

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008219.D
 Acq On : 17 Oct 2019 13:11
 Operator : JU
 Sample : K5175-09DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:58:34 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 : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2859	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13551	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8590	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	15114	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11048	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	941	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	2750	0.00	ng/ul	0.00

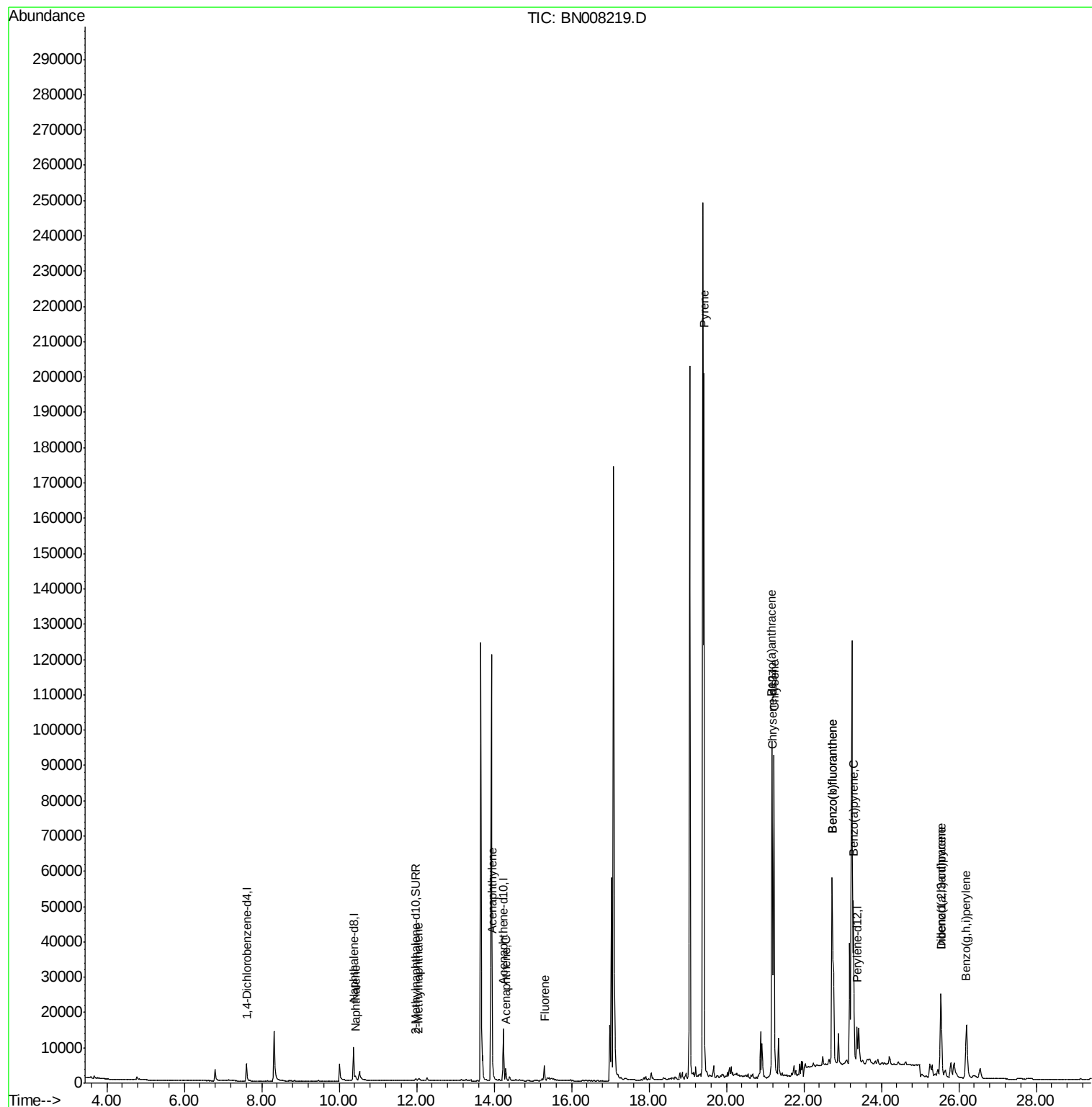
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	1575	0.041	ng/ul#	88
5) 2-Methylnaphthalene	12.05	142	765	0.029	ng/ul	96
7) Acenaphthylene	13.95	152	3554	0.087	ng/ul#	95
8) Acenaphthene	14.30	153	2073	0.065	ng/ul	98
9) Fluorene	15.30	166	2763	0.076	ng/ul#	98
17) Pyrene	19.42	202	166094	2.760	ng/ul	100
18) Benzo(a)anthracene	21.18	228	77545	1.411	ng/ul	98
19) Chrysene	21.23	228	91175	1.352	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	121555	3.380	ng/ul	93
22) Benzo(k)fluoranthene	22.73	252	121555	2.984	ng/ul	94
23) Benzo(a)pyrene	23.28	252	58173	1.537	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.54	276	39066	0.876	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.54	278	8631	0.245	ng/ul	91
26) Benzo(g,h,i)perylene	26.20	276	32423	0.793	ng/ul	99

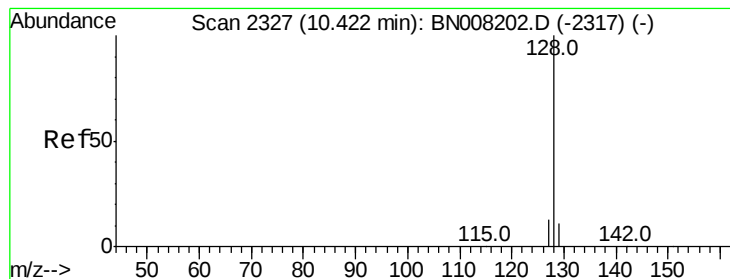
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.041 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

