

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008330.D
 Acq On : 23 Oct 2019 00:21
 Operator : JU
 Sample : K5223-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 23 01:05:41 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

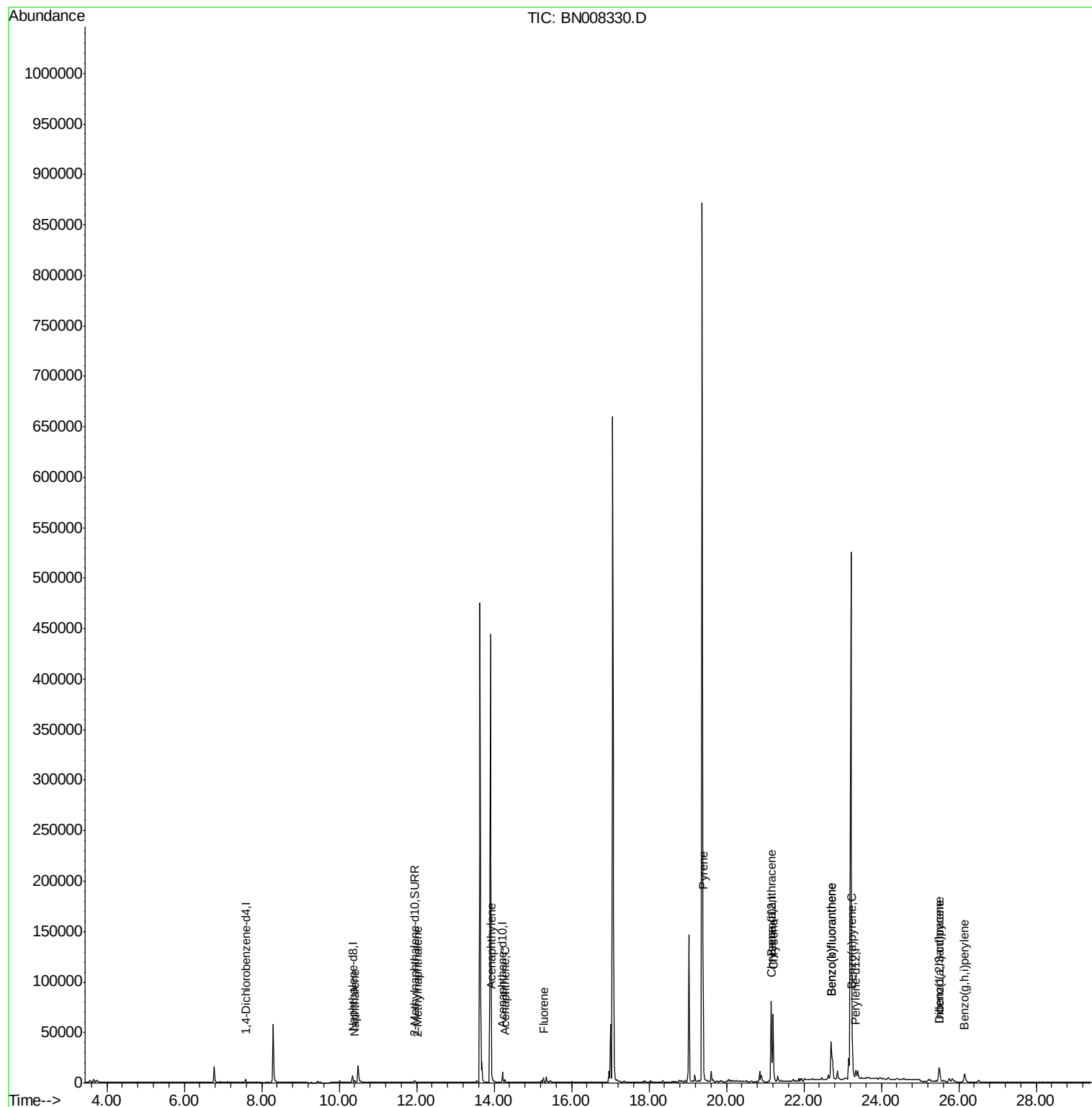
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1858	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	9169	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5746	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.17	240	12149	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10335	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3488	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	10616	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	1043	0.040	ng/ul#	84
5) 2-Methylnaphthalene	12.02	142	541	0.030	ng/ul	99
7) Acenaphthylene	13.94	152	2248	0.082	ng/ul#	90
8) Acenaphthene	14.28	153	1590	0.075	ng/ul	96
9) Fluorene	15.27	166	2859	0.118	ng/ul#	97
17) Pyrene	19.40	202	104063	2.151	ng/ul	99
18) Benzo(a)anthracene	21.15	228	65776	1.489	ng/ul	98
19) Chrysene	21.21	228	64881	1.197	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	86946	2.584	ng/ul	94
22) Benzo(k)fluoranthene	22.70	252	86946	2.281	ng/ul	95
23) Benzo(a)pyrene	23.25	252	41272	1.166	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.49	276	21149	0.507	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.50	278	5929	0.180	ng/ul#	88
26) Benzo(g,h,i)perylene	26.15	276	15496	0.405	ng/ul	97

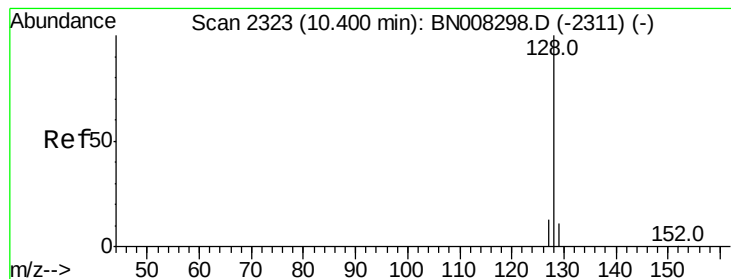
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008330.D

