

Data File : BN008204.D
Acq On : 16 Oct 2019 18:31
Operator : JU
Sample : K5124-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 17 01:51:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3326	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15365	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9966	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.20	240	15725	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	15388	0.40	ng/ul	0.02

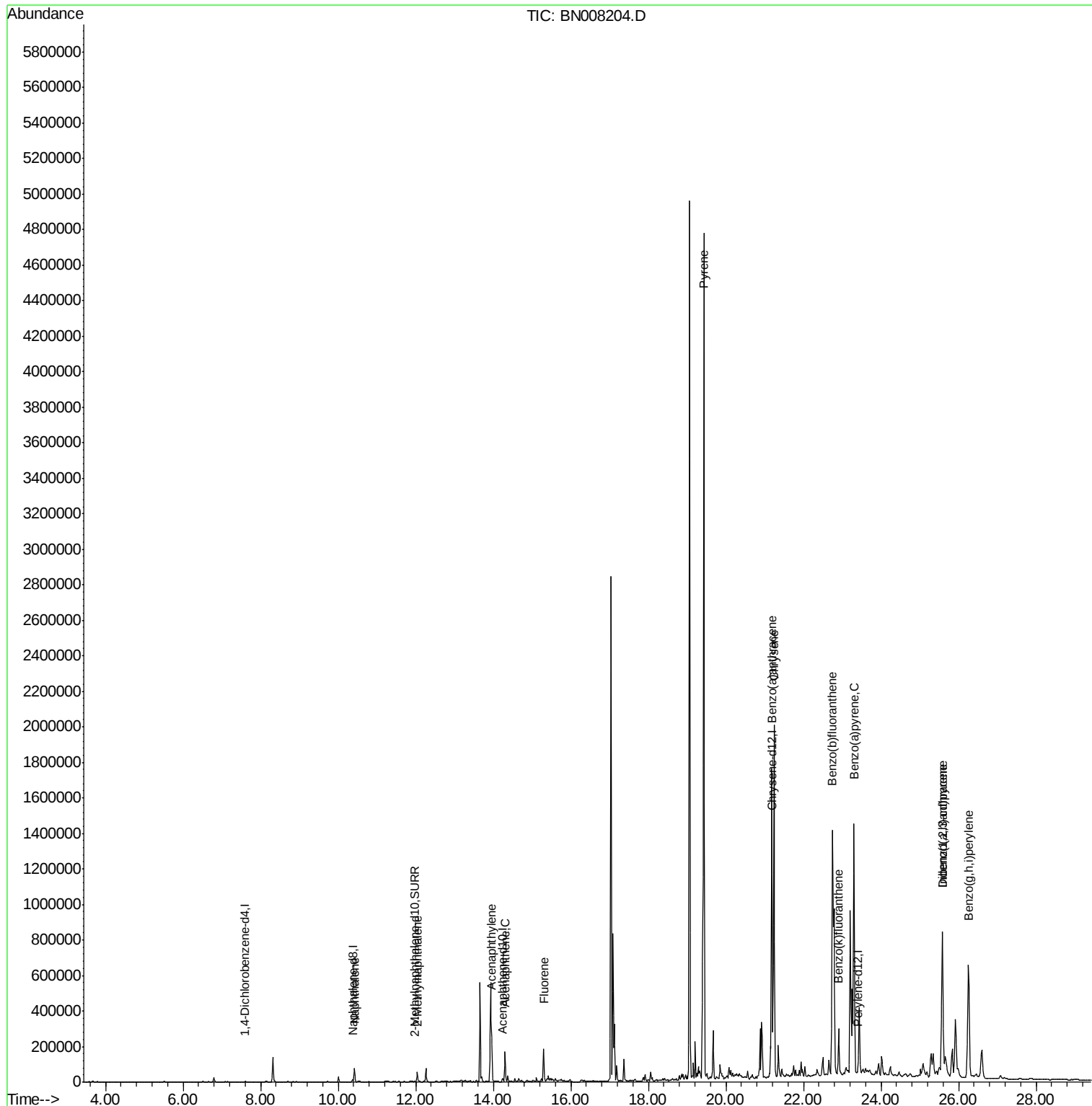
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4832	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	8892	0.00	ng/ul	0.00

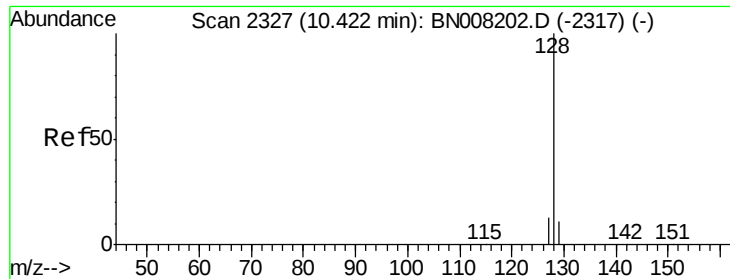
Target Compounds				Qvalue		
3) Naphthalene	10.42	128	103174	2.359	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	41180	1.372	ng/ul	99
7) Acenaphthylene	13.96	152	289351	6.096	ng/ul	99
8) Acenaphthene	14.30	153	98777	2.676	ng/ul	98
9) Fluorene	15.30	166	118920	2.837	ng/ul	98
17) Pyrene	19.43	202	4137860	66.087	ng/ul	96
18) Benzo(a)anthracene	21.18	228	1482345	25.928	ng/ul	95
19) Chrysene	21.24	228	1866254	26.600	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	3275716	65.393	ng/ul	94
22) Benzo(k)fluoranthene	22.91	252	282610	4.980	ng/ul	91
23) Benzo(a)pyrene	23.30	252	1892521	35.902	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.58	276	1295454	20.866	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.58	278	279647	5.698	ng/ul	98
26) Benzo(g,h,i)perylene	26.26	276	1304019	22.905	ng/ul	98

