

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009053.D
 Acq On : 20 Dec 2019 05:34
 Operator : JU
 Sample : K6171-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 06:27:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 15:54:16 2019
 Response via : Initial Calibration

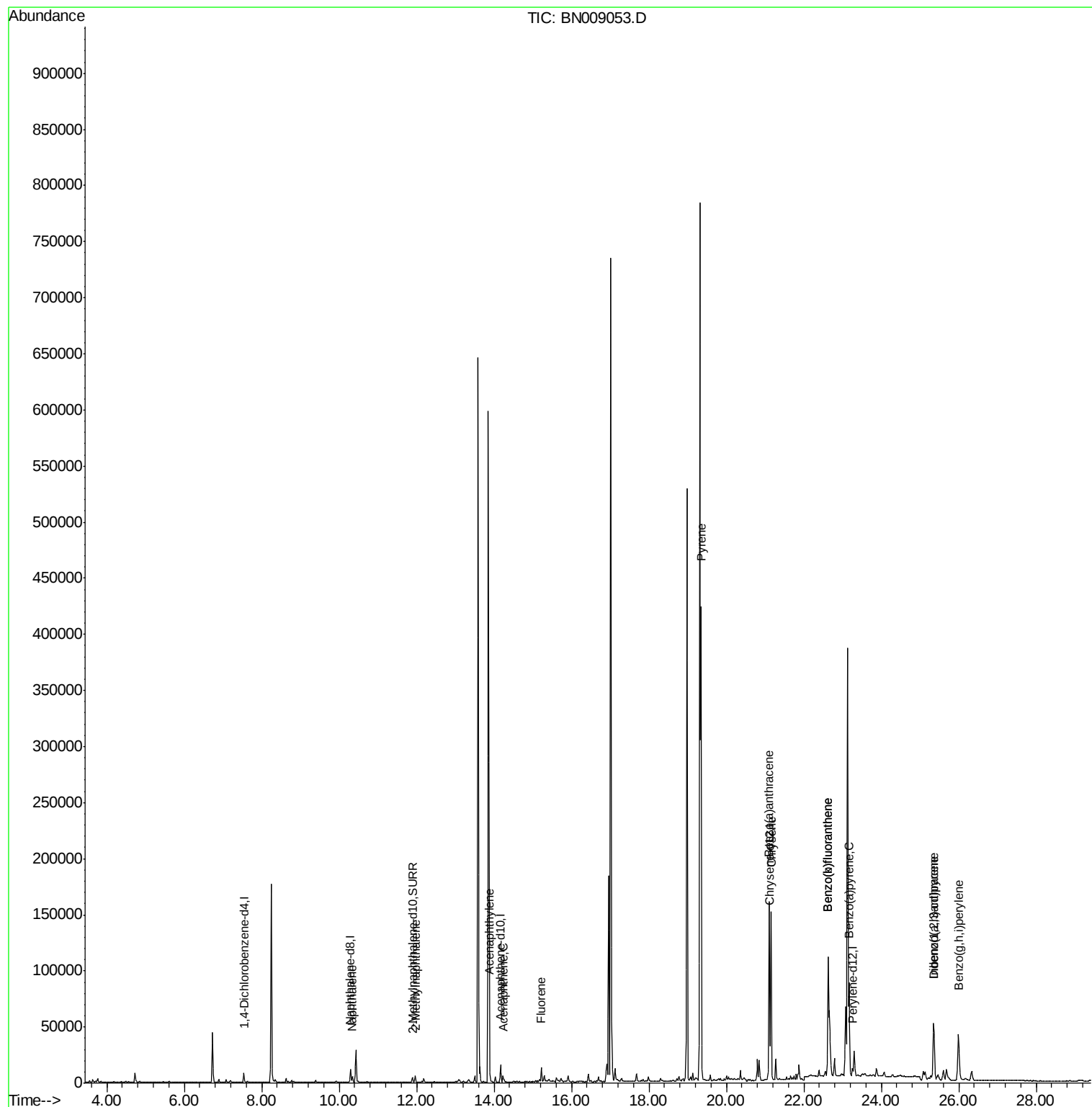
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3598	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	14026	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	8180	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.92
16) Chrysene-d12	21.12	240	8520	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	7627	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	5170	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	10051	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.34	128	6945	0.163	ng/ul	98
5) 2-Methylnaphthalene	11.96	142	4253	0.132	ng/ul	100
7) Acenaphthylene	13.89	152	6256	0.146	ng/ul#	94
8) Acenaphthene	14.23	153	3356	0.100	ng/ul	98
9) Fluorene	15.22	166	7040	0.177	ng/ul#	98
17) Pyrene	19.34	202	332868	7.658	ng/ul	99
18) Benzo(a)anthracene	21.10	228	131160	3.467	ng/ul	98
19) Chrysene	21.15	228	142221	3.741	ng/ul	97
21) Benzo(b)fluoranthene	22.63	252	217919	6.119	ng/ul	97
22) Benzo(k)fluoranthene	22.63	252	217874	6.067	ng/ul	97
23) Benzo(a)pyrene	23.16	252	102191	3.274	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.35	276	75577	2.224	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.36	278	17426	0.644	ng/ul#	89
26) Benzo(g,h,i)perylene	25.99	276	74424	2.599	ng/ul	99

