

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008327.D
 Acq On : 22 Oct 2019 22:33
 Operator : JU
 Sample : K5223-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 23 01:05:26 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 : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

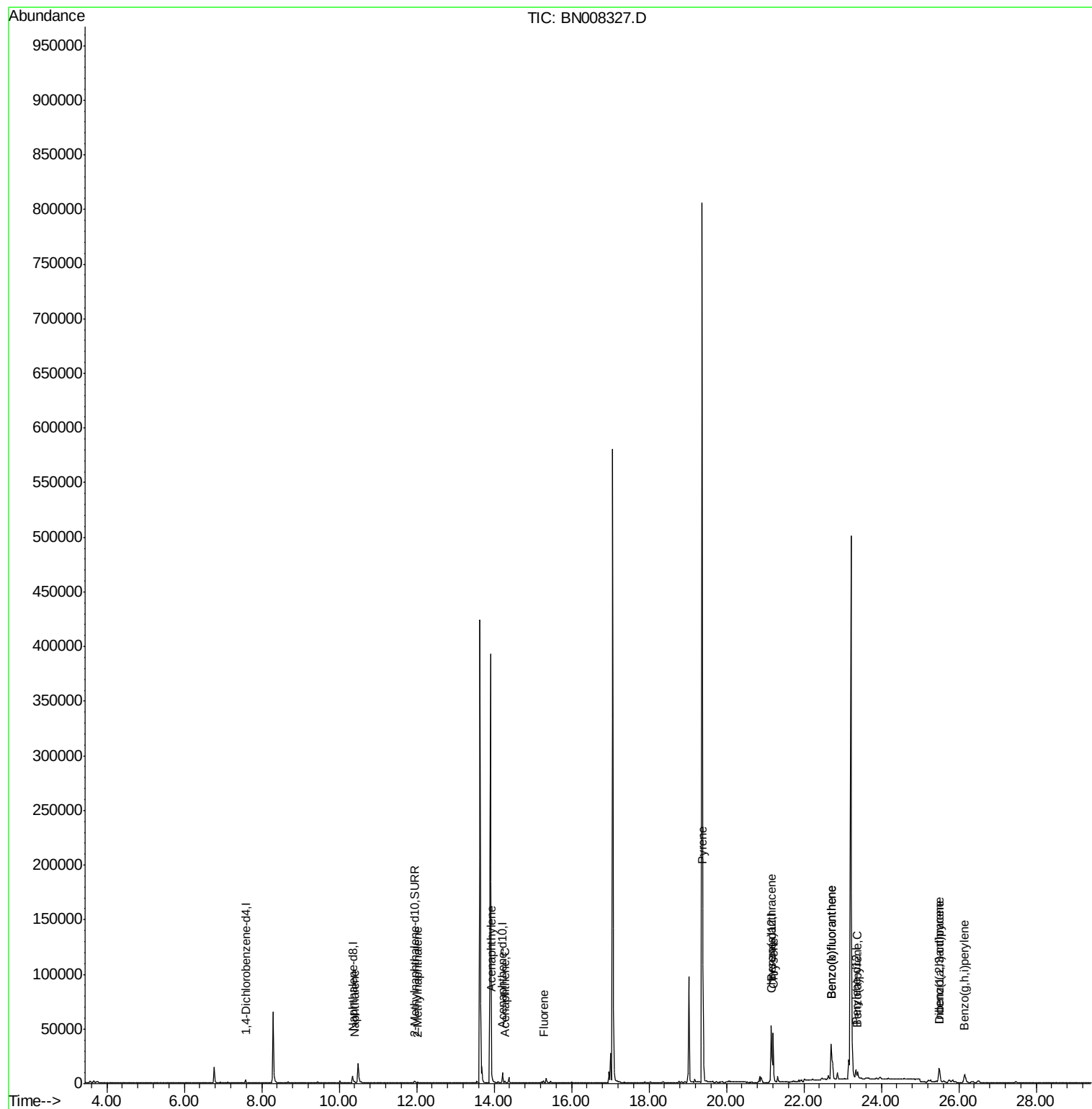
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1671	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8356	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5289	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.17	240	11538	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10043	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3116	0.22	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	9194	0.00	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	1087	0.046	ng/ul#	84
5) 2-Methylnaphthalene	12.02	142	483	0.030	ng/ul	95
7) Acenaphthylene	13.94	152	2848	0.113	ng/ul#	70
8) Acenaphthene	14.28	153	887	0.045	ng/ul	96
9) Fluorene	15.27	166	1173	0.053	ng/ul#	96
17) Pyrene	19.40	202	72849	1.586	ng/ul	97
18) Benzo(a)anthracene	21.16	228	40800	0.973	ng/ul	97
19) Chrysene	21.21	228	45560	0.885	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	71802	2.196	ng/ul	96
22) Benzo(k)fluoranthene	22.70	252	71802	1.939	ng/ul	97
23) Benzo(a)pyrene	23.39	252	4134	0.120	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.49	276	20994	0.518	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.50	278	4822	0.151	ng/ul#	84
26) Benzo(g,h,i)perylene	26.15	276	15572	0.419	ng/ul	98

