

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008095.D
 Acq On : 12 Oct 2019 02:50
 Operator : JU
 Sample : K5124-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 05:18:45 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

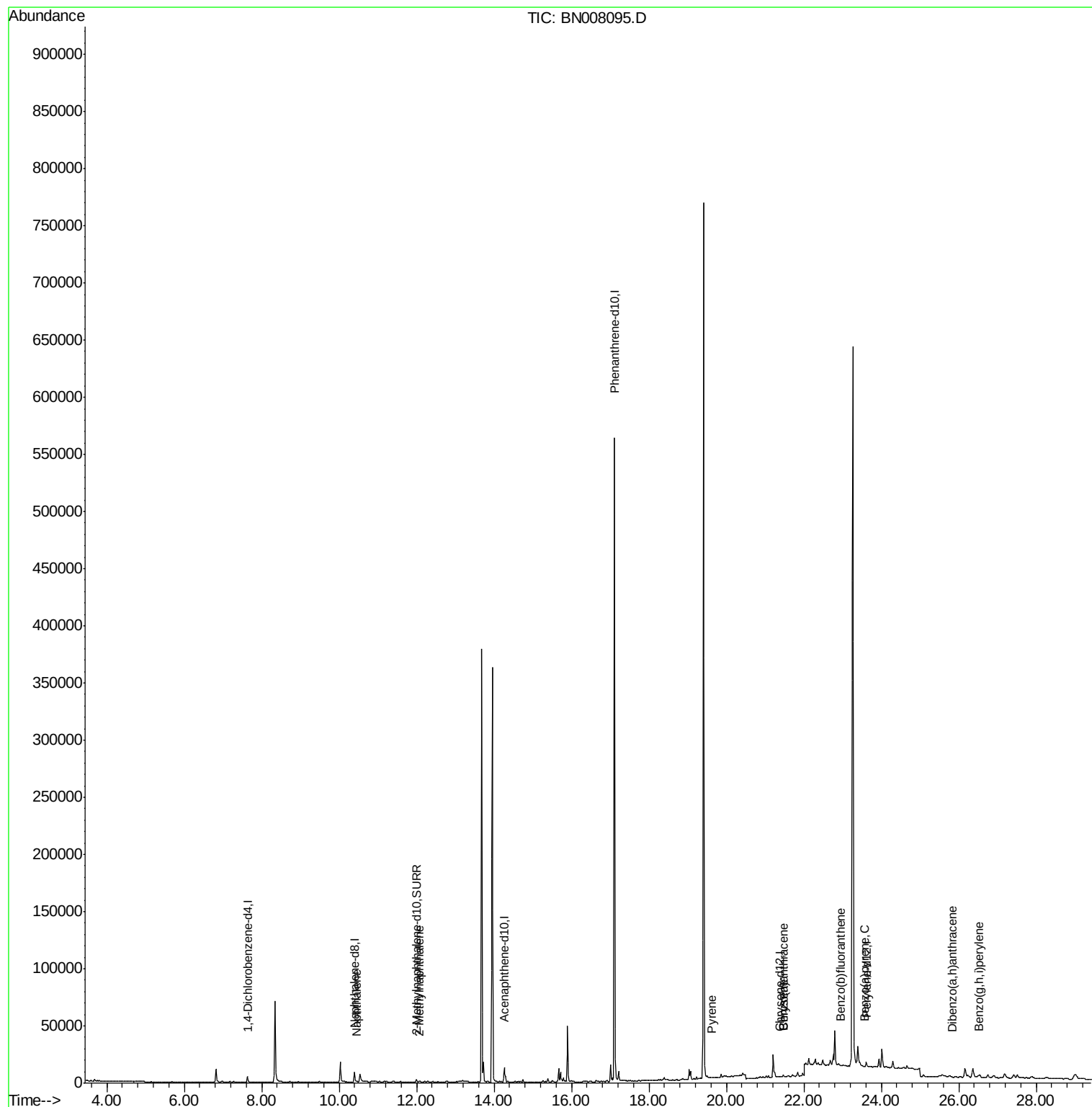
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2414	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	11307	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7426	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	625174	0.40	ng/ul	0.09
16) Chrysene-d12	21.39	240	96	0.40	ng/ul	0.18
20) Perylene-d12	23.61	264	398	0.40	ng/ul	0.20
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2883	0.15	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.44	128	943	0.029	ng/ul#	76
5) 2-Methylnaphthalene	12.07	142	632	0.029	ng/ul	98
17) Pyrene	19.61	202	215	0.562	ng/ul#	1
18) Benzo(a)anthracene	21.47	228	362	1.037	ng/ul#	1
19) Chrysene	21.47	228	362	0.845	ng/ul#	1
21) Benzo(b)fluoranthene	22.96	252	69	0.053	ng/ul#	1
23) Benzo(a)pyrene	23.57	252	555	0.407	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.84	278	227	0.179	ng/ul#	1
26) Benzo(g,h,i)perylene	26.51	276	55	0.037	ng/ul#	1

