

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008230.D
 Acq On : 17 Oct 2019 20:34
 Operator : JU
 Sample : K5177-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:59:20 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

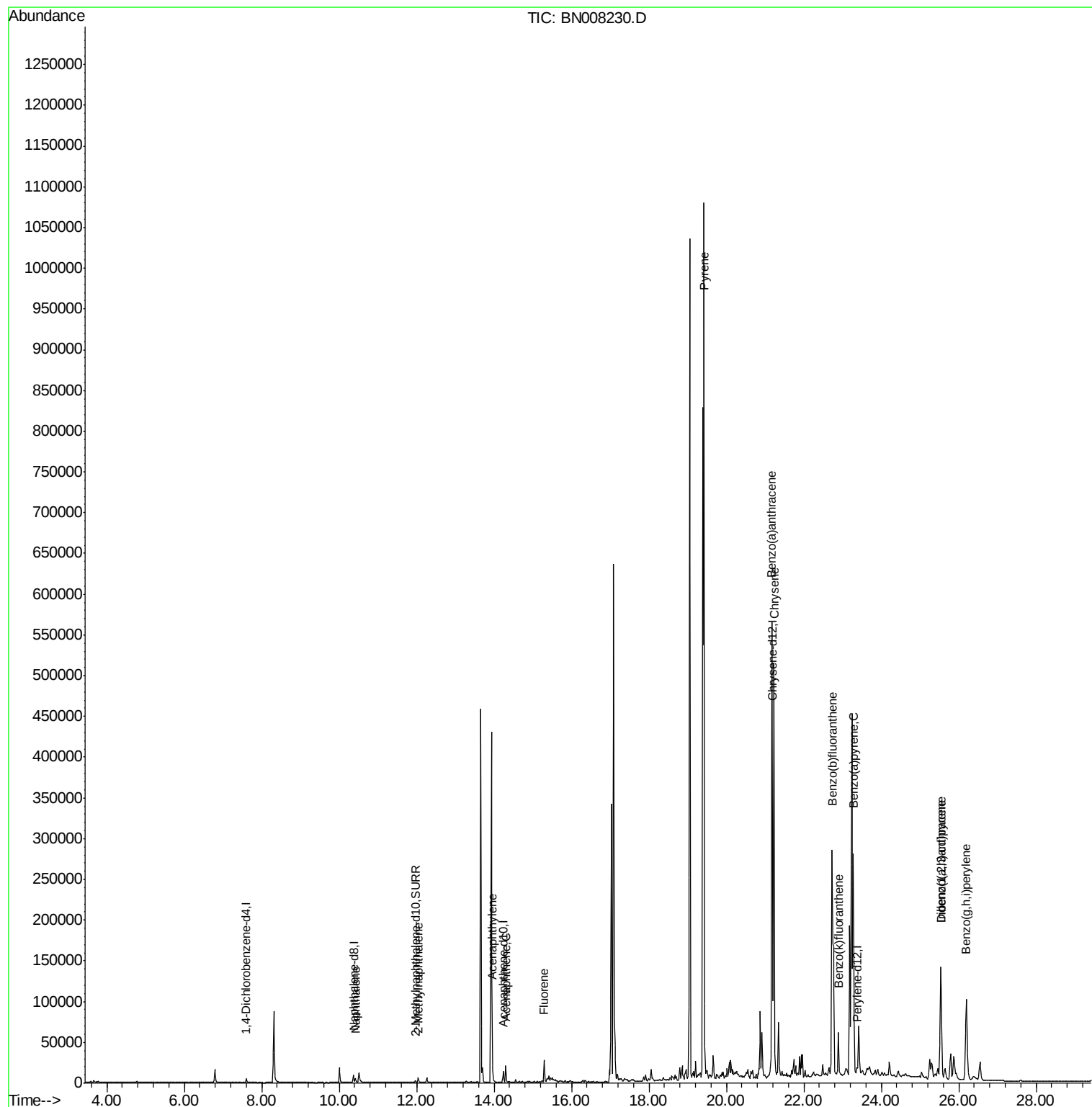
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2561	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	12426	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	7594	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	13174	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	10461	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3520	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	10438	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	7431	0.210	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	4583	0.189	ng/ul	100
7) Acenaphthylene	13.95	152	20872	0.577	ng/ul	99
8) Acenaphthene	14.30	153	12372	0.440	ng/ul	99
9) Fluorene	15.29	166	16728	0.524	ng/ul	97
17) Pyrene	19.42	202	876858	16.716	ng/ul	100
18) Benzo(a)anthracene	21.17	228	462411	9.654	ng/ul	98
19) Chrysene	21.23	228	482770	8.213	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	628034	18.442	ng/ul	92
22) Benzo(k)fluoranthene	22.89	252	53350	1.383	ng/ul	98
23) Benzo(a)pyrene	23.28	252	342864	9.568	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.53	276	203362	4.818	ng/ul	100
25) Dibenzo(a,h)anthracene	25.54	278	55454	1.662	ng/ul	99
26) Benzo(g,h,i)perylene	26.19	276	199245	5.148	ng/ul	98

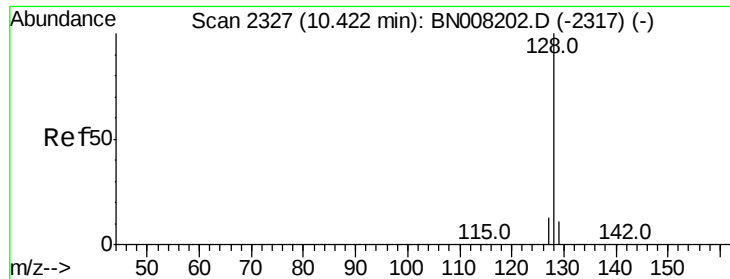
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 17 01:48:53 2019
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#3

