

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008363.D
 Acq On : 23 Oct 2019 23:19
 Operator : JU
 Sample : K5235-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 24 01:39:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

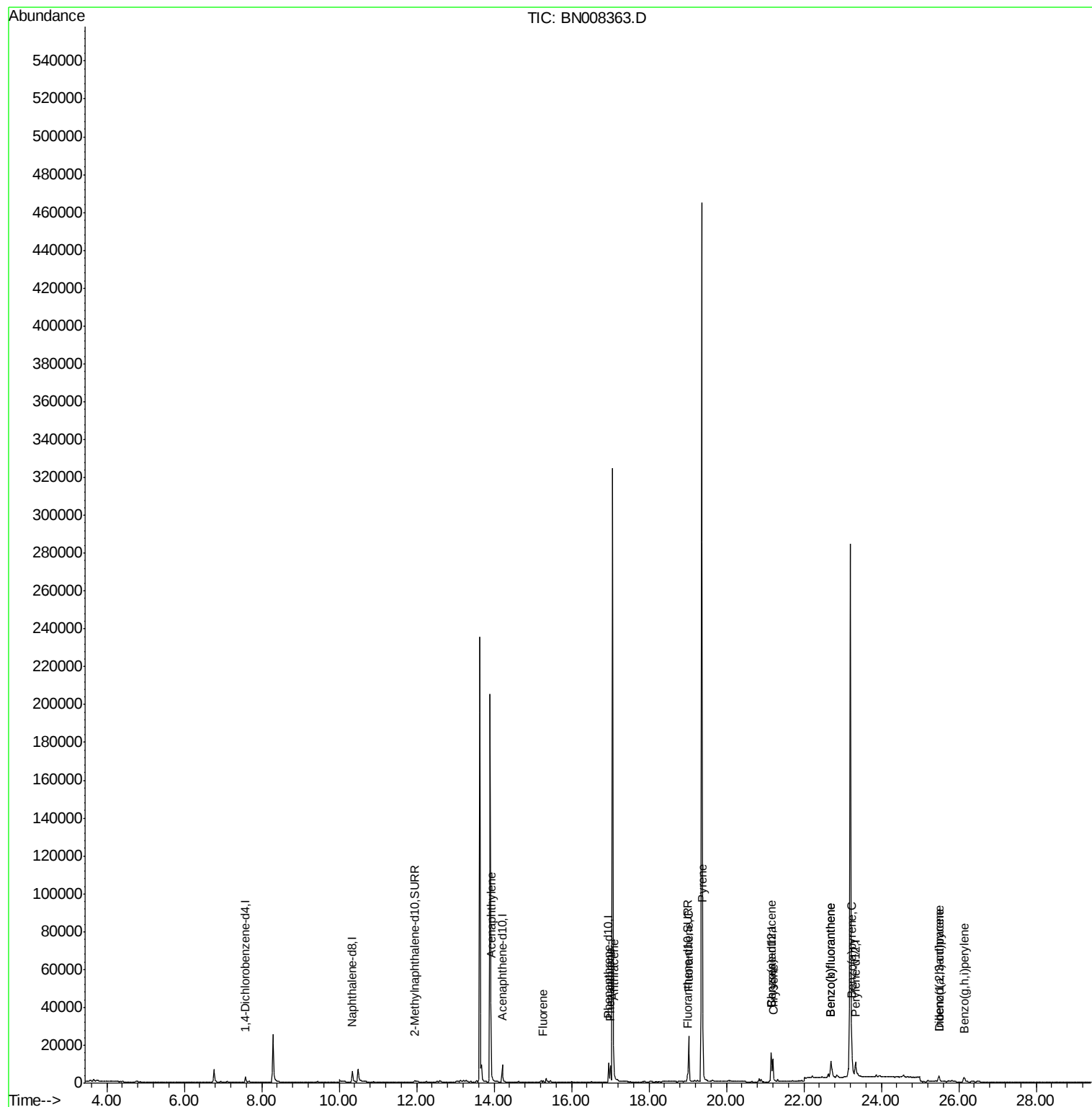
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1644	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	8062	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5291	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	11783	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10904	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9314	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1492	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	4963	0.12	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	13.93	152	1056	0.042	ng/ul#	86
9) Fluorene	15.27	166	501	0.023	ng/ul#	94
12) Phenanthrene	17.00	178	9514	0.276	ng/ul	100
13) Anthracene	17.09	178	1672	0.055	ng/ul#	89
15) Fluoranthene	19.03	202	20750	0.455	ng/ul	96
17) Pyrene	19.39	202	21727	0.500	ng/ul	96
18) Benzo(a)anthracene	21.15	228	11315	0.285	ng/ul	96
19) Chrysene	21.20	228	12832	0.264	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	17555	0.579	ng/ul	85
22) Benzo(k)fluoranthene	22.70	252	17555	0.511	ng/ul#	84
23) Benzo(a)pyrene	23.24	252	9068	0.284	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.49	276	4977	0.132	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.49	278	1163	0.039	ng/ul#	52
26) Benzo(g,h,i)perylene	26.14	276	4928	0.143	ng/ul#	92

