

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008342.D
 Acq On : 23 Oct 2019 08:07
 Operator : JU
 Sample : K5223-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 23 09:32:46 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

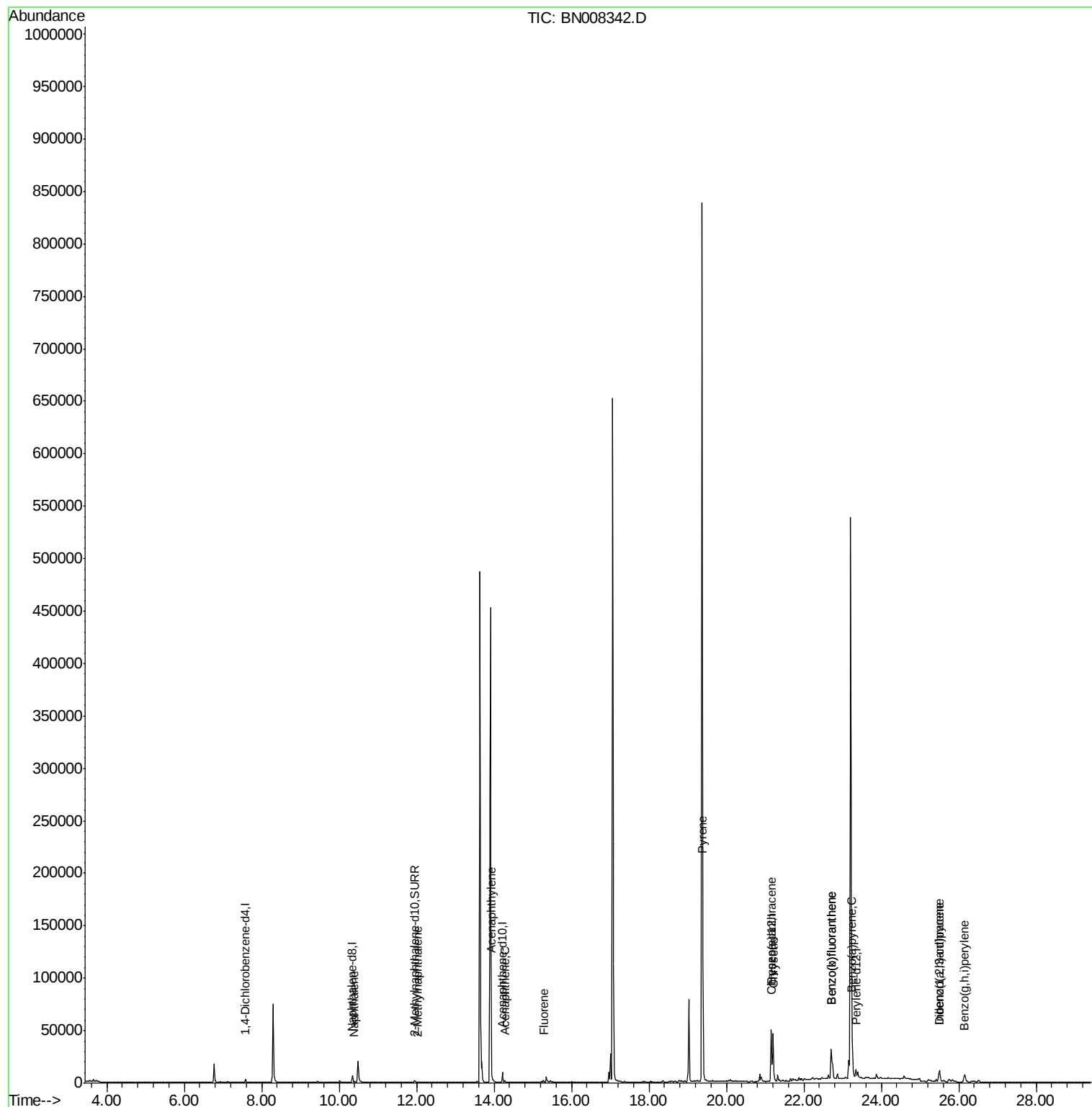
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1706	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8597	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5411	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.17	240	11070	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9535	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3504	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	10298	0.00	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	1195	0.049	ng/ul#	84
5) 2-Methylnaphthalene	12.02	142	450	0.027	ng/ul	96
7) Acenaphthylene	13.93	152	1879	0.073	ng/ul#	91
8) Acenaphthene	14.28	153	1339	0.067	ng/ul	99
9) Fluorene	15.27	166	1456	0.064	ng/ul#	94
17) Pyrene	19.39	202	77176	1.751	ng/ul	97
18) Benzo(a)anthracene	21.15	228	42515	1.056	ng/ul	98
19) Chrysene	21.21	228	48274	0.977	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	62171	2.003	ng/ul	96
22) Benzo(k)fluoranthene	22.70	252	62171	1.768	ng/ul	95
23) Benzo(a)pyrene	23.25	252	32894	1.007	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.50	276	18043	0.469	ng/ul	96
25) Dibenzo(a,h)anthracene	25.50	278	4551	0.150	ng/ul#	82
26) Benzo(g,h,i)perylene	26.15	276	14233	0.403	ng/ul	97

