

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
 Data File : BN011315.D
 Acq On : 31 Jul 2020 01:16
 Operator : CG/JU
 Sample : L3388-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE5

Quant Time: Jul 31 03:01:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 02:58:38 2020
 Response via : Initial Calibration

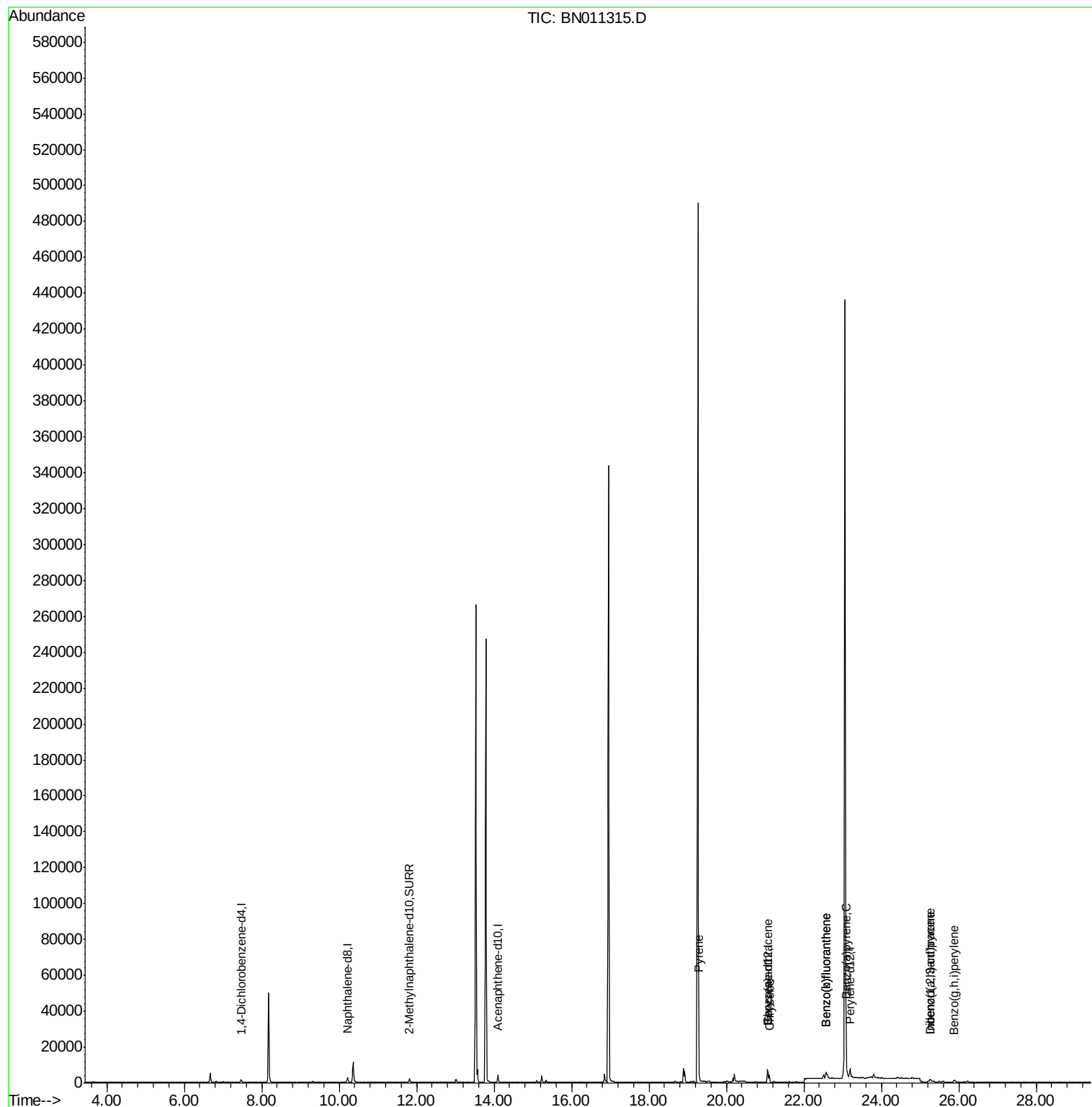
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	742	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	3267	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2219	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.86
16) Chrysene-d12	21.07	240	5377	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	6818	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	2745	0.33	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	8531	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
17) Pyrene	19.29	202	5163	0.211	ng/ul#	95
18) Benzo(a)anthracene	21.05	228	3729	0.181	ng/ul	97
19) Chrysene	21.10	228	4349	0.184	ng/ul	96
21) Benzo(b)fluoranthene	22.57	252	7644	0.269	ng/ul	84
22) Benzo(k)fluoranthene	22.57	252	7644	0.240	ng/ul#	88
23) Benzo(a)pyrene	23.10	252	3320	0.134	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.26	276	2353	0.090	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.27	278	705	0.034	ng/ul#	28
26) Benzo(g,h,i)perylene	25.89	276	2358	0.100	ng/ul#	84