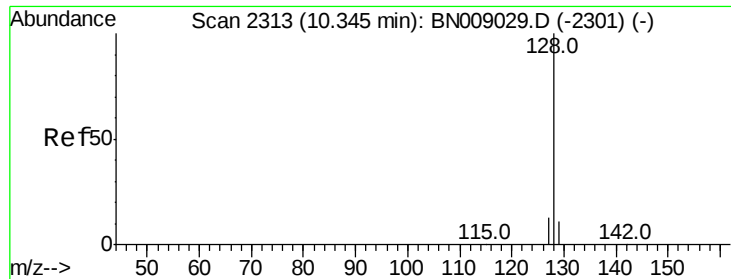
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 19 15:54:16 2019
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#3

Naphthalene

Concen: 0.163 ng/ul

RT: 10.34 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Instrument :

BNA_N

ClientSampleId :

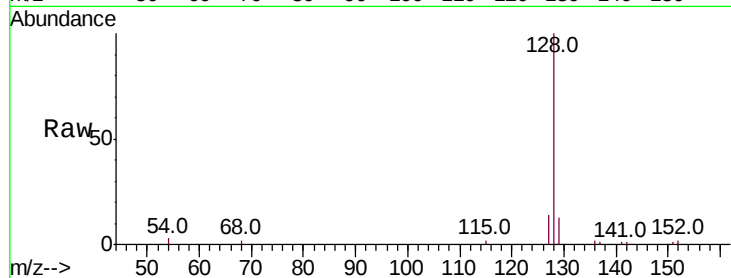
Tot Ion:128 Resp: 6945

Ion Ratio Lower Upper

128 100

129 12.6 9.0 13.4

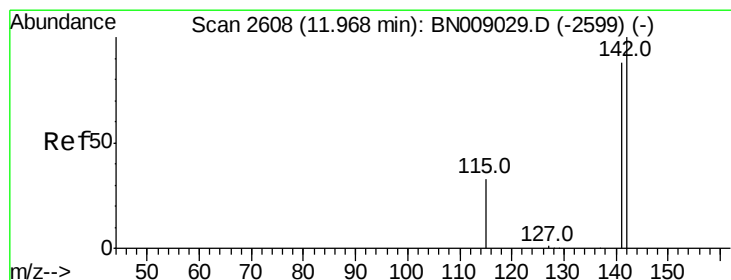
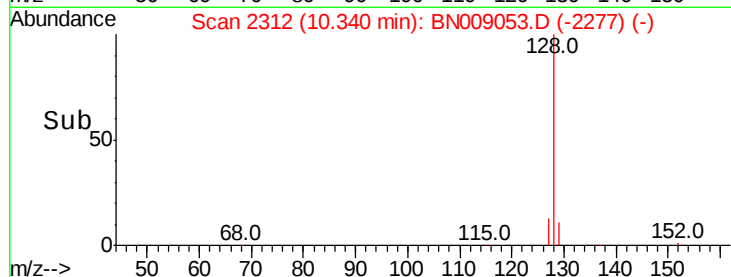
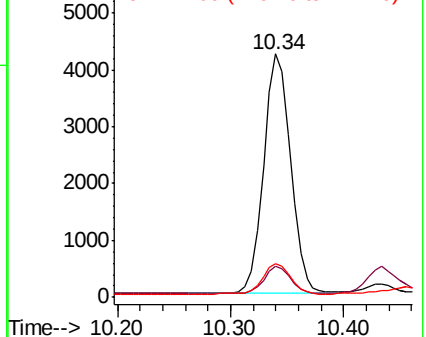
127 13.8 10.9 16.3



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: 0.132 ng/ul

RT: 11.96 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BN009053.D

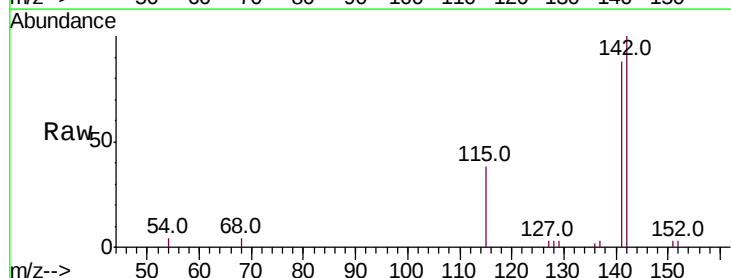
Acq: 20 Dec 2019 05:34

Tgt Ion:142 Resp: 4253

Ion Ratio Lower Upper

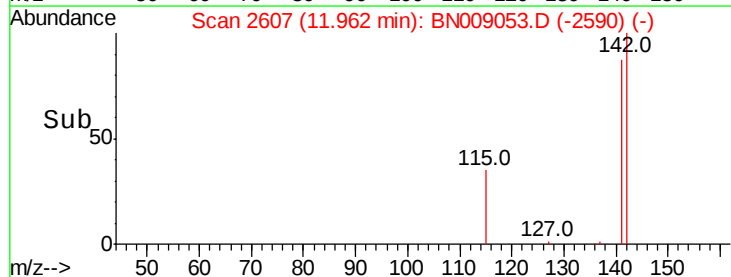
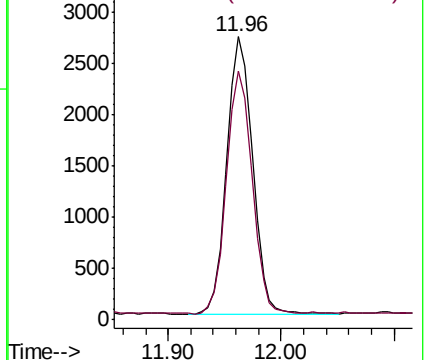
142 100