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

Data File : BN008204.D
Acq On : 16 Oct 2019 18:31
Operator : JU
Sample : K5124-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 17 01:51:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.359 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008204.D

Acq: 16 Oct 2019 18:31

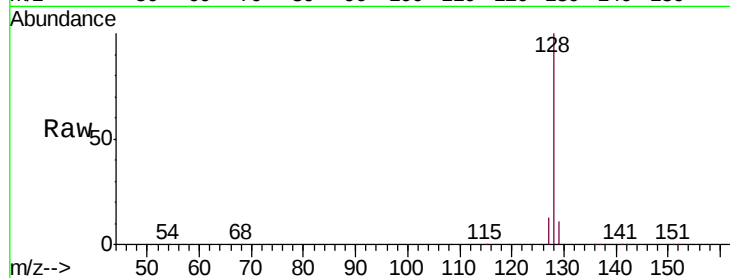
Tgt Ion:128 Resp: 103174

Ion Ratio Lower Upper

128 100

129 11.1 9.8 14.8

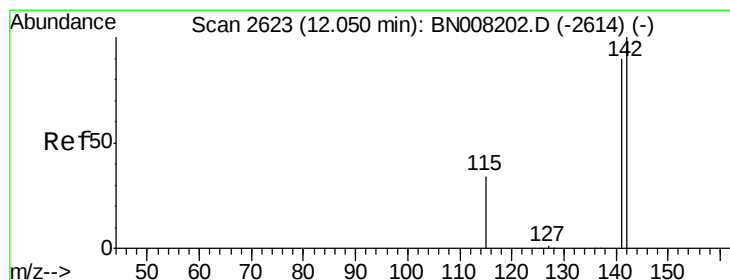
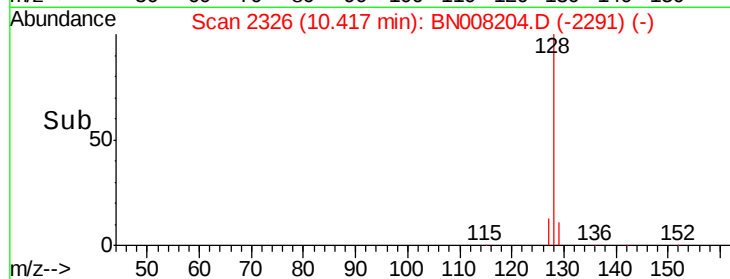
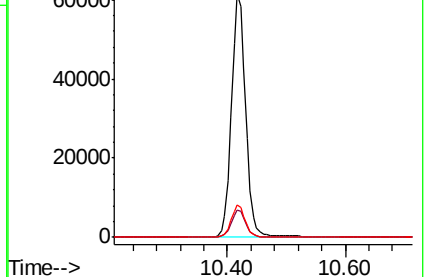
127 13.2 11.1 16.7



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: 1.372 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BN008204.D

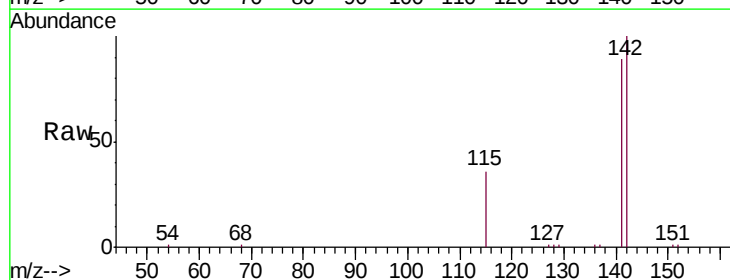
Acq: 16 Oct 2019 18:31

Tgt Ion:142 Resp: 41180

Ion Ratio Lower Upper

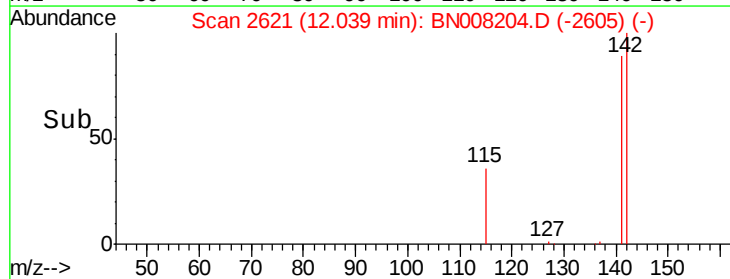
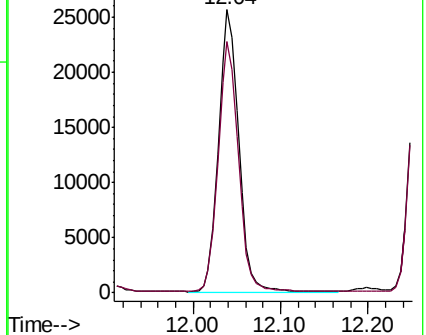
142 100

