
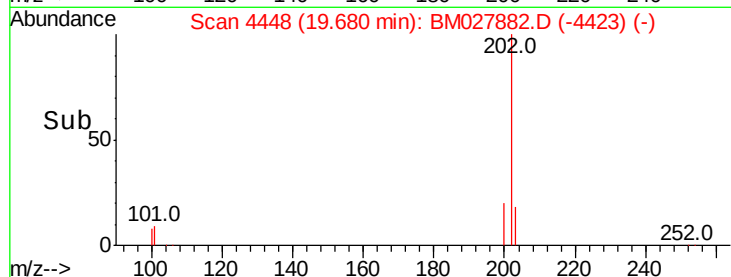
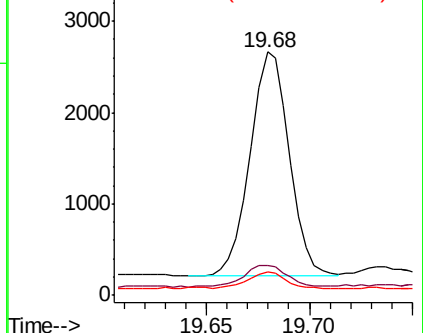
100 9.6 0.0 27.4



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: 0.193 ng/ul

RT: 20.04 min Scan# 4542

Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

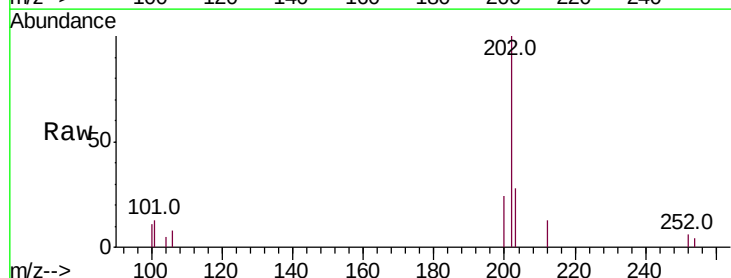
Tgt Ion:202 Resp: 3983

Ion Ratio Lower Upper

202 100

101 13.5 8.2 12.2#

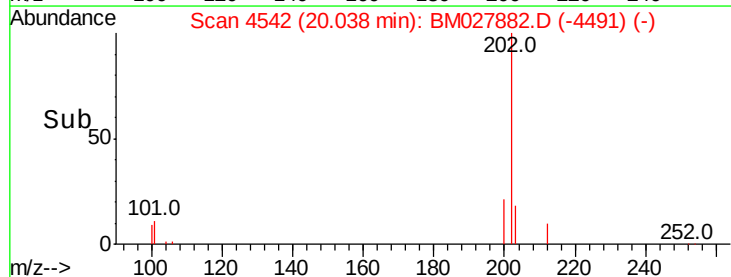
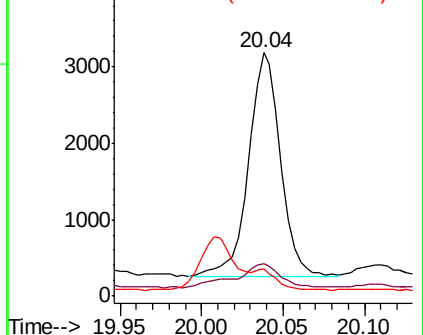
100 11.0 6.9 10.3#

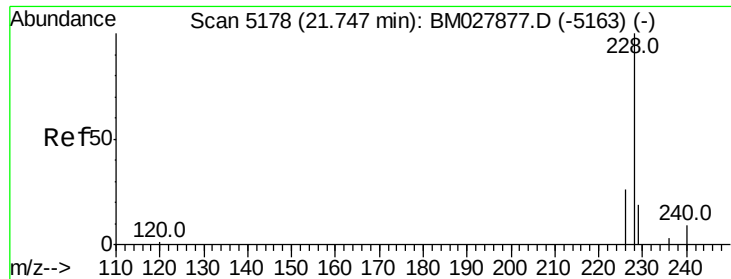


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.093 ng/ul

RT: 21.75 min Scan# 5179

Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Instrument :

BNA_M

ClientSampleId :

