

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008955.D
 Acq On : 12 Dec 2019 20:50
 Operator : JU
 Sample : K6089-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 13 00:51:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

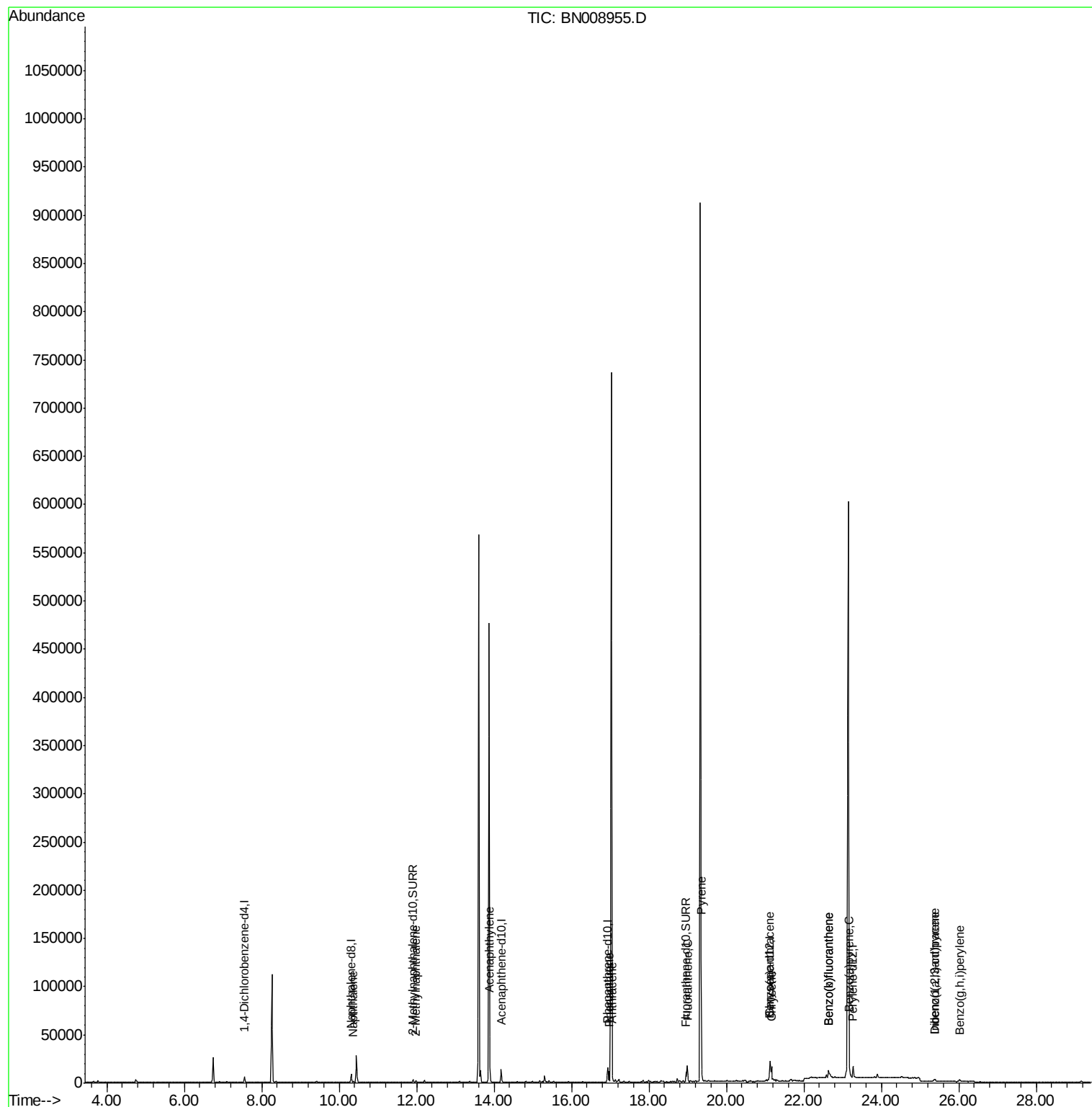
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2597	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11390	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7276	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16708	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14080	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14092	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3596	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	11183	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	1203	0.035	ng/ul#	84
5) 2-Methylnaphthalene	11.98	142	1445	0.060	ng/ul	98
7) Acenaphthylene	13.90	152	896	0.022	ng/ul#	74
12) Phenanthrene	16.97	178	11686	0.207	ng/ul	98
13) Anthracene	17.06	178	1232	0.023	ng/ul#	79
15) Fluoranthene	18.99	202	14914	0.215	ng/ul	96
17) Pyrene	19.35	202	15832	0.280	ng/ul	97
18) Benzo(a)anthracene	21.11	228	6770	0.120	ng/ul#	73
19) Chrysene	21.16	228	17491	0.315	ng/ul#	88
21) Benzo(b)fluoranthene	22.64	252	13892	0.239	ng/ul	83
22) Benzo(k)fluoranthene	22.64	252	13892	0.241	ng/ul#	84
23) Benzo(a)pyrene	23.18	252	5471	0.100	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.38	276	3452	0.054	ng/ul	100
25) Dibenzo(a,h)anthracene	25.38	278	1410	0.027	ng/ul#	7
26) Benzo(g,h,i)perylene	26.02	276	3927	0.074	ng/ul#	83

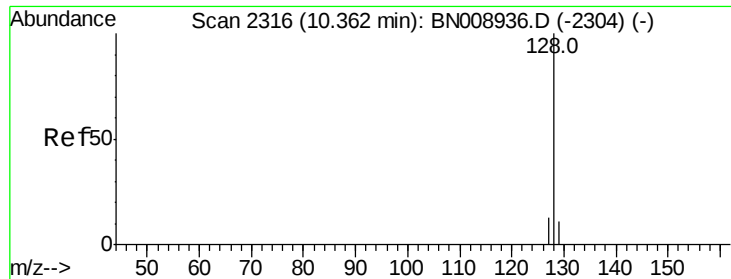
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.035 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Instrument :

