

Data File : BN008451.D
Acq On : 05 Nov 2019 17:37
Operator : JU
Sample : K5567-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNB8

Quant Time: Nov 06 00:59:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 00:56:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1401	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	6090	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	3575	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.95
16) Chrysene-d12	21.16	240	5738	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	7053	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	2858	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	8505	0.00	ng/ul	0.00

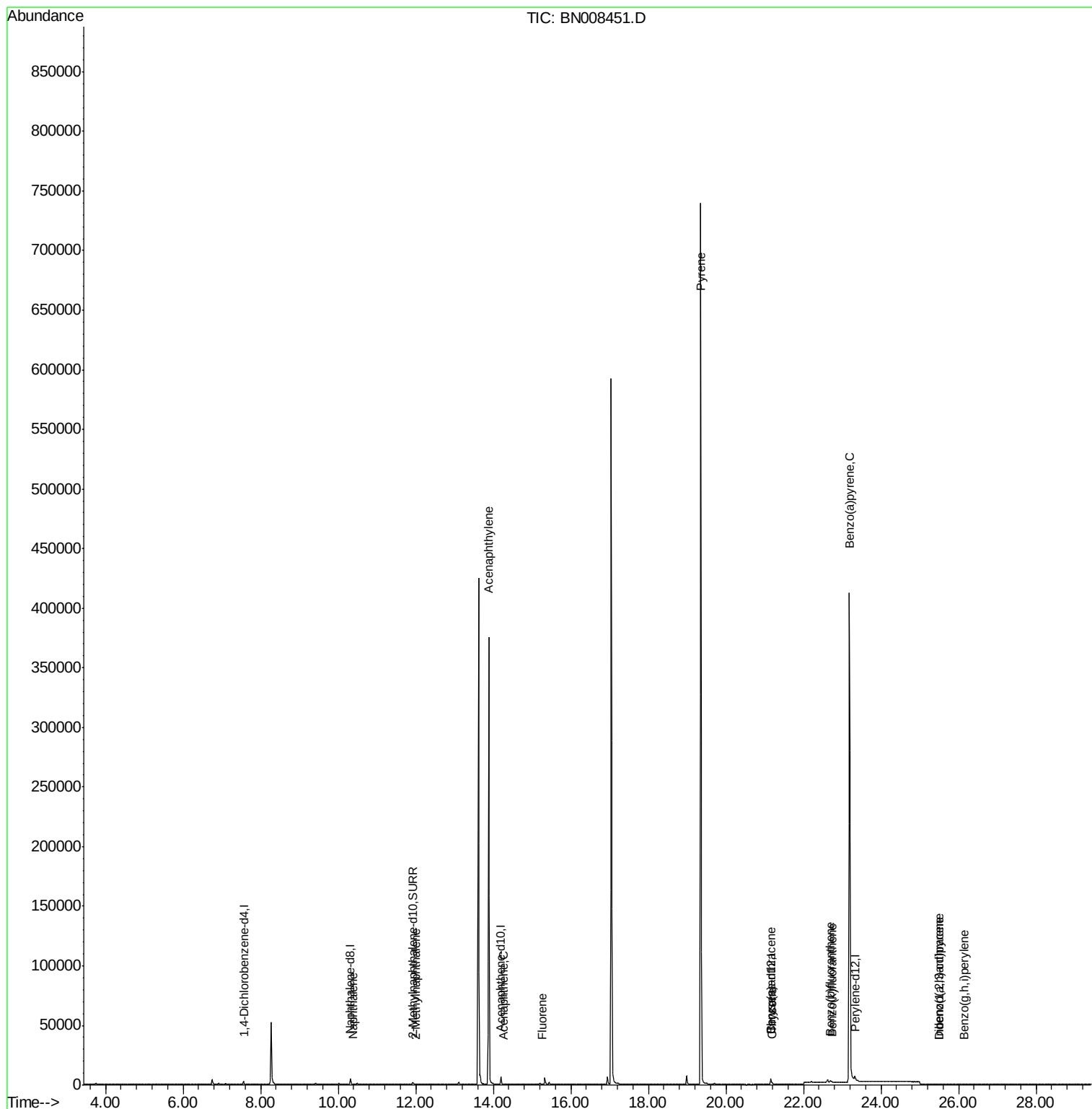
Target Compounds						Qvalue
3) Naphthalene	10.37	128	285	0.016	ng/ul#	50
5) 2-Methylnaphthalene	12.01	142	106	0.024	ng/ul	95
7) Acenaphthylene	13.89	152	65	0.035	ng/ul#	1
8) Acenaphthene	14.26	153	53	0.021	ng/ul#	72
9) Fluorene	15.25	166	110	0.037	ng/ul#	83
17) Pyrene	19.35	202	1660	0.049	ng/ul#	1
18) Benzo(a)anthracene	21.15	228	389	0.045	ng/ul#	71
19) Chrysene	21.20	228	505	0.002	ng/ul#	71
21) Benzo(b)fluoranthene	22.68	252	462	0.040	ng/ul#	1
22) Benzo(k)fluoranthene	22.73	252	420	0.031	ng/ul#	1
23) Benzo(a)pyrene	23.18	252	1788	0.073	ng/ul#	69
24) Indeno(1,2,3-cd)pyrene	25.48	276	409	0.017	ng/ul#	52
25) Dibenzo(a,h)anthracene	25.50	278	313	0.022	ng/ul#	1
26) Benzo(g,h,i)perylene	26.13	276	332	0.007	ng/ul#	12