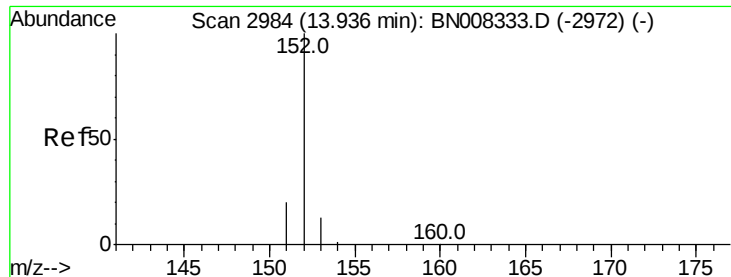
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:07:55 2019
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#7

Acenaphthylene

Concen: 0.042 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Instrument :

BNA_N

ClientSampleId :

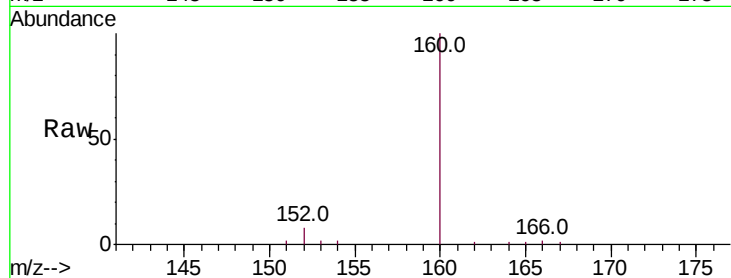
Tot Ion:152 Resp: 1056

Ion Ratio Lower Upper

152 100

151 25.2 16.2 24.4#

153 21.2 11.0 16.4#



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

13.93

600

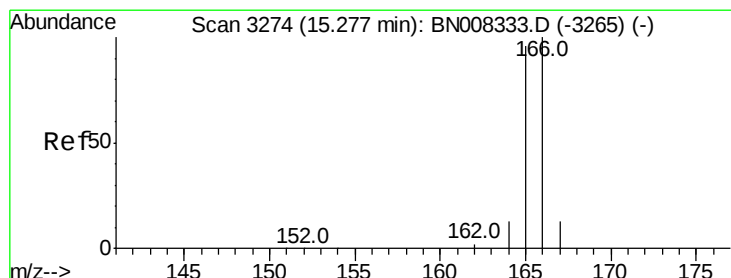
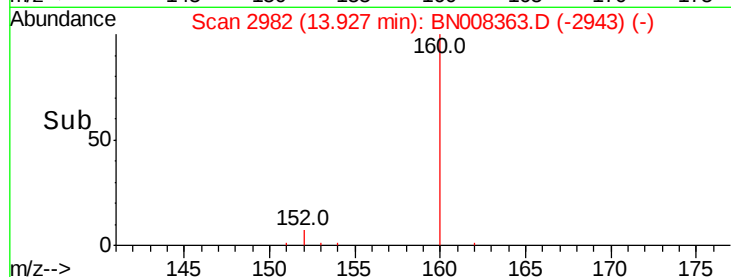
400

200

0

Time-->

13.80 13.90 14.00 14.10



#9

Fluorene

Concen: 0.023 ng/ul

RT: 15.27 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

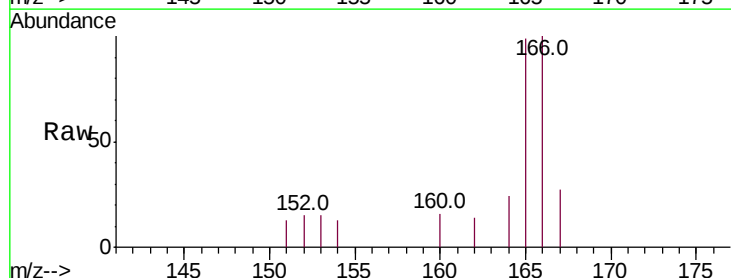
Tgt Ion:166 Resp: 501

Ion Ratio Lower Upper

166 100

165 98.5 76.6 115.0

167 26.9 11.7 17.5#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.27

600

500

400

300

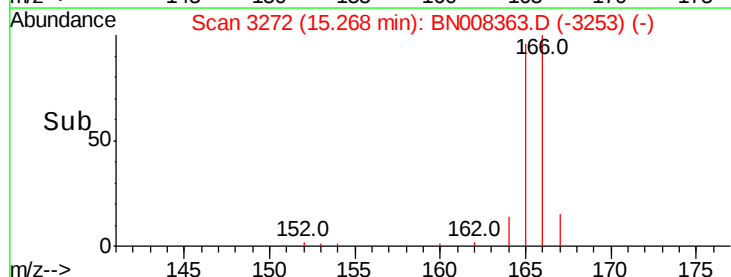
200

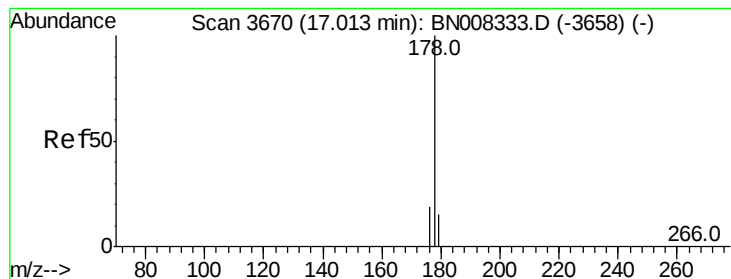
100

0

Time-->

15.20 15.25 15.30 15.35





#12

Phenanthrene

Concen: 0.276 ng/ul

RT: 17.00 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Instrument :