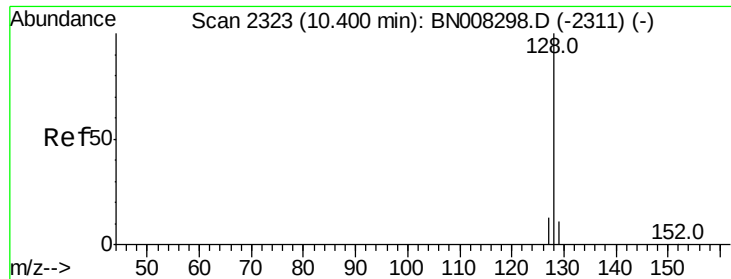
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.046 ng/ul

RT: 10.40 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

Instrument :

BNA_N

ClientSampleId :

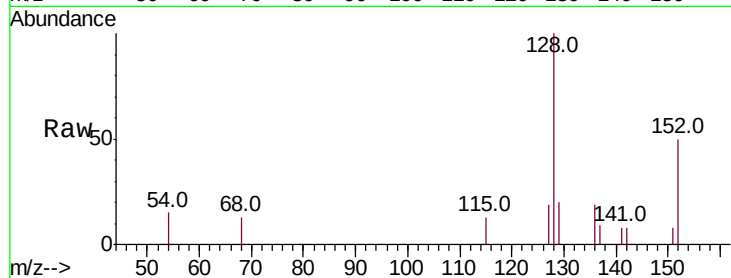
Tot Ion:128 Resp: 1087

Ion Ratio Lower Upper

128 100

129 20.0 9.8 14.8#

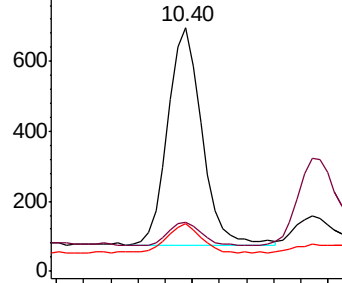
127 19.4 11.1 16.7#



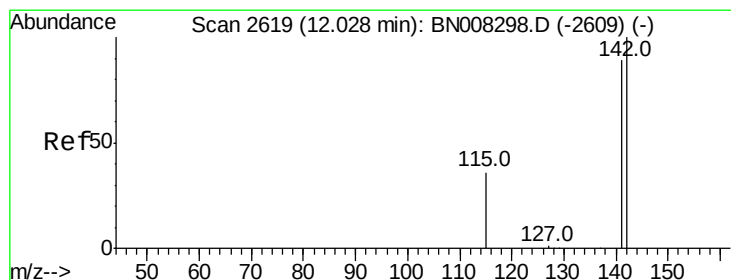
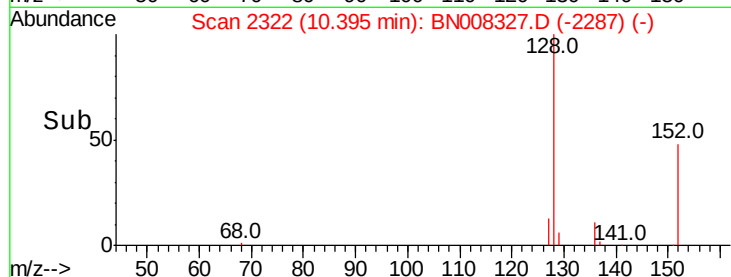
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 10.30 10.40



#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BN008327.D

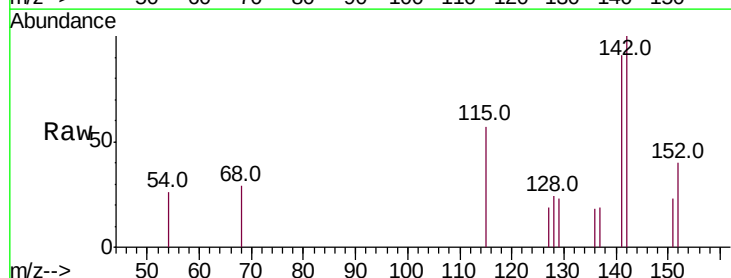
Acq: 22 Oct 2019 22:33

Tgt Ion:142 Resp: 483

Ion Ratio Lower Upper

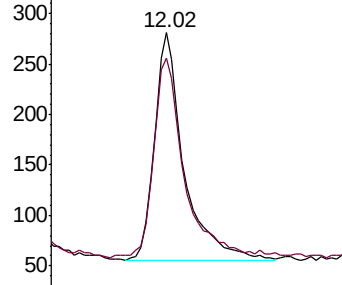
142 100

141 93.6 71.4 107.2

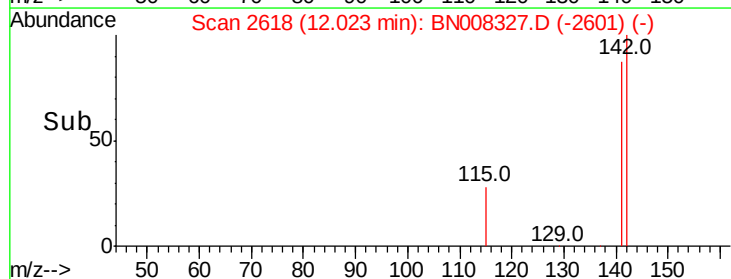


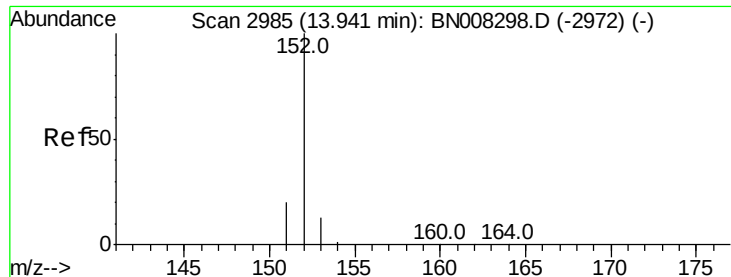
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 11.90 12.00 12.10