Naphthalene

Concen: 0.210 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Instrument :

BNA_N

ClientSampleId :

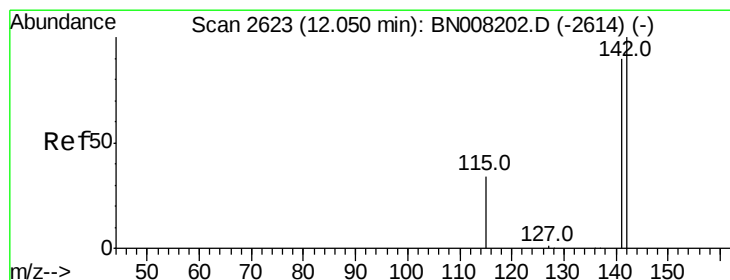
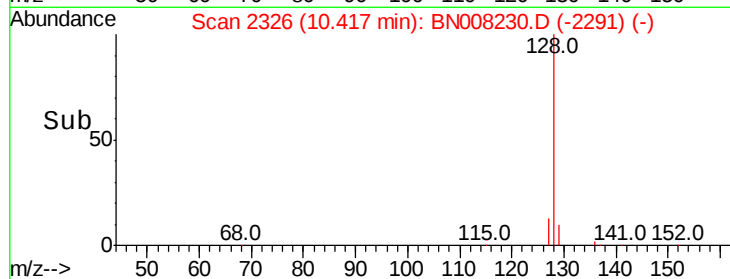
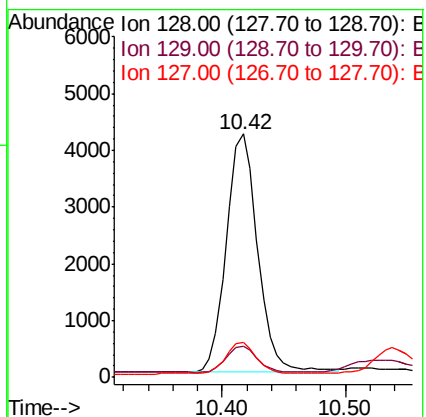
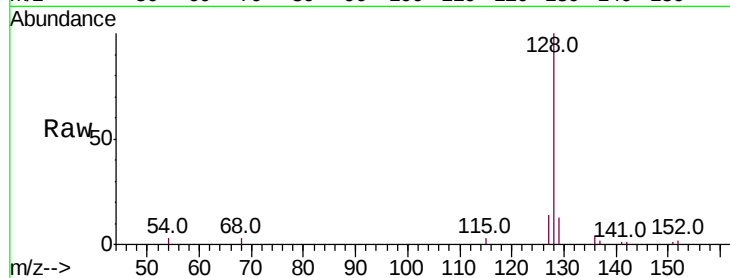
Tot Ion:128 Resp: 7431

Ion Ratio Lower Upper

128 100

129 12.6 9.8 14.8

127 14.4 11.1 16.7



#5

2-Methylnaphthalene

Concen: 0.189 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BN008230.D

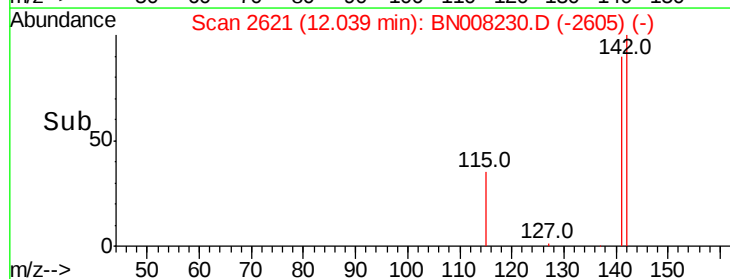
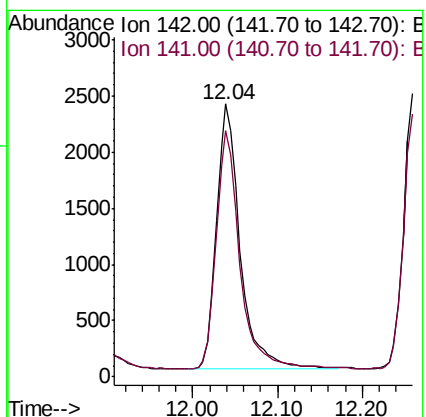
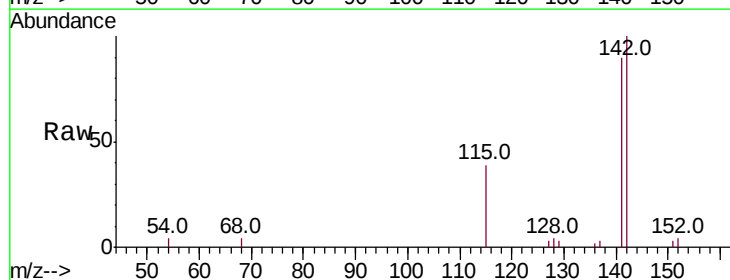
Acq: 17 Oct 2019 20:34

