

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008301.D
 Acq On : 22 Oct 2019 02:36
 Operator : JU
 Sample : K5199-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 22 03:45:05 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

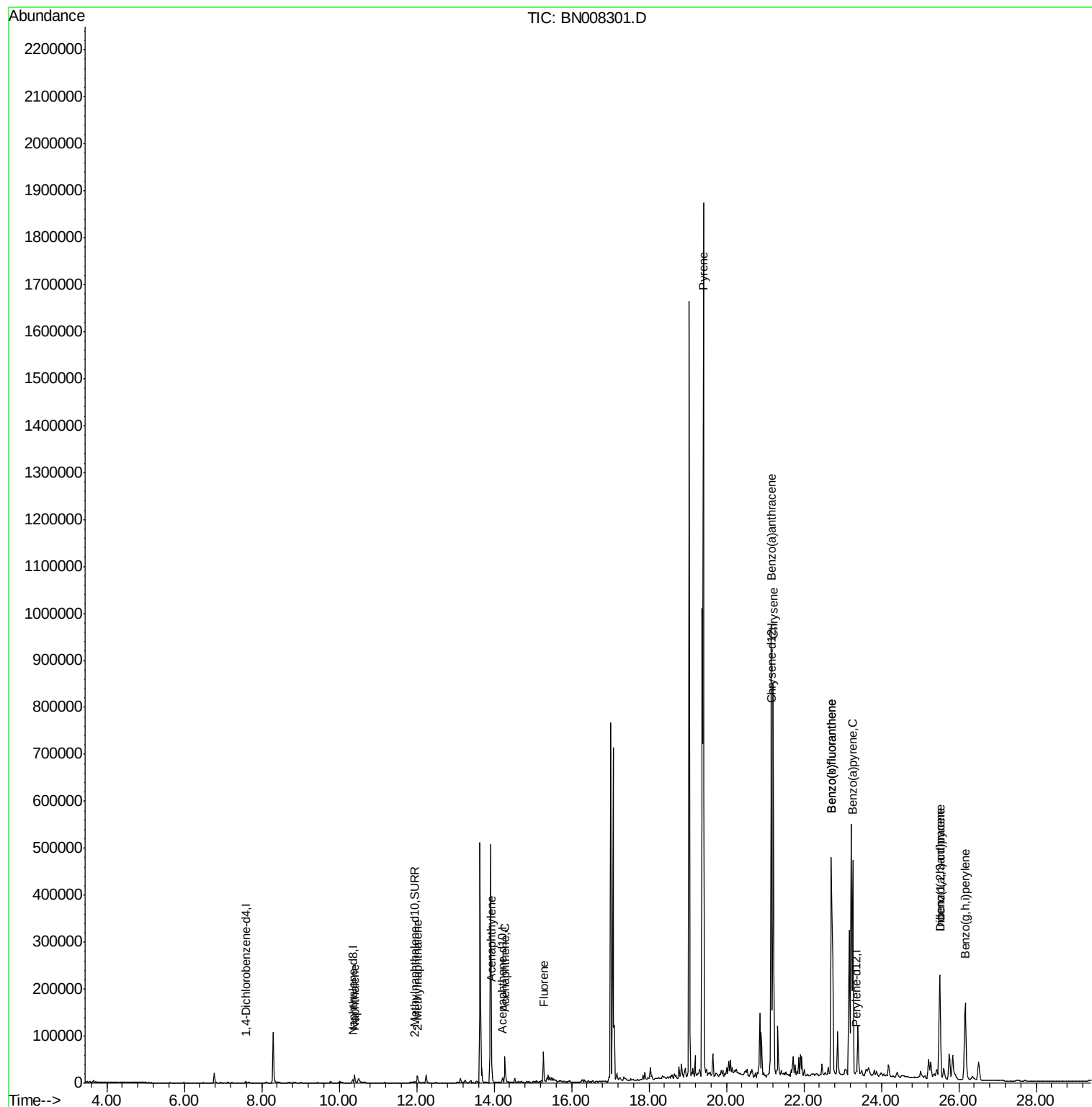
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1913	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8857	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5640	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.18	240	9730	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	8627	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4257	0.28	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	11574	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	22339	0.886	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	11946	0.691	ng/ul	100
7) Acenaphthylene	13.94	152	40045	1.491	ng/ul	99
8) Acenaphthene	14.28	153	31505	1.508	ng/ul	99
9) Fluorene	15.28	166	40314	1.699	ng/ul	98
17) Pyrene	19.40	202	1507678	38.916	ng/ul	97
18) Benzo(a)anthracene	21.16	228	791264	22.368	ng/ul	98
19) Chrysene	21.21	228	801677	18.466	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	1021063	36.358	ng/ul	92
22) Benzo(k)fluoranthene	22.71	252	1021063	32.096	ng/ul#	93
23) Benzo(a)pyrene	23.26	252	576878	19.520	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.51	276	322468	9.265	ng/ul	99
25) Dibenzo(a,h)anthracene	25.51	278	91679	3.332	ng/ul	99
26) Benzo(g,h,i)perylene	26.17	276	326727	10.237	ng/ul	99

