

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008323.D
 Acq On : 22 Oct 2019 20:10
 Operator : JU
 Sample : K5223-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 23 01:05:00 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

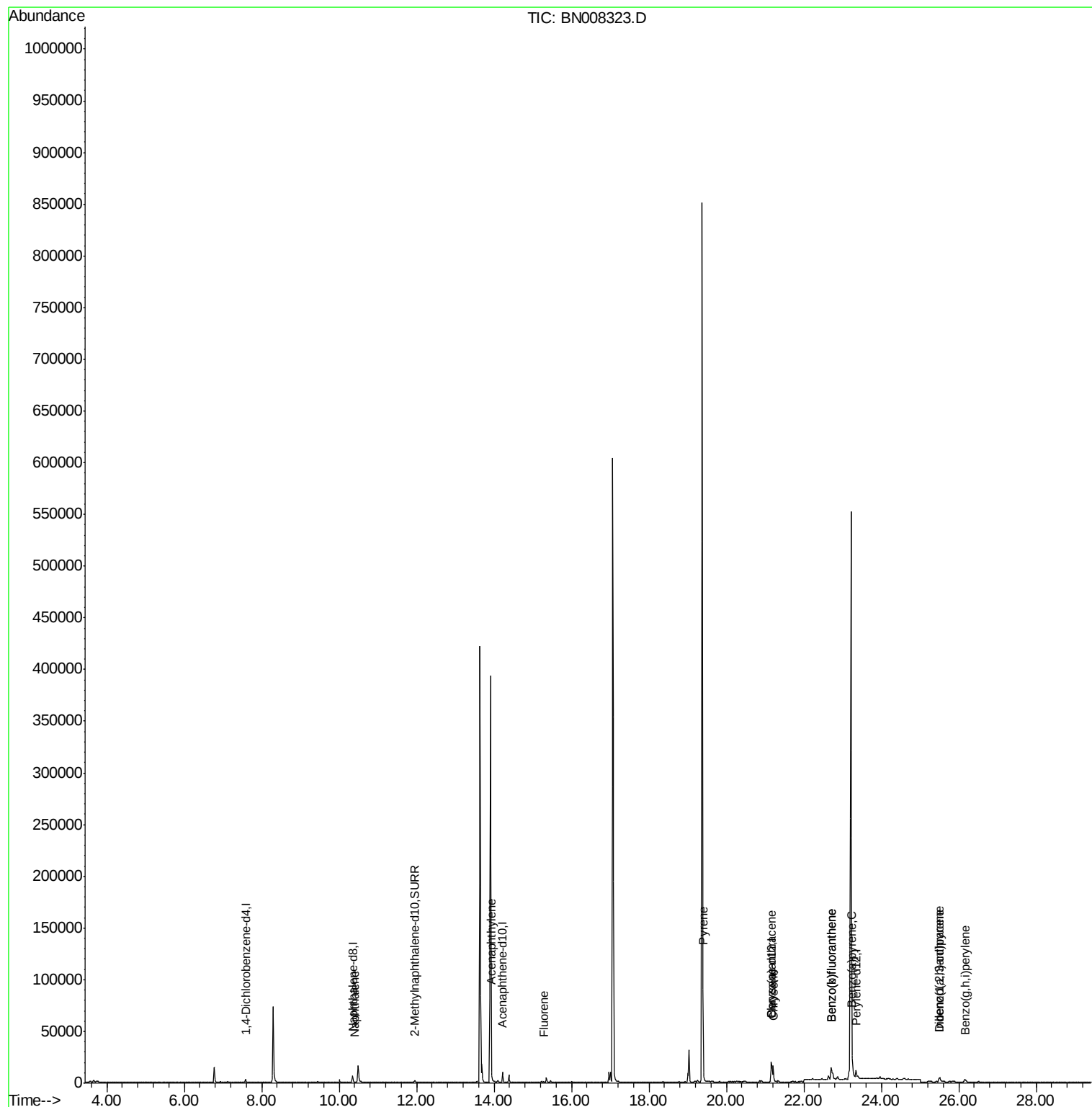
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1657	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8241	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5205	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.17	240	10795	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9693	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3116	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	9854	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.39	128	547	0.023	ng/ul#	68
7) Acenaphthylene	13.94	152	1384	0.056	ng/ul#	81
9) Fluorene	15.27	166	501	0.023	ng/ul#	91
17) Pyrene	19.40	202	25309	0.589	ng/ul	98
18) Benzo(a)anthracene	21.16	228	15082	0.384	ng/ul	96
19) Chrysene	21.21	228	16935	0.352	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	25845	0.819	ng/ul	93
22) Benzo(k)fluoranthene	22.70	252	25845	0.723	ng/ul#	93
23) Benzo(a)pyrene	23.25	252	12349	0.372	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.50	276	7767	0.199	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.50	278	2179	0.070	ng/ul#	64
26) Benzo(g,h,i)perylene	26.15	276	5648	0.157	ng/ul#	90