Instrument :

BNA_N

ClientSampleId :

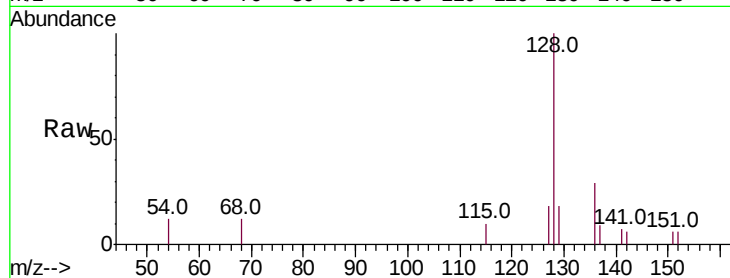
Tot Ion:128 Resp: 1575

Ion Ratio Lower Upper

128 100

129 17.8 9.8 14.8#

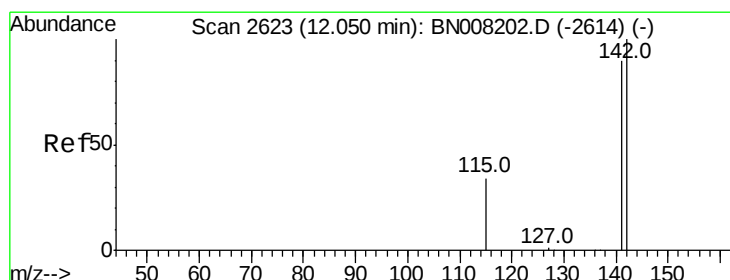
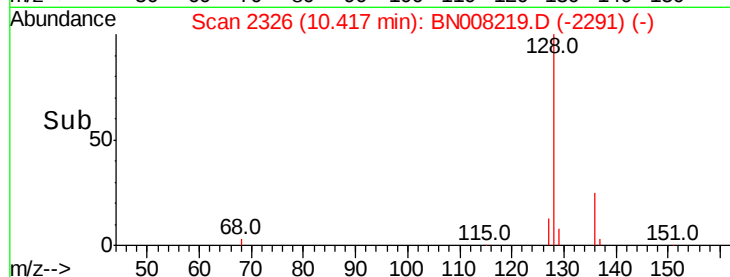
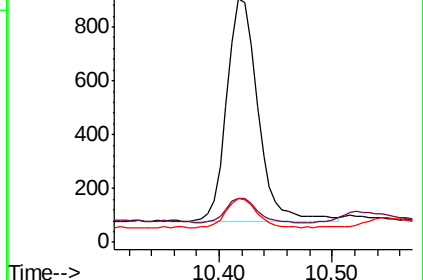
127 18.1 11.1 16.7#



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



#5

2-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.05 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BN008219.D

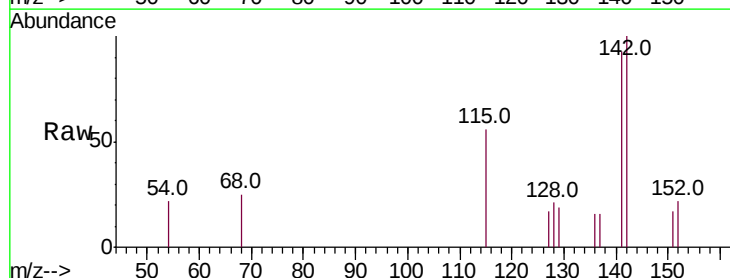
Acq: 17 Oct 2019 13:11

Tgt Ion:142 Resp: 765

Ion Ratio Lower Upper

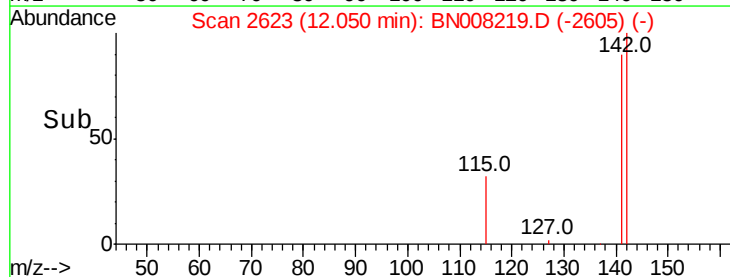
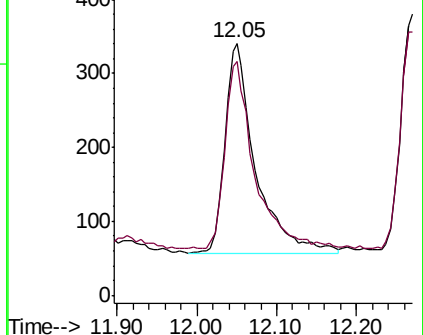
142 100

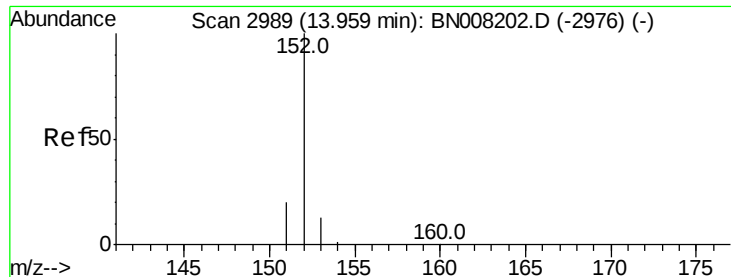
141 85.2 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.087 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008219.D