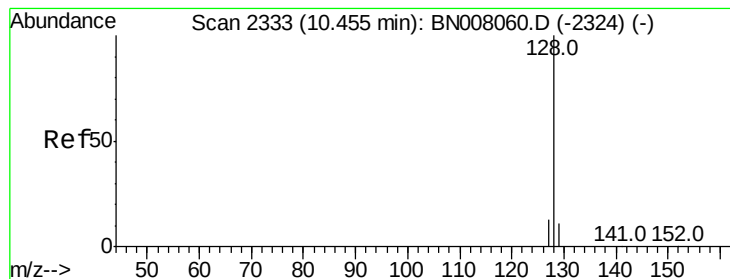
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.029 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008095.D

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Instrument :

BNA_N

ClientSampleId :

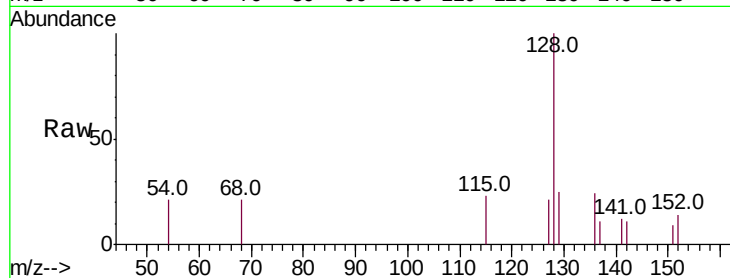
Tot Ion:128 Resp: 943

Ion Ratio Lower Upper

128 100

129 25.1 9.8 14.8#

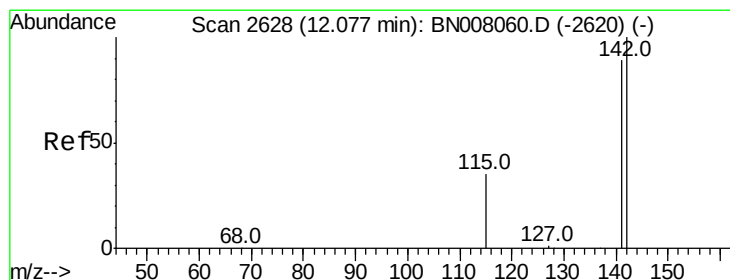
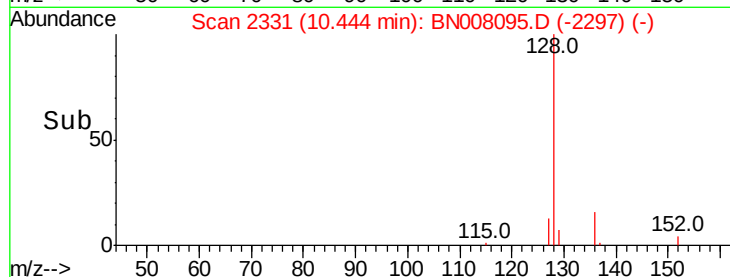
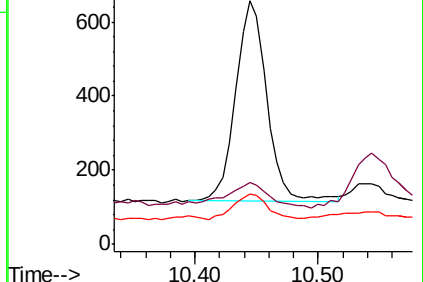
127 20.7 11.1 16.7#



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: 0.029 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008095.D