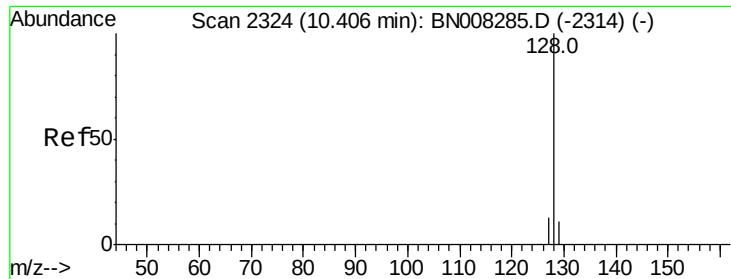
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.886 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Instrument :

BNA_N

ClientSampleId :

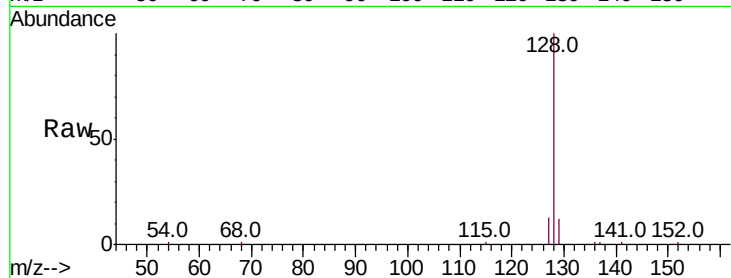
Tot Ion:128 Resp: 22339

Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.8

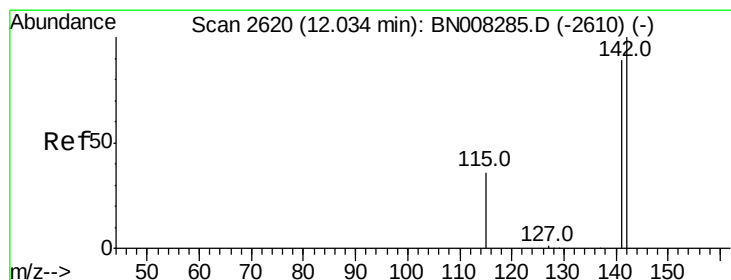
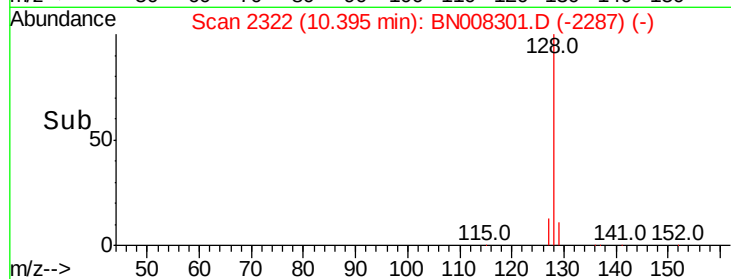
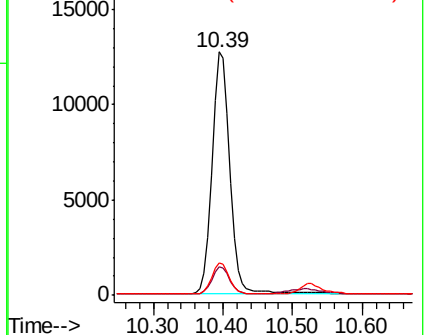
127 13.5 11.1 16.7



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: 0.691 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BN008301.D

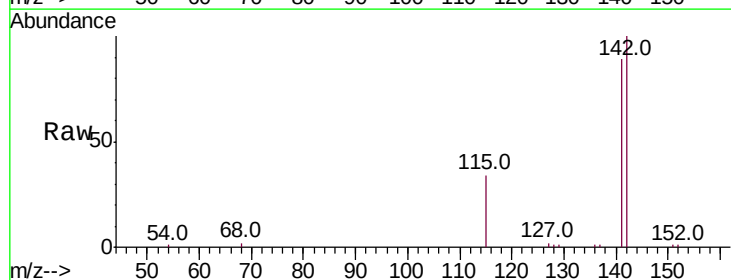
Acq: 22 Oct 2019 02:36

Tgt Ion:142 Resp: 11946

Ion Ratio Lower Upper

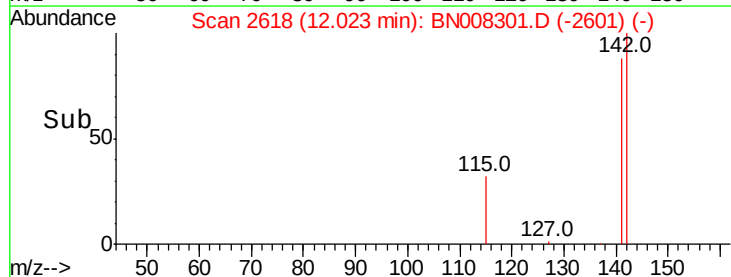
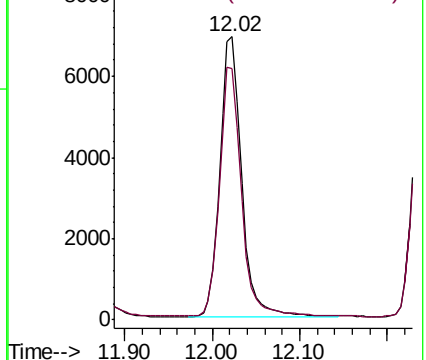
142 100

