

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080620\
 Data File : BN011388.D
 Acq On : 06 Aug 2020 20:25
 Operator : CG/JU
 Sample : L3419-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF3

Quant Time: Aug 07 02:06:30 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 Aug 07 02:04:45 2020
 Response via : Initial Calibration

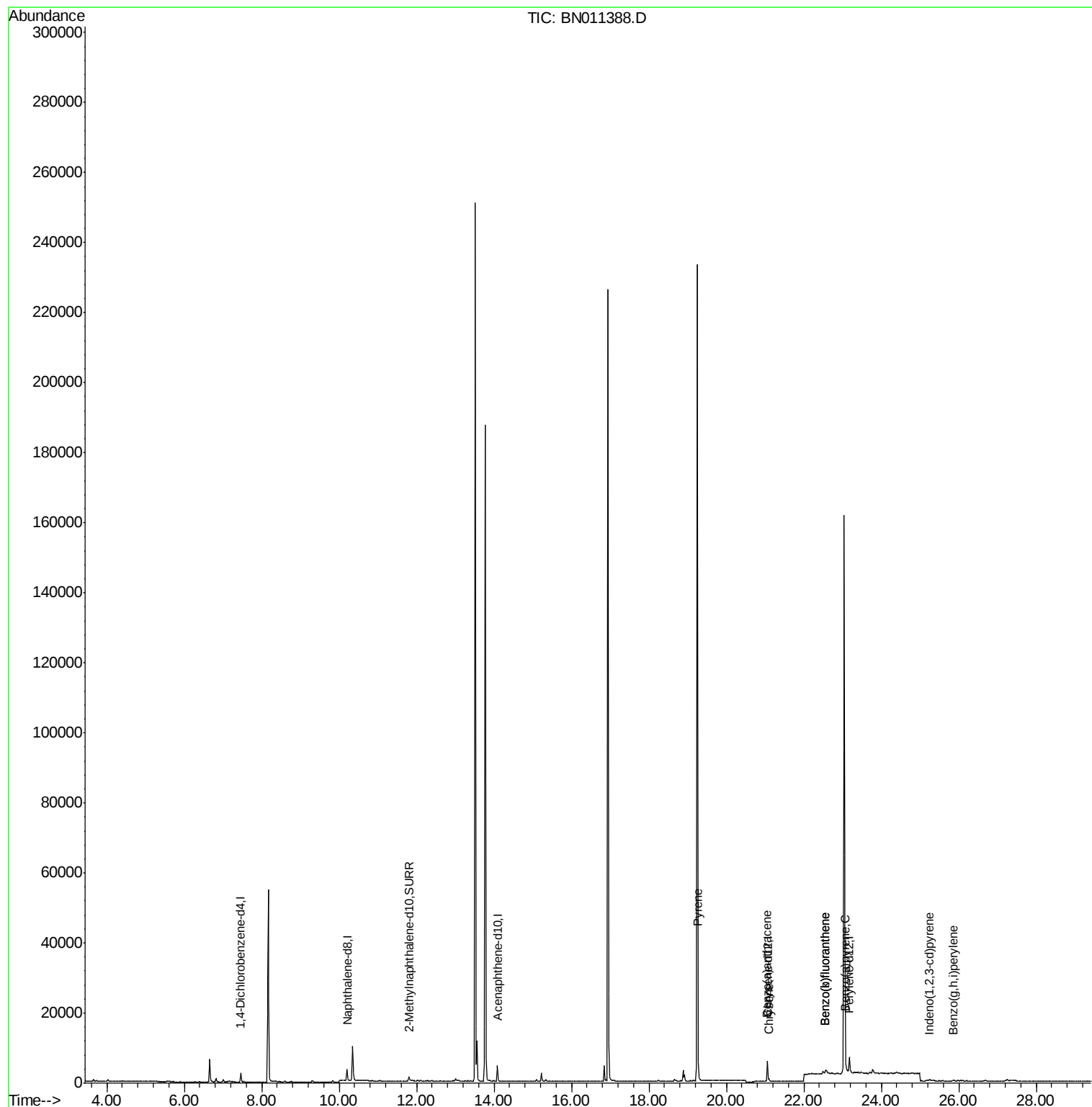
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1289	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4517	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2503	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.85
16) Chrysene-d12	21.06	240	5283	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	5498	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	1906	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.88	212	3372	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
17) Pyrene	19.27	202	2201	0.092	ng/ul#	86
18) Benzo(a)anthracene	21.05	228	827	0.041	ng/ul#	83
19) Chrysene	21.09	228	893	0.038	ng/ul#	84
21) Benzo(b)fluoranthene	22.56	252	1867	0.081	ng/ul#	17
22) Benzo(k)fluoranthene	22.56	252	1867	0.073	ng/ul#	25
23) Benzo(a)pyrene	23.08	252	743	0.037	ng/ul#	11
24) Indeno(1,2,3-cd)pyrene	25.25	276	583	0.028	ng/ul#	84
26) Benzo(g,h,i)perylene	25.87	276	577	0.030	ng/ul#	50