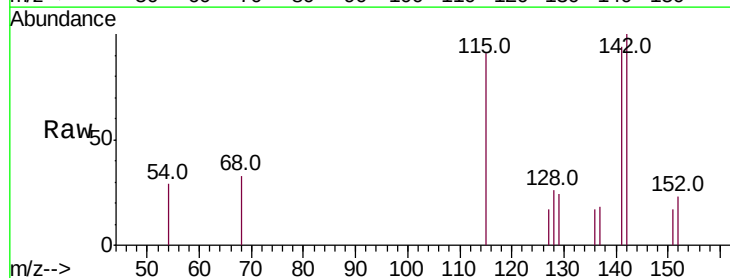
Acq: 12 Oct 2019 02:50

Tgt Ion:142 Resp: 632

Ion Ratio Lower Upper

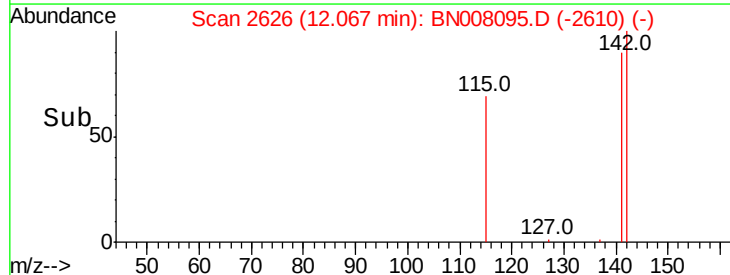
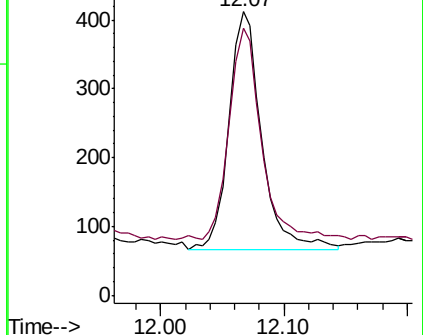
142 100

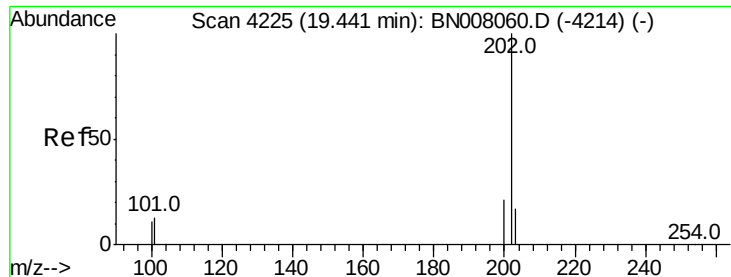
141 87.5 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#17

Pvrene

Concen: 0.562 ng/ul

RT: 19.61 min Scan# 4262

Delta R.T. 0.17 min

Lab File: BN008095.D

Acq: 12 Oct 2019 02:50

Instrument :

BNA_N

ClientSampleId :

