

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008341.D
 Acq On : 23 Oct 2019 07:31
 Operator : JU
 Sample : K5223-16
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 23 08:06:34 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 : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

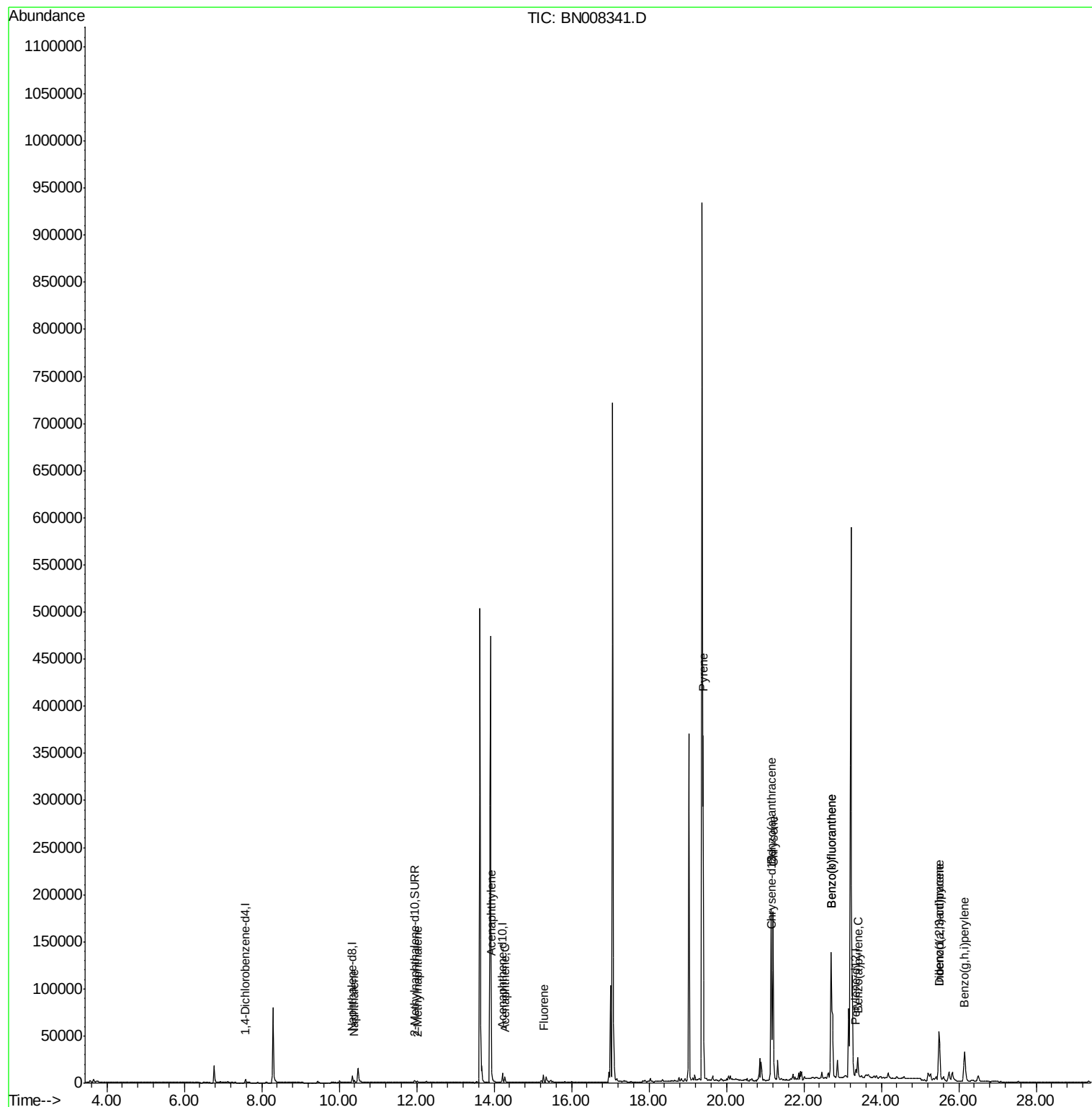
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1876	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	9110	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	5603	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.17	240	11439	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10208	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3799	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	11698	0.00	ng/ul	-0.01
Target Compounds						
					Ovalue	
3) Naphthalene	10.39	128	2380	0.092	ng/ul#	93
5) 2-Methylnaphthalene	12.02	142	1212	0.068	ng/ul	99
7) Acenaphthylene	13.93	152	7867	0.295	ng/ul	99
8) Acenaphthene	14.28	153	3379	0.163	ng/ul	98
9) Fluorene	15.27	166	4894	0.208	ng/ul	97
17) Pyrene	19.40	202	274520	6.027	ng/ul	98
18) Benzo(a)anthracene	21.15	228	152120	3.658	ng/ul	98
19) Chrysene	21.21	228	178002	3.488	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	278901	8.393	ng/ul	92
22) Benzo(k)fluoranthene	22.70	252	278901	7.409	ng/ul#	93
23) Benzo(a)pyrene	23.39	252	16486	0.471	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.49	276	78671	1.910	ng/ul	99
25) Dibenzo(a,h)anthracene	25.50	278	19593	0.602	ng/ul	97
26) Benzo(g,h,i)perylene	26.15	276	64505	1.708	ng/ul	98