BNA_N

ClientSampleId :

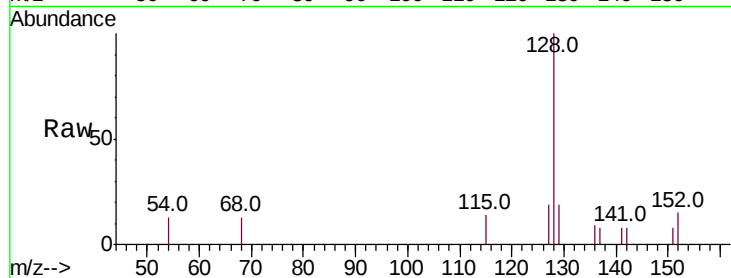
Tot Ion:128 Resp: 1203

Ion Ratio Lower Upper

128 100

129 18.9 9.1 13.7#

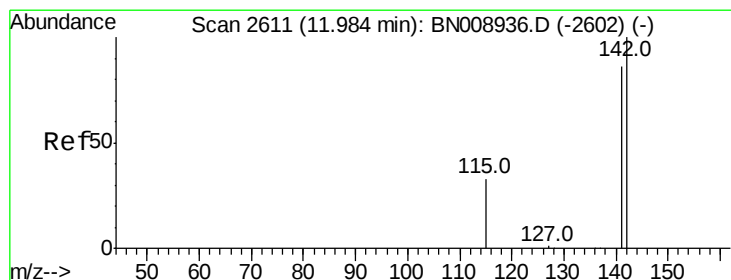
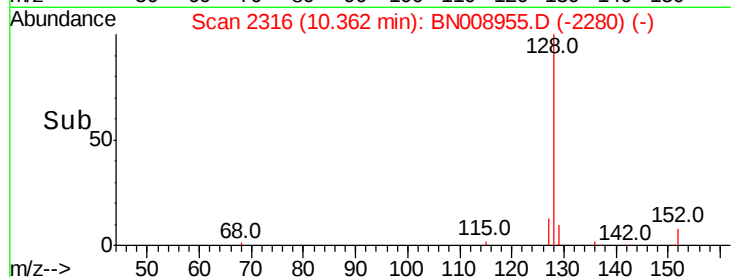
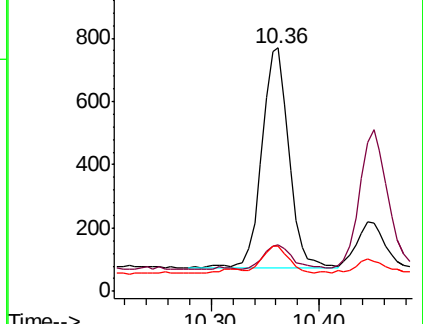
127 18.6 10.7 16.1#



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: 0.060 ng/ul

RT: 11.98 min Scan# 2611

Delta R.T. 0.00 min

Lab File: BN008955.D

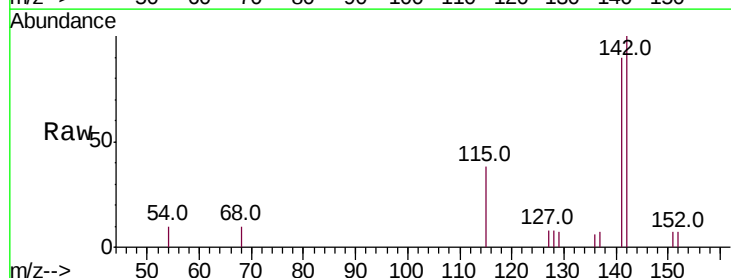
Acq: 12 Dec 2019 20:50

Tgt Ion:142 Resp: 1445

Ion Ratio Lower Upper

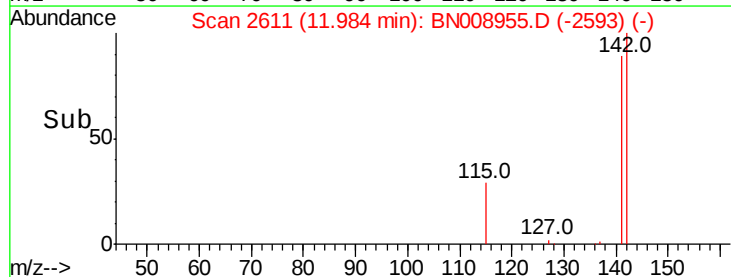
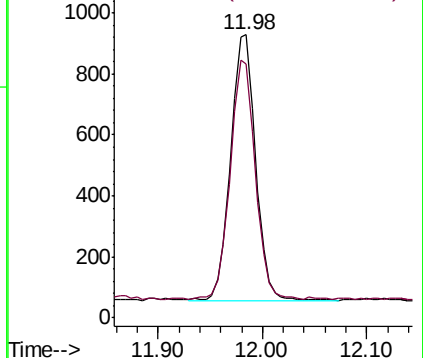
142 100

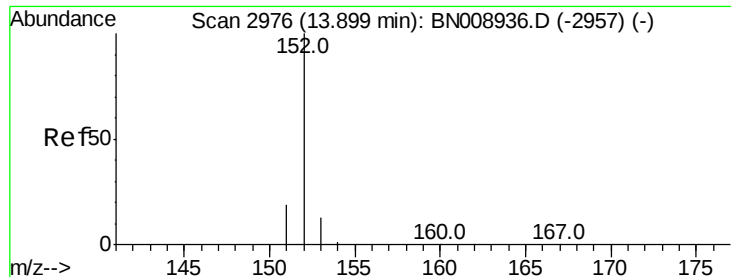
141 89.6 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Instrument :