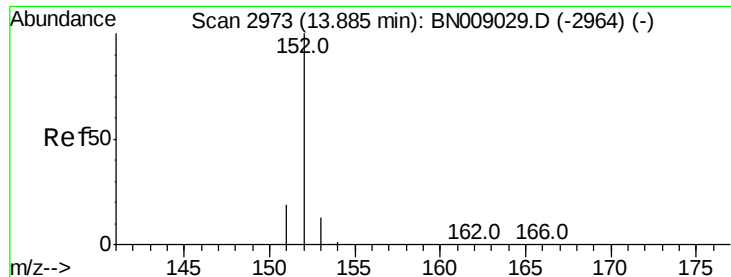
141 88.1 70.2 105.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.146 ng/ul

RT: 13.89 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Instrument :

BNA_N

ClientSampled :

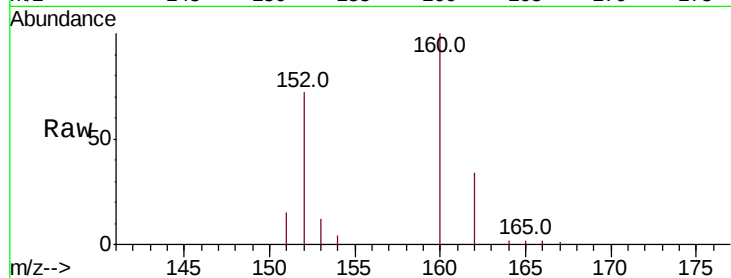
Tot Ion:152 Resp: 6256

Ion Ratio Lower Upper

152 100

151 21.2 15.7 23.5

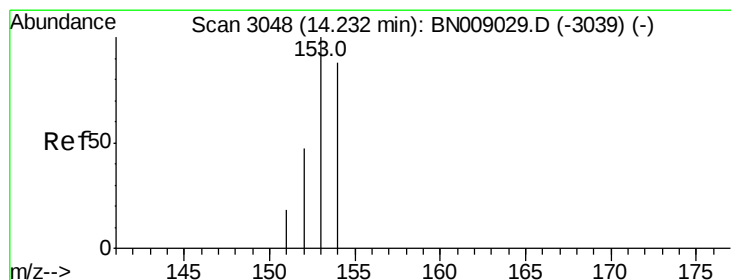
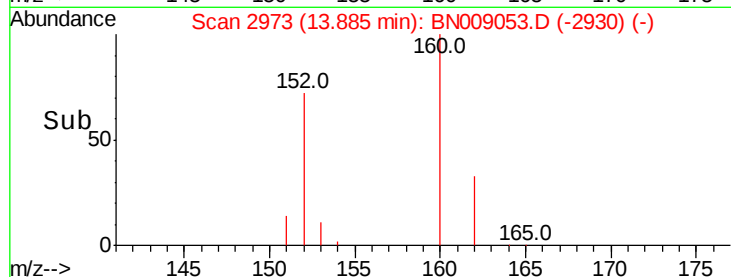
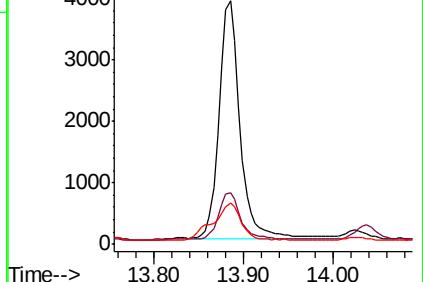
153 17.2 10.8 16.2#



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: 0.100 ng/ul

RT: 14.23 min Scan# 3048

Delta R.T. 0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

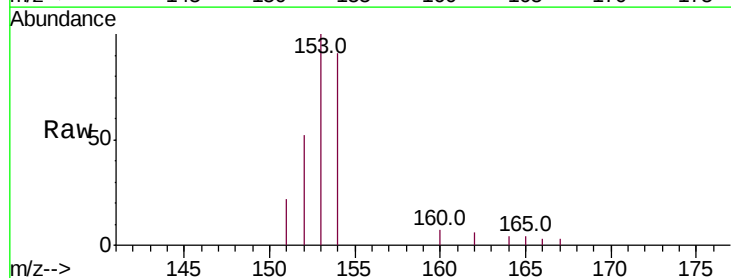
Tgt Ion:153 Resp: 3356

Ion Ratio Lower Upper

153 100

152 51.8 39.5 59.3

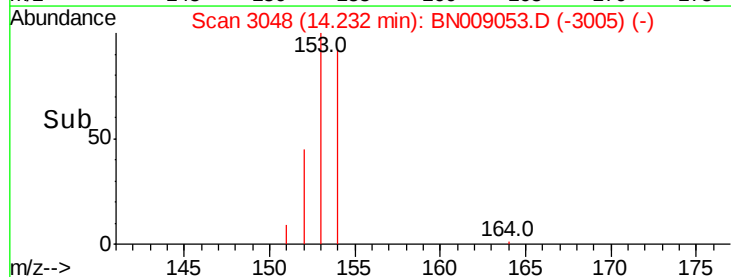
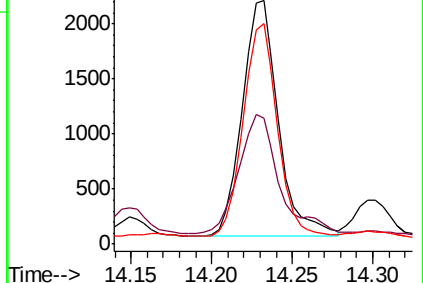
154 90.7 71.3 106.9

