

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
 Data File : BN011350.D
 Acq On : 04 Aug 2020 02:38
 Operator : CG/JU
 Sample : L3419-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF3

Quant Time: Aug 04 06:47:18 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 : Tue Aug 04 06:45:43 2020
 Response via : Initial Calibration

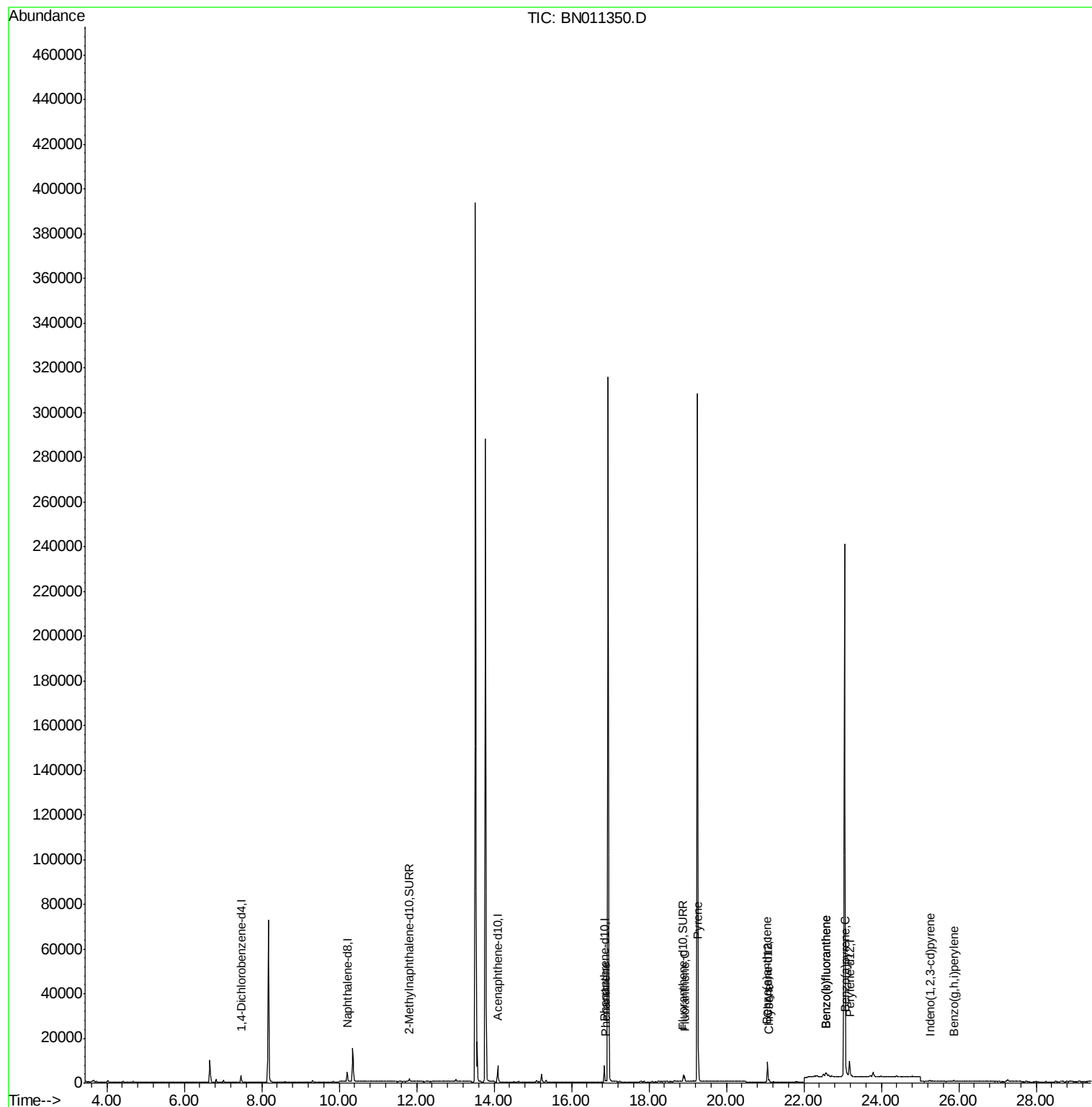
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1489	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	5930	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	3910	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	8208	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	7789	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	8629	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	1969	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	3703	0.09	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.89	178	614	0.023	ng/ul#	78
15) Fluoranthene	18.92	202	2385	0.071	ng/ul	90
17) Pyrene	19.28	202	2886	0.082	ng/ul#	88
18) Benzo(a)anthracene	21.05	228	1226	0.041	ng/ul#	90
19) Chrysene	21.10	228	1330	0.039	ng/ul#	87
21) Benzo(b)fluoranthene	22.56	252	2995	0.083	ng/ul#	36
22) Benzo(k)fluoranthene	22.56	252	3051	0.076	ng/ul#	43
23) Benzo(a)pyrene	23.09	252	1184	0.038	ng/ul#	30
24) Indeno(1,2,3-cd)pyrene	25.25	276	806	0.024	ng/ul#	84
26) Benzo(g,h,i)perylene	25.87	276	884	0.030	ng/ul#	65

