

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008231.D
 Acq On : 17 Oct 2019 21:10
 Operator : JU
 Sample : K5177-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:59:26 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

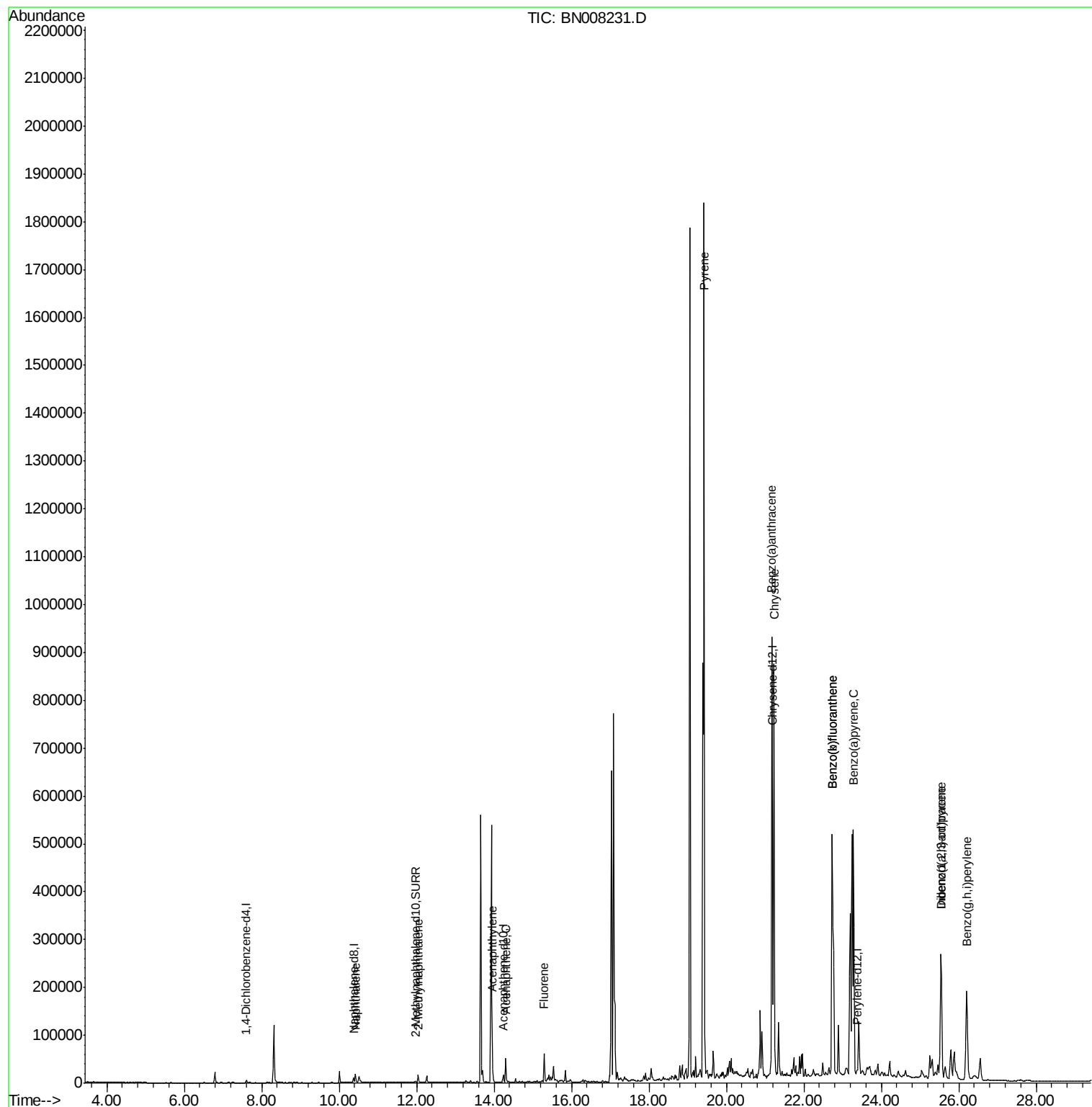
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2795	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13101	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8379	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	13309	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12221	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4552	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.02	212	11933	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	24214	0.649	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	13181	0.515	ng/ul	99
7) Acenaphthylene	13.95	152	45423	1.138	ng/ul	99
8) Acenaphthene	14.30	153	29863	0.962	ng/ul	99
9) Fluorene	15.29	166	36659	1.040	ng/ul	96
17) Pyrene	19.42	202	1527520	28.825	ng/ul	99
18) Benzo(a)anthracene	21.17	228	794557	16.421	ng/ul	97
19) Chrysene	21.23	228	821206	13.829	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	1114776	28.021	ng/ul	93
22) Benzo(k)fluoranthene	22.73	252	1114575	24.732	ng/ul	94
23) Benzo(a)pyrene	23.28	252	637174	15.220	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.54	276	384490	7.798	ng/ul	99
25) Dibenzo(a,h)anthracene	25.54	278	105515	2.707	ng/ul	100
26) Benzo(g,h,i)perylene	26.20	276	372038	8.228	ng/ul	98

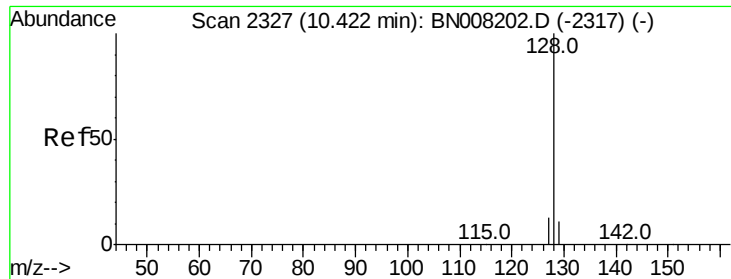
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Naphthalene