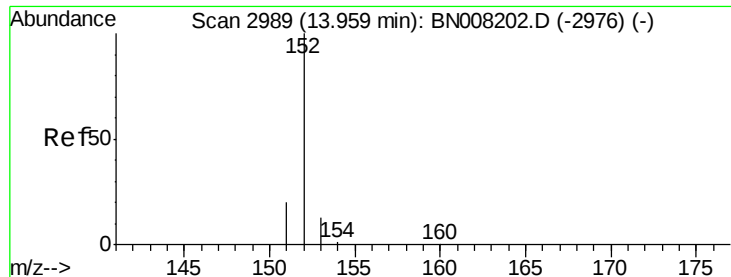
141 88.7 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 6.096 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BN008204.D

Acq: 16 Oct 2019 18:31

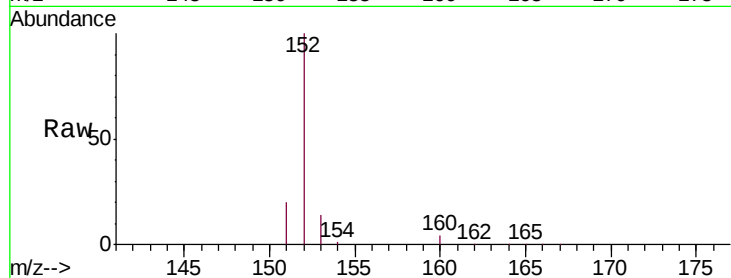
Tgt Ion:152 Resp: 289351

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

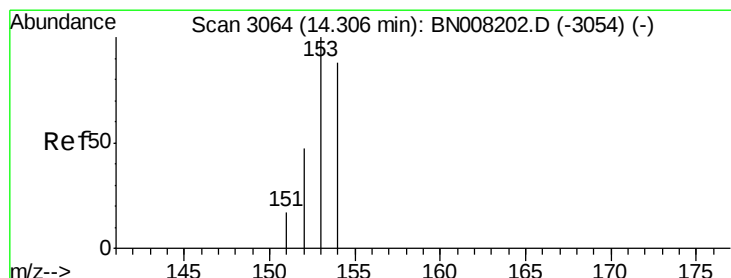
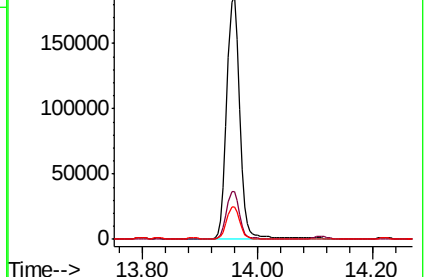
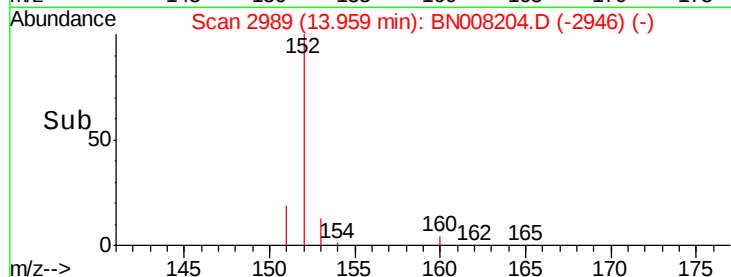
153 13.5 11.0 16.4



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: 2.676 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008204.D

Acq: 16 Oct 2019 18:31

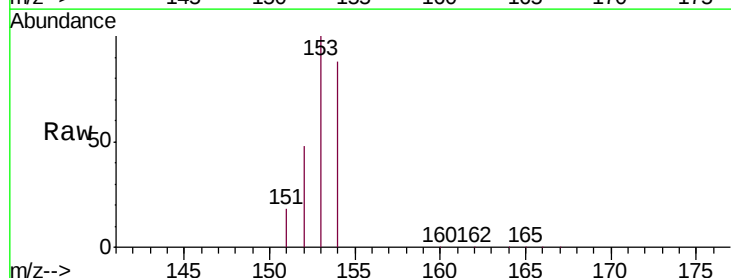
Tgt Ion:153 Resp: 98777

Ion Ratio Lower Upper

153 100

152 47.5 38.2 57.2

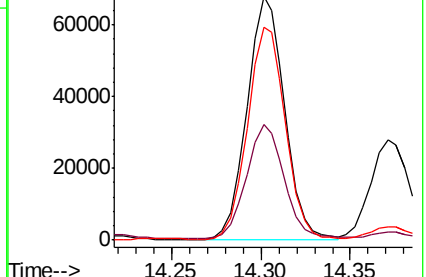
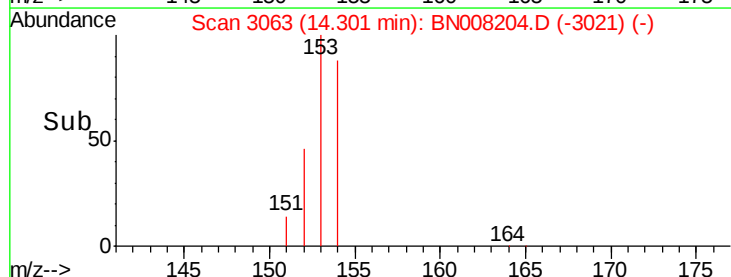
154 87.6 71.8 107.8

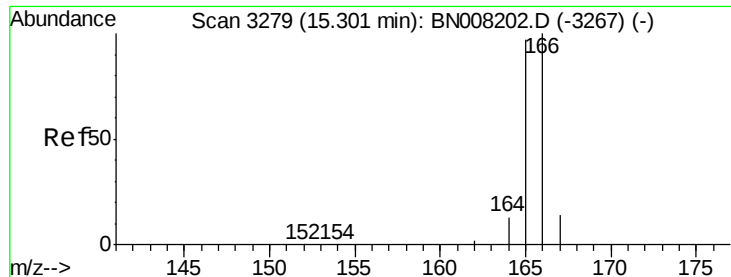


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 2.837 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BN008204.D