C0AD4DL

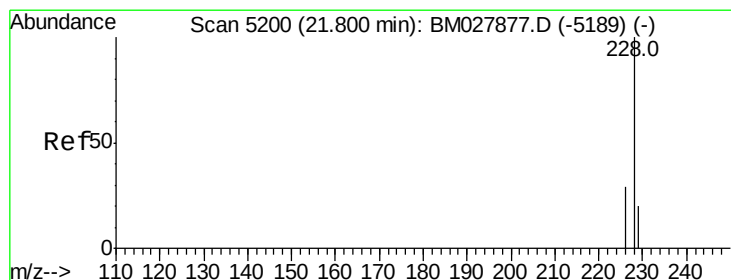
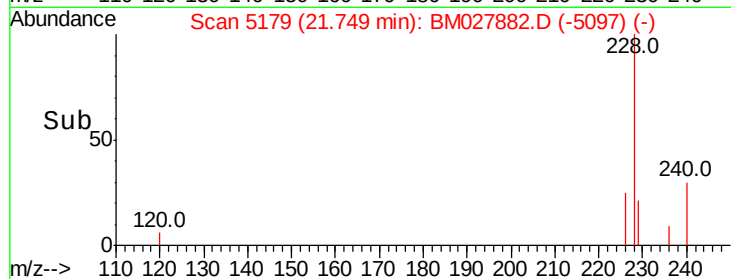
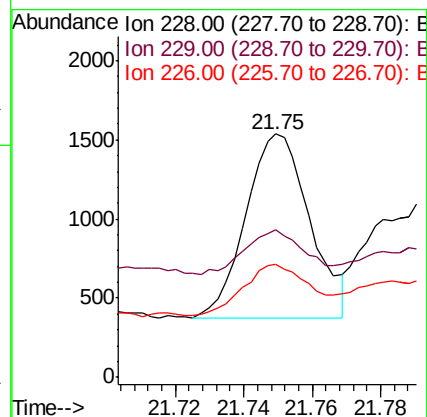
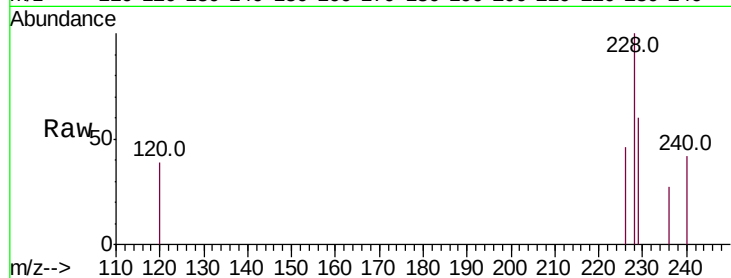
Tot Ion:228 Resp: 1521

Ion Ratio Lower Upper

228 100

229 60.5 16.2 24.4#

226 46.5 21.5 32.3#



#19

Chrysene

Concen: 0.150 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

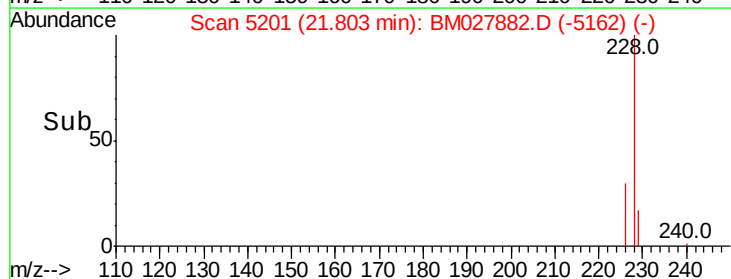
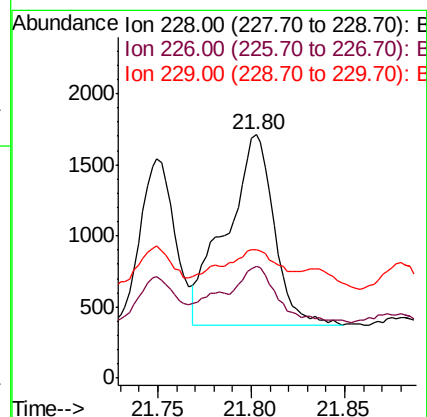
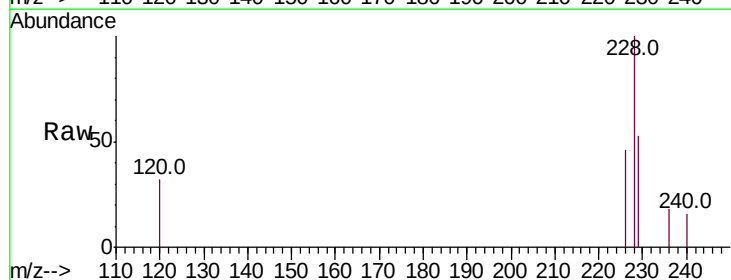
Tgt Ion:228 Resp: 2389

