

Data File : BN008611.D
Acq On : 18 Nov 2019 19:31
Operator : JU
Sample : K5678-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM93

Quant Time: Nov 19 01:51:32 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 : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2880	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	10284	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	6414	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.00
16) Chrysene-d12	21.21	240	8686	0.40	ng/ul	0.01
20) Perylene-d12	23.40	264	9486	0.40	ng/ul	0.03

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4284	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	9122	0.00	ng/ul	0.00

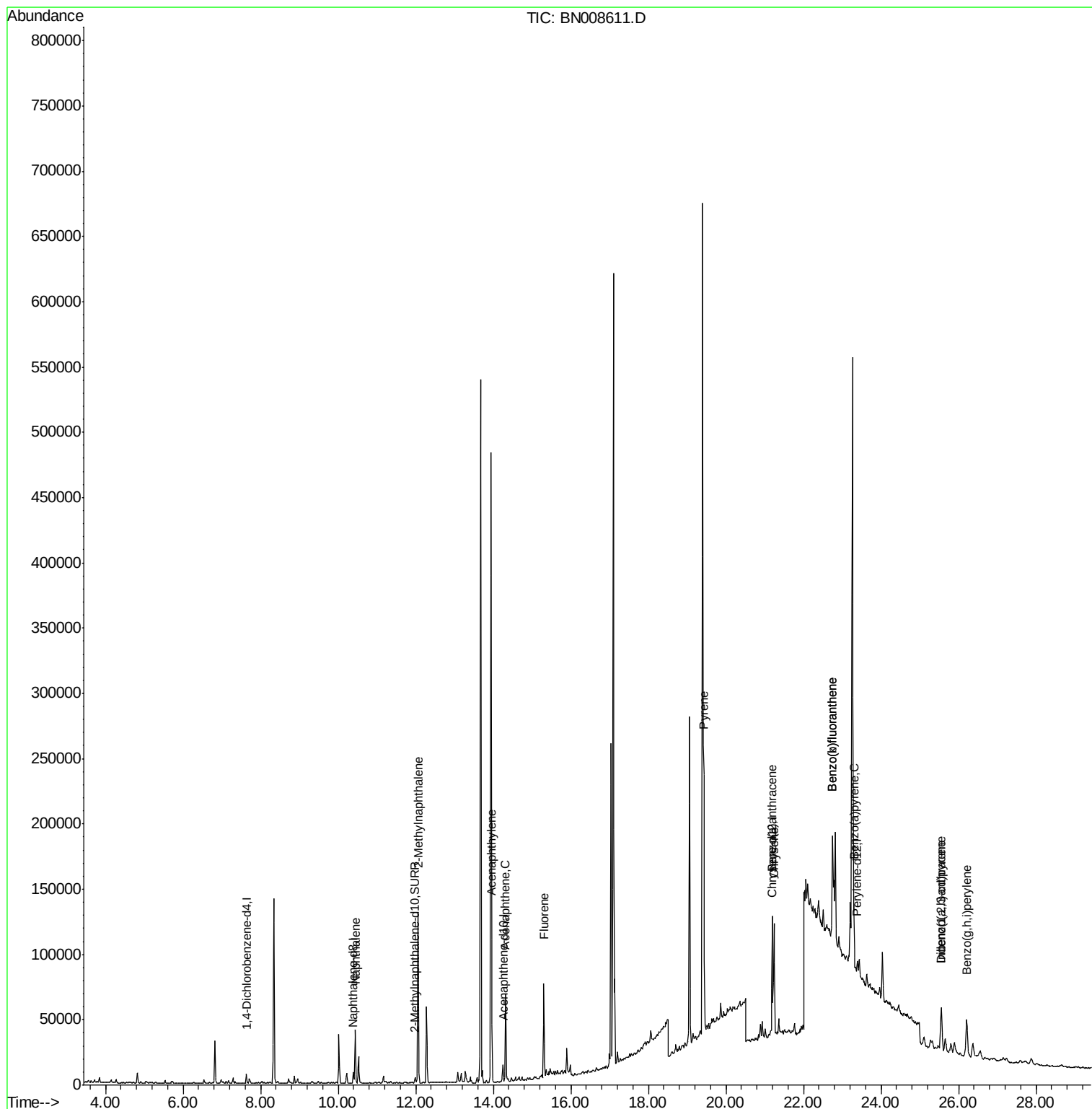
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	53869	1.738	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	88084	4.069	ng/ul	100
7) Acenaphthylene	13.97	152	4386	0.124	ng/ul#	78
8) Acenaphthene	14.32	153	37873	1.439	ng/ul	99
9) Fluorene	15.31	166	41714	1.350	ng/ul	96
17) Pyrene	19.43	202	168755	4.843	ng/ul	97
18) Benzo(a)anthracene	21.19	228	75374	2.158	ng/ul#	85
19) Chrysene	21.24	228	92902	2.708	ng/ul#	85
21) Benzo(b)fluoranthene	22.75	252	154158	3.941	ng/ul#	1
22) Benzo(k)fluoranthene	22.75	252	154199	3.975	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	67417	1.836	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.55	276	50323	1.172	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.56	278	13902	0.401	ng/ul#	1
26) Benzo(g,h,i)perylene	26.21	276	55892	1.556	ng/ul#	77