#7

Acenaphthylene

Concen: 0.113 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

Instrument :

BNA_N

ClientSampleId :

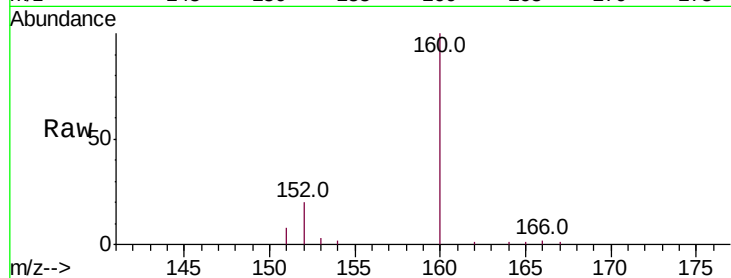
Tot Ion:152 Resp: 2848

Ion Ratio Lower Upper

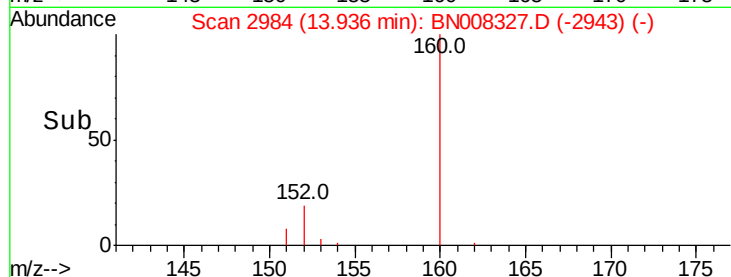
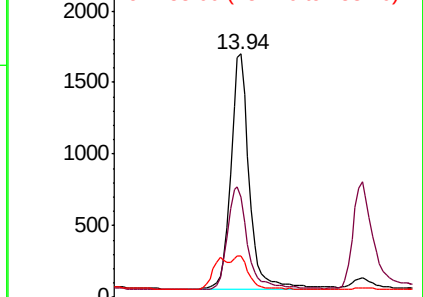
152 100

151 40.9 16.2 24.4#

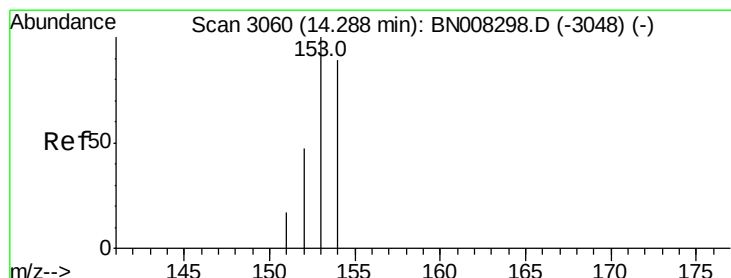
153 16.8 11.0 16.4#



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



Time-->



#8

Acenaphthene

Concen: 0.045 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

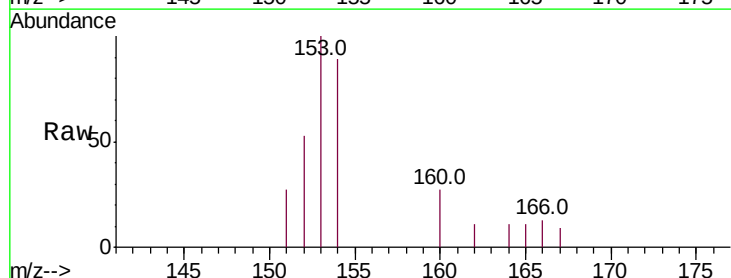
Tgt Ion:153 Resp: 887

Ion Ratio Lower Upper

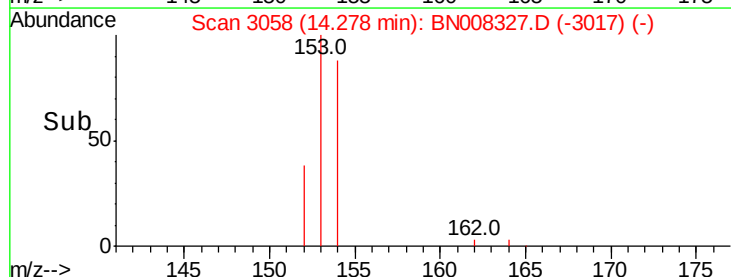
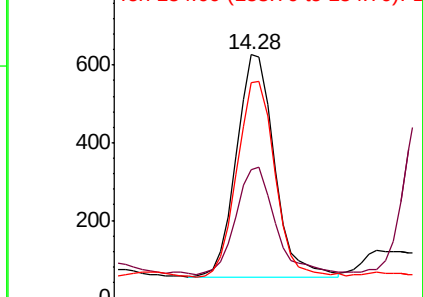
153 100