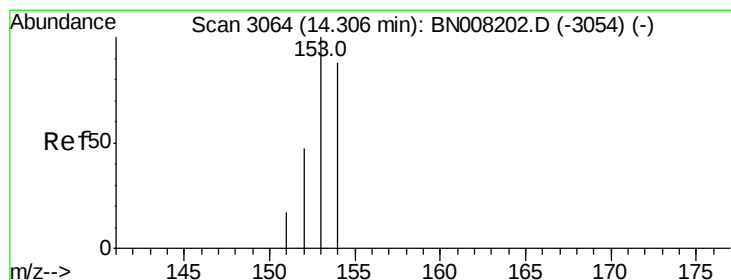
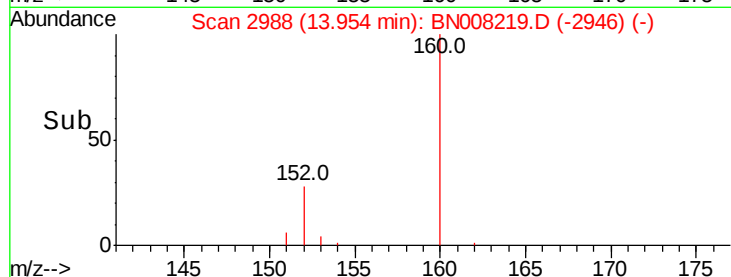
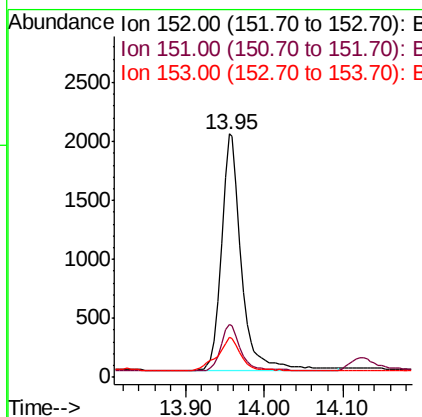
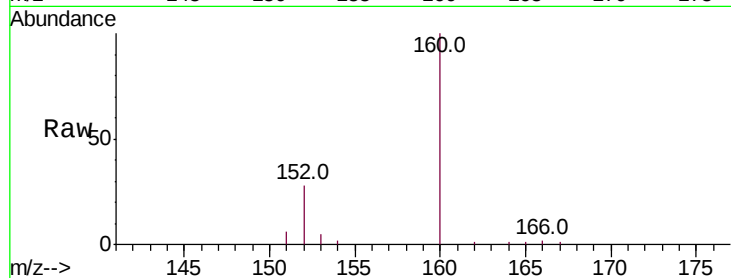
Acq: 17 Oct 2019 13:11

Instrument :

BNA_N

ClientSampled :

Tot Ion:	152	Resp:	3554
Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.2	24.4
153	16.5	11.0	16.4#



#8

Acenaphthene

Concen: 0.065 ng/ul

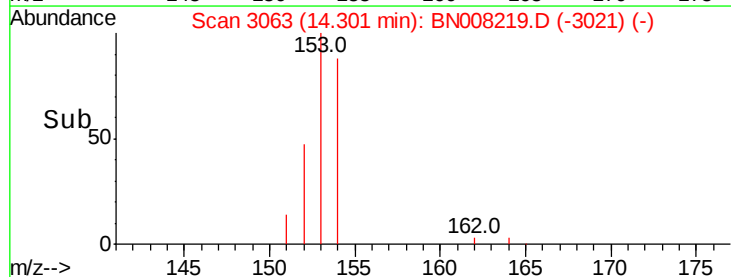
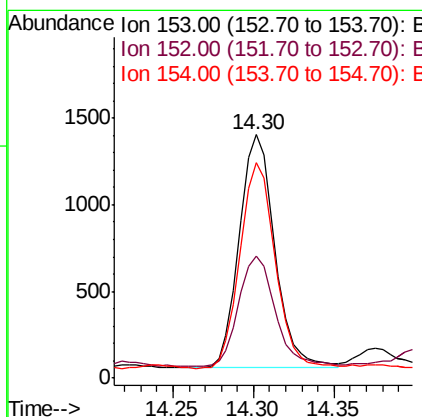
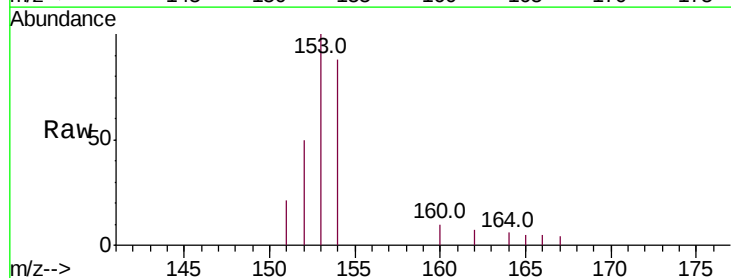
RT: 14.30 min Scan# 3063