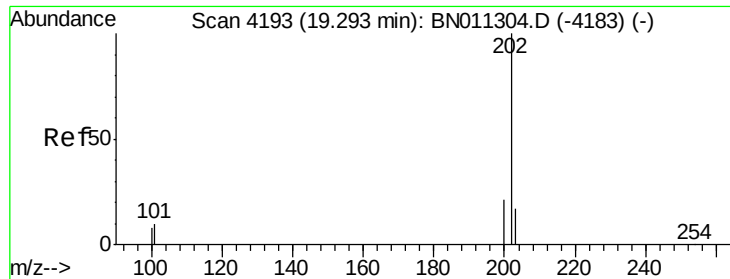
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pvrene

Concen: 0.211 ng/ul

RT: 19.29 min Scan# 4192

Delta R.T. -0.00 min

Lab File: BN011315.D

Acq: 31 Jul 2020 01:16

Instrument :

BNA_N

ClientSampleId :

C0AE5

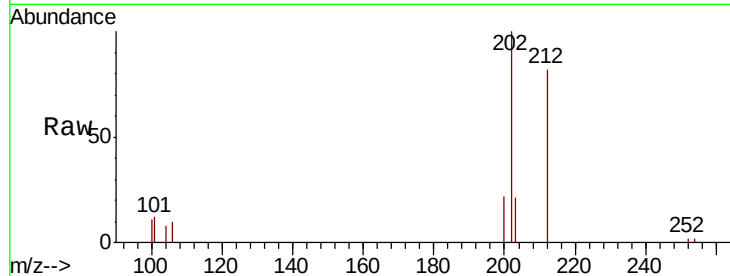
Tot Ion:202 Resp: 5163

Ion Ratio Lower Upper

202 100

101 12.4 8.5 12.7

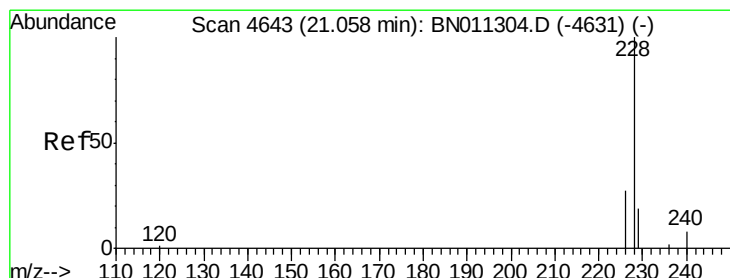
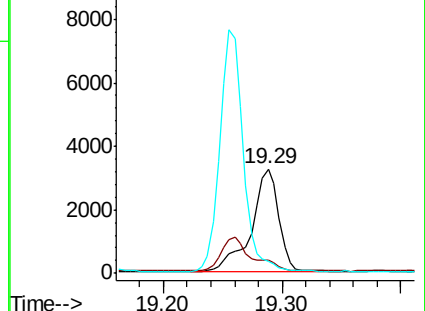
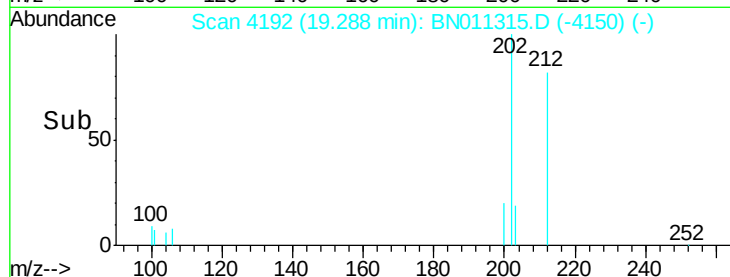
100 11.2 7.1 10.7#