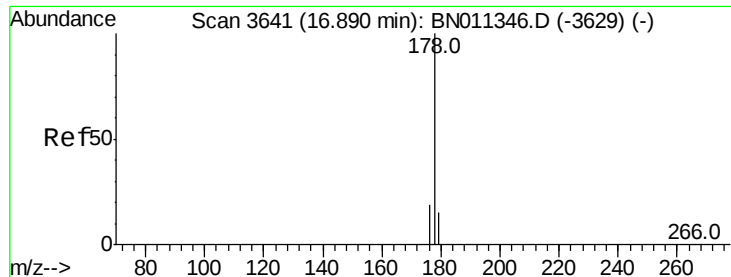
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.023 ng/ul

RT: 16.89 min Scan# 3641

Delta R.T. 0.00 min

Lab File: BN011350.D

Acq: 04 Aug 2020 02:38

Instrument :

BNA_N

ClientSampleId :

C0AF3

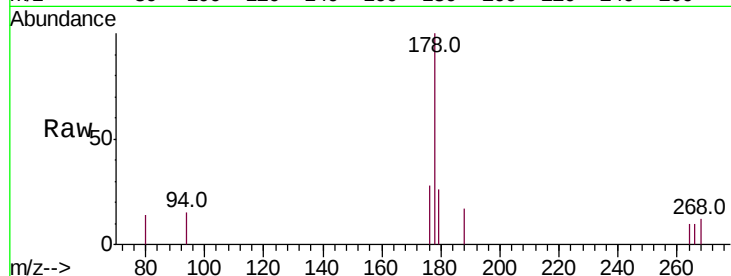
Tot Ion:178 Resp: 614

Ion Ratio Lower Upper

178 100

179 26.0 12.6 18.8#

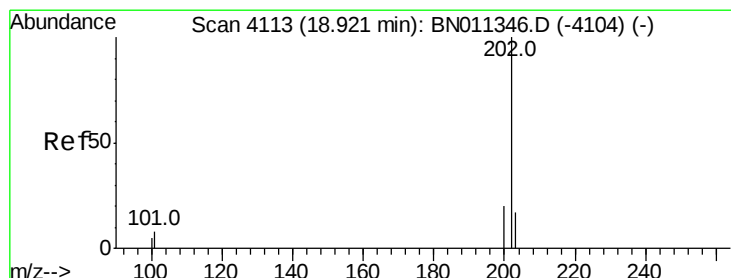
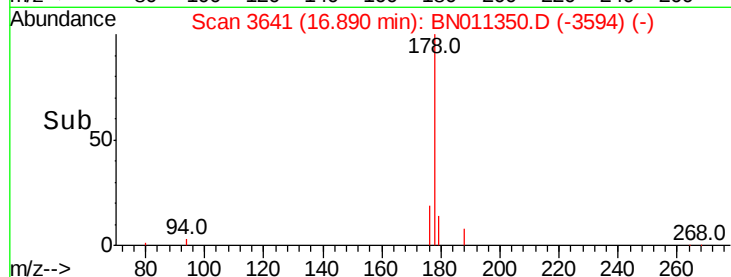
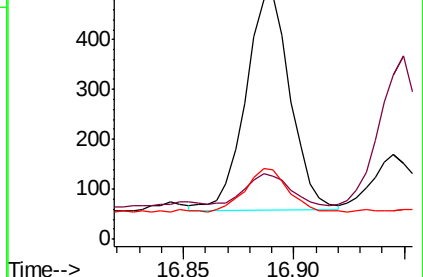
176 28.5 15.7 23.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.071 ng/ul