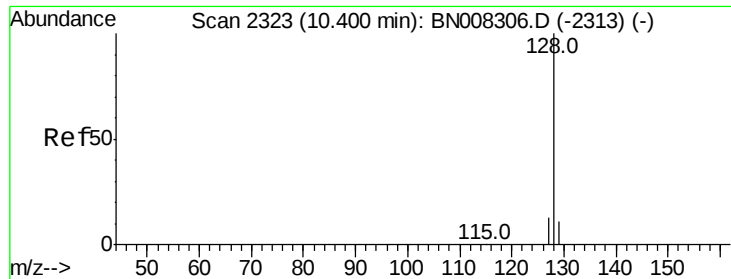
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.049 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Instrument :

BNA_N

ClientSampleId :

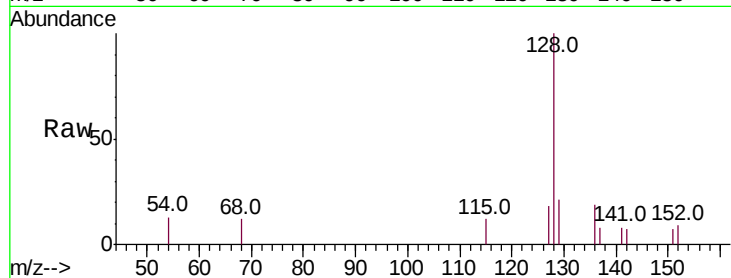
Tot Ion:128 Resp: 1195

Ion Ratio Lower Upper

128 100

129 20.6 9.8 14.8#

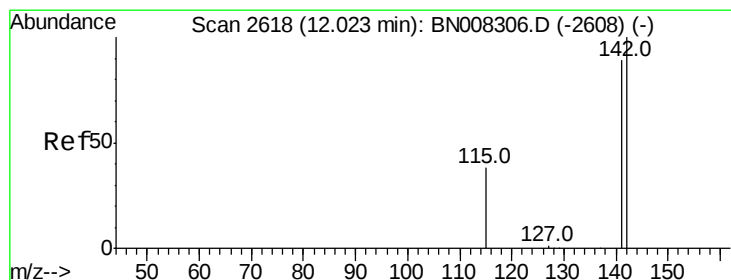
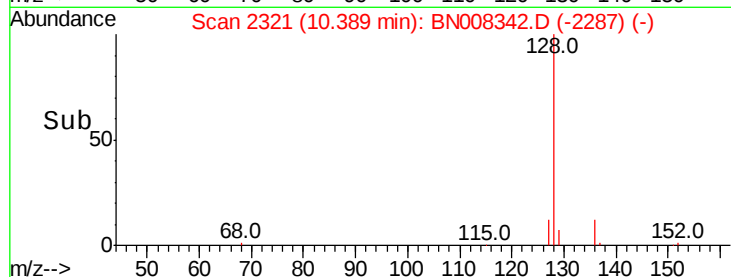
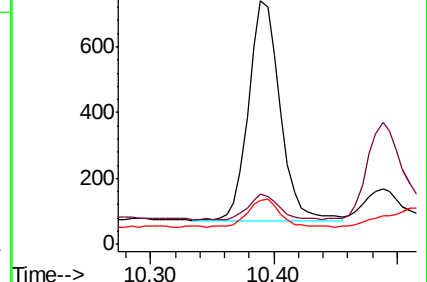
127 18.3 11.1 16.7#



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: 0.027 ng/ul

RT: 12.02 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BN008342.D

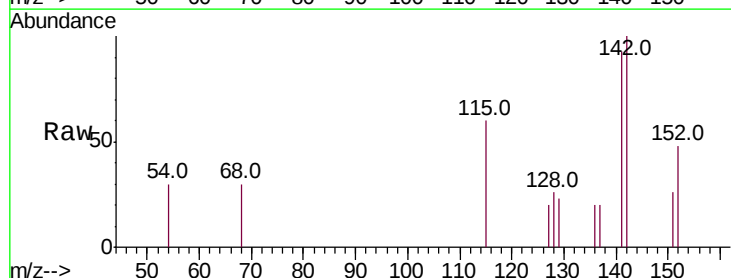
Acq: 23 Oct 2019 08:07

Tgt Ion:142 Resp: 450

Ion Ratio Lower Upper

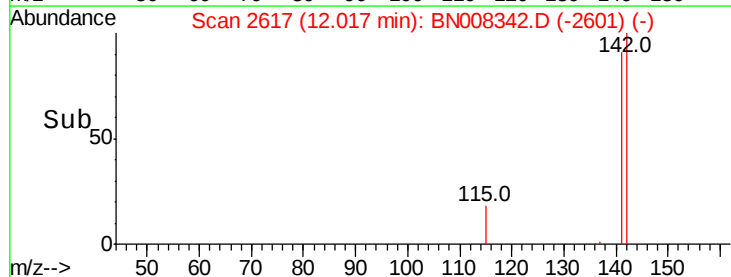
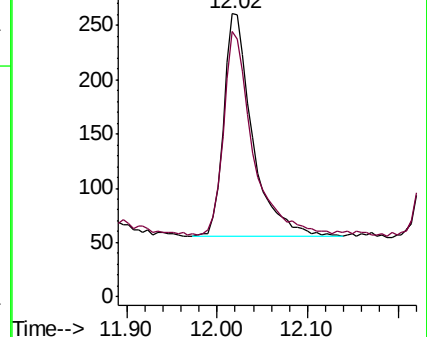
142 100

