

Data File : BN008684.D
Acq On : 21 Nov 2019 19:15
Operator : JU
Sample : K5851-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA7DL

Quant Time: Nov 22 06:33:46 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 : Fri Nov 22 06:30:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3529	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	12545	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	7570	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14822	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12528	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	12622	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	720	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1721	0.04	ng/ul	0.00

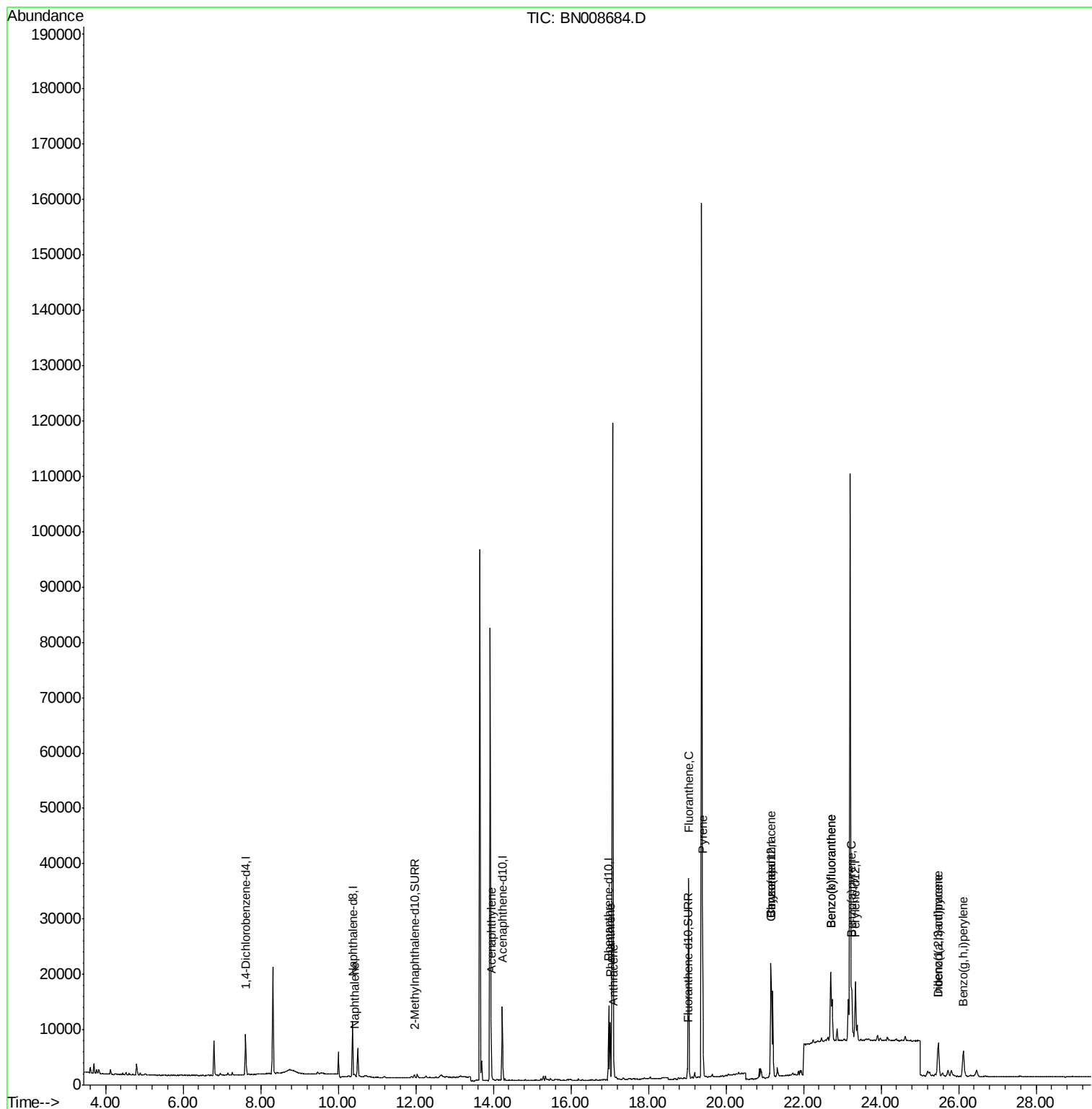
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.42	128	933	0.025	ng/ul#	74
7) Acenaphthylene	13.95	152	2016	0.048	ng/ul#	90
12) Phenanthrene	17.02	178	10478	0.210	ng/ul	99
13) Anthracene	17.11	178	2560	0.054	ng/ul#	91
15) Fluoranthene	19.04	202	30021	0.489	ng/ul	93
17) Pyrene	19.40	202	26068	0.519	ng/ul	96
18) Benzo(a)anthracene	21.16	228	14196	0.282	ng/ul	96
19) Chrysene	21.16	228	14203	0.287	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	26496	0.509	ng/ul	83
22) Benzo(k)fluoranthene	22.70	252	26487	0.513	ng/ul#	87
23) Benzo(a)pyrene	23.24	252	13137	0.269	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.47	276	9096	0.159	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.48	278	2256	0.049	ng/ul#	26
26) Benzo(g,h,i)perylene	26.12	276	9057	0.189	ng/ul#	90