Acq: 23 Oct 2019 00:21

Instrument :

BNA_N

ClientSampleId :

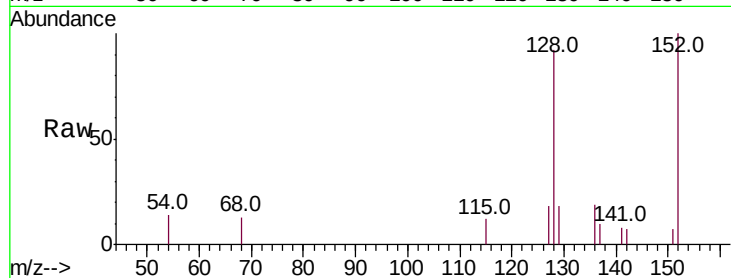
Tot Ion:128 Resp: 1043

Ion Ratio Lower Upper

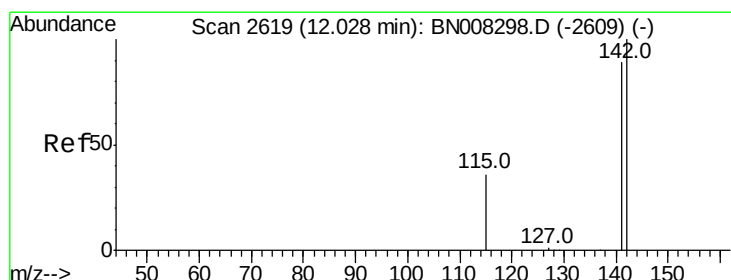
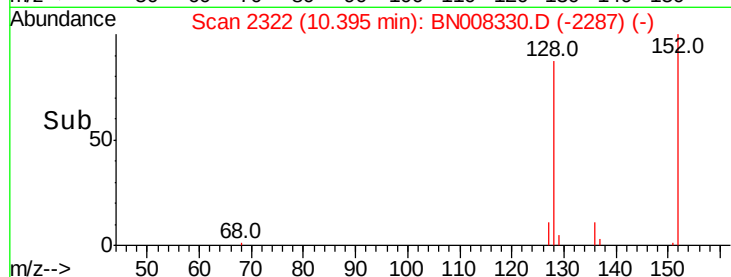
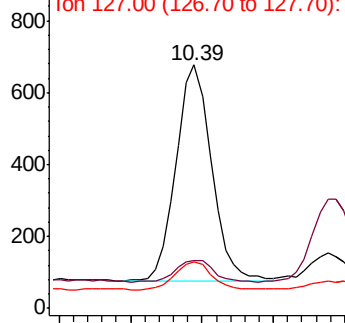
128 100

129 19.8 9.8 14.8#

127 19.1 11.1 16.7#



Abundance Ion 128.00 (127.70 to 128.70): E



#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BN008330.D

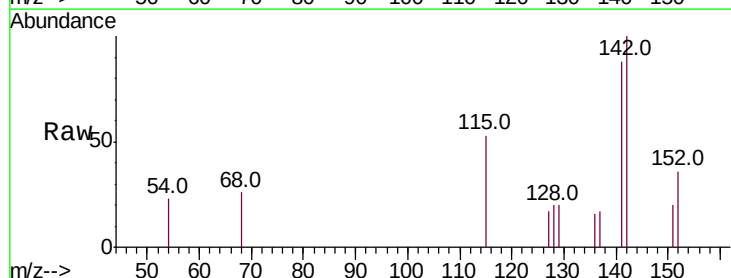
Acq: 23 Oct 2019 00:21

Tgt Ion:142 Resp: 541

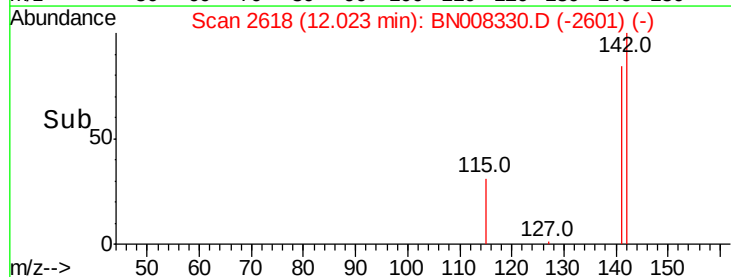
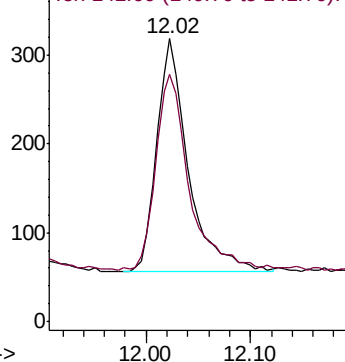
Ion Ratio Lower Upper

