

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008303.D
 Acq On : 22 Oct 2019 03:48
 Operator : JU
 Sample : K5199-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 22 04:44:05 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

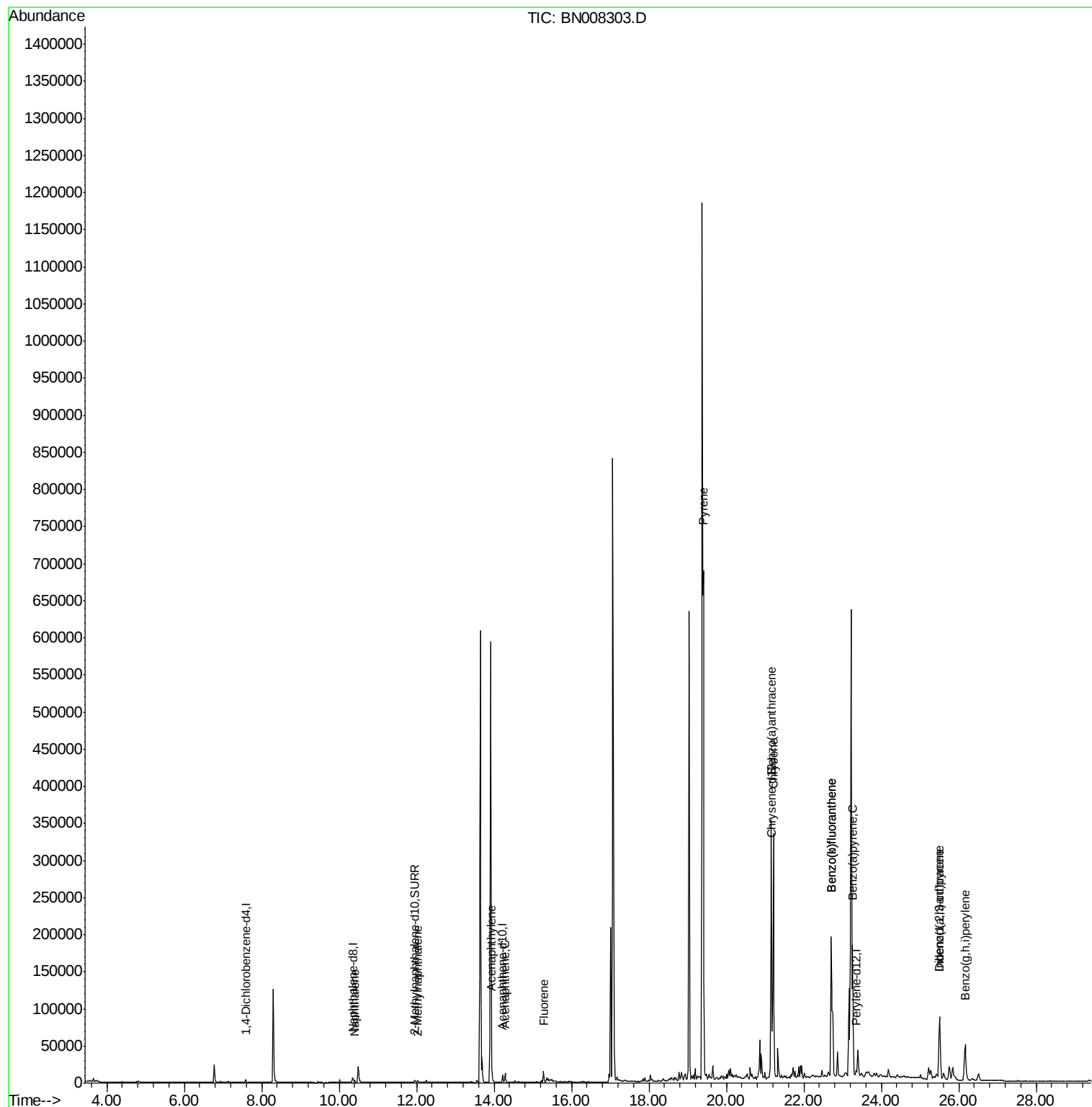
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1976	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9302	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5893	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.17	240	10624	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9105	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4877	0.31	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	15272	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	4181	0.158	ng/ul	97
5) 2-Methylnaphthalene	12.02	142	2224	0.122	ng/ul	100
7) Acenaphthylene	13.94	152	12277	0.437	ng/ul	99
8) Acenaphthene	14.28	153	7348	0.337	ng/ul	98
9) Fluorene	15.28	166	9546	0.385	ng/ul	97
17) Pyrene	19.40	202	531555	12.566	ng/ul	99
18) Benzo(a)anthracene	21.16	228	293928	7.610	ng/ul	98
19) Chrysene	21.21	228	316478	6.677	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	400036	13.497	ng/ul	92
22) Benzo(k)fluoranthene	22.71	252	400036	11.914	ng/ul#	93
23) Benzo(a)pyrene	23.26	252	212090	6.800	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.50	276	122681	3.340	ng/ul	99
25) Dibenzo(a,h)anthracene	25.50	278	35416	1.220	ng/ul	96
26) Benzo(g,h,i)perylene	26.16	276	93753	2.783	ng/ul	99