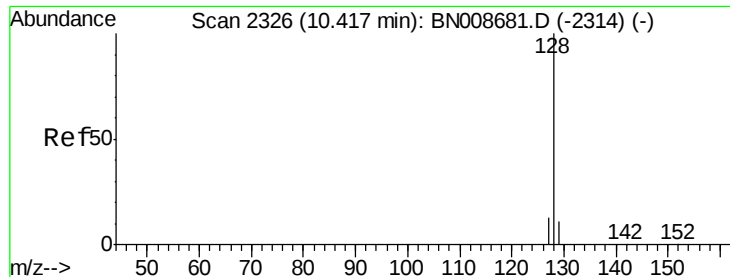
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 06:33:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:30:58 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.01 min

Lab File: BN008684.D

Acq: 21 Nov 2019 19:15

Instrument :

BNA_N

ClientSampleId :

C0AA7DL

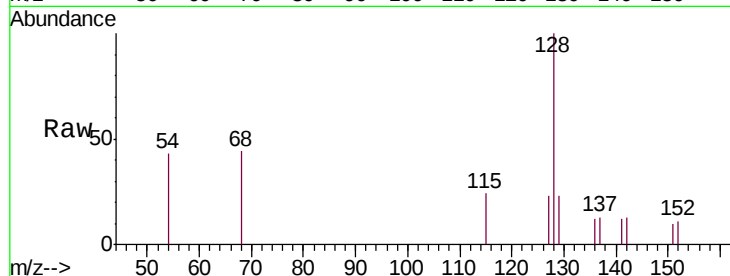
Tgt Ion:128 Resp: 933

Ion Ratio Lower Upper

128 100

129 23.3 9.7 14.5#

127 23.2 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

10.42

600

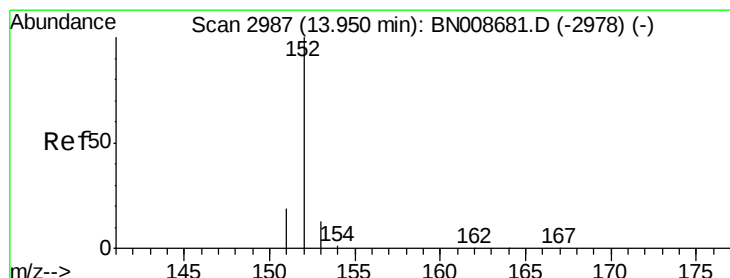
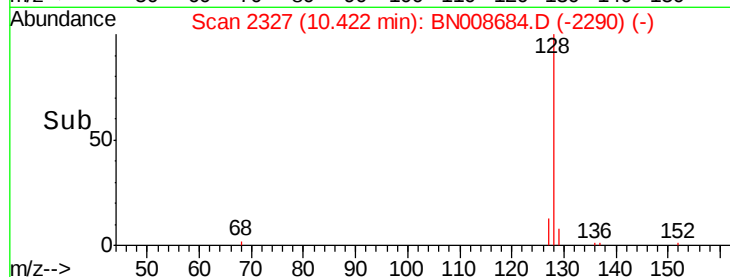
400

200

0

10.35 10.40 10.45

Time-->



#7

Acenaphthylene

Concen: 0.048 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BN008684.D

Acq: 21 Nov 2019 19:15

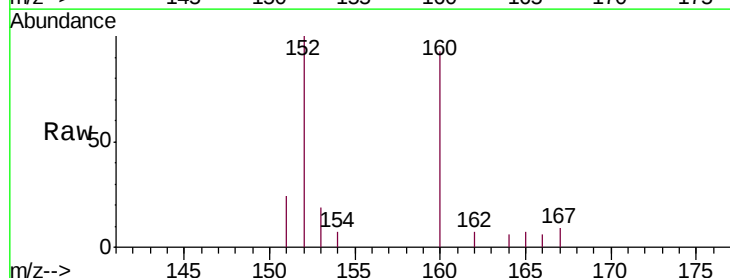
Tgt Ion:152 Resp: 2016

Ion Ratio Lower Upper

152 100

151 24.2 16.6 24.8

153 19.2 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

13.95

1500

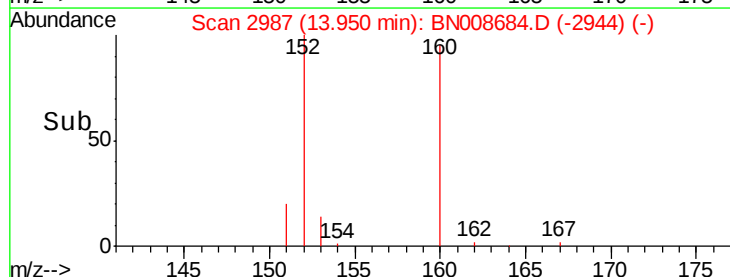
1000

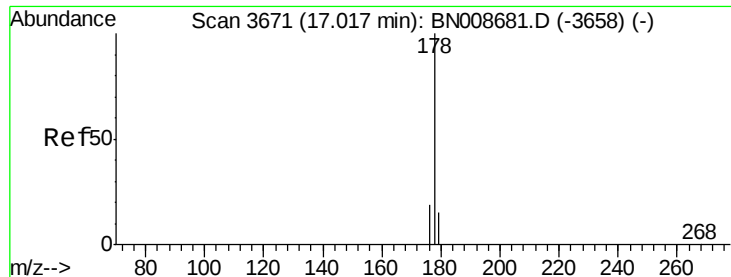
500

0

13.90 14.00

Time-->





#12

Phenanthrene

Concen: 0.210 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN008684.D

Acq: 21 Nov 2019 19:15

Instrument :

BNA_N

ClientSampleId :