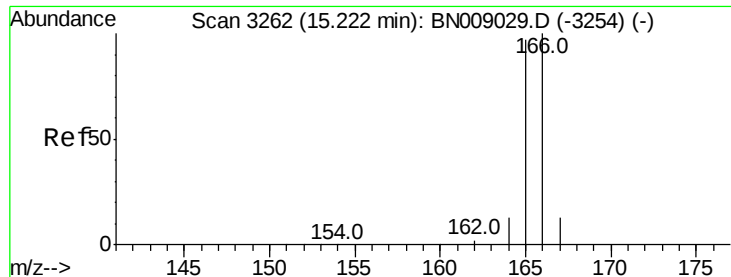


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.177 ng/ul

RT: 15.22 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Instrument :

BNA_N

ClientSampleId :

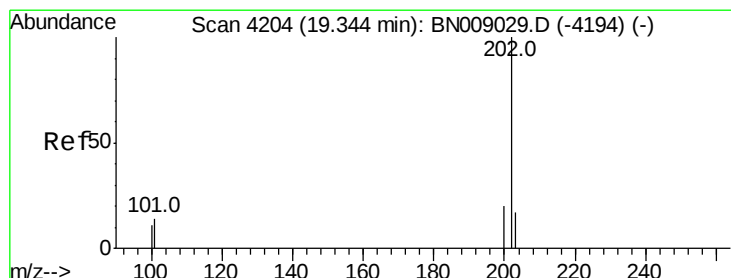
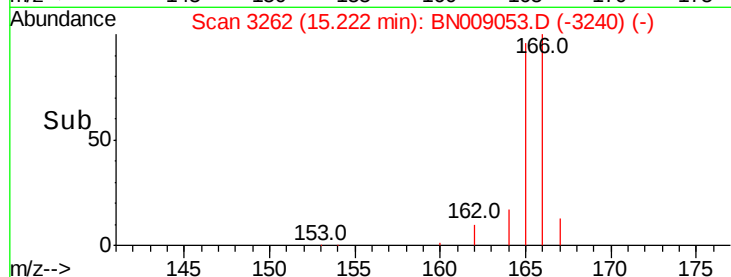
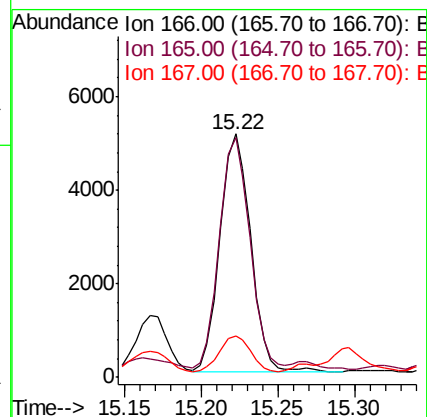
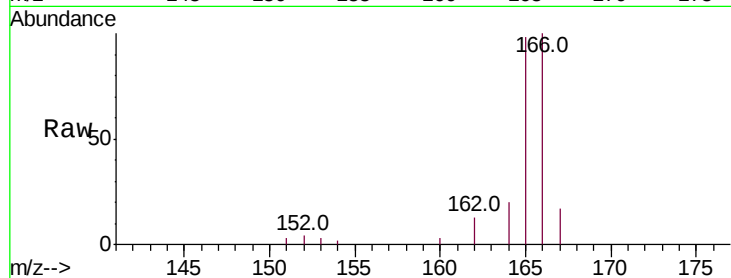
Tot Ion:166 Resp: 7040

Ion Ratio Lower Upper

166 100

165 98.4 78.2 117.4

167 17.1 11.0 16.6#



#17

Pyrene

Concen: 7.658 ng/ul

RT: 19.34 min Scan# 4204

Delta R.T. 0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

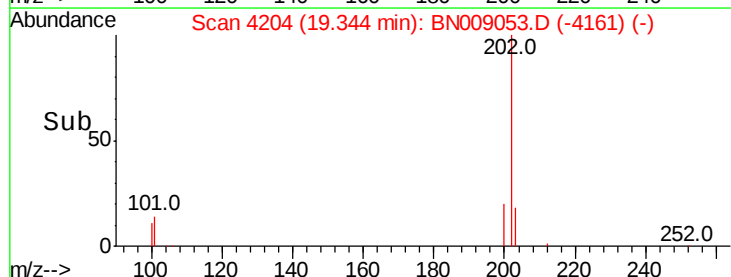
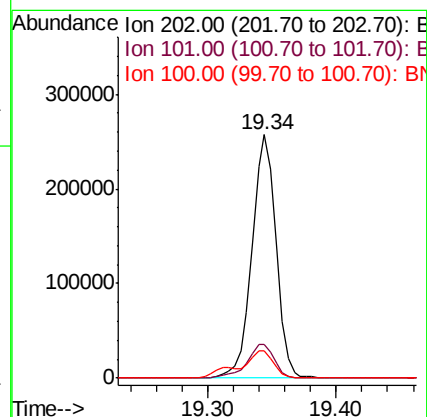
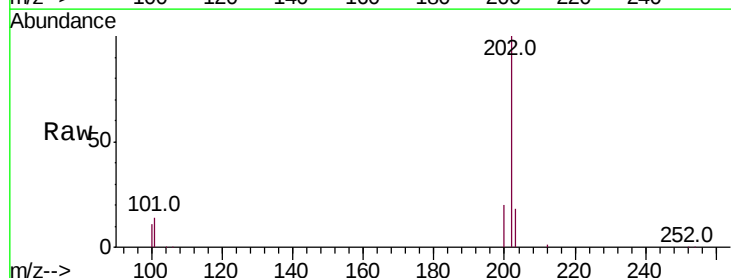
Tgt Ion:202 Resp: 332868