BNA_N

ClientSampleId :

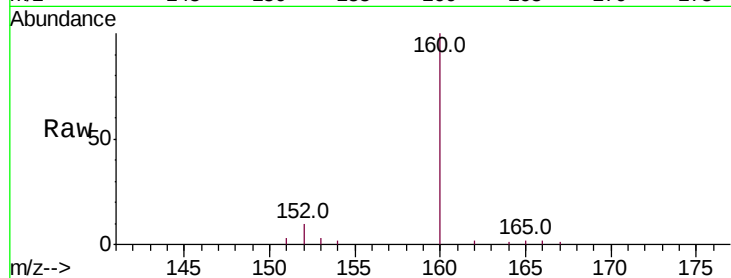
Tot Ion:152 Resp: 896

Ion Ratio Lower Upper

152 100

151 29.9 15.8 23.6#

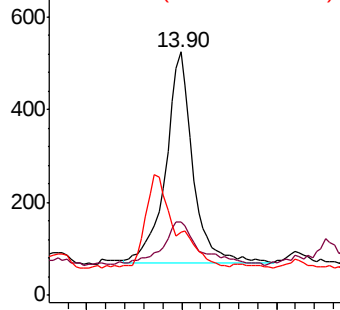
153 25.9 10.6 15.8#



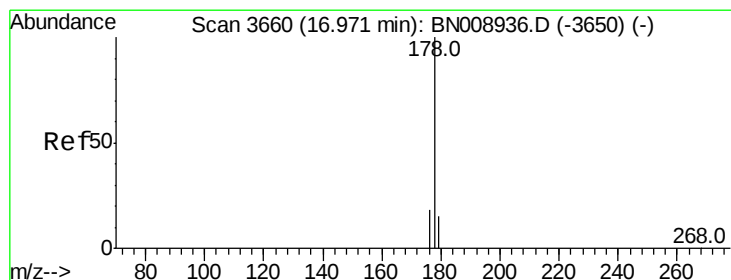
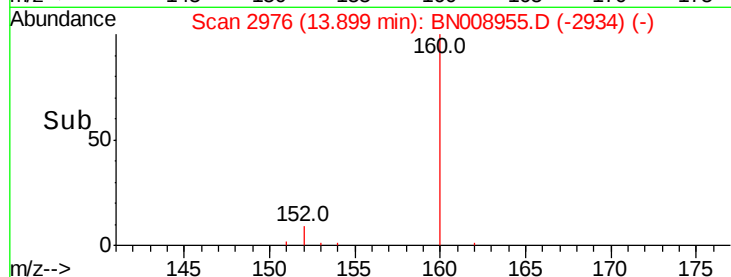
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#12

Phenanthrene

Concen: 0.207 ng/ul

RT: 16.97 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

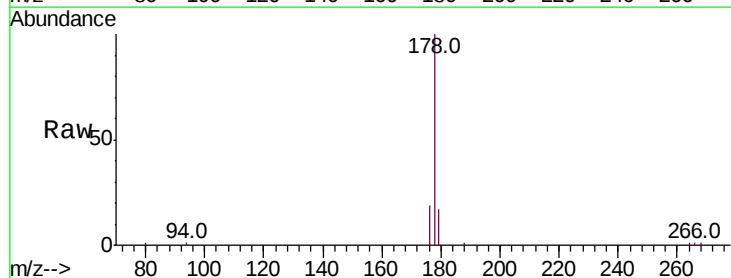
Tgt Ion:178 Resp: 11686

Ion Ratio Lower Upper

178 100

179 16.7 12.6 18.8

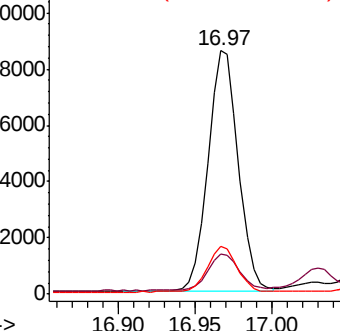
176 19.5 15.3 22.9



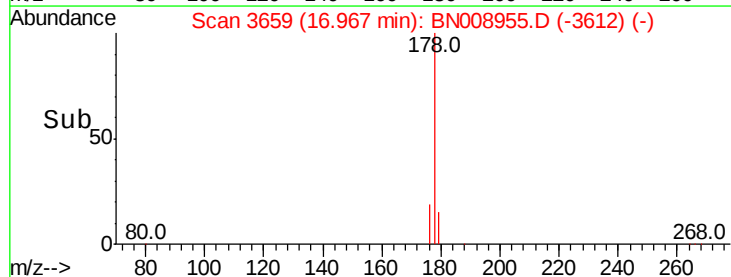
Abundance Ion 178.00 (177.70 to 178.70): E

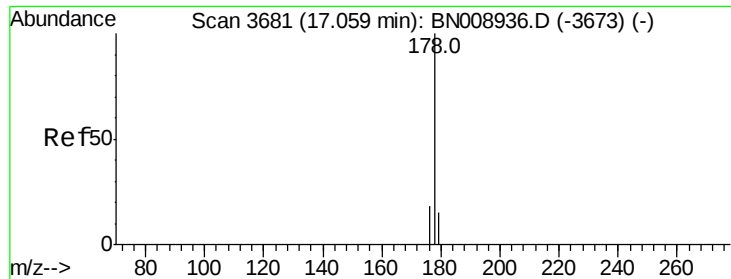
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.023 ng/ul

RT: 17.06 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Instrument :

BNA_N

ClientSampleId :