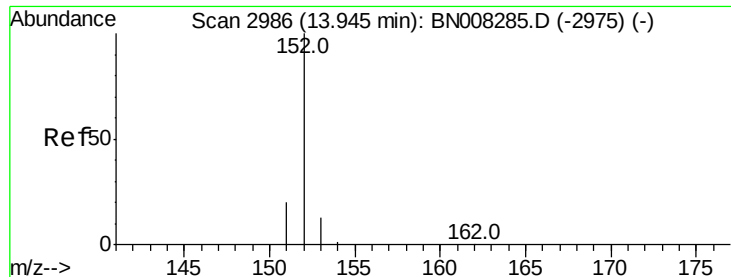
141 89.2 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.491 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Instrument :

BNA_N

ClientSampleId :

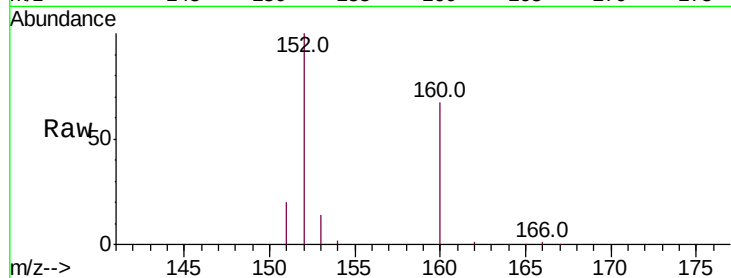
Tot Ion:152 Resp: 40045

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

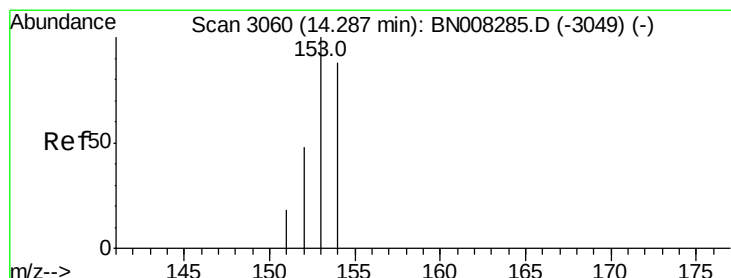
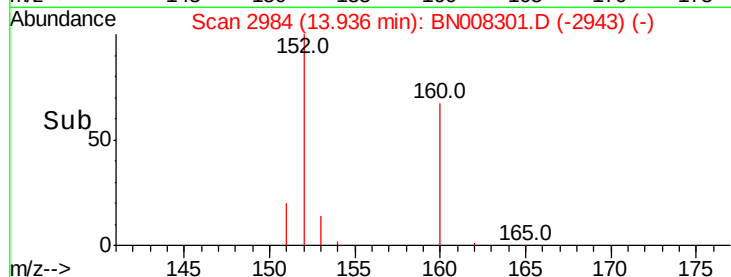
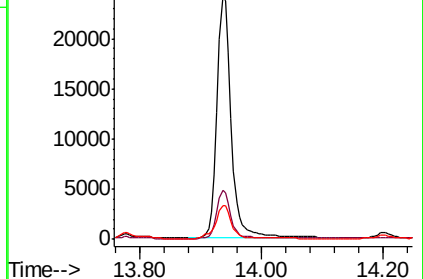
153 14.0 11.0 16.4



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: 1.508 ng/ul

RT: 14.28 min Scan# 3059

Delta R.T. -0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

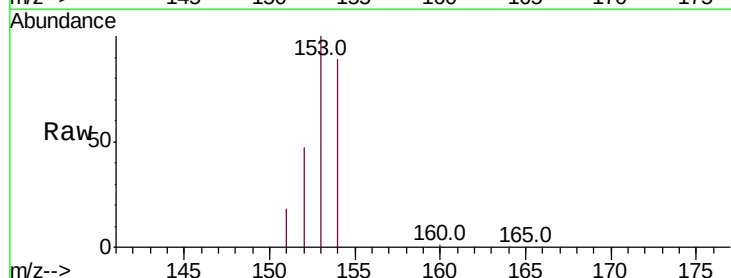
Tgt Ion:153 Resp: 31505

Ion Ratio Lower Upper

153 100

152 47.3 38.2 57.2

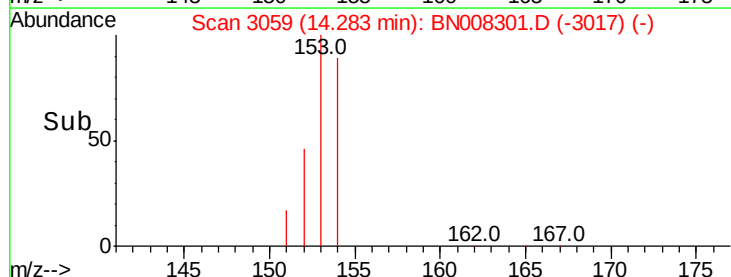
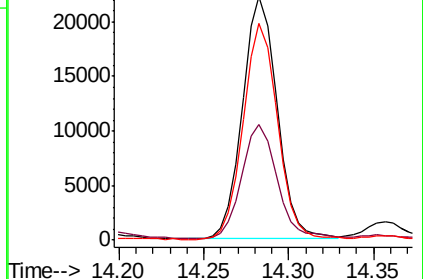
154 89.1 71.8 107.8