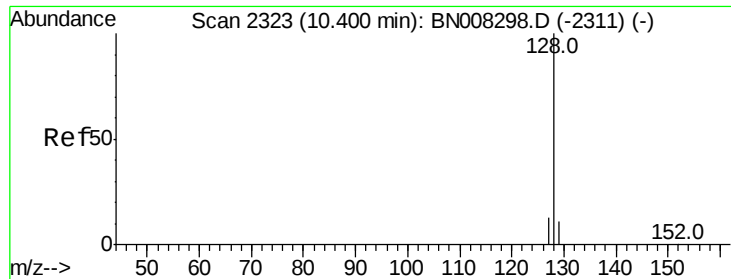
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 21 23:58:15 2019
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#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

Instrument :

BNA_N

ClientSampleId :

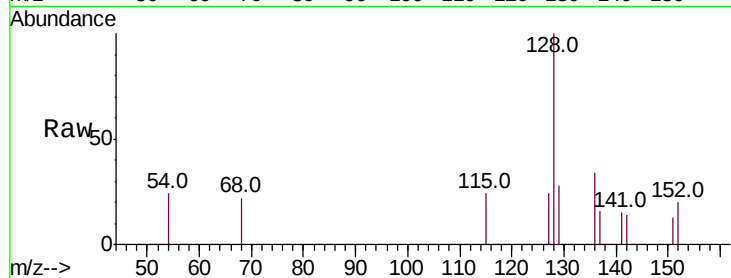
Tot Ion:128 Resp: 547

Ion Ratio Lower Upper

128 100

129 27.7 9.8 14.8#

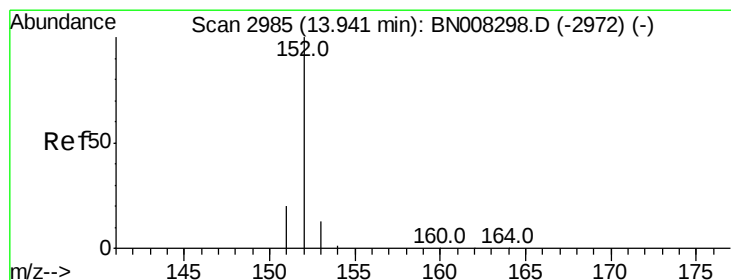
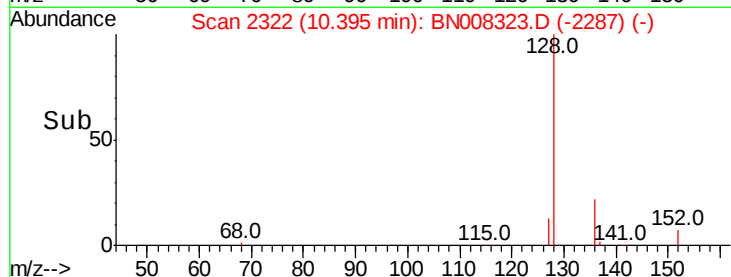
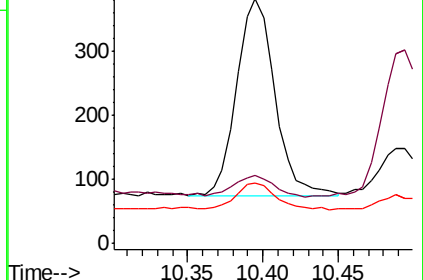
127 24.3 11.1 16.7#