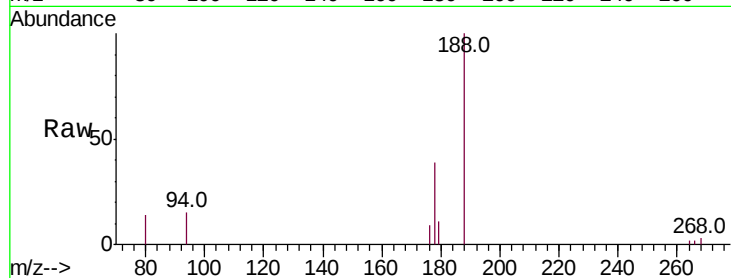
Tot Ion:178 Resp: 1232

Ion Ratio Lower Upper

178 100

179 28.6 12.2 18.4#

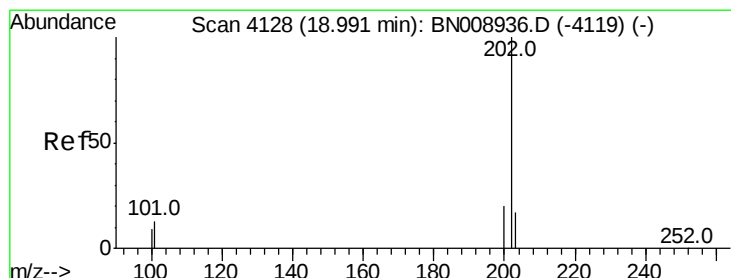
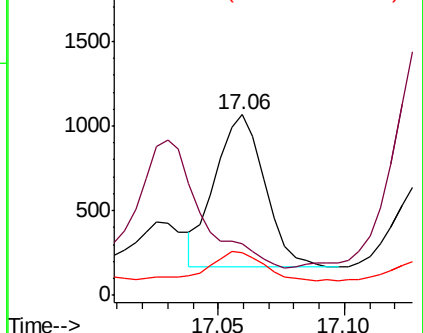
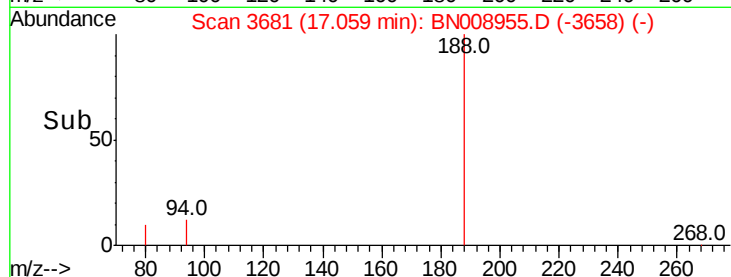
176 23.8 14.7 22.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.215 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

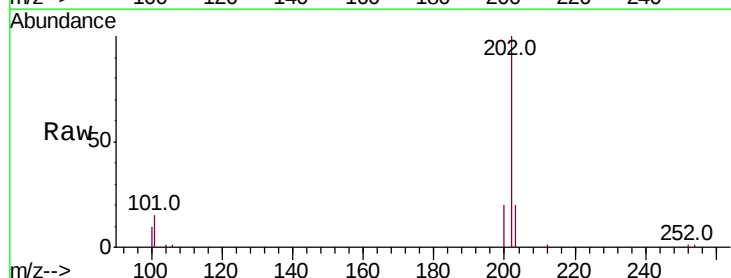
Tgt Ion:202 Resp: 14914

Ion Ratio Lower Upper

202 100

101 14.5 0.0 32.4

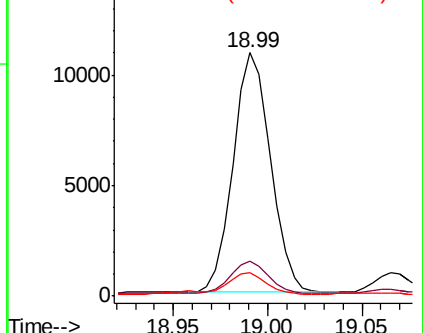
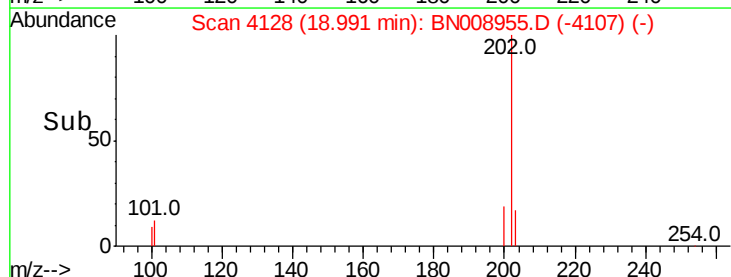
100 9.6 0.0 29.2

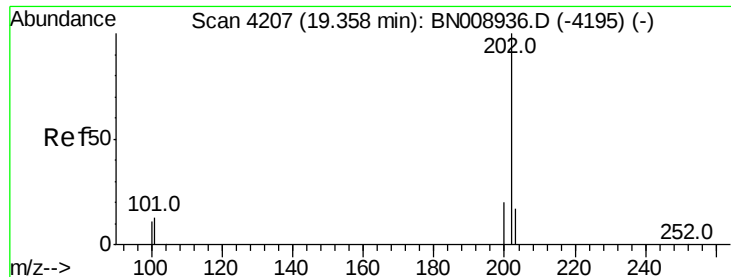


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.280 ng/ul

RT: 19.35 min Scan# 4206

Delta R.T. -0.00 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Instrument :

BNA_N

ClientSampleId :