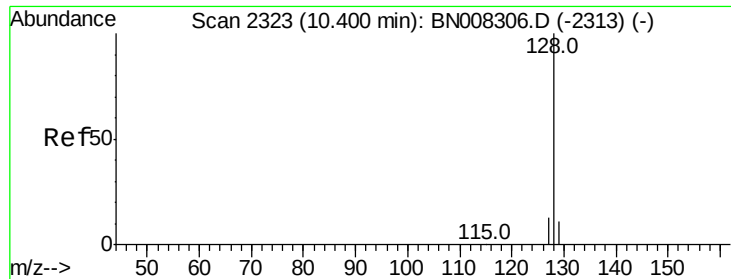
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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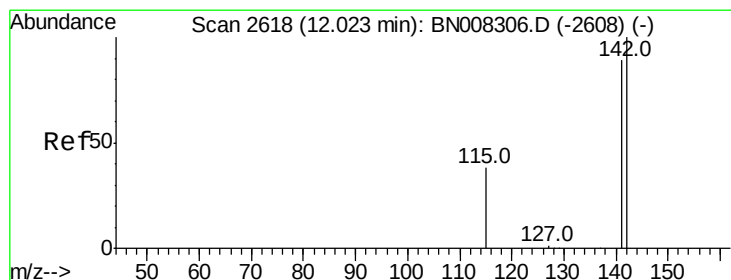
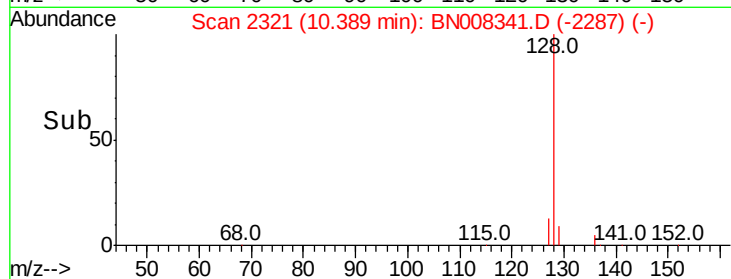
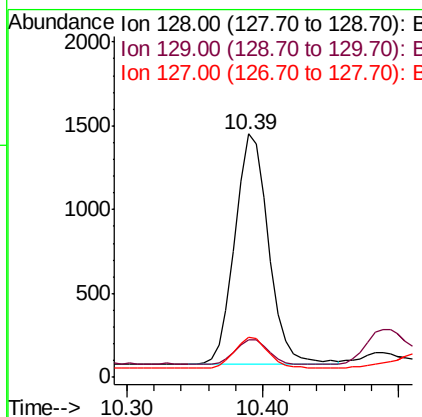
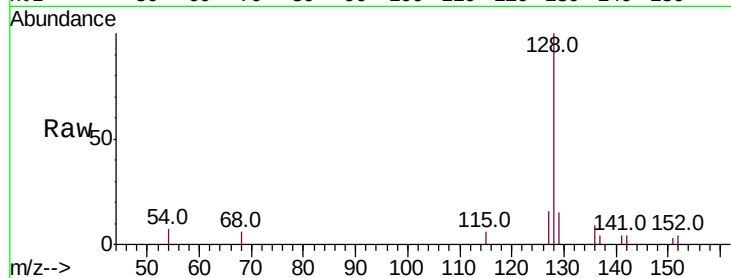
#3

Naphthalene

Concen: 0.092 ng/ul
 RT: 10.39 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BN008341.D
 Acq: 23 Oct 2019 07:31

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:128 Resp: 2380
 Ion Ratio Lower Upper
 128 100
 129 15.4 9.8 14.8#
 127 16.3 11.1 16.7

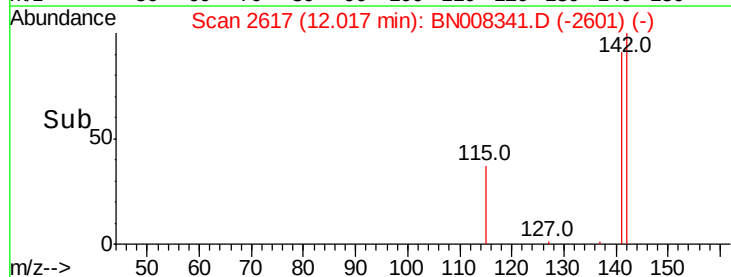
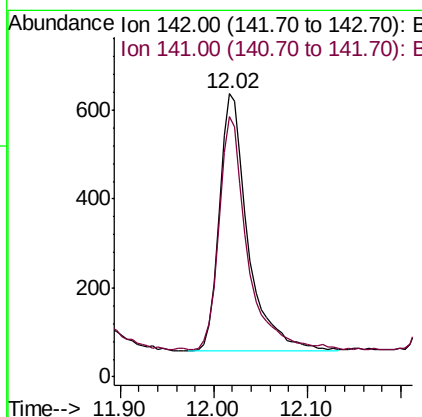
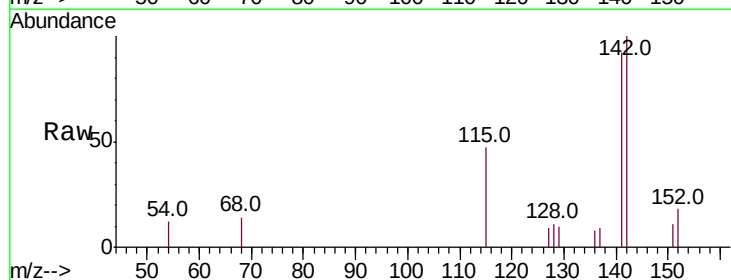