Concen: 0.649 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008231.D

Acq: 17 Oct 2019 21:10

Instrument :

BNA_N

ClientSampleId :

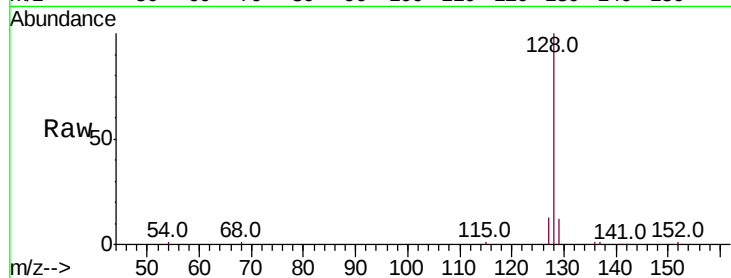
Tot Ion:128 Resp: 24214

Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.8

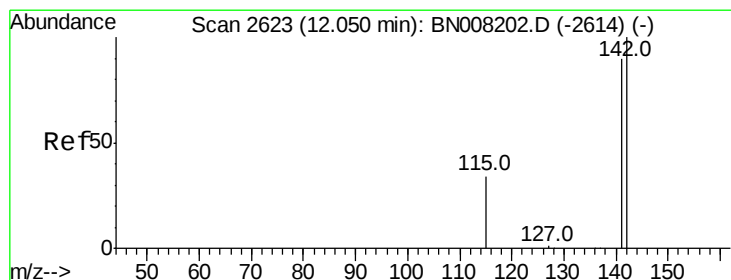
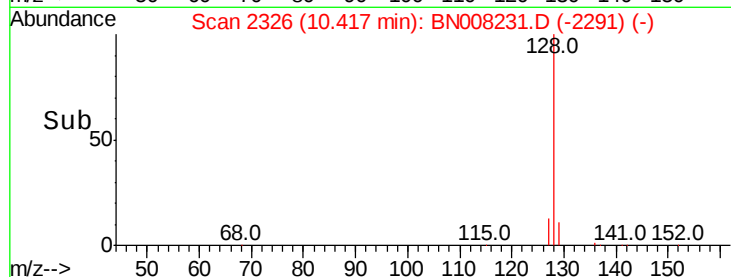
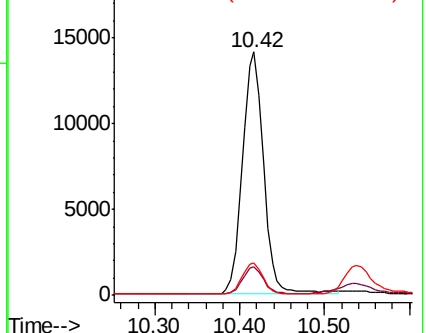
127 13.2 11.1 16.7



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: 0.515 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BN008231.D

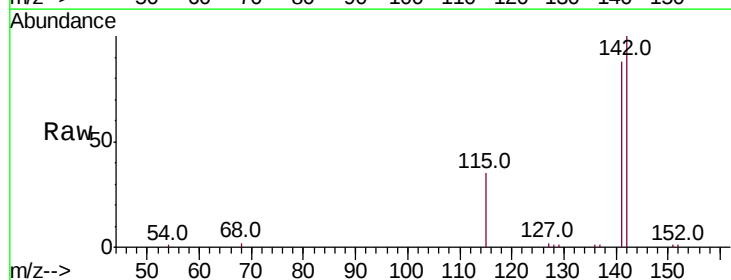
Acq: 17 Oct 2019 21:10

Tgt Ion:142 Resp: 13181

Ion Ratio Lower Upper

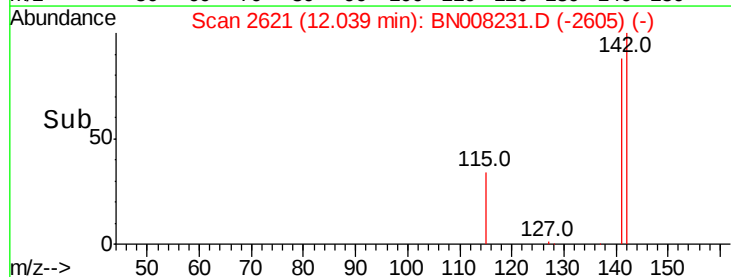
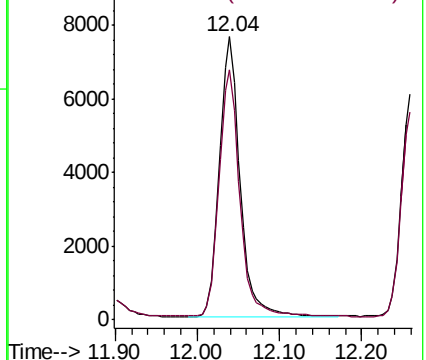
142 100