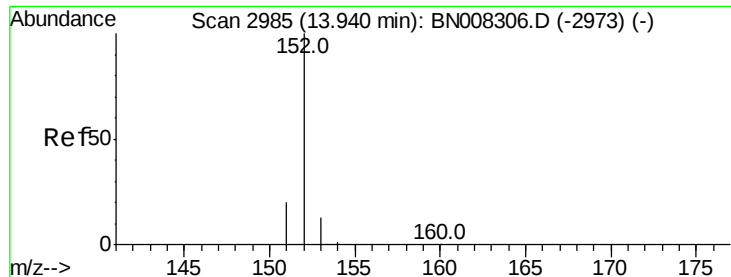
141 92.9 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.073 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Instrument :

BNA_N

ClientSampleId :

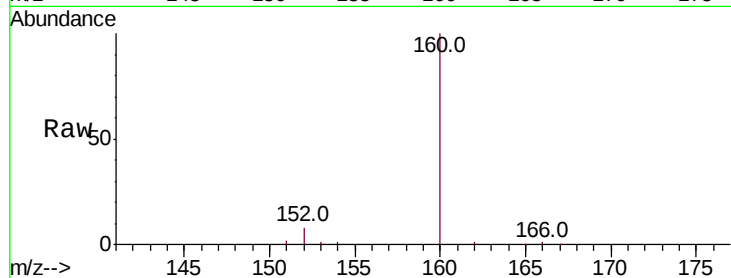
Tot Ion:152 Resp: 1879

Ion Ratio Lower Upper

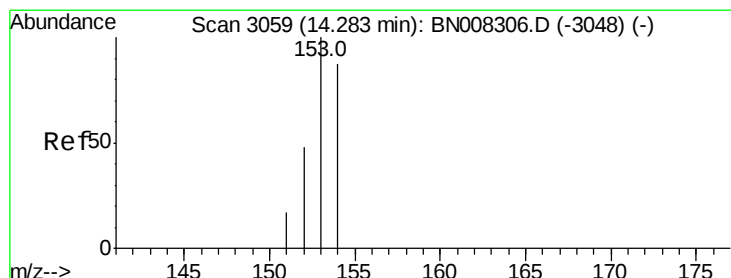
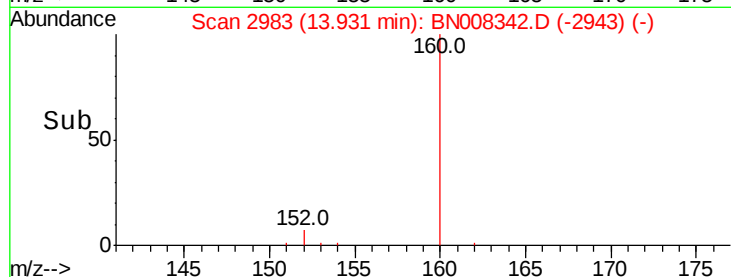
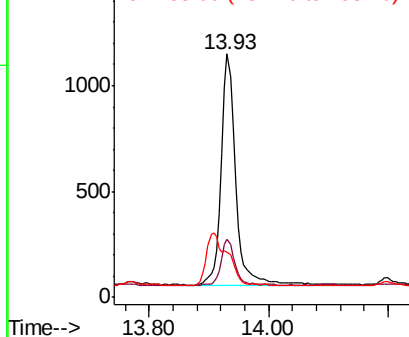
152 100

151 23.9 16.2 24.4

153 18.3 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: 0.067 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

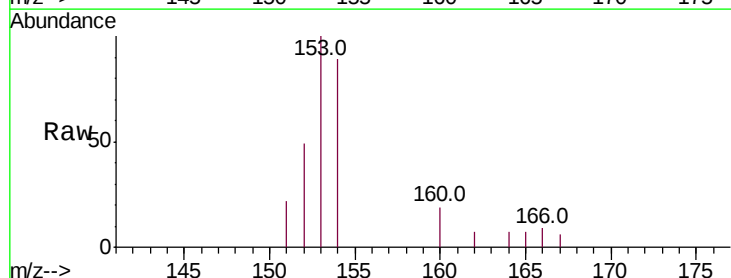
Tgt Ion:153 Resp: 1339

Ion Ratio Lower Upper

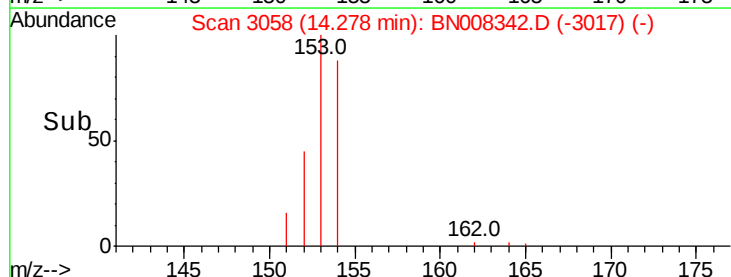
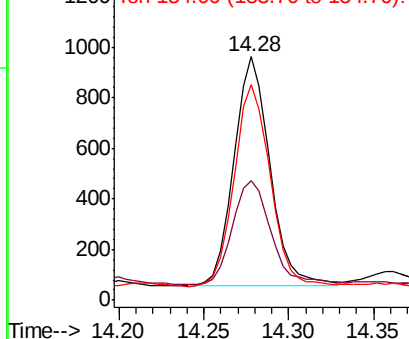
153 100