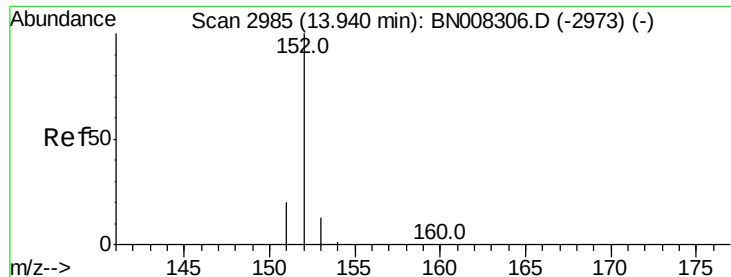
#5

2-Methylnaphthalene

Concen: 0.068 ng/ul
 RT: 12.02 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BN008341.D
 Acq: 23 Oct 2019 07:31

Tgt Ion:142 Resp: 1212
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.4 107.2





#7

Acenaphthylene

Concen: 0.295 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008341.D

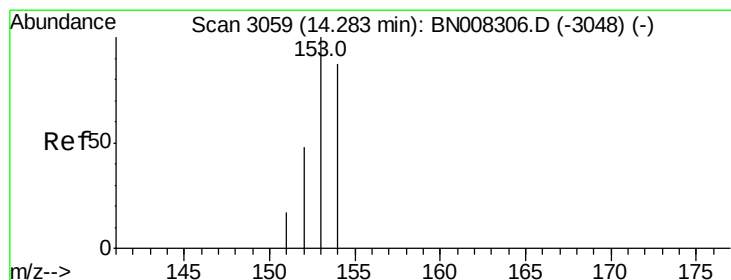
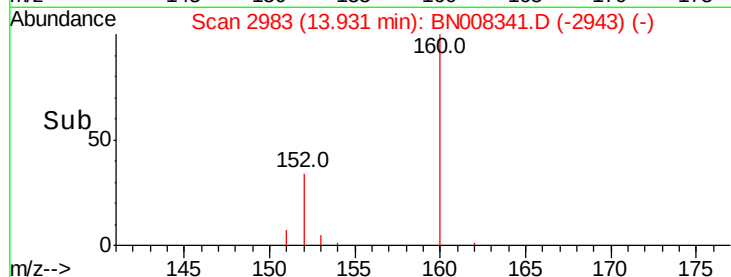
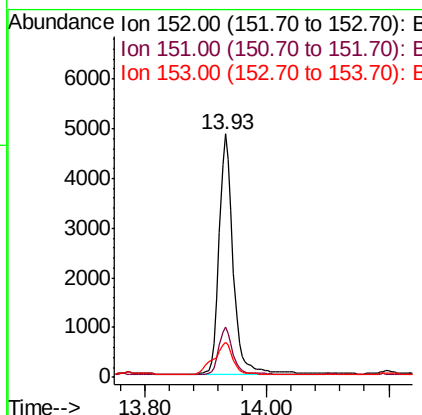
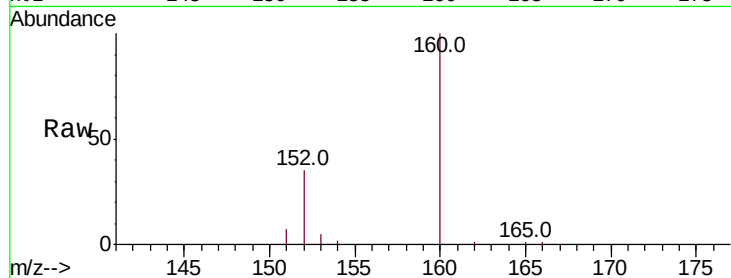
Acq: 23 Oct 2019 07:31

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	152	Resp:	7867
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	14.5	11.0	16.4



#8

Acenaphthene

Concen: 0.163 ng/ul

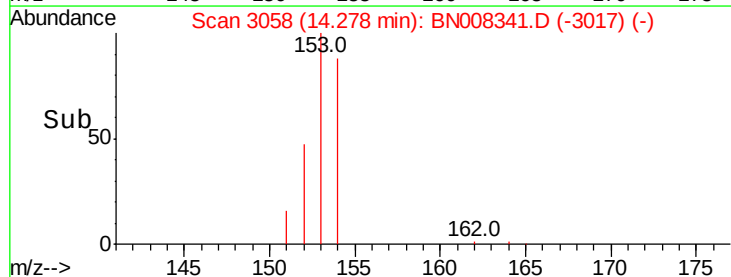
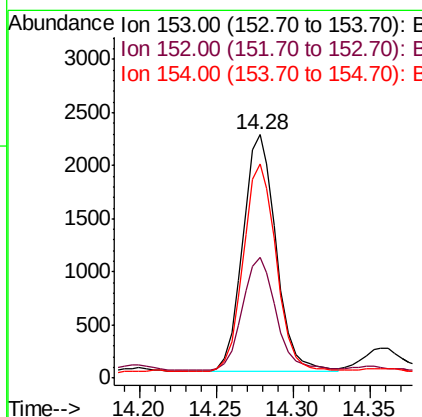
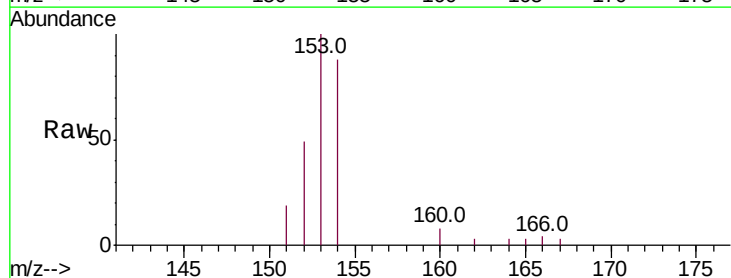
RT: 14.28 min Scan# 3058