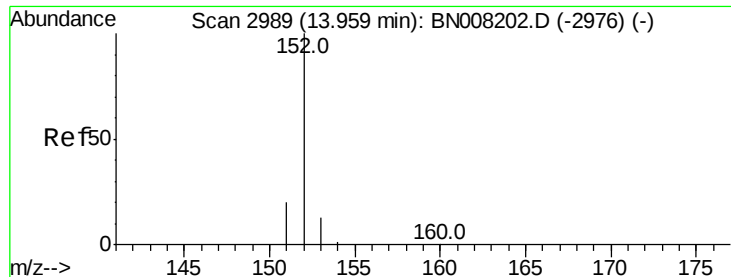
141 87.9 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.138 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008231.D

Acq: 17 Oct 2019 21:10

Instrument :

BNA_N

ClientSampleId :

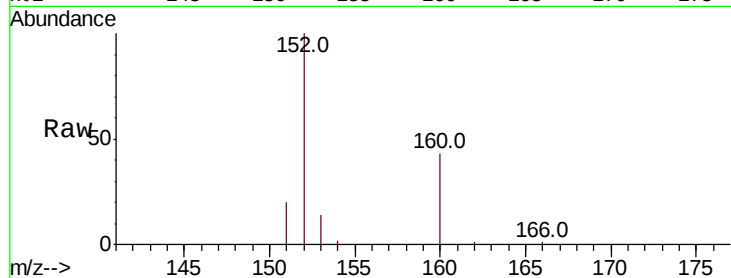
Tot Ion:152 Resp: 45423

Ion Ratio Lower Upper

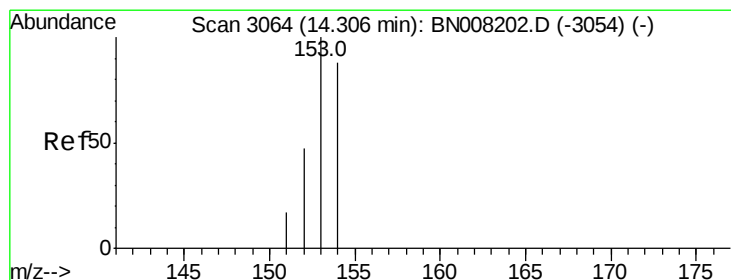
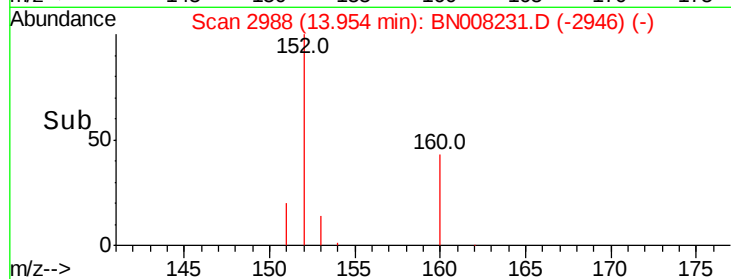
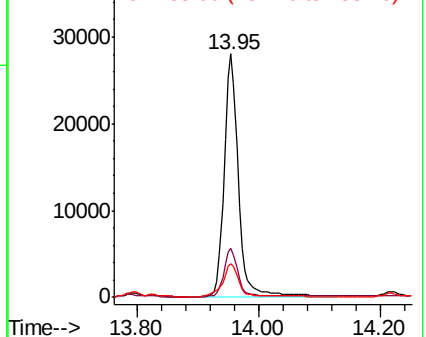
152 100

151 20.1 16.2 24.4

153 14.0 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: 0.962 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008231.D

Acq: 17 Oct 2019 21:10

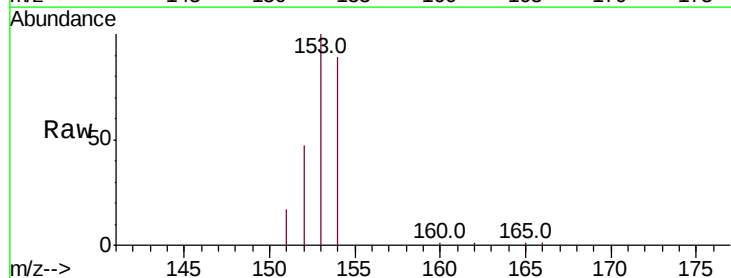
Tgt Ion:153 Resp: 29863

Ion Ratio Lower Upper

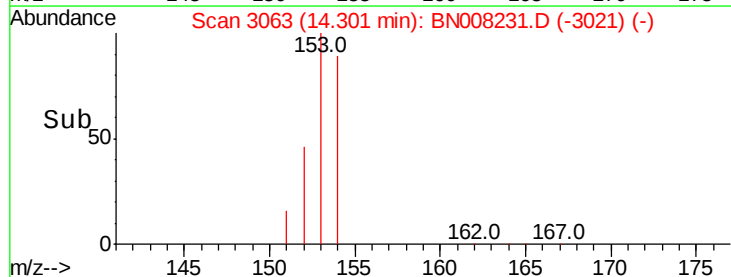
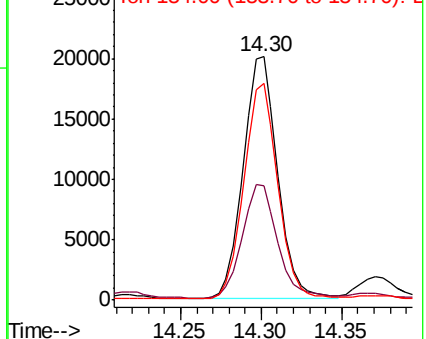
153 100