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: 0.181 ng/ul

RT: 21.05 min Scan# 4642

Delta R.T. -0.01 min

Lab File: BN011315.D

Acq: 31 Jul 2020 01:16

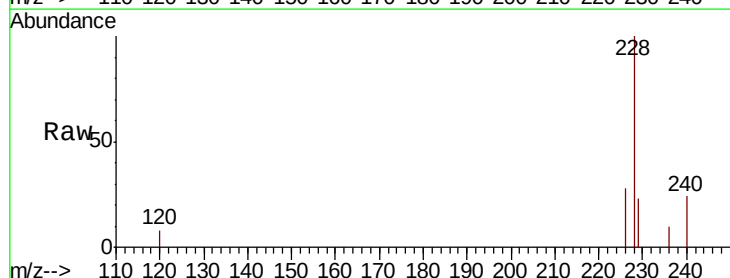
Tgt Ion:228 Resp: 3729

Ion Ratio Lower Upper

228 100

229 22.6 16.1 24.1

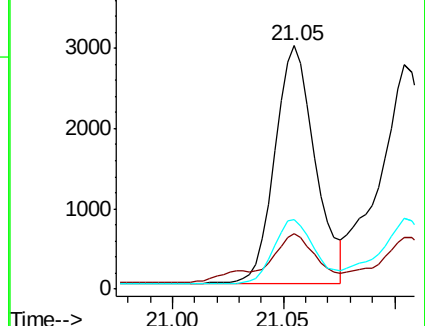
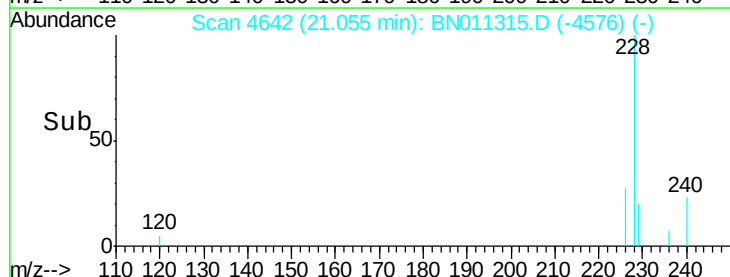
226 28.4 22.2 33.2

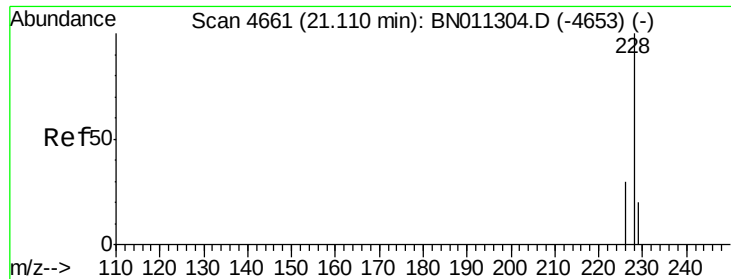


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.184 ng/ul

RT: 21.10 min Scan# 4659

Delta R.T. -0.01 min

Lab File: BN011315.D

Acq: 31 Jul 2020 01:16

Instrument :

BNA_N

ClientSampleId :