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



#7

Acenaphthylene

Concen: 0.056 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

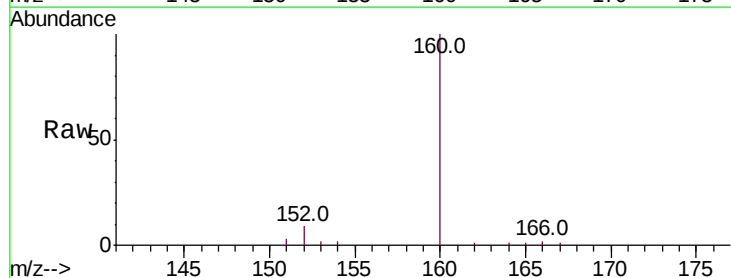
Tgt Ion:152 Resp: 1384

Ion Ratio Lower Upper

152 100

151 29.6 16.2 24.4#

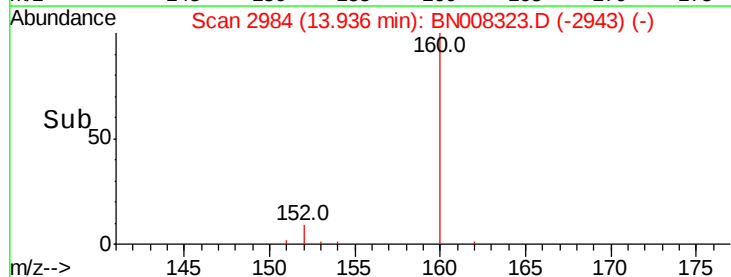
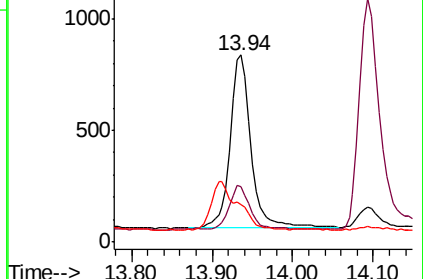
153 20.2 11.0 16.4#

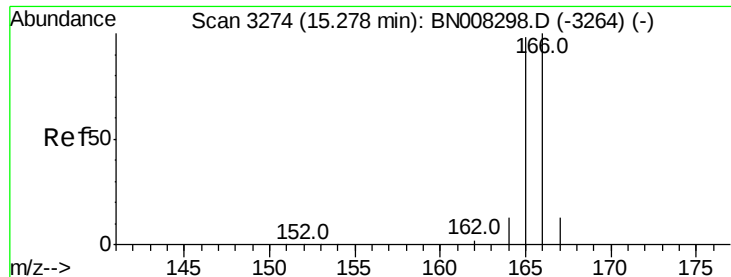


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Fluorene

Concen: 0.023 ng/ul

RT: 15.27 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

Instrument :

BNA_N

ClientSampleId :

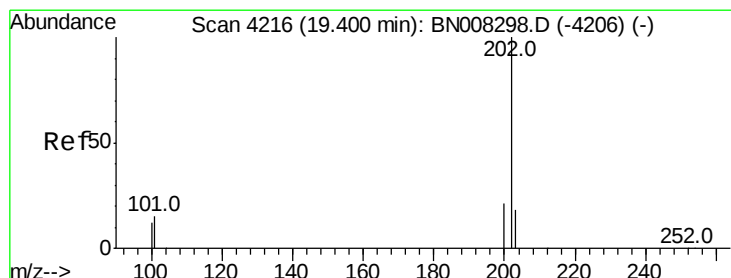
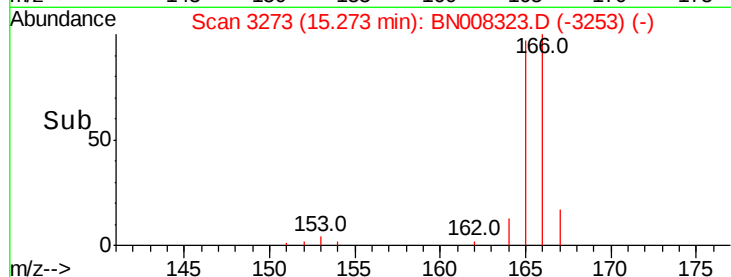
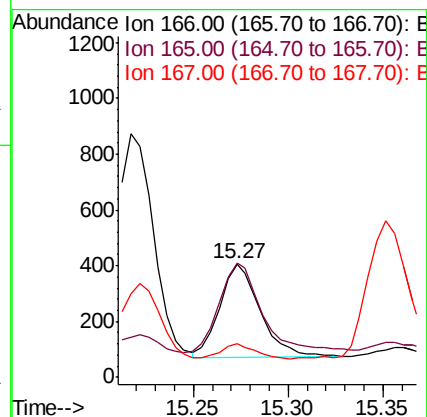
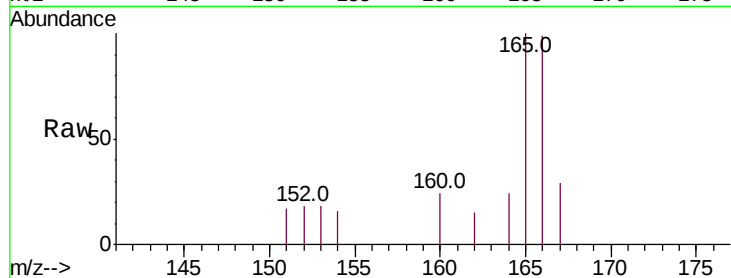
Tot Ion:166 Resp: 501