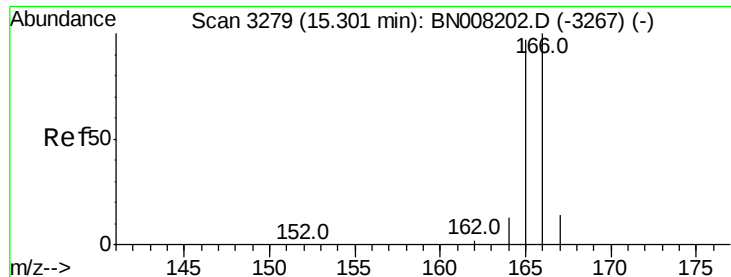
152 46.9 38.2 57.2

154 89.1 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: 1.040 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BN008231.D

Acq: 17 Oct 2019 21:10

Instrument :

BNA_N

ClientSampleId :

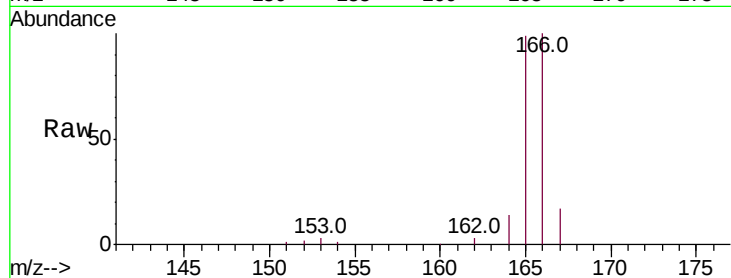
Tot Ion:166 Resp: 36659

Ion Ratio Lower Upper

166 100

165 99.0 76.6 115.0

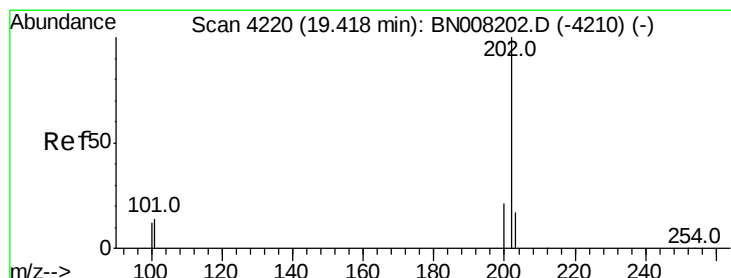
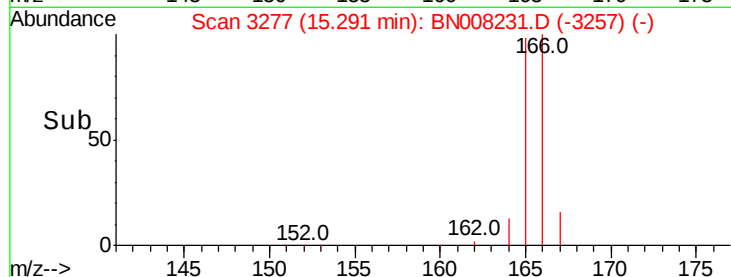
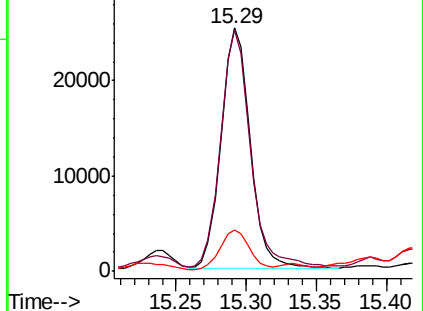
167 17.0 11.7 17.5



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: 28.825 ng/ul

RT: 19.42 min Scan# 4221

Delta R.T. 0.00 min

Lab File: BN008231.D

Acq: 17 Oct 2019 21:10

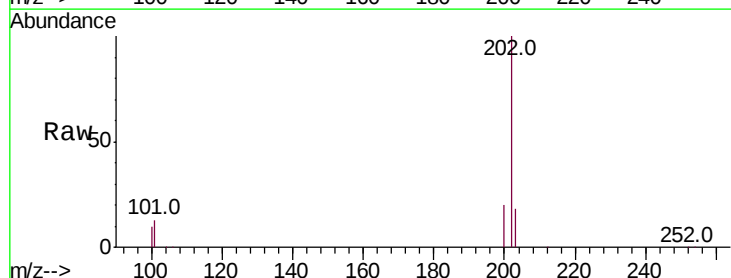
Tgt Ion:202 Resp: 1527520

Ion Ratio Lower Upper

202 100

101 13.0 10.9 16.3

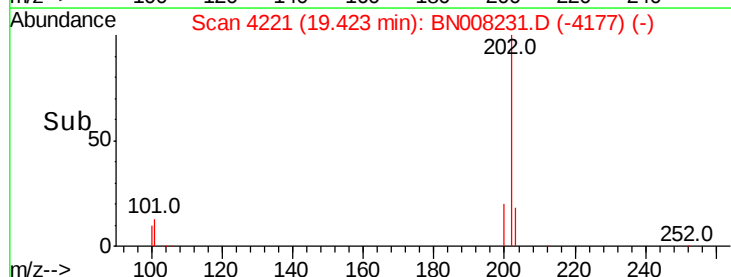
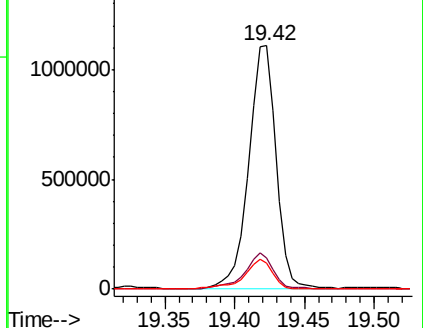
100 10.4 8.7 13.1