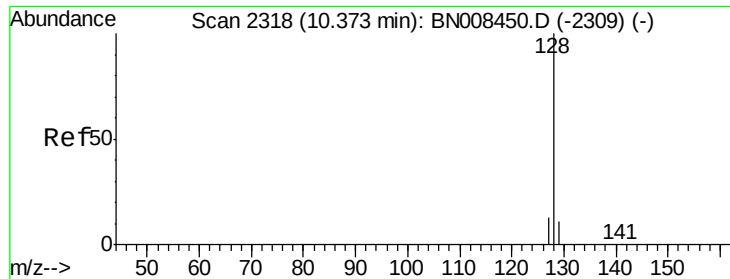
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.016 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN008451.D

Acq: 05 Nov 2019 17:37

Instrument :

BNA_N

ClientSampleId :

JLNB8

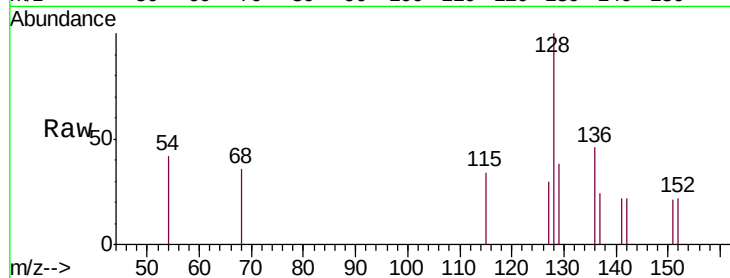
Tgt Ion:128 Resp: 285

Ion Ratio Lower Upper

128 100

129 37.6 10.2 15.2#

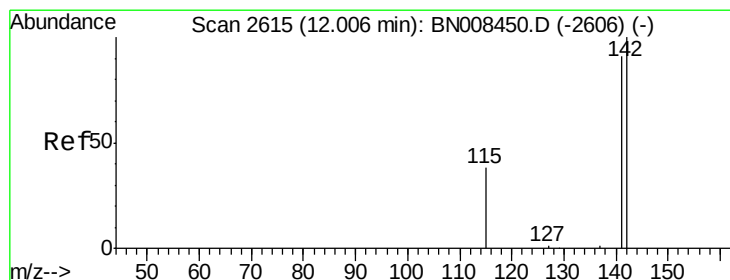
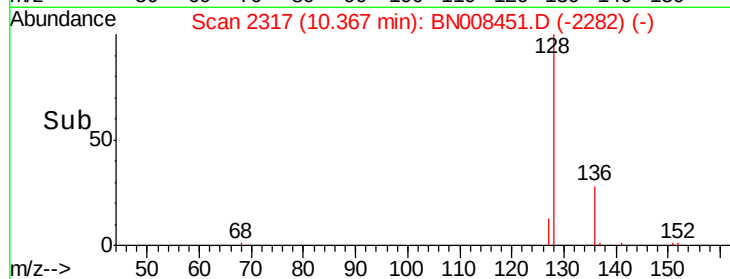
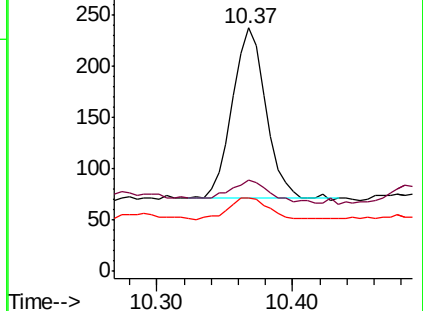
127 30.4 11.4 17.2#



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: 0.024 ng/ul

RT: 12.01 min Scan# 2615

Delta R.T. -0.00 min

Lab File: BN008451.D

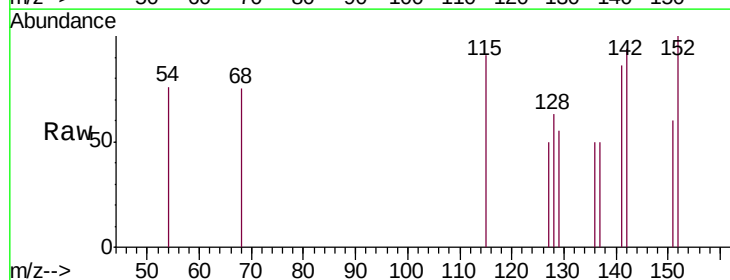
Acq: 05 Nov 2019 17:37

Tgt Ion:142 Resp: 106

Ion Ratio Lower Upper

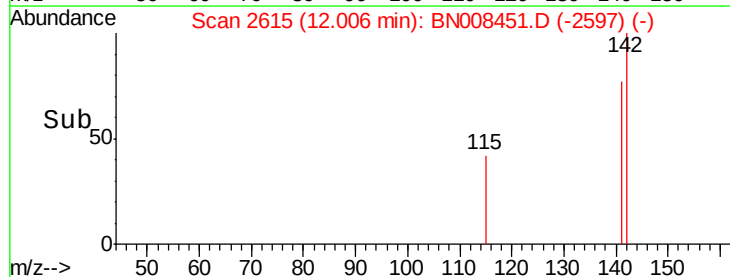
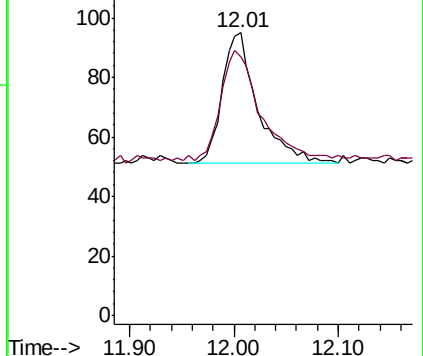
142 100