C0AA7DL

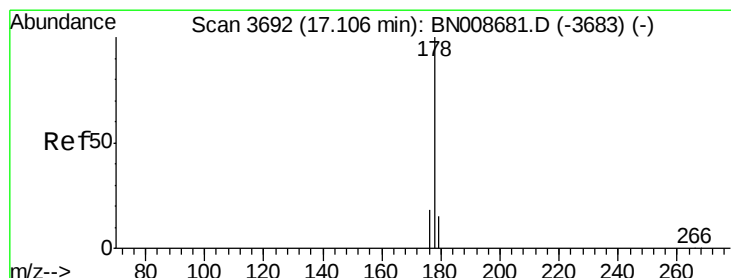
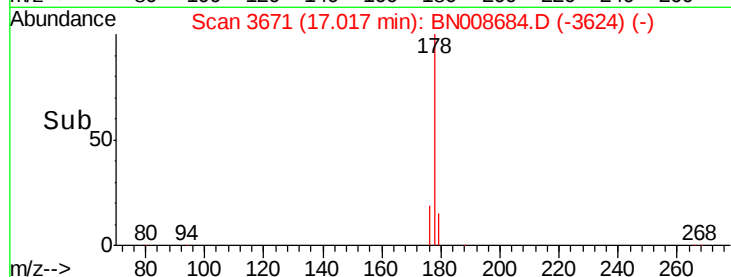
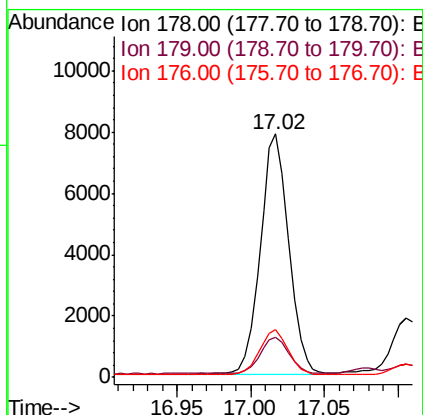
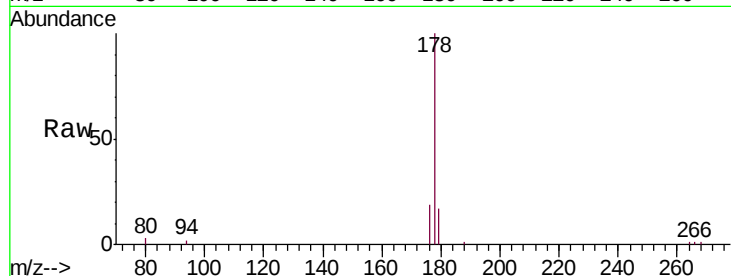
Tgt Ion:178 Resp: 10478

Ion Ratio Lower Upper

178 100

179 16.6 12.8 19.2

176 19.4 16.0 24.0



#13

Anthracene

Concen: 0.054 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BN008684.D

Acq: 21 Nov 2019 19:15

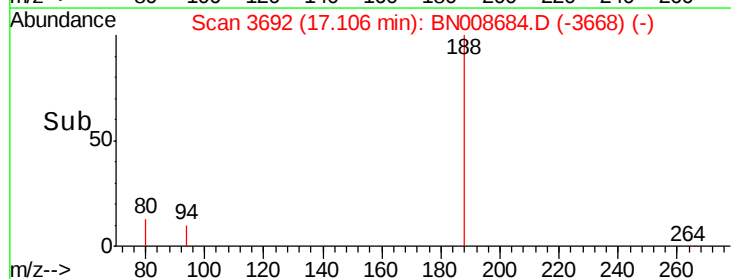
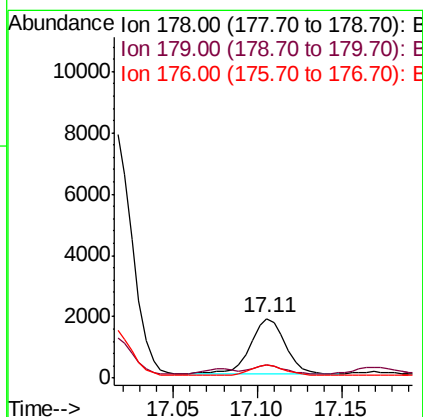
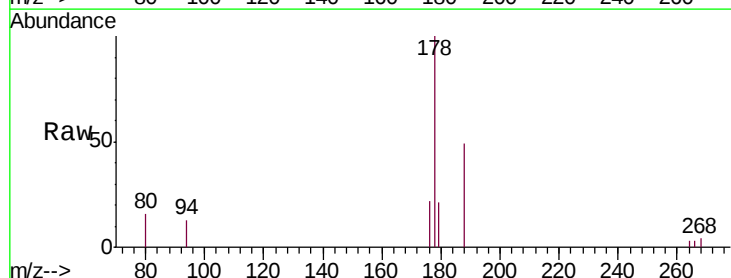
Tgt Ion:178 Resp: 2560

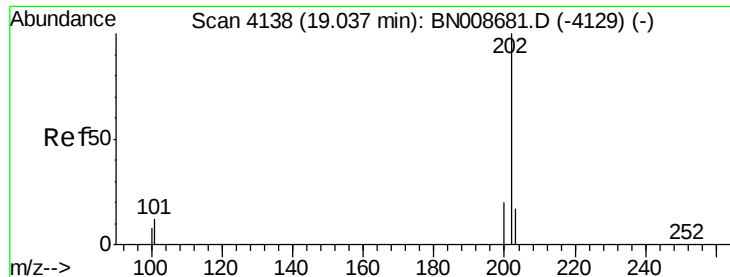
Ion Ratio Lower Upper

178 100

179 21.5 13.0 19.4#

176 21.6 15.3 22.9





#15

Fluoranthene

Concen: 0.489 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008684.D

Acq: 21 Nov 2019 19:15

Instrument :