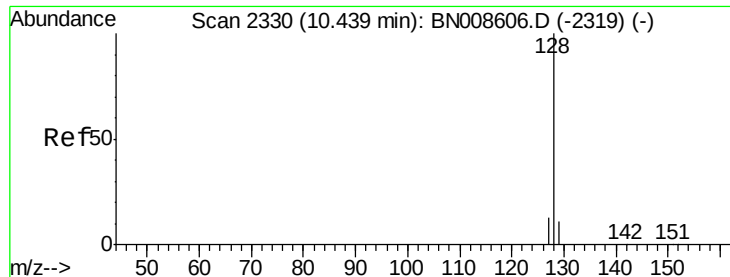
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.738 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

Instrument :

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ClientSampleId :

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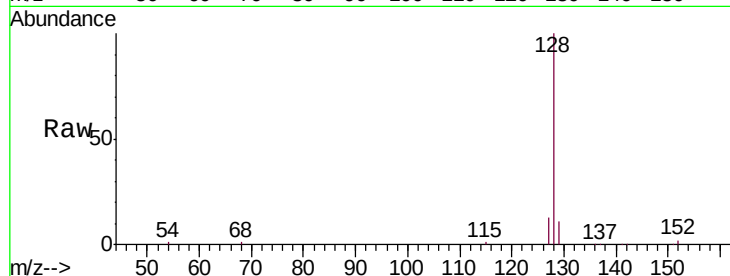
Tgt Ion:128 Resp: 53869

Ion Ratio Lower Upper

128 100

129 11.3 9.7 14.5

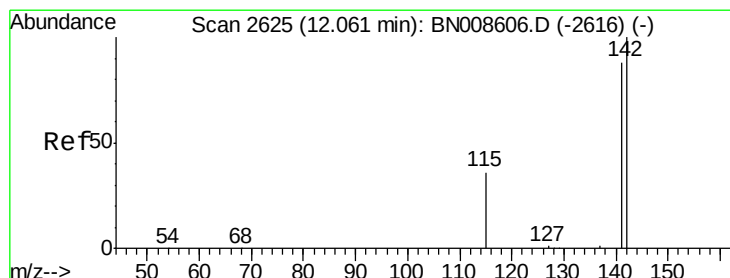
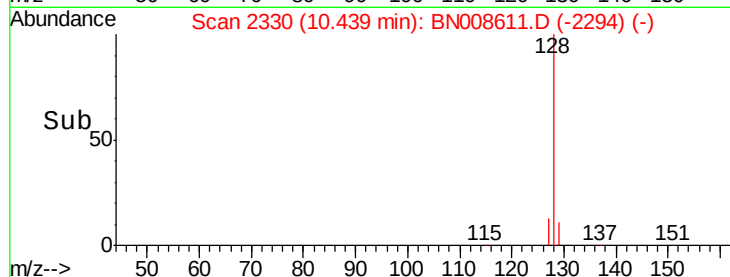
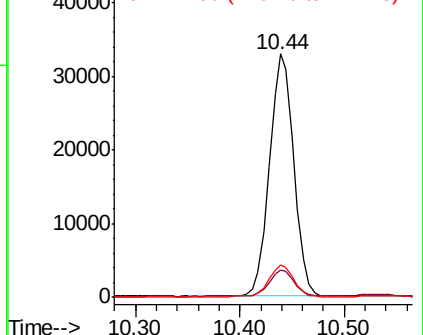
127 13.1 10.8 16.2



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: 4.069 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BN008611.D

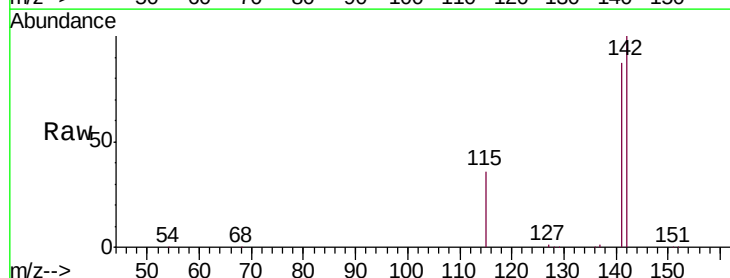
Acq: 18 Nov 2019 19:31

Tgt Ion:142 Resp: 88084

Ion Ratio Lower Upper

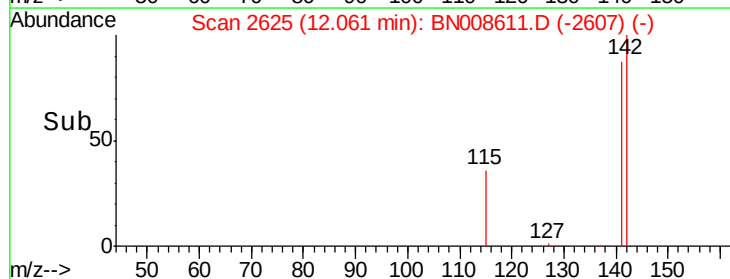
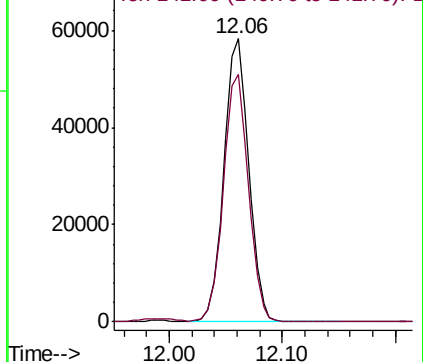
142 100