Ion Ratio Lower Upper

166 100

165 100.7 76.6 115.0

167 29.2 11.7 17.5#



#17

Pyrene

Concen: 0.589 ng/ul

RT: 19.40 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

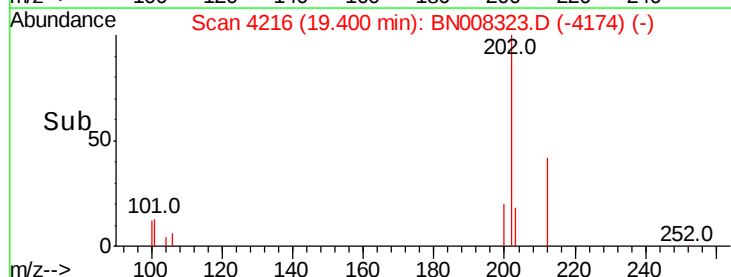
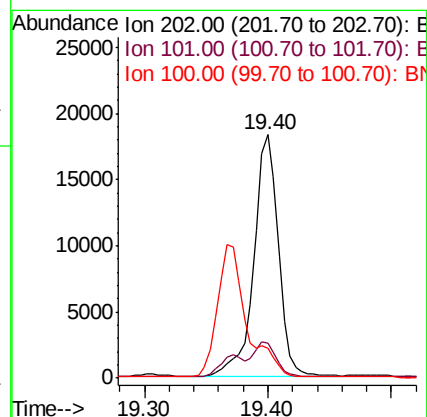
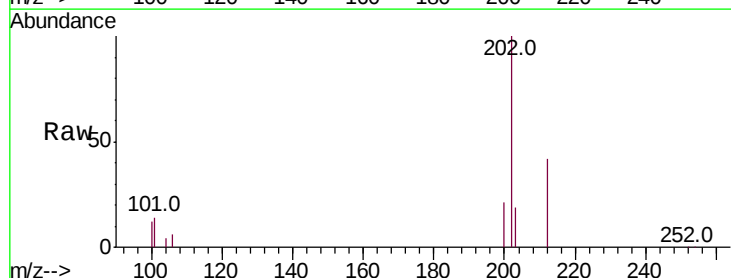
Tgt Ion:202 Resp: 25309

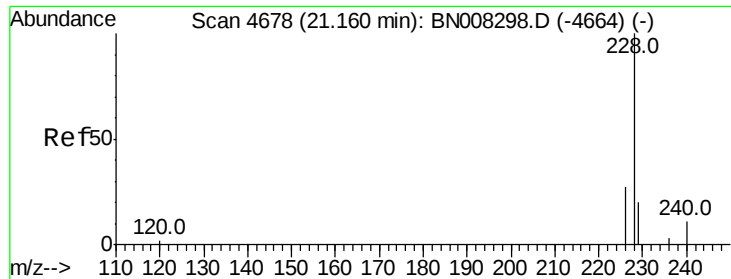
Ion Ratio Lower Upper

202 100

101 14.1 10.9 16.3

100 12.0 8.7 13.1





#18

Benzo(a)anthracene

Concen: 0.384 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

Instrument :

BNA_N

ClientSampleId :

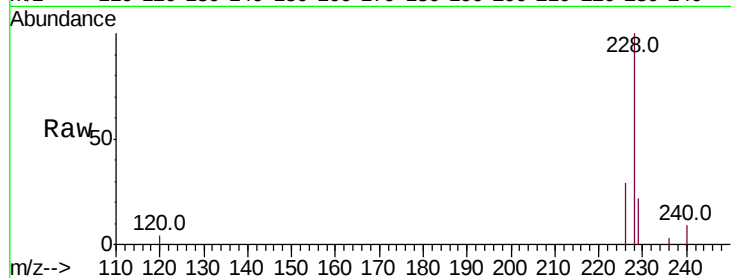
Tot Ion:228 Resp: 15082

Ion Ratio Lower Upper

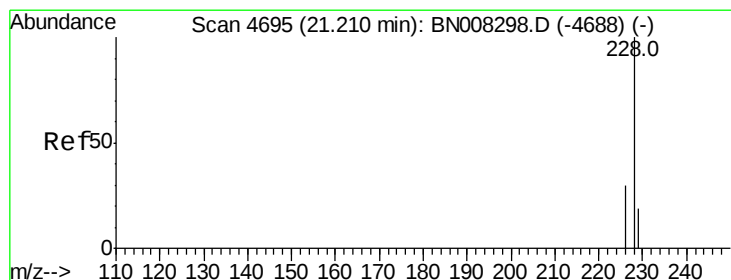
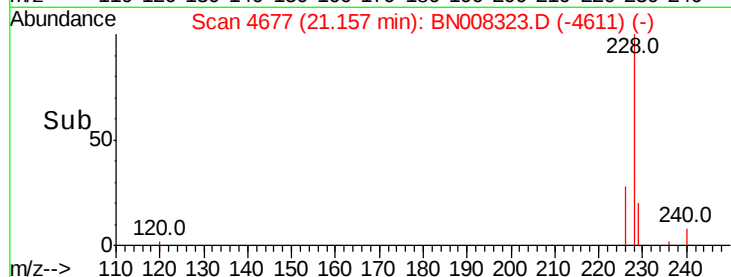
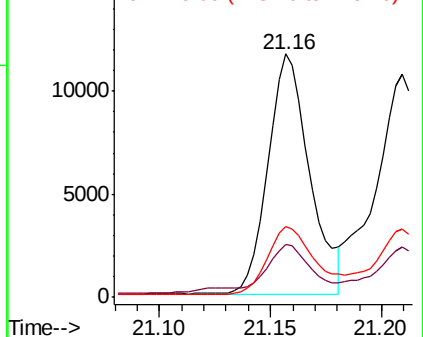
228 100