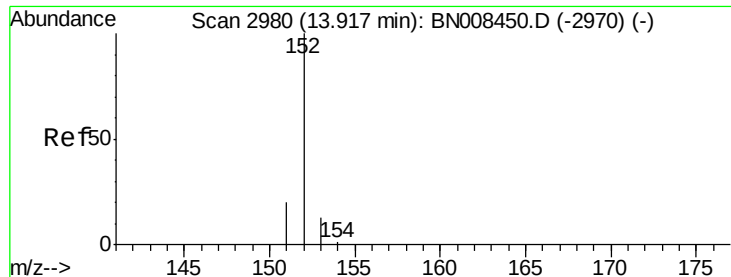
141 95.3 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 13.89 min Scan# 2973

Delta R.T. -0.03 min

Lab File: BN008451.D

Acq: 05 Nov 2019 17:37

Instrument :

BNA_N

ClientSampleId :

JLNB8

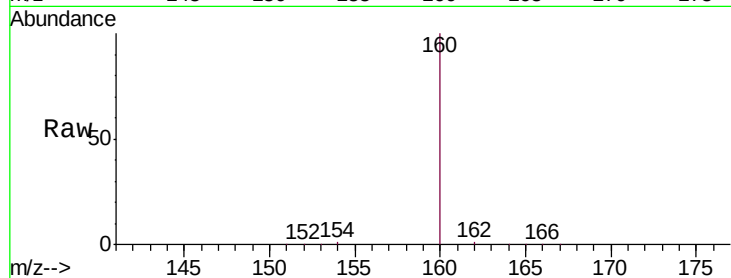
Tgt Ion:152 Resp: 65

Ion Ratio Lower Upper

152 100

151 72.2 16.6 25.0#

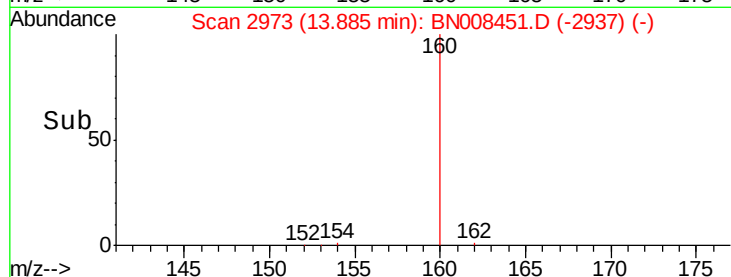
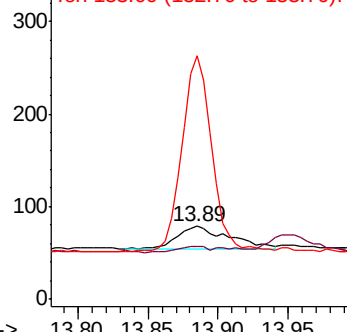
153 332.9 11.4 17.0#



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: 0.021 ng/ul

RT: 14.26 min Scan# 3054

Delta R.T. 0.00 min

Lab File: BN008451.D

Acq: 05 Nov 2019 17:37

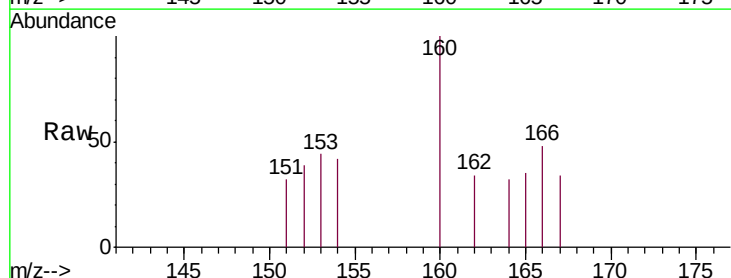
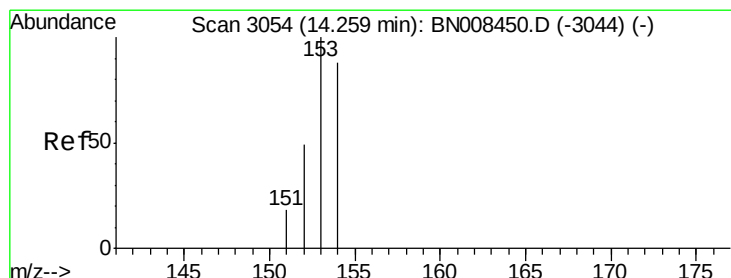
Tgt Ion:153 Resp: 53

Ion Ratio Lower Upper

153 100

152 88.9 40.2 60.2#

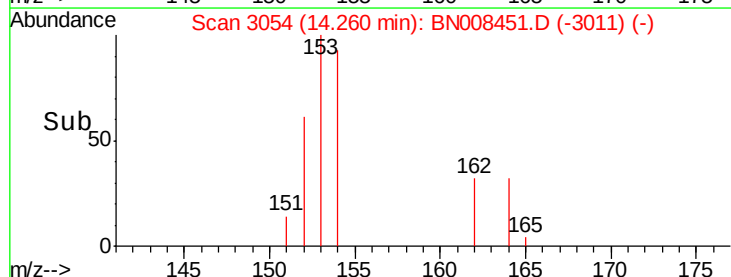
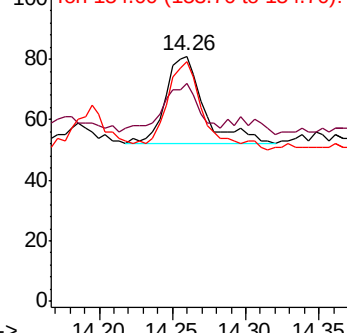
154 97.5 69.1 103.7