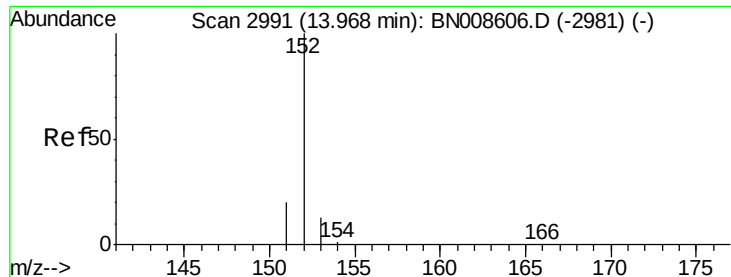
141 88.1 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.124 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

Instrument :

BNA_N

ClientSampleId :

JLM93

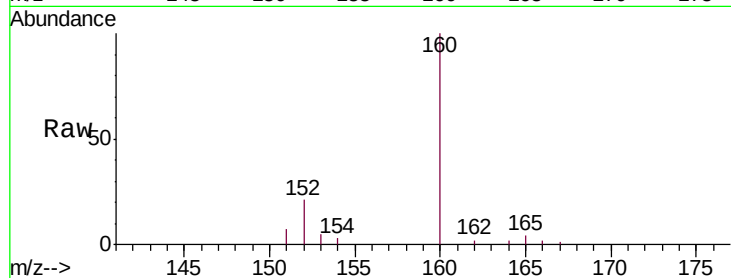
Tgt Ion:152 Resp: 4386

Ion Ratio Lower Upper

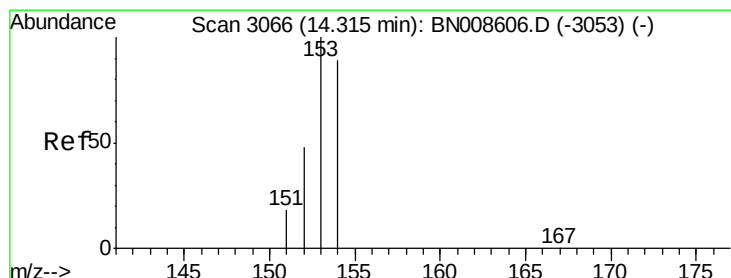
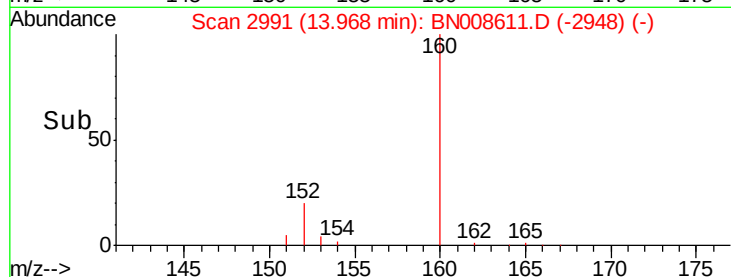
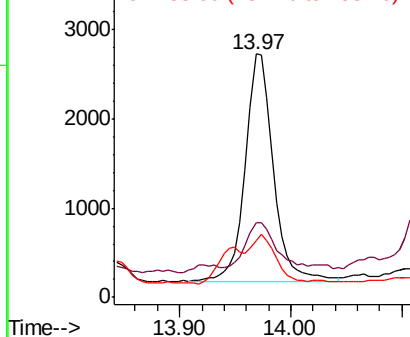
152 100

151 30.8 16.6 24.8#

153 23.4 11.1 16.7#



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: 1.439 ng/ul

RT: 14.32 min Scan# 3066

Delta R.T. -0.00 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

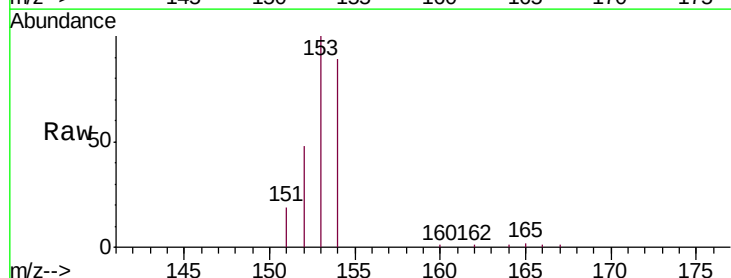
Tgt Ion:153 Resp: 37873

Ion Ratio Lower Upper

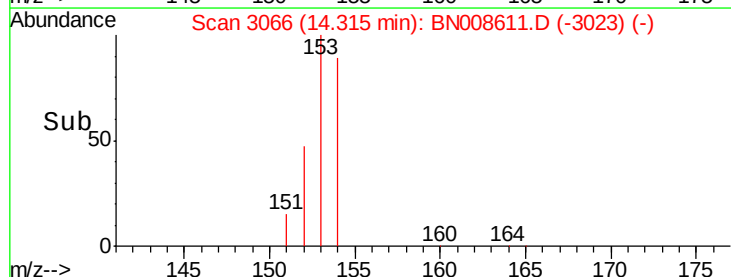
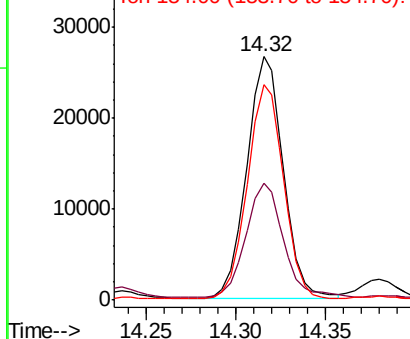
153 100