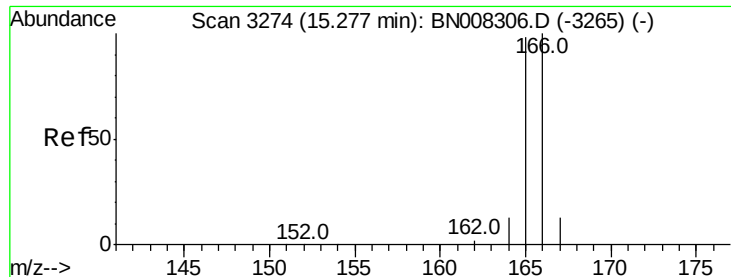
Delta R.T. -0.01 min

Lab File: BN008341.D

Acq: 23 Oct 2019 07:31

Tgt Ion:	153	Resp:	3379
Ion	Ratio	Lower	Upper
153	100		
152	49.5	38.2	57.2
154	88.0	71.8	107.8





#9

Fluorene

Concen: 0.208 ng/ul

RT: 15.27 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN008341.D

Acq: 23 Oct 2019 07:31

Instrument :

BNA_N

ClientSampleId :

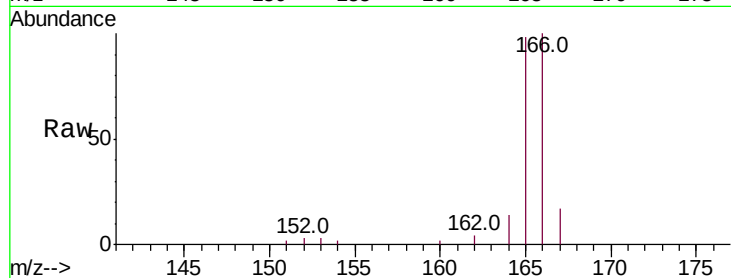
Tot Ion:166 Resp: 4894

Ion Ratio Lower Upper

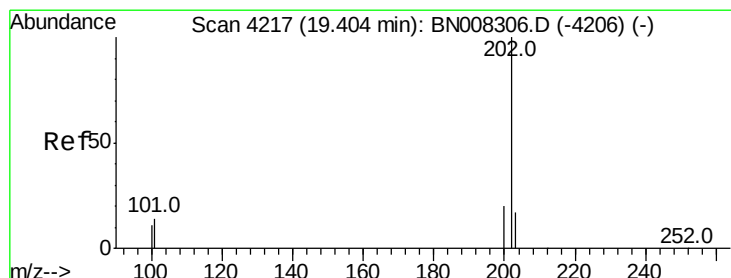
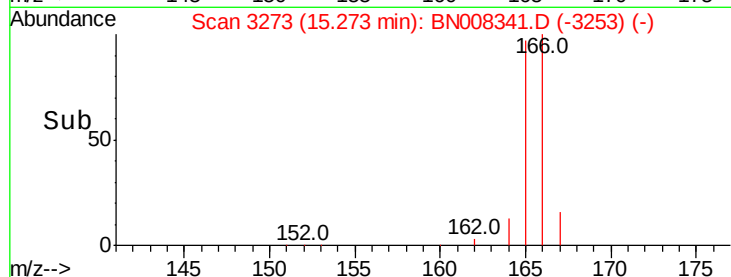
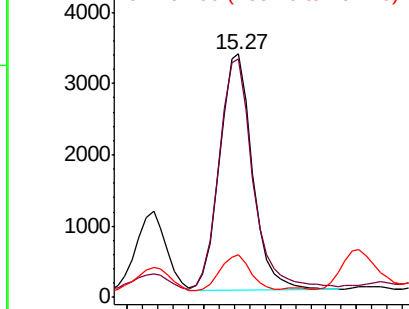
166 100