Acq: 16 Oct 2019 18:31

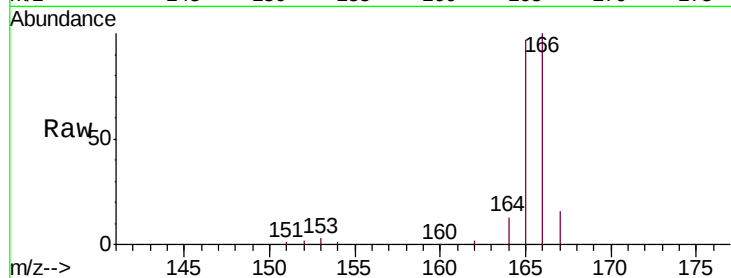
Tgt Ion: 166 Resp: 118920

Ion Ratio Lower Upper

166 100

165 97.1 76.6 115.0

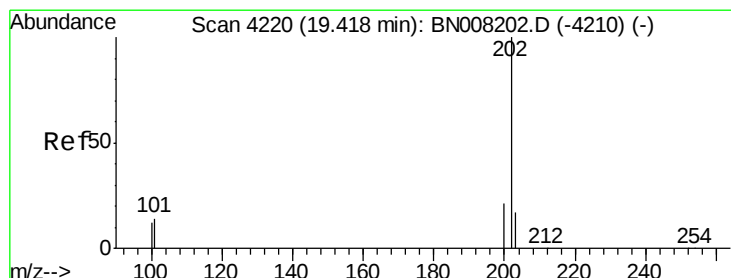
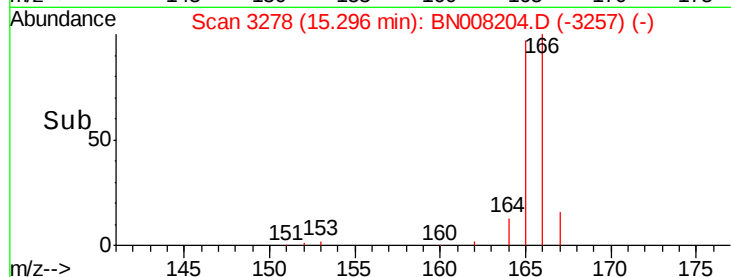
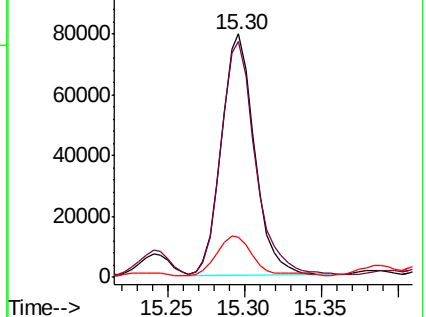
167 16.5 11.7 17.5



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



#17

Pyrene

Concen: 66.087 ng/ul

RT: 19.43 min Scan# 4222

Delta R.T. 0.01 min

Lab File: BN008204.D

Acq: 16 Oct 2019 18:31

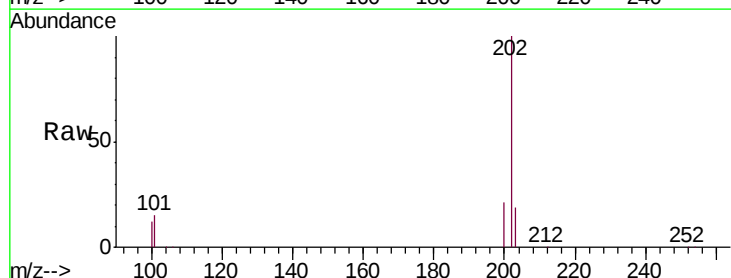
Tgt Ion: 202 Resp: 4137860

Ion Ratio Lower Upper

202 100

101 15.3 10.9 16.3

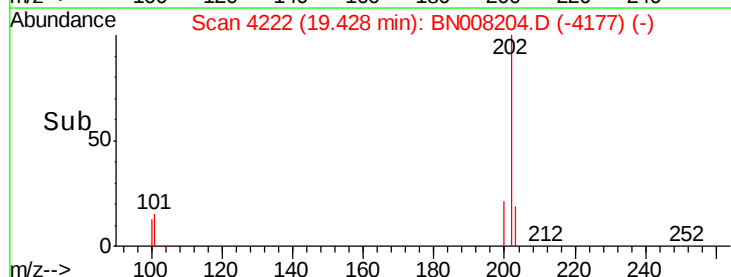
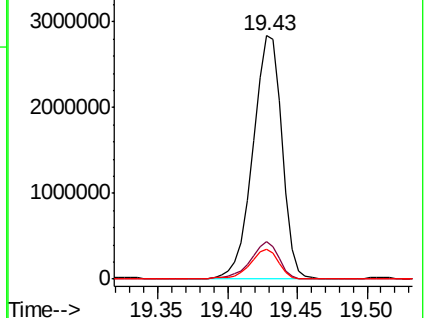
100 12.5 8.7 13.1