RT: 18.92 min Scan# 4112

Delta R.T. -0.00 min

Lab File: BN011350.D

Acq: 04 Aug 2020 02:38

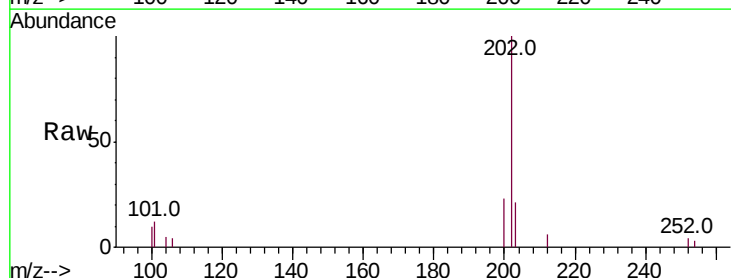
Tgt Ion:202 Resp: 2385

Ion Ratio Lower Upper

202 100

101 12.2 0.0 28.2

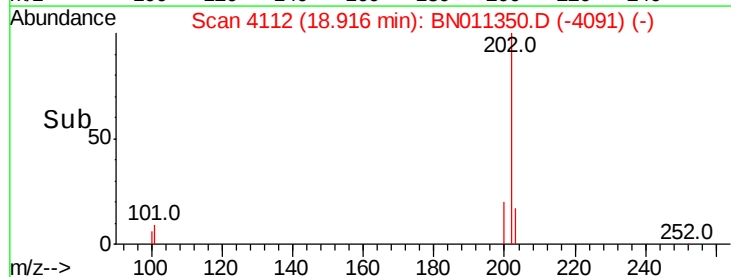
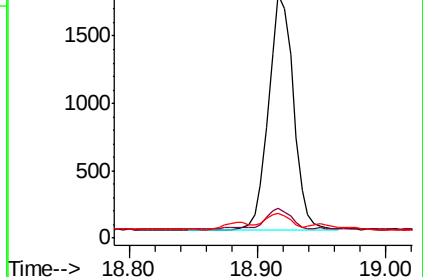
100 10.0 0.0 26.8

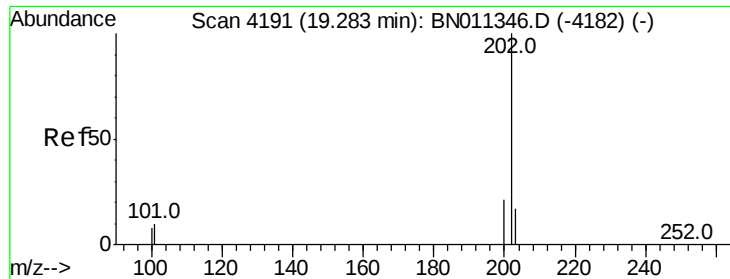


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.082 ng/ul

RT: 19.28 min Scan# 4190

Delta R.T. -0.00 min

Lab File: BN011350.D

Acq: 04 Aug 2020 02:38

Instrument :

BNA_N

ClientSampleId :