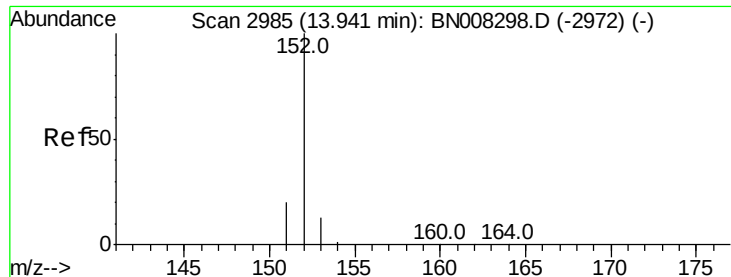
142 100

141 90.6 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E





#7

Acenaphthylene

Concen: 0.082 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008330.D

Acq: 23 Oct 2019 00:21

Instrument :

BNA_N

ClientSampleId :

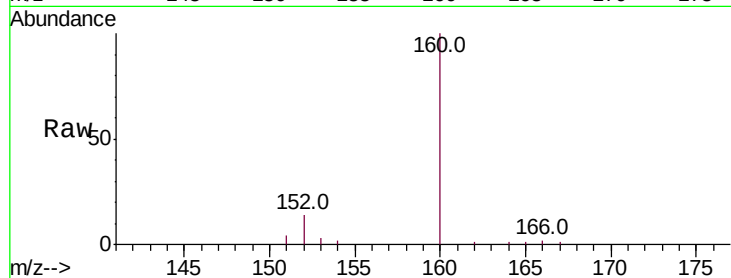
Tot Ion:152 Resp: 2248

Ion Ratio Lower Upper

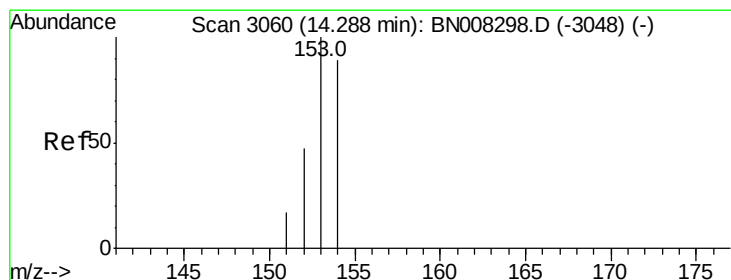
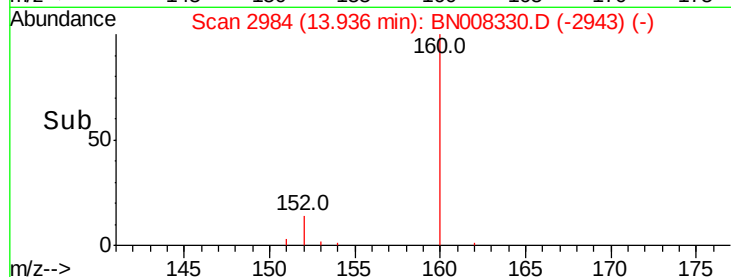
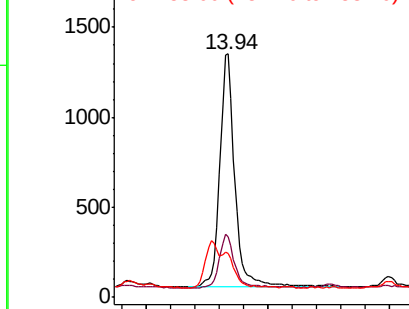
152 100

151 24.9 16.2 24.4#

153 18.1 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: 0.075 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN008330.D

Acq: 23 Oct 2019 00:21

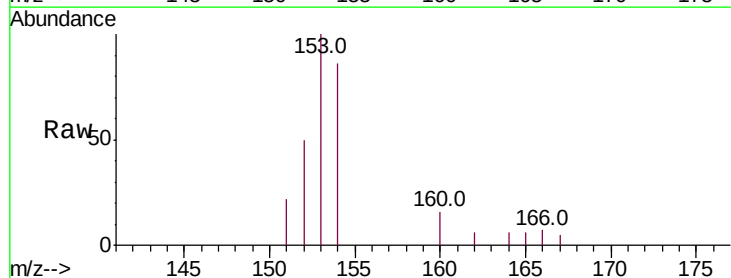
Tgt Ion:153 Resp: 1590

Ion Ratio Lower Upper

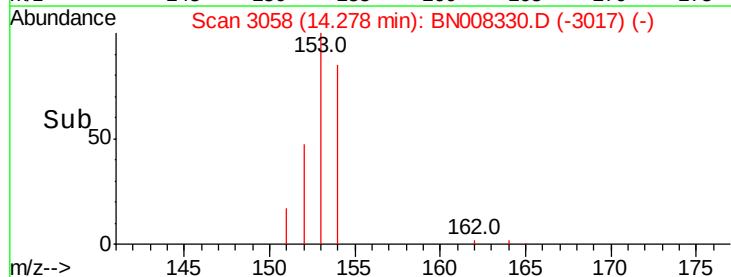
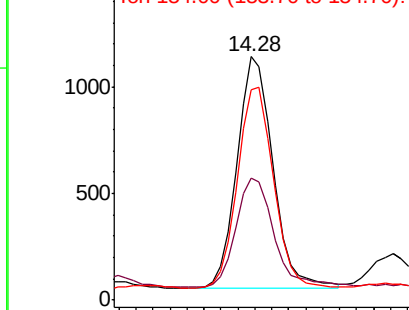
153 100