229 21.8 16.2 24.2

226 29.0 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: 0.352 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

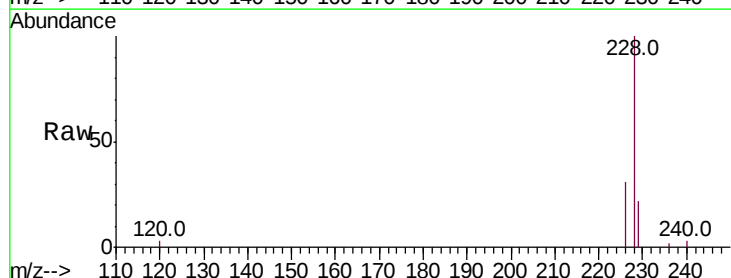
Tgt Ion:228 Resp: 16935

Ion Ratio Lower Upper

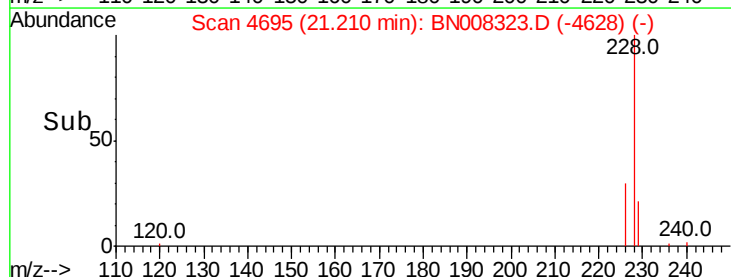
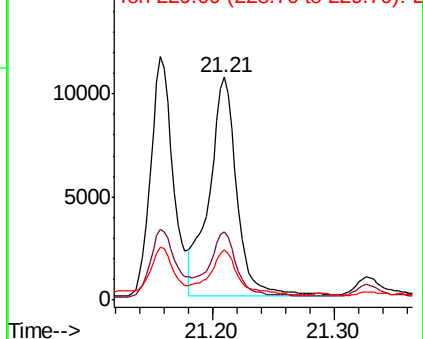
228 100

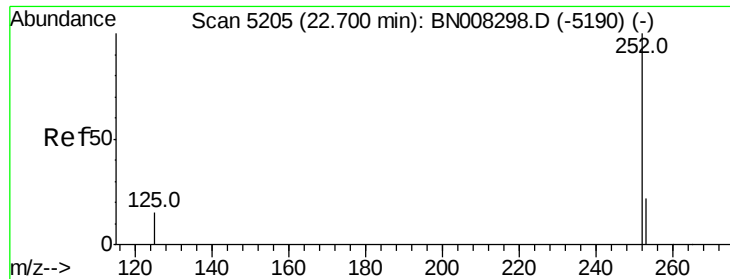
226 30.8 24.1 36.1

229 22.4 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: 0.819 ng/ul

RT: 22.70 min Scan# 5206

Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

Instrument :

BNA_N

ClientSampleId :