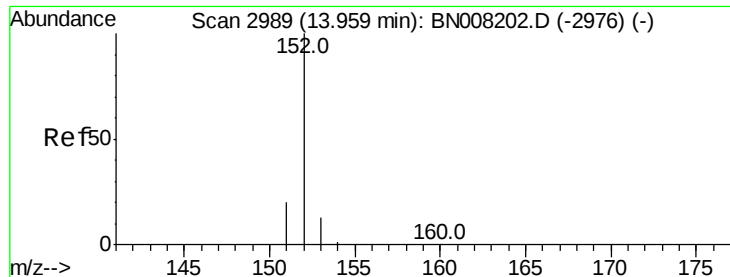
Tgt Ion:142 Resp: 4583

Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.2





#7

Acenaphthylene

Concen: 0.577 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Instrument :

BNA_N

ClientSampleId :

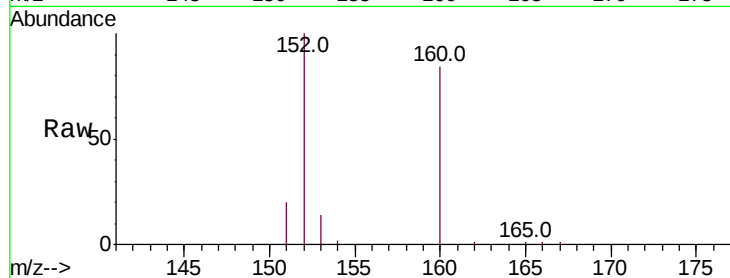
Tot Ion:152 Resp: 20872

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

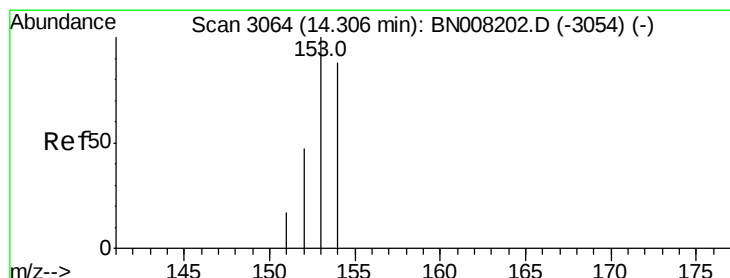
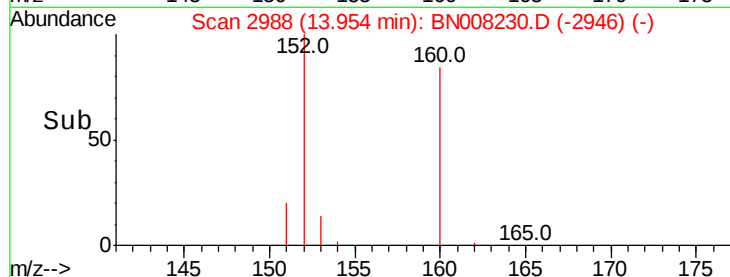
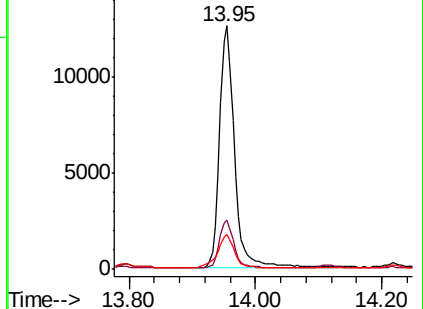
153 14.3 11.0 16.4



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: 0.440 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

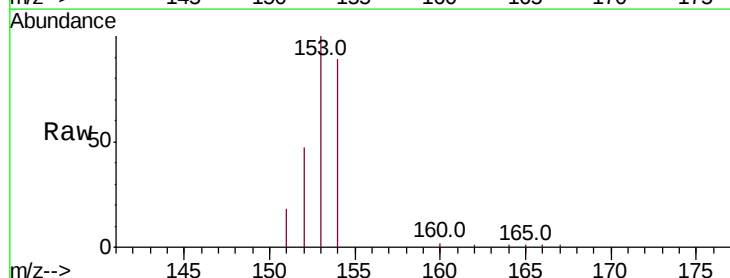
Tgt Ion:153 Resp: 12372

Ion Ratio Lower Upper

153 100

152 47.4 38.2 57.2

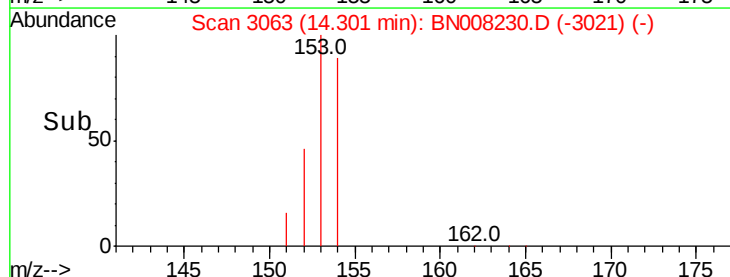
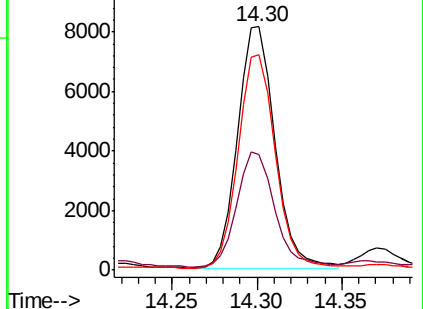
154 88.6 71.8 107.8