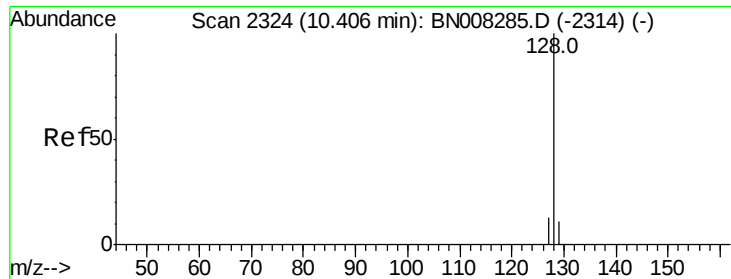
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.158 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN008303.D

Acq: 22 Oct 2019 03:48

Instrument :

BNA_N

ClientSampleId :

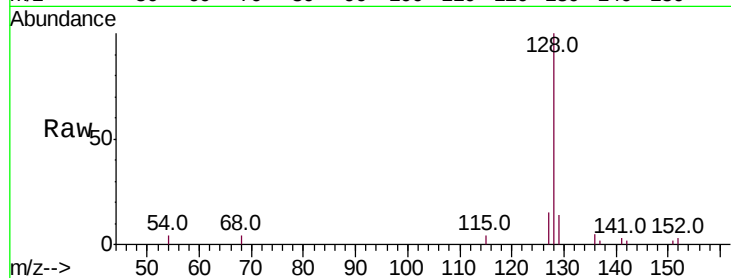
Tot Ion:128 Resp: 4181

Ion Ratio Lower Upper

128 100

129 13.9 9.8 14.8

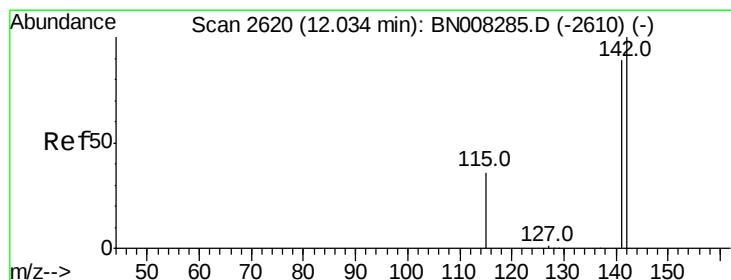
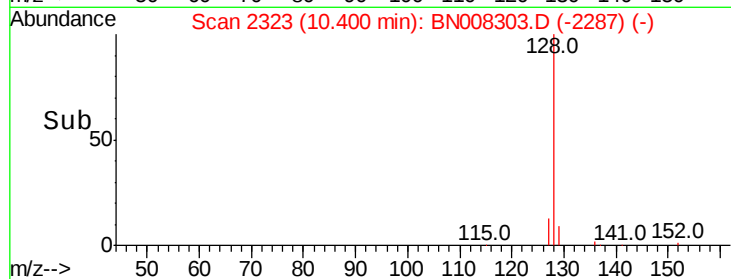
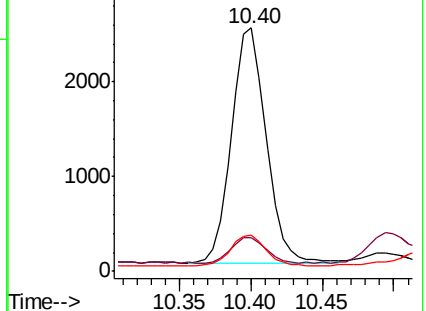
127 15.0 11.1 16.7



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: 0.122 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BN008303.D

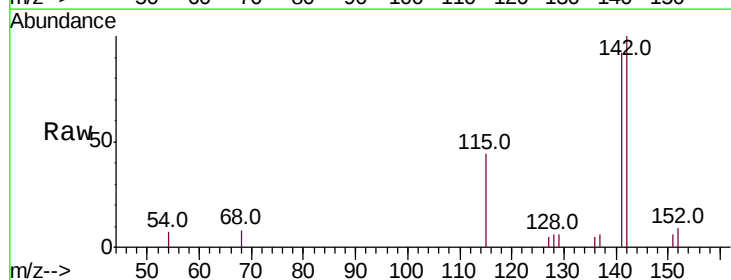
Acq: 22 Oct 2019 03:48

Tgt Ion:142 Resp: 2224

Ion Ratio Lower Upper

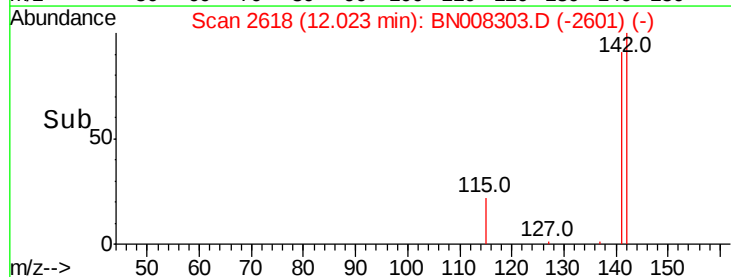
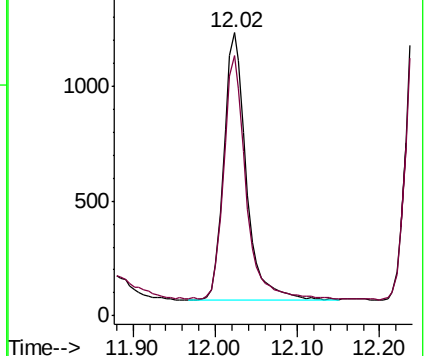
142 100