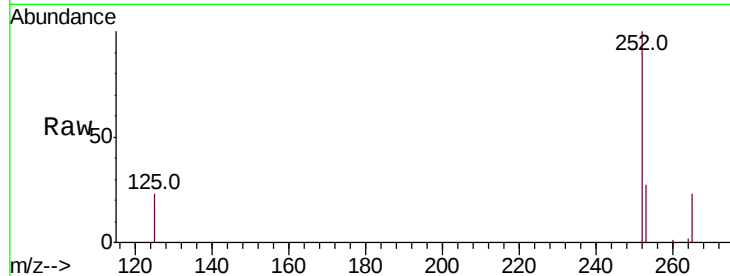
Tot Ion:252 Resp: 25845

Ion Ratio Lower Upper

252 100

253 27.5 0.0 53.4

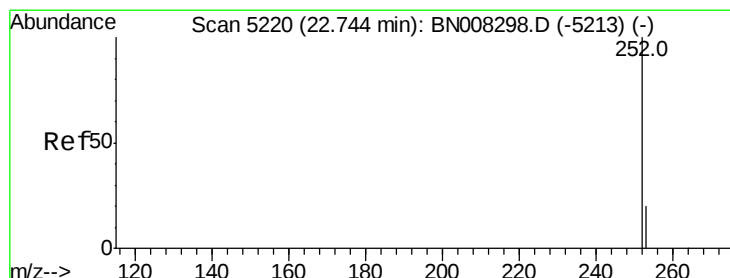
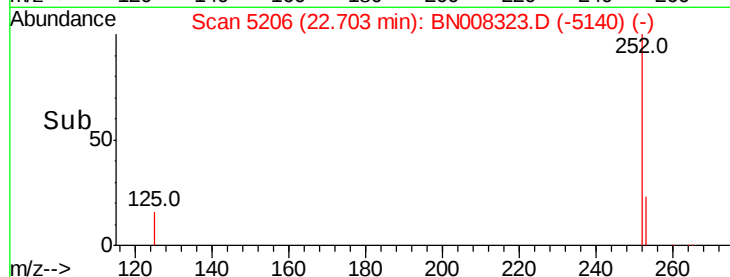
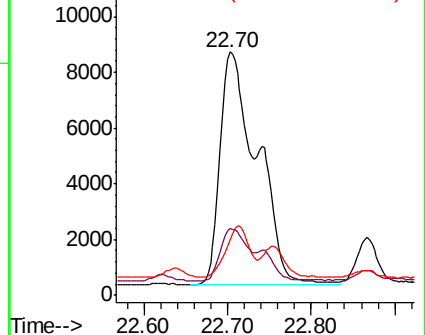
125 22.6 0.0 32.4



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: 0.723 ng/ul

RT: 22.70 min Scan# 5206

Delta R.T. -0.05 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

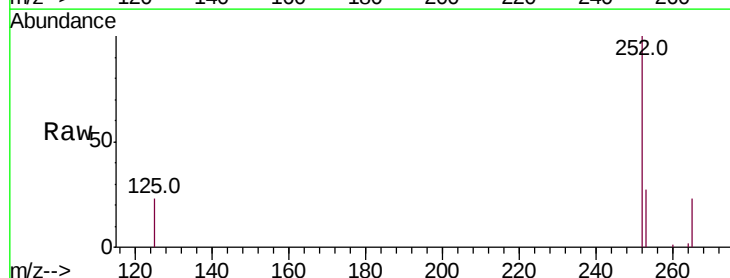
Tgt Ion:252 Resp: 25845

Ion Ratio Lower Upper

252 100

253 27.5 21.3 31.9

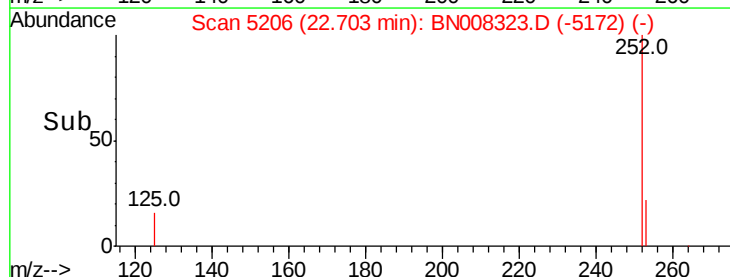
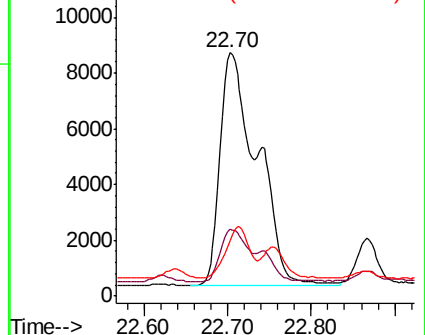
125 22.6 12.3 18.5#

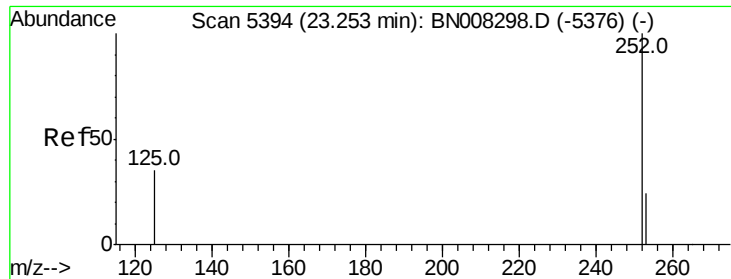


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.372 ng/ul

RT: 23.25 min Scan# 5394

Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

Instrument :