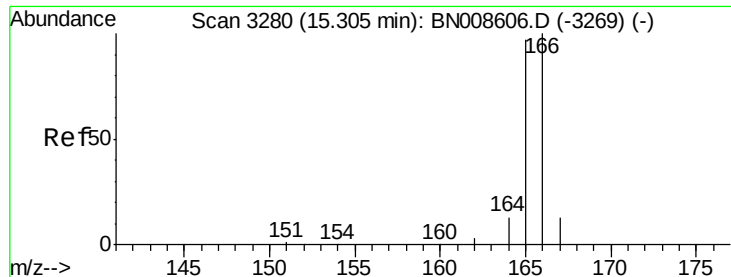
152 48.0 39.6 59.4

154 88.6 70.6 106.0



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

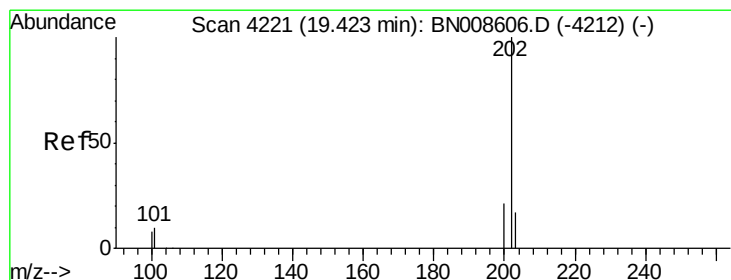
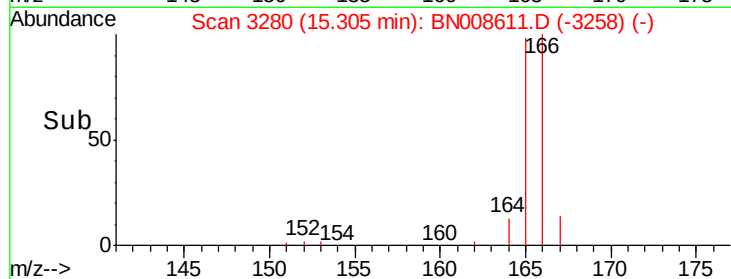
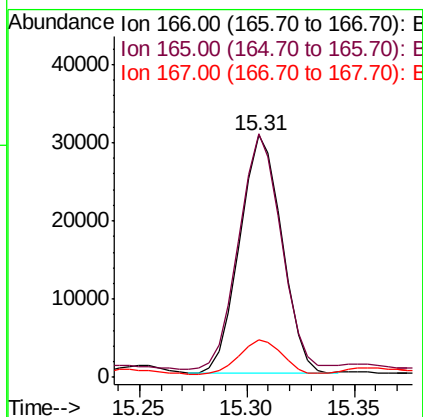
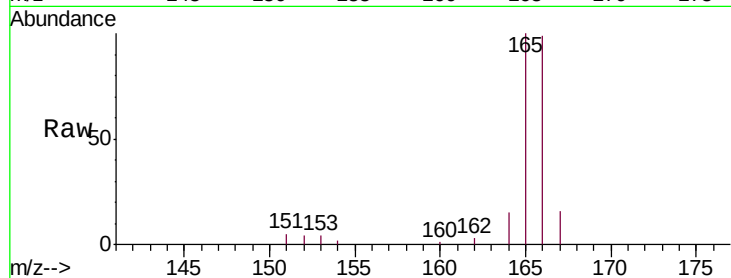




#9
Fluorene
 Concen: 1.350 ng/ul
 RT: 15.31 min Scan# 3280
 Delta R.T. -0.00 min
 Lab File: BN008611.D
 Acq: 18 Nov 2019 19:31

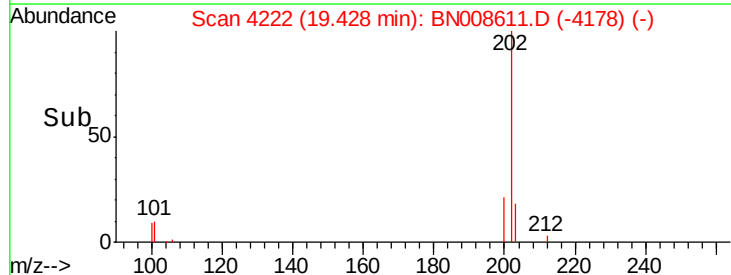
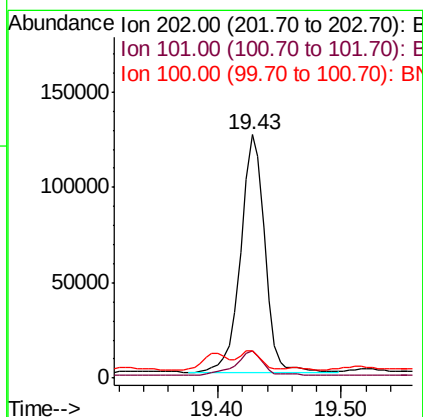
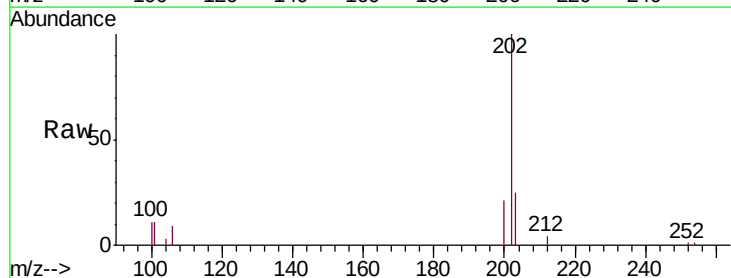
Instrument :
 BNA_N
 ClientSampleId :
 JLM93