C0AF3

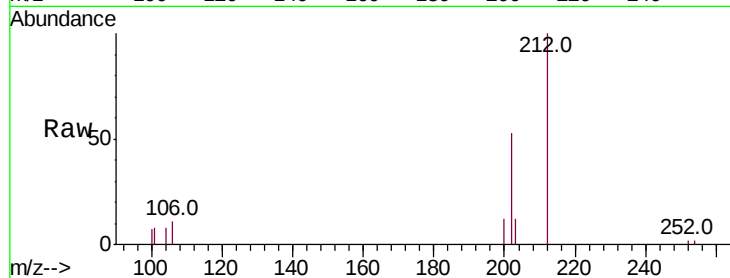
Tot Ion:202 Resp: 2886

Ion Ratio Lower Upper

202 100

101 14.5 8.5 12.7#

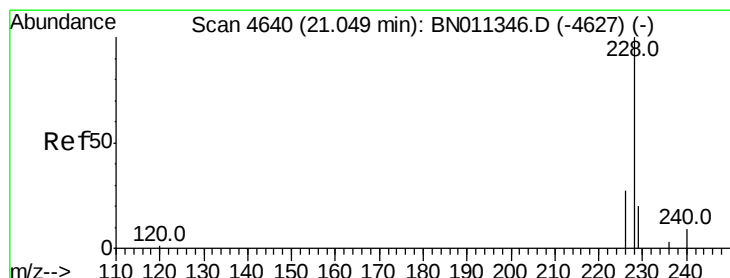
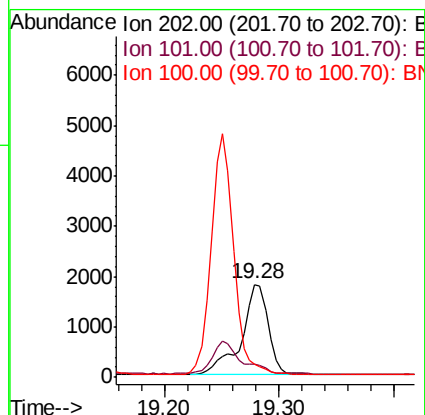
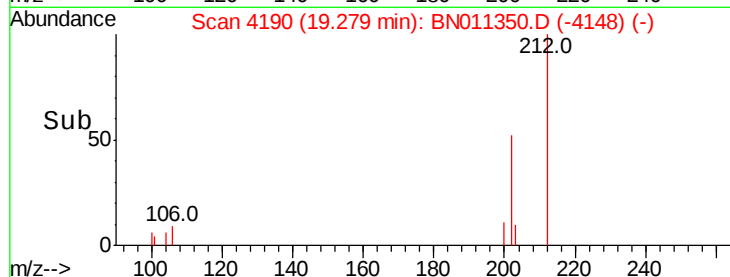
100 14.0 7.1 10.7#