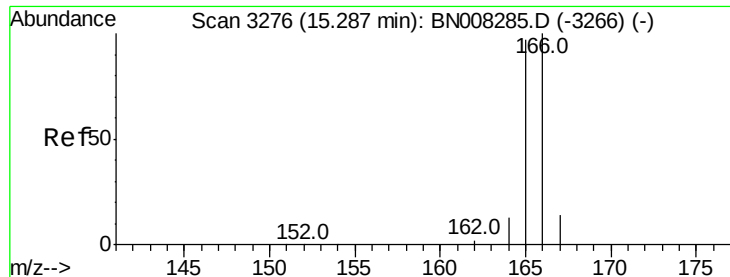


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.699 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Instrument :

BNA_N

ClientSampleId :

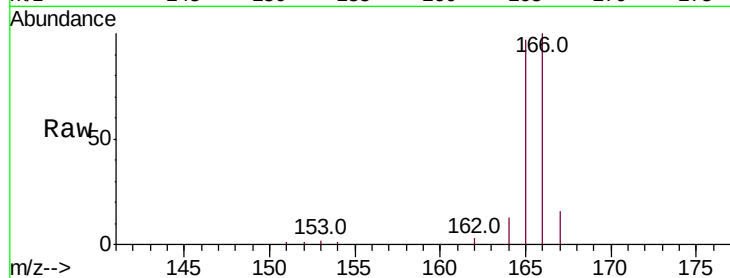
Tot Ion:166 Resp: 40314

Ion Ratio Lower Upper

166 100

165 97.2 76.6 115.0

167 15.5 11.7 17.5

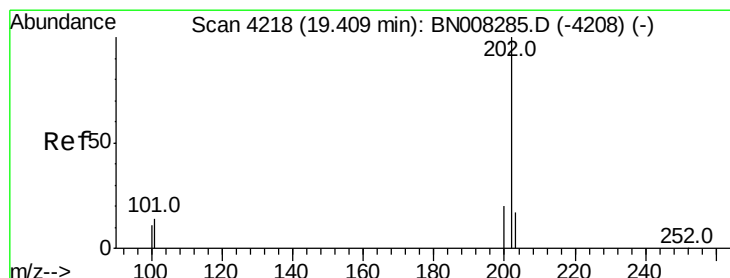
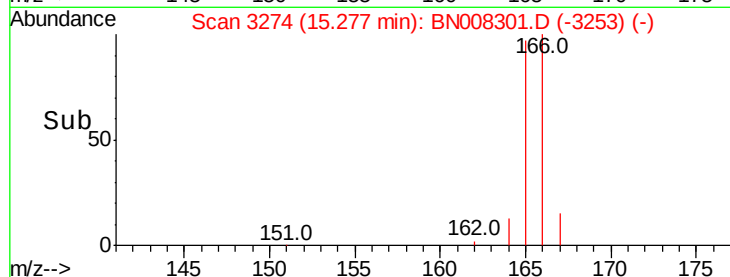
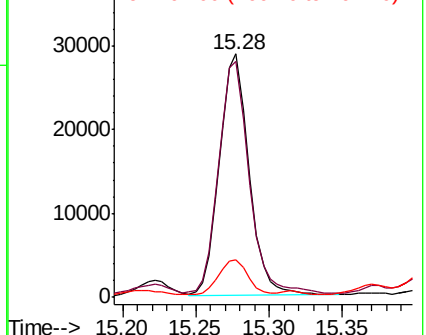


Abundance

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: 38.916 ng/ul

RT: 19.40 min Scan# 4217

Delta R.T. 0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

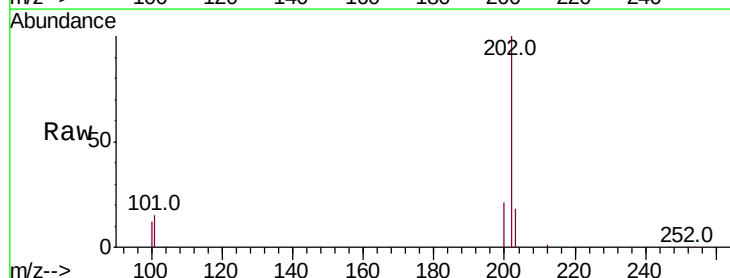
Tgt Ion:202 Resp: 1507678

Ion Ratio Lower Upper

202 100

101 14.7 10.9 16.3

100 12.1 8.7 13.1

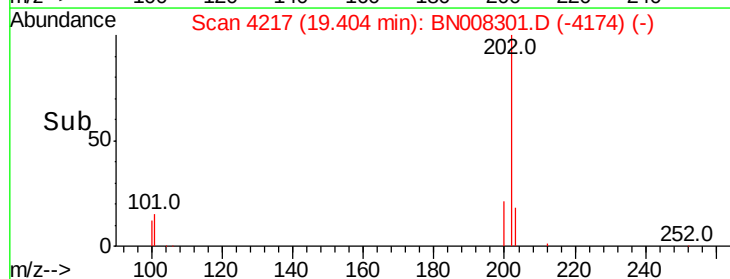
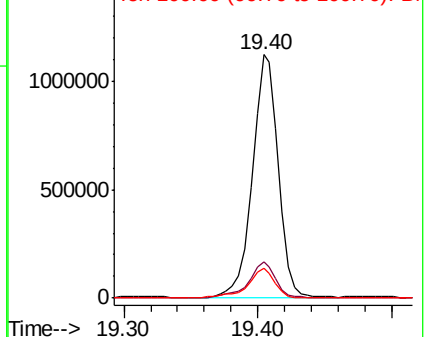