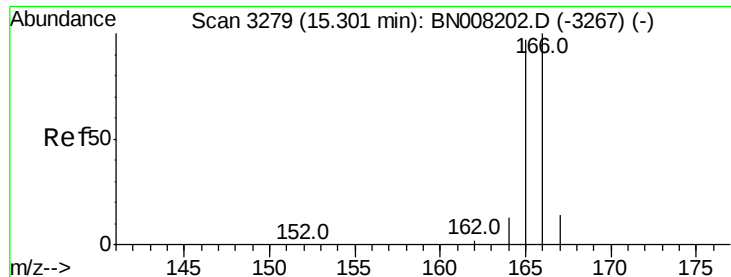


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.524 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Instrument :

BNA_N

ClientSampleId :

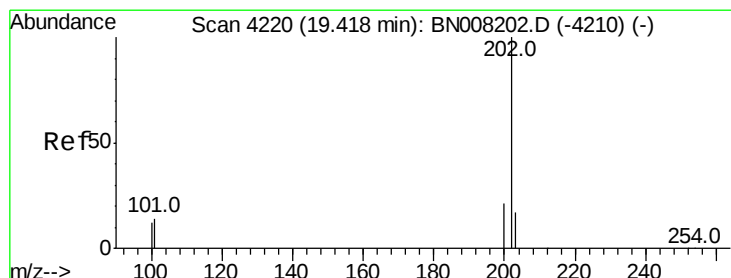
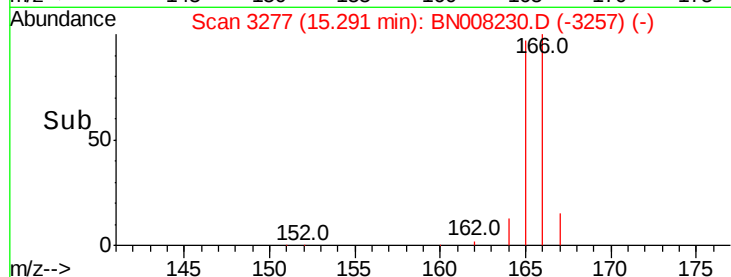
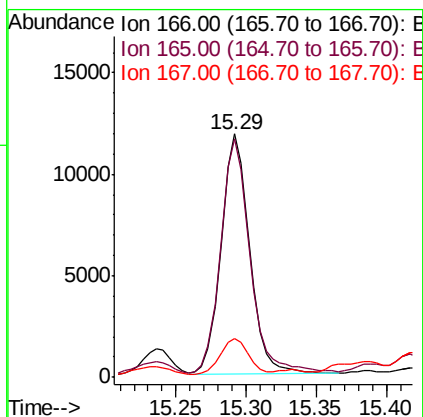
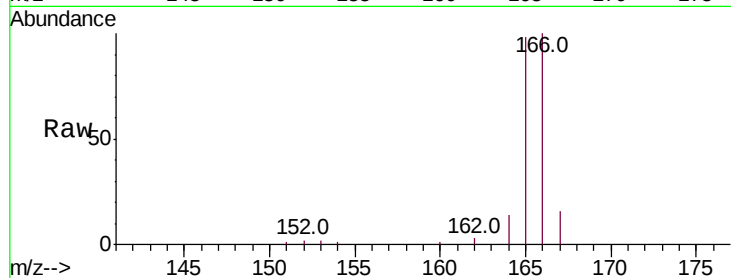
Tot Ion:166 Resp: 16728

Ion Ratio Lower Upper

166 100

165 98.0 76.6 115.0

167 16.2 11.7 17.5



#17

Pyrene

Concen: 16.716 ng/ul

RT: 19.42 min Scan# 4220

Delta R.T. 0.00 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

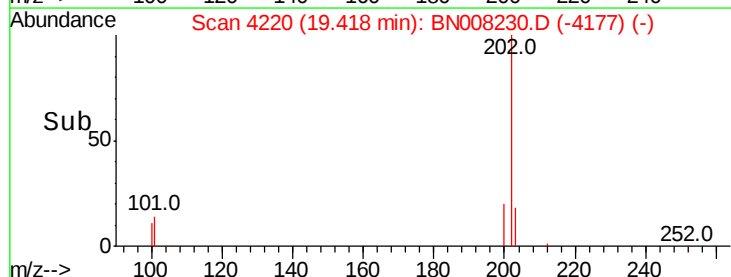
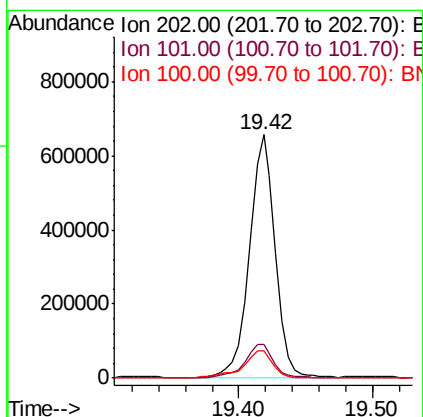
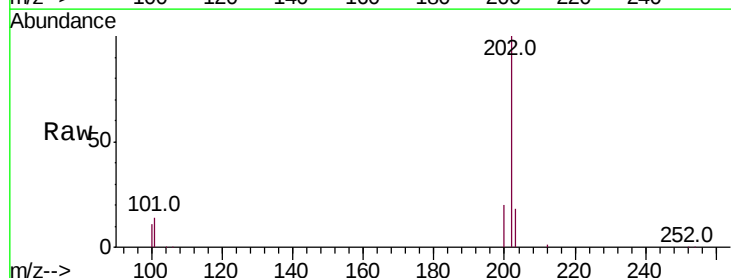
Tgt Ion:202 Resp: 876858