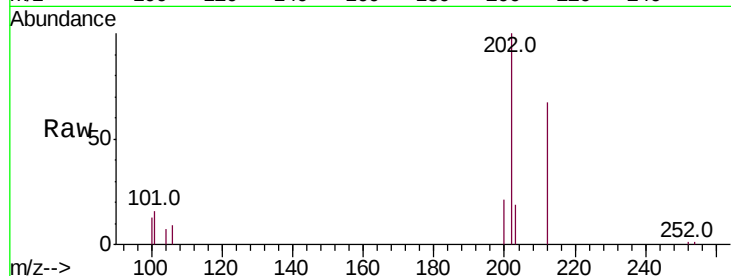
Tot Ion:202 Resp: 15832

Ion Ratio Lower Upper

202 100

101 16.3 12.2 18.4

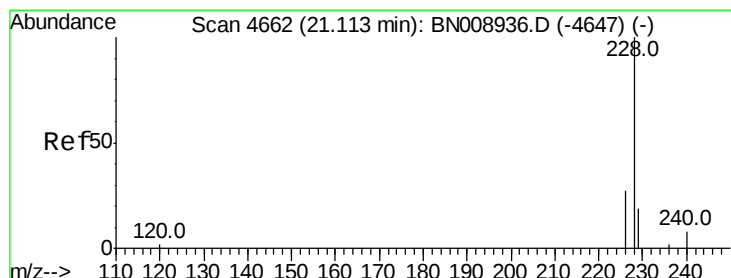
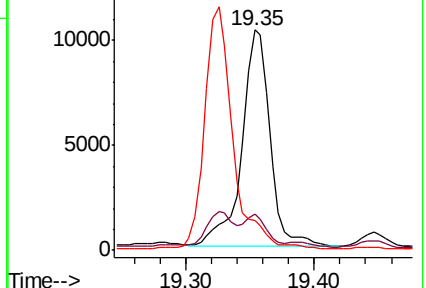
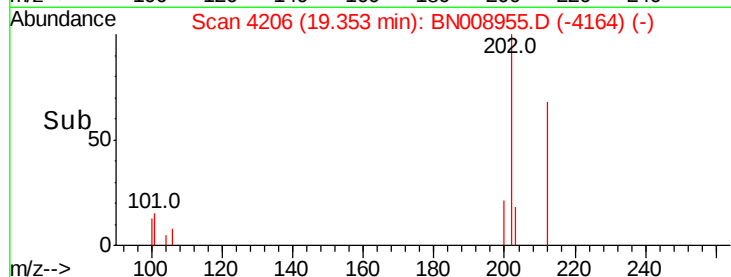
100 13.5 9.5 14.3



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: 0.120 ng/ul

RT: 21.11 min Scan# 4662

Delta R.T. -0.00 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

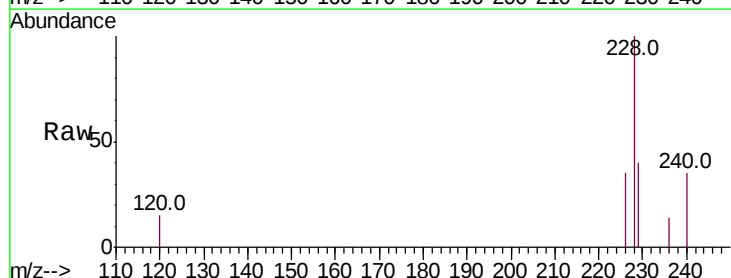
Tgt Ion:228 Resp: 6770

Ion Ratio Lower Upper

228 100

229 39.6 15.7 23.5#

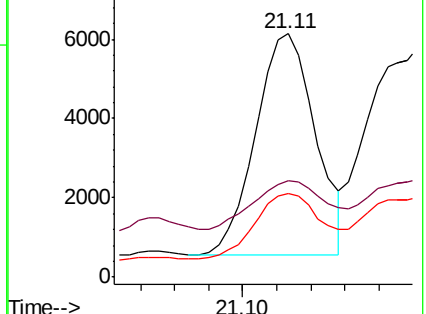
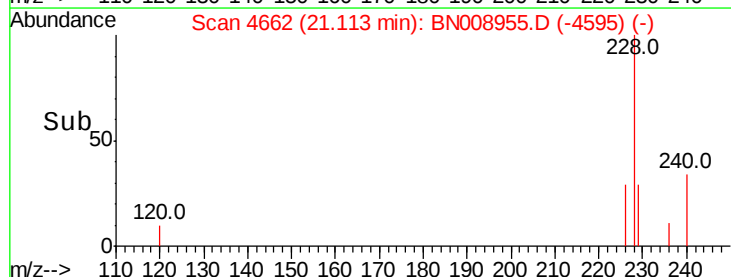
226 34.5 21.5 32.3#

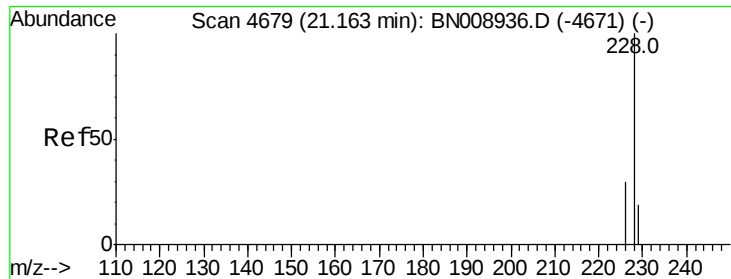


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.315 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.01 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Instrument :

BNA_N

ClientSampled :