165 97.9 76.6 115.0

167 17.3 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: 6.027 ng/ul

RT: 19.40 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN008341.D

Acq: 23 Oct 2019 07:31

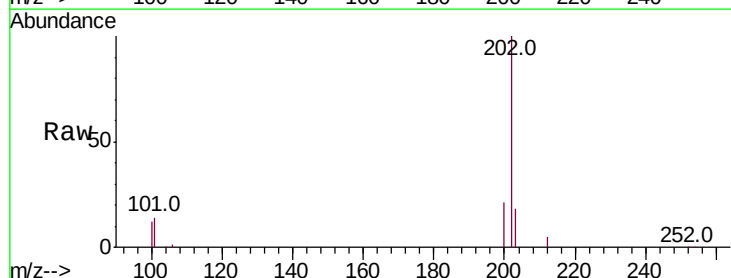
Tgt Ion:202 Resp: 274520

Ion Ratio Lower Upper

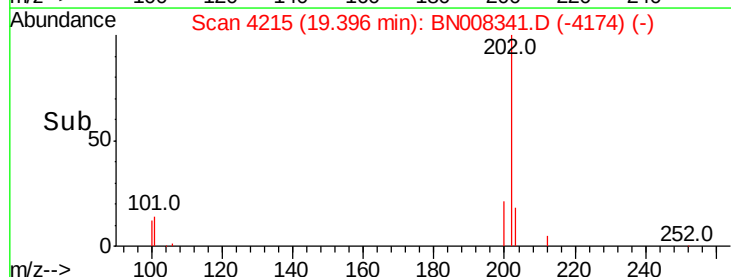
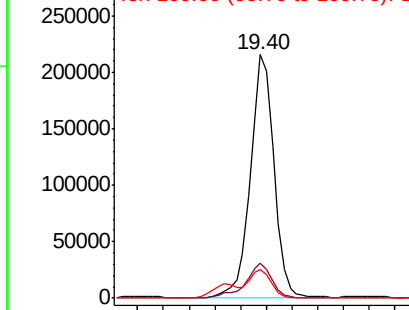
202 100

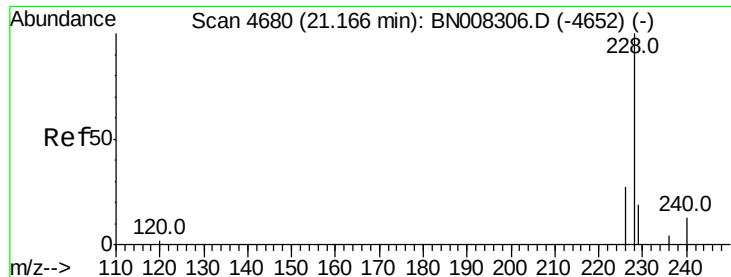
101 14.3 10.9 16.3

100 11.8 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: 3.658 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.01 min

Lab File: BN008341.D

Acq: 23 Oct 2019 07:31

Instrument :

BNA_N

ClientSampleId :

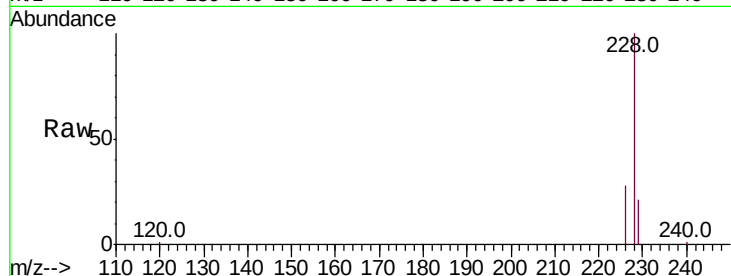
Tot Ion:228 Resp: 152120

Ion Ratio Lower Upper

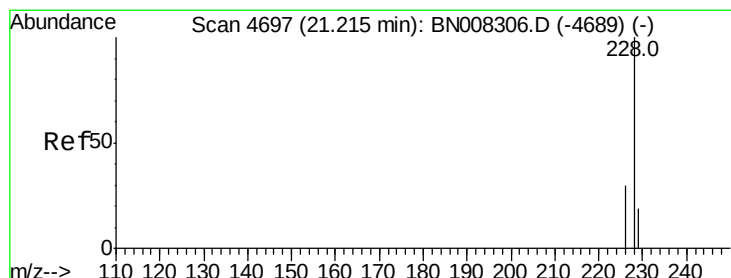
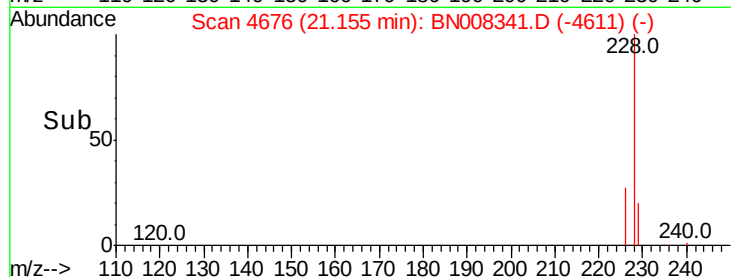
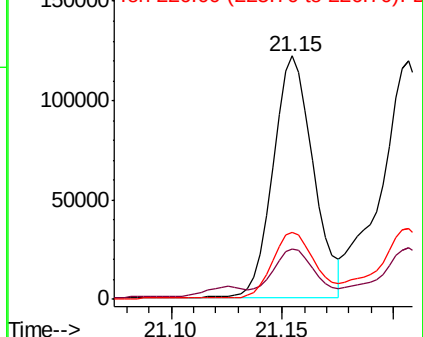
228 100

229 20.8 16.2 24.2

226 27.8 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: 3.488 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BN008341.D