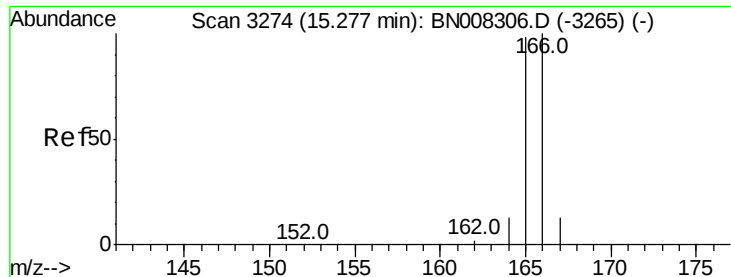
152 49.0 38.2 57.2

154 88.7 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

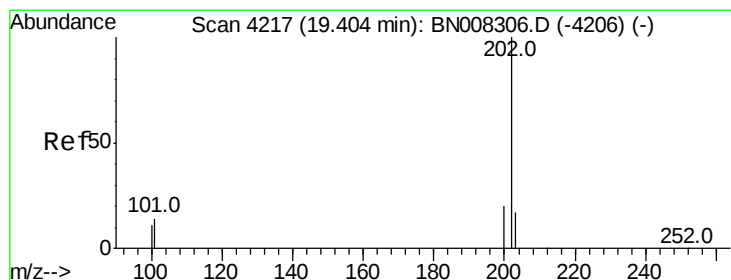
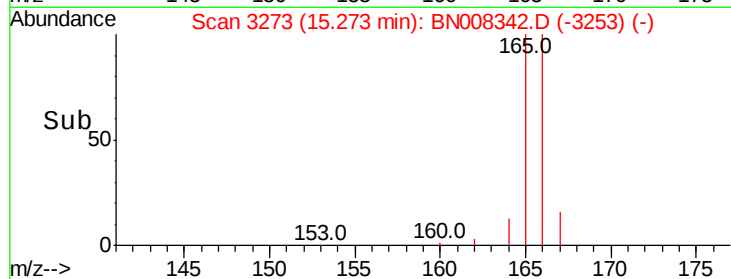
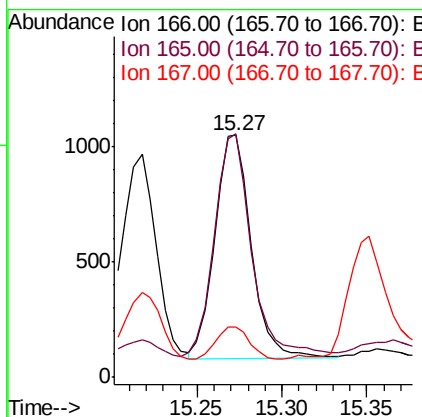
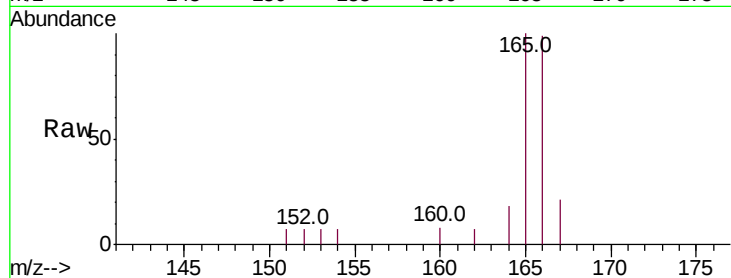




#9
Fluorene
 Concen: 0.064 ng/ul
 RT: 15.27 min Scan# 3273
 Delta R.T. -0.01 min
 Lab File: BN008342.D
 Acq: 23 Oct 2019 08:07

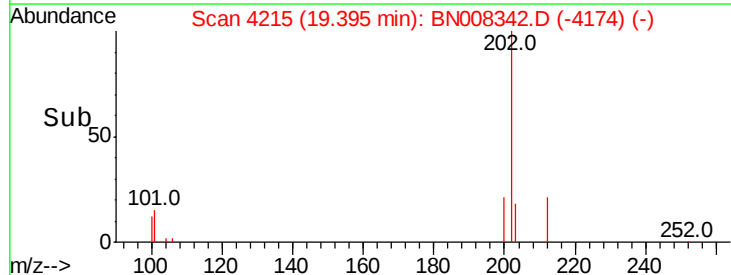
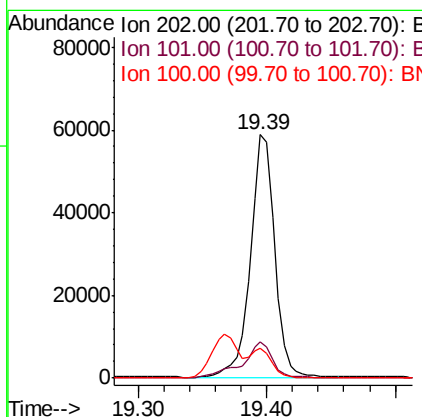
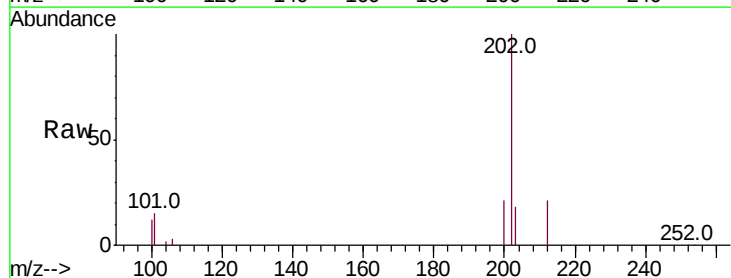
Instrument :
 BNA_N
 ClientSampleId :