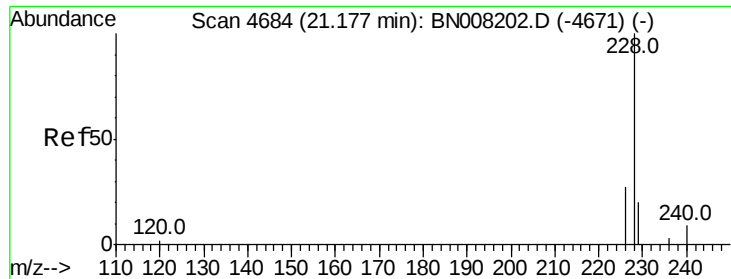
Ion Ratio Lower Upper

202 100

101 13.7 10.9 16.3

100 11.1 8.7 13.1





#18

Benzo(a)anthracene

Concen: 9.654 ng/ul

RT: 21.17 min Scan# 4683

Delta R.T. -0.00 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Instrument :

BNA_N

ClientSampleId :

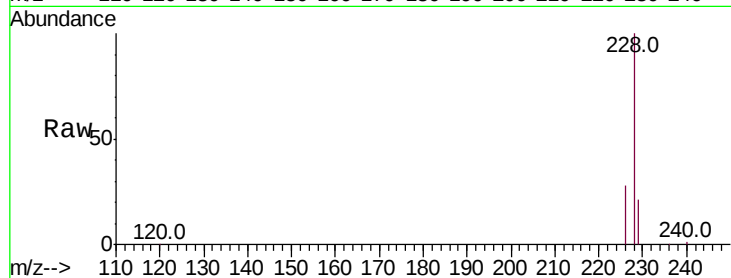
Tot Ion:228 Resp: 462411

Ion Ratio Lower Upper

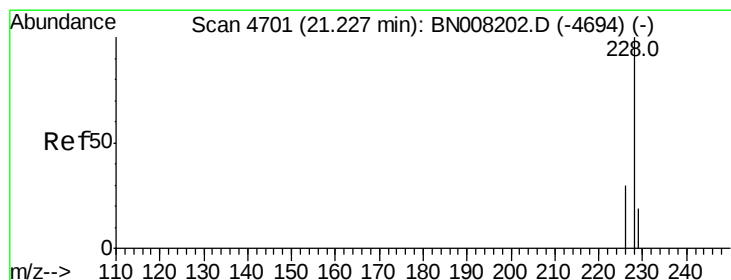
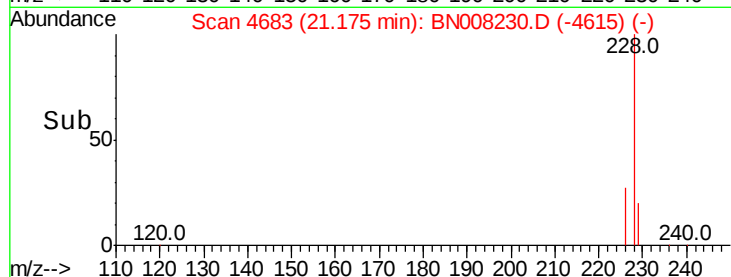
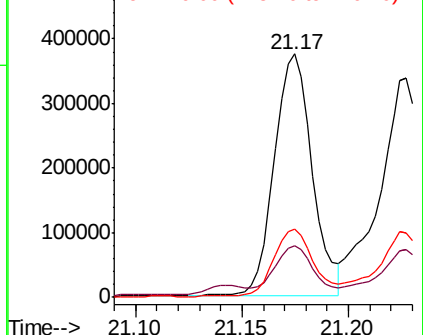
228 100

229 21.1 16.2 24.2

226 27.8 21.4 32.0



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: 8.213 ng/ul

RT: 21.23 min Scan# 4701

Delta R.T. 0.00 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

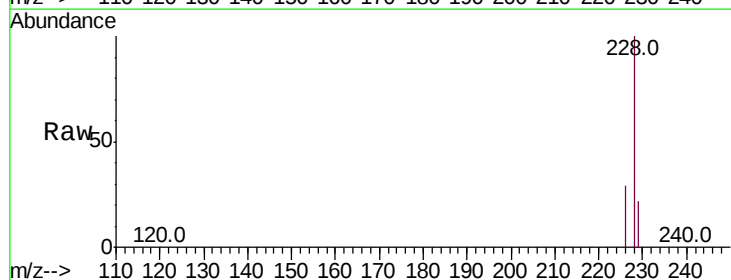
Tgt Ion:228 Resp: 482770

Ion Ratio Lower Upper

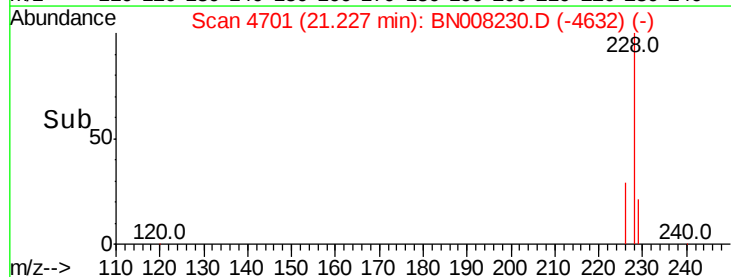
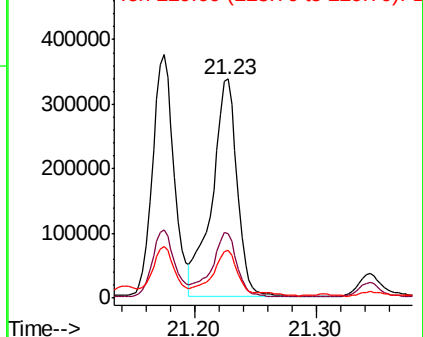
228 100