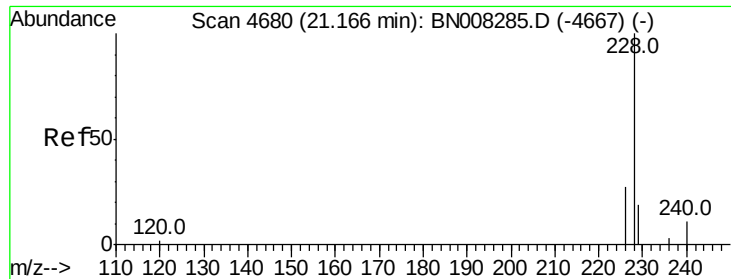
Abundance

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: 22.368 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Instrument :

BNA_N

ClientSampleId :

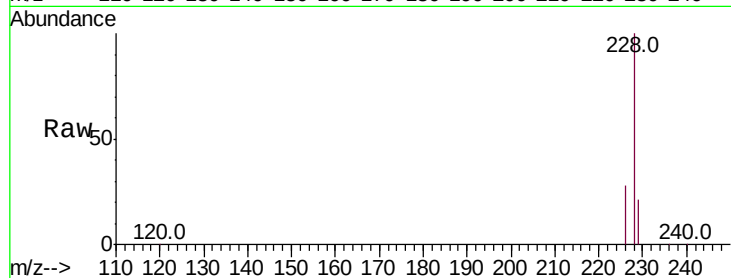
Tot Ion:228 Resp: 791264

Ion Ratio Lower Upper

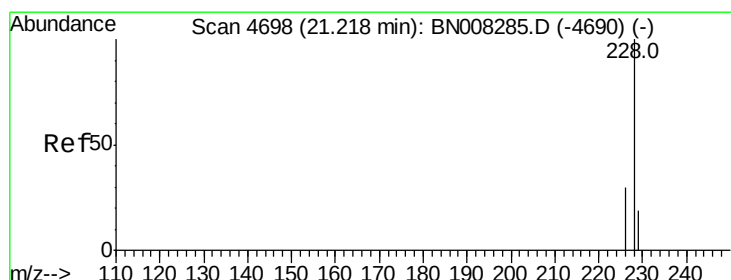
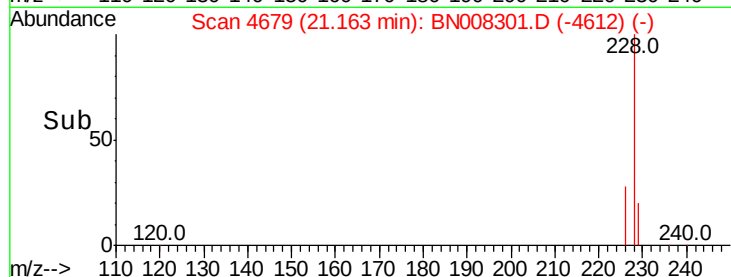
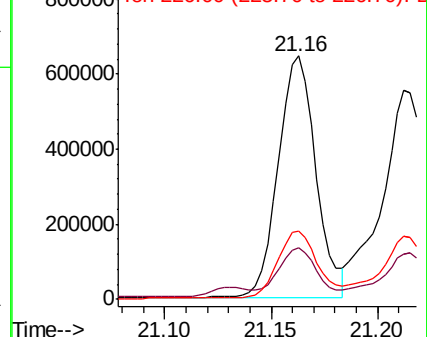
228 100

229 21.2 16.2 24.2

226 28.0 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: 18.466 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

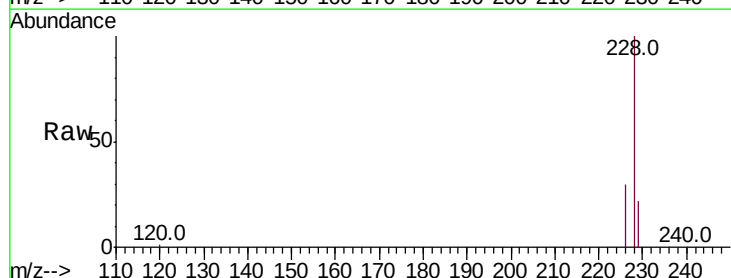
Tgt Ion:228 Resp: 801677

Ion Ratio Lower Upper

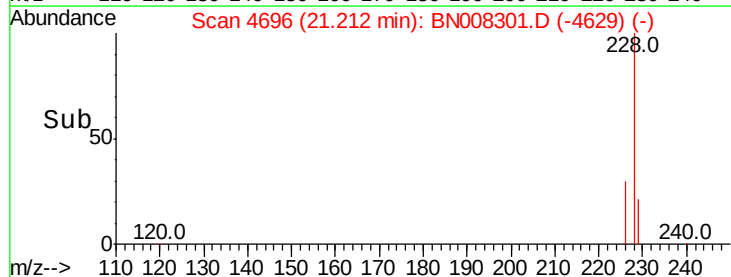
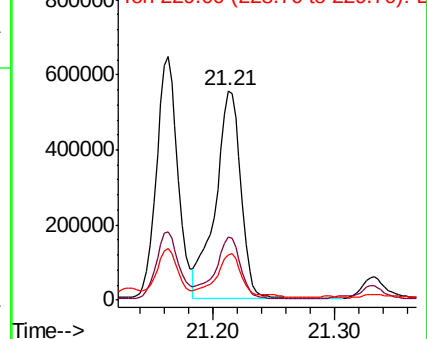
228 100