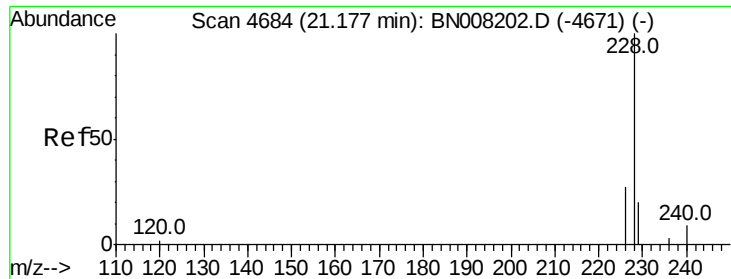


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 16.421 ng/ul

RT: 21.17 min Scan# 4683

Delta R.T. -0.00 min

Lab File: BN008231.D

Acq: 17 Oct 2019 21:10

Instrument :

BNA_N

ClientSampleId :

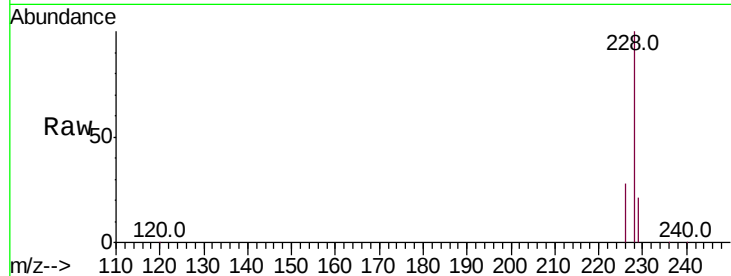
Tot Ion:228 Resp: 794557

Ion Ratio Lower Upper

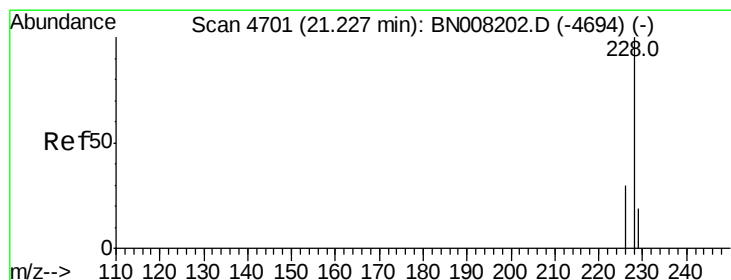
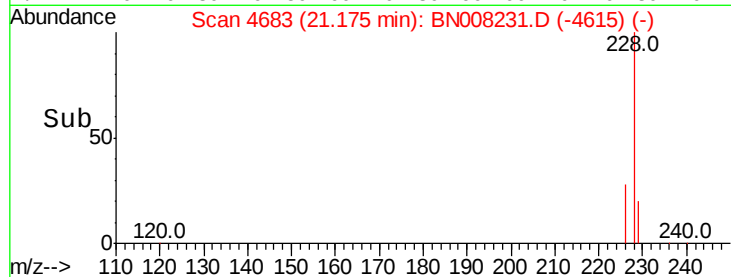
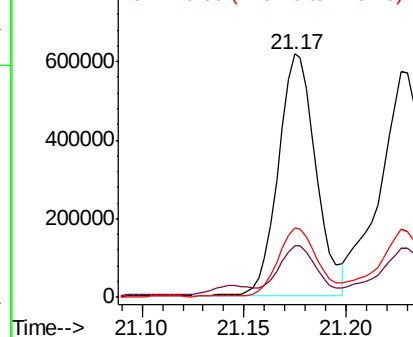
228 100

229 21.1 16.2 24.2

226 28.4 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: 13.829 ng/ul

RT: 21.23 min Scan# 4701

Delta R.T. 0.00 min

Lab File: BN008231.D

Acq: 17 Oct 2019 21:10

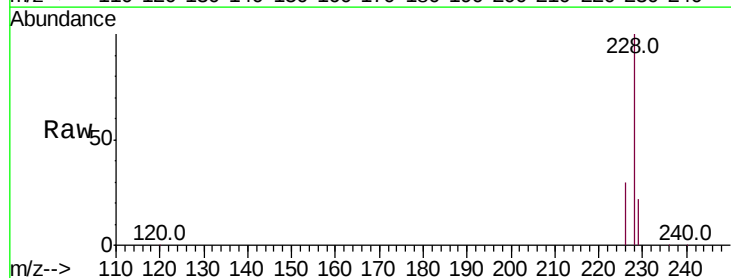
Tgt Ion:228 Resp: 821206

Ion Ratio Lower Upper

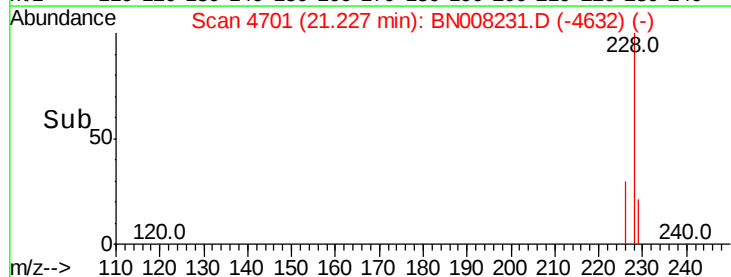
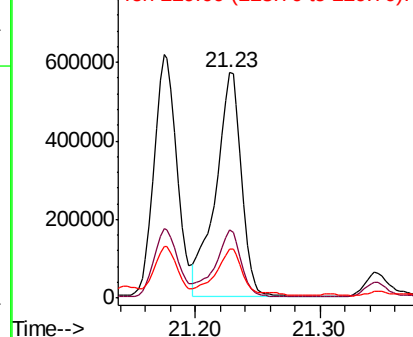
228 100