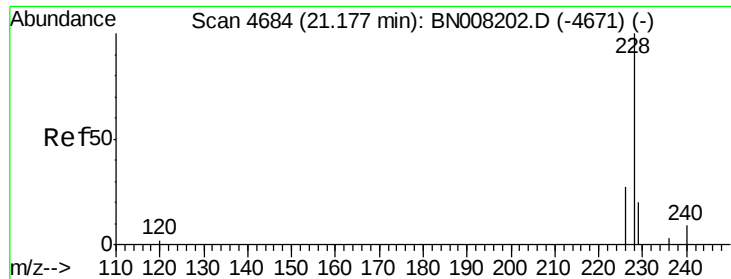


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

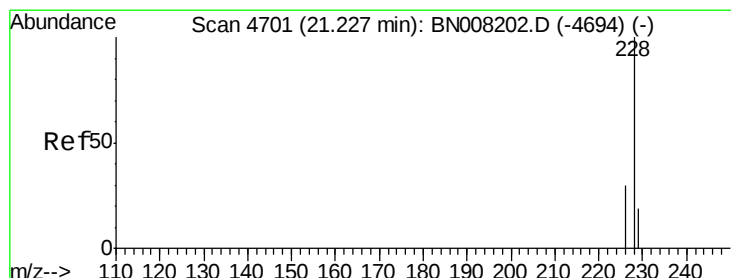
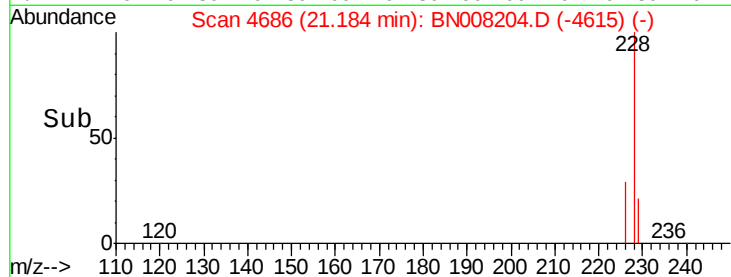
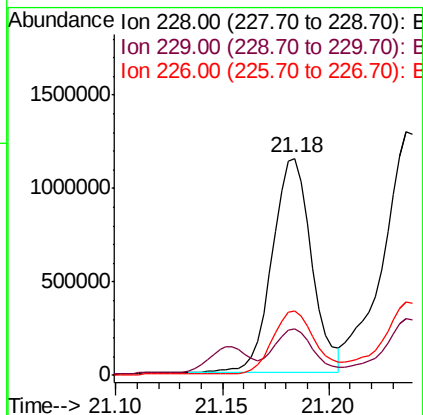
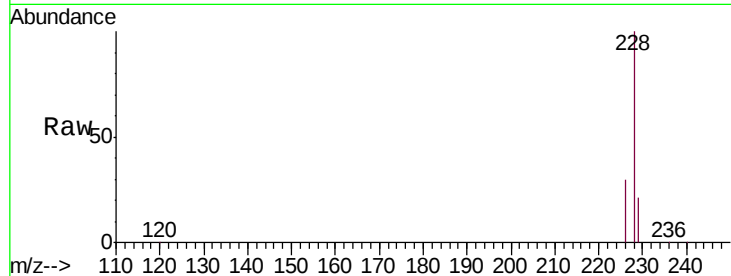
Ion 100.00 (99.70 to 100.70): E





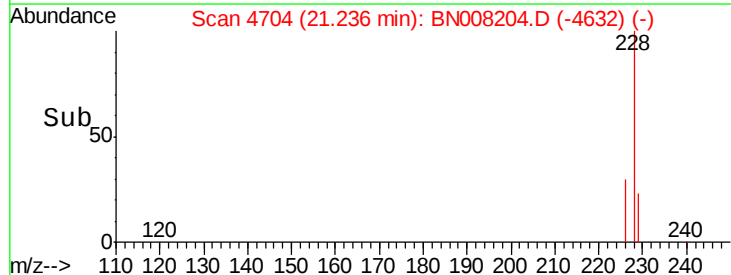
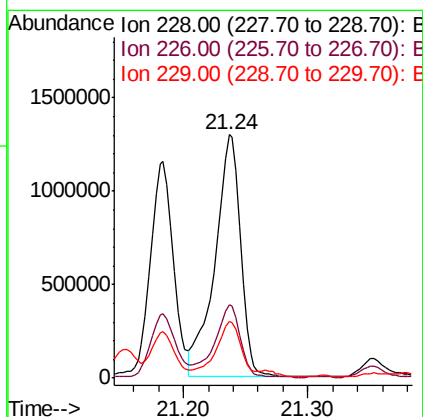
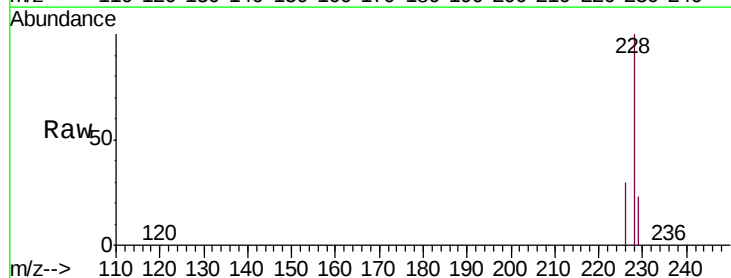
#18
Benzo(a)anthracene
Concen: 25.928 ng/ul
RT: 21.18 min Scan# 4686
Delta R.T. 0.01 min
Lab File: BN008204.D
Acq: 16 Oct 2019 18:31