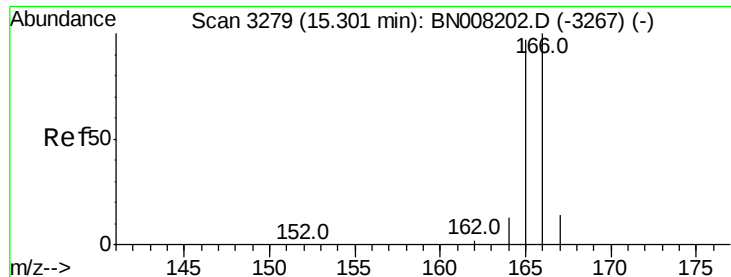
Delta R.T. -0.00 min

Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

Tgt Ion:	153	Resp:	2073
Ion	Ratio	Lower	Upper
153	100		
152	50.3	38.2	57.2
154	88.3	71.8	107.8

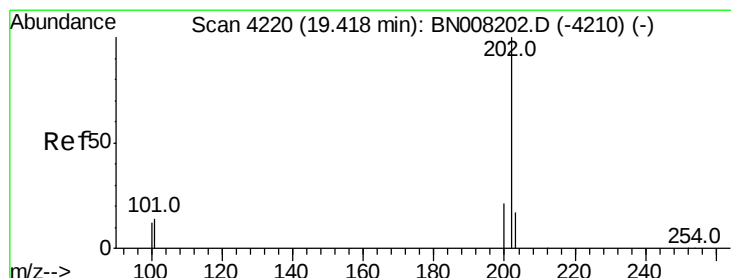
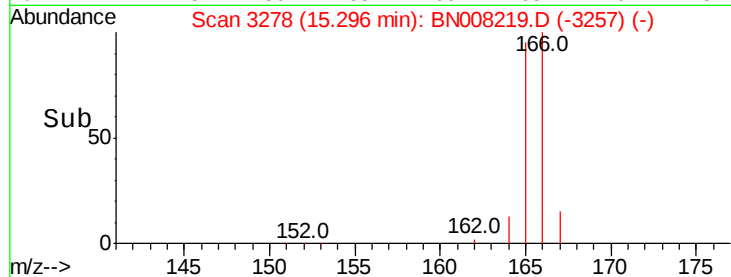
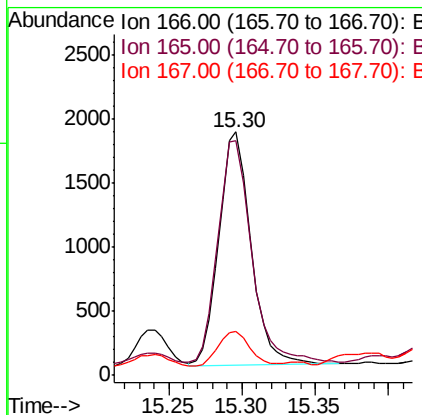
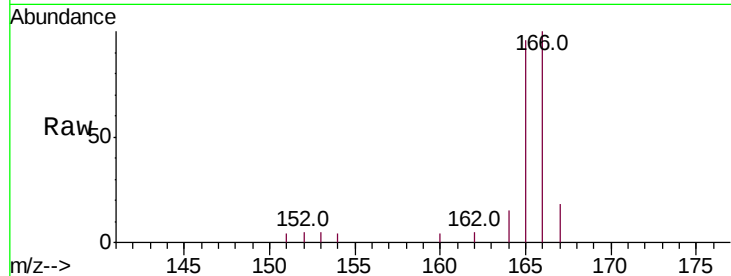




#9
Fluorene
 Concen: 0.076 ng/ul
 RT: 15.30 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BN008219.D
 Acq: 17 Oct 2019 13:11

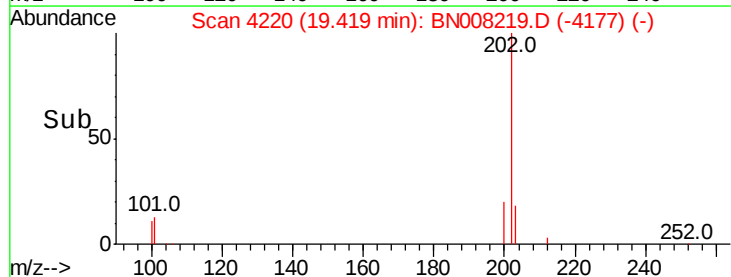
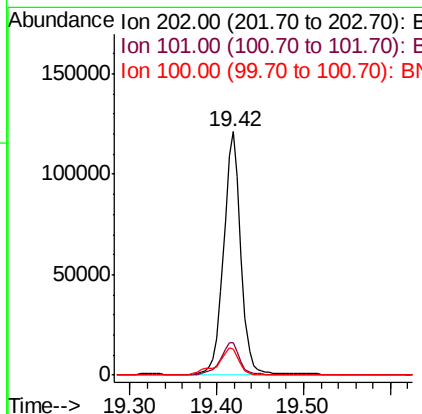
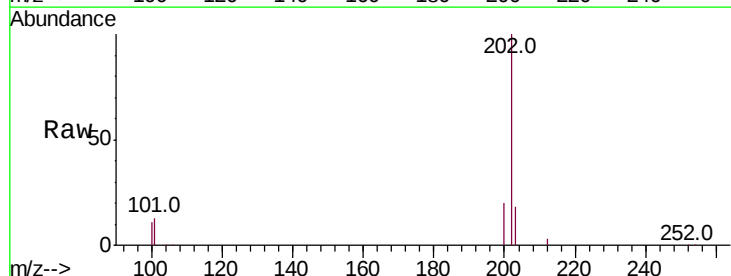
Instrument :
 BNA_N
 ClientSampleId :