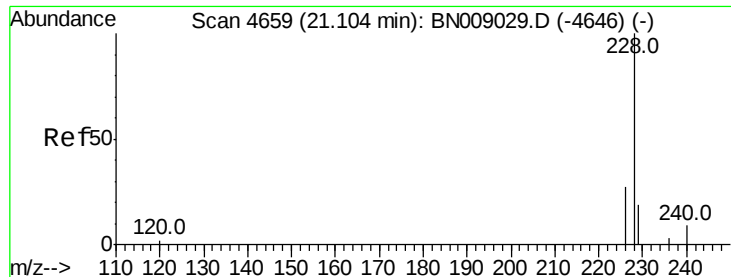
Ion Ratio Lower Upper

202 100

101 13.9 10.9 16.3

100 11.4 9.0 13.6





#18

Benzo(a)anthracene

Concen: 3.467 ng/ul

RT: 21.10 min Scan# 4658

Delta R.T. -0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Instrument :

BNA_N

ClientSampled :

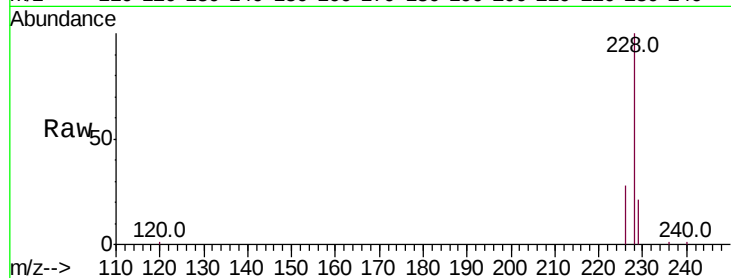
Tot Ion:228 Resp: 131160

Ion Ratio Lower Upper

228 100

229 20.8 15.5 23.3

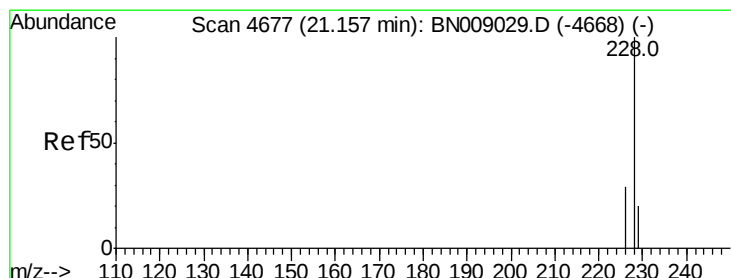
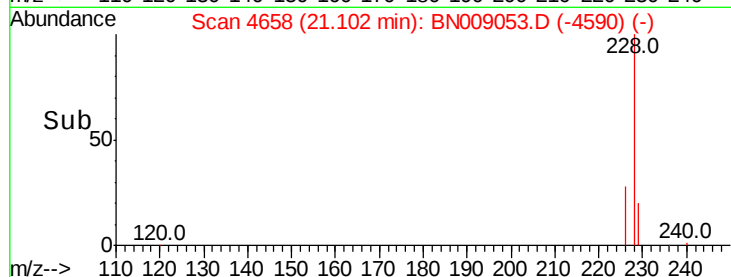
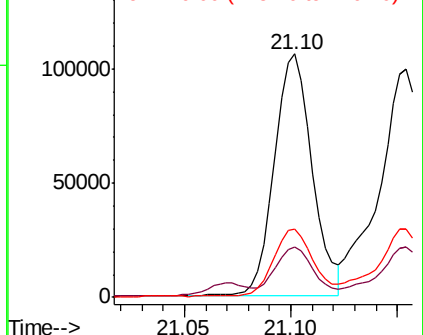
226 28.0 21.7 32.5



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: 3.741 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

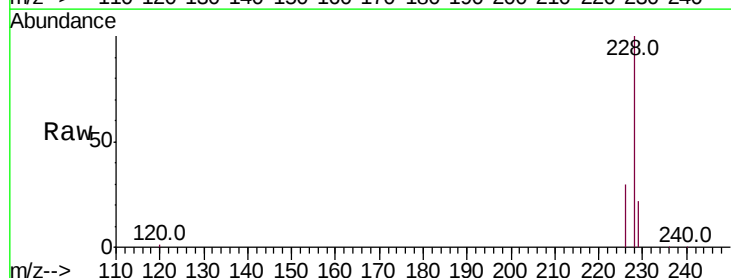
Tgt Ion:228 Resp: 142221

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

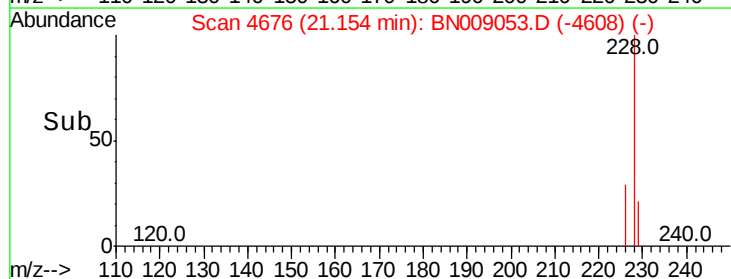
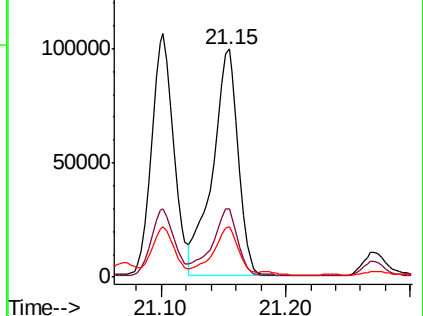
229 21.9 15.4 23.0