Acq: 23 Oct 2019 07:31

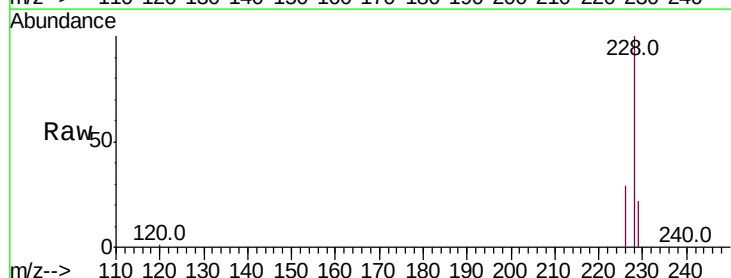
Tgt Ion:228 Resp: 178002

Ion Ratio Lower Upper

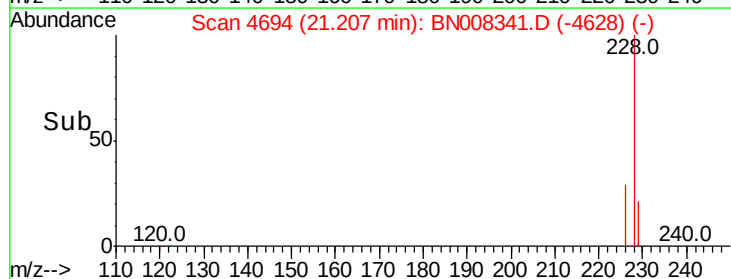
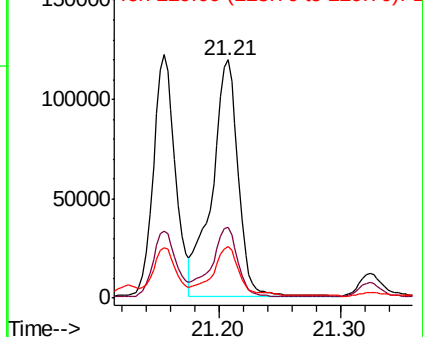
228 100

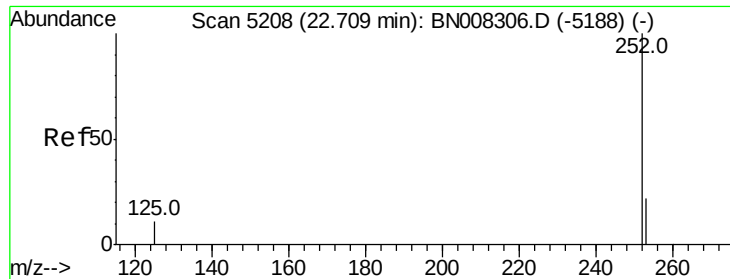
226 29.5 24.1 36.1

229 21.7 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: 8.393 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. -0.01 min

Lab File: BN008341.D

Acq: 23 Oct 2019 07:31

Instrument :

BNA_N

ClientSampleId :

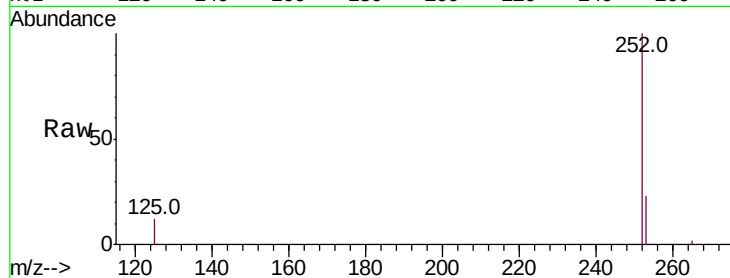
Tot Ion:252 Resp: 278901

Ion Ratio Lower Upper

252 100

253 23.3 0.0 53.4

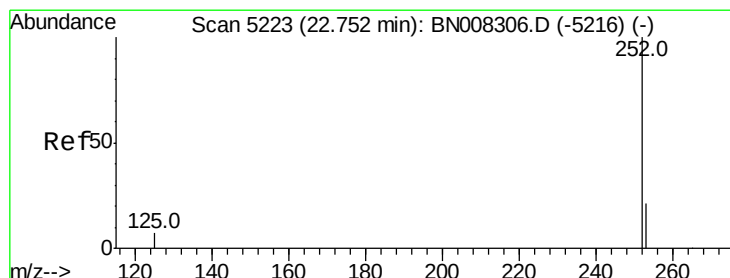
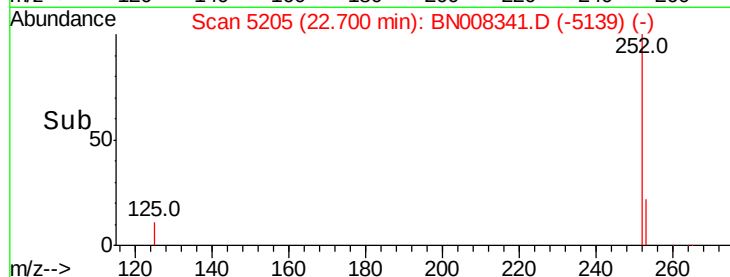
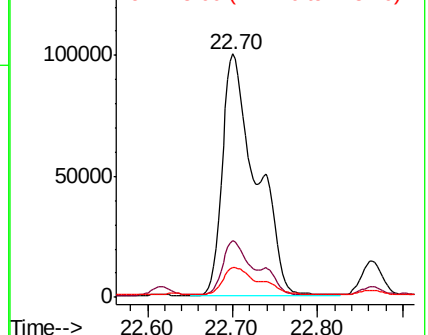
125 12.1 0.0 32.4



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: 7.409 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. -0.05 min