BNA_N

ClientSampleId :

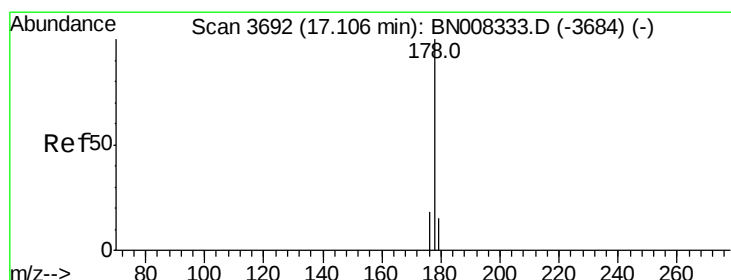
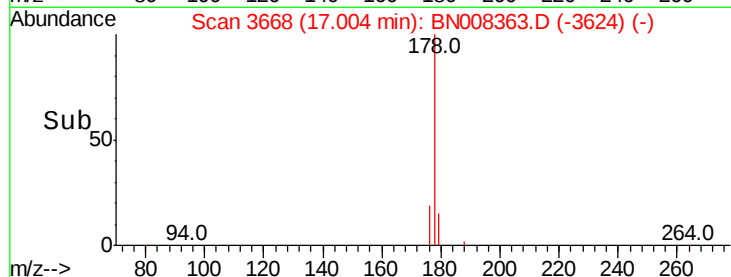
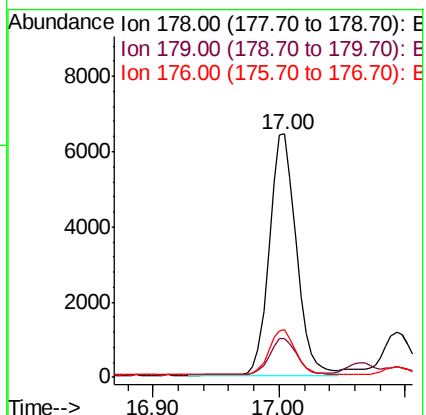
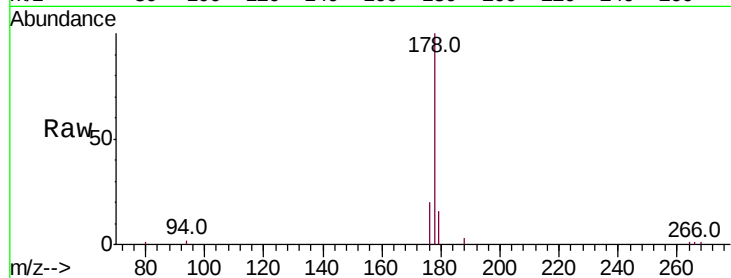
Tot Ion:178 Resp: 9514

Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

176 19.5 15.4 23.2



#13

Anthracene

Concen: 0.055 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

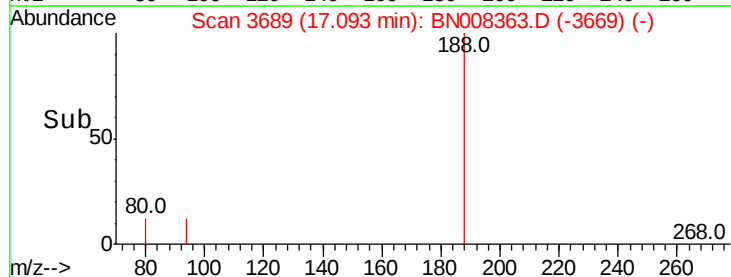
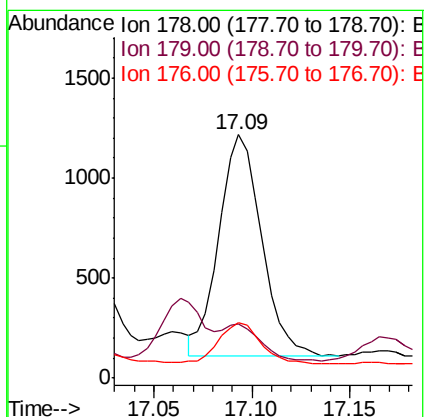
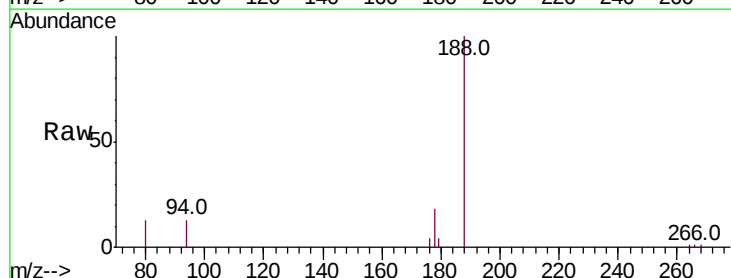
Tgt Ion:178 Resp: 1672