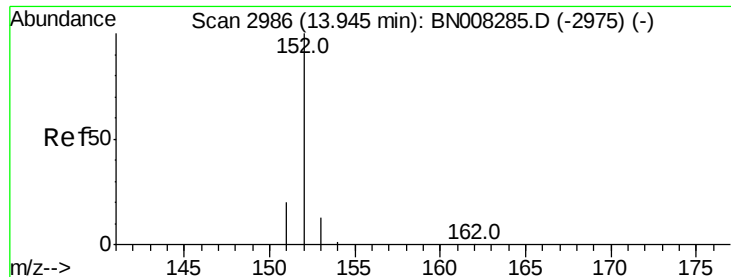
141 88.9 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.437 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008303.D

Acq: 22 Oct 2019 03:48

Instrument :

BNA_N

ClientSampleId :

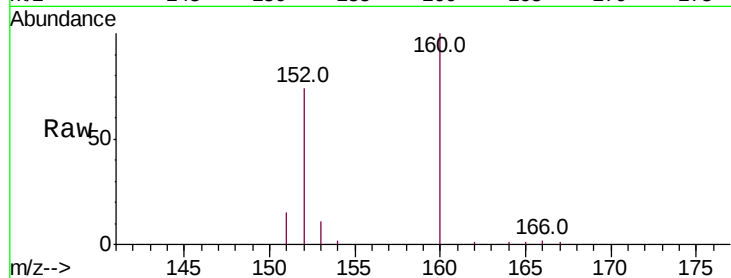
Tot Ion:152 Resp: 12277

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

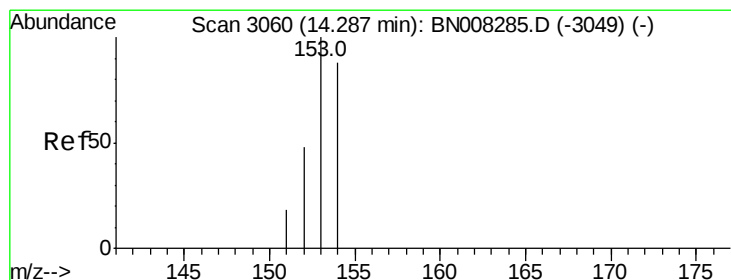
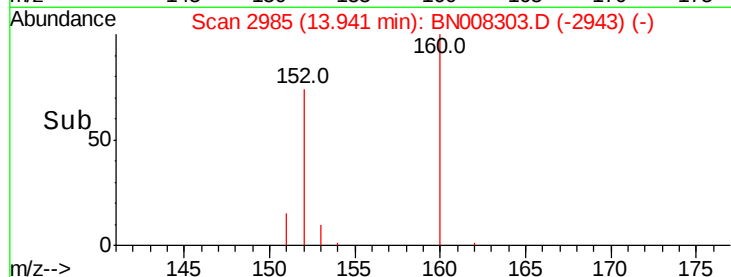
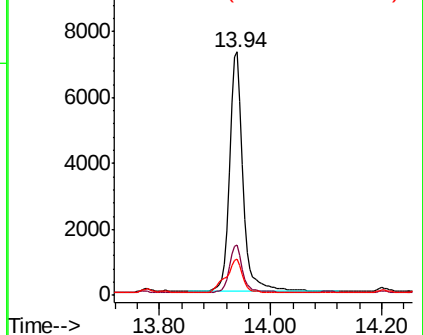
153 14.7 11.0 16.4



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



#8

Acenaphthene

Concen: 0.337 ng/ul

RT: 14.28 min Scan# 3059

Delta R.T. -0.00 min

Lab File: BN008303.D

Acq: 22 Oct 2019 03:48

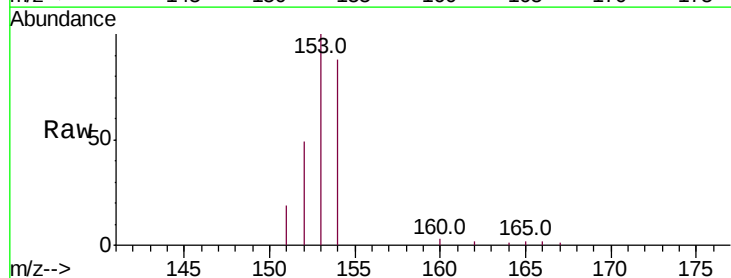
Tgt Ion:153 Resp: 7348

Ion Ratio Lower Upper

153 100

152 49.3 38.2 57.2

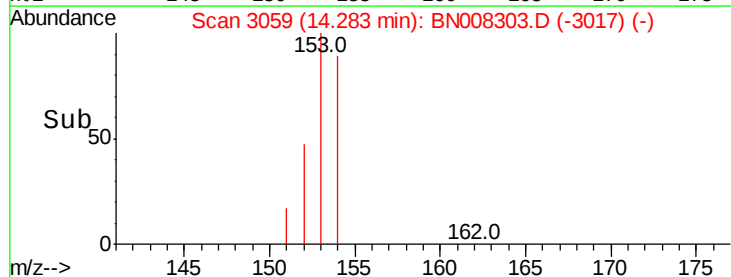
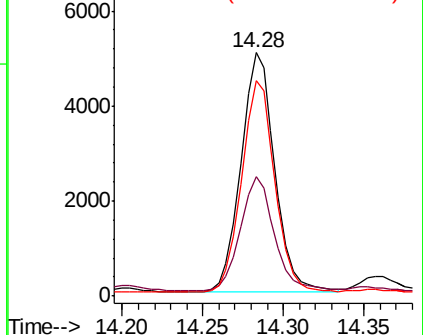
154 88.5 71.8 107.8