152 52.8 38.2 57.2

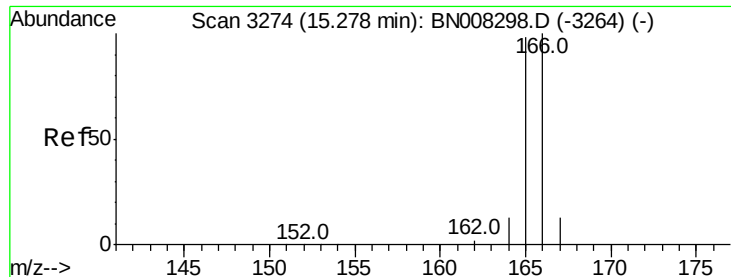
154 88.5 71.8 107.8



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



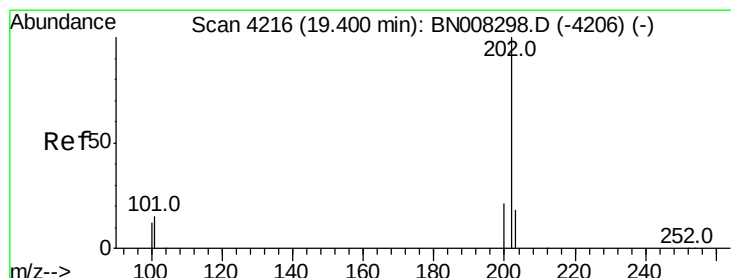
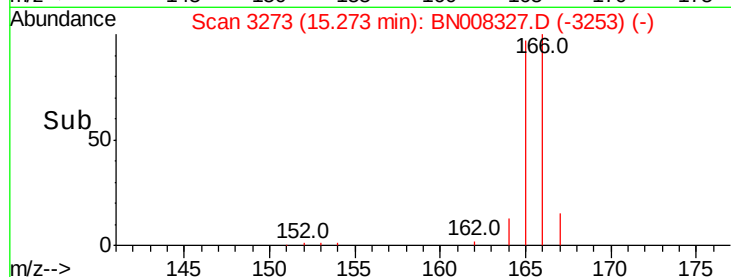
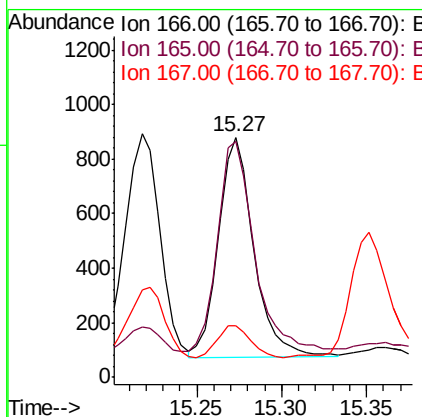
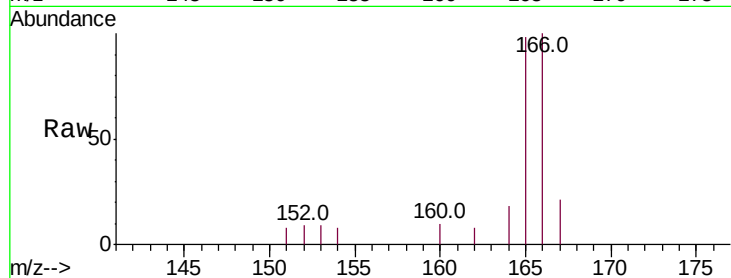
Time-->



#9
Fluorene
 Concen: 0.053 ng/ul
 RT: 15.27 min Scan# 3273
 Delta R.T. -0.01 min
 Lab File: BN008327.D
 Acq: 22 Oct 2019 22:33

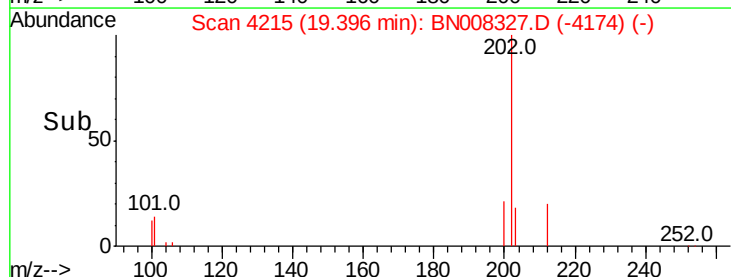
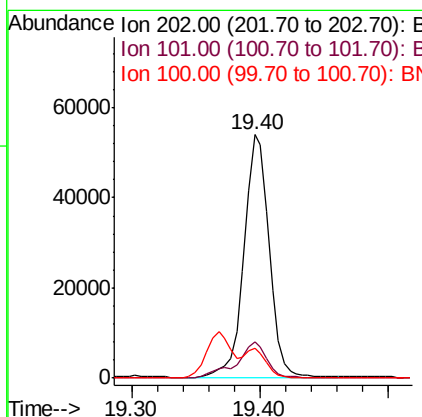
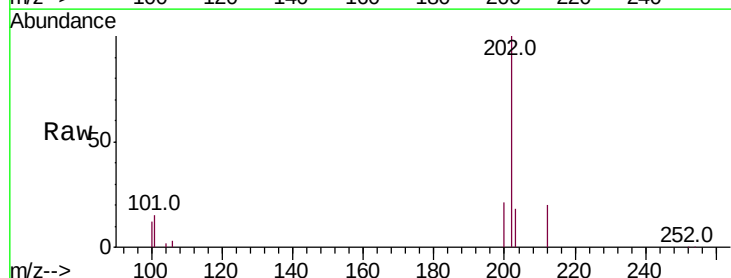
Instrument :
 BNA_N
 ClientSampled :