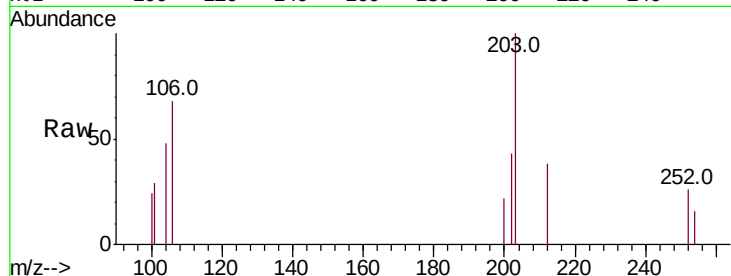
Tot Ion:202 Resp: 215

Ion Ratio Lower Upper

202 100

101 67.6 10.9 16.3#

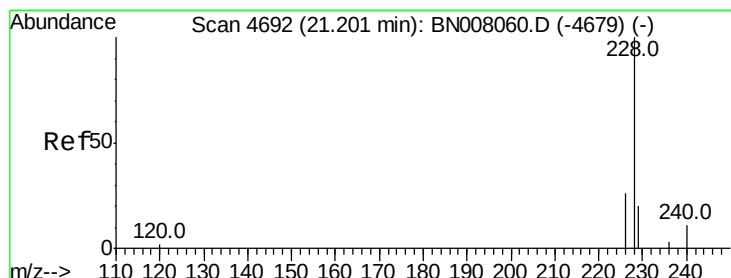
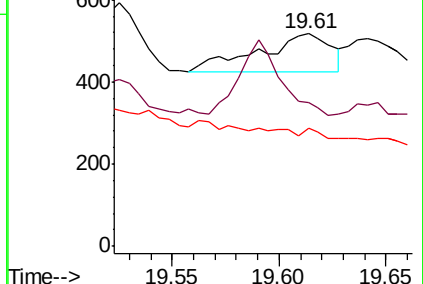
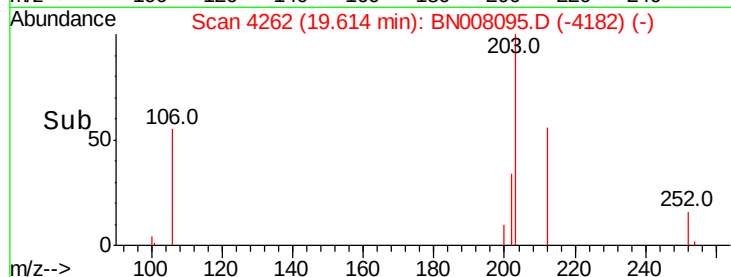
100 55.8 8.7 13.1#



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: 1.037 ng/ul

RT: 21.47 min Scan# 4784

Delta R.T. 0.27 min

Lab File: BN008095.D

Acq: 12 Oct 2019 02:50

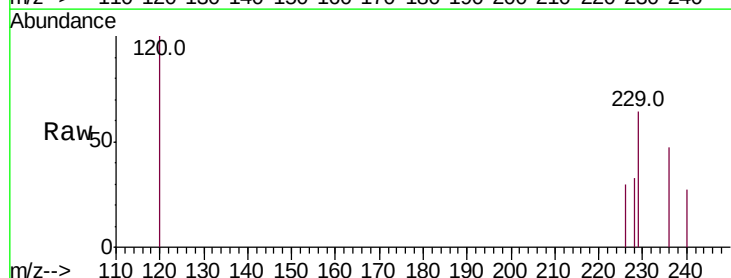
Tgt Ion:228 Resp: 362

Ion Ratio Lower Upper

228 100

229 194.2 16.2 24.2#

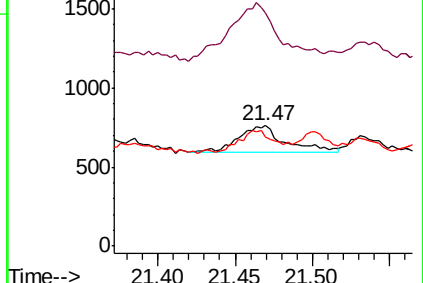
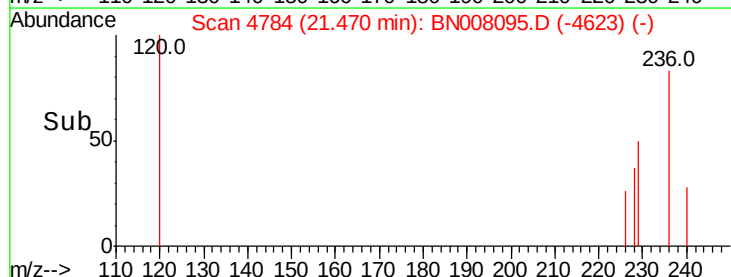
226 91.1 21.4 32.0#

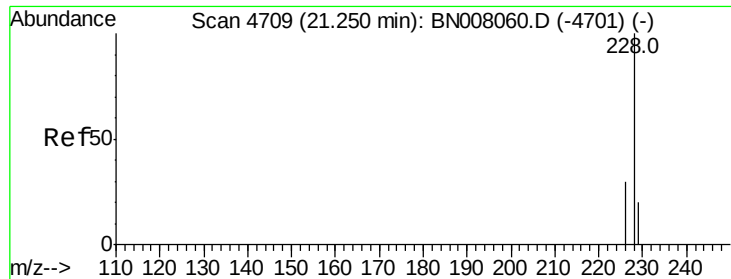


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.845 ng/ul

RT: 21.47 min Scan# 4784

Delta R.T. 0.22 min

Lab File: BN008095.D

Acq: 12 Oct 2019 02:50

Instrument :

BNA_N

ClientSampleId :