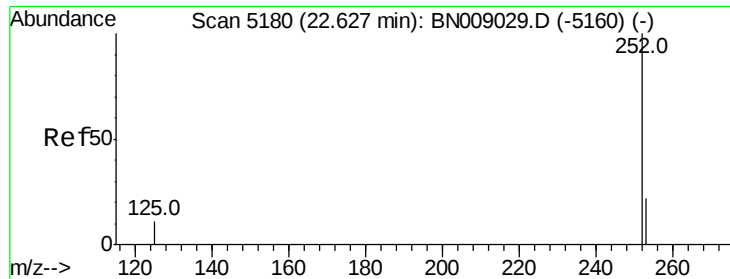


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 6.119 ng/u1

RT: 22.63 min Scan# 5180

Delta R.T. 0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Instrument :

BNA_N

ClientSampleId :

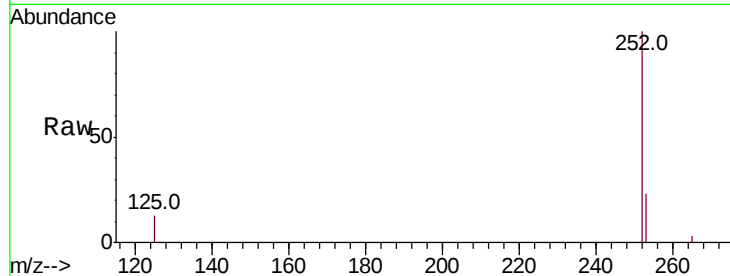
Tot Ion:252 Resp: 217919

Ion Ratio Lower Upper

252 100

253 23.1 0.0 48.2

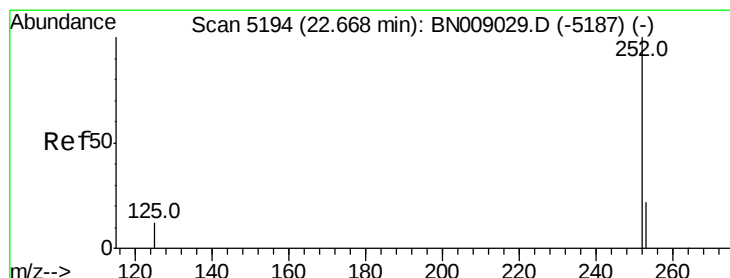
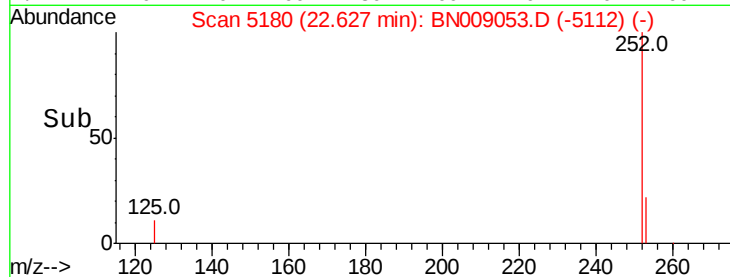
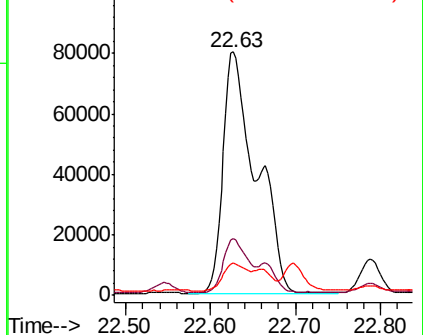
125 13.2 0.0 30.0



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



#22

Benzo(k)fluoranthene

Concen: 6.067 ng/u1

RT: 22.63 min Scan# 5180

Delta R.T. -0.04 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

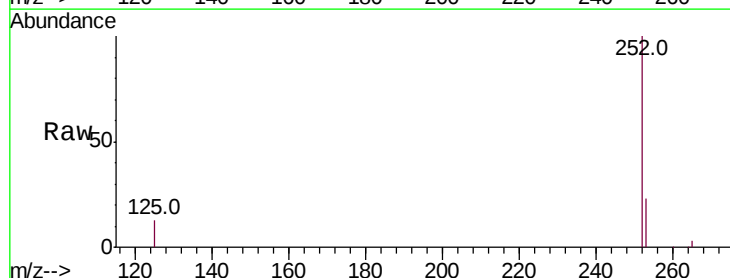
Tgt Ion:252 Resp: 217874

Ion Ratio Lower Upper

252 100

253 23.1 19.4 29.0

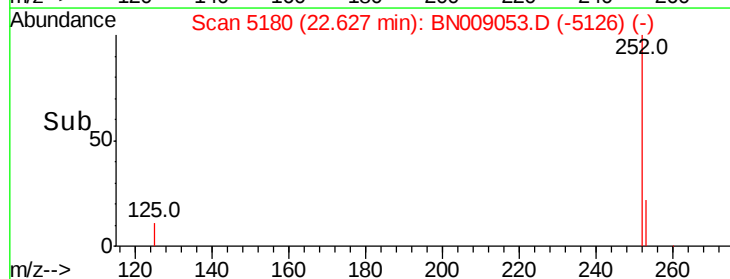
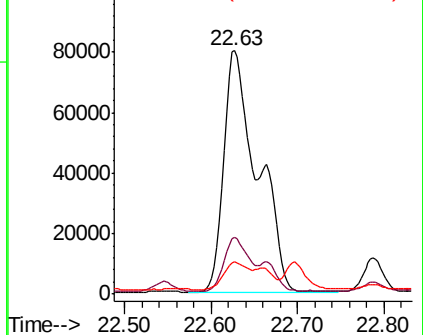
125 13.2 12.4 18.6