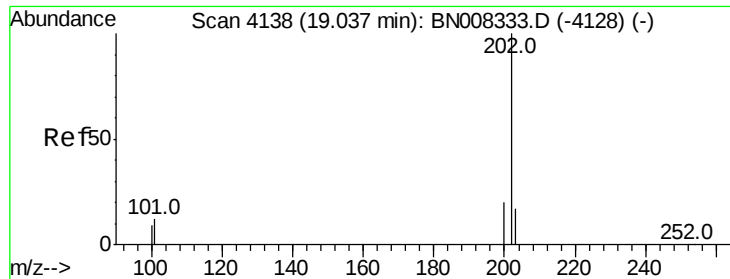
Ion Ratio Lower Upper

178 100

179 22.3 13.0 19.6#

176 22.6 15.0 22.6#





#15

Fluoranthene

Concen: 0.455 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Instrument :

BNA_N

ClientSampleId :

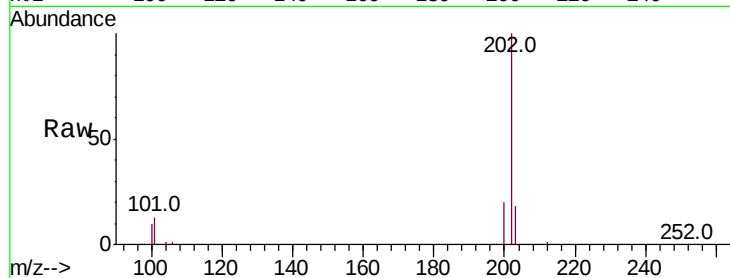
Tot Ion:202 Resp: 20750

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.2

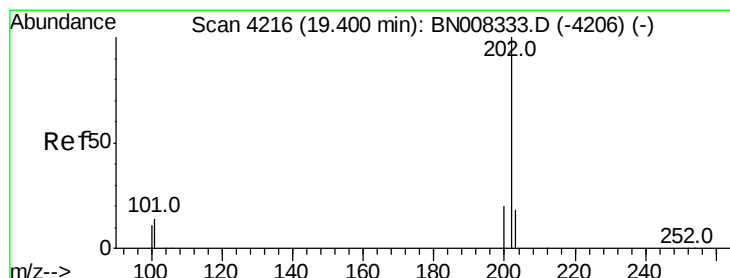
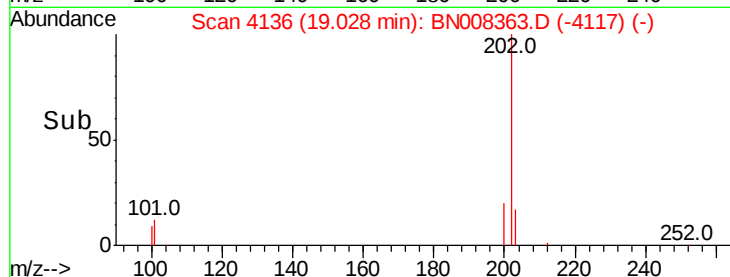
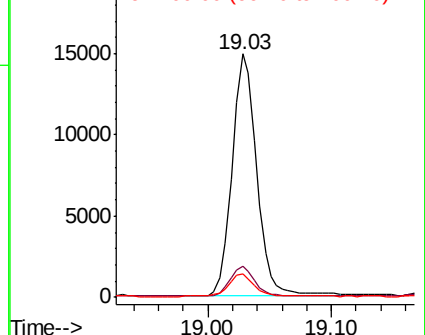
100 9.7 0.0 28.5



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: 0.500 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.01 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

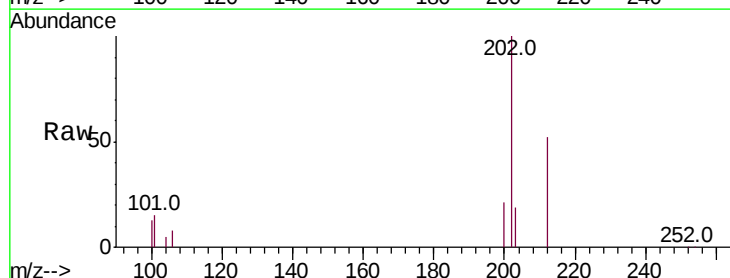
Tgt Ion:202 Resp: 21727

Ion Ratio Lower Upper

202 100

101 15.1 10.9 16.3

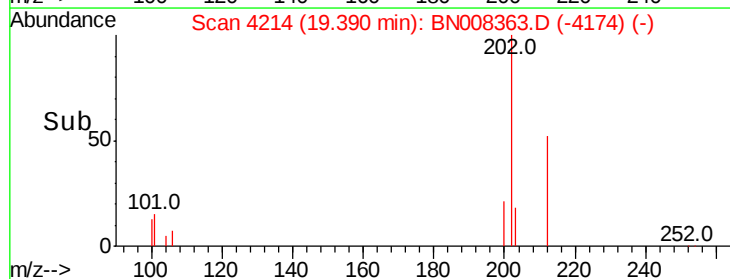
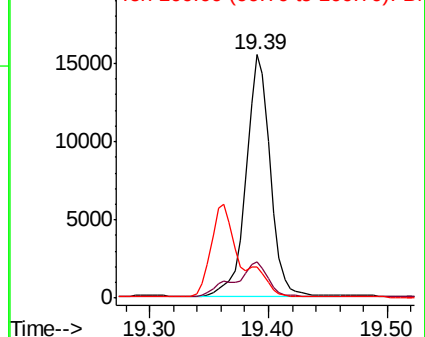
100 12.9 8.7 13.1