C0AE5

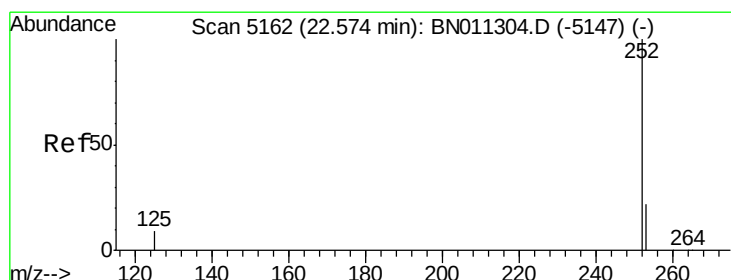
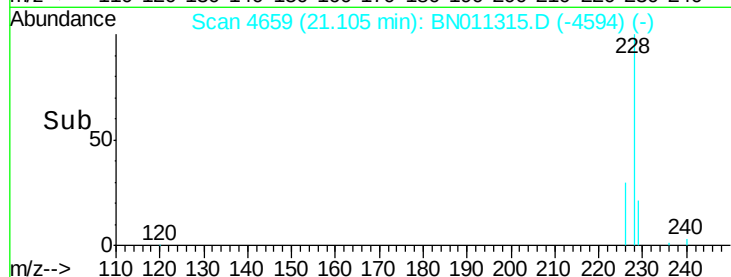
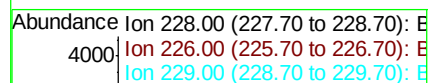
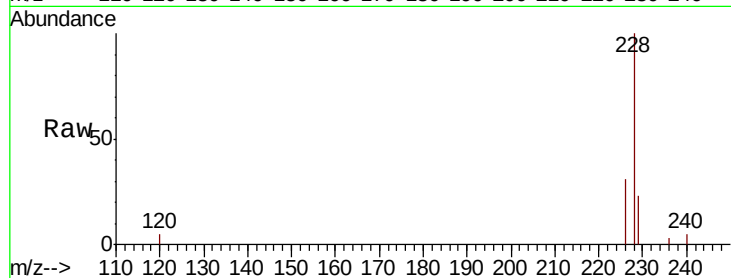
Tot Ion:228 Resp: 4349

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

229 23.0 15.8 23.6



#21

Benzo(b)fluoranthene

Concen: 0.269 ng/ul

RT: 22.57 min Scan# 5160

Delta R.T. -0.01 min

Lab File: BN011315.D

Acq: 31 Jul 2020 01:16

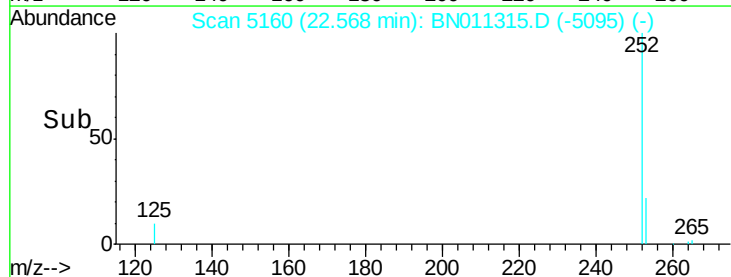
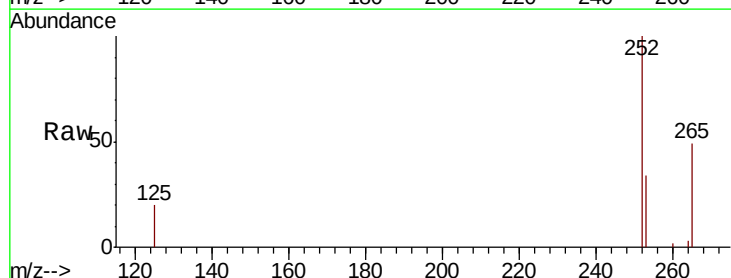
Tgt Ion:252 Resp: 7644

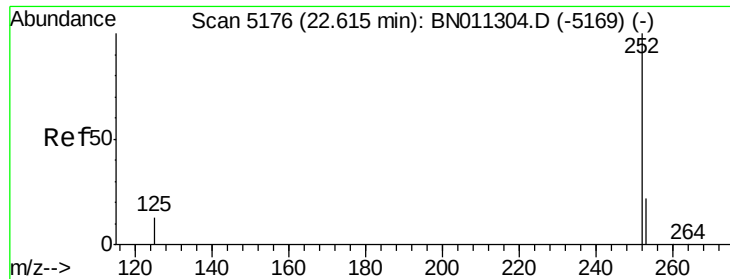
Ion Ratio Lower Upper

252 100

253 33.5 0.0 51.8

125 19.6 0.0 24.2





#22

Benzo(k)fluoranthene

Concen: 0.240 ng/ul

RT: 22.57 min Scan# 5160

Delta R.T. -0.05 min

Lab File: BN011315.D

Acq: 31 Jul 2020 01:16

Instrument :

BNA_N

ClientSampleId :