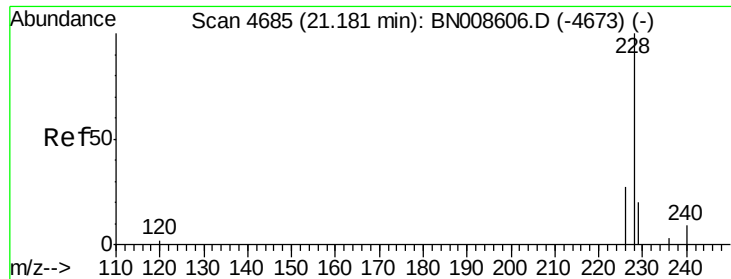
Tgt Ion:166 Resp: 41714
 Ion Ratio Lower Upper
 166 100
 165 100.6 77.4 116.0
 167 15.7 11.4 17.0



#17
Pyrene
 Concen: 4.843 ng/ul
 RT: 19.43 min Scan# 4222
 Delta R.T. 0.00 min
 Lab File: BN008611.D
 Acq: 18 Nov 2019 19:31

Tgt Ion:202 Resp: 168755
 Ion Ratio Lower Upper
 202 100
 101 11.1 10.2 15.2
 100 11.2 8.2 12.2





#18

Benzo(a)anthracene

Concen: 2.158 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. 0.01 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

Instrument :

BNA_N

ClientSampleId :

JLM93

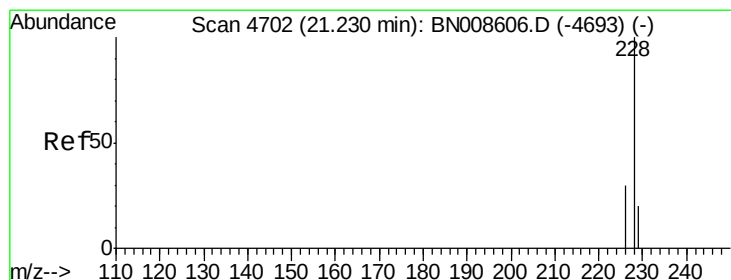
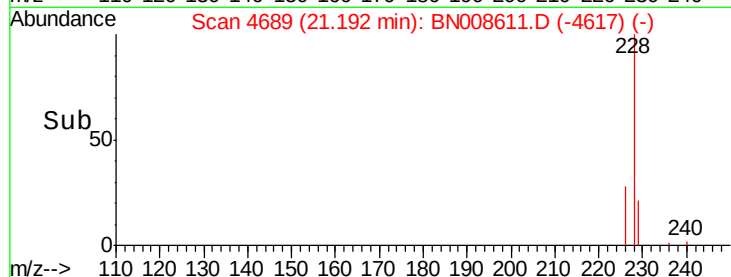
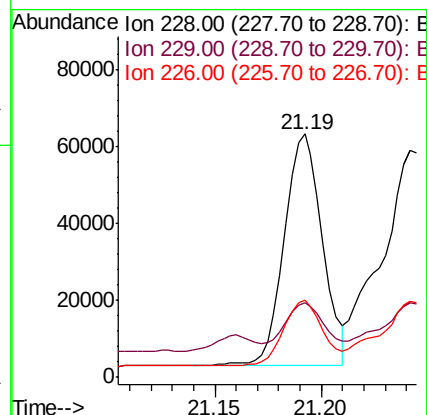
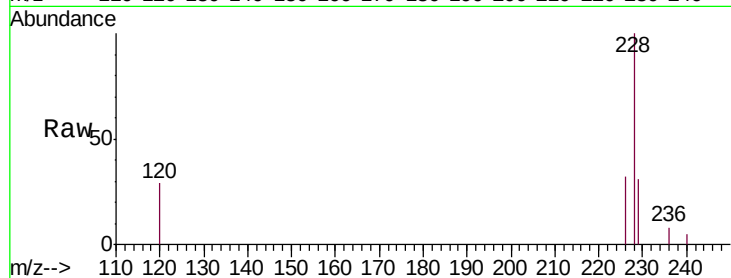
Tgt Ion:228 Resp: 75374

Ion Ratio Lower Upper

228 100

229 30.6 15.8 23.6#

226 31.8 21.6 32.4



#19

Chrysene

Concen: 2.708 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. 0.01 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

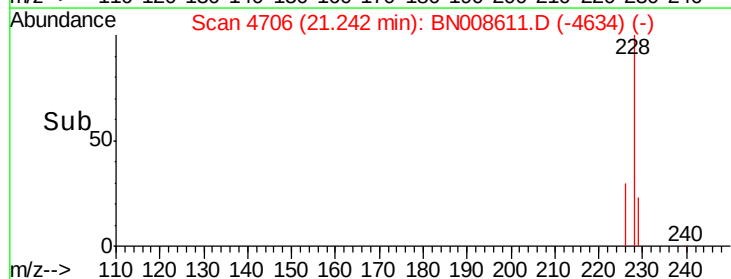
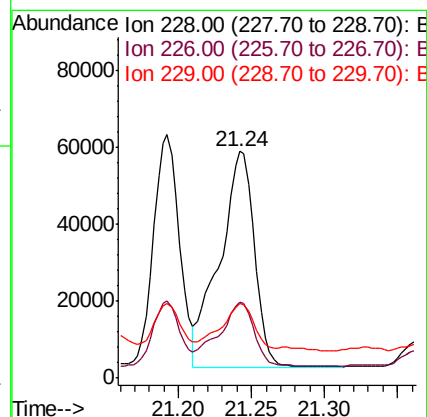
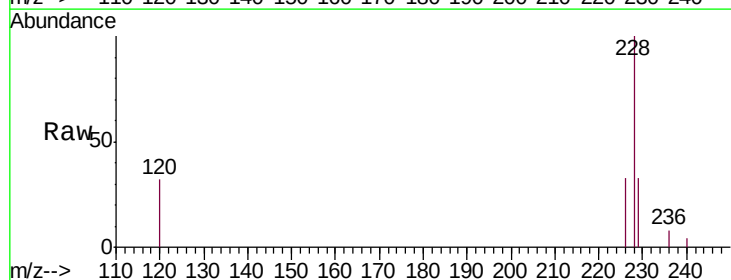
Tgt Ion:228 Resp: 92902