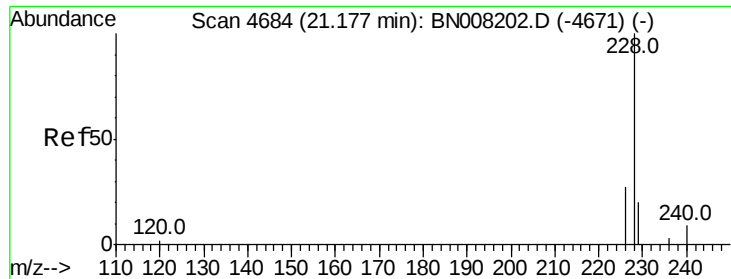
Tot Ion:166 Resp: 2763
 Ion Ratio Lower Upper
 166 100
 165 96.5 76.6 115.0
 167 18.0 11.7 17.5#



#17
Pyrene
 Concen: 2.760 ng/ul
 RT: 19.42 min Scan# 4220
 Delta R.T. 0.00 min
 Lab File: BN008219.D
 Acq: 17 Oct 2019 13:11

Tgt Ion:202 Resp: 166094
 Ion Ratio Lower Upper
 202 100
 101 13.4 10.9 16.3
 100 10.9 8.7 13.1

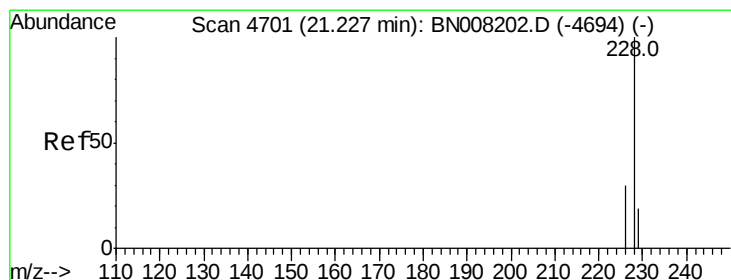
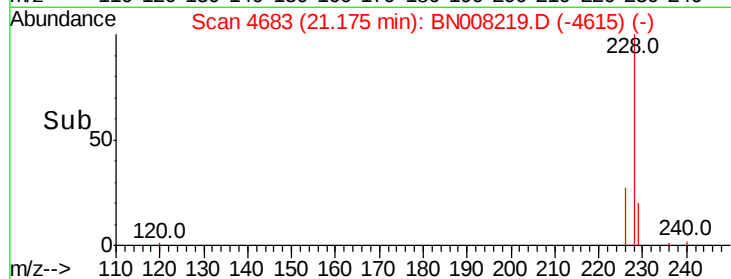
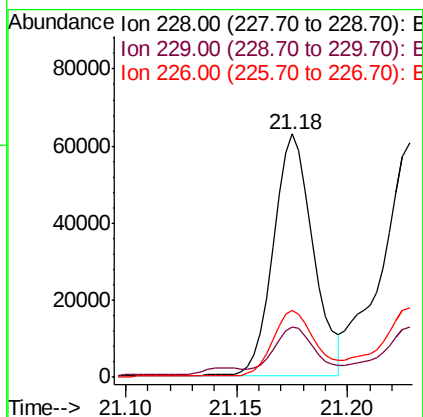
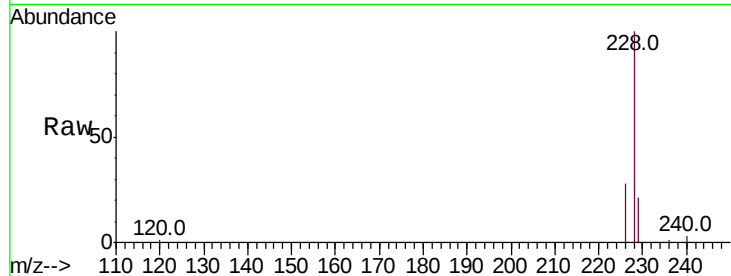




#18
Benzo(a)anthracene
Concen: 1.411 ng/ul
RT: 21.18 min Scan# 4683
Delta R.T. -0.00 min
Lab File: BN008219.D
Acq: 17 Oct 2019 13:11

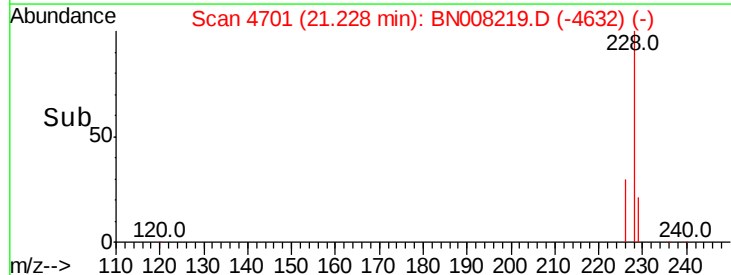
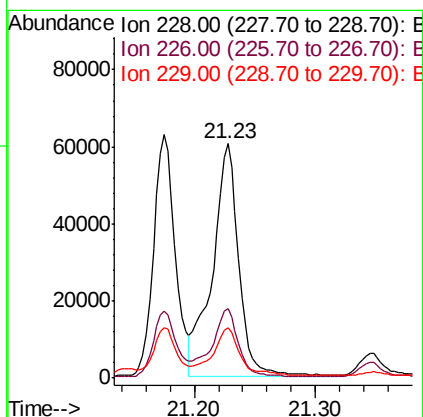
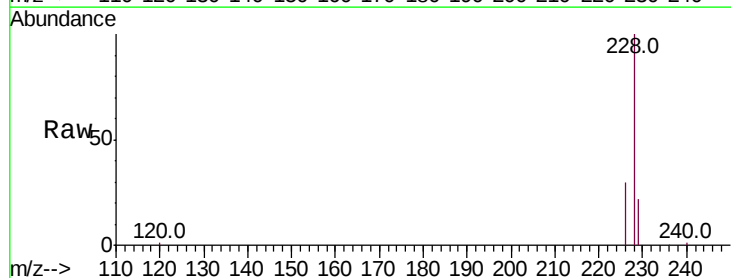
Instrument :
BNA_N
ClientSampleId :