C0AE5

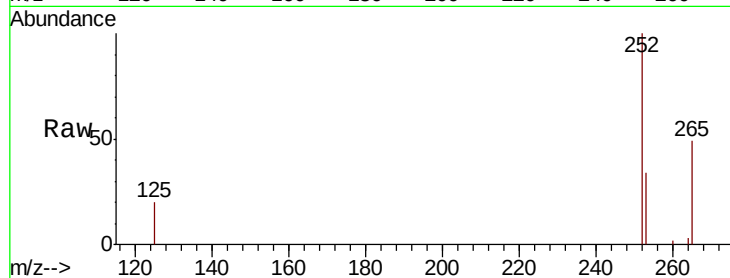
Tot Ion:252 Resp: 7644

Ion Ratio Lower Upper

252 100

253 33.5 21.4 32.0#

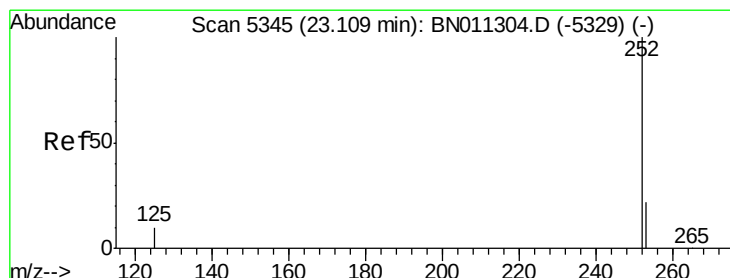
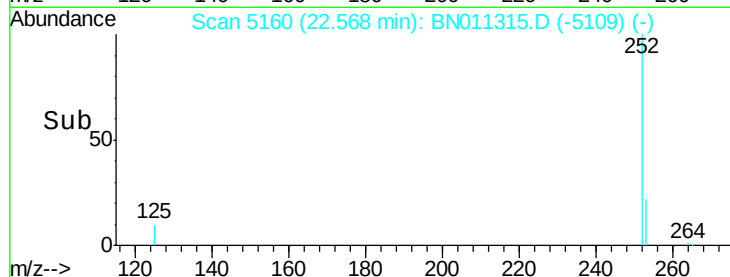
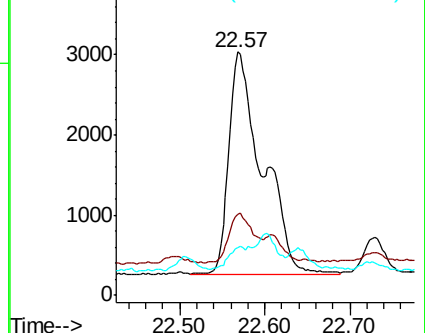
125 19.6 12.6 18.8#



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: 0.134 ng/ul

RT: 23.10 min Scan# 5341

Delta R.T. -0.01 min

Lab File: BN011315.D

Acq: 31 Jul 2020 01:16

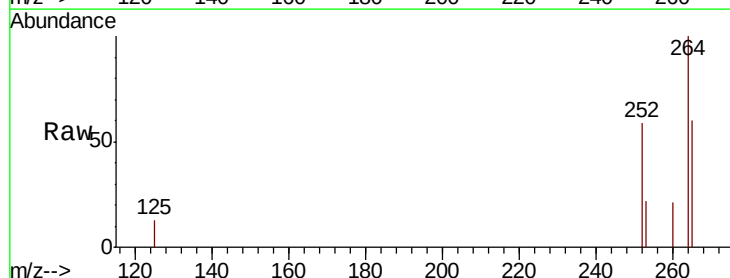
Tgt Ion:252 Resp: 3320

Ion Ratio Lower Upper

252 100

253 36.9 22.6 34.0#

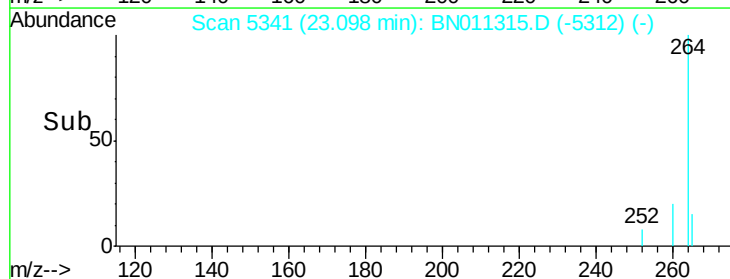
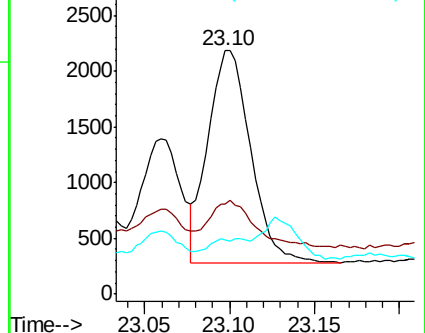
125 22.0 12.6 18.8#