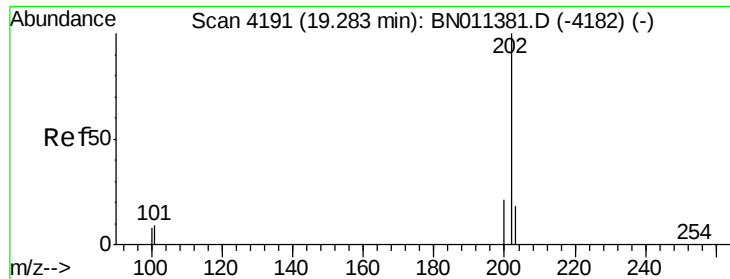
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 07 02:04:45 2020
Response via : Initial Calibration





#17

Pvrene

Concen: 0.092 ng/ul

RT: 19.27 min Scan# 4189

Delta R.T. -0.01 min

Lab File: BN011388.D

Acq: 06 Aug 2020 20:25

Instrument :

BNA_N

ClientSampleId :

C0AF3

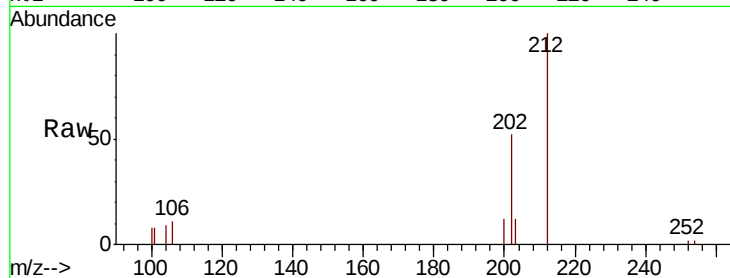
Tot Ion:202 Resp: 2201

Ion Ratio Lower Upper

202 100

101 14.8 8.5 12.7#

100 15.3 7.1 10.7#

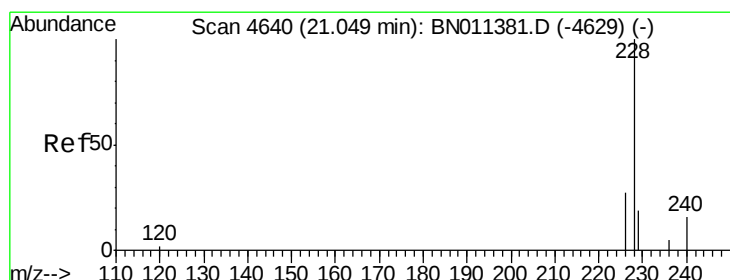
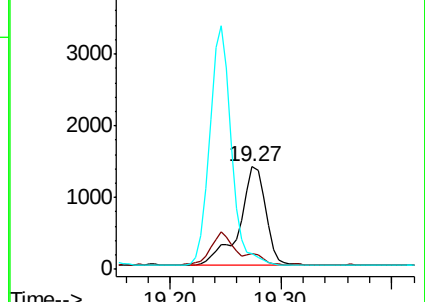