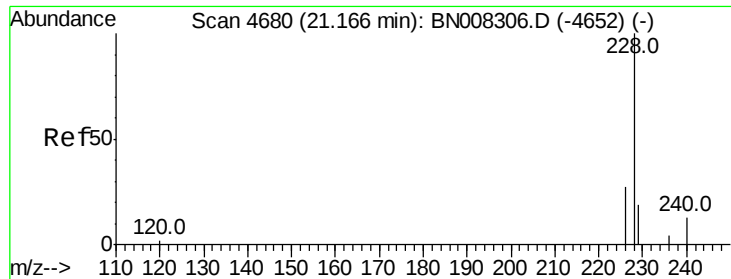
Tot Ion:166 Resp: 1456
 Ion Ratio Lower Upper
 166 100
 165 100.7 76.6 115.0
 167 20.9 11.7 17.5#



#17
Pyrene
 Concen: 1.751 ng/ul
 RT: 19.39 min Scan# 4215
 Delta R.T. -0.01 min
 Lab File: BN008342.D
 Acq: 23 Oct 2019 08:07

Tgt Ion:202 Resp: 77176
 Ion Ratio Lower Upper
 202 100
 101 14.8 10.9 16.3
 100 12.3 8.7 13.1





#18

Benzo(a)anthracene

Concen: 1.056 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Instrument :

BNA_N

ClientSampleId :

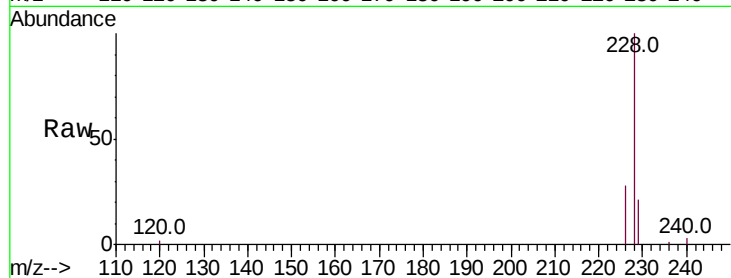
Tot Ion:228 Resp: 42515

Ion Ratio Lower Upper

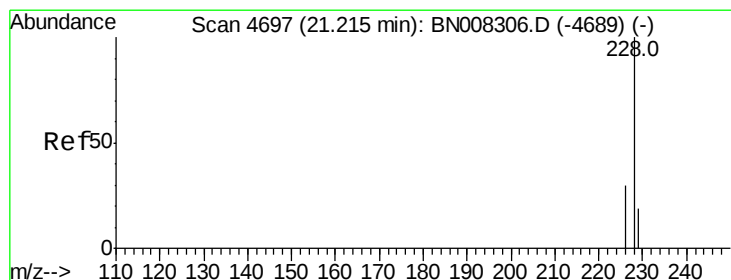
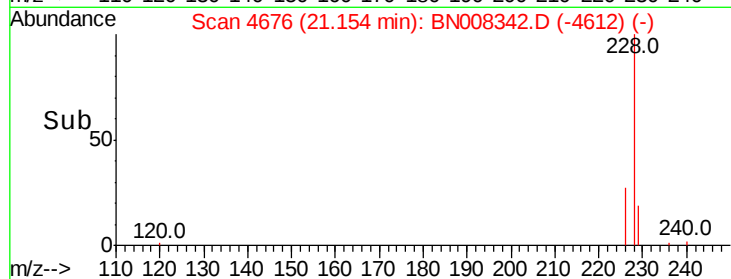
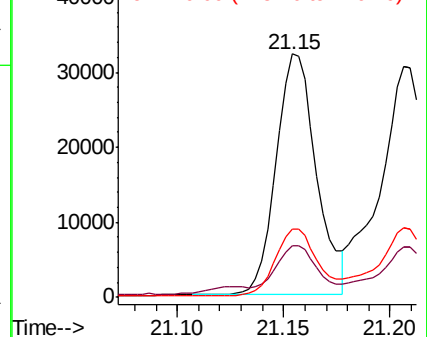
228 100

229 21.1 16.2 24.2

226 27.9 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: 0.977 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

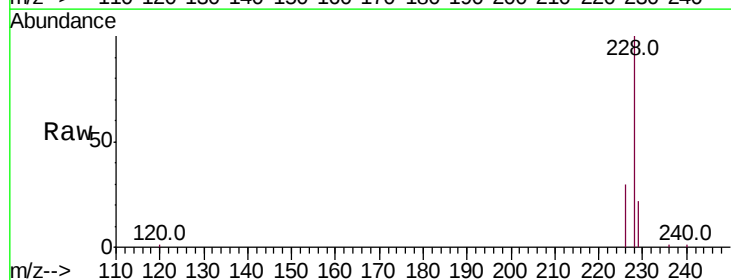
Tgt Ion:228 Resp: 48274

Ion Ratio Lower Upper

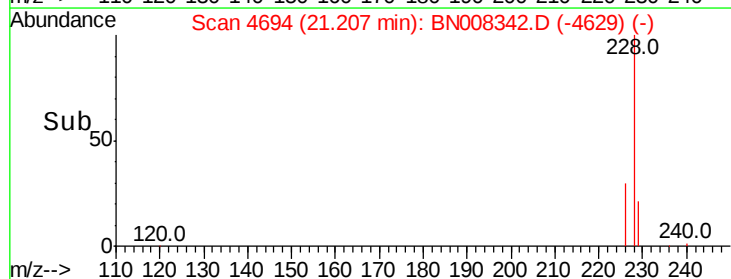
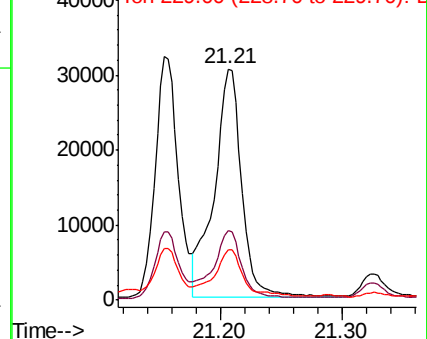
228 100