BNA_N

ClientSampleId :

C0AA7DL

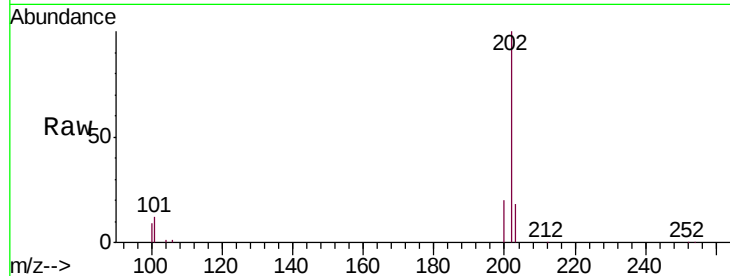
Tgt Ion:202 Resp: 30021

Ion Ratio Lower Upper

202 100

101 12.4 0.0 29.6

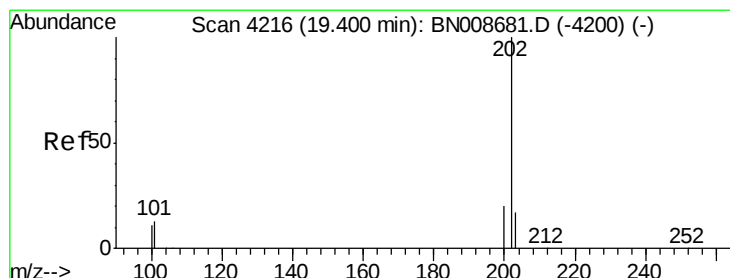
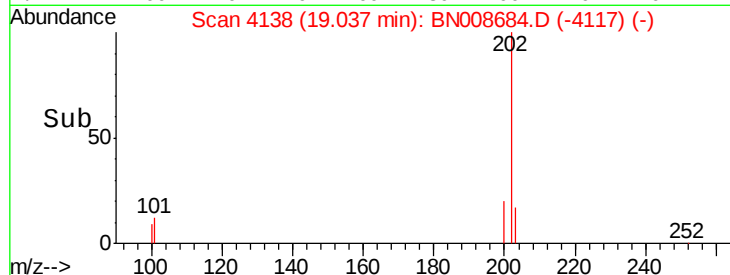
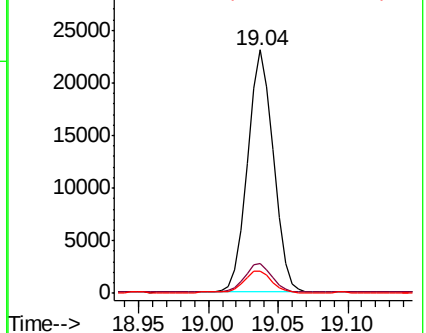
100 9.2 0.0 27.0



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

Pyrene

Concen: 0.519 ng/ul

RT: 19.40 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BN008684.D

Acq: 21 Nov 2019 19:15

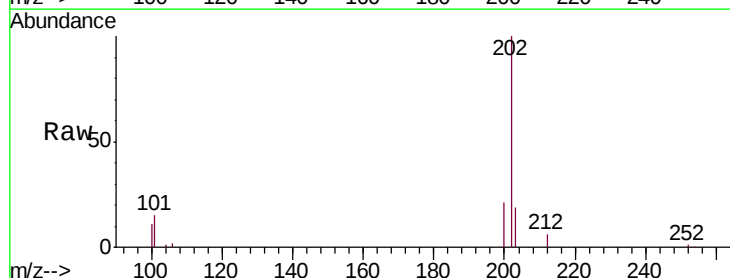
Tgt Ion:202 Resp: 26068

Ion Ratio Lower Upper

202 100

101 14.8 10.2 15.2

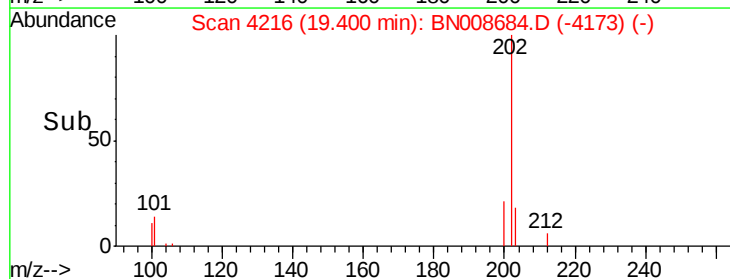
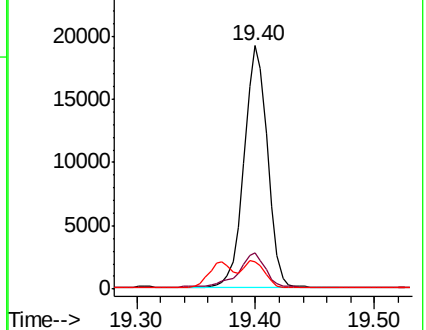
100 11.4 8.2 12.2