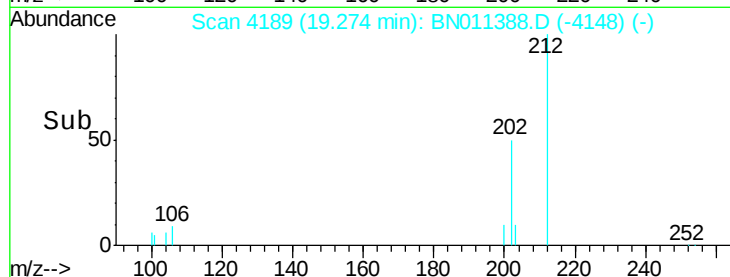


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#18

Benzo(a)anthracene

Concen: 0.041 ng/ul

RT: 21.05 min Scan# 4639

Delta R.T. -0.00 min

Lab File: BN011388.D

Acq: 06 Aug 2020 20:25

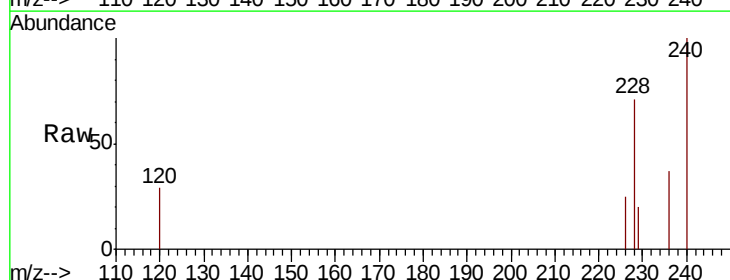
Tgt Ion:228 Resp: 827

Ion Ratio Lower Upper

228 100

229 28.3 16.1 24.1#

226 35.8 22.2 33.2#

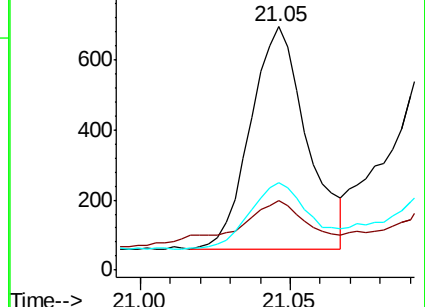
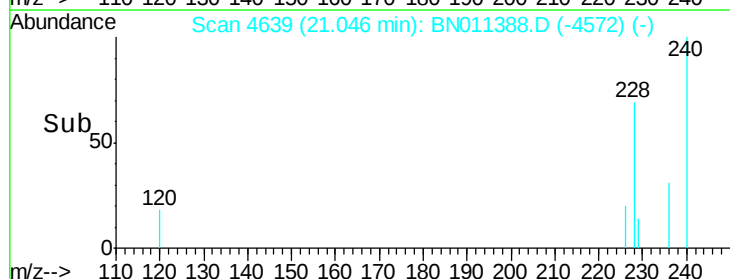


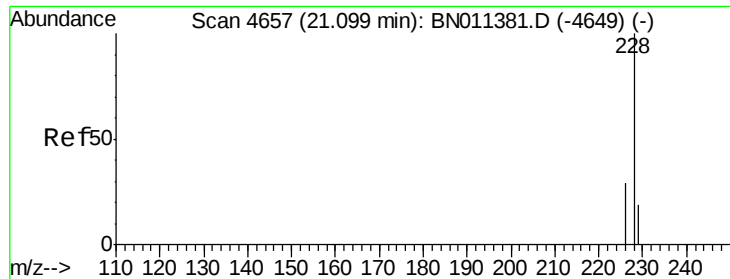
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->