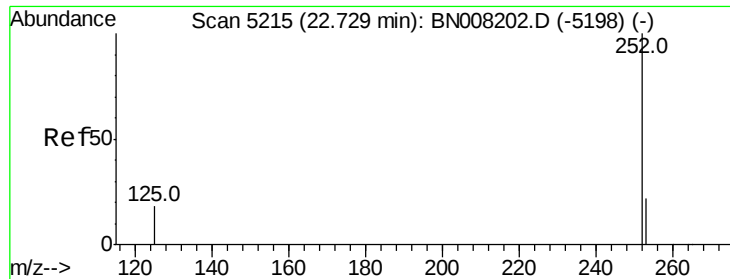
226 29.4 24.1 36.1

229 21.9 16.2 24.2



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: 18.442 ng/ul

RT: 22.73 min Scan# 5214

Delta R.T. -0.00 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Instrument :

BNA_N

ClientSampleId :

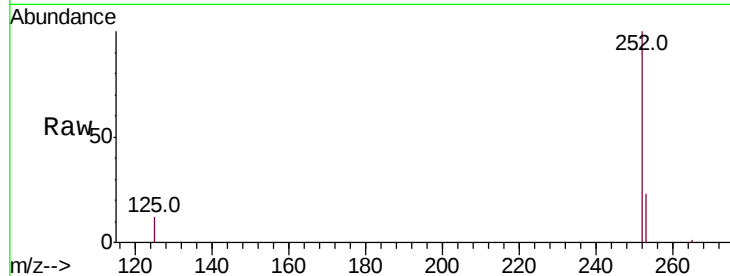
Tot Ion:252 Resp: 628034

Ion Ratio Lower Upper

252 100

253 23.1 0.0 53.4

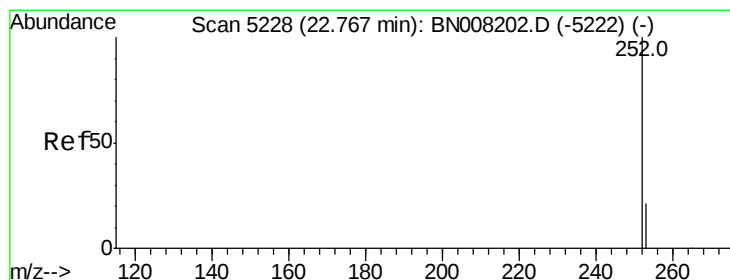
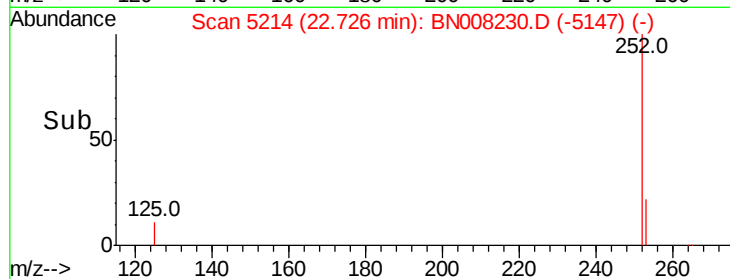
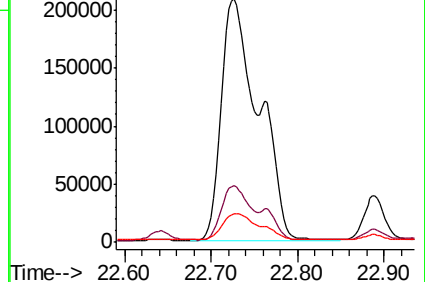
125 11.6 0.0 32.4



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: 1.383 ng/ul

RT: 22.89 min Scan# 5270

Delta R.T. 0.12 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

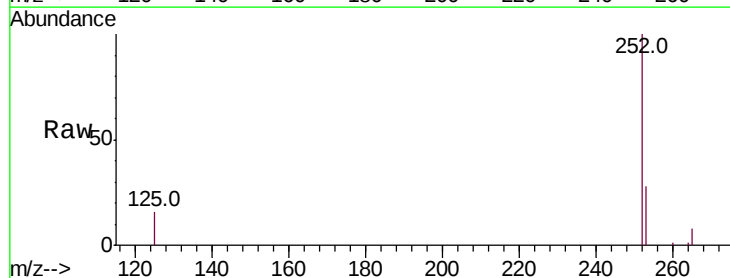
Tgt Ion:252 Resp: 53350

Ion Ratio Lower Upper

252 100

253 27.8 21.3 31.9

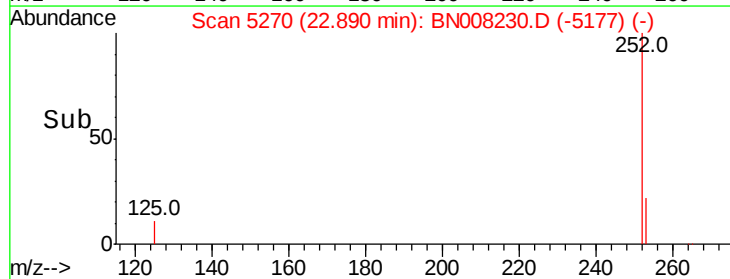
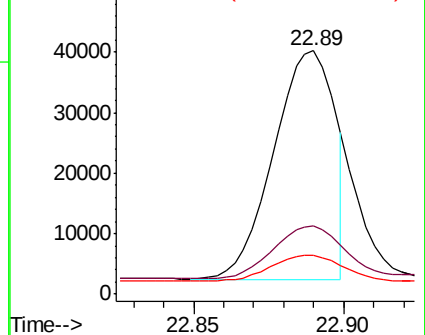
125 16.2 12.3 18.5