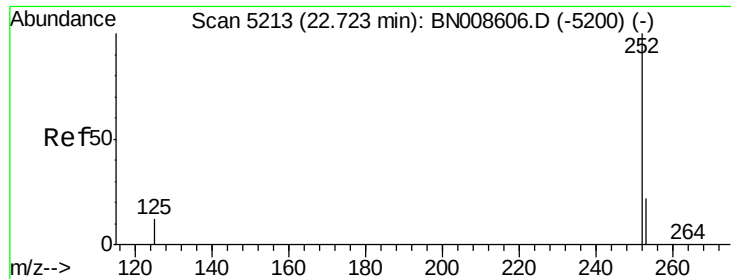
Ion Ratio Lower Upper

228 100

226 33.4 24.5 36.7

229 32.7 15.5 23.3#





#21

Benzo(b)fluoranthene

Concen: 3.941 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. 0.03 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

Instrument :

BNA_N

ClientSampleId :

JLM93

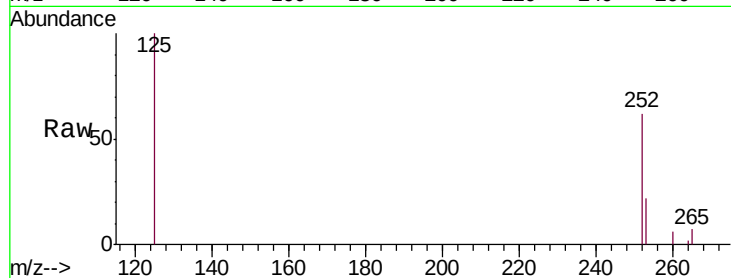
Tgt Ion:252 Resp: 154158

Ion Ratio Lower Upper

252 100

253 35.0 0.0 50.2

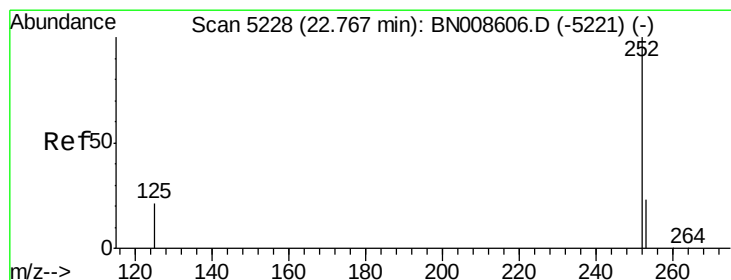
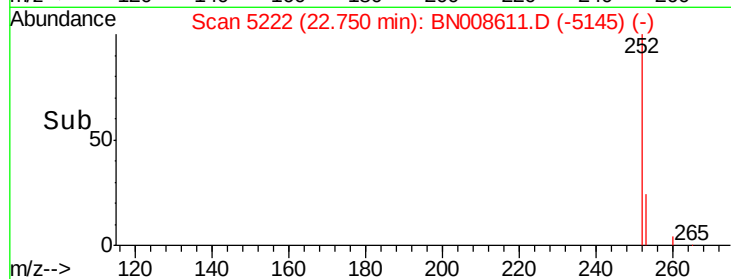
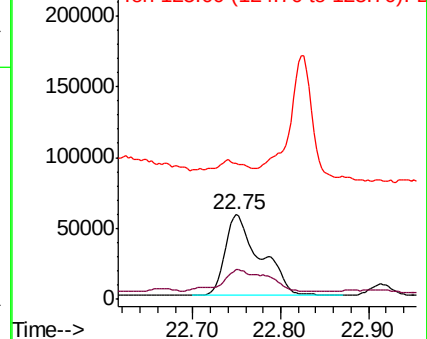
125 162.0 0.0 30.0#



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: 3.975 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. -0.02 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