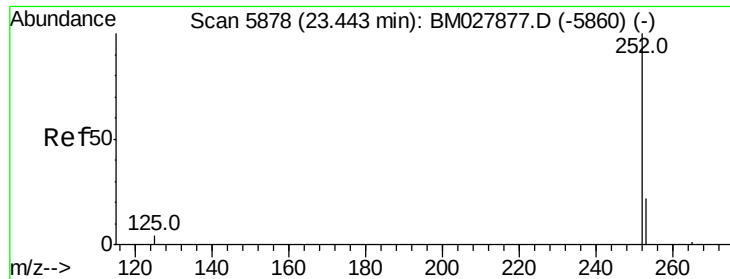
Ion Ratio Lower Upper

228 100

226 45.9 24.1 36.1#

229 52.8 16.6 24.8#





#21

Benzo(b)fluoranthene

Concen: 0.169 ng/ul

RT: 23.45 min Scan# 5881

Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Instrument :

BNA_M

ClientSampleId :

C0AD4DL

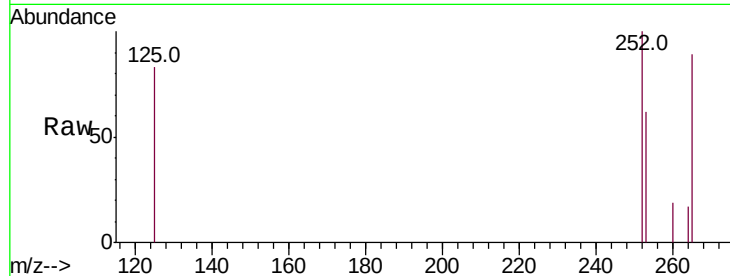
Tot Ion:252 Resp: 2563

Ion Ratio Lower Upper

252 100

253 61.8 0.0 59.6#

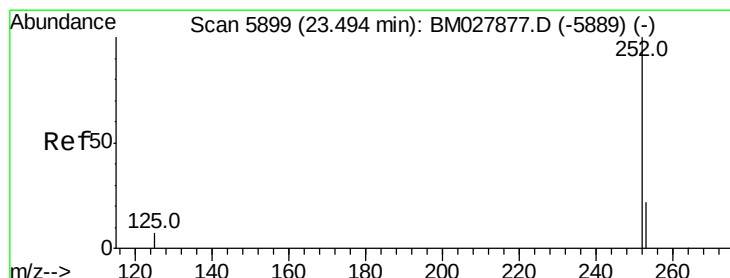
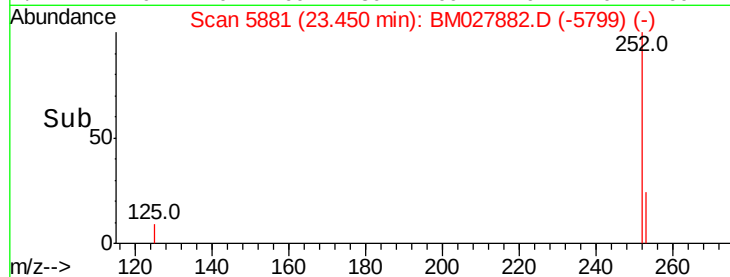
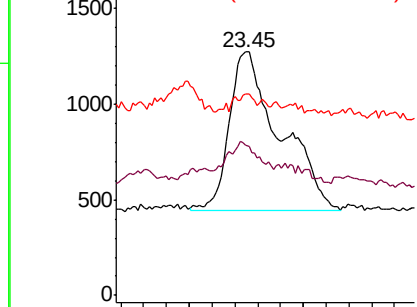
125 82.7 0.0 28.4#