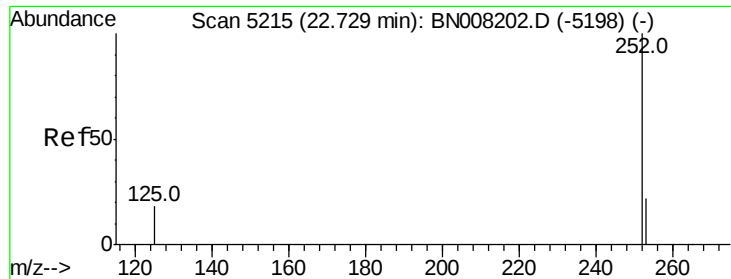
Tot Ion:228 Resp: 77545
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 27.8 21.4 32.0



#19
Chrysene
Concen: 1.352 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. 0.00 min
Lab File: BN008219.D
Acq: 17 Oct 2019 13:11

Tgt Ion:228 Resp: 91175
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 21.6 16.2 24.2





#21

Benzo(b)fluoranthene

Concen: 3.380 ng/ul

RT: 22.73 min Scan# 5214

Delta R.T. -0.00 min

Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

Instrument :

BNA_N

ClientSampled :

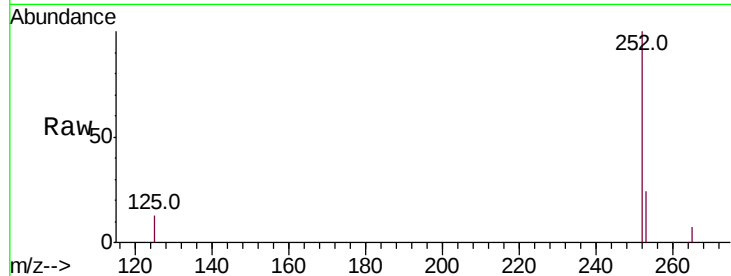
Tot Ion:252 Resp: 121555

Ion Ratio Lower Upper

252 100

253 23.5 0.0 53.4

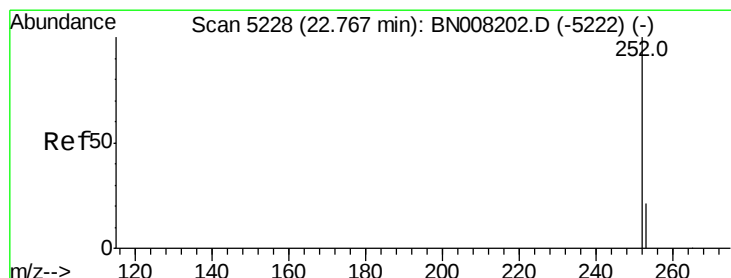
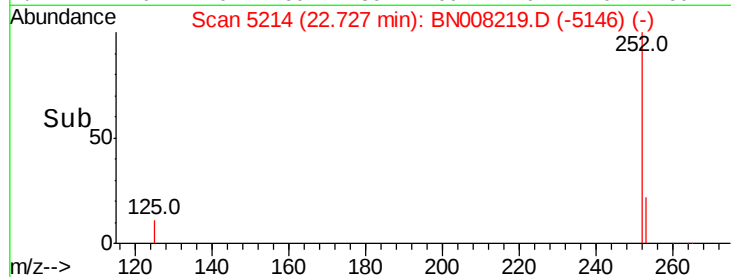
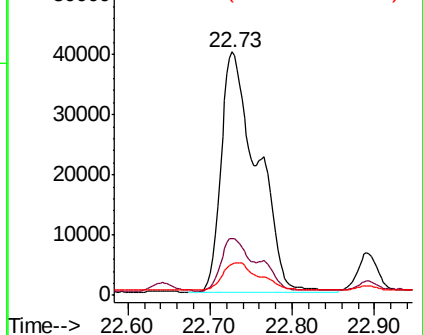
125 12.9 0.0 32.4