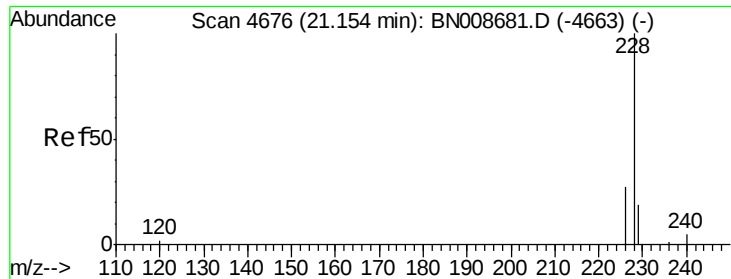


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.282 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. 0.00 min

Lab File: BN008684.D

Acq: 21 Nov 2019 19:15

Instrument :

BNA_N

ClientSampleId :

C0AA7DL

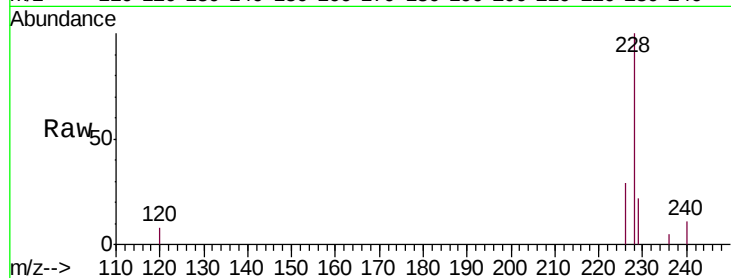
Tgt Ion:228 Resp: 14196

Ion Ratio Lower Upper

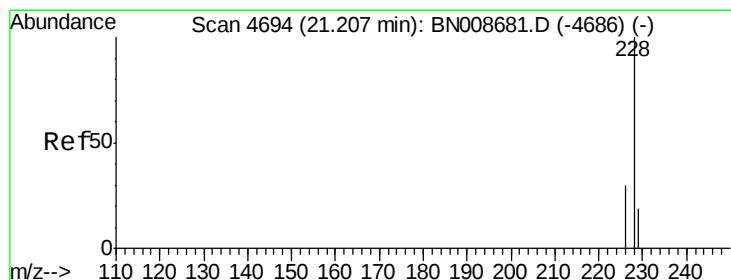
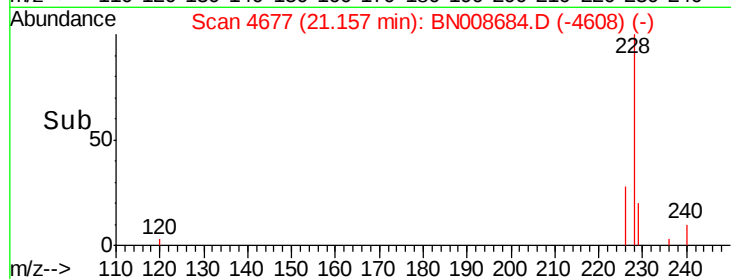
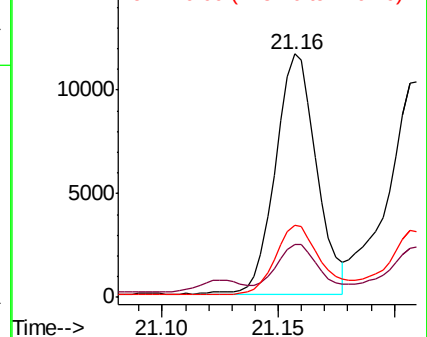
228 100

229 21.7 15.8 23.6

226 29.3 21.6 32.4



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: 0.287 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. -0.05 min

Lab File: BN008684.D

Acq: 21 Nov 2019 19:15

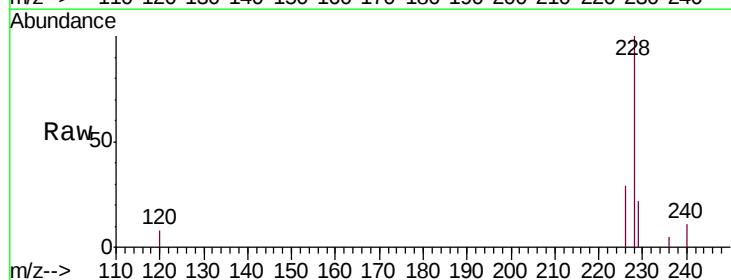
Tgt Ion:228 Resp: 14203

Ion Ratio Lower Upper

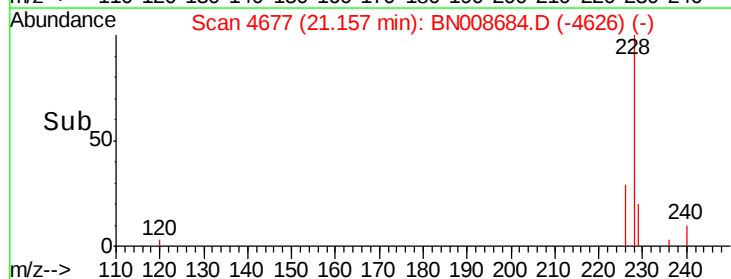
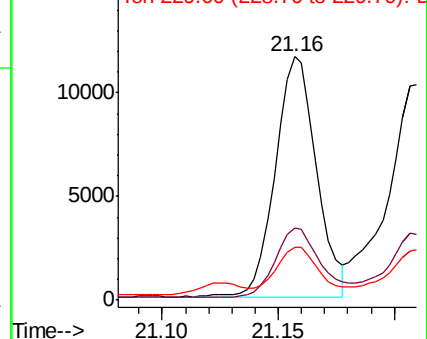
228 100