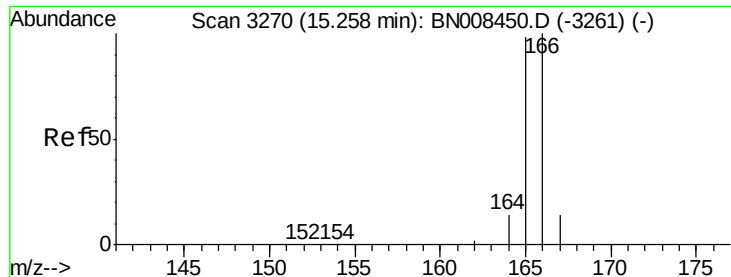


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.037 ng/ul

RT: 15.25 min Scan# 3268

Delta R.T. -0.01 min

Lab File: BN008451.D

Acq: 05 Nov 2019 17:37

Instrument :

BNA_N

ClientSampled :

JLNB8

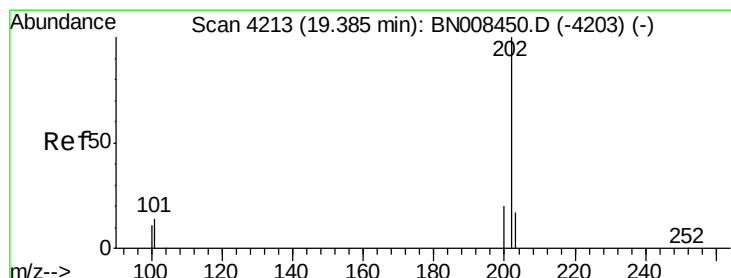
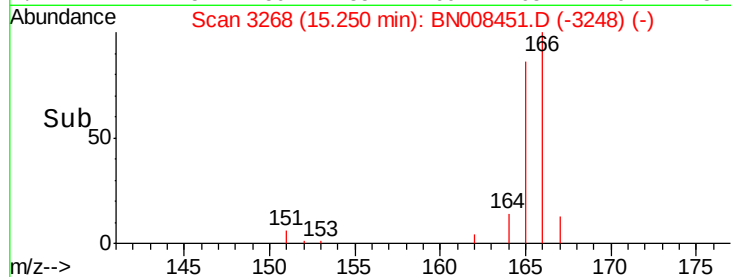
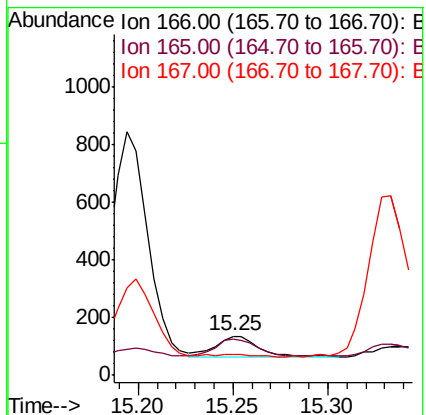
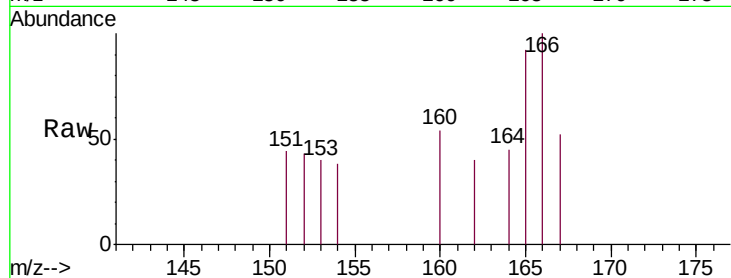
Tgt Ion:166 Resp: 110

Ion Ratio Lower Upper

166 100

165 91.9 78.5 117.7

167 52.2 12.4 18.6#



#17

Pyrene

Concen: 0.049 ng/ul

RT: 19.35 min Scan# 4206

Delta R.T. -0.03 min

Lab File: BN008451.D

Acq: 05 Nov 2019 17:37

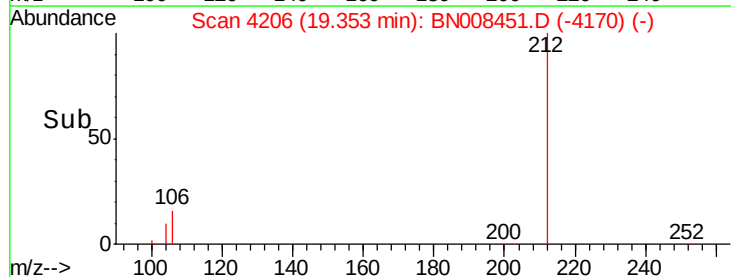
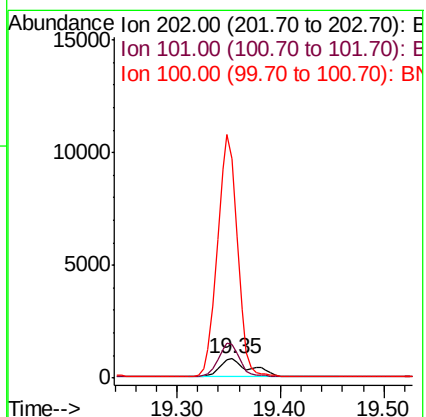
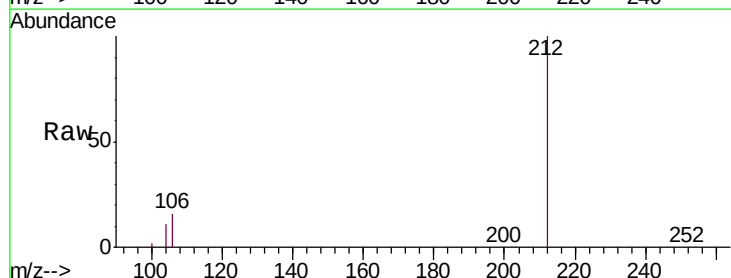
Tgt Ion:202 Resp: 1660