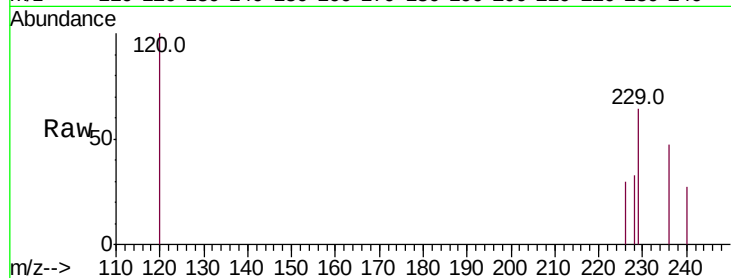
Tot Ion:228 Resp: 362

Ion Ratio Lower Upper

228 100

226 91.1 24.1 36.1#

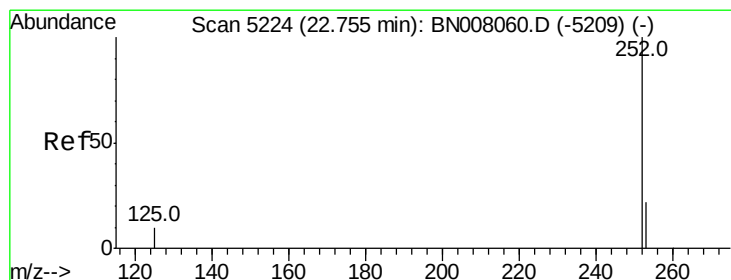
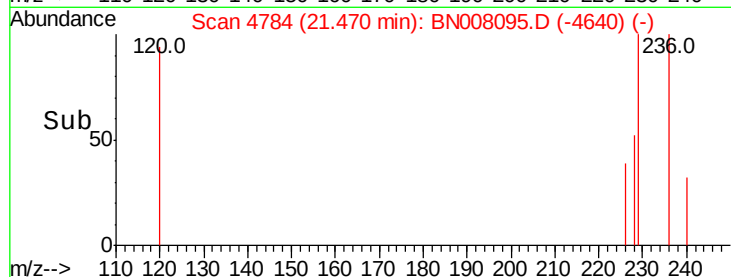
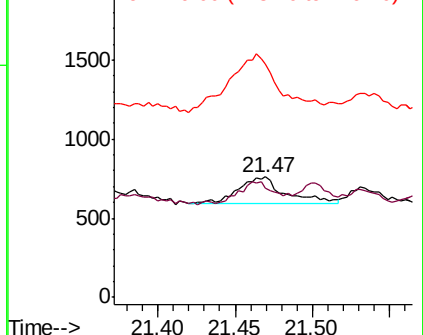
229 194.2 16.2 24.2#



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: 0.053 ng/ul

RT: 22.96 min Scan# 5294

Delta R.T. 0.20 min

Lab File: BN008095.D

Acq: 12 Oct 2019 02:50

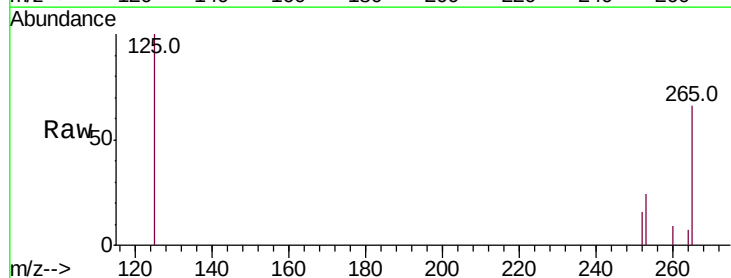
Tgt Ion:252 Resp: 69

Ion Ratio Lower Upper

252 100

253 148.1 0.0 53.4#

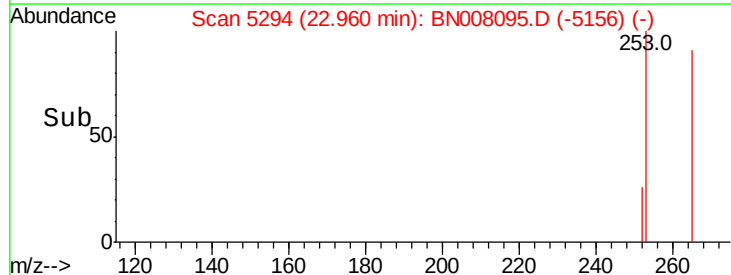
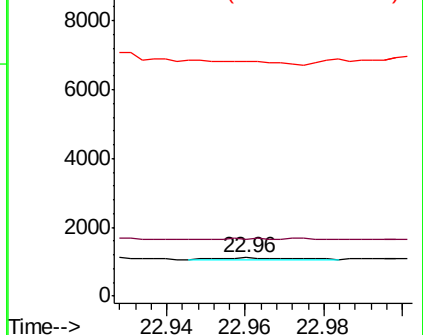
125 607.7 0.0 32.4#