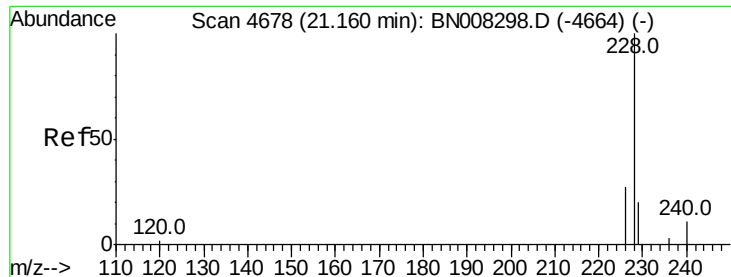
Tot Ion:166 Resp: 1173
 Ion Ratio Lower Upper
 166 100
 165 98.4 76.6 115.0
 167 21.4 11.7 17.5#



#17
Pyrene
 Concen: 1.586 ng/ul
 RT: 19.40 min Scan# 4215
 Delta R.T. -0.01 min
 Lab File: BN008327.D
 Acq: 22 Oct 2019 22:33

Tgt Ion:202 Resp: 72849
 Ion Ratio Lower Upper
 202 100
 101 14.7 10.9 16.3
 100 12.2 8.7 13.1





#18

Benzo(a)anthracene

Concen: 0.973 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

Instrument :

BNA_N

ClientSampleId :

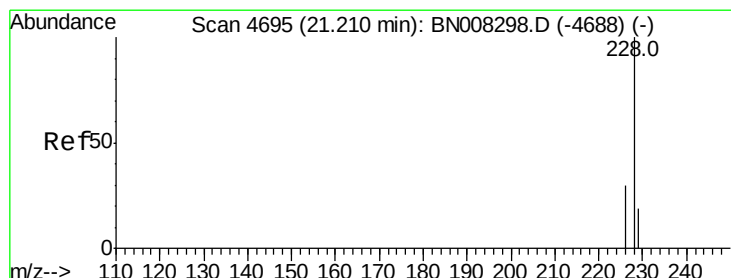
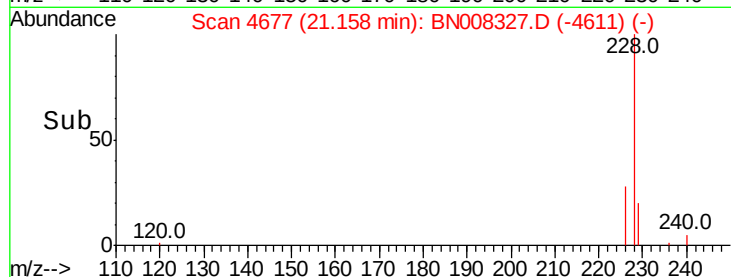
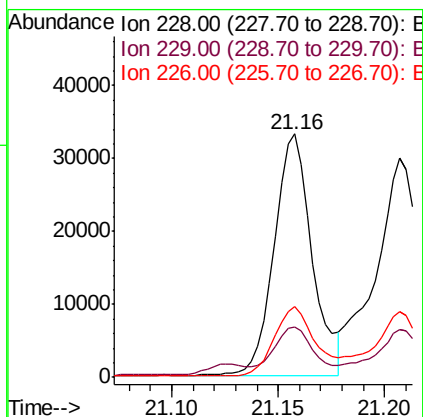
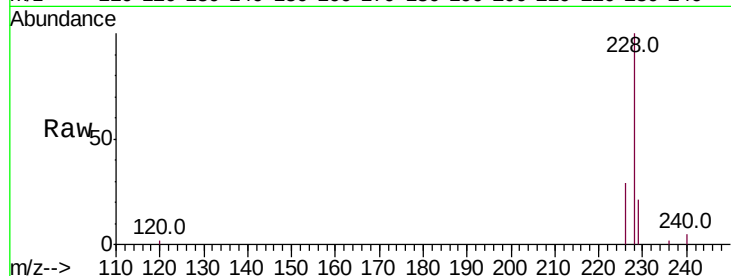
Tot Ion:228 Resp: 40800

Ion Ratio Lower Upper

228 100

229 20.9 16.2 24.2

226 29.0 21.4 32.0



#19

Chrysene

Concen: 0.885 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

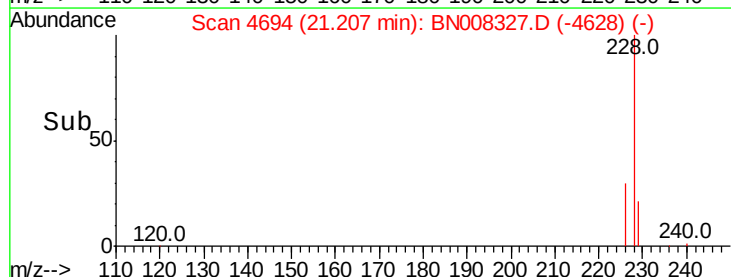
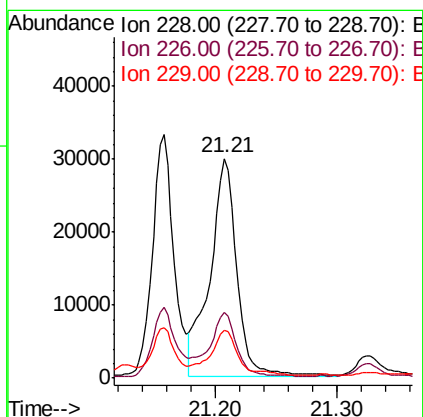
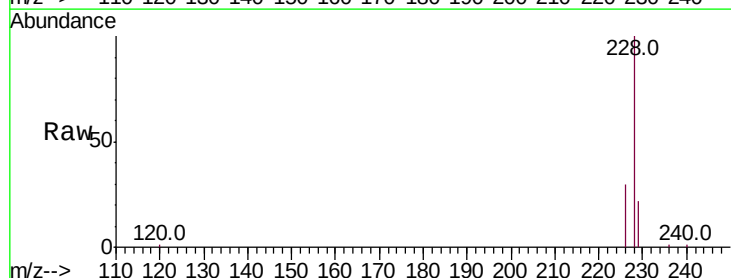
Tgt Ion:228 Resp: 45560