#19

Chrysene

Concen: 0.038 ng/ul

RT: 21.09 min Scan# 4655

Delta R.T. -0.01 min

Lab File: BN011388.D

Acq: 06 Aug 2020 20:25

Instrument :

BNA_N

ClientSampleId :

C0AF3

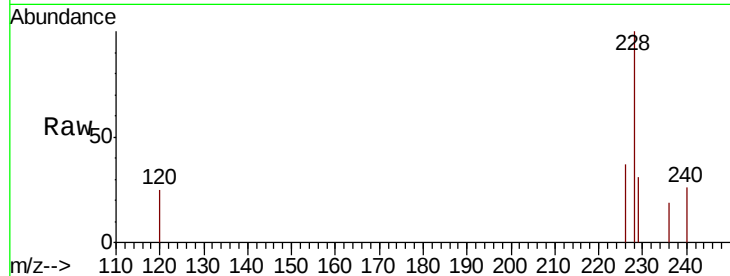
Tot Ion:228 Resp: 893

Ion Ratio Lower Upper

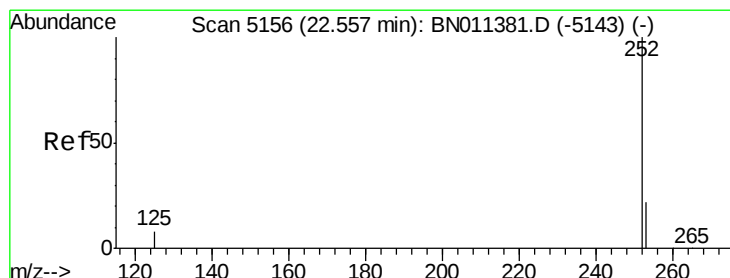
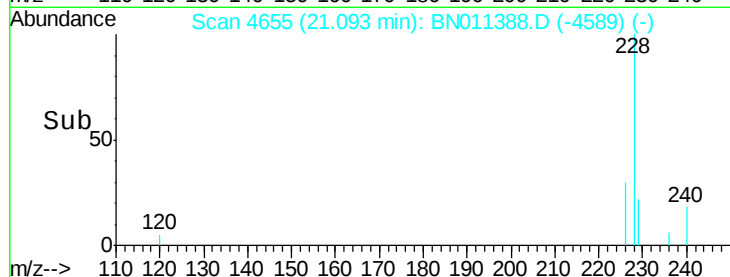
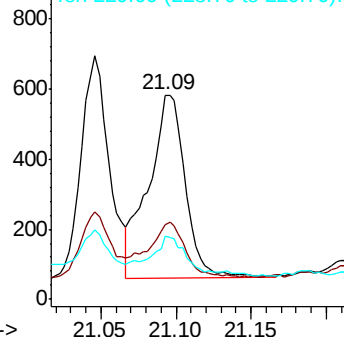
228 100