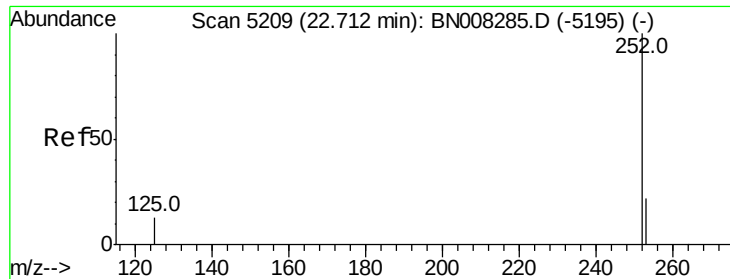
226 30.0 24.1 36.1

229 21.8 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: 36.358 ng/ul

RT: 22.71 min Scan# 5209

Delta R.T. 0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Instrument :

BNA_N

ClientSampleId :

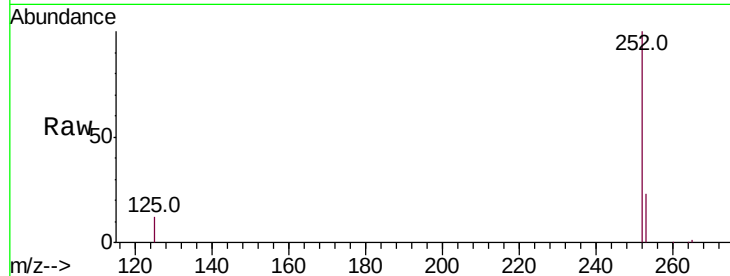
Tot Ion:252 Resp: 1021063

Ion Ratio Lower Upper

252 100

253 23.3 0.0 53.4

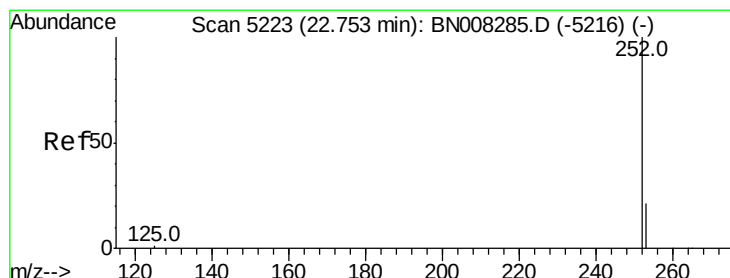
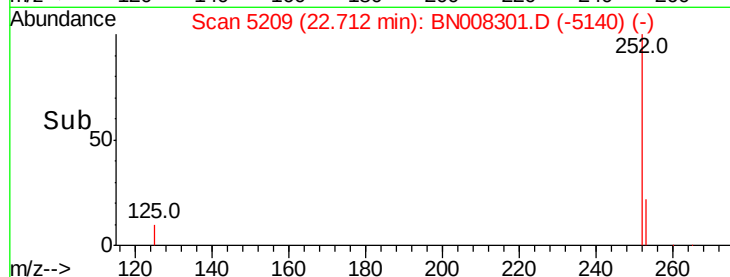
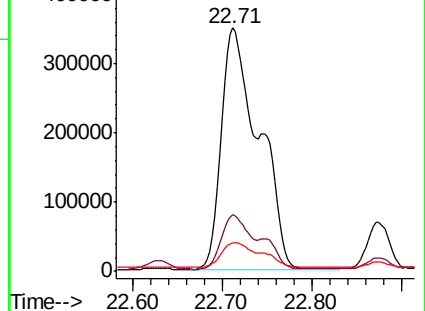
125 11.9 0.0 32.4



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: 32.096 ng/ul

RT: 22.71 min Scan# 5209

Delta R.T. -0.04 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

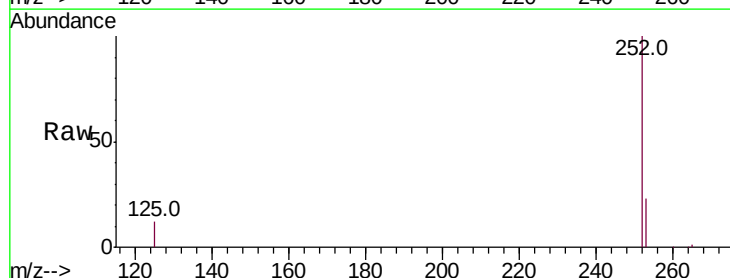
Tgt Ion:252 Resp: 1021063

Ion Ratio Lower Upper

252 100

253 23.3 21.3 31.9

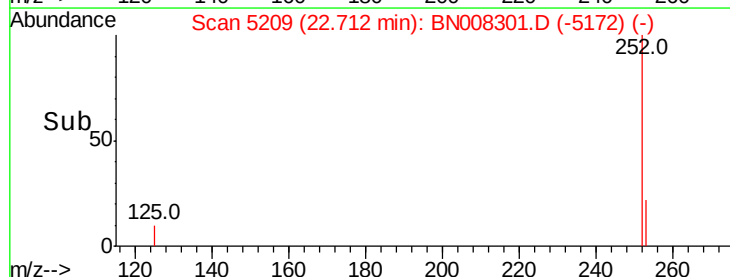
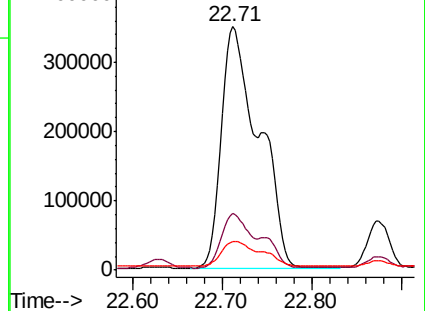
125 11.9 12.3 18.5#