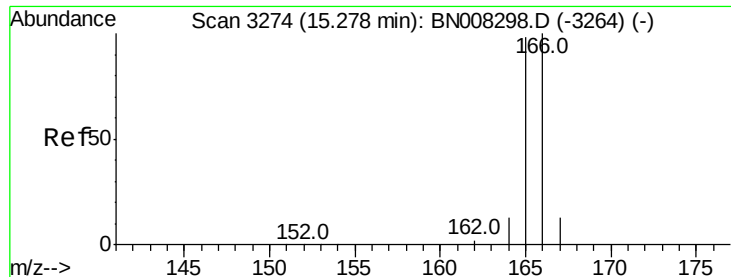
152 50.2 38.2 57.2

154 86.2 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

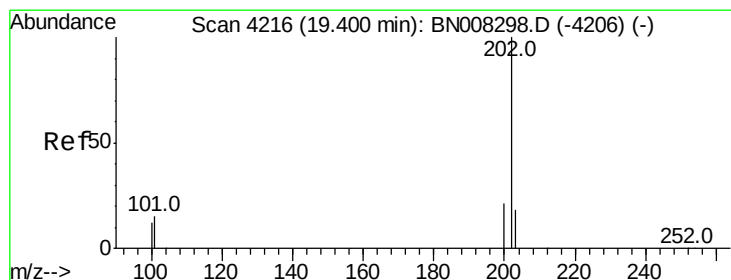
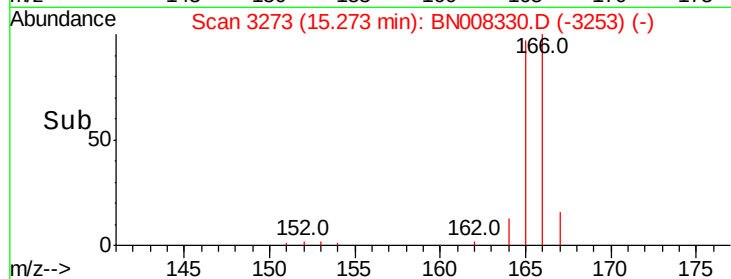
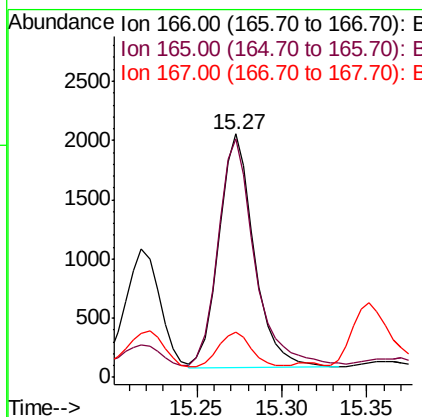
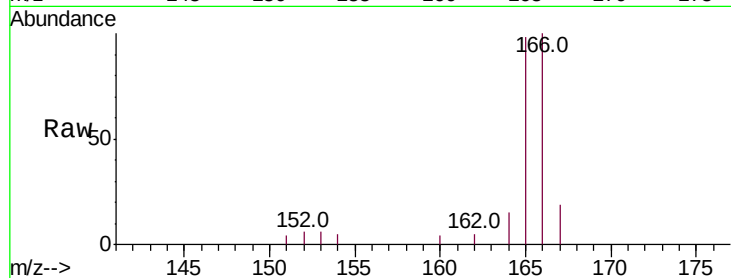




#9
Fluorene
 Concen: 0.118 ng/ul
 RT: 15.27 min Scan# 3273
 Delta R.T. -0.01 min
 Lab File: BN008330.D
 Acq: 23 Oct 2019 00:21

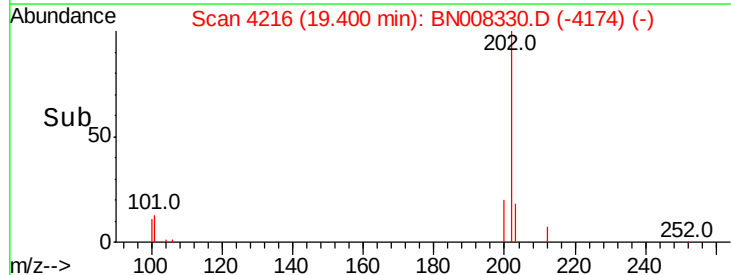
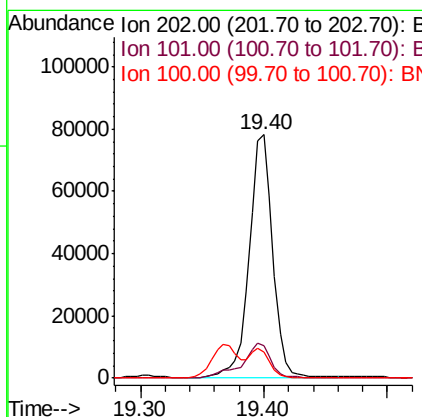
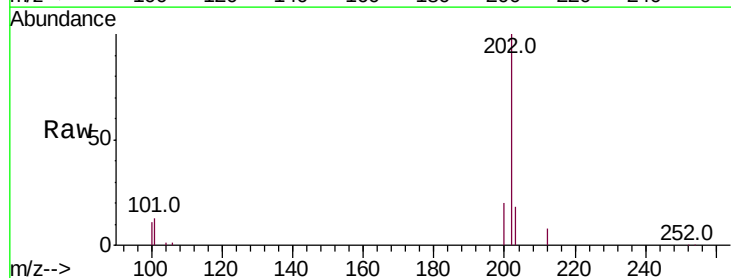
Instrument :
 BNA_N
 ClientSampleId :