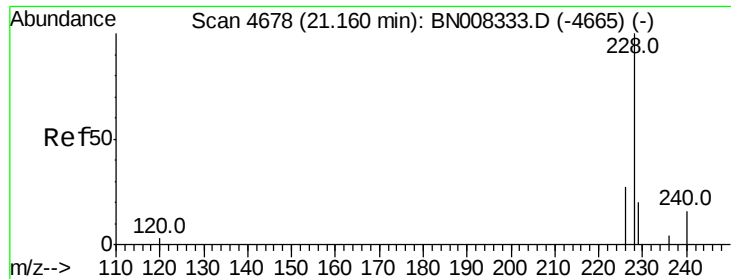


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.285 ng/ul

RT: 21.15 min Scan# 4675

Delta R.T. -0.01 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Instrument :

BNA_N

ClientSampled :

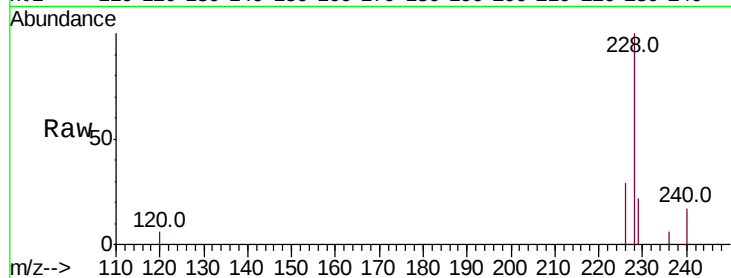
Tot Ion:228 Resp: 11315

Ion Ratio Lower Upper

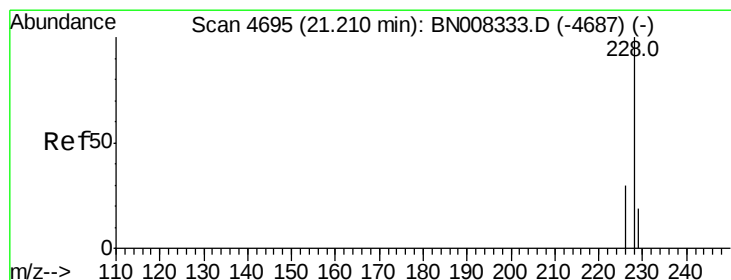
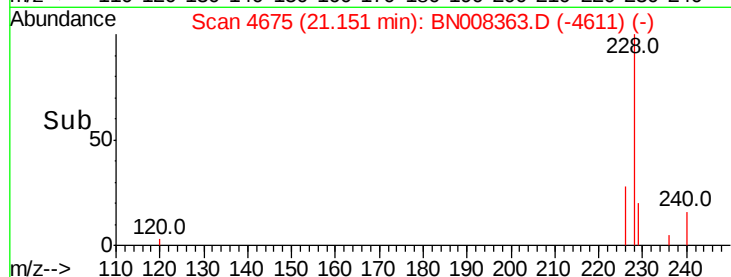
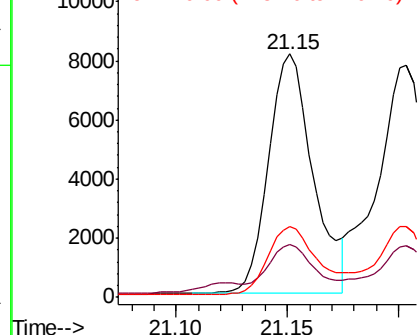
228 100

229 21.8 16.2 24.2

226 29.1 21.4 32.0



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: 0.264 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

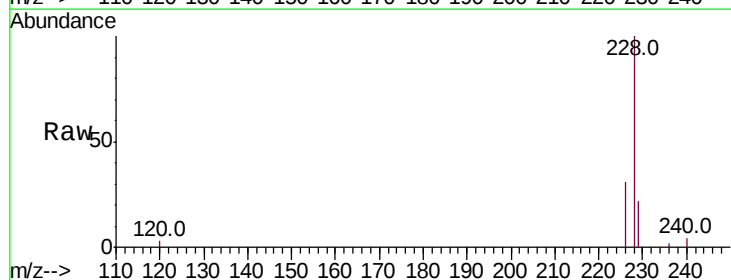
Tgt Ion:228 Resp: 12832

Ion Ratio Lower Upper

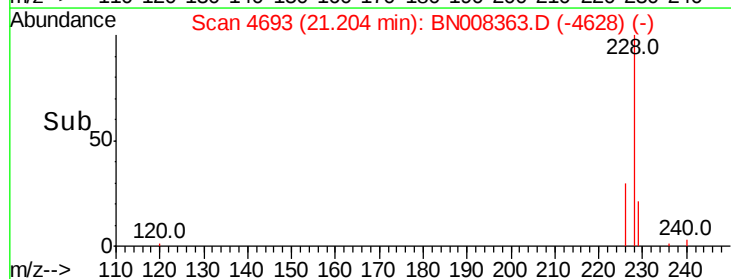
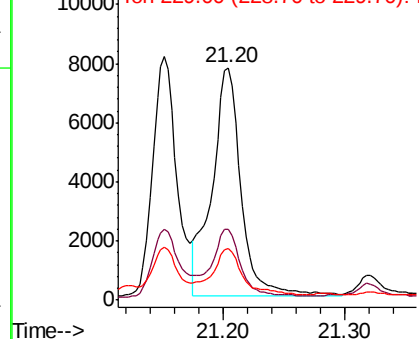
228 100