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: 0.172 ng/ul

RT: 23.45 min Scan# 5881

Delta R.T. -0.05 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

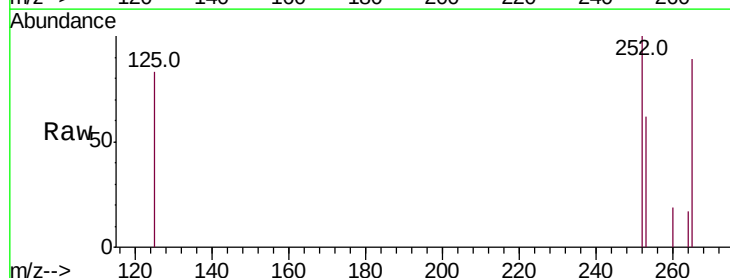
Tgt Ion:252 Resp: 2565

Ion Ratio Lower Upper

252 100

253 61.8 23.2 34.8#

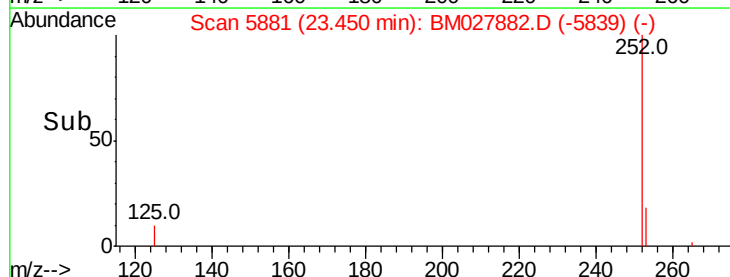
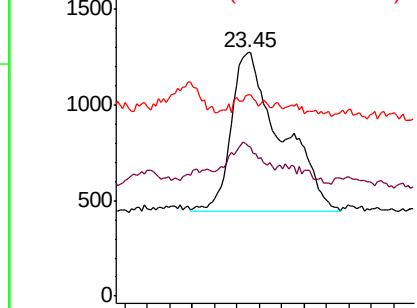
125 82.7 11.8 17.6#

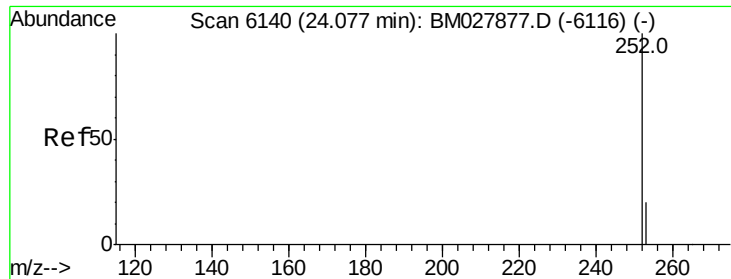


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.092 ng/ul

RT: 24.08 min Scan# 6142

Delta R.T. 0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Instrument :

BNA_M

ClientSampleId :