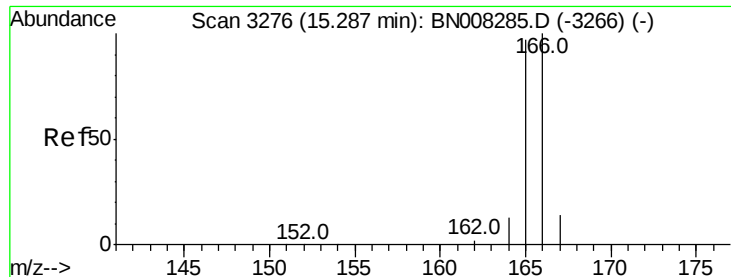


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.385 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.00 min

Lab File: BN008303.D

Acq: 22 Oct 2019 03:48

Instrument :

BNA_N

ClientSampleId :

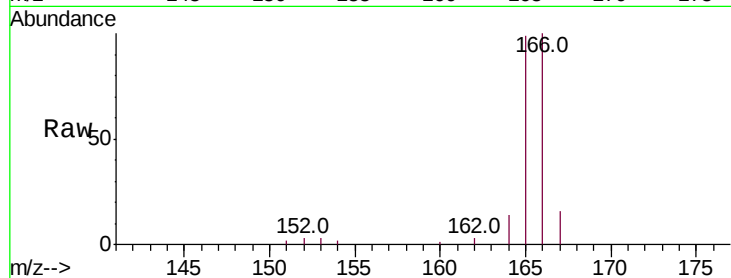
Tot Ion:166 Resp: 9546

Ion Ratio Lower Upper

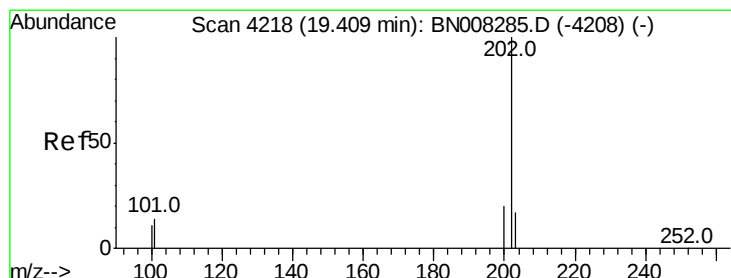
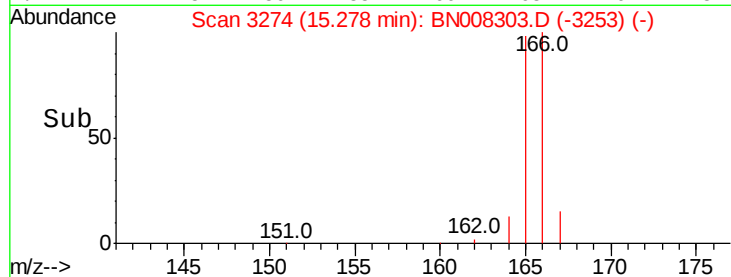
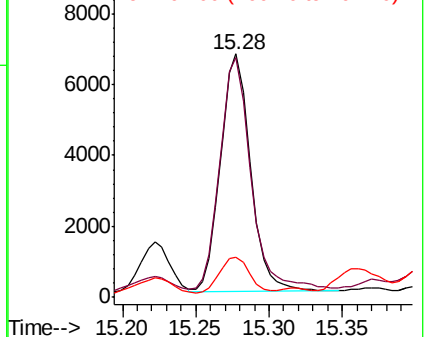
166 100

165 98.7 76.6 115.0

167 16.5 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



#17

Pyrene

Concen: 12.566 ng/ul

RT: 19.40 min Scan# 4217

Delta R.T. 0.00 min

Lab File: BN008303.D

Acq: 22 Oct 2019 03:48

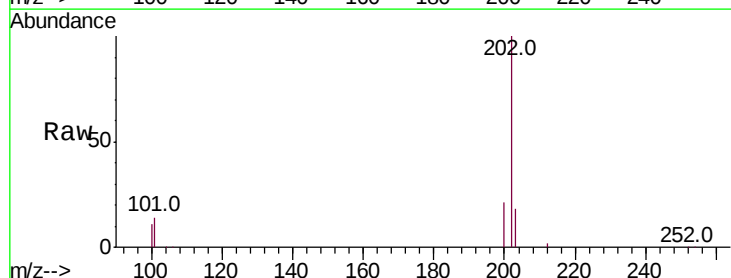
Tgt Ion:202 Resp: 531555

Ion Ratio Lower Upper

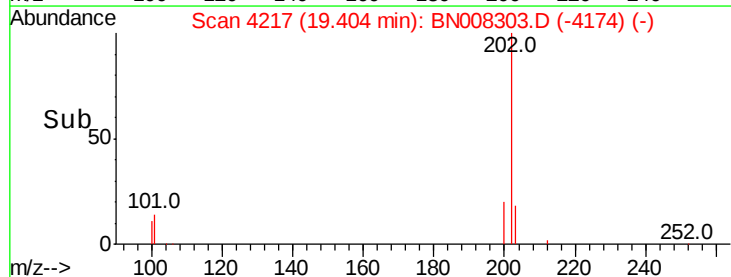
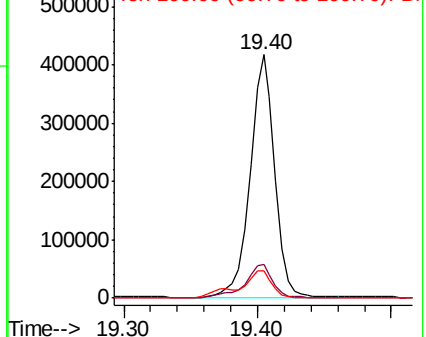
202 100