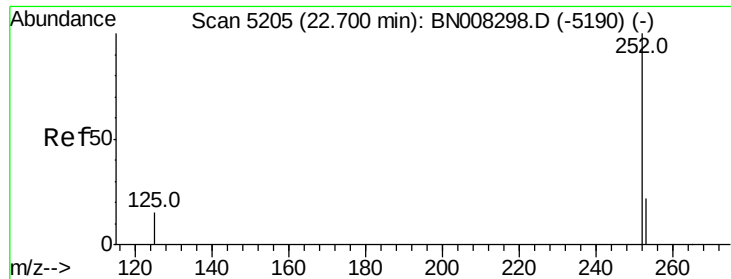
Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 21.9 16.2 24.2

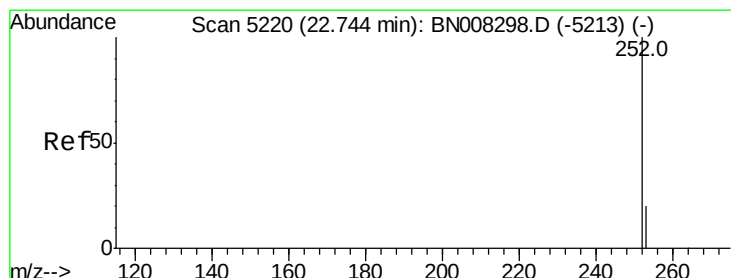
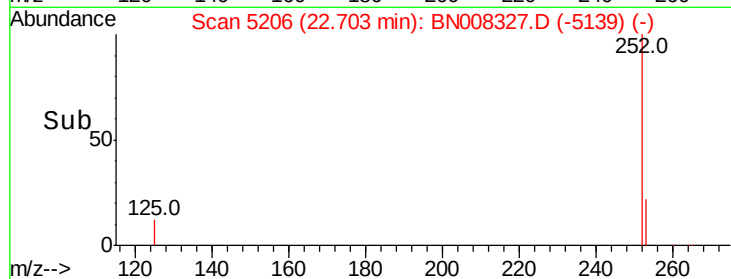
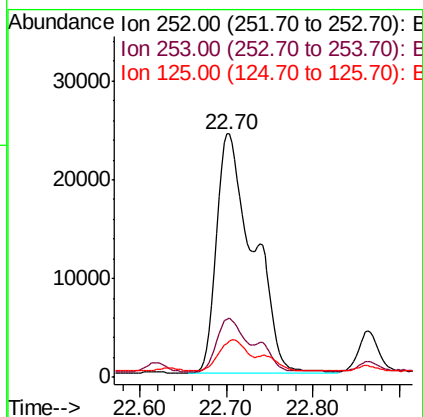
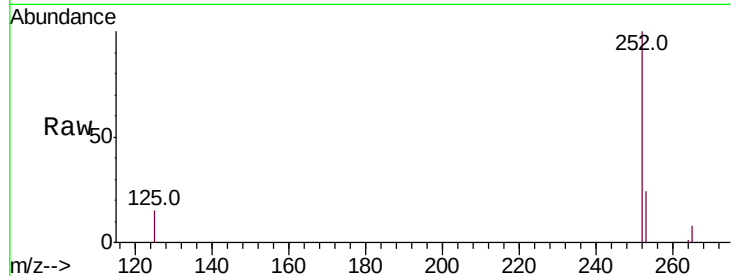




#21
Benzo(b)fluoranthene
Concen: 2.196 ng/ul
RT: 22.70 min Scan# 5206
Delta R.T. -0.01 min
Lab File: BN008327.D
Acq: 22 Oct 2019 22:33

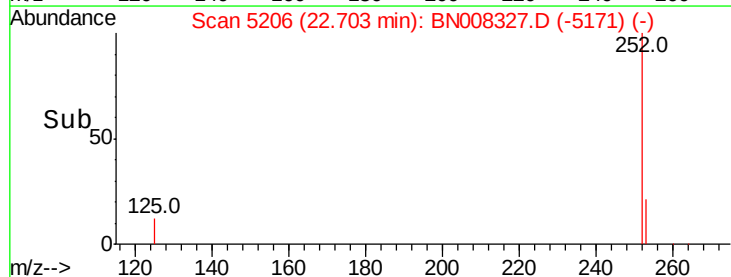
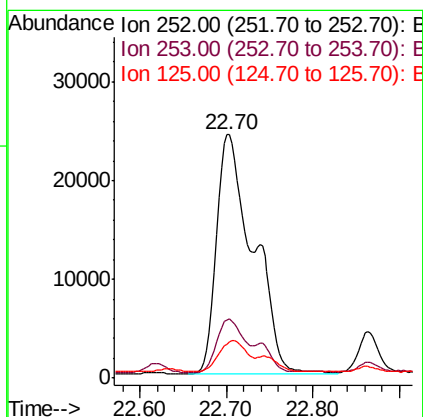
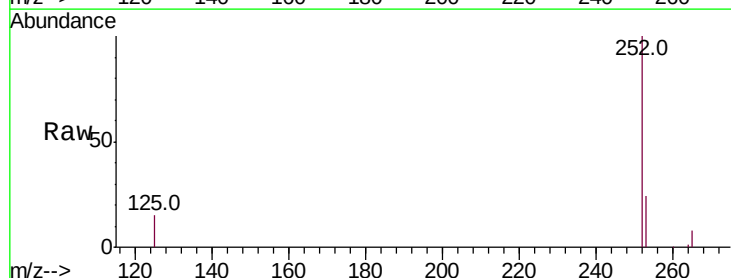
Instrument :
BNA_N
ClientSampleId :