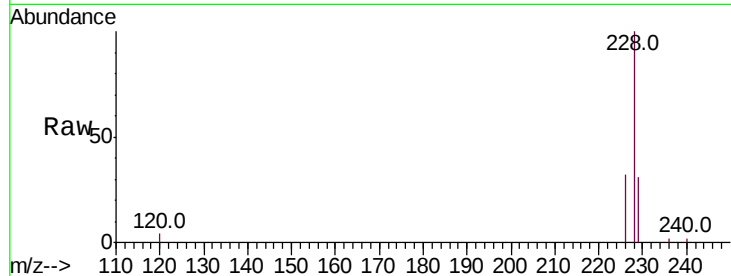
Tot Ion:228 Resp: 17491

Ion Ratio Lower Upper

228 100

226 31.5 23.8 35.6

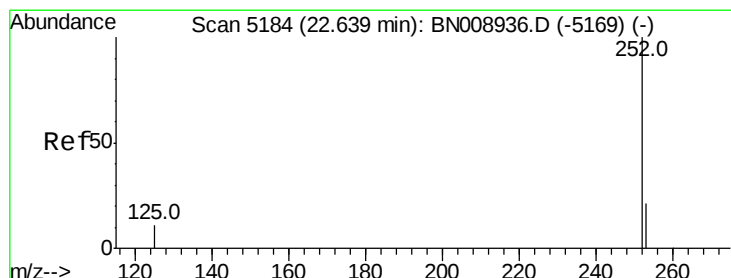
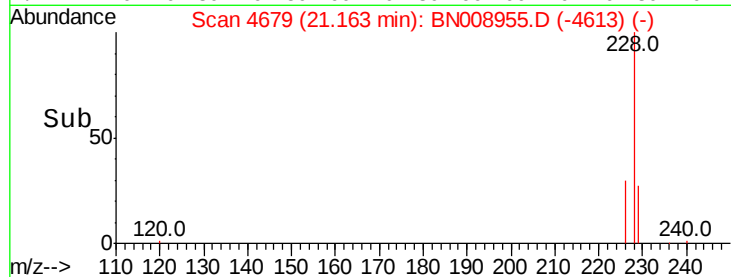
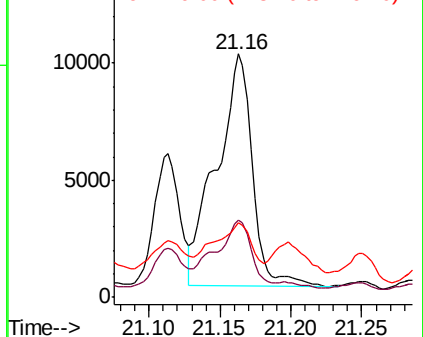
229 30.6 15.6 23.4#



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: 0.239 ng/ul

RT: 22.64 min Scan# 5184

Delta R.T. -0.01 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

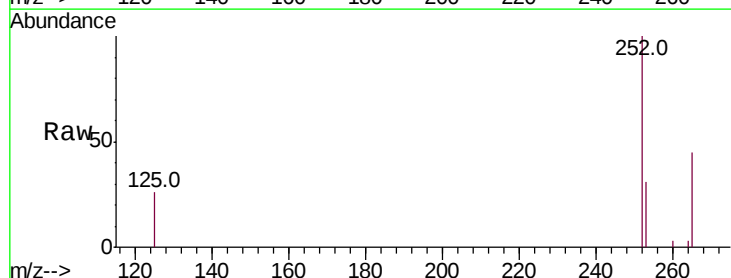
Tgt Ion:252 Resp: 13892

Ion Ratio Lower Upper

252 100

253 31.1 0.0 48.6

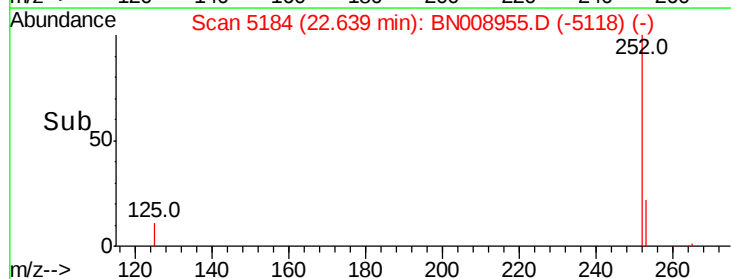
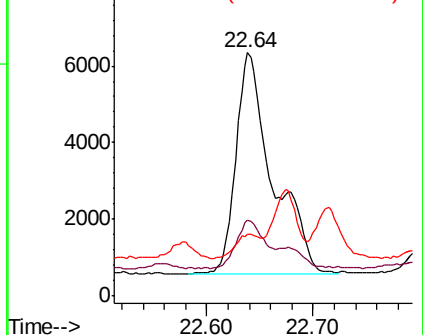
125 25.6 0.0 31.6

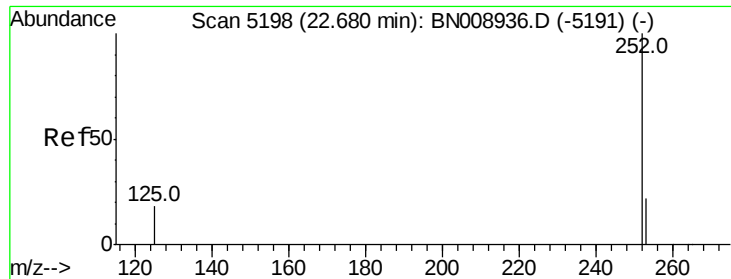


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.241 ng/u1

RT: 22.64 min Scan# 5184

Delta R.T. -0.05 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Instrument :

BNA_N

ClientSampleId :