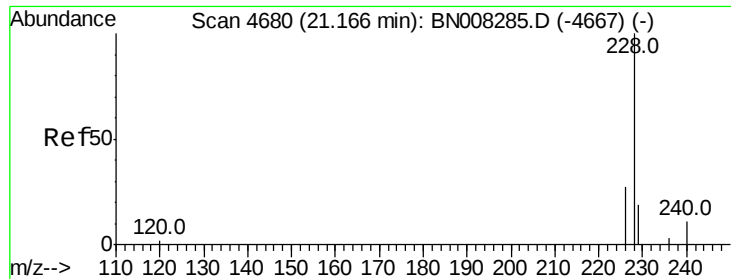
101 13.8 10.9 16.3

100 11.1 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

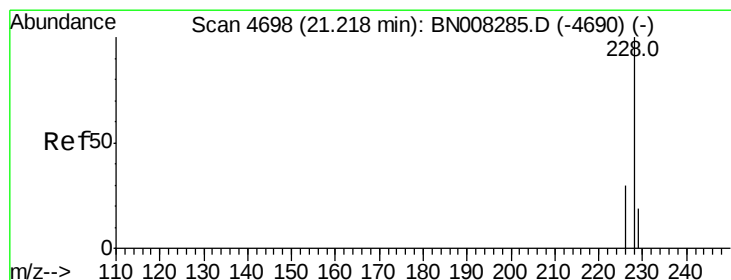
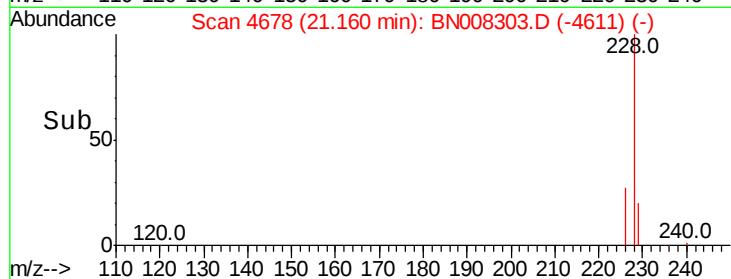
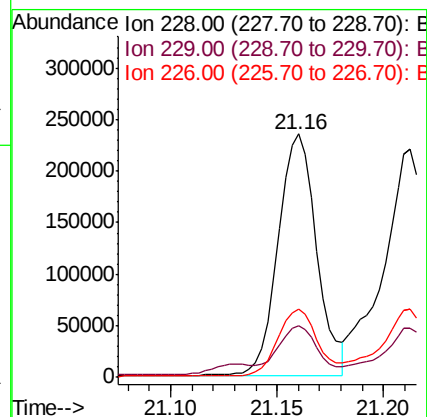
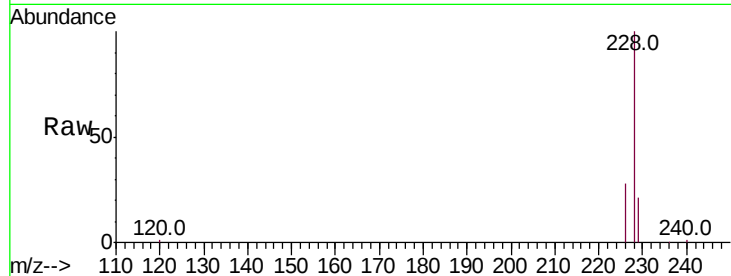




#18
Benzo(a)anthracene
Concen: 7.610 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

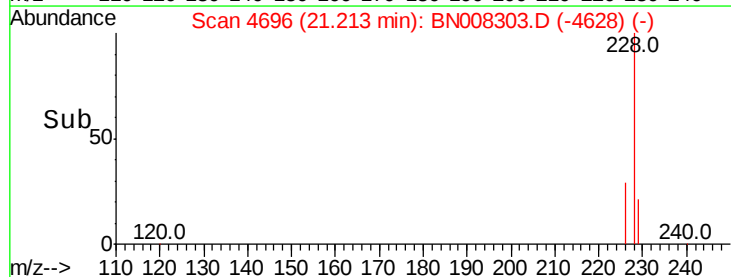
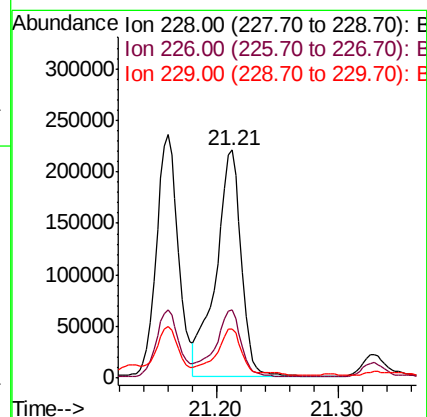
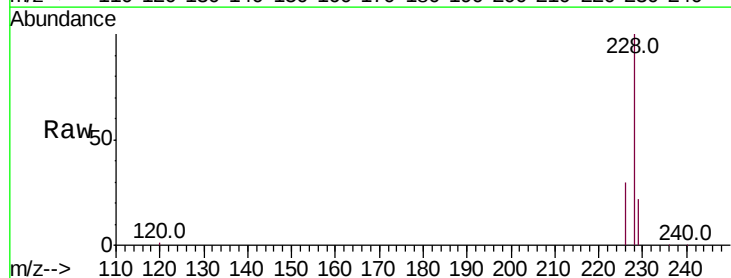
Instrument :
BNA_N
ClientSampleId :