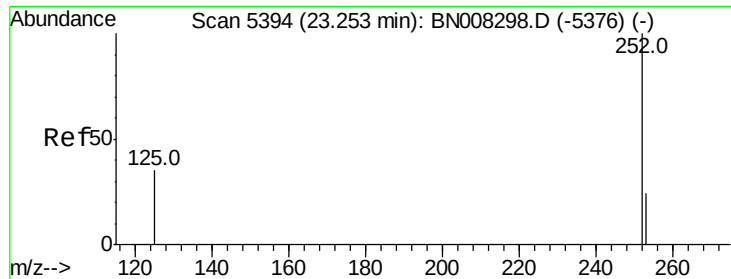
Tot Ion:252 Resp: 71802
Ion Ratio Lower Upper
252 100
253 24.2 0.0 53.4
125 14.9 0.0 32.4



#22
Benzo(k)fluoranthene
Concen: 1.939 ng/ul
RT: 22.70 min Scan# 5206
Delta R.T. -0.05 min
Lab File: BN008327.D
Acq: 22 Oct 2019 22:33

Tgt Ion:252 Resp: 71802
Ion Ratio Lower Upper
252 100
253 24.2 21.3 31.9
125 14.9 12.3 18.5





#23

Benzo(a)pyrene

Concen: 0.120 ng/ul

RT: 23.39 min Scan# 5440

Delta R.T. 0.13 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

Instrument :

BNA_N

ClientSampleId :

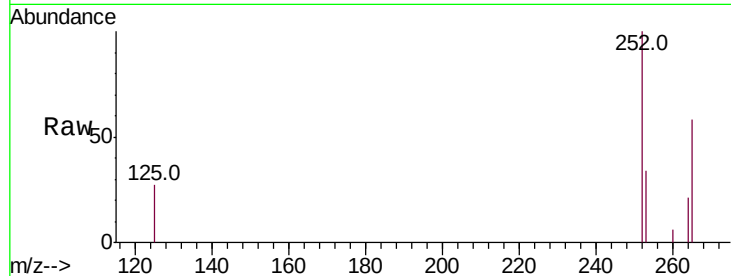
Tot Ion:252 Resp: 4134

Ion Ratio Lower Upper

252 100

253 33.8 22.8 34.2

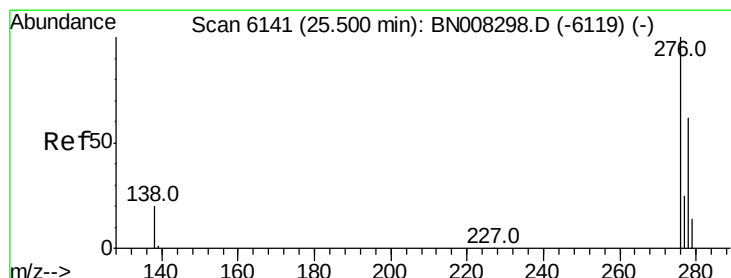
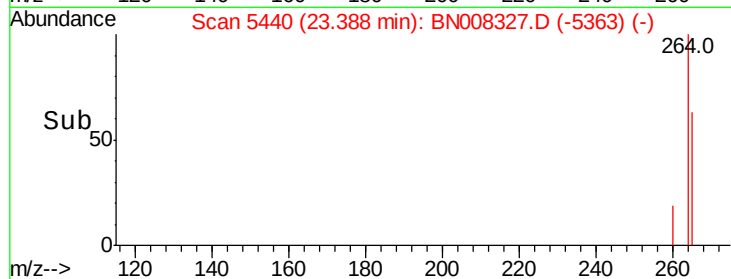
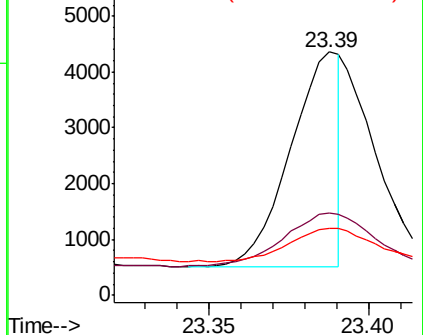
125 27.3 18.4 27.6