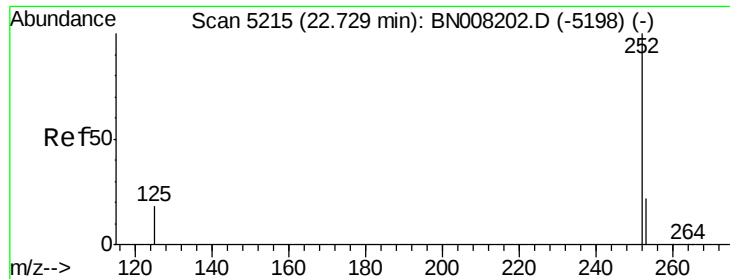
Tgt Ion:228 Resp: 1482345
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 29.8 21.4 32.0



#19
Chrysene
Concen: 26.600 ng/ul
RT: 21.24 min Scan# 4704
Delta R.T. 0.01 min
Lab File: BN008204.D
Acq: 16 Oct 2019 18:31

Tgt Ion:228 Resp: 1866254
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 23.3 16.2 24.2





#21

Benzo(b)fluoranthene

Concen: 65.393 ng/u1

RT: 22.74 min Scan# 5220

Delta R.T. 0.02 min

Lab File: BN008204.D

Acq: 16 Oct 2019 18:31

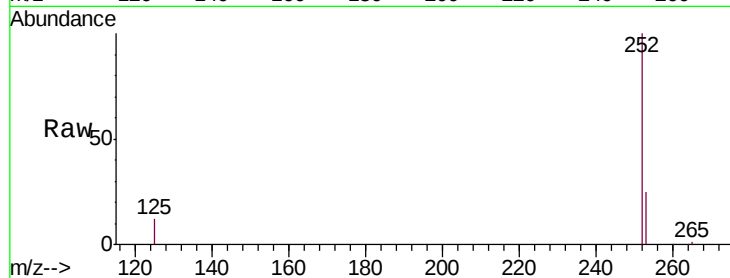
Tgt Ion:252 Resp: 3275716

Ion Ratio Lower Upper

252 100

253 24.9 0.0 53.4

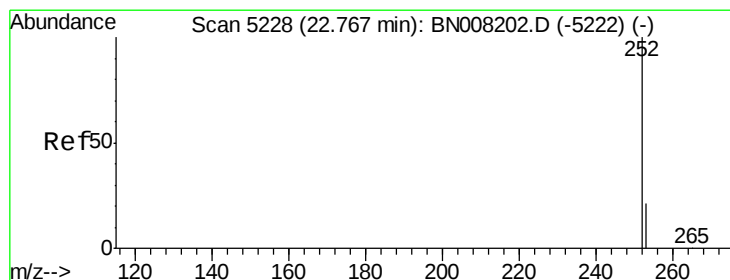
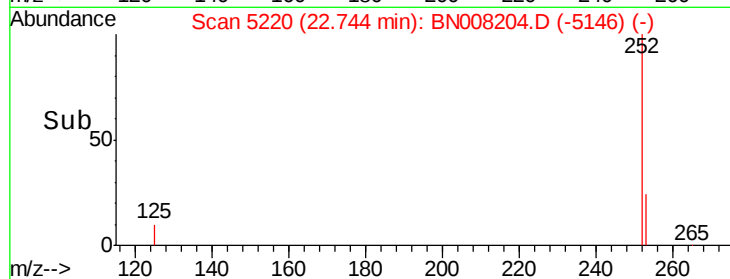
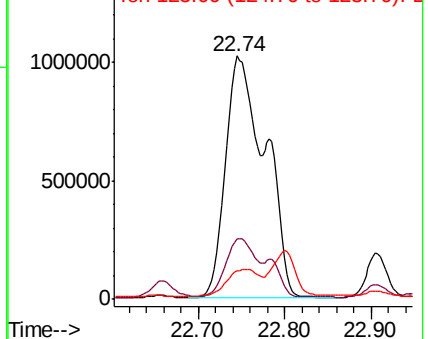
125 11.7 0.0 32.4



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: 4.980 ng/u1

RT: 22.91 min Scan# 5275

Delta R.T. 0.14 min

Lab File: BN008204.D

Acq: 16 Oct 2019 18:31

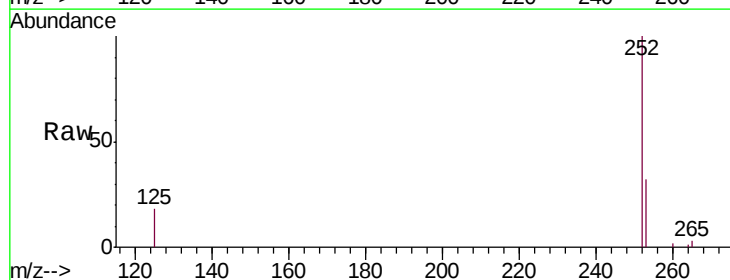
Tgt Ion:252 Resp: 282610

Ion Ratio Lower Upper

252 100

253 31.7 21.3 31.9

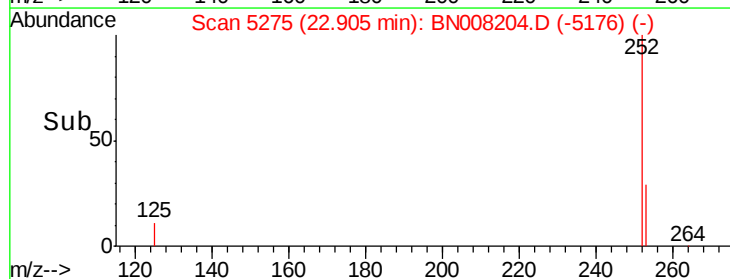
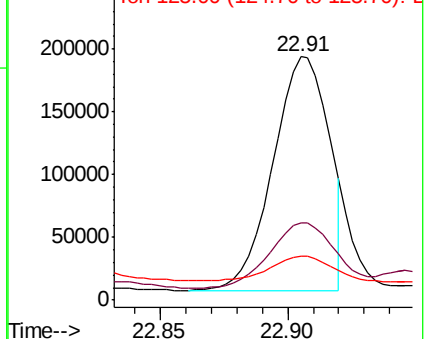
125 18.1 12.3 18.5