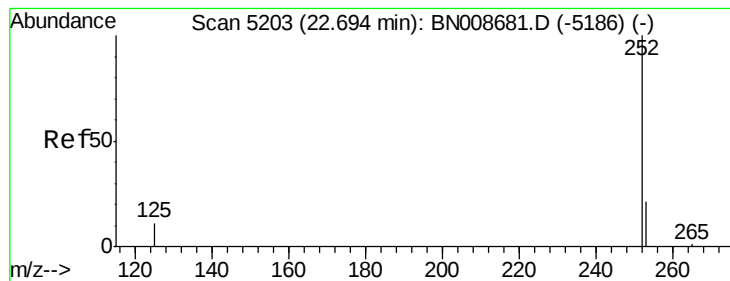
226 29.3 24.5 36.7

229 21.7 15.5 23.3



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: 0.509 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. 0.01 min

Lab File: BN008684.D

Acq: 21 Nov 2019 19:15

Instrument :

BNA_N

ClientSampleId :

C0AA7DL

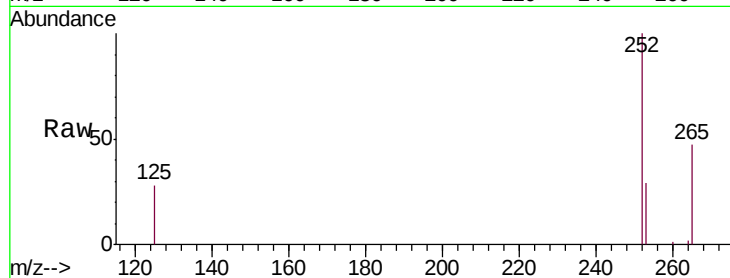
Tgt Ion:252 Resp: 26496

Ion Ratio Lower Upper

252 100

253 29.3 0.0 50.2

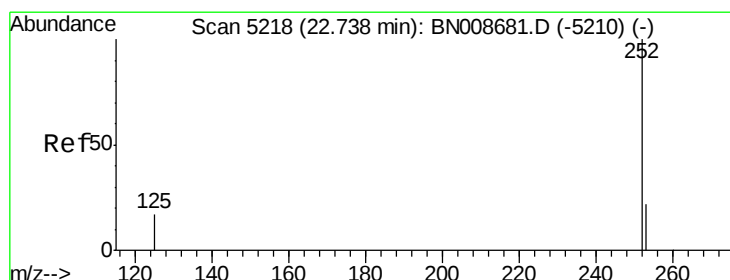
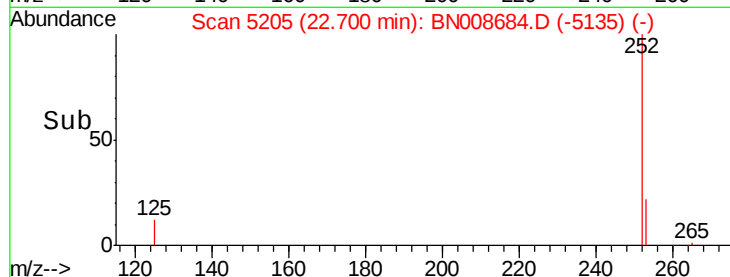
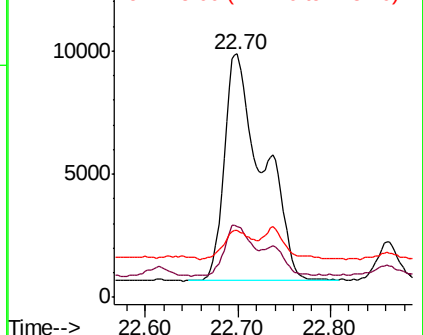
125 27.6 0.0 30.0



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: 0.513 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. -0.04 min

Lab File: BN008684.D

Acq: 21 Nov 2019 19:15

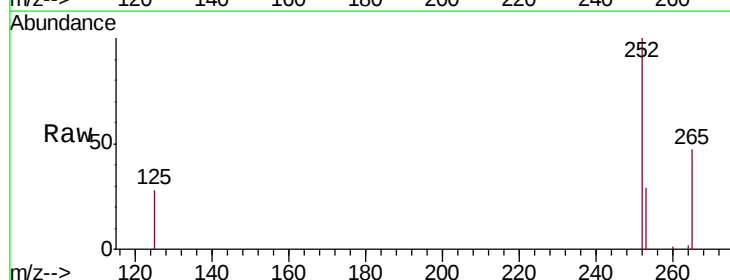
Tgt Ion:252 Resp: 26487

Ion Ratio Lower Upper

252 100

253 29.3 20.5 30.7

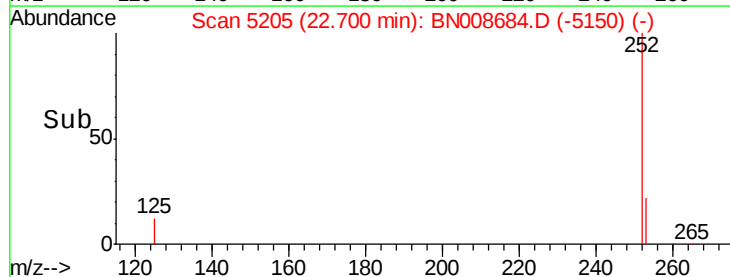
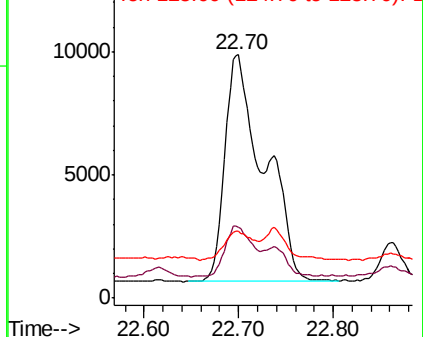
125 27.6 15.0 22.4#