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: 0.518 ng/ul

RT: 25.49 min Scan# 6139

Delta R.T. -0.02 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

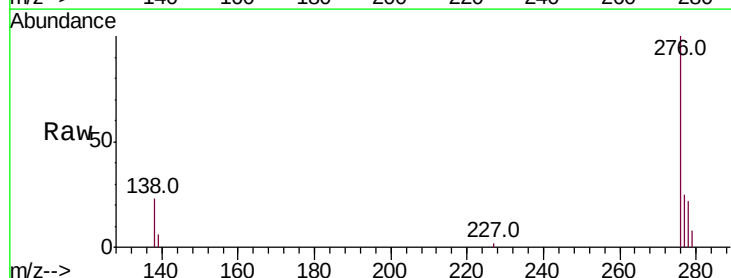
Tgt Ion:276 Resp: 20994

Ion Ratio Lower Upper

276 100

138 22.5 16.1 24.1

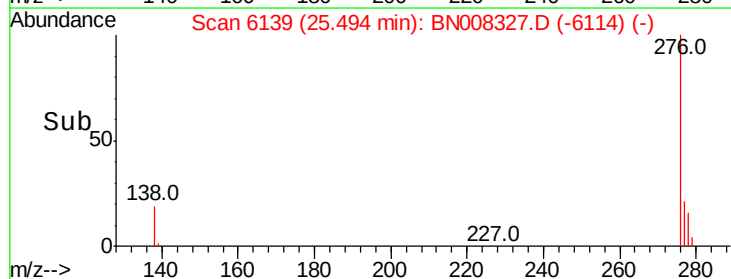
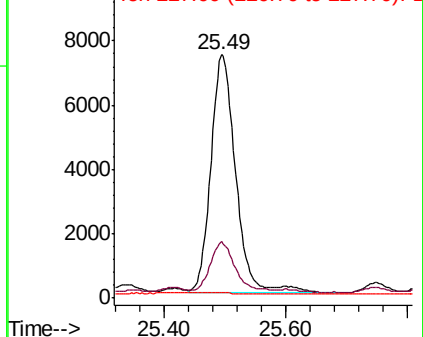
227 0.0 0.2 0.2#

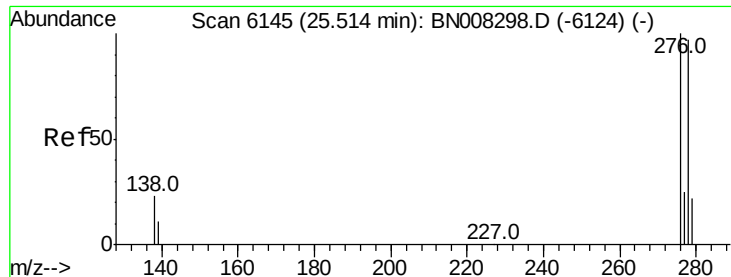


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

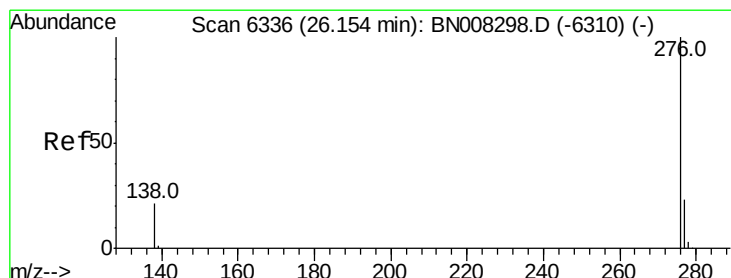
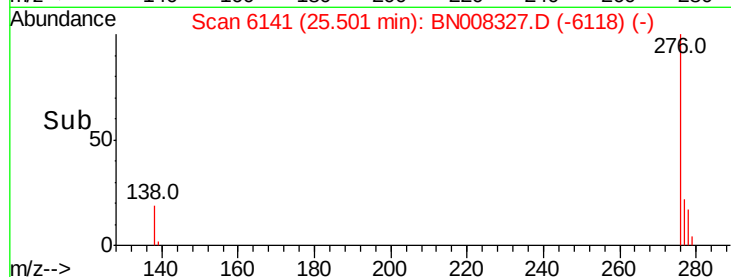
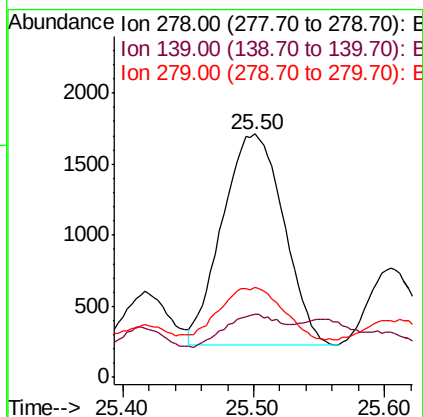
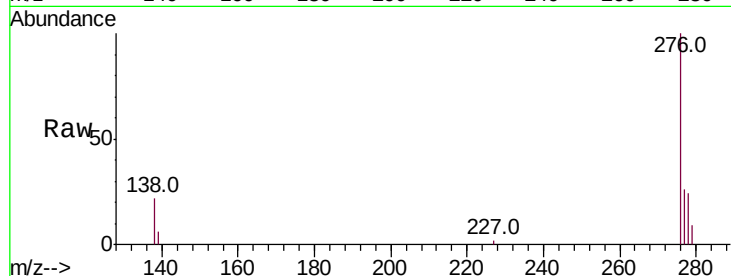




#25
Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 25.50 min Scan# 6141
Delta R.T. -0.02 min
Lab File: BN008327.D
Acq: 22 Oct 2019 22:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 4822
Ion Ratio Lower Upper
278 100
139 25.8 15.0 22.6#
279 36.9 22.4 33.6#



#26
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 26.15 min Scan# 6335
Delta R.T. -0.02 min
Lab File: BN008327.D
Acq: 22 Oct 2019 22:33

Tgt Ion:276 Resp: 15572
Ion Ratio Lower Upper
276 100
138 23.6 17.0 25.4
277 25.6 20.4 30.6