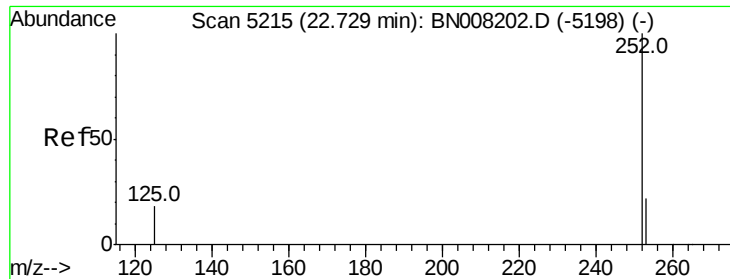
226 30.1 24.1 36.1

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: 28.021 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. 0.00 min

Lab File: BN008231.D

Acq: 17 Oct 2019 21:10

Instrument :

BNA_N

ClientSampleId :

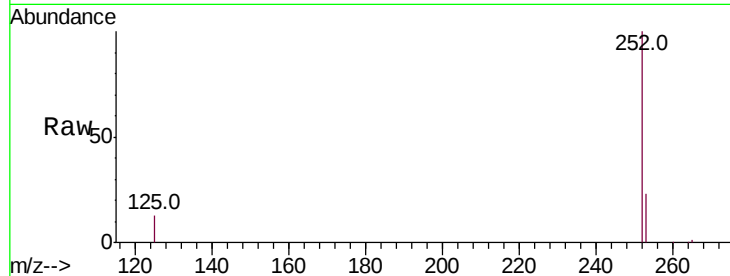
Tot Ion:252 Resp: 1114776

Ion Ratio Lower Upper

252 100

253 23.3 0.0 53.4

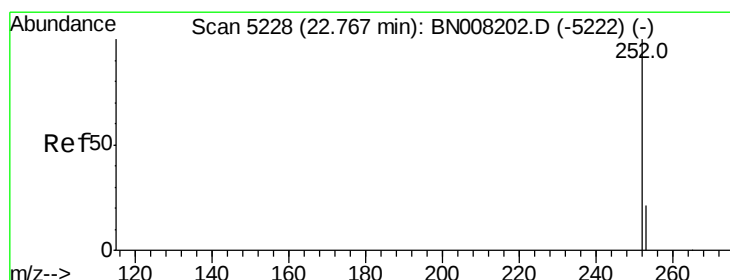
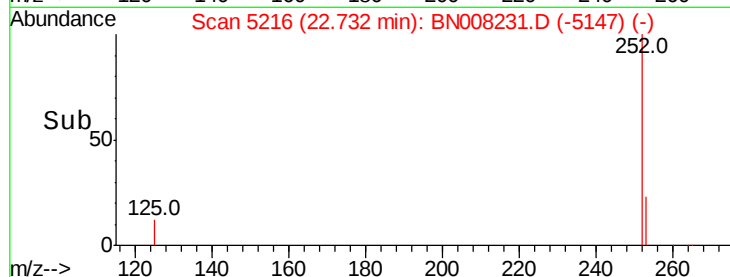
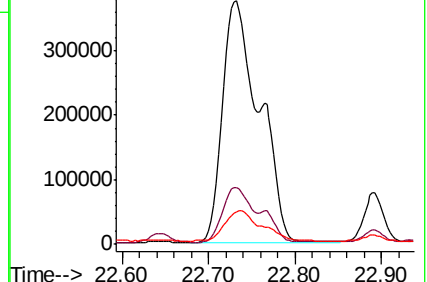
125 13.4 0.0 32.4



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: 24.732 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. -0.03 min

Lab File: BN008231.D

Acq: 17 Oct 2019 21:10

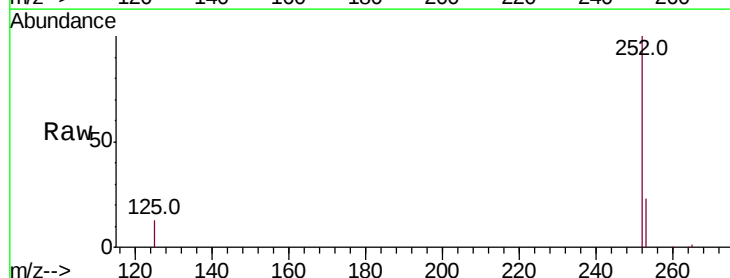
Tgt Ion:252 Resp: 1114575

Ion Ratio Lower Upper

252 100

253 23.3 21.3 31.9

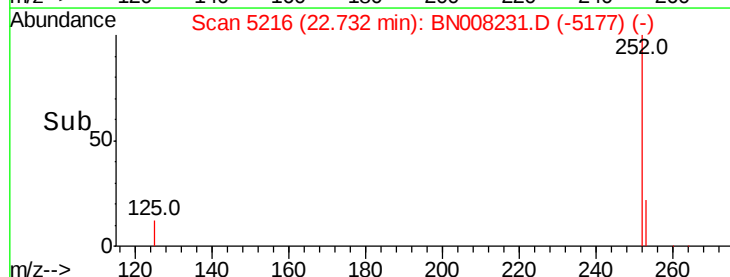
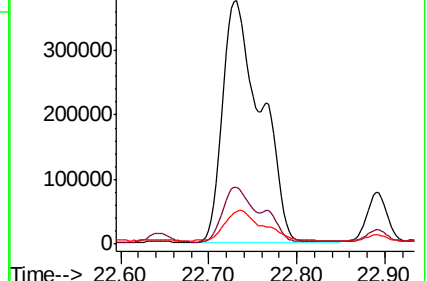
125 13.4 12.3 18.5