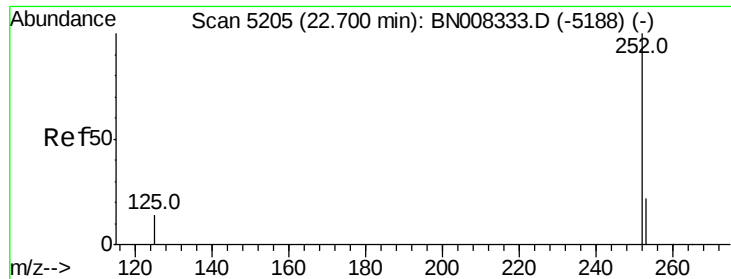
226 30.7 24.1 36.1

229 22.4 16.2 24.2



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: 0.579 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. -0.01 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Instrument :

BNA_N

ClientSampleId :

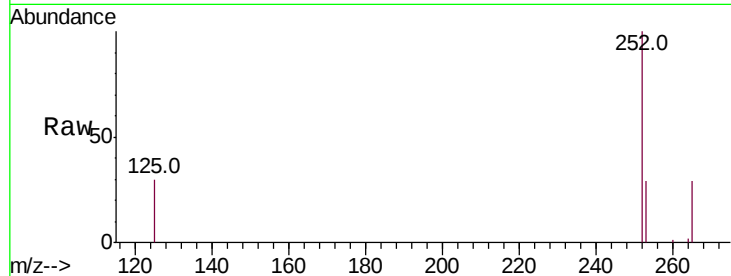
Tot Ion:252 Resp: 17555

Ion Ratio Lower Upper

252 100

253 28.9 0.0 53.4

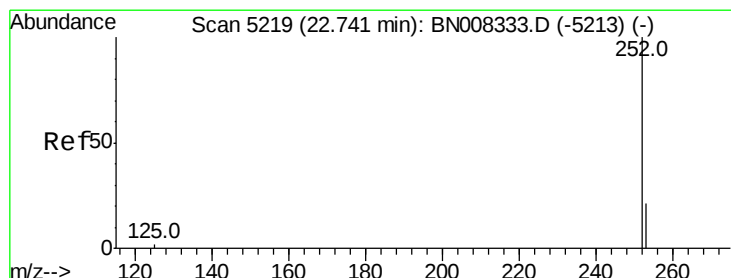
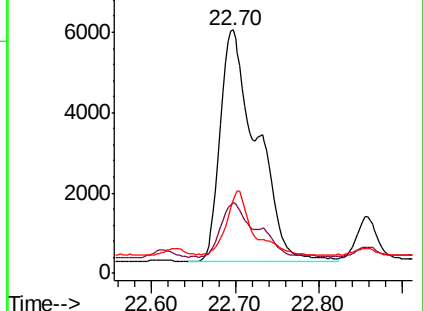
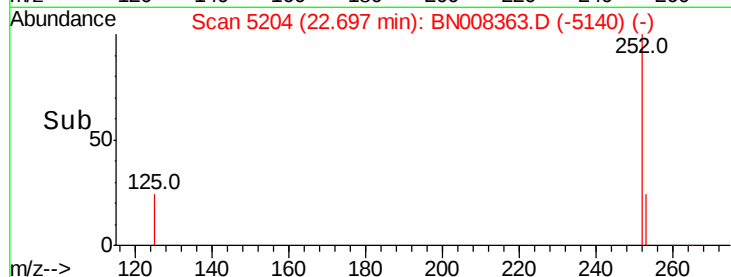
125 30.3 0.0 32.4



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



#22

Benzo(k)fluoranthene

Concen: 0.511 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. -0.06 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