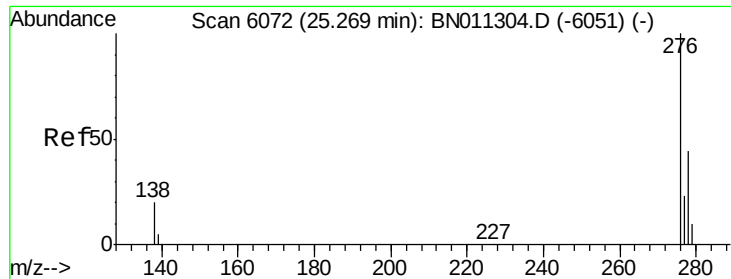


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



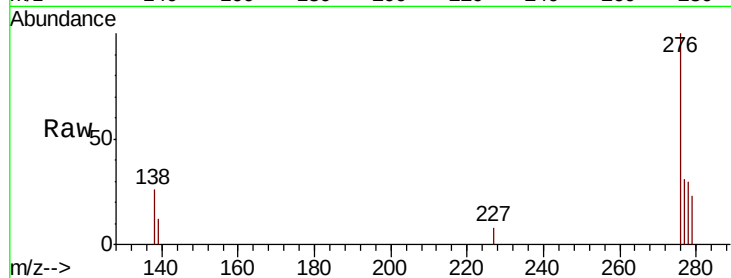


#24

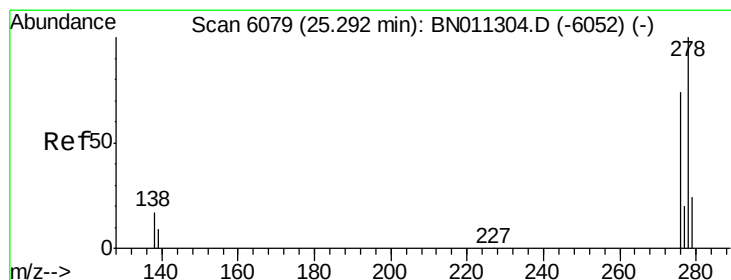
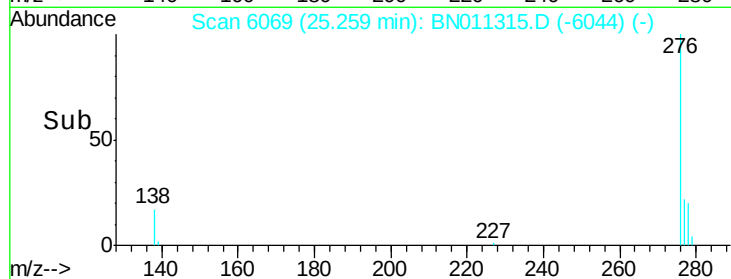
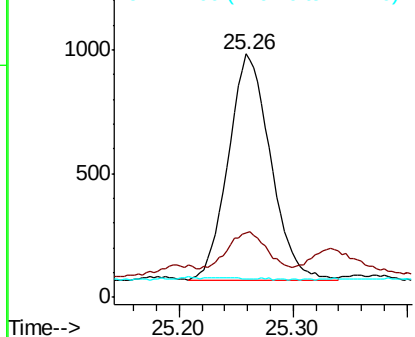
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng/ul
RT: 25.26 min Scan# 6069
Delta R.T. -0.02 min
Lab File: BN011315.D
Acq: 31 Jul 2020 01:16

Instrument :
BNA_N
ClientSampleId :
C0AE5

Tot Ion:276 Resp: 2353
Ion Ratio Lower Upper
276 100
138 19.3 18.1 27.1
227 0.0 0.2 0.4#



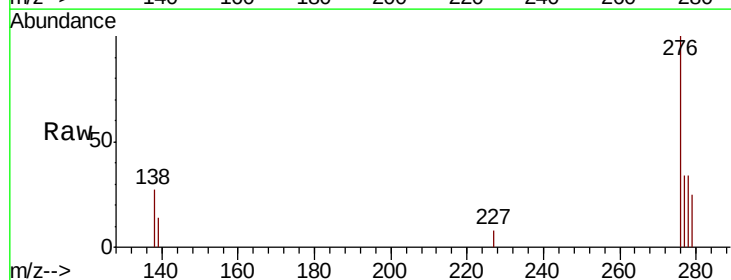
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