226 36.7 24.5 36.7

229 30.9 15.8 23.6#



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: 0.081 ng/ul

RT: 22.56 min Scan# 5157

Delta R.T. 0.00 min

Lab File: BN011388.D

Acq: 06 Aug 2020 20:25

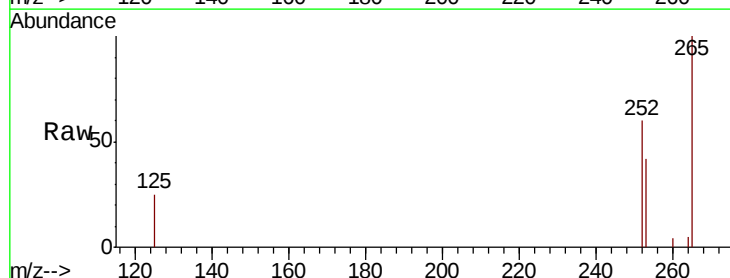
Tgt Ion:252 Resp: 1867

Ion Ratio Lower Upper

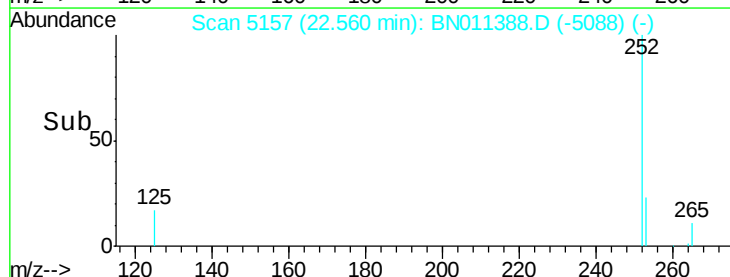
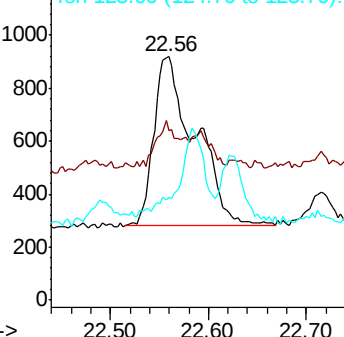
252 100

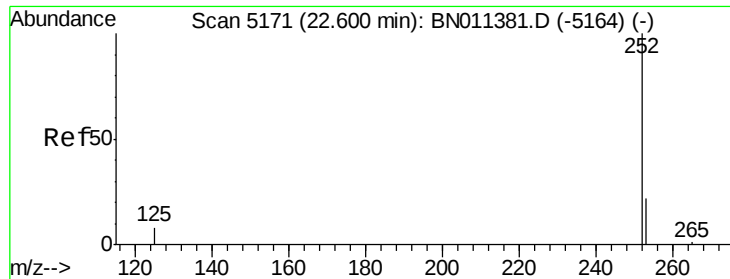
253 69.3 0.0 51.8#

125 42.1 0.0 24.2#



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: 0.073 ng/ul

RT: 22.56 min Scan# 5157

Delta R.T. -0.04 min

Lab File: BN011388.D

Acq: 06 Aug 2020 20:25

Instrument :

BNA_N

ClientSampleId :

C0AF3

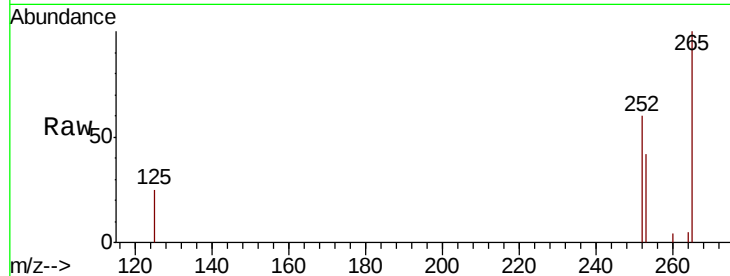
Tot Ion:252 Resp: 1867

Ion Ratio Lower Upper

252 100

253 69.3 21.4 32.0#

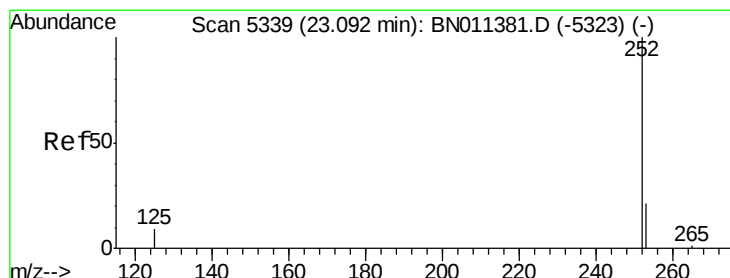
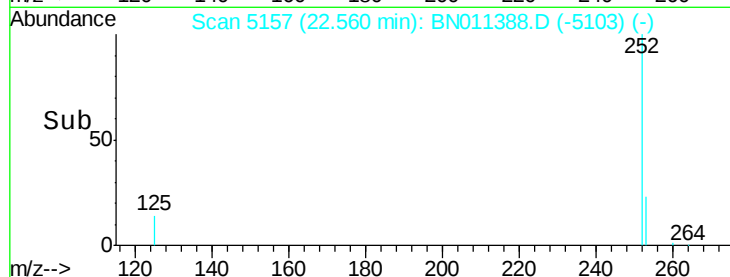
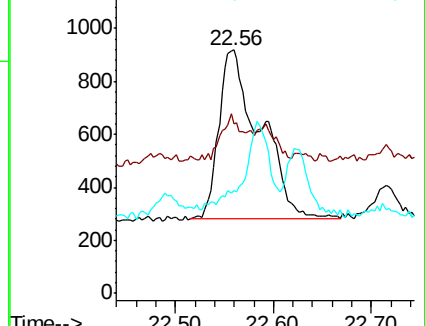
125 42.1 12.6 18.8#