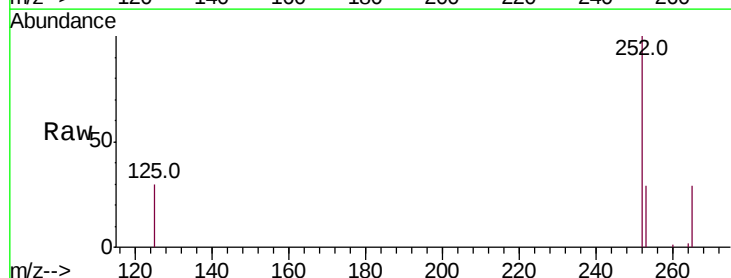
Tgt Ion:252 Resp: 17555

Ion Ratio Lower Upper

252 100

253 28.9 21.3 31.9

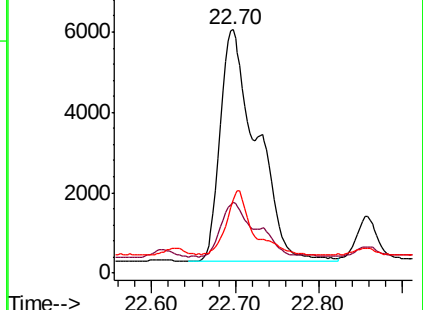
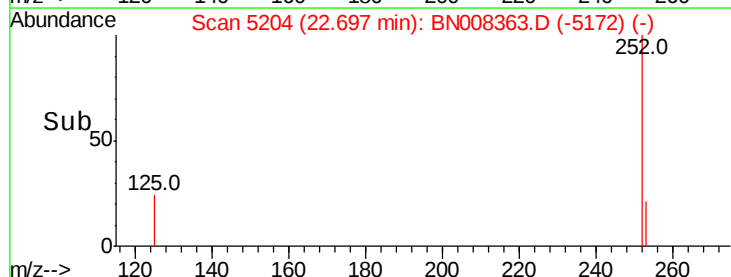
125 30.3 12.3 18.5#

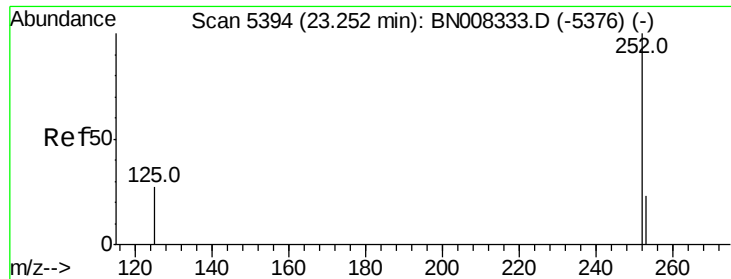


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.284 ng/ul

RT: 23.24 min Scan# 5390

Delta R.T. -0.02 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Instrument :

BNA_N

ClientSampleId :

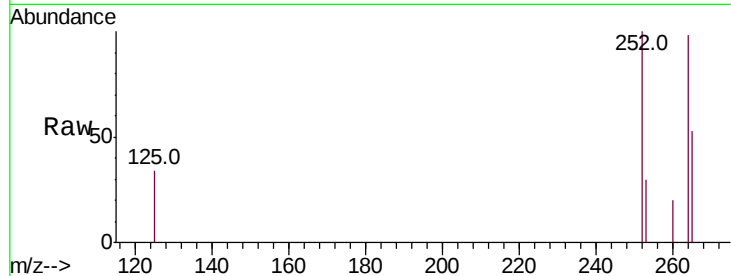
Tot Ion:252 Resp: 9068

Ion Ratio Lower Upper

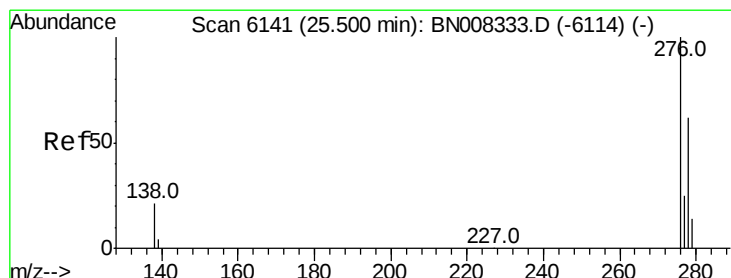
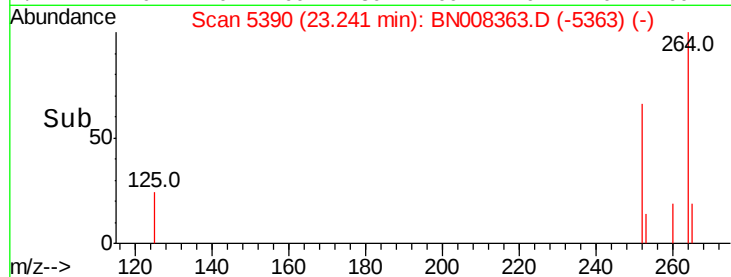
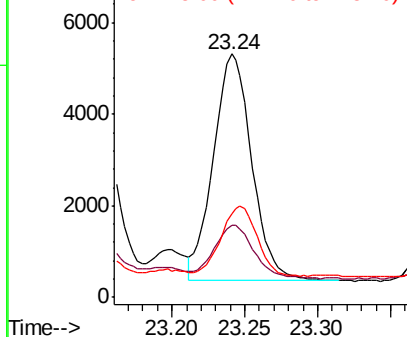
252 100