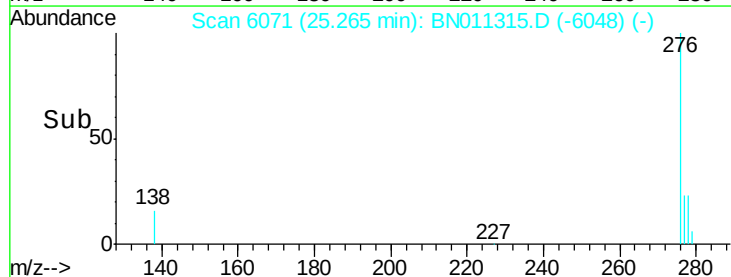
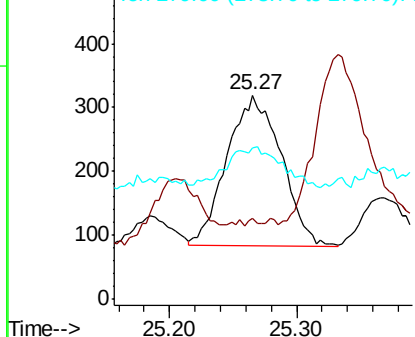
#25

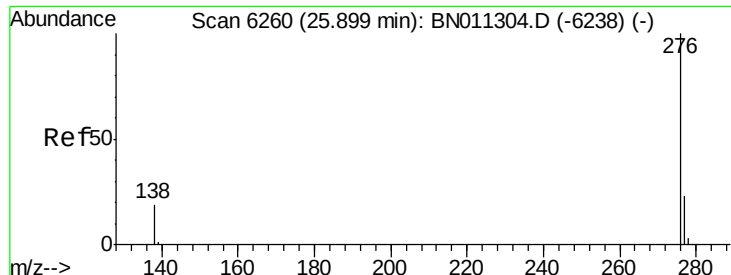
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.27 min Scan# 6071
Delta R.T. -0.02 min
Lab File: BN011315.D
Acq: 31 Jul 2020 01:16

Tgt Ion:278 Resp: 705
Ion Ratio Lower Upper
278 100
139 39.5 14.0 21.0#
279 74.3 22.9 34.3#



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(a,h,i)perylene

Concen: 0.100 ng/ul

RT: 25.89 min Scan# 6257

Delta R.T. -0.02 min

Lab File: BN011315.D

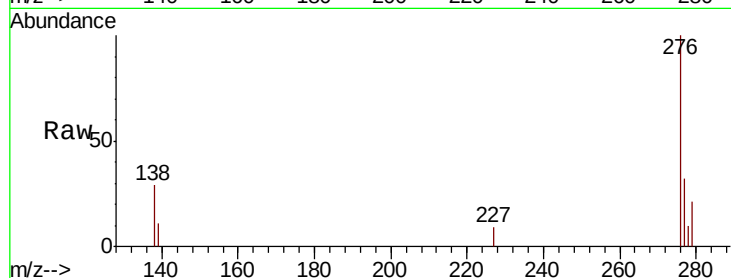
Acq: 31 Jul 2020 01:16

Instrument :

BNA_N

ClientSampleId :

C0AE5



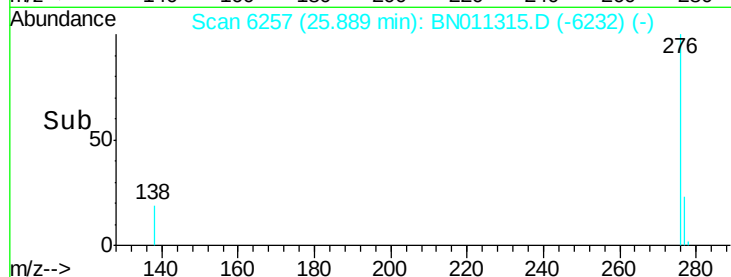
Tot Ion: 276 Resp: 2358

Ion Ratio Lower Upper

276 100

138 29.3 16.4 24.6#

277 32.1 20.2 30.4#



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