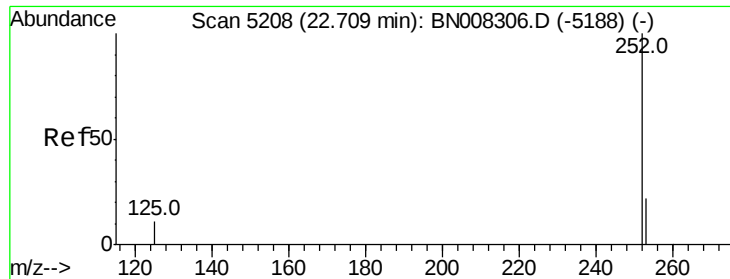
226 30.0 24.1 36.1

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: 2.003 ng/u1

RT: 22.70 min Scan# 5205

Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Instrument :

BNA_N

ClientSampleId :

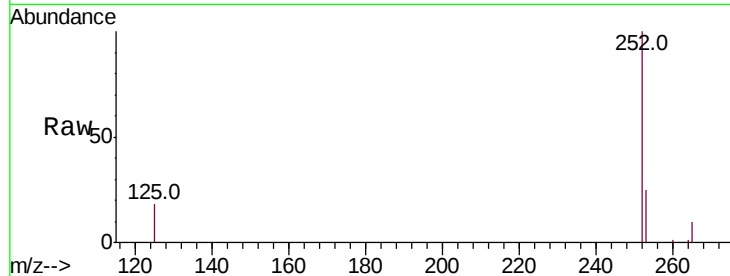
Tot Ion:252 Resp: 62171

Ion Ratio Lower Upper

252 100

253 24.6 0.0 53.4

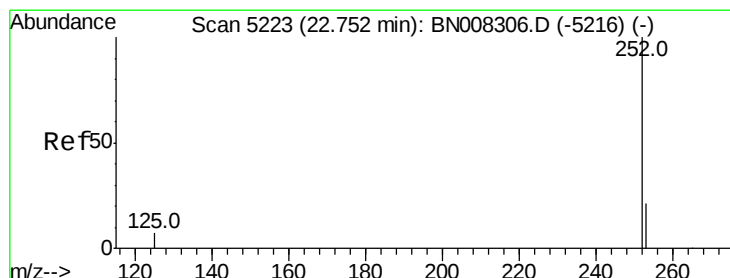
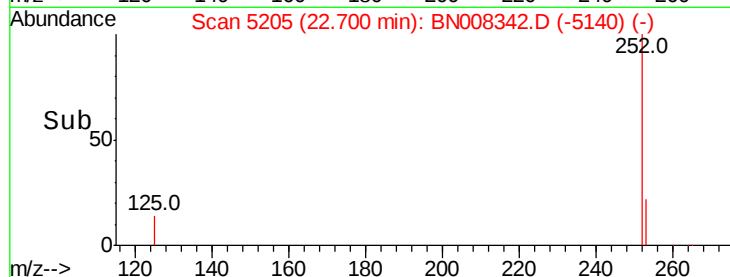
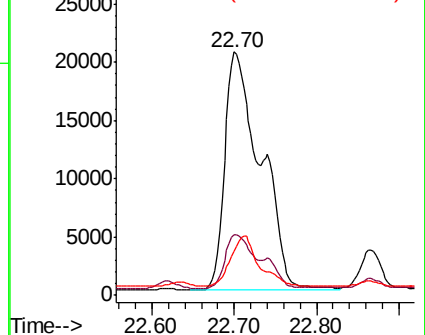
125 18.0 0.0 32.4



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: 1.768 ng/u1

RT: 22.70 min Scan# 5205

Delta R.T. -0.05 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

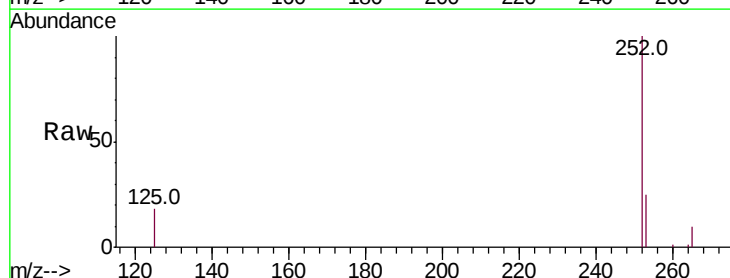
Tgt Ion:252 Resp: 62171

Ion Ratio Lower Upper

252 100

253 24.6 21.3 31.9

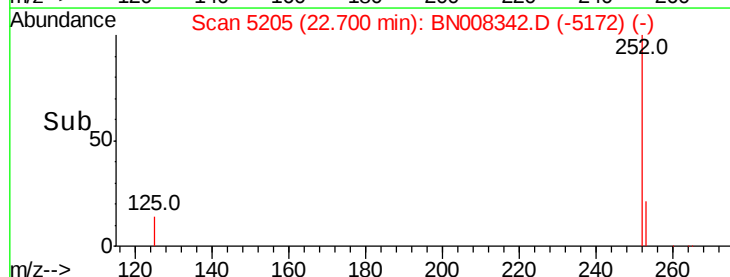
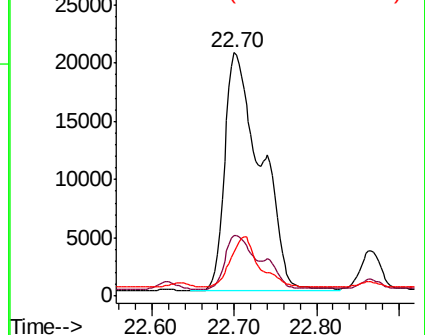
125 18.0 12.3 18.5