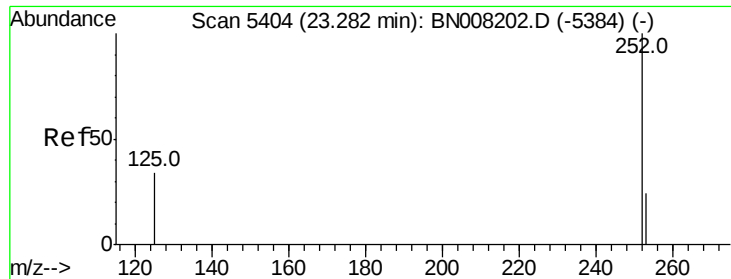


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 15.220 ng/ul

RT: 23.28 min Scan# 5404

Delta R.T. 0.00 min

Lab File: BN008231.D

Acq: 17 Oct 2019 21:10

Instrument :

BNA_N

ClientSampleId :

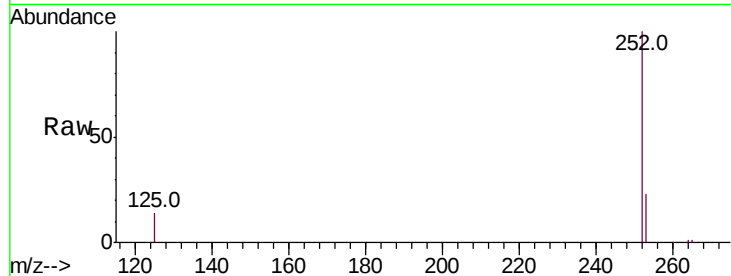
Tot Ion:252 Resp: 637174

Ion Ratio Lower Upper

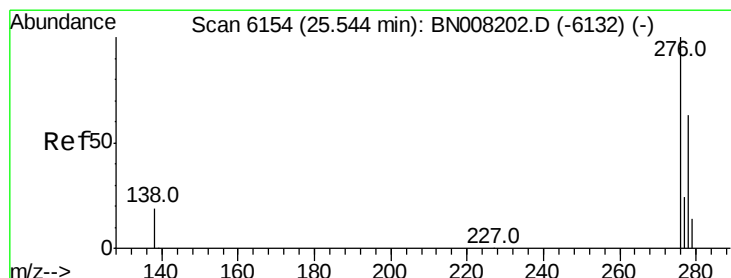
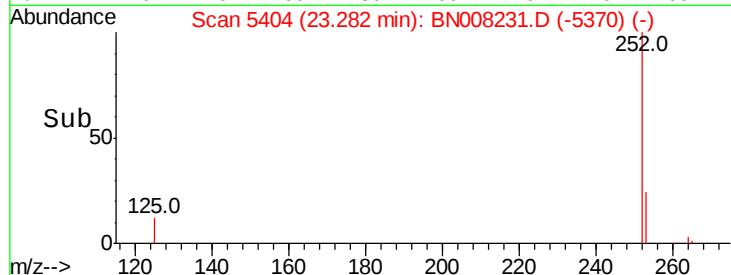
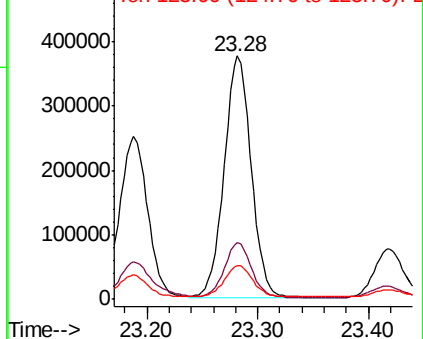
252 100

253 23.1 22.8 34.2

125 13.9 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: 7.798 ng/ul

RT: 25.54 min Scan# 6154

Delta R.T. 0.00 min

Lab File: BN008231.D

Acq: 17 Oct 2019 21:10

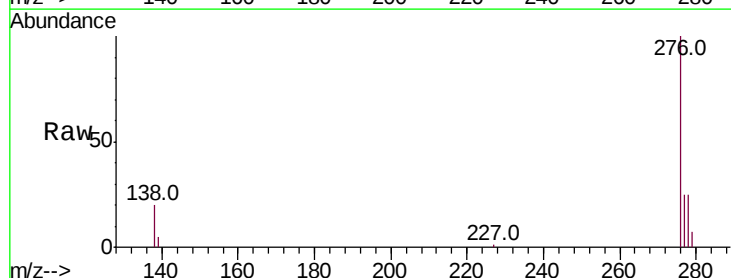
Tgt Ion:276 Resp: 384490

Ion Ratio Lower Upper

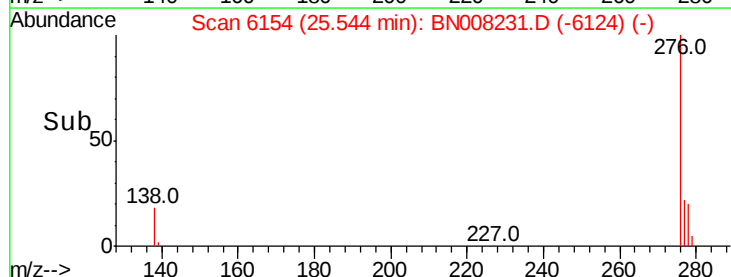
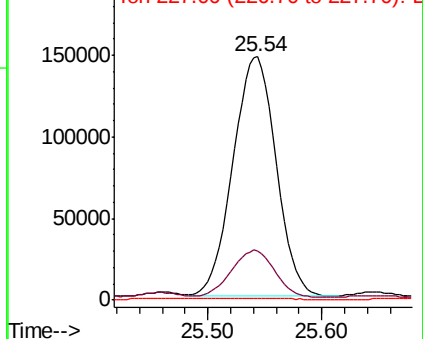
276 100