C0AD4DL

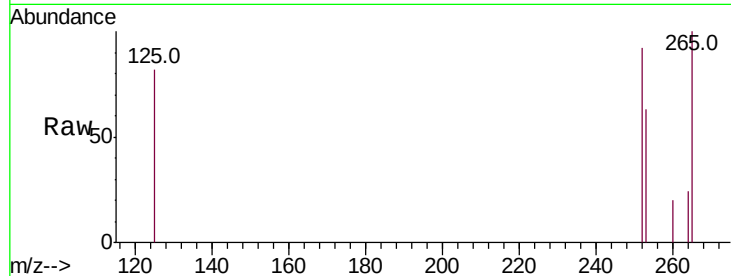
Tot Ion:252 Resp: 1228

Ion Ratio Lower Upper

252 100

253 68.3 25.2 37.8#

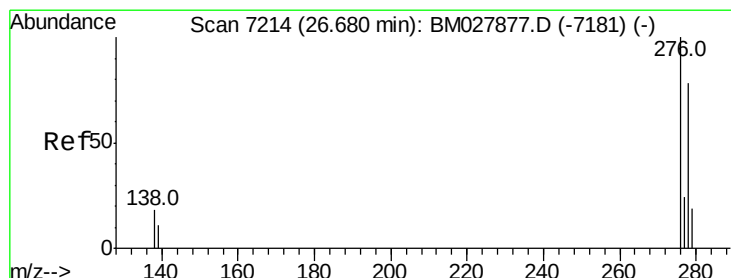
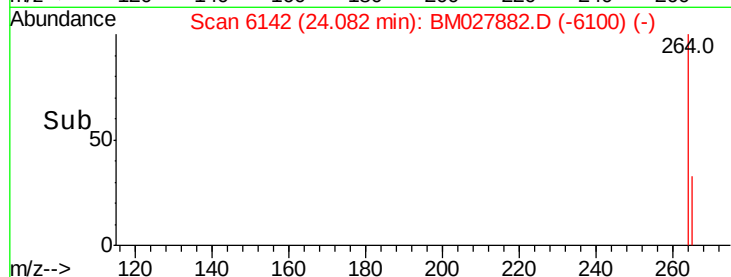
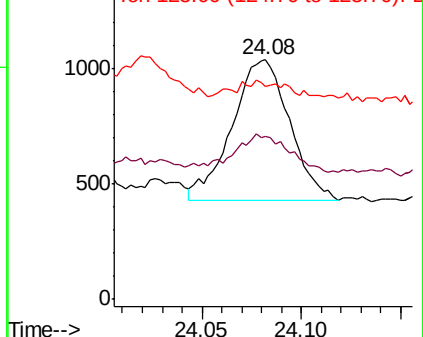
125 88.7 13.8 20.6#



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: 0.055 ng/ul

RT: 26.68 min Scan# 7214

Delta R.T. -0.01 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

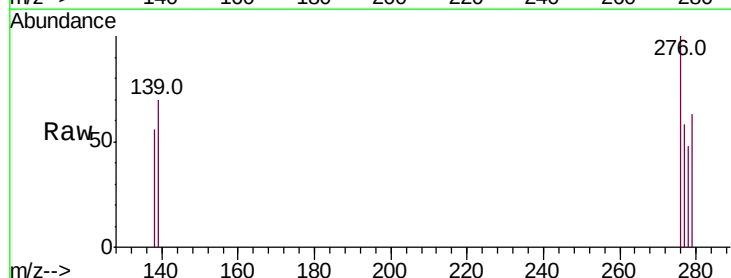
Tgt Ion:276 Resp: 798

Ion Ratio Lower Upper

276 100

138 3.9 15.7 23.5#

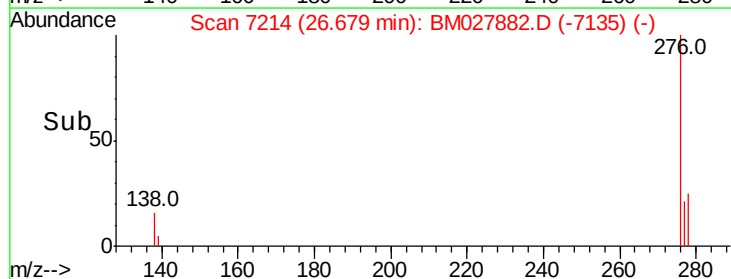
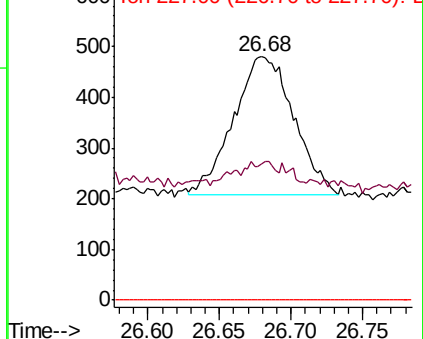
227 0.0 0.0 0.0

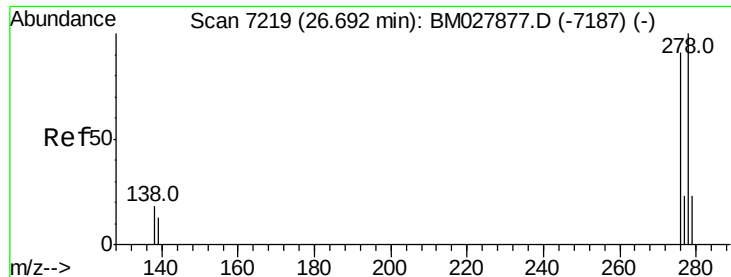


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.022 ng/ul

RT: 26.69 min Scan# 7218

Delta R.T. -0.01 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Instrument :