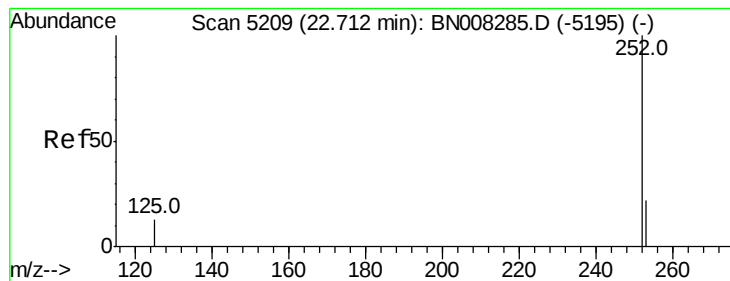
Tot Ion:228 Resp: 293928
Ion Ratio Lower Upper
228 100
229 21.1 16.2 24.2
226 27.8 21.4 32.0



#19
Chrysene
Concen: 6.677 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:228 Resp: 316478
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 21.6 16.2 24.2





#21

Benzo(b)fluoranthene

Concen: 13.497 ng/ul

RT: 22.71 min Scan# 5207

Delta R.T. -0.00 min

Lab File: BN008303.D

Acq: 22 Oct 2019 03:48

Instrument :

BNA_N

ClientSampleId :

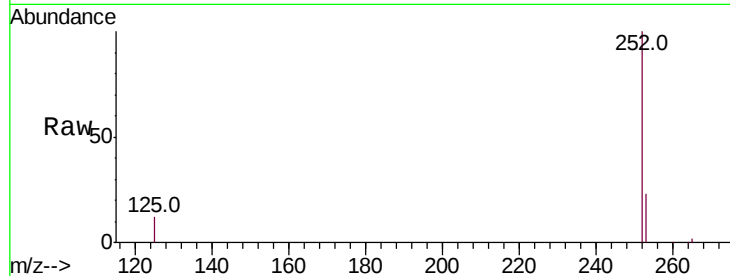
Tot Ion:252 Resp: 400036

Ion Ratio Lower Upper

252 100

253 23.0 0.0 53.4

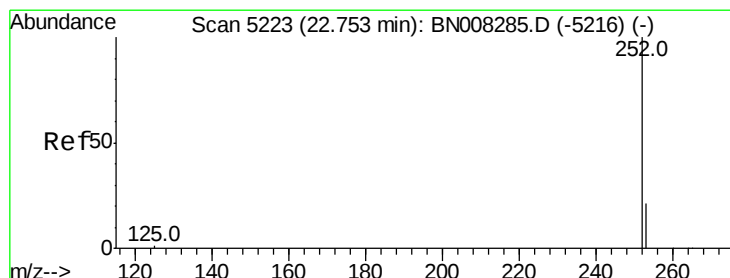
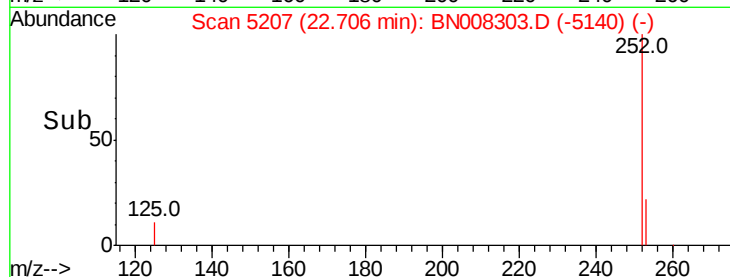
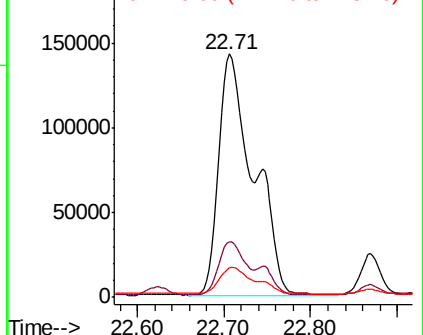
125 12.1 0.0 32.4