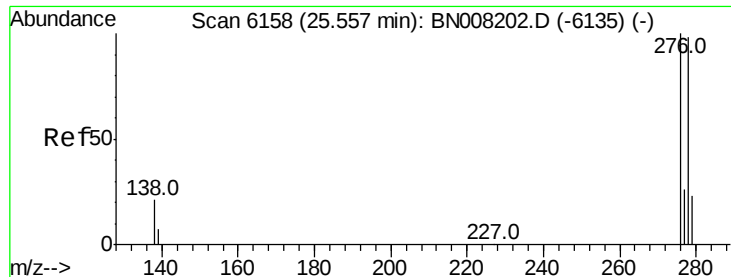
138 19.7 16.1 24.1

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: 2.707 ng/ul

RT: 25.54 min Scan# 6154

Delta R.T. -0.01 min

Lab File: BN008231.D

Acq: 17 Oct 2019 21:10

Instrument :

BNA_N

ClientSampleId :

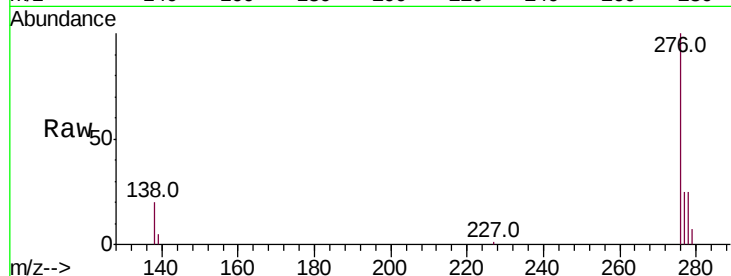
Tot Ion:278 Resp: 105515

Ion Ratio Lower Upper

278 100

139 18.5 15.0 22.6

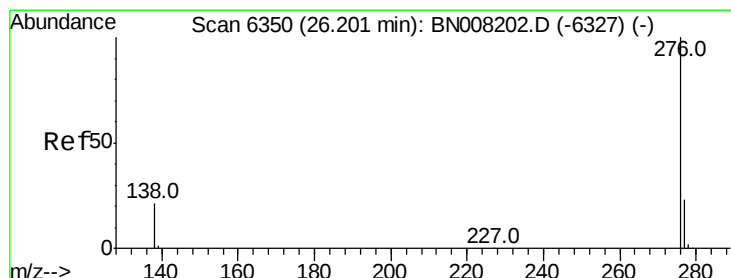
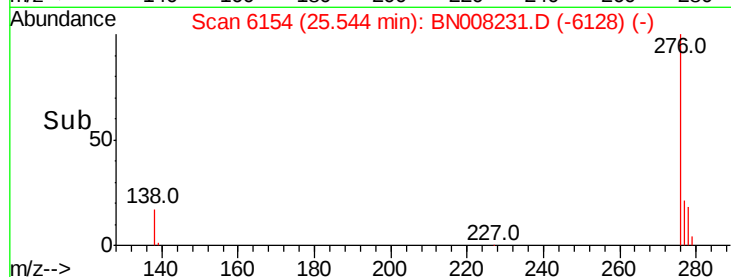
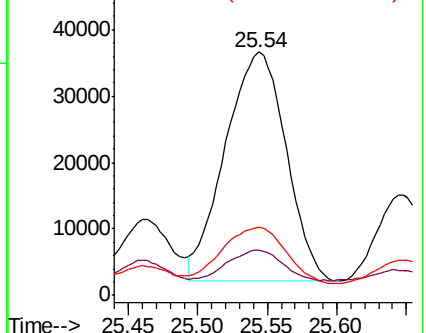
279 28.0 22.4 33.6



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: 8.228 ng/ul

RT: 26.20 min Scan# 6351

Delta R.T. 0.00 min

Lab File: BN008231.D

Acq: 17 Oct 2019 21:10

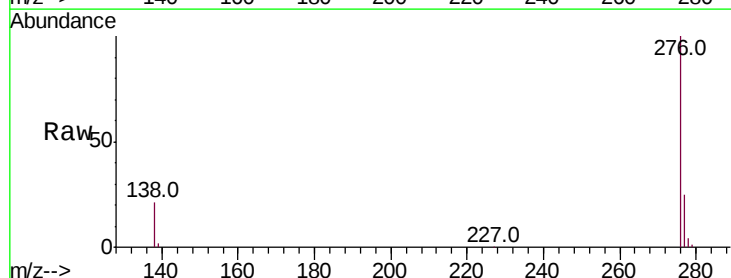
Tgt Ion:276 Resp: 372038

Ion Ratio Lower Upper

276 100

138 20.6 17.0 25.4

277 24.5 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