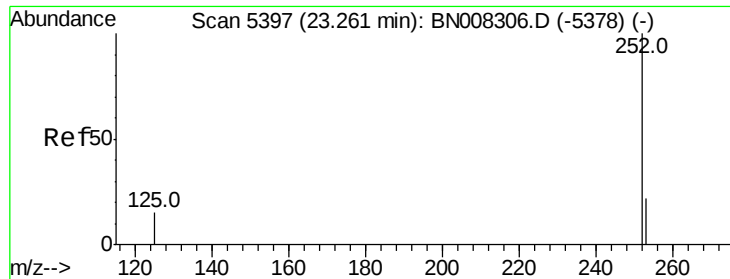


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.007 ng/ul

RT: 23.25 min Scan# 5393

Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Instrument :

BNA_N

ClientSampleId :

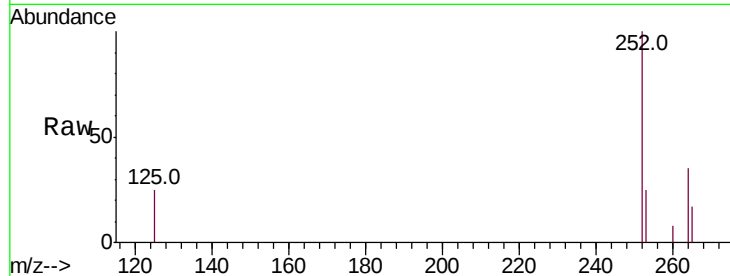
Tot Ion:252 Resp: 32894

Ion Ratio Lower Upper

252 100

253 25.3 22.8 34.2

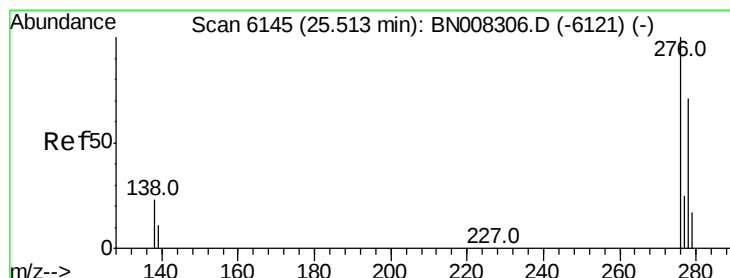
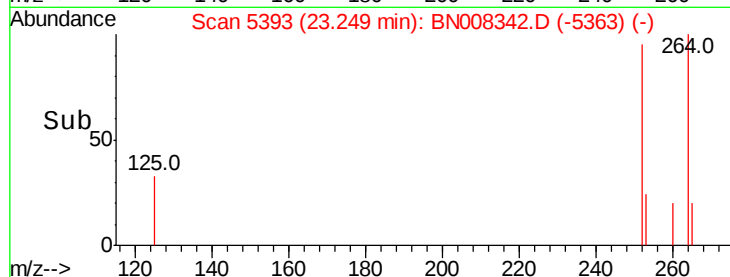
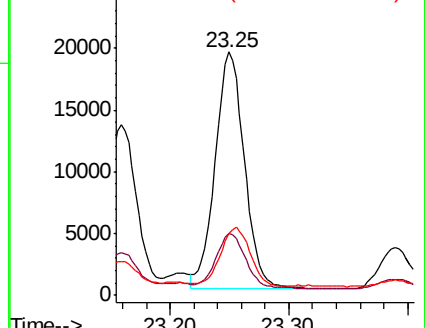
125 25.3 18.4 27.6