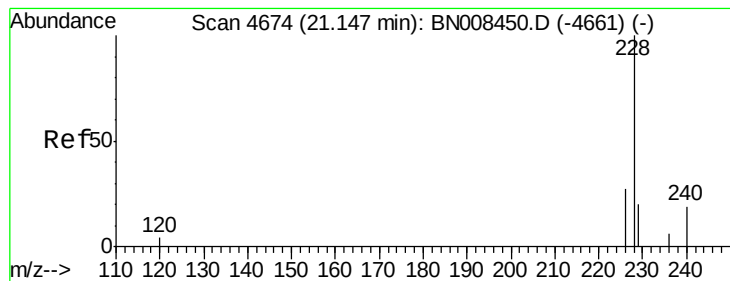
Ion Ratio Lower Upper

202 100

101 174.5 11.6 17.4#

100 1129.5 9.4 14.0#





#18

Benzo(a)anthracene

Concen: 0.045 ng/ul

RT: 21.15 min Scan# 4674

Delta R.T. 0.00 min

Lab File: BN008451.D

Acq: 05 Nov 2019 17:37

Instrument :

BNA_N

ClientSampleId :

JLNB8

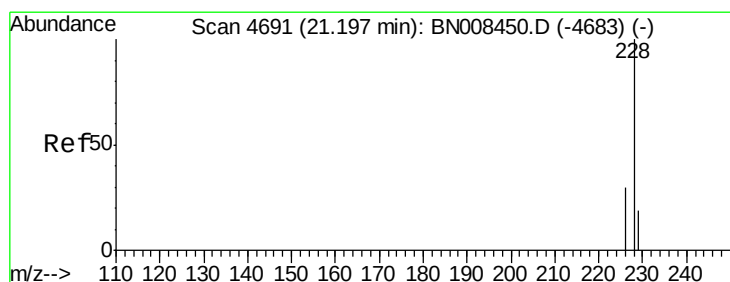
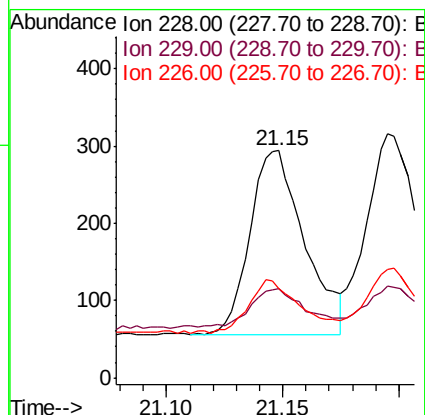
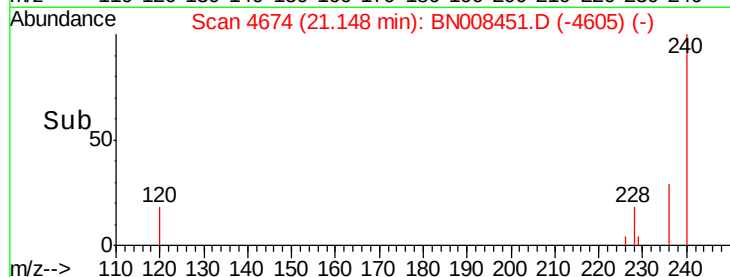
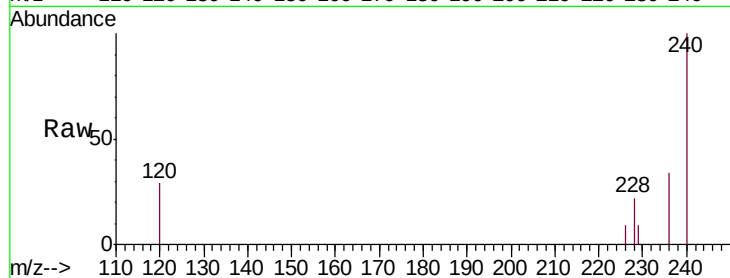
Tgt Ion:228 Resp: 389

Ion Ratio Lower Upper

228 100

229 39.1 16.8 25.2#

226 39.1 22.1 33.1#



#19

Chrysene

Concen: 0.002 ng/ul

RT: 21.20 min Scan# 4690

Delta R.T. -0.00 min

Lab File: BN008451.D

Acq: 05 Nov 2019 17:37

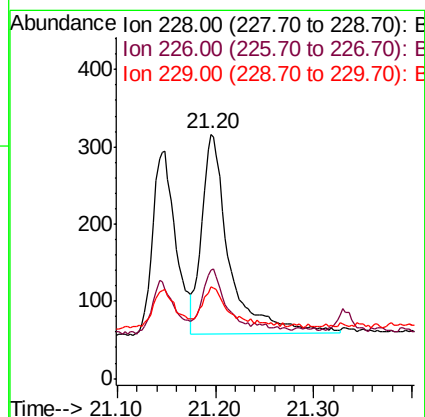
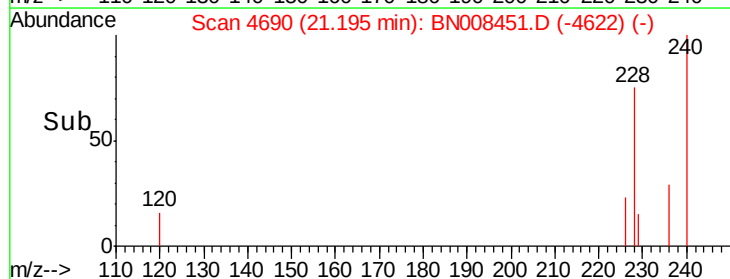
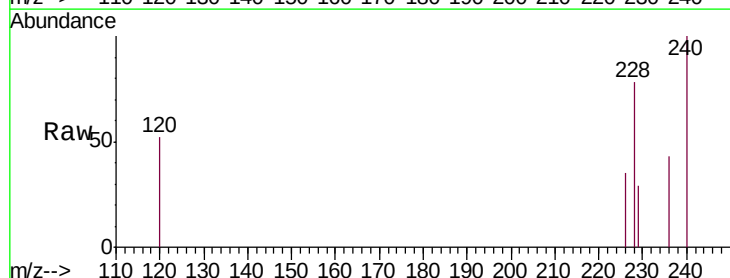
Tgt Ion:228 Resp: 505