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: 11.914 ng/ul

RT: 22.71 min Scan# 5207

Delta R.T. -0.05 min

Lab File: BN008303.D

Acq: 22 Oct 2019 03:48

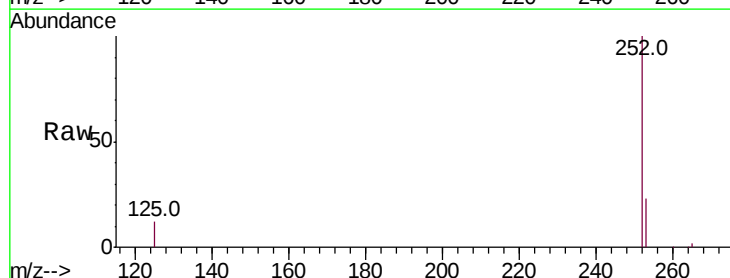
Tgt Ion:252 Resp: 400036

Ion Ratio Lower Upper

252 100

253 23.0 21.3 31.9

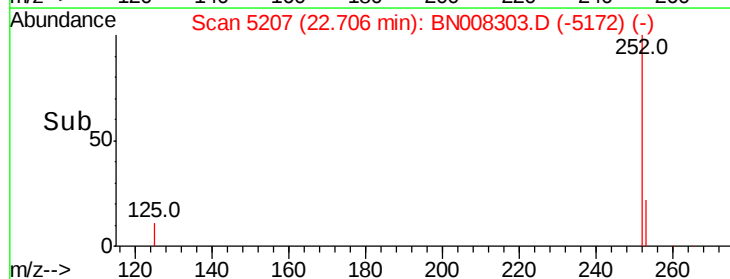
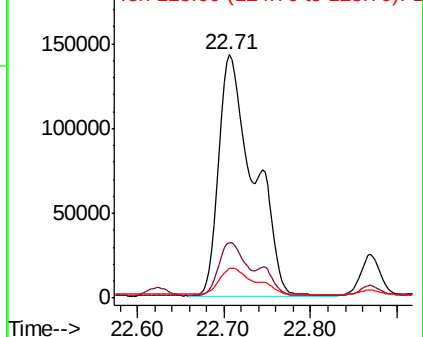
125 12.1 12.3 18.5#

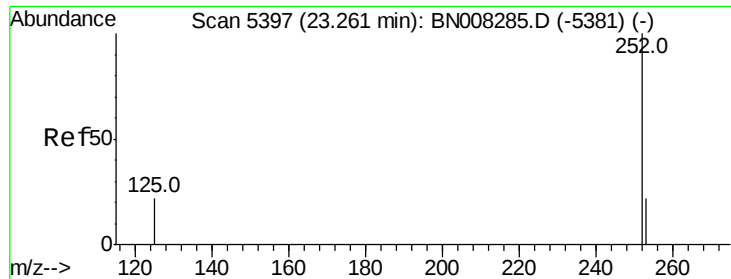


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 6.800 ng/ul

RT: 23.26 min Scan# 5396

Delta R.T. -0.00 min

Lab File: BN008303.D

Acq: 22 Oct 2019 03:48

Instrument :

BNA_N

ClientSampleId :

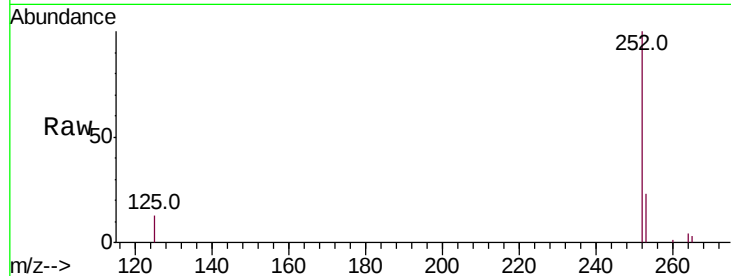
Tot Ion:252 Resp: 212090

Ion Ratio Lower Upper

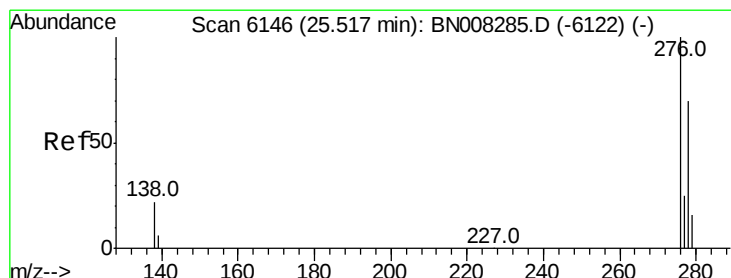
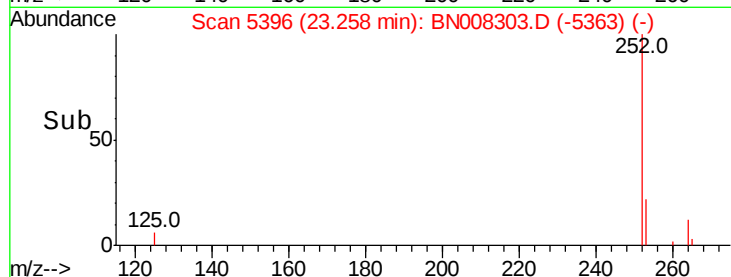
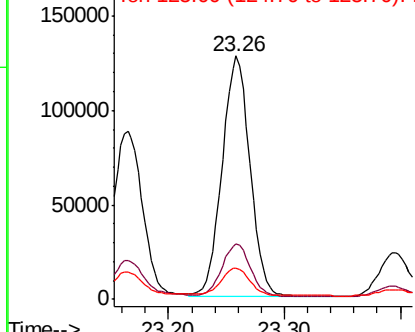
252 100