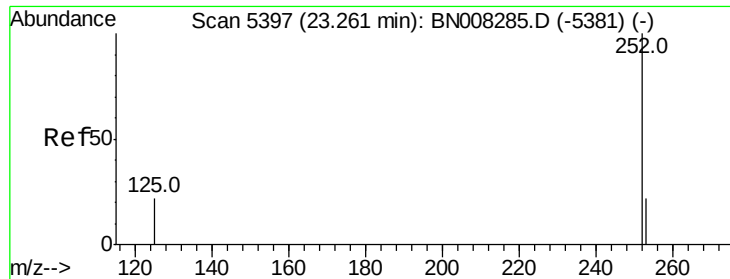


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 19.520 ng/ul

RT: 23.26 min Scan# 5398

Delta R.T. 0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Instrument :

BNA_N

ClientSampleId :

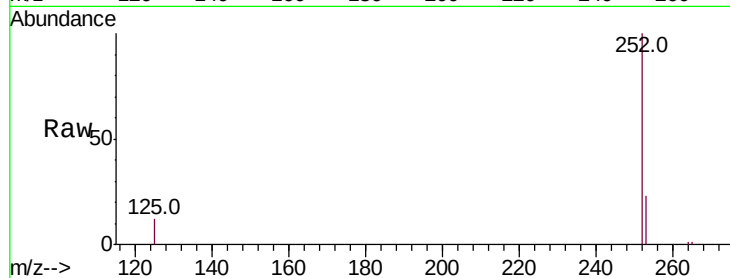
Tot Ion:252 Resp: 576878

Ion Ratio Lower Upper

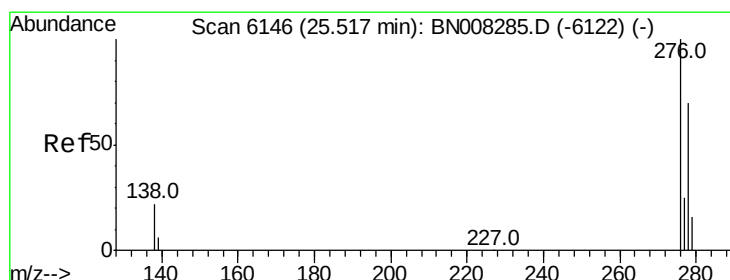
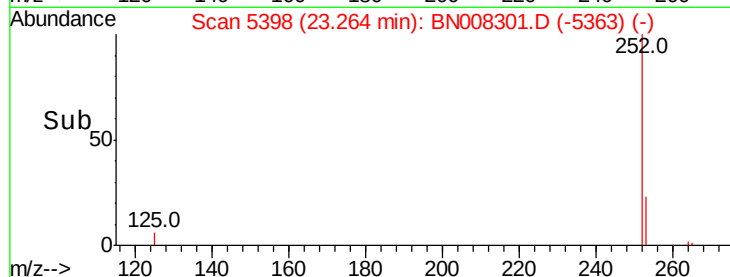
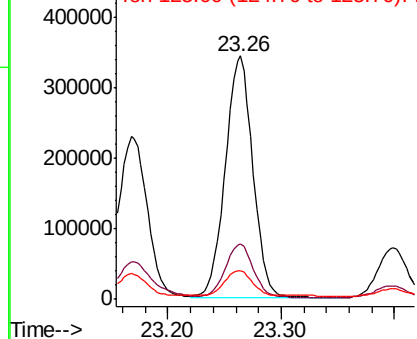
252 100