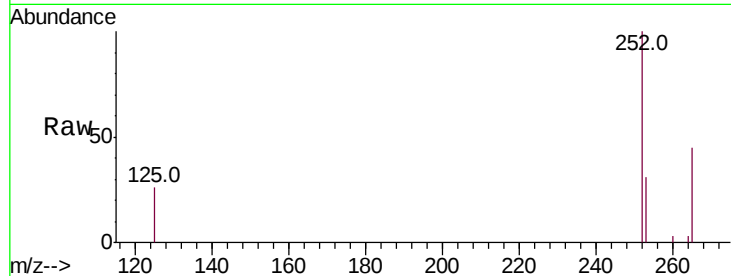
Tot Ion:252 Resp: 13892

Ion Ratio Lower Upper

252 100

253 31.1 19.6 29.4#

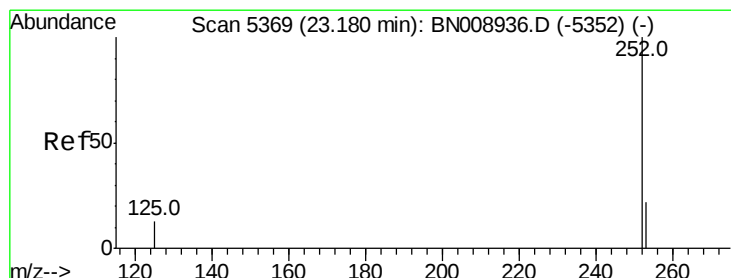
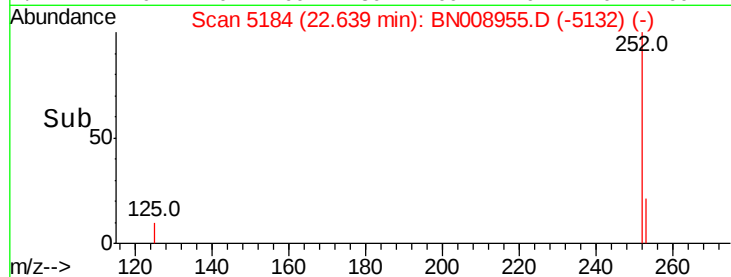
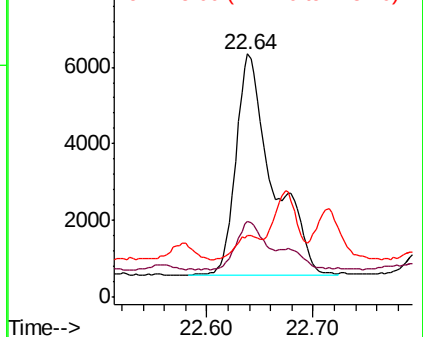
125 25.6 13.8 20.6#



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



#23

Benzo(a)pyrene

Concen: 0.100 ng/u1

RT: 23.18 min Scan# 5369

Delta R.T. -0.01 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

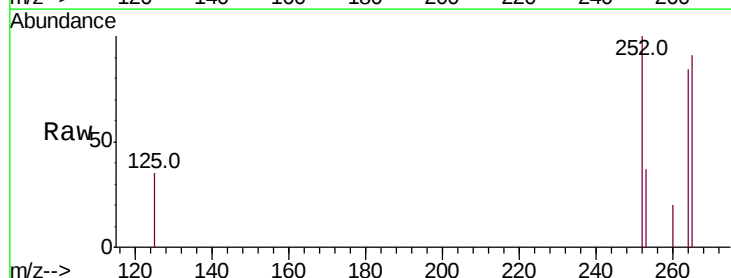
Tgt Ion:252 Resp: 5471

Ion Ratio Lower Upper

252 100

253 37.2 19.9 29.9#

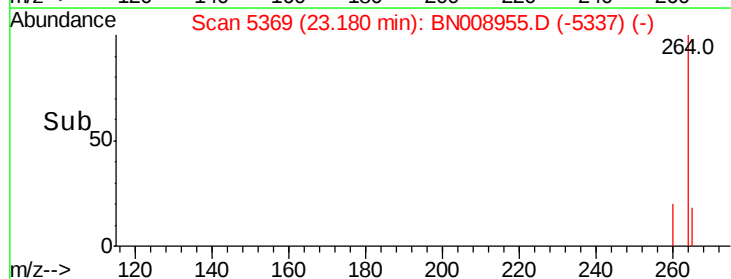
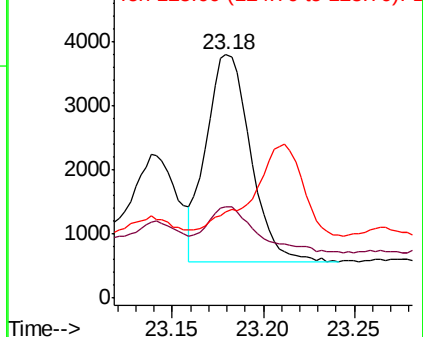
125 35.4 14.6 22.0#