BNA_N

ClientSampleId :

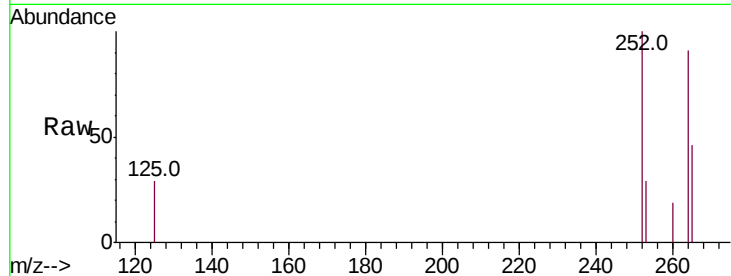
Tot Ion:252 Resp: 12349

Ion Ratio Lower Upper

252 100

253 28.6 22.8 34.2

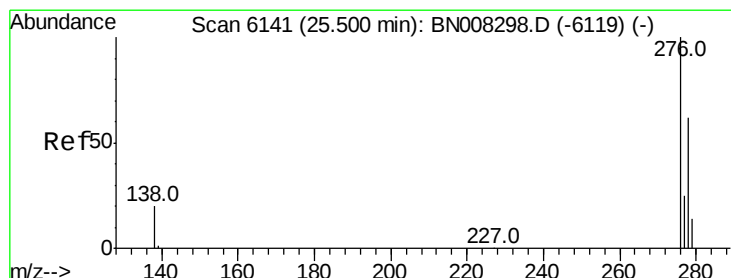
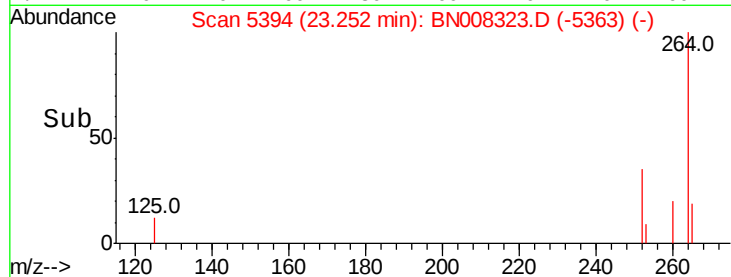
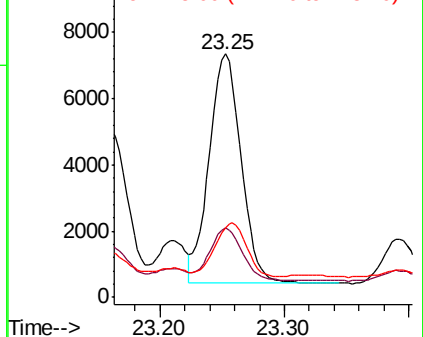
125 28.6 18.4 27.6#



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: 0.199 ng/ul

RT: 25.50 min Scan# 6140

Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

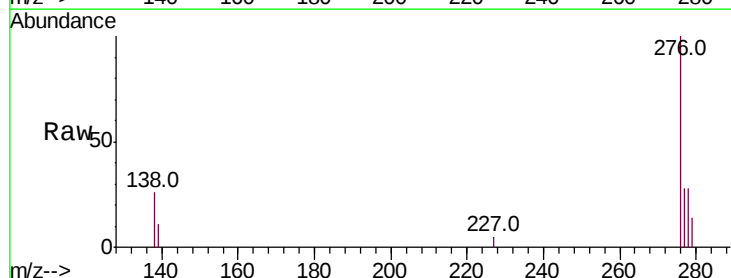
Tgt Ion:276 Resp: 7767

Ion Ratio Lower Upper

276 100

138 24.6 16.1 24.1#

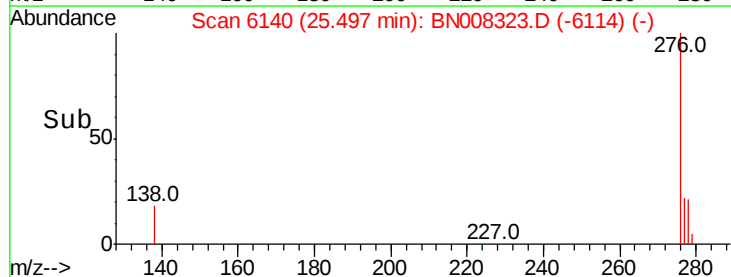
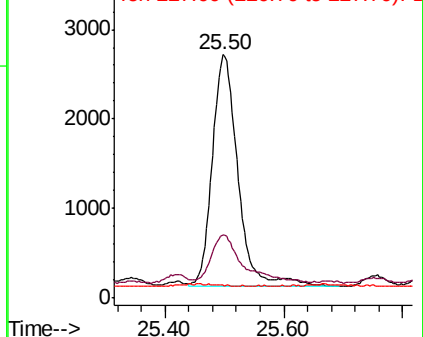
227 0.0 0.2 0.2#