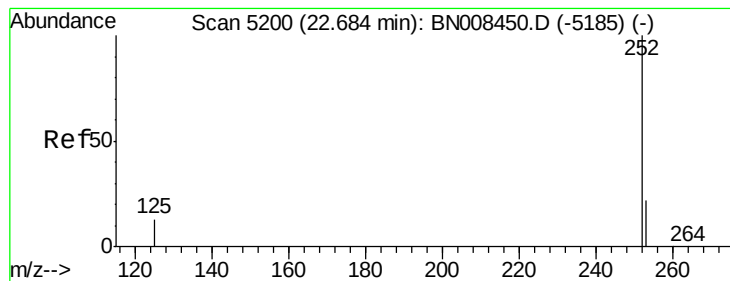
Ion Ratio Lower Upper

228 100

226 44.6 24.6 37.0#

229 37.3 16.6 24.8#





#21

Benzo(b)fluoranthene

Concen: 0.040 ng/ul

RT: 22.68 min Scan# 5199

Delta R.T. -0.00 min

Lab File: BN008451.D

Acq: 05 Nov 2019 17:37

Instrument :

BNA_N

ClientSampleId :

JLNB8

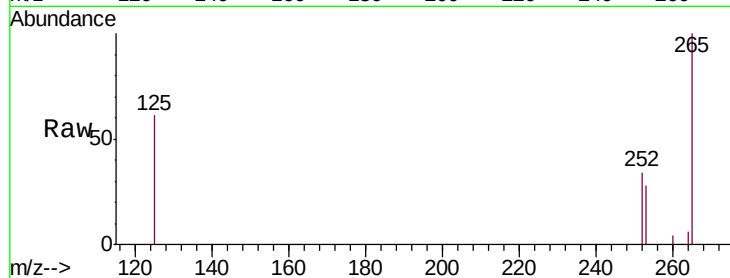
Tgt Ion:252 Resp: 462

Ion Ratio Lower Upper

252 100

253 84.2 0.0 59.6#

125 181.5 0.0 40.0#

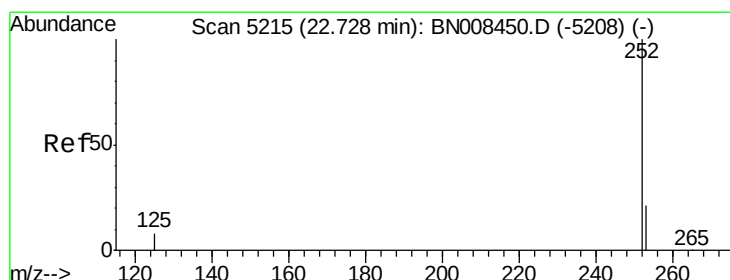
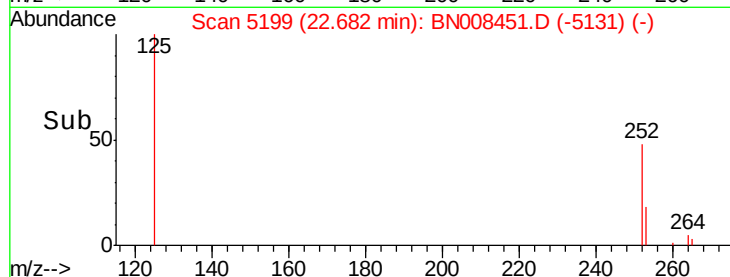
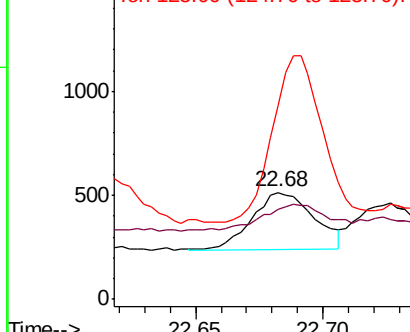