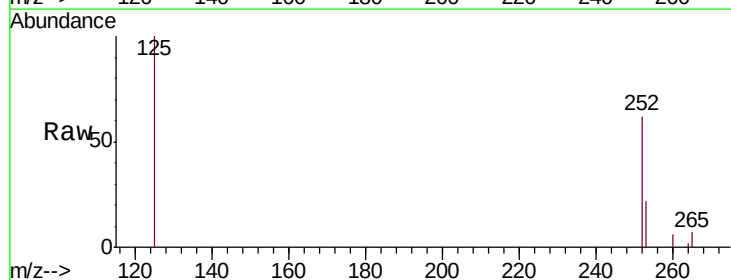
Tgt Ion:252 Resp: 154199

Ion Ratio Lower Upper

252 100

253 35.0 20.5 30.7#

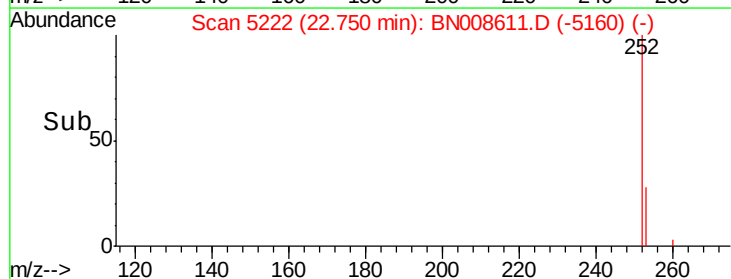
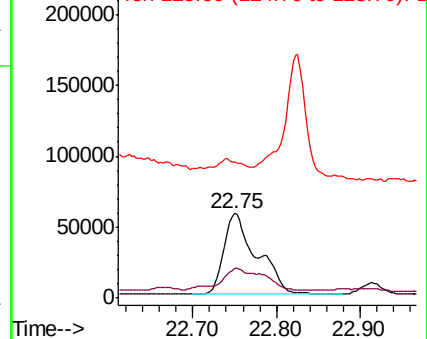
125 162.0 15.0 22.4#

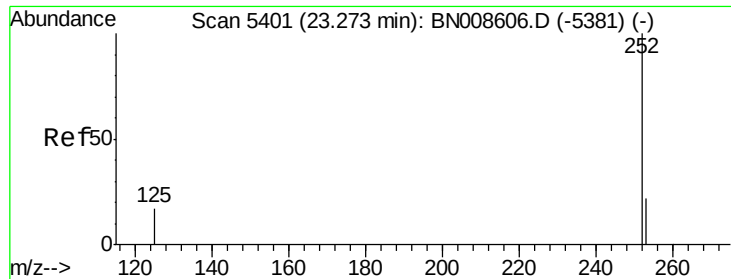


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.836 ng/ul

RT: 23.30 min Scan# 5411

Delta R.T. 0.03 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

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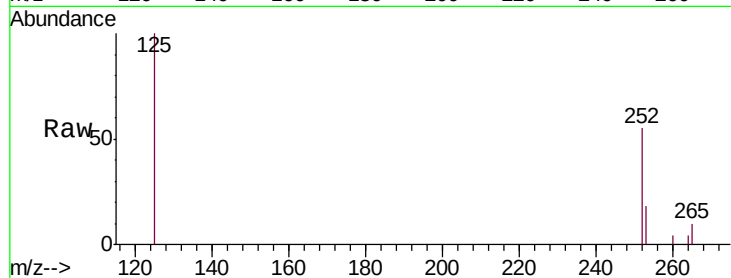
Tgt Ion: 252 Resp: 67417

Ion Ratio Lower Upper

252 100

253 31.9 21.4 32.2

125 180.3 13.8 20.8#

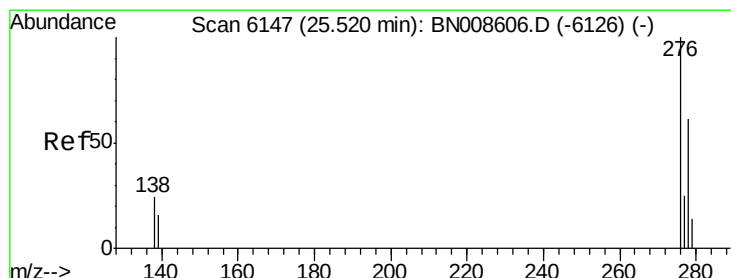
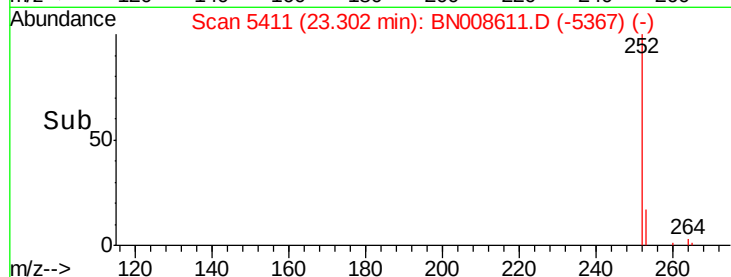
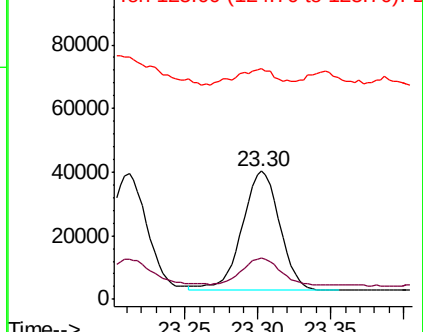