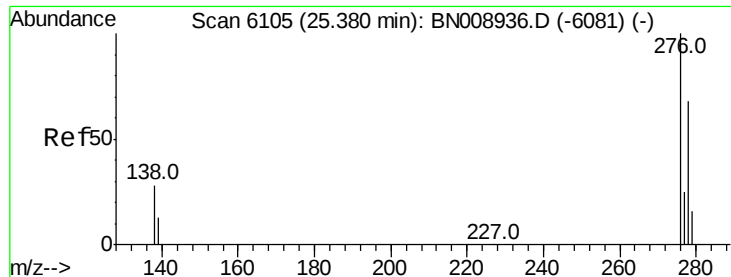


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



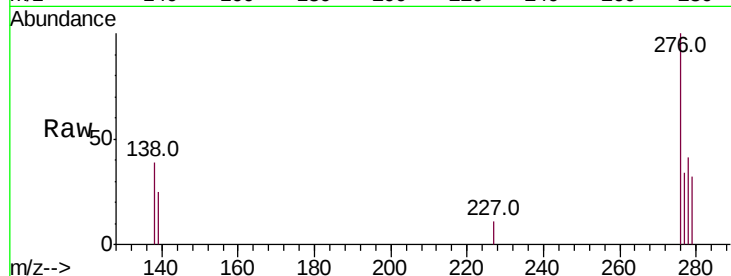


#24

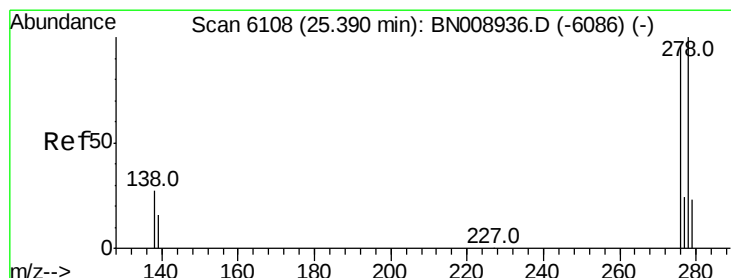
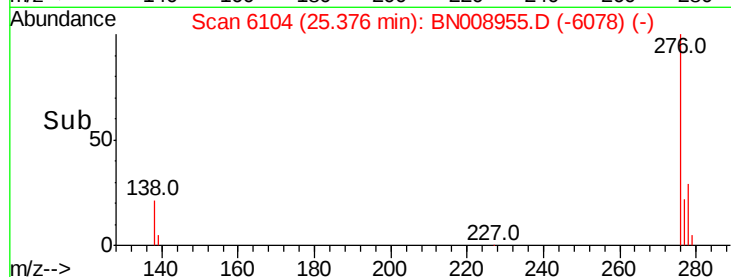
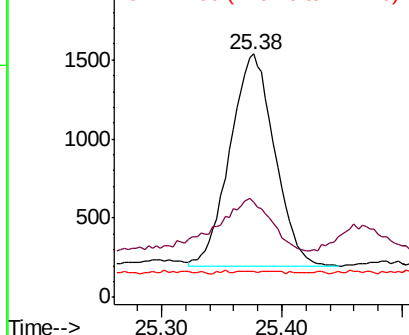
Indeno(1,2,3-cd)pyrene
Concen: 0.054 ng/ul
RT: 25.38 min Scan# 6104
Delta R.T. -0.01 min
Lab File: BN008955.D
Acq: 12 Dec 2019 20:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 3452
Ion Ratio Lower Upper
276 100
138 29.4 23.8 35.6
227 0.2 0.2 0.2



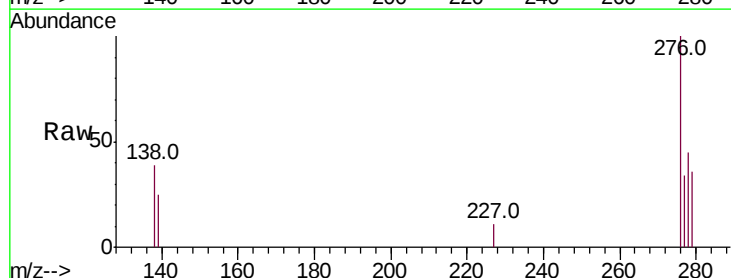
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



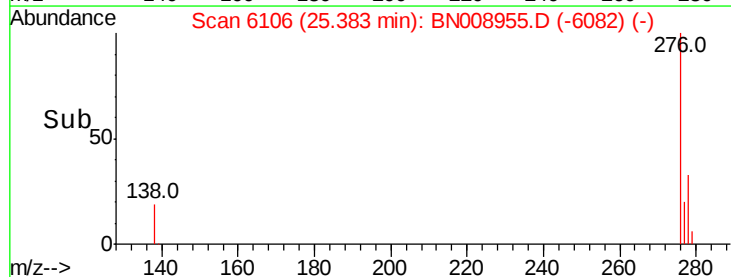
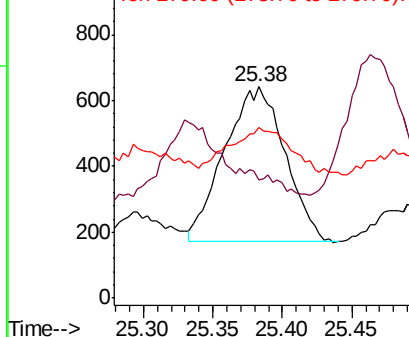
#25

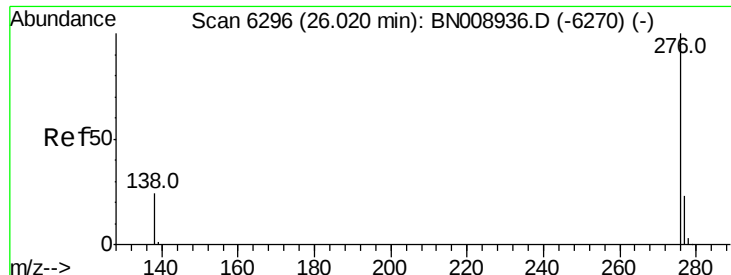
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.38 min Scan# 6106
Delta R.T. -0.02 min
Lab File: BN008955.D
Acq: 12 Dec 2019 20:50

Tgt Ion:278 Resp: 1410
Ion Ratio Lower Upper
278 100
139 56.2 17.4 26.0#
279 81.0 20.5 30.7#



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(a,h,i)perylene

Concen: 0.074 ng/ul

RT: 26.02 min Scan# 6295

Delta R.T. -0.01 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Instrument :

BNA_N

ClientSampleId :

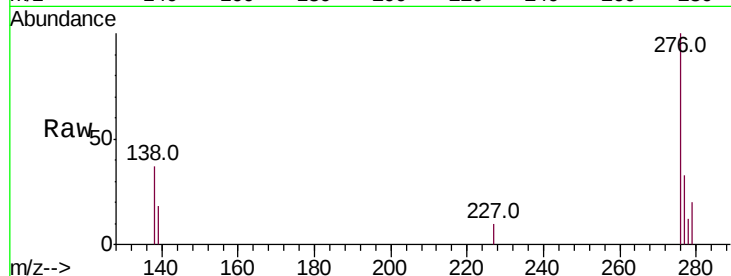
Tot Ion:276 Resp: 3927

Ion Ratio Lower Upper

276 100

138 36.9 21.9 32.9#

277 32.7 19.9 29.9#



Abundance Ion 276.00 (275.70 to 276.70): E

2000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