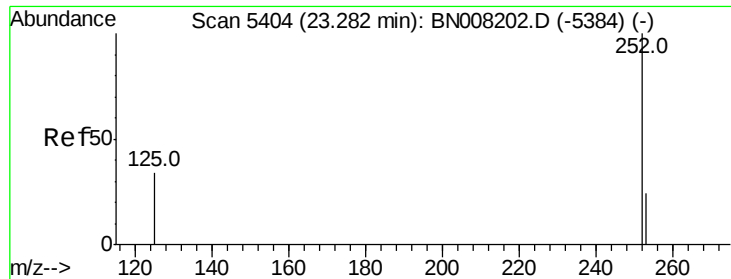


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 9.568 ng/ul

RT: 23.28 min Scan# 5402

Delta R.T. -0.01 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Instrument :

BNA_N

ClientSampled :

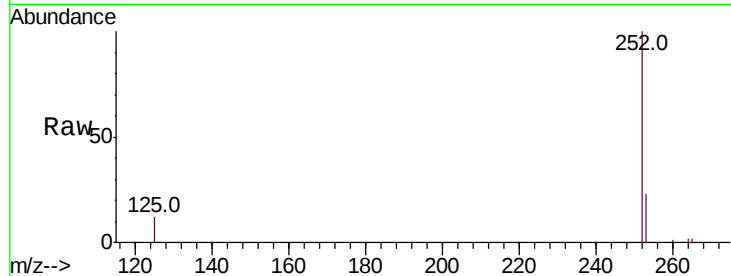
Tot Ion:252 Resp: 342864

Ion Ratio Lower Upper

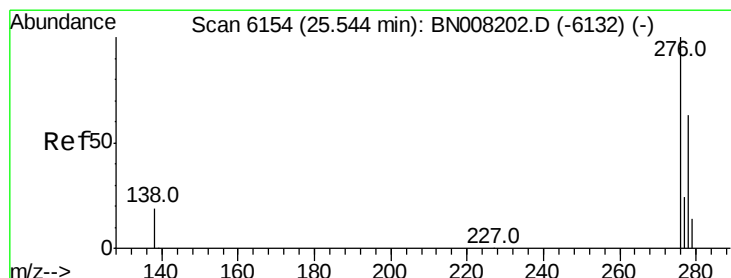
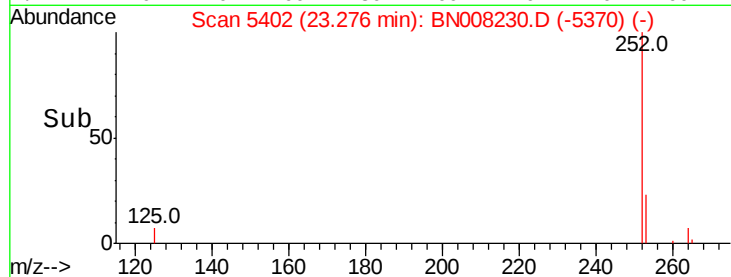
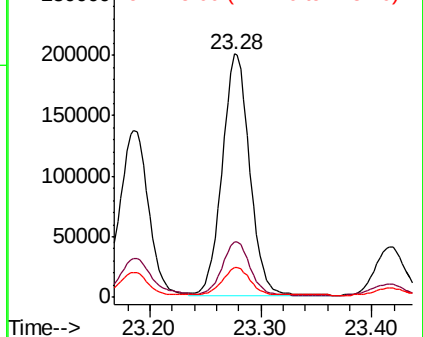
252 100