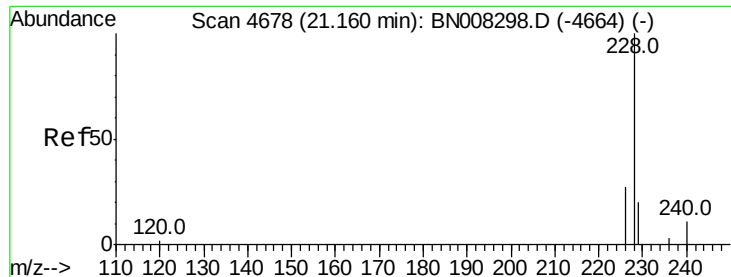
Tot Ion:166 Resp: 2859
 Ion Ratio Lower Upper
 166 100
 165 98.0 76.6 115.0
 167 18.5 11.7 17.5#



#17
Pyrene
 Concen: 2.151 ng/ul
 RT: 19.40 min Scan# 4216
 Delta R.T. -0.00 min
 Lab File: BN008330.D
 Acq: 23 Oct 2019 00:21

Tgt Ion:202 Resp: 104063
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.9 16.3
 100 10.7 8.7 13.1





#18

Benzo(a)anthracene

Concen: 1.489 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.01 min

Lab File: BN008330.D

Acq: 23 Oct 2019 00:21

Instrument :

BNA_N

ClientSampleId :

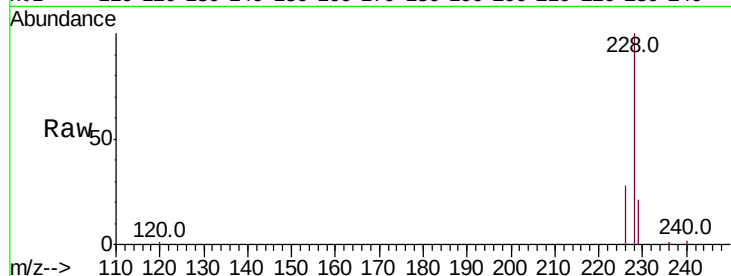
Tot Ion:228 Resp: 65776

Ion Ratio Lower Upper

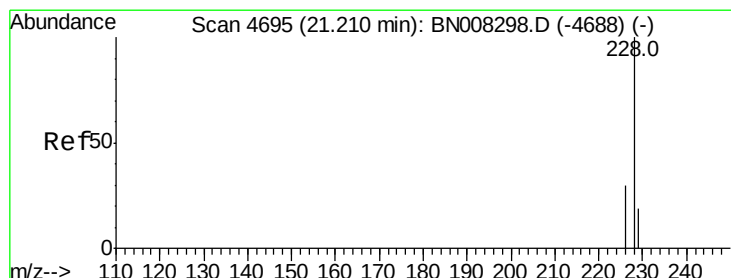
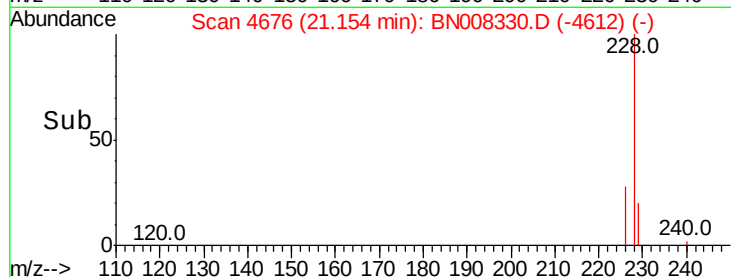
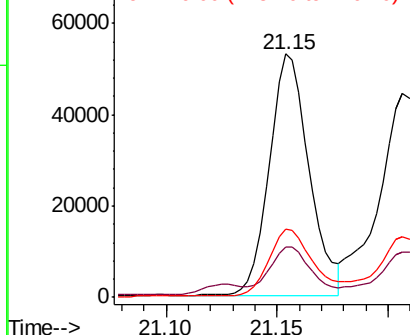
228 100

229 20.8 16.2 24.2

226 28.1 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: 1.197 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BN008330.D

Acq: 23 Oct 2019 00:21

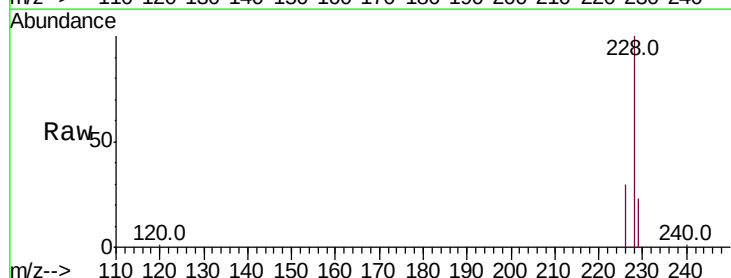
Tgt Ion:228 Resp: 64881

Ion Ratio Lower Upper

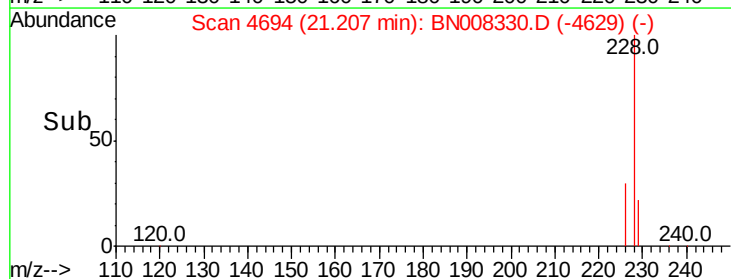
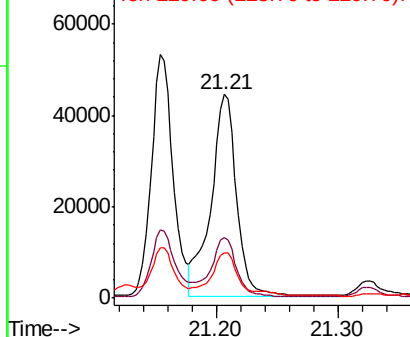
228 100