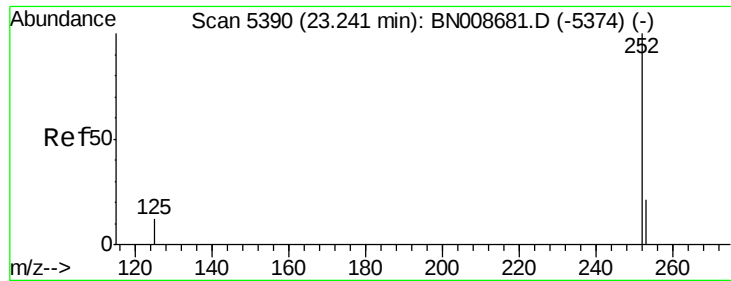


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.269 ng/ul

RT: 23.24 min Scan# 5391

Delta R.T. 0.00 min

Lab File: BN008684.D

Acq: 21 Nov 2019 19:15

Instrument :

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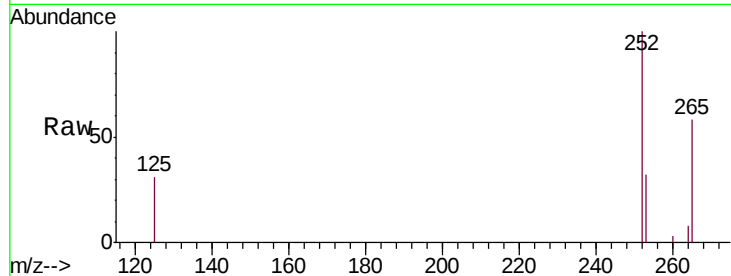
Tgt Ion:252 Resp: 13137

Ion Ratio Lower Upper

252 100

253 32.2 21.4 32.2#

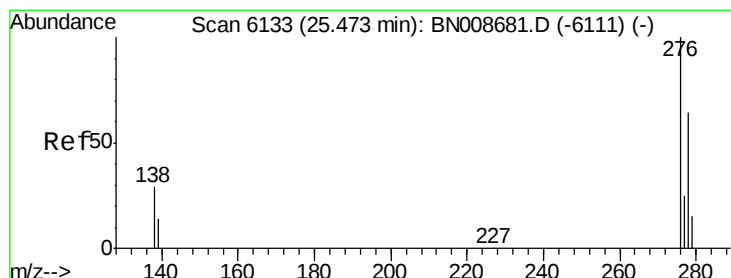
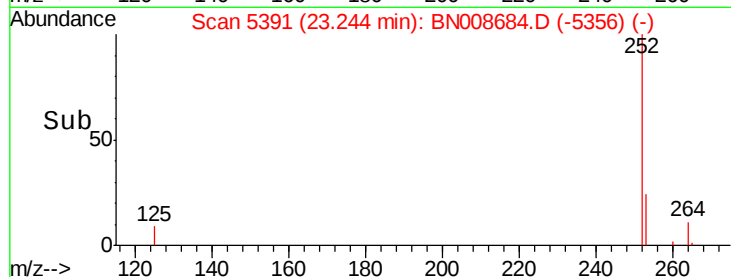
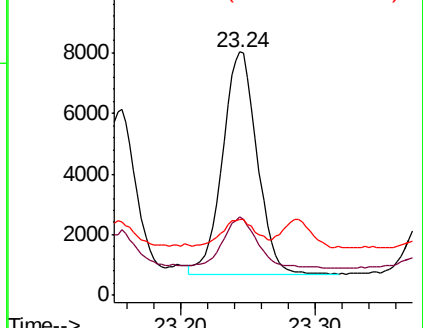
125 31.2 13.8 20.8#