253 23.0 22.8 34.2

125 13.0 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: 3.340 ng/ul

RT: 25.50 min Scan# 6142

Delta R.T. -0.01 min

Lab File: BN008303.D

Acq: 22 Oct 2019 03:48

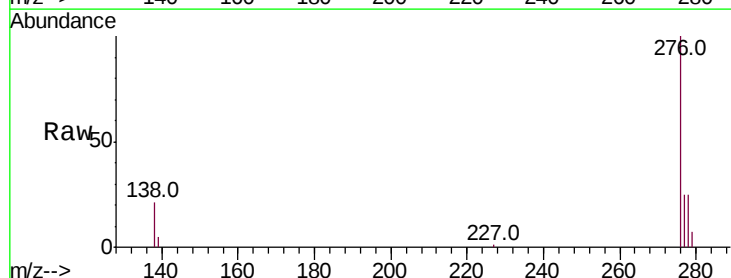
Tgt Ion:276 Resp: 122681

Ion Ratio Lower Upper

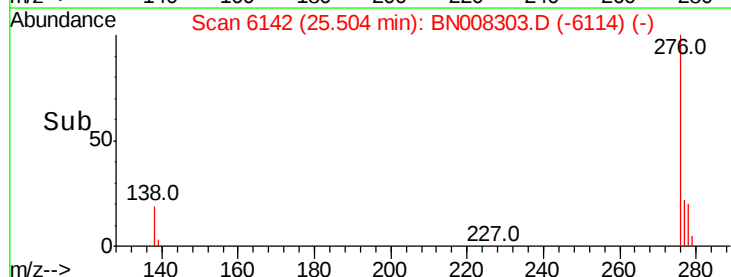
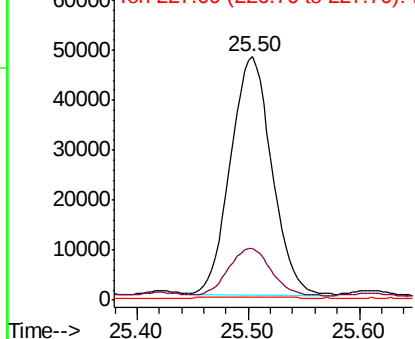
276 100

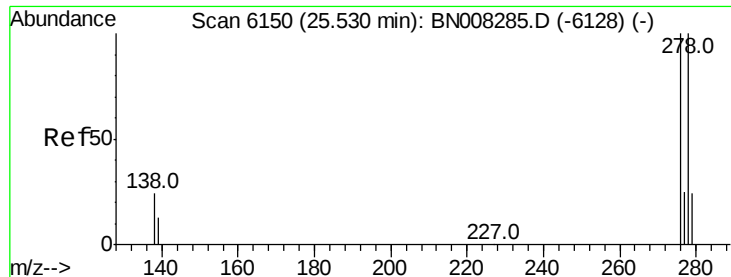
138 20.4 16.1 24.1

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

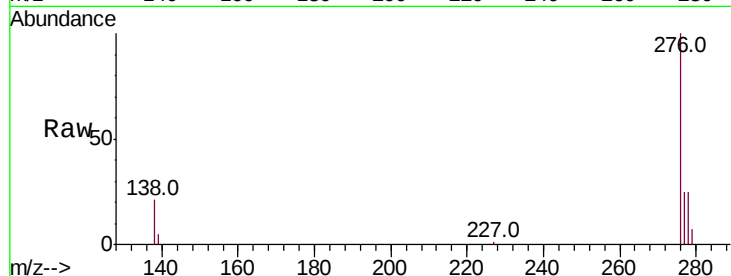




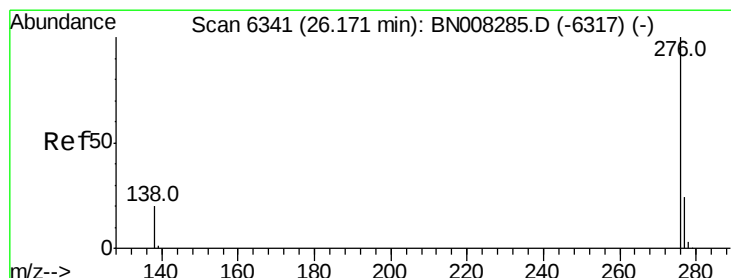
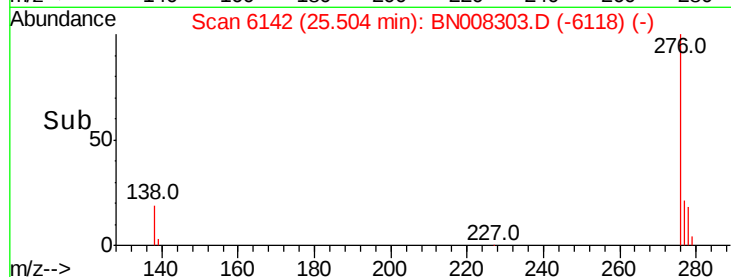
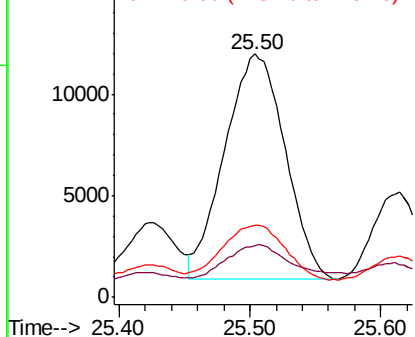
#25
Dibenzo(a,h)anthracene
Concen: 1.220 ng/ul
RT: 25.50 min Scan# 6142
Delta R.T. -0.02 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 35416
Ion Ratio Lower Upper
278 100
139 21.2 15.0 22.6
279 29.5 22.4 33.6

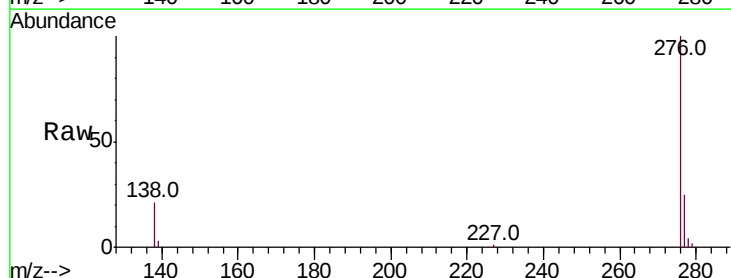


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 2.783 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.00 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:276 Resp: 93753
Ion Ratio Lower Upper
276 100
138 21.4 17.0 25.4
277 25.0 20.4 30.6



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