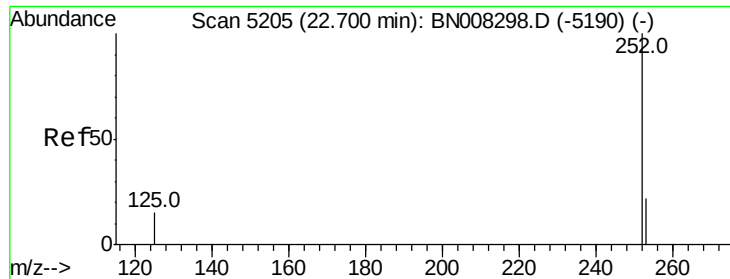
226 30.0 24.1 36.1

229 22.5 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: 2.584 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. -0.01 min

Lab File: BN008330.D

Acq: 23 Oct 2019 00:21

Instrument :

BNA_N

ClientSampleId :

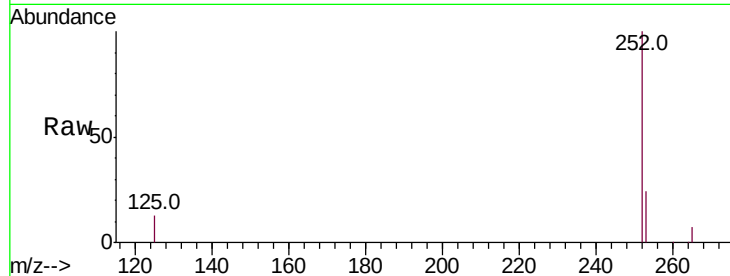
Tot Ion:252 Resp: 86946

Ion Ratio Lower Upper

252 100

253 23.8 0.0 53.4

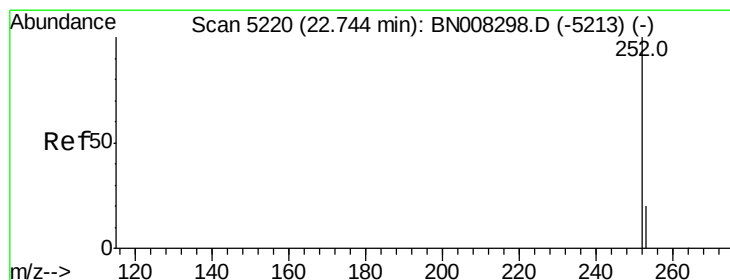
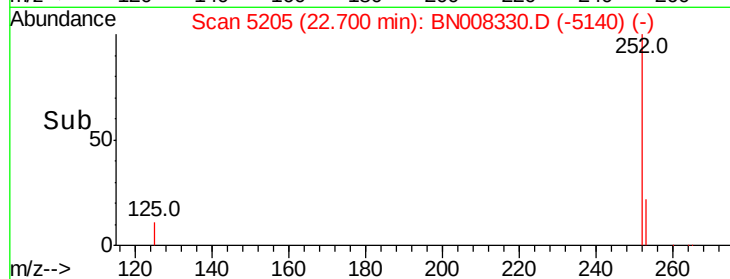
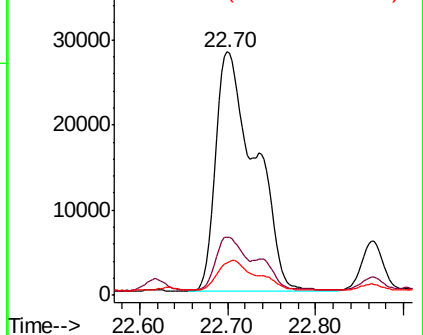
125 13.3 0.0 32.4



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: 2.281 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. -0.05 min

Lab File: BN008330.D

Acq: 23 Oct 2019 00:21

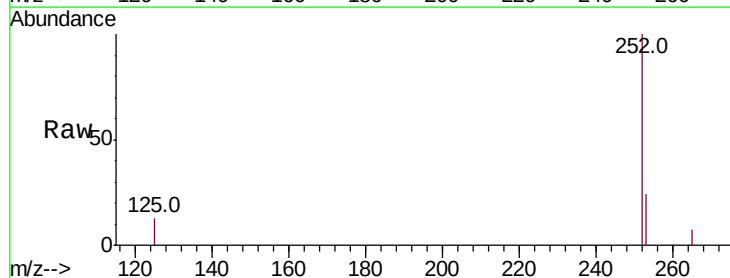
Tgt Ion:252 Resp: 86946

Ion Ratio Lower Upper

252 100

253 23.8 21.3 31.9

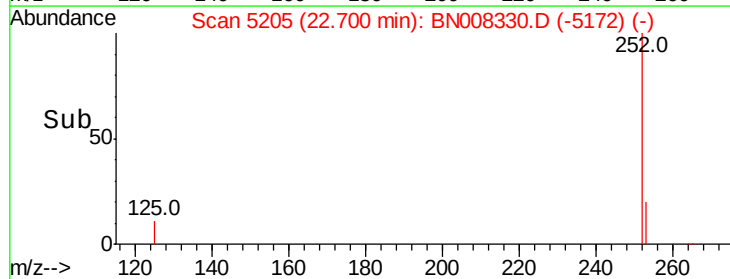
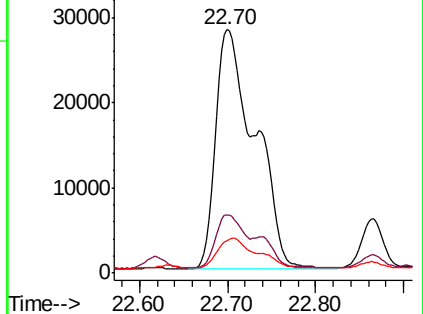
125 13.3 12.3 18.5