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: 0.037 ng/ul

RT: 23.08 min Scan# 5336

Delta R.T. -0.01 min

Lab File: BN011388.D

Acq: 06 Aug 2020 20:25

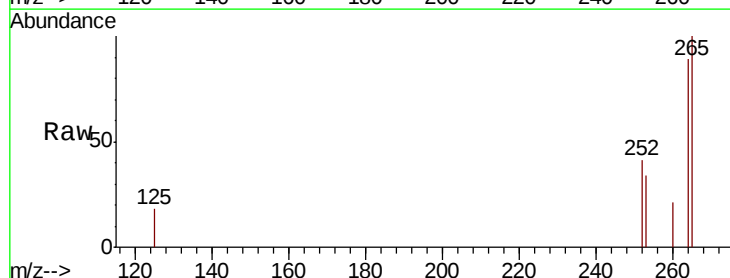
Tgt Ion:252 Resp: 743

Ion Ratio Lower Upper

252 100

253 81.5 22.6 34.0#

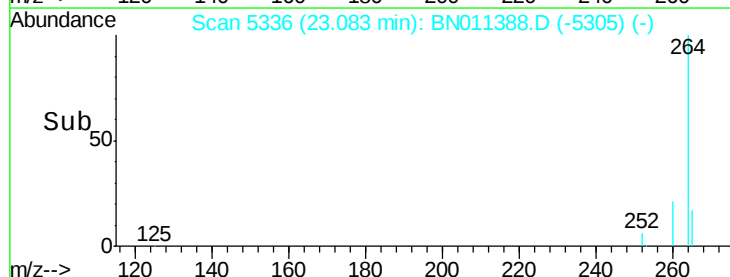
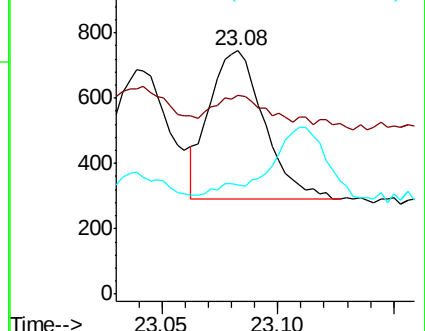
125 44.7 12.6 18.8#

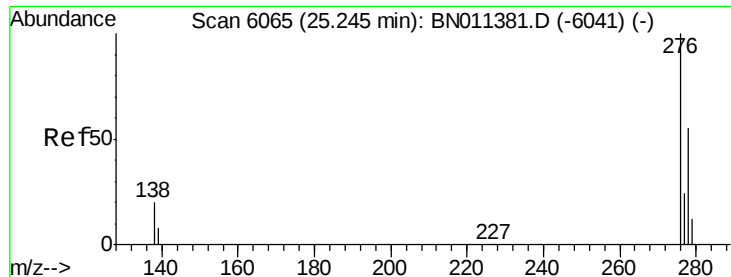


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.028 ng/u1

RT: 25.25 min Scan# 6065

Delta R.T. -0.00 min

Lab File: BN011388.D

Acq: 06 Aug 2020 20:25

Instrument :