BNA_M

ClientSampleId :

C0AD4DL

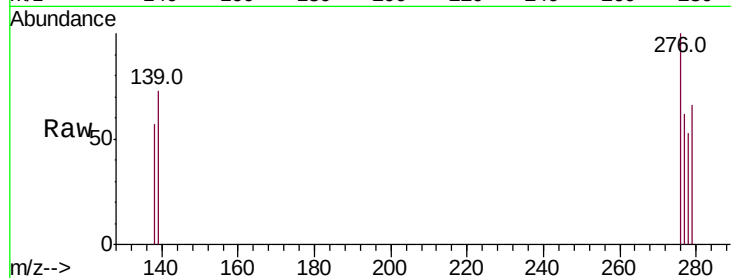
Tot Ion:278 Resp: 265

Ion Ratio Lower Upper

278 100

139 138.8 14.8 22.2#

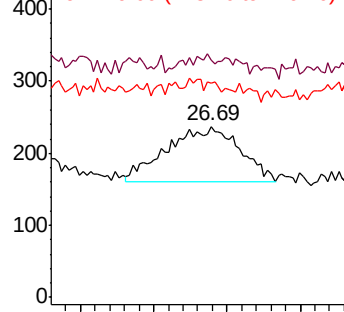
279 125.7 25.8 38.6#



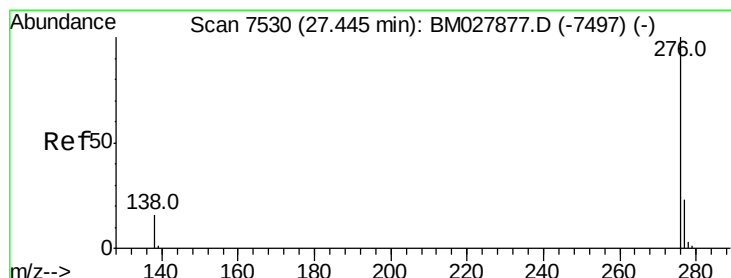
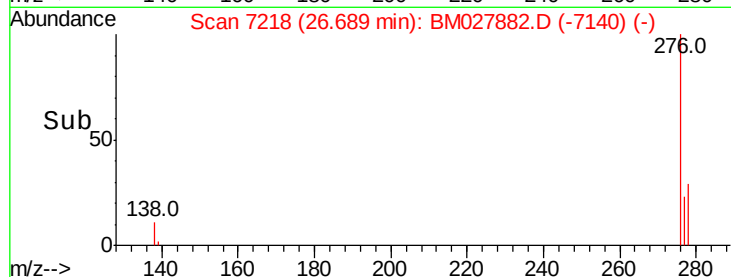
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.099 ng/ul

RT: 27.45 min Scan# 7533

Delta R.T. -0.01 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

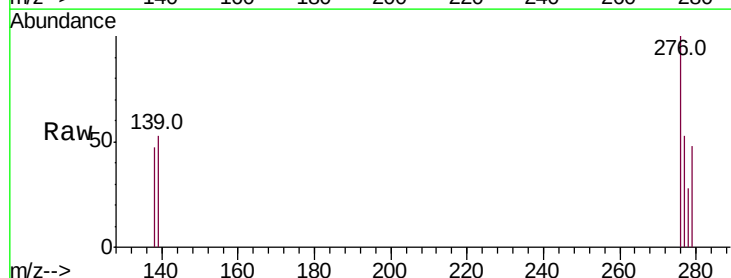
Tgt Ion:276 Resp: 1190

Ion Ratio Lower Upper

276 100

138 47.1 17.4 26.2#

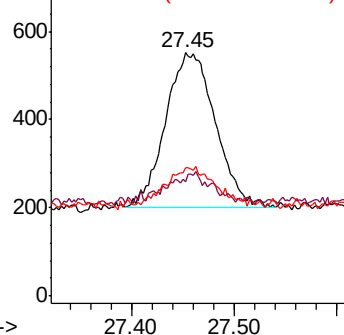
277 52.9 22.5 33.7#



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



Time-->