Abundance

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: 0.031 ng/ul

RT: 22.73 min Scan# 5214

Delta R.T. -0.00 min

Lab File: BN008451.D

Acq: 05 Nov 2019 17:37

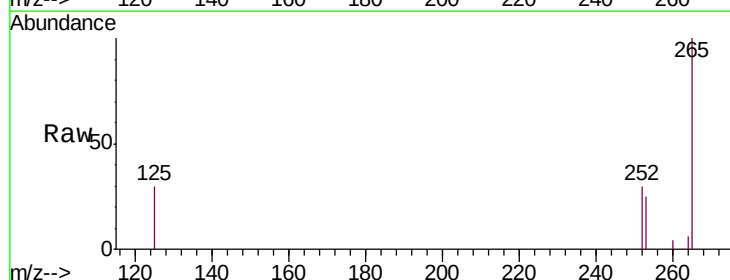
Tgt Ion:252 Resp: 420

Ion Ratio Lower Upper

252 100

253 82.4 24.3 36.5#

125 98.1 15.8 23.8#

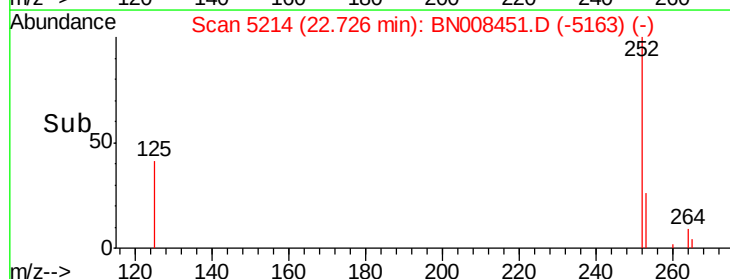
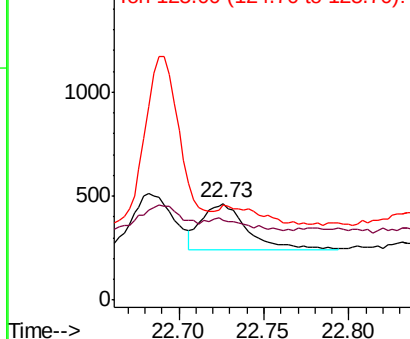


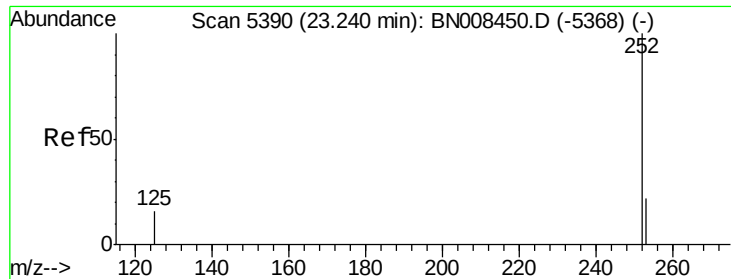
Abundance

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





#23

Benzo(a)pyrene

Concen: 0.073 ng/ul

RT: 23.18 min Scan# 5370

Delta R.T. -0.06 min

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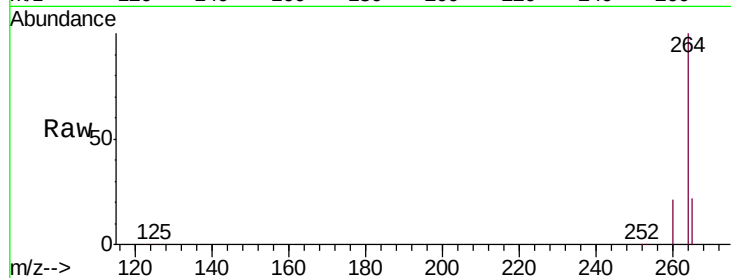
Tgt Ion: 252 Resp: 1788

Ion Ratio Lower Upper

252 100

253 47.7 26.7 40.1#

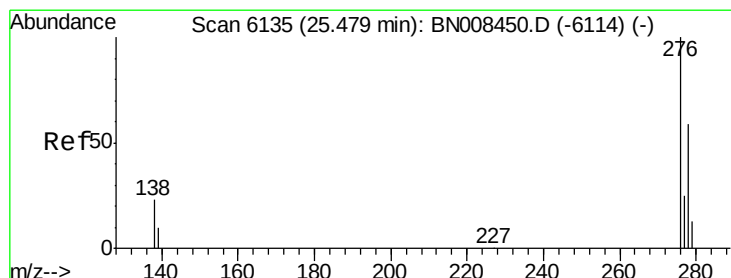
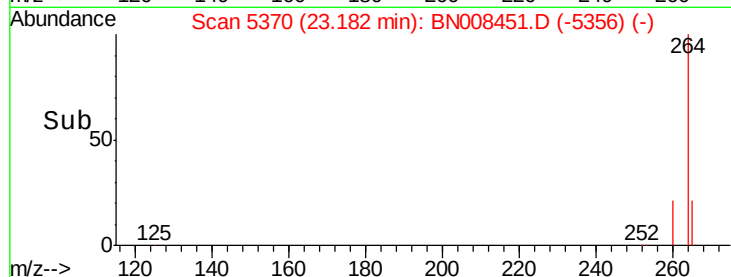
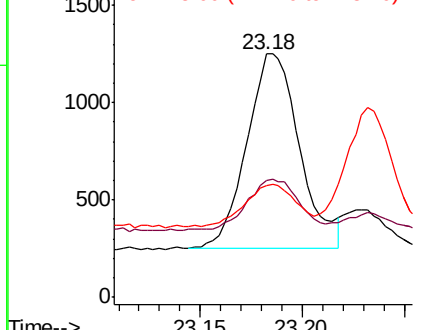
125 45.7 20.6 30.8#