Abundance

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: 1.172 ng/ul

RT: 25.55 min Scan# 6157

Delta R.T. 0.03 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

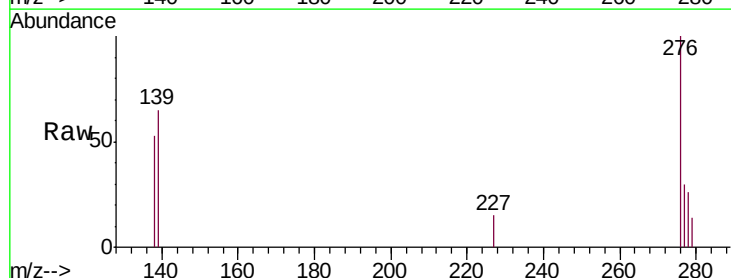
Tgt Ion: 276 Resp: 50323

Ion Ratio Lower Upper

276 100

138 23.7 21.7 32.5

227 3.5 0.2 0.2#

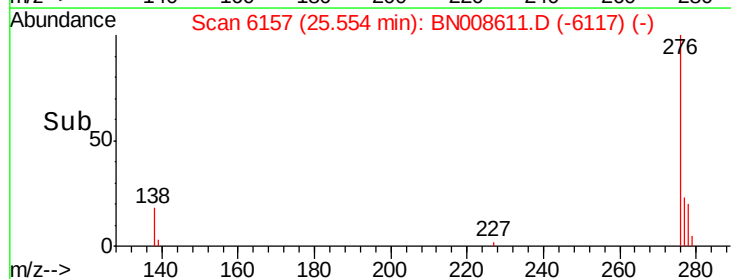
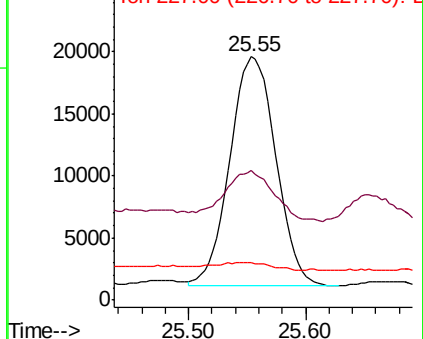


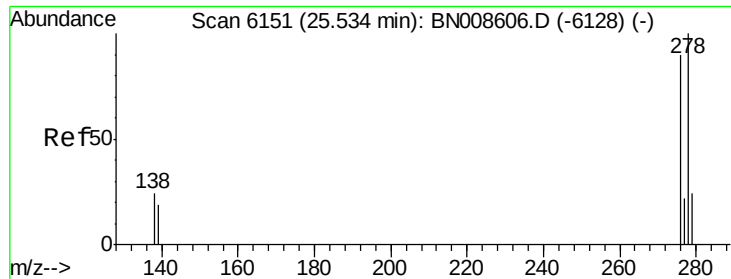
Abundance

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



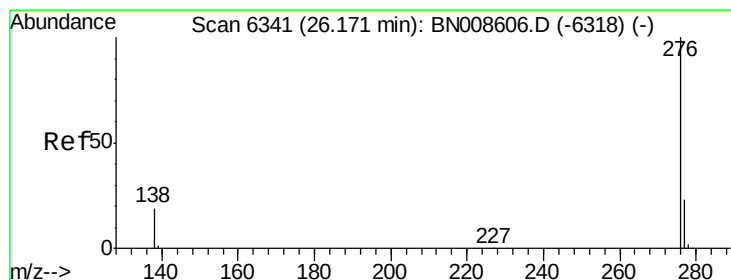
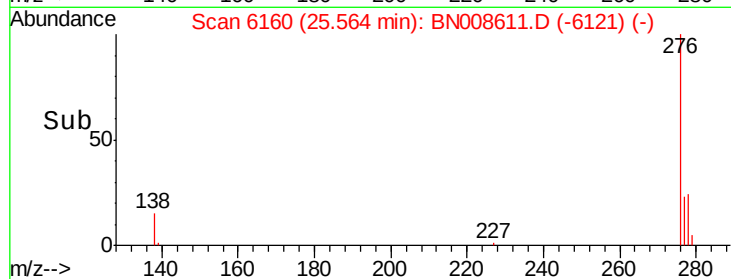
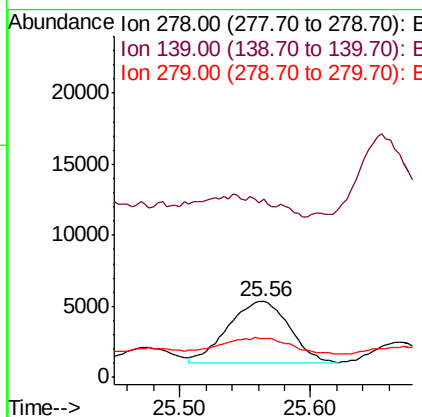
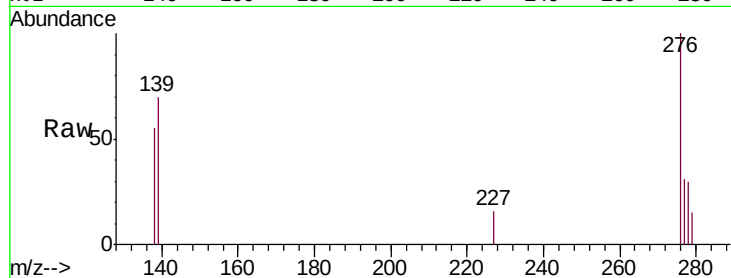


#25
Dibenzo(a,h)anthracene
Concen: 0.401 ng/ul
RT: 25.56 min Scan# 6160
Delta R.T. 0.03 min
Lab File: BN008611.D
Acq: 18 Nov 2019 19:31

Instrument :
BNA_N
ClientSampleId :
JLM93

Tgt Ion: 278 Resp: 13902

Ion	Ratio	Lower	Upper
278	100		
139	234.8	18.7	28.1#
279	51.2	20.8	31.2#



#26
Benzo(g,h,i)perylene
Concen: 1.556 ng/ul
RT: 26.21 min Scan# 6353
Delta R.T. 0.04 min
Lab File: BN008611.D
Acq: 18 Nov 2019 19:31

Tgt Ion: 276 Resp: 55892

Ion	Ratio	Lower	Upper
276	100		
138	43.7	20.0	30.0#
277	29.2	20.0	30.0