253 22.9 22.8 34.2

125 11.9 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: 9.265 ng/ul

RT: 25.51 min Scan# 6145

Delta R.T. 0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

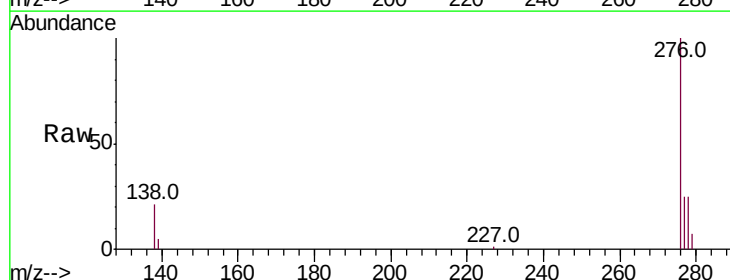
Tgt Ion:276 Resp: 322468

Ion Ratio Lower Upper

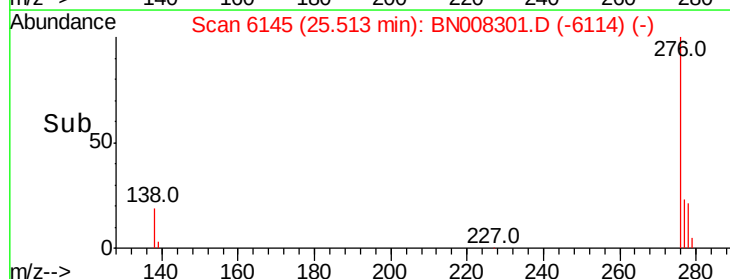
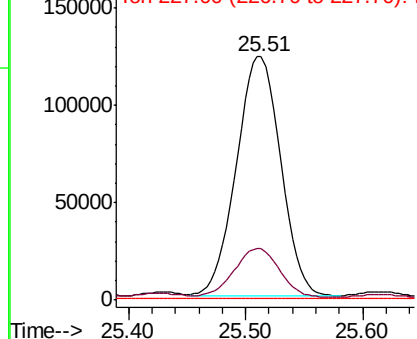
276 100

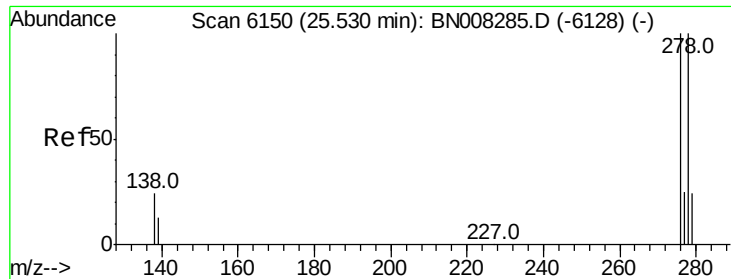
138 20.6 16.1 24.1

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



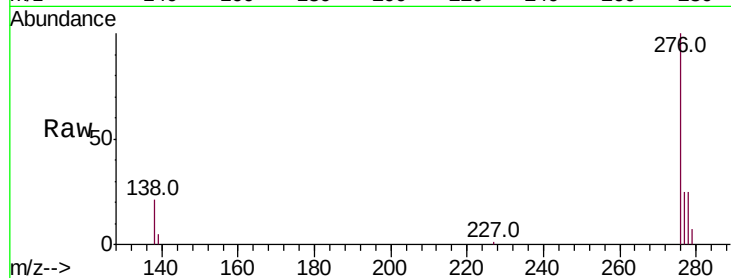


#25
Dibenzo(a,h)anthracene
Concen: 3.332 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.01 min
Lab File: BN008301.D
Acq: 22 Oct 2019 02:36

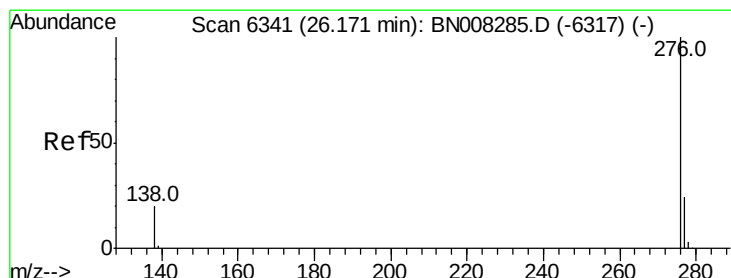
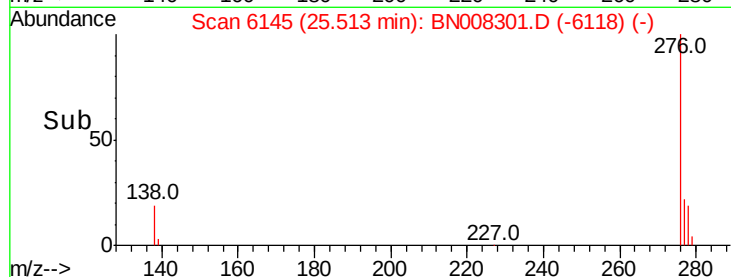
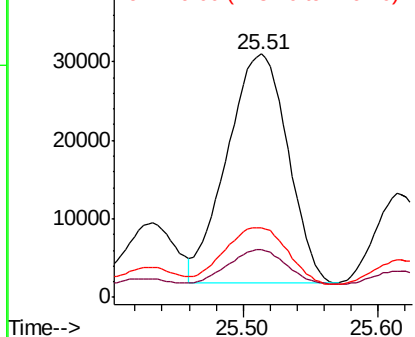
Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 91679

Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.0	22.6
279	28.5	22.4	33.6



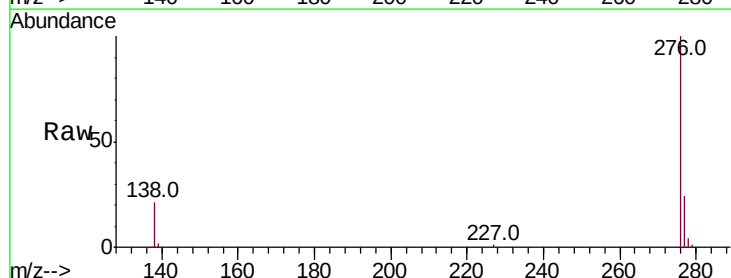
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 10.237 ng/ul
RT: 26.17 min Scan# 6340
Delta R.T. 0.00 min
Lab File: BN008301.D
Acq: 22 Oct 2019 02:36

Tgt Ion:276 Resp: 326727

Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.0	25.4
277	24.4	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