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: 0.017 ng/ul

RT: 25.48 min Scan# 6136

Delta R.T. 0.00 min

Lab File: BN008451.D

Acq: 05 Nov 2019 17:37

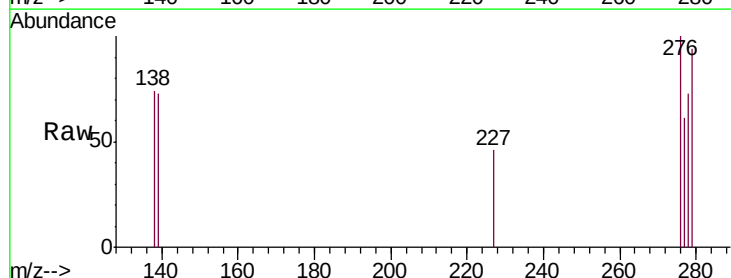
Tgt Ion: 276 Resp: 409

Ion Ratio Lower Upper

276 100

138 0.0 19.4 29.0#

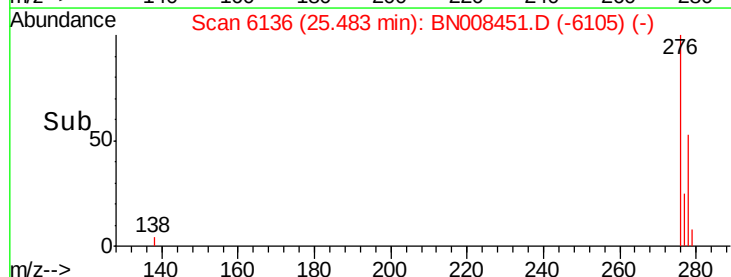
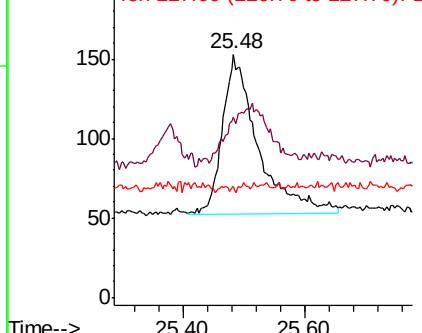
227 0.2 0.2 0.2#

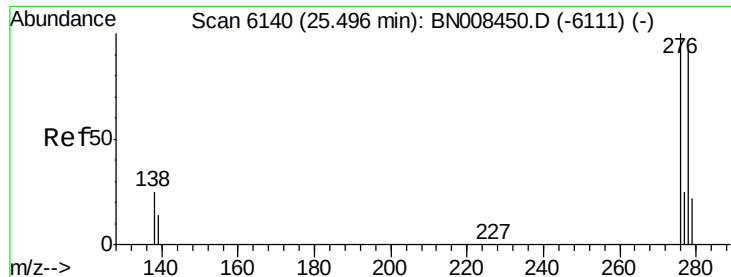


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.022 ng/ul

RT: 25.50 min Scan# 6140

Delta R.T. 0.00 min

Lab File: BN008451.D

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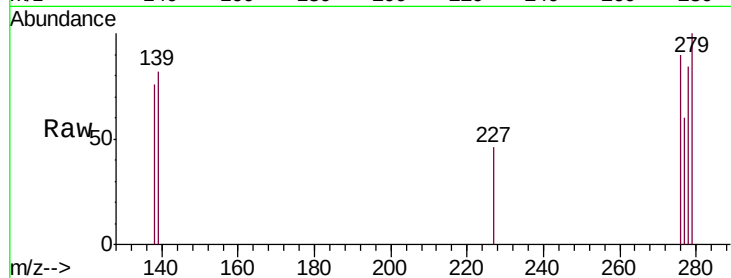
Tgt Ion:278 Resp: 313

Ion Ratio Lower Upper

278 100

139 97.7 17.8 26.6#

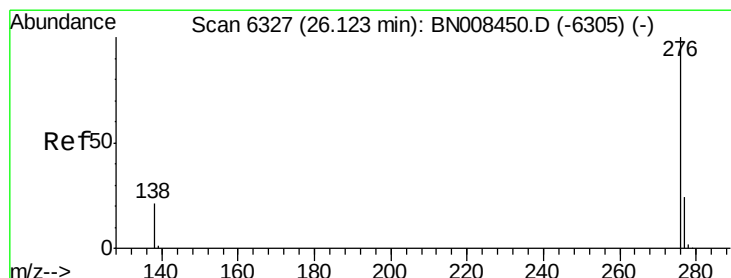
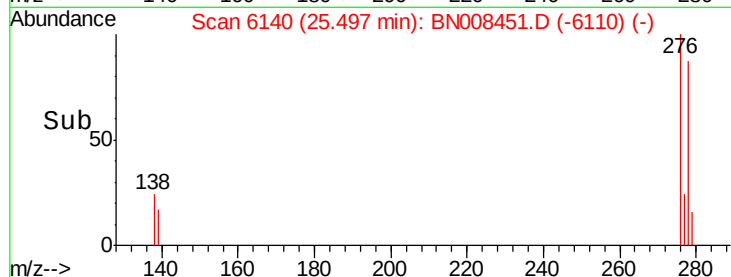
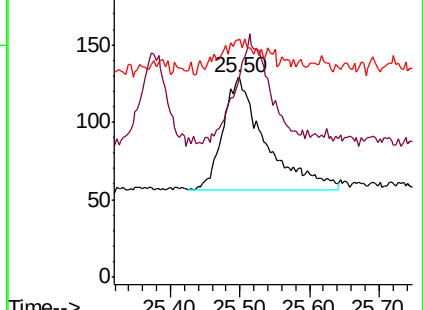
279 118.6 26.6 40.0#



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: 0.007 ng/ul

RT: 26.13 min Scan# 6329

Delta R.T. 0.01 min

Lab File: BN008451.D

Acq: 05 Nov 2019 17:37

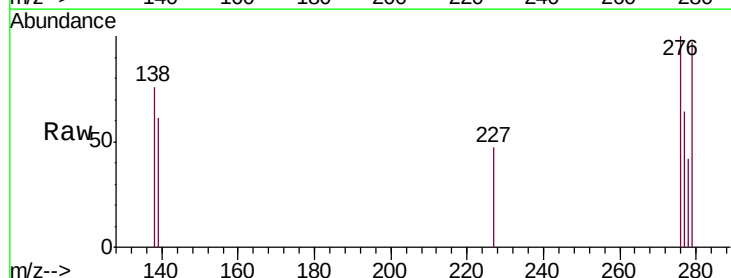
Tgt Ion:276 Resp: 332

Ion Ratio Lower Upper

276 100

138 76.2 19.9 29.9#

277 63.6 20.9 31.3#



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