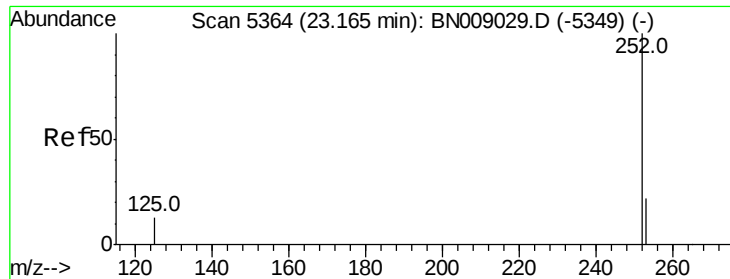


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.274 ng/ul

RT: 23.16 min Scan# 5364

Delta R.T. 0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Instrument :

BNA_N

ClientSampleId :

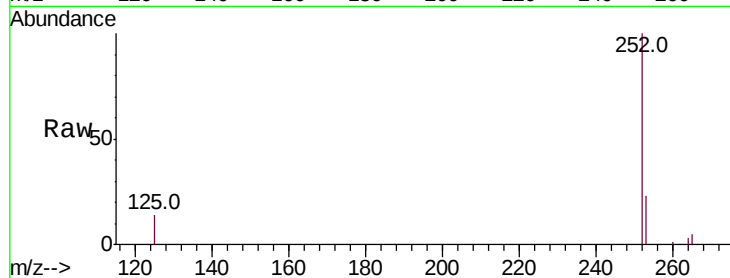
Tot Ion:252 Resp: 102191

Ion Ratio Lower Upper

252 100

253 23.4 20.2 30.4

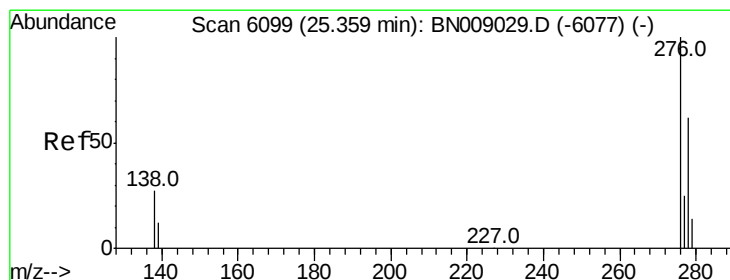
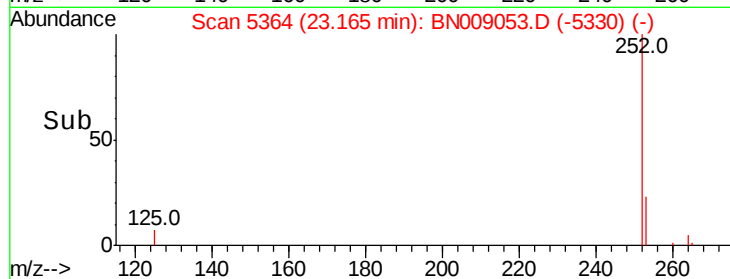
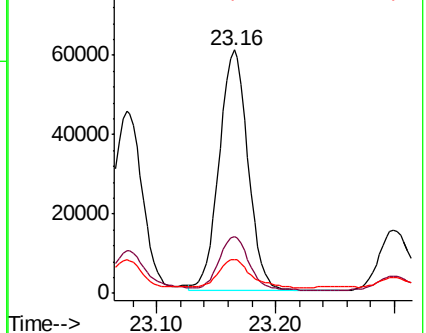
125 14.1 13.2 19.8