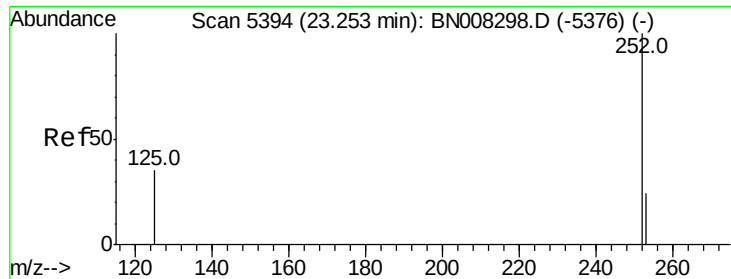


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.166 ng/ul

RT: 23.25 min Scan# 5393

Delta R.T. -0.01 min

Lab File: BN008330.D

Acq: 23 Oct 2019 00:21

Instrument :

BNA_N

ClientSampleId :

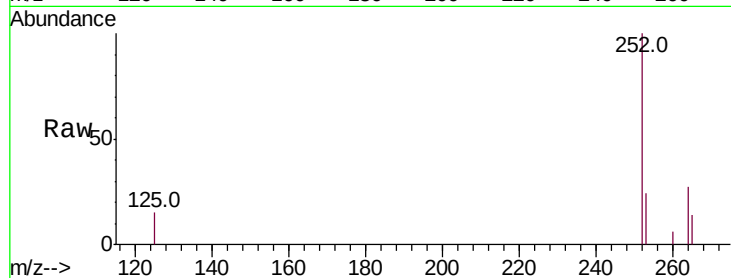
Tot Ion:252 Resp: 41272

Ion Ratio Lower Upper

252 100

253 24.2 22.8 34.2

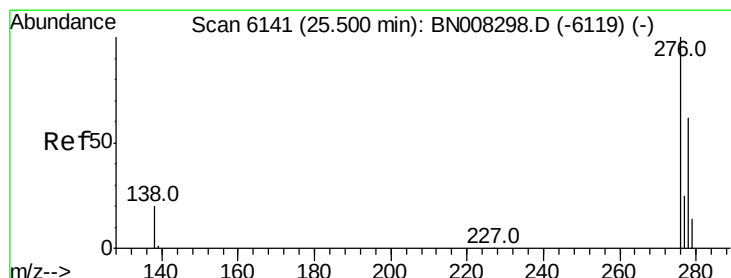
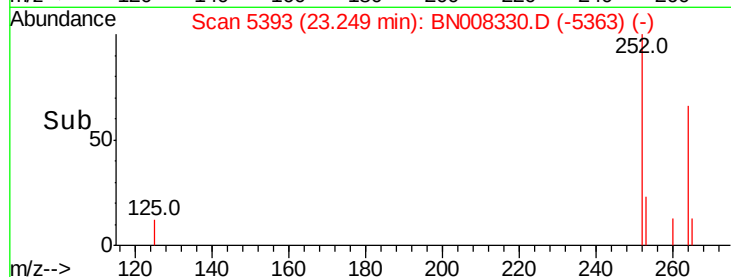
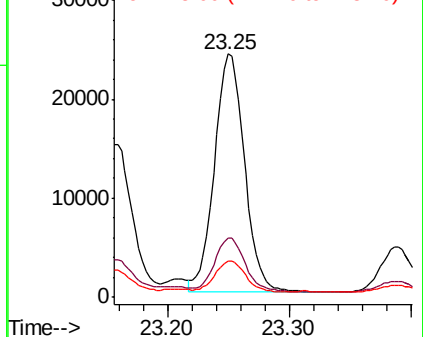
125 15.0 18.4 27.6#