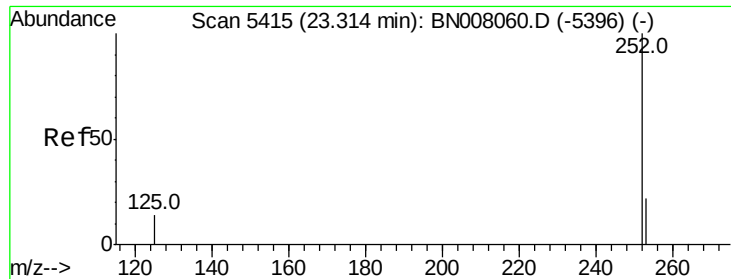


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.407 ng/ul

RT: 23.57 min Scan# 5501

Delta R.T. 0.25 min

Lab File: BN008095.D

Acq: 12 Oct 2019 02:50

Instrument :

BNA_N

ClientSampleId :

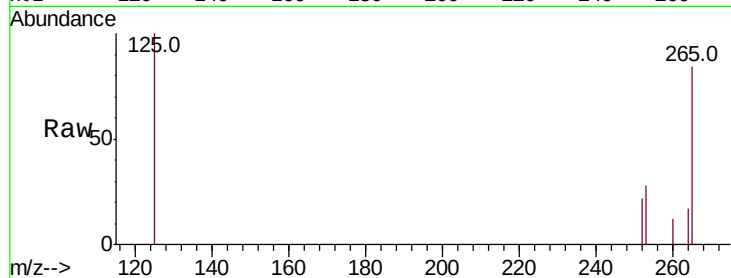
Tot Ion:252 Resp: 555

Ion Ratio Lower Upper

252 100

253 129.6 22.8 34.2#

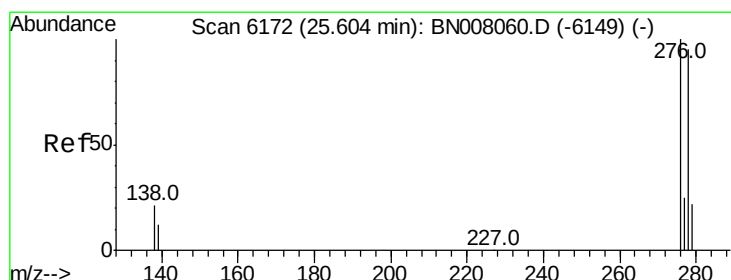
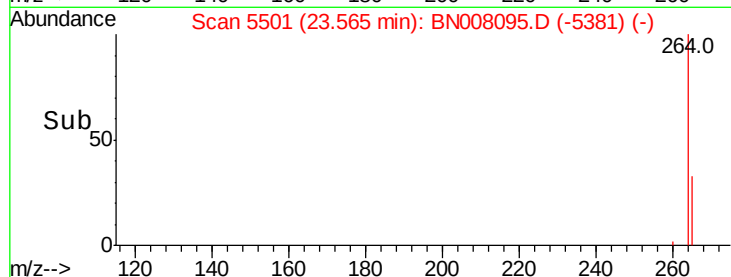
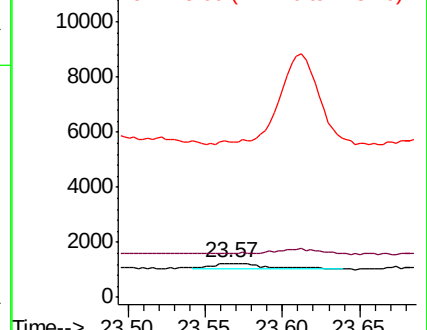
125 458.7 18.4 27.6#