253 22.9 22.8 34.2

125 12.2 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: 4.818 ng/ul

RT: 25.53 min Scan# 6151

Delta R.T. -0.01 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

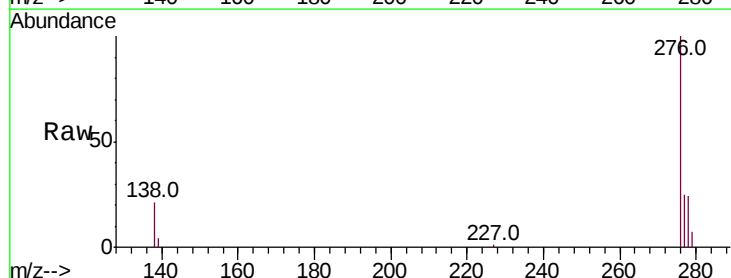
Tgt Ion:276 Resp: 203362

Ion Ratio Lower Upper

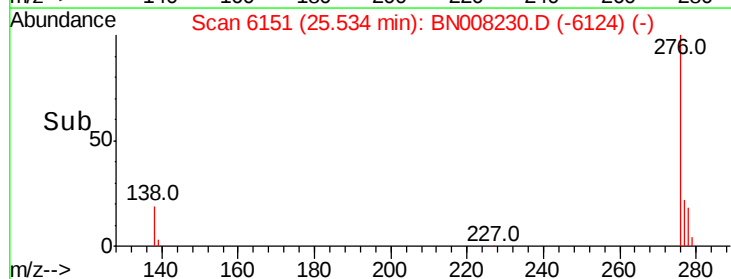
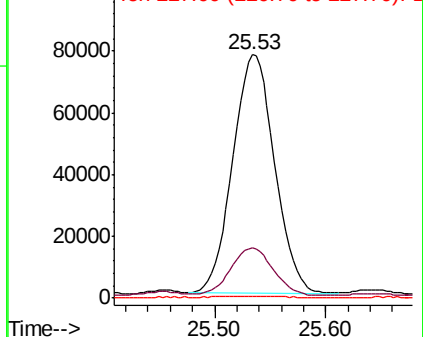
276 100

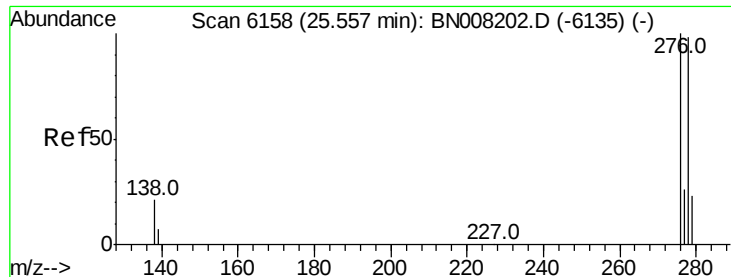
138 20.2 16.1 24.1

227 0.2 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: 1.662 ng/ul

RT: 25.54 min Scan# 6152

Delta R.T. -0.02 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Instrument :

BNA_N

ClientSampleId :

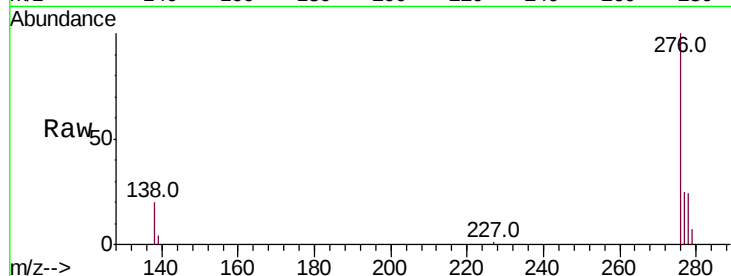
Tot Ion:278 Resp: 55454

Ion Ratio Lower Upper

278 100

139 18.0 15.0 22.6

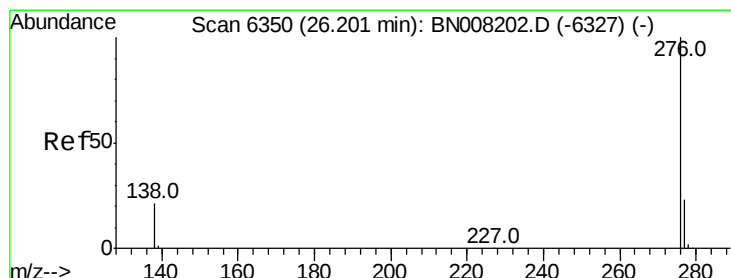
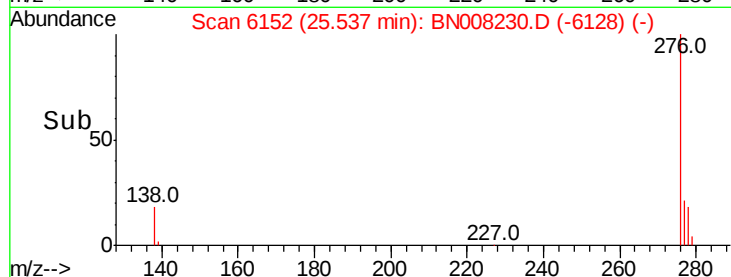
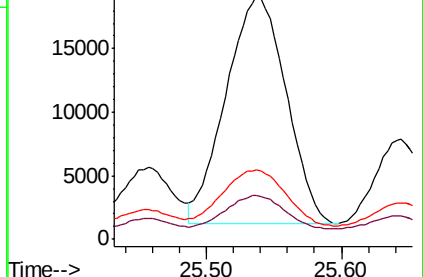
279 28.6 22.4 33.6



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: 5.148 ng/ul

RT: 26.19 min Scan# 6348

Delta R.T. -0.01 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

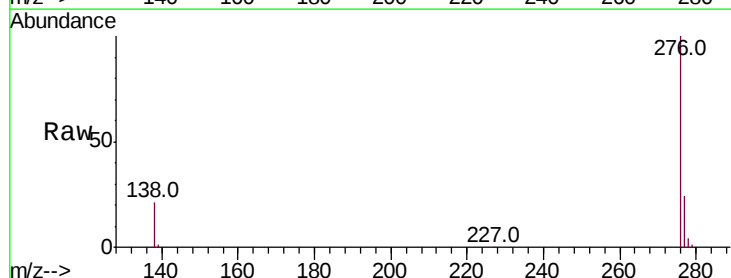
Tgt Ion:276 Resp: 199245

Ion Ratio Lower Upper

276 100

138 20.7 17.0 25.4

277 24.3 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