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: 2.984 ng/ul

RT: 22.73 min Scan# 5214

Delta R.T. -0.04 min

Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

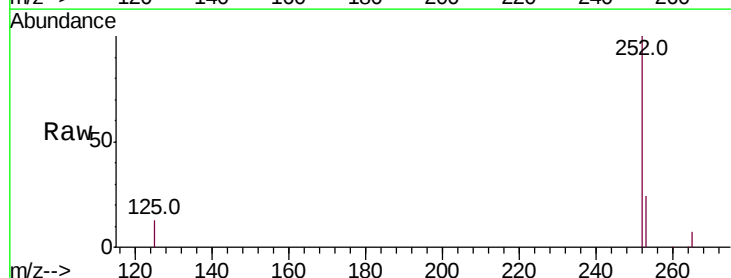
Tgt Ion:252 Resp: 121555

Ion Ratio Lower Upper

252 100

253 23.5 21.3 31.9

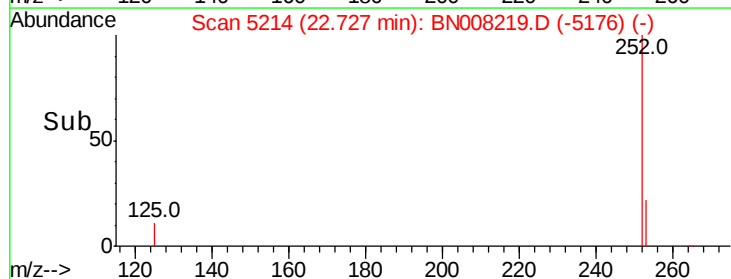
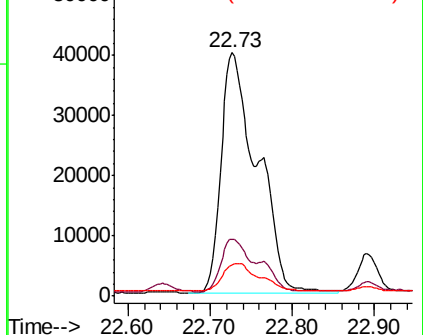
125 12.9 12.3 18.5

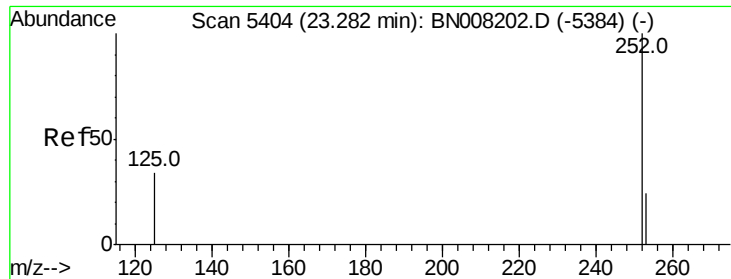


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.537 ng/ul

RT: 23.28 min Scan# 5403

Delta R.T. -0.00 min

Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

Instrument :

BNA_N

ClientSampleId :

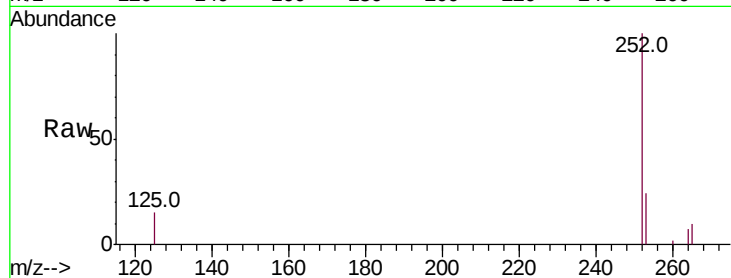
Tot Ion:252 Resp: 58173

Ion Ratio Lower Upper

252 100

253 24.0 22.8 34.2

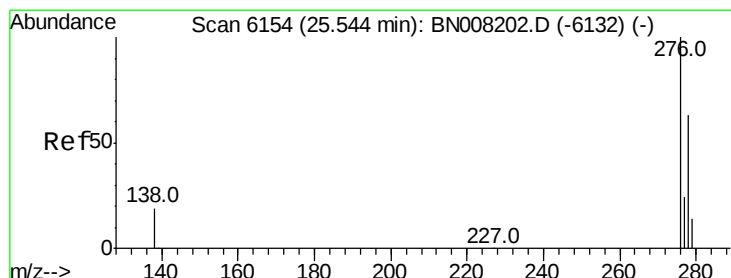
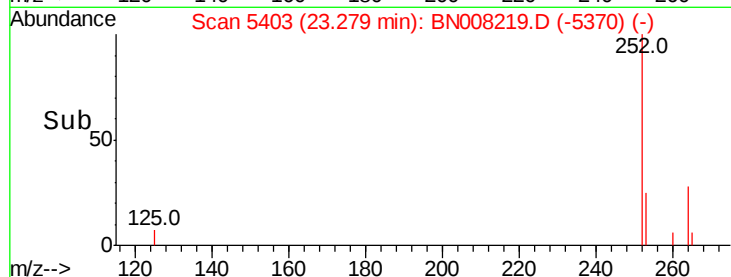
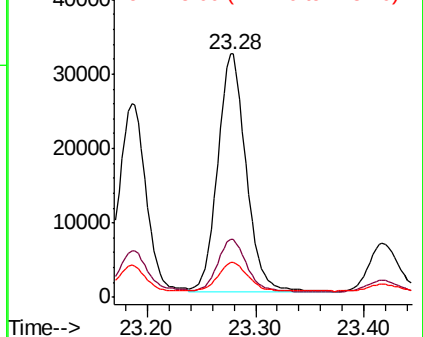
125 14.5 18.4 27.6#