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: 0.469 ng/ul

RT: 25.50 min Scan# 6140

Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

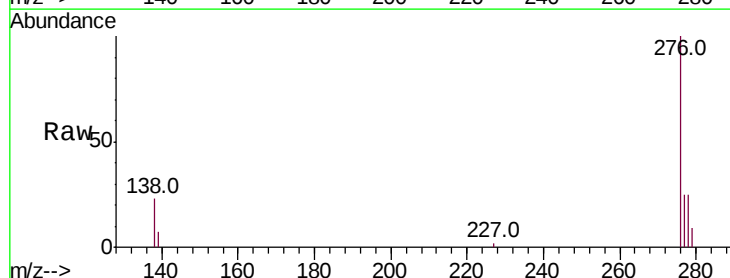
Tgt Ion:276 Resp: 18043

Ion Ratio Lower Upper

276 100

138 18.2 16.1 24.1

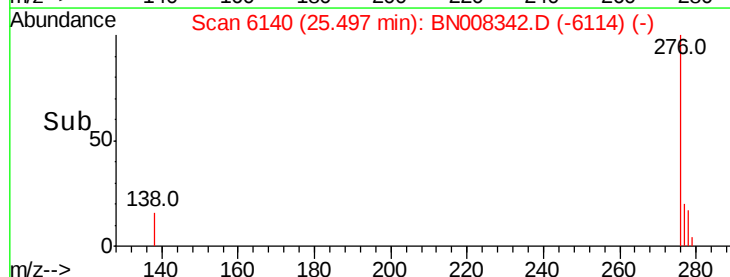
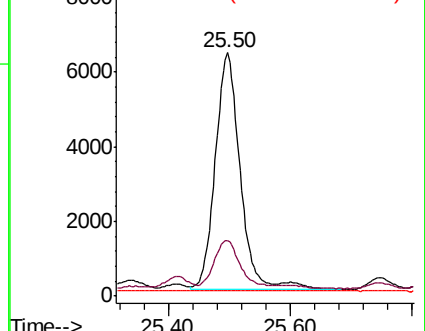
227 0.2 0.2 0.2

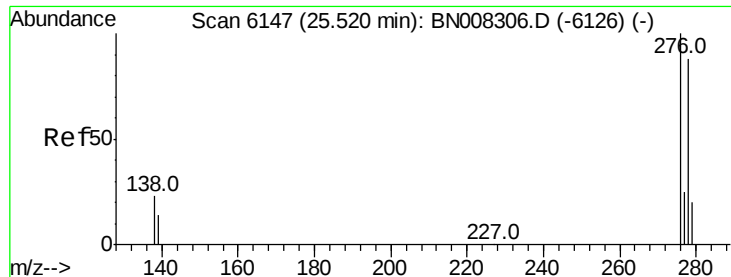


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.150 ng/ul

RT: 25.50 min Scan# 6141

Delta R.T. -0.02 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Instrument :

BNA_N

ClientSampleId :

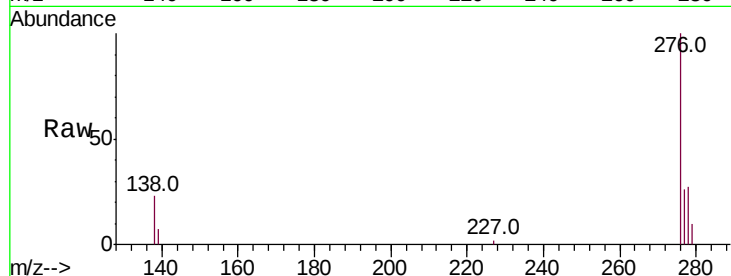
Tot Ion:278 Resp: 4551

Ion Ratio Lower Upper

278 100

139 27.8 15.0 22.6#

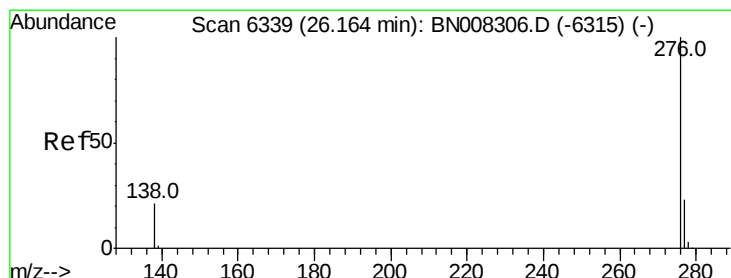
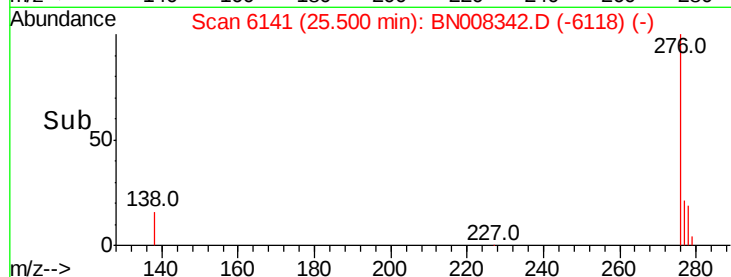
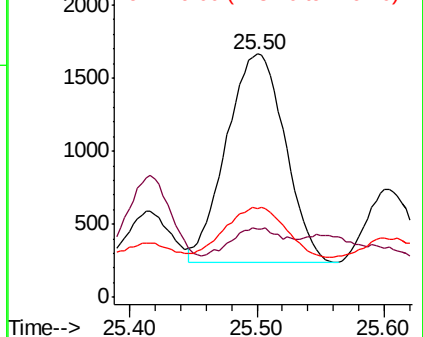
279 36.5 22.4 33.6#



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: 0.403 ng/ul

RT: 26.15 min Scan# 6335

Delta R.T. -0.02 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

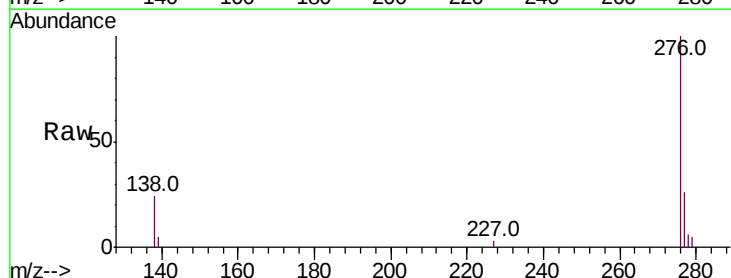
Tgt Ion:276 Resp: 14233

Ion Ratio Lower Upper

276 100

138 24.3 17.0 25.4

277 25.8 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