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: 0.041 ng/ul

RT: 21.05 min Scan# 4639

Delta R.T. -0.00 min

Lab File: BN011350.D

Acq: 04 Aug 2020 02:38

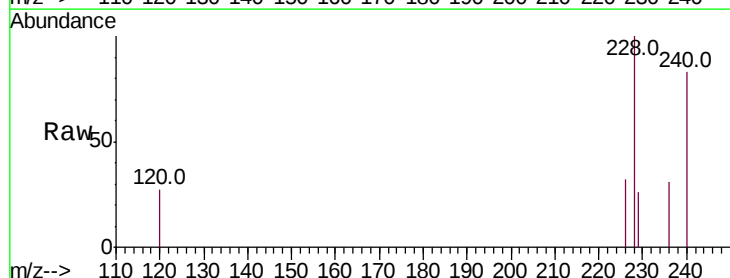
Tgt Ion:228 Resp: 1226

Ion Ratio Lower Upper

228 100

229 25.7 16.1 24.1#

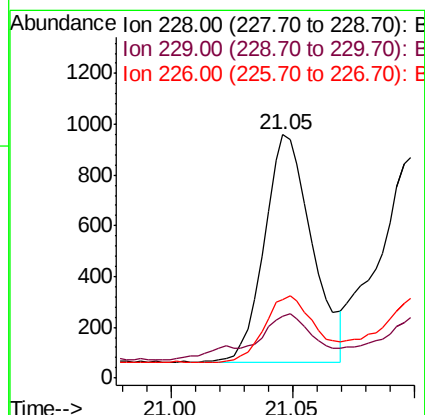
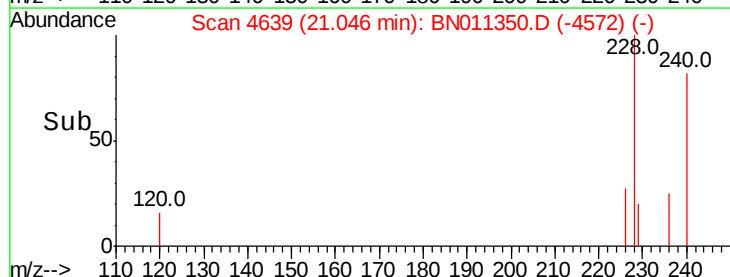
226 32.0 22.2 33.2

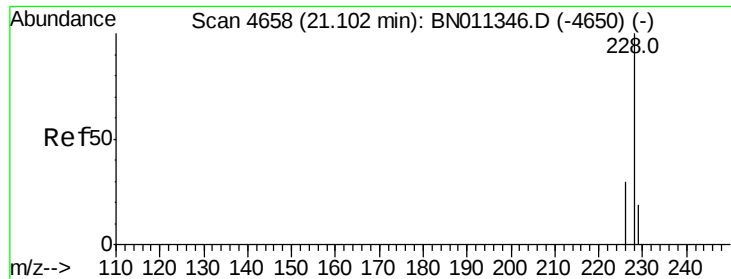


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.039 ng/ul

RT: 21.10 min Scan# 4657

Delta R.T. -0.00 min

Lab File: BN011350.D

Acq: 04 Aug 2020 02:38

Instrument :

BNA_N

ClientSampleId :

C0AF3

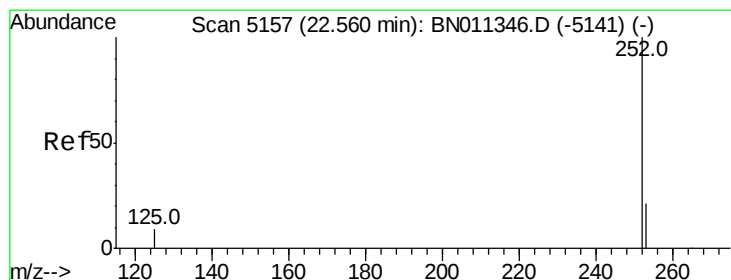
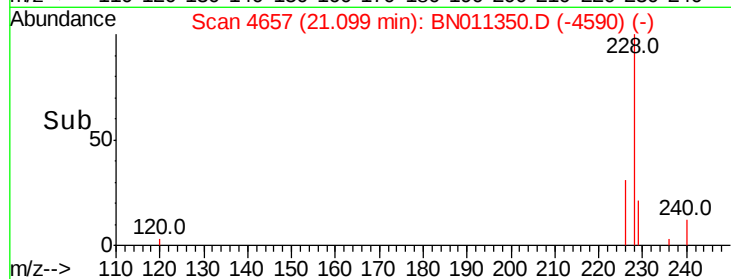
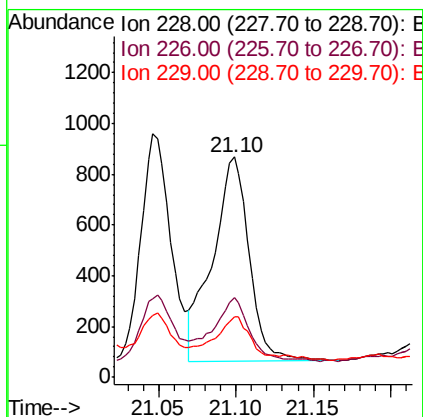
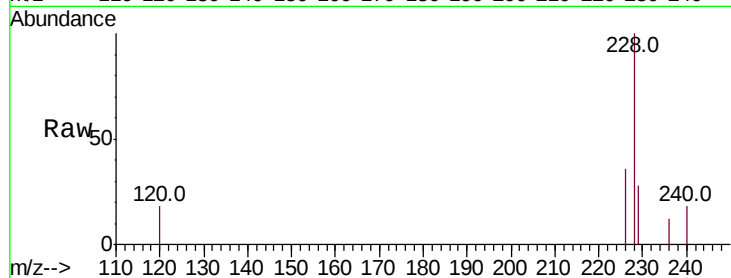
Tot Ion:228 Resp: 1330