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: 2.224 ng/ul

RT: 25.35 min Scan# 6097

Delta R.T. -0.01 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

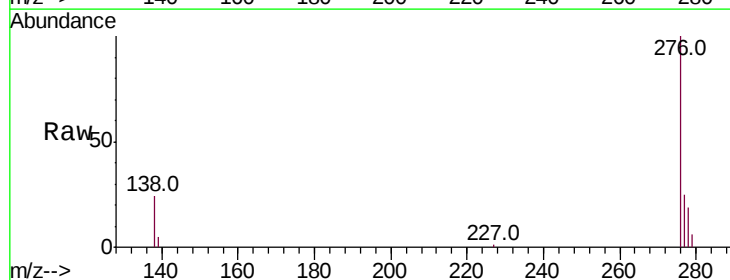
Tgt Ion:276 Resp: 75577

Ion Ratio Lower Upper

276 100

138 22.8 22.4 33.6

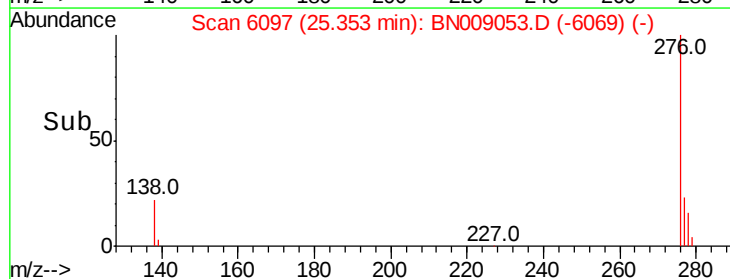
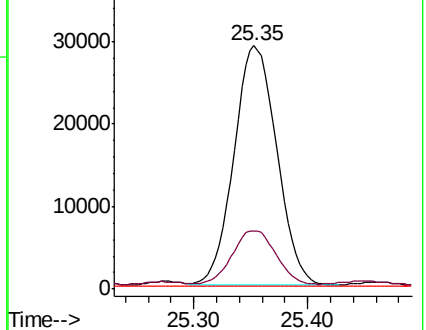
227 0.5 0.2 0.4#

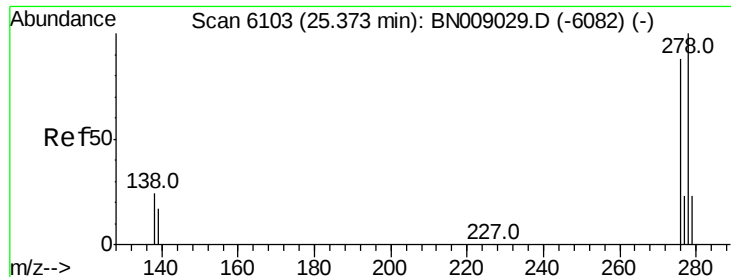


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

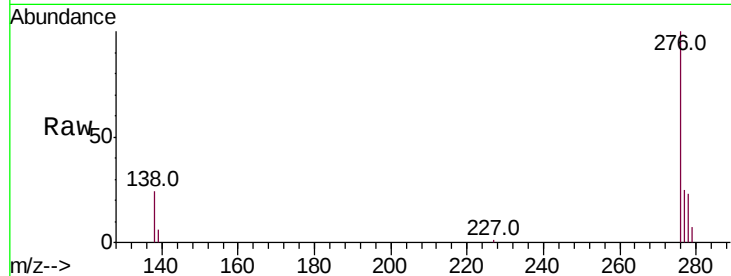




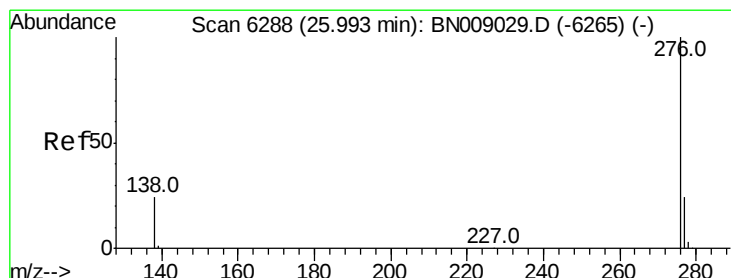
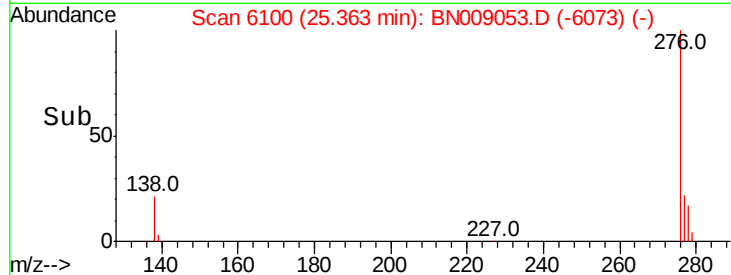
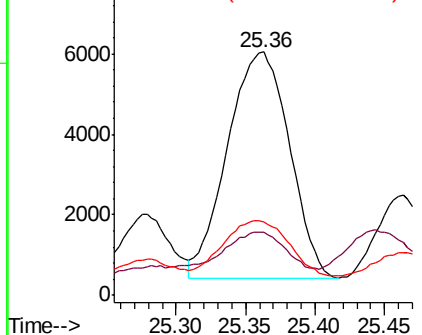
#25
Dibenzo(a,h)anthracene
Concen: 0.644 ng/ul
RT: 25.36 min Scan# 6100
Delta R.T. -0.01 min
Lab File: BN009053.D
Acq: 20 Dec 2019 05:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 17426
Ion Ratio Lower Upper
278 100
139 25.8 16.2 24.2#
279 30.2 20.3 30.5

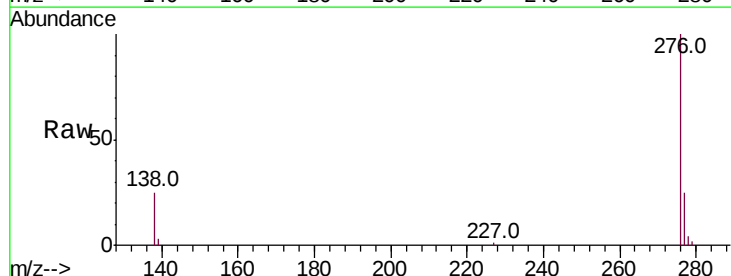


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 2.599 ng/ul
RT: 25.99 min Scan# 6288
Delta R.T. 0.00 min
Lab File: BN009053.D
Acq: 20 Dec 2019 05:34

Tgt Ion:276 Resp: 74424
Ion Ratio Lower Upper
276 100
138 24.9 20.6 30.8
277 24.6 19.6 29.4



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