253 29.7 22.8 34.2

125 34.5 18.4 27.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.132 ng/ul

RT: 25.49 min Scan# 6138

Delta R.T. -0.02 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

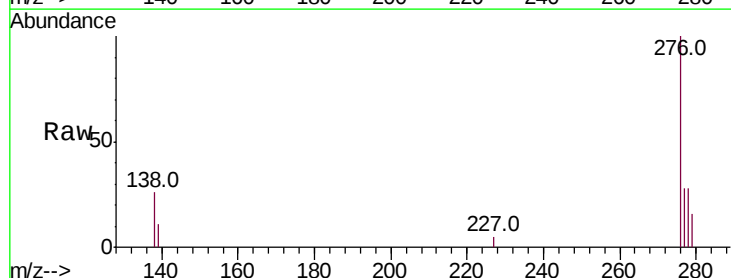
Tgt Ion:276 Resp: 4977

Ion Ratio Lower Upper

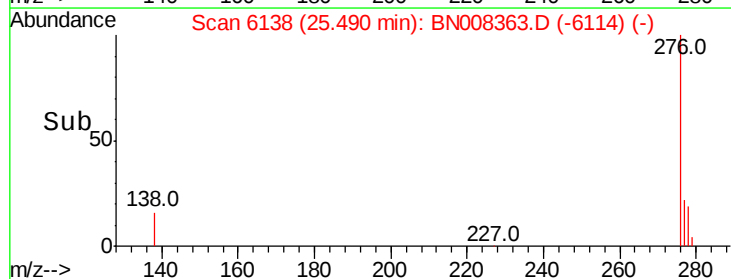
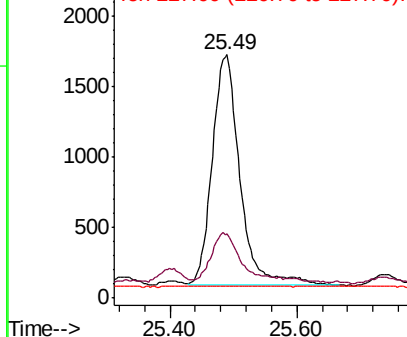
276 100

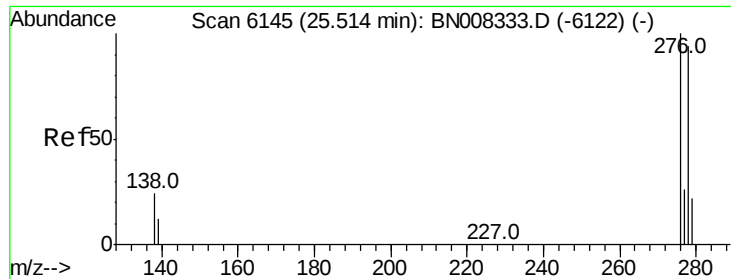
138 24.5 16.1 24.1#

227 0.0 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

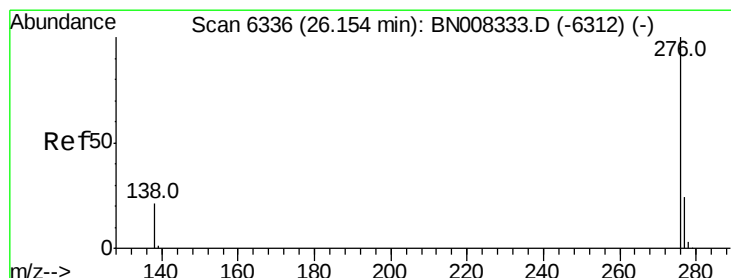
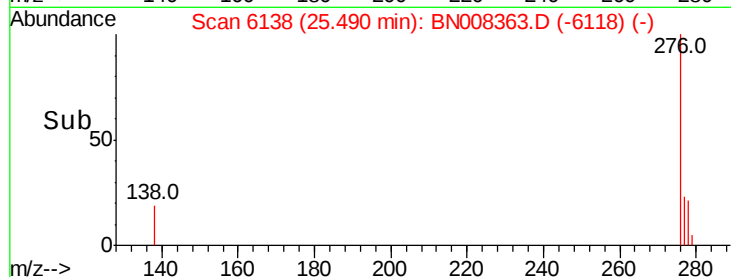
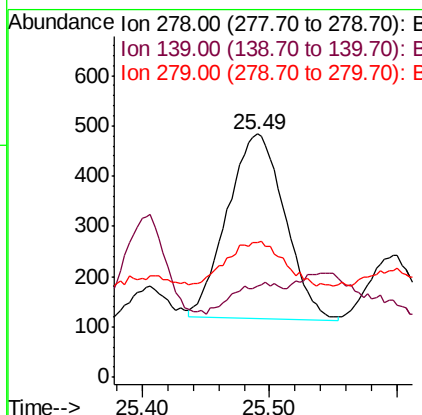
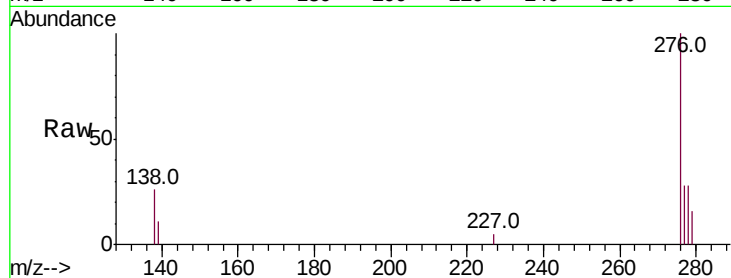




#25
Dibenzo(a,h)anthracene
Concen: 0.039 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.03 min
Lab File: BN008363.D
Acq: 23 Oct 2019 23:19

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 1163
Ion Ratio Lower Upper
278 100
139 37.6 15.0 22.6#
279 55.6 22.4 33.6#



#26
Benzo(g,h,i)perylene
Concen: 0.143 ng/ul
RT: 26.14 min Scan# 6332
Delta R.T. -0.03 min
Lab File: BN008363.D
Acq: 23 Oct 2019 23:19

Tgt Ion:276 Resp: 4928
Ion Ratio Lower Upper
276 100
138 26.7 17.0 25.4#
277 28.1 20.4 30.6