BNA_N

ClientSampleId :

C0AF3

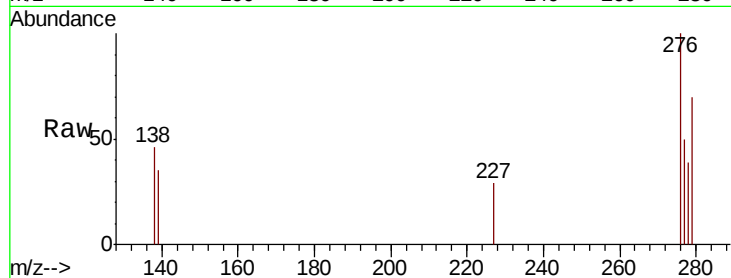
Tot Ion:276 Resp: 583

Ion Ratio Lower Upper

276 100

138 14.6 18.1 27.1#

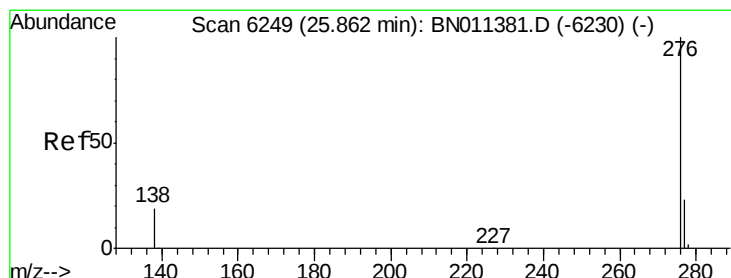
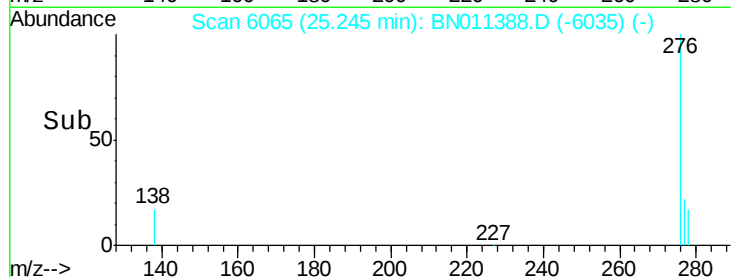
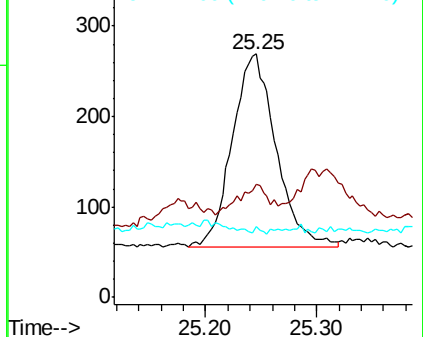
227 0.5 0.2 0.4#



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



#26

Benzo(g,h,i)perylene

Concen: 0.030 ng/u1

RT: 25.87 min Scan# 6250

Delta R.T. -0.00 min

Lab File: BN011388.D

Acq: 06 Aug 2020 20:25

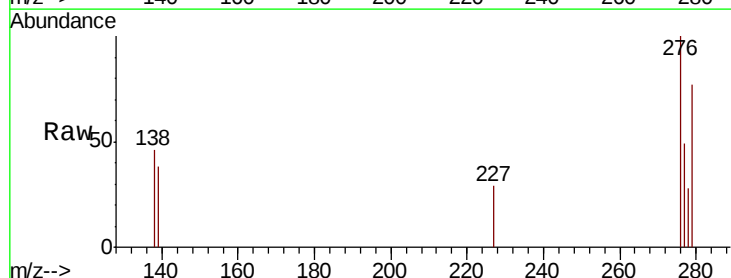
Tgt Ion:276 Resp: 577

Ion Ratio Lower Upper

276 100

138 45.7 16.4 24.6#

277 48.6 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