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: 0.159 ng/ul

RT: 25.47 min Scan# 6133

Delta R.T. -0.00 min

Lab File: BN008684.D

Acq: 21 Nov 2019 19:15

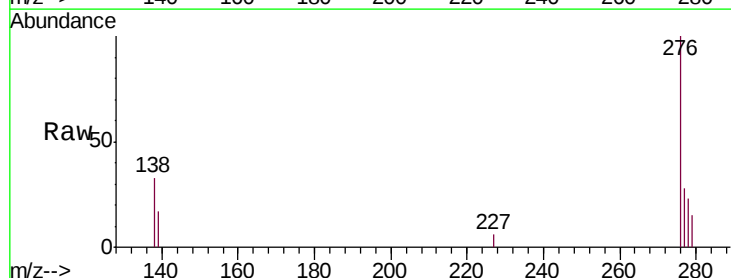
Tgt Ion:276 Resp: 9096

Ion Ratio Lower Upper

276 100

138 27.1 21.7 32.5

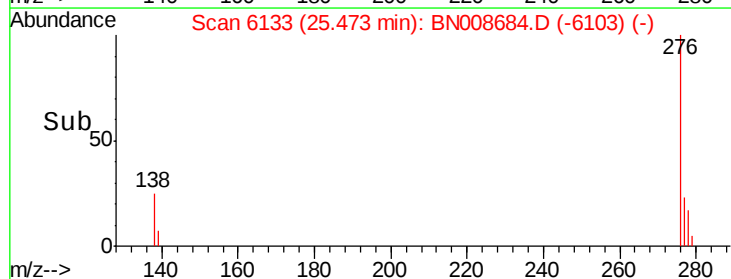
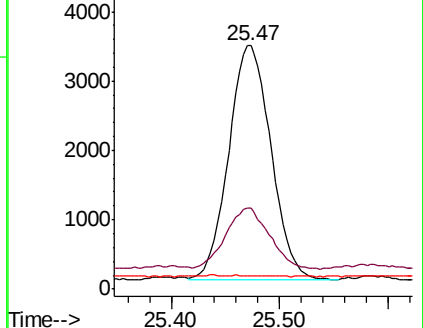
227 0.1 0.2 0.2#

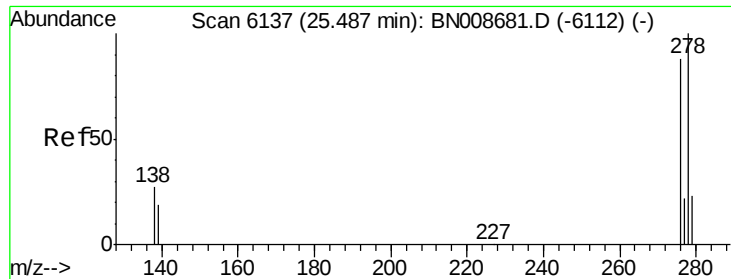


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

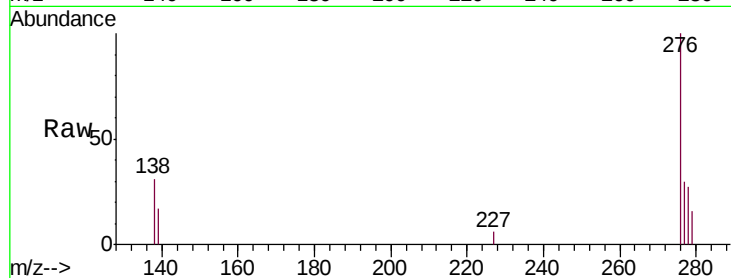




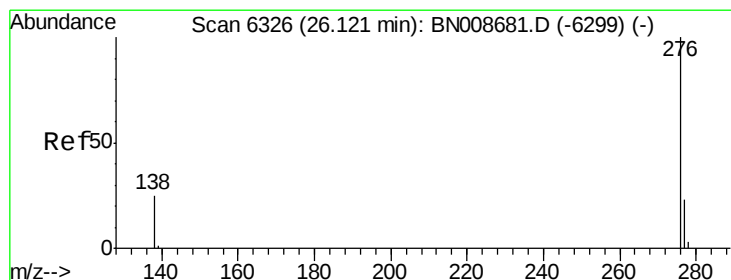
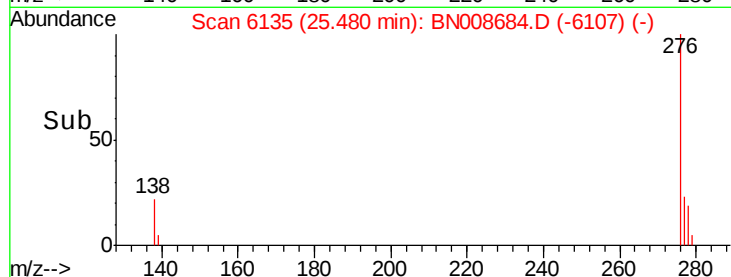
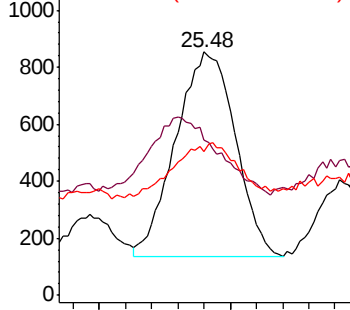
#25
Dibenzo(a,h)anthracene
Concen: 0.049 ng/u1
RT: 25.48 min Scan# 6135
Delta R.T. -0.01 min
Lab File: BN008684.D
Acq: 21 Nov 2019 19:15

Instrument :
BNA_N
ClientSampleId :
C0AA7DL

Tgt Ion:278 Resp: 2256
Ion Ratio Lower Upper
278 100
139 63.9 18.7 28.1#
279 59.1 20.8 31.2#

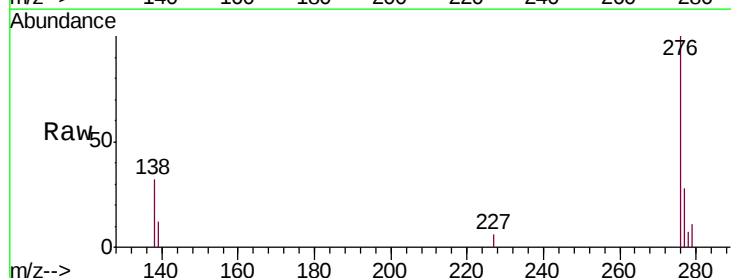


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.189 ng/u1
RT: 26.12 min Scan# 6326
Delta R.T. -0.00 min
Lab File: BN008684.D
Acq: 21 Nov 2019 19:15

Tgt Ion:276 Resp: 9057
Ion Ratio Lower Upper
276 100
138 32.5 20.0 30.0#
277 28.0 20.0 30.0



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