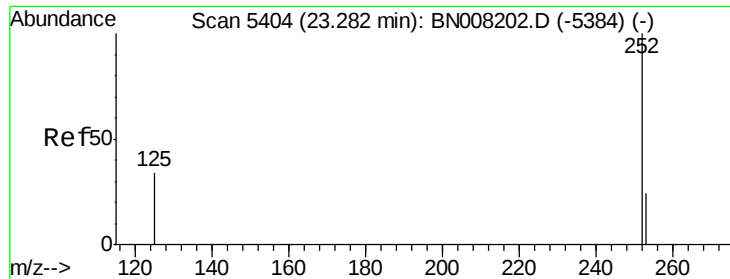


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 35.902 ng/ul

RT: 23.30 min Scan# 5411

Delta R.T. 0.02 min

Lab File: BN008204.D

Acq: 16 Oct 2019 18:31

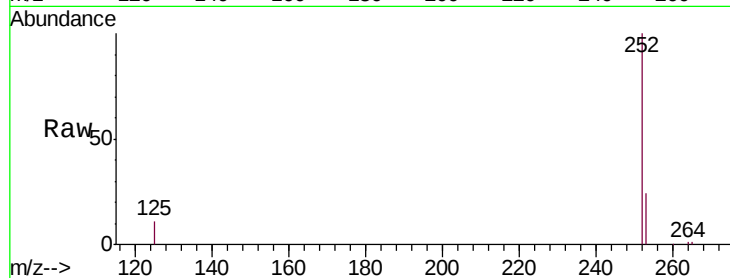
Tgt Ion: 252 Resp: 1892521

Ion Ratio Lower Upper

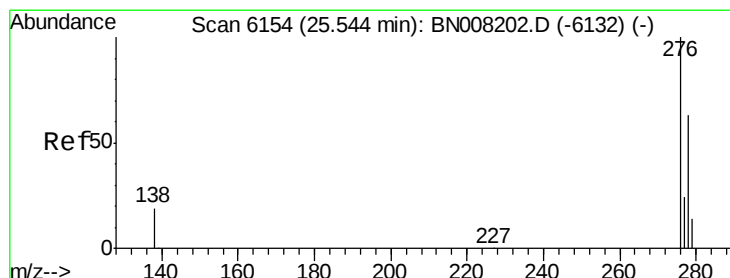
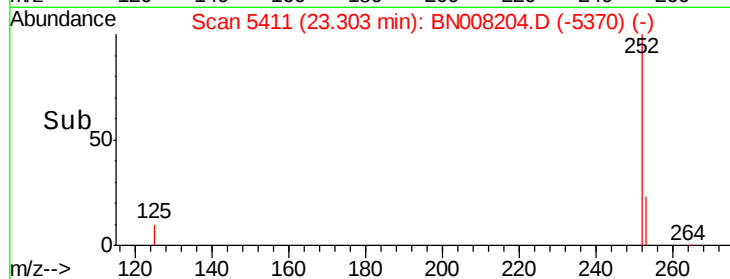
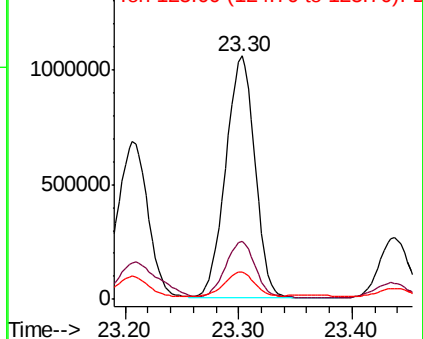
252 100