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: 0.507 ng/ul

RT: 25.49 min Scan# 6139

Delta R.T. -0.02 min

Lab File: BN008330.D

Acq: 23 Oct 2019 00:21

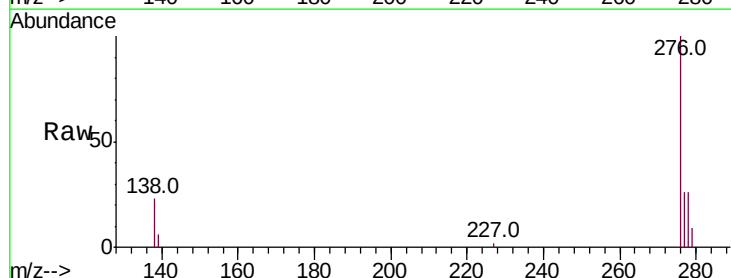
Tgt Ion:276 Resp: 21149

Ion Ratio Lower Upper

276 100

138 21.5 16.1 24.1

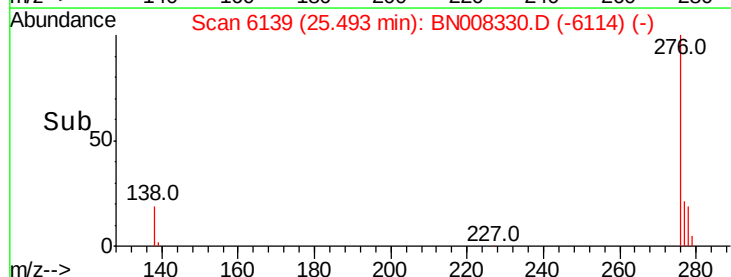
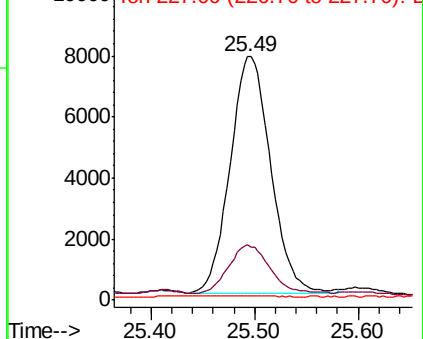
227 0.0 0.2 0.2#

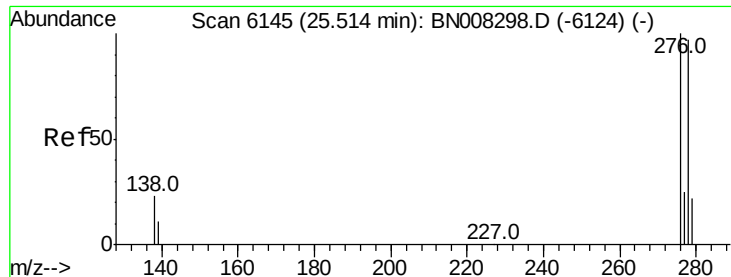


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

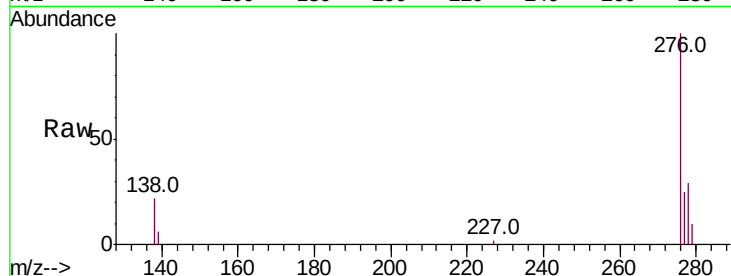




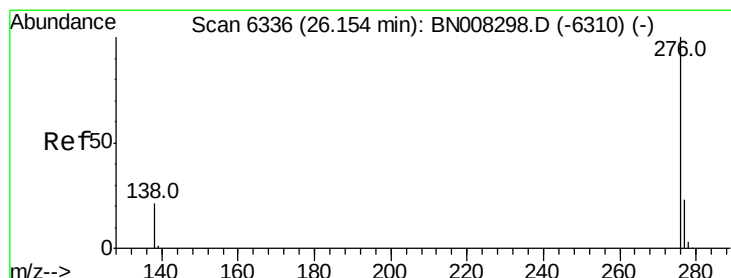
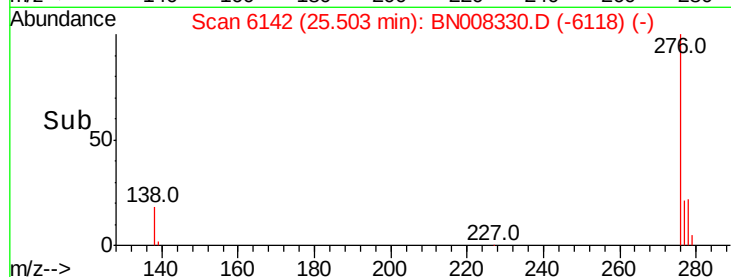
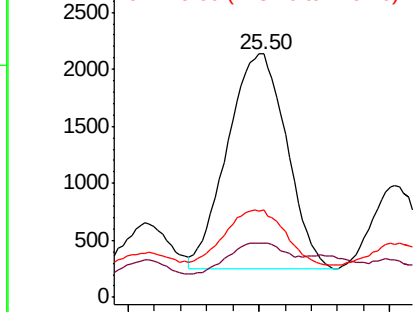
#25
Dibenzo(a,h)anthracene
Concen: 0.180 ng/ul
RT: 25.50 min Scan# 6142
Delta R.T. -0.02 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 5929
Ion Ratio Lower Upper
278 100
139 22.4 15.0 22.6
279 35.8 22.4 33.6#

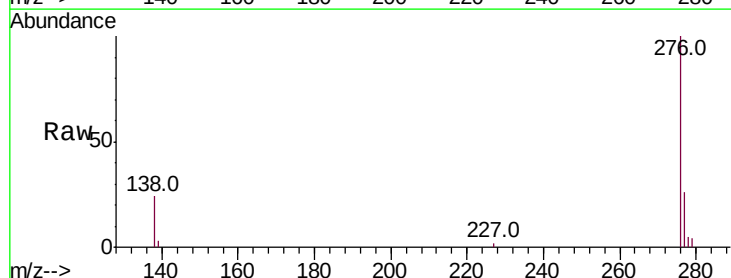


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 26.15 min Scan# 6335
Delta R.T. -0.02 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:276 Resp: 15496
Ion Ratio Lower Upper
276 100
138 23.7 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