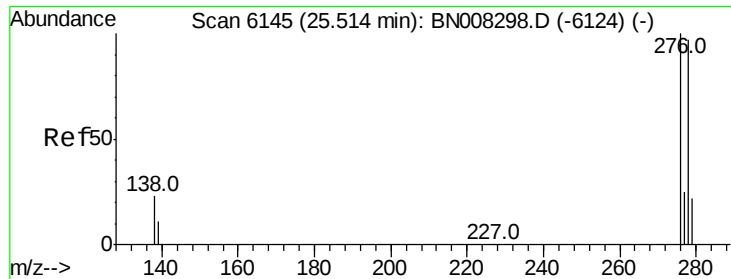


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.070 ng/u1

RT: 25.50 min Scan# 6142

Delta R.T. -0.02 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

Instrument :

BNA_N

ClientSampled :

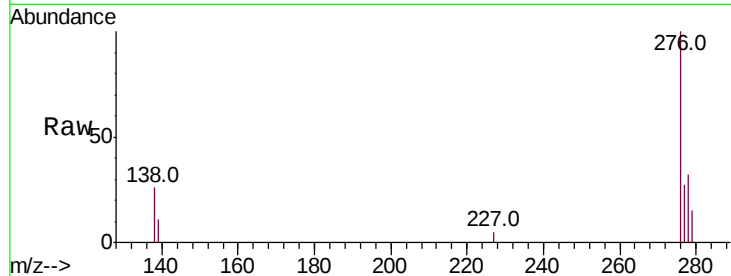
Tot Ion:278 Resp: 2179

Ion Ratio Lower Upper

278 100

139 35.3 15.0 22.6#

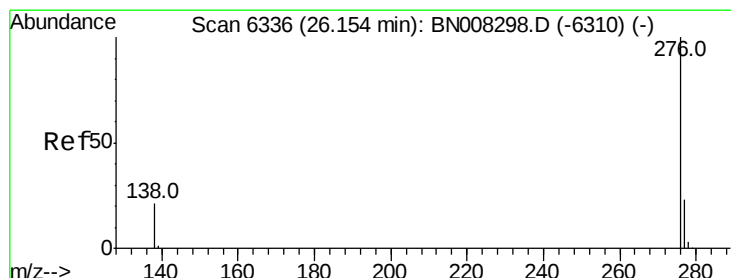
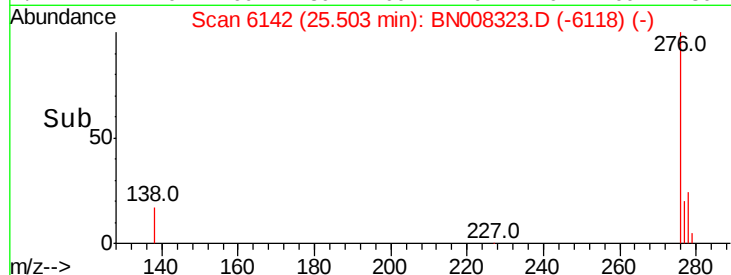
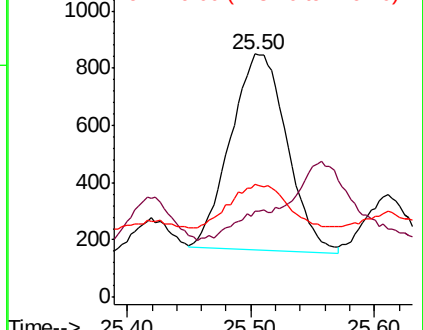
279 46.6 22.4 33.6#



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: 0.157 ng/u1

RT: 26.15 min Scan# 6336

Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

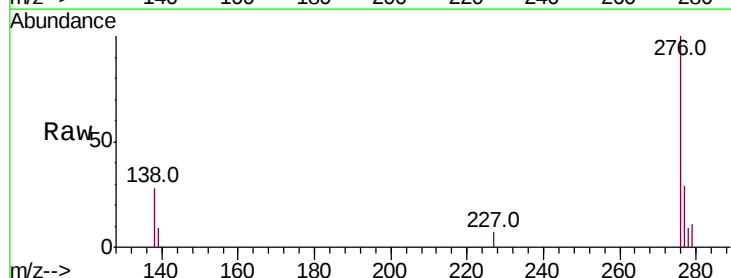
Tgt Ion:276 Resp: 5648

Ion Ratio Lower Upper

276 100

138 28.3 17.0 25.4#

277 28.8 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