253 23.8 22.8 34.2

125 11.3 18.4 27.6#



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: 20.866 ng/ul

RT: 25.58 min Scan# 6165

Delta R.T. 0.04 min

Lab File: BN008204.D

Acq: 16 Oct 2019 18:31

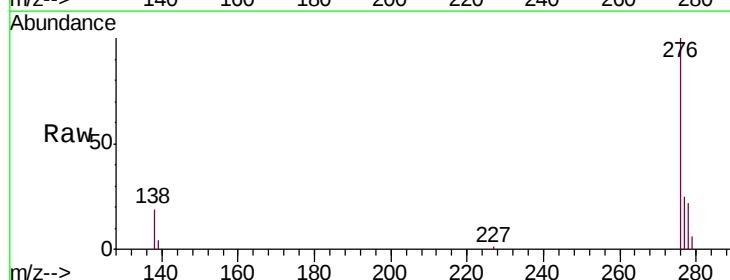
Tgt Ion: 276 Resp: 1295454

Ion Ratio Lower Upper

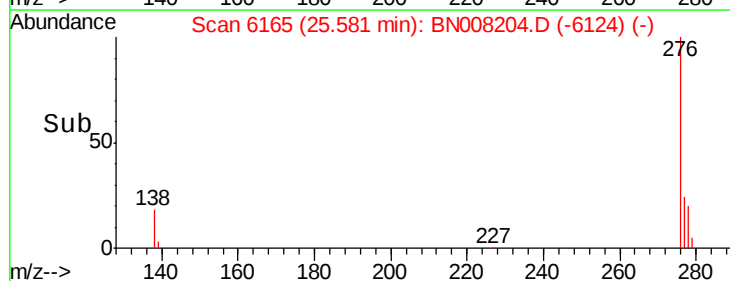
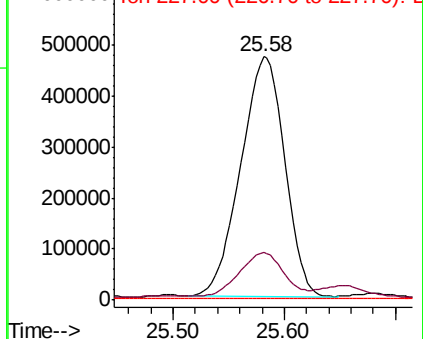
276 100

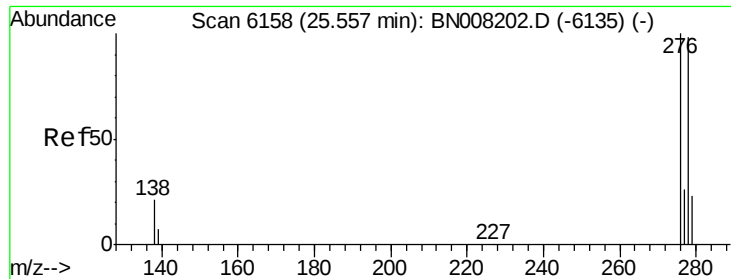
138 19.4 16.1 24.1

227 0.0 0.2 0.2#



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: 5.698 ng/ul

RT: 25.58 min Scan# 6165

Delta R.T. 0.02 min

Lab File: BN008204.D

Acq: 16 Oct 2019 18:31

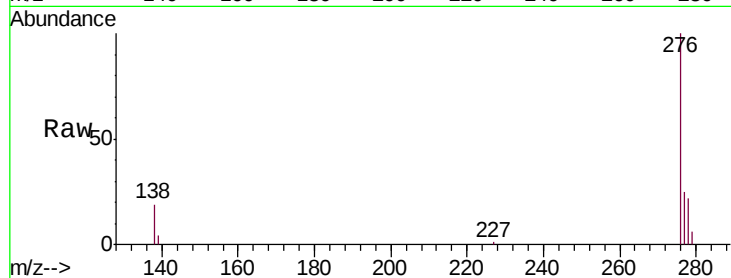
Tgt Ion: 278 Resp: 279647

Ion Ratio Lower Upper

278 100

139 19.6 15.0 22.6

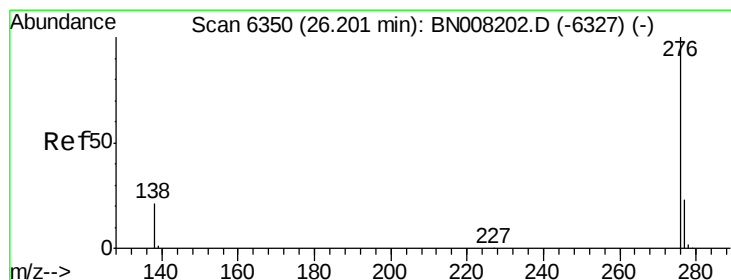
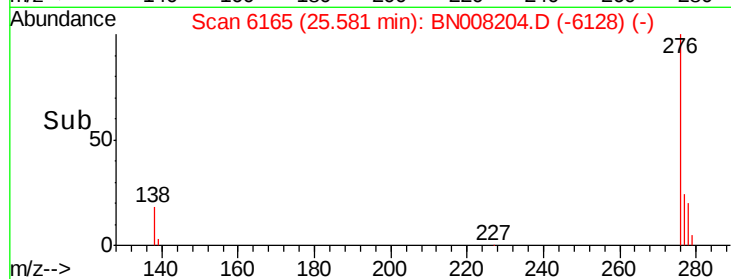
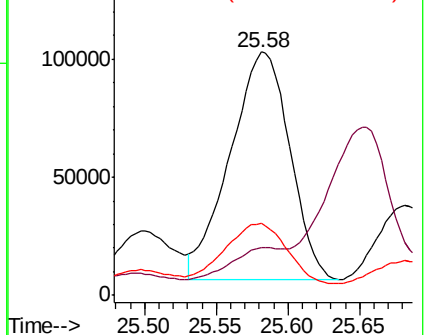
279 29.4 22.4 33.6



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: 22.905 ng/ul

RT: 26.26 min Scan# 6366

Delta R.T. 0.05 min

Lab File: BN008204.D

Acq: 16 Oct 2019 18:31

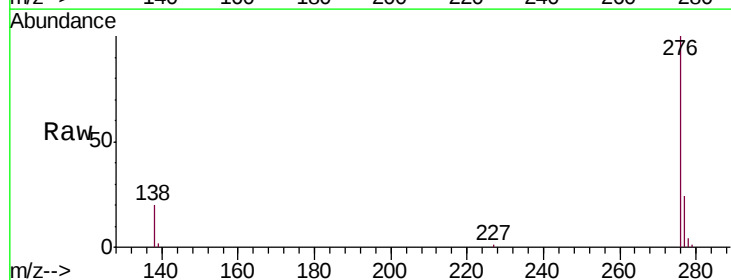
Tgt Ion: 276 Resp: 1304019

Ion Ratio Lower Upper

276 100

138 20.1 17.0 25.4

277 24.4 20.4 30.6



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