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



#25

Dibenzo(a,h)anthracene

Concen: 0.179 ng/ul

RT: 25.84 min Scan# 6241

Delta R.T. 0.23 min

Lab File: BN008095.D

Acq: 12 Oct 2019 02:50

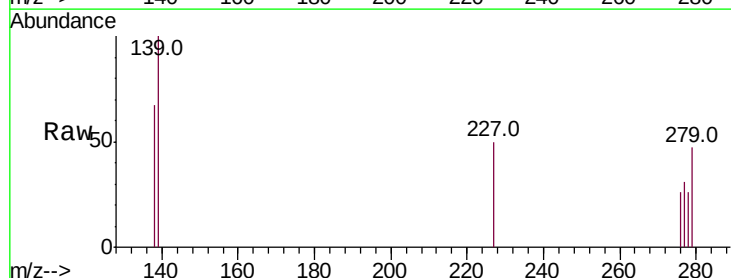
Tgt Ion:278 Resp: 227

Ion Ratio Lower Upper

278 100

139 385.1 15.0 22.6#

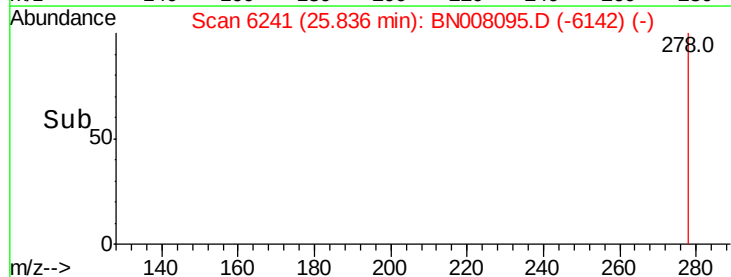
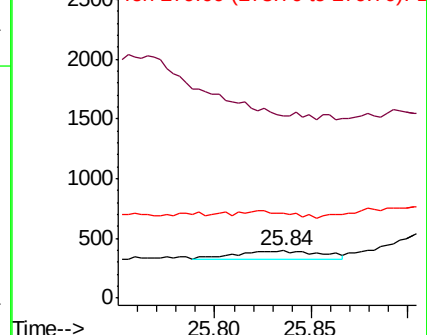
279 179.5 22.4 33.6#

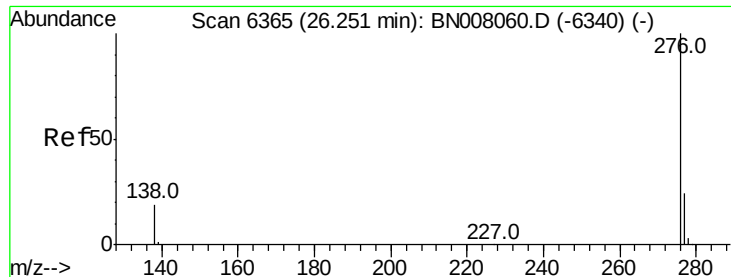


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.037 ng/ul

RT: 26.51 min Scan# 6441

Delta R.T. 0.26 min

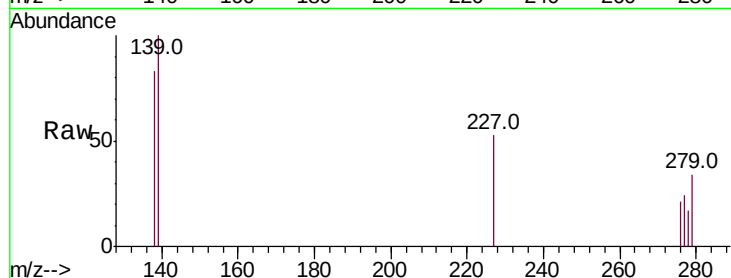
Lab File: BN008095.D

Acq: 12 Oct 2019 02:50

Instrument :

BNA_N

ClientSampleId :



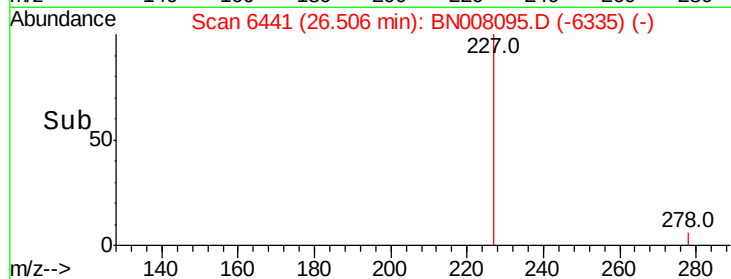
Tot Ion: 276 Resp: 55

Ion Ratio Lower Upper

276 100

138 392.2 17.0 25.4#

277 114.4 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