Lab File: BN008341.D

Acq: 23 Oct 2019 07:31

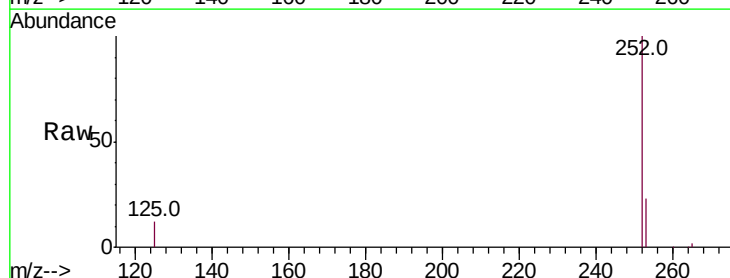
Tgt Ion:252 Resp: 278901

Ion Ratio Lower Upper

252 100

253 23.3 21.3 31.9

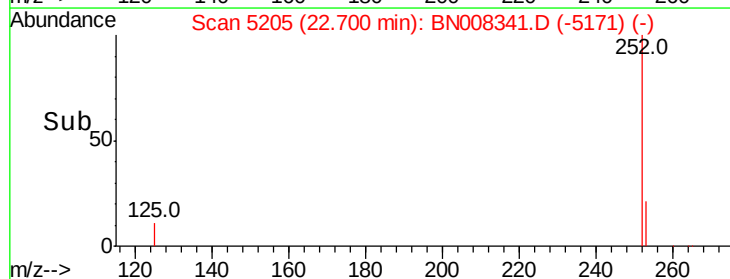
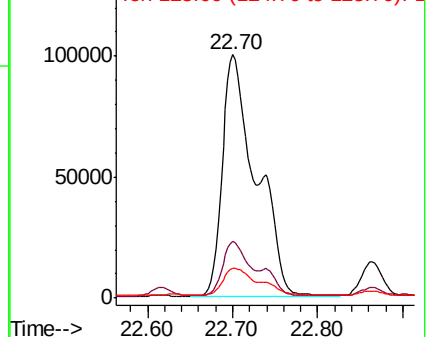
125 12.1 12.3 18.5#

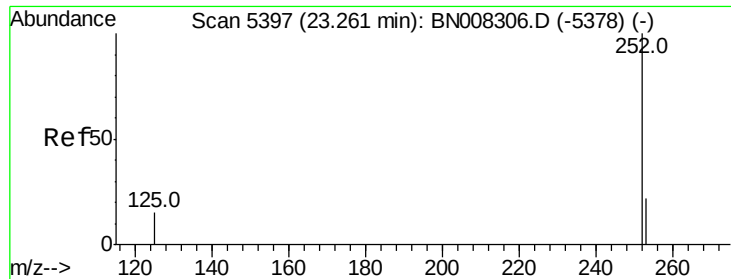


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.471 ng/ul

RT: 23.39 min Scan# 5440

Delta R.T. 0.13 min

Lab File: BN008341.D

Acq: 23 Oct 2019 07:31

Instrument :

BNA_N

ClientSampleId :

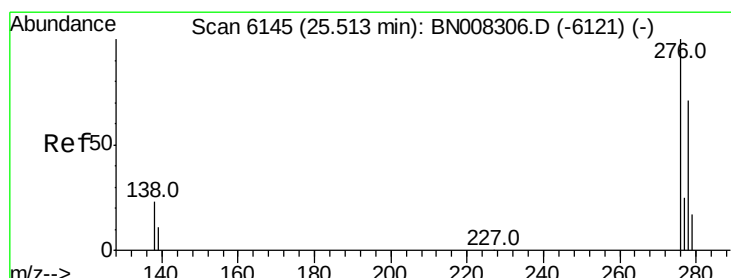
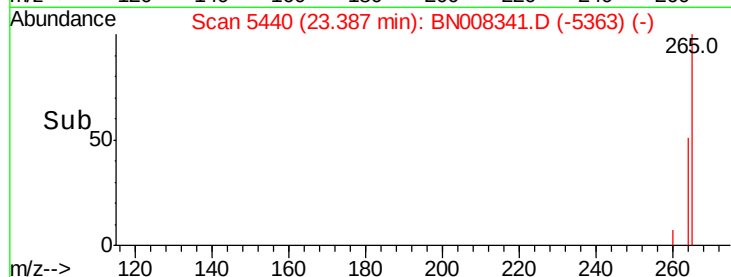
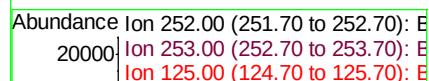
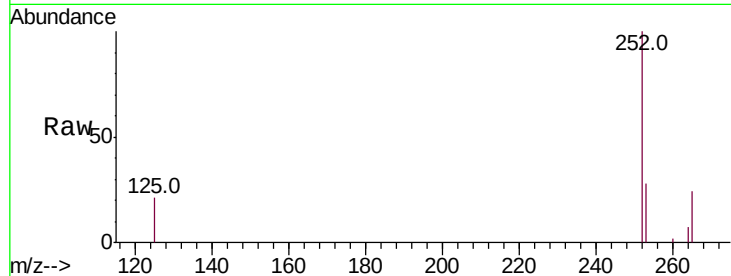
Tot Ion:252 Resp: 16486