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: 0.876 ng/ul

RT: 25.54 min Scan# 6152

Delta R.T. -0.01 min

Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

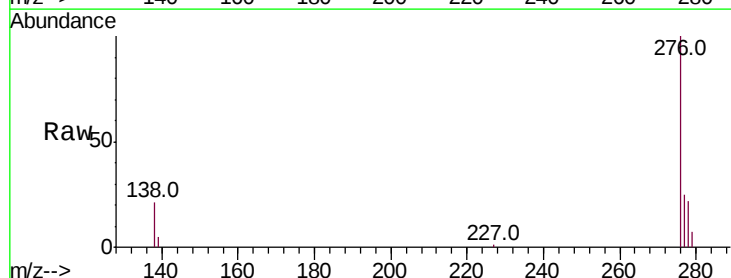
Tgt Ion:276 Resp: 39066

Ion Ratio Lower Upper

276 100

138 18.6 16.1 24.1

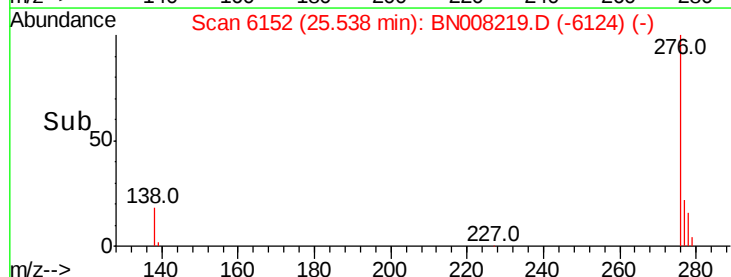
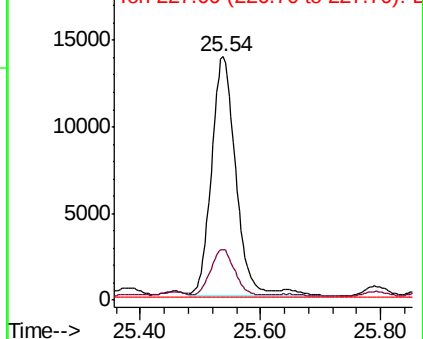
227 0.1 0.2 0.2#

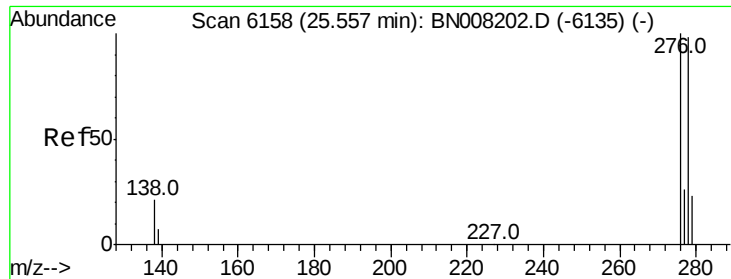


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

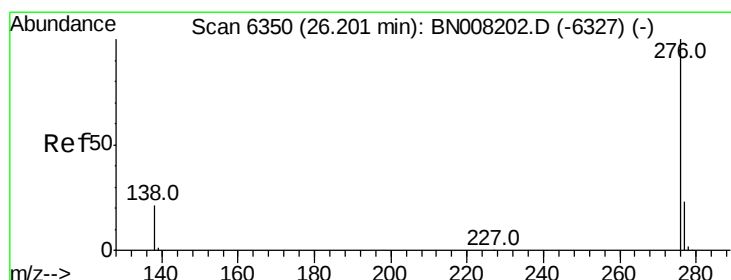
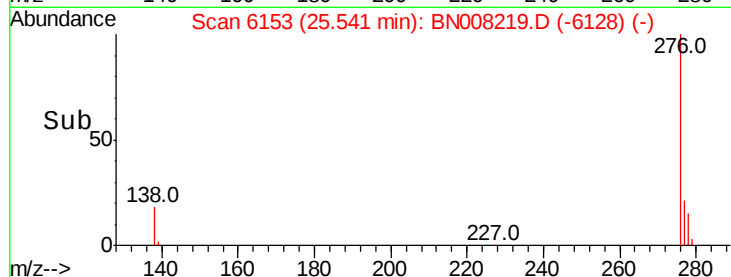
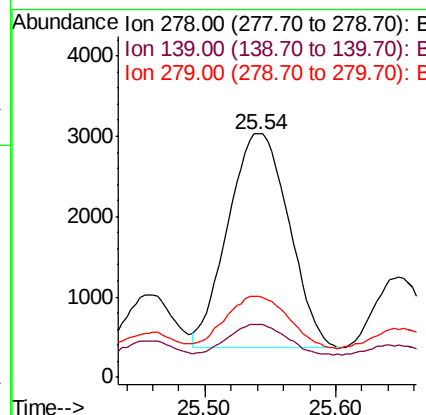
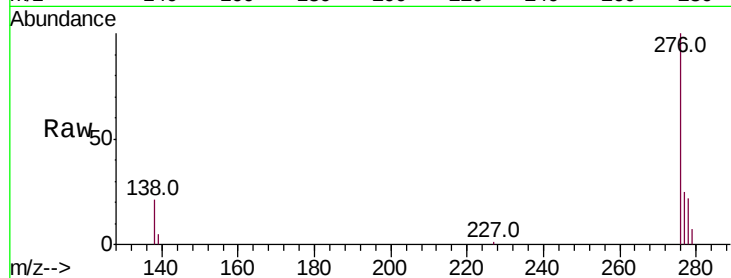




#25
Dibenzo(a,h)anthracene
Concen: 0.245 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.02 min
Lab File: BN008219.D
Acq: 17 Oct 2019 13:11

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 8631
Ion Ratio Lower Upper
278 100
139 21.8 15.0 22.6
279 33.2 22.4 33.6



#26
Benzo(g,h,i)perylene
Concen: 0.793 ng/ul
RT: 26.20 min Scan# 6349
Delta R.T. -0.00 min
Lab File: BN008219.D
Acq: 17 Oct 2019 13:11

Tgt Ion:276 Resp: 32423
Ion Ratio Lower Upper
276 100
138 22.0 17.0 25.4
277 25.0 20.4 30.6