Ion Ratio Lower Upper

252 100

253 27.6 22.8 34.2

125 21.5 18.4 27.6



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.910 ng/ul

RT: 25.49 min Scan# 6139

Delta R.T. -0.02 min

Lab File: BN008341.D

Acq: 23 Oct 2019 07:31

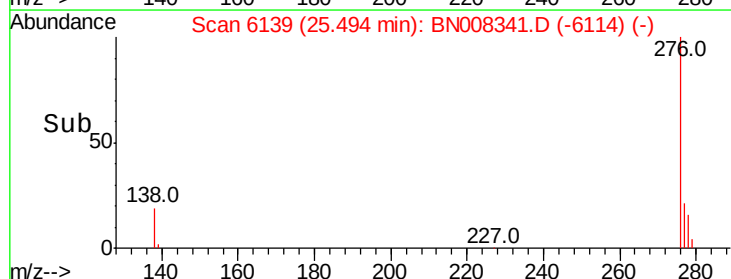
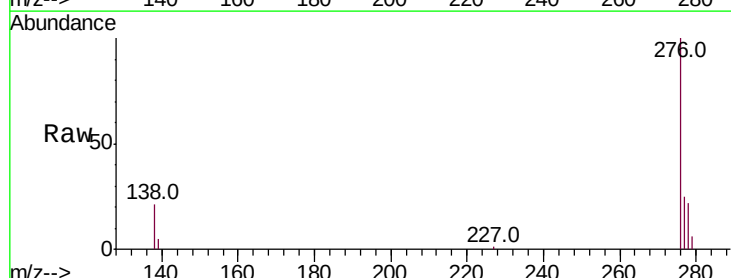
Tgt Ion:276 Resp: 78671

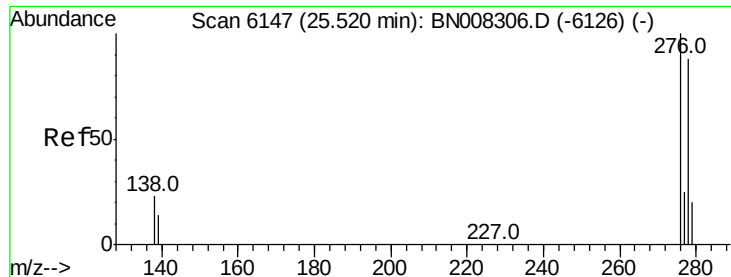
Ion Ratio Lower Upper

276 100

138 20.6 16.1 24.1

227 0.2 0.2 0.2



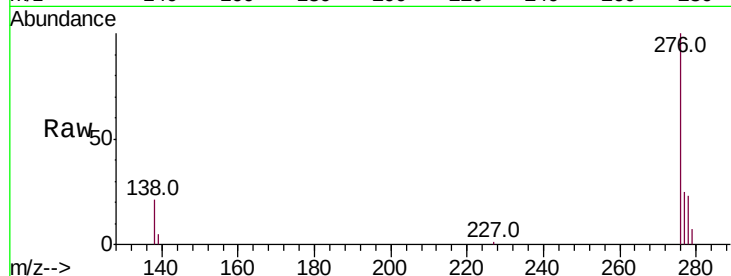


#25
Dibenzo(a,h)anthracene
Concen: 0.602 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. -0.03 min
Lab File: BN008341.D
Acq: 23 Oct 2019 07:31

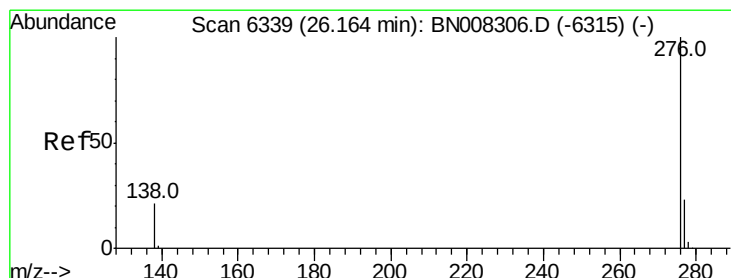
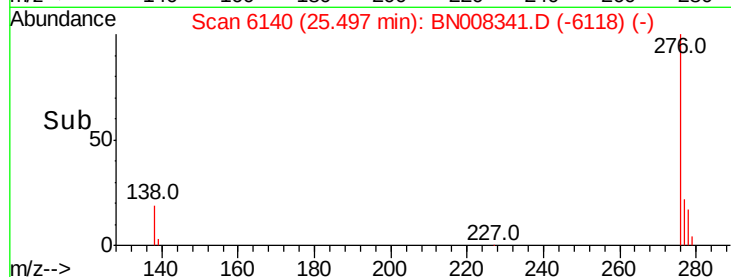
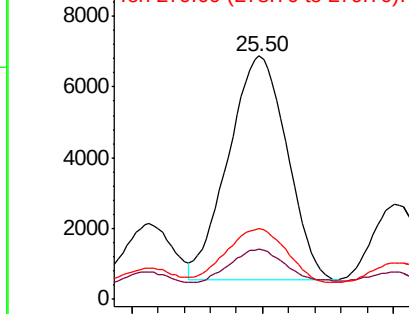
Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 19593

Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.0	22.6
279	29.2	22.4	33.6



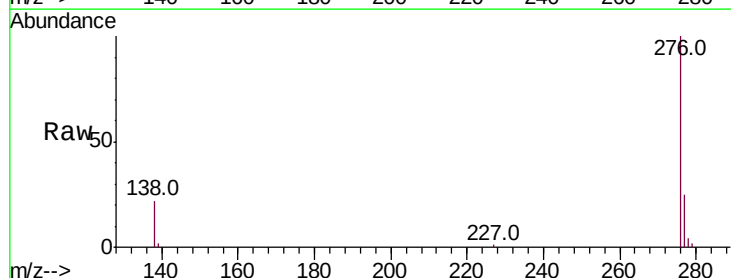
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 1.708 ng/ul
RT: 26.15 min Scan# 6335
Delta R.T. -0.02 min
Lab File: BN008341.D
Acq: 23 Oct 2019 07:31

Tgt Ion:276 Resp: 64505

Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.0	25.4
277	24.6	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