Ion Ratio Lower Upper

228 100

226 36.3 24.5 36.7

229 27.8 15.8 23.6#



#21

Benzo(b)fluoranthene

Concen: 0.083 ng/ul

RT: 22.56 min Scan# 5157

Delta R.T. 0.00 min

Lab File: BN011350.D

Acq: 04 Aug 2020 02:38

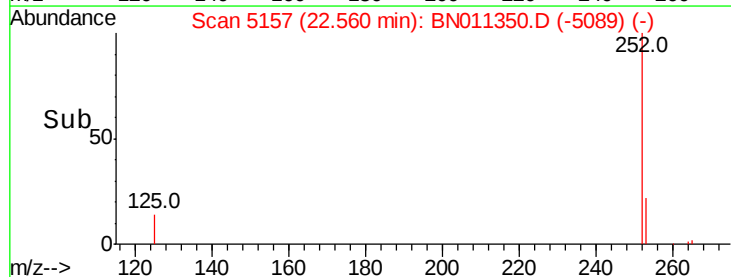
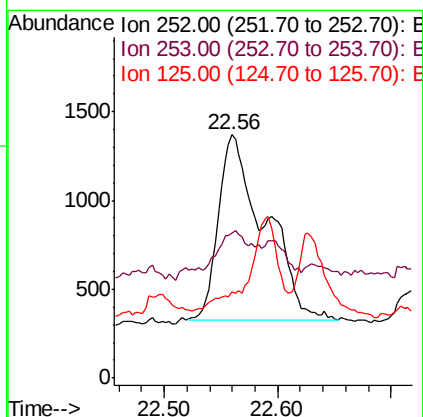
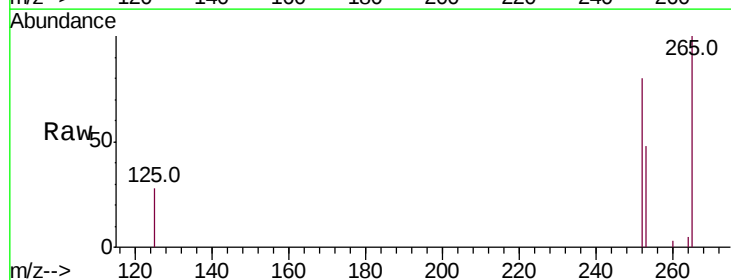
Tgt Ion:252 Resp: 2995

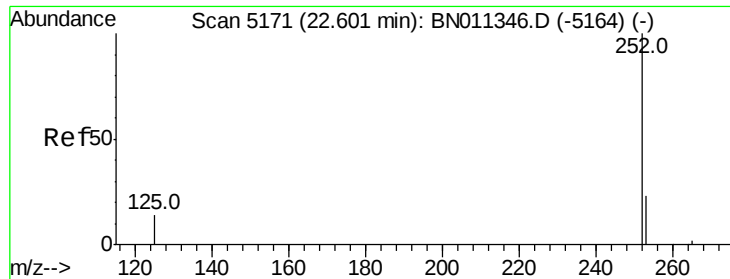
Ion Ratio Lower Upper

252 100

253 59.5 0.0 51.8#

125 35.3 0.0 24.2#





#22

Benzo(k)fluoranthene

Concen: 0.076 ng/ul

RT: 22.56 min Scan# 5157

Delta R.T. -0.04 min

Lab File: BN011350.D

Acq: 04 Aug 2020 02:38

Instrument :

BNA_N

ClientSampleId :

C0AF3

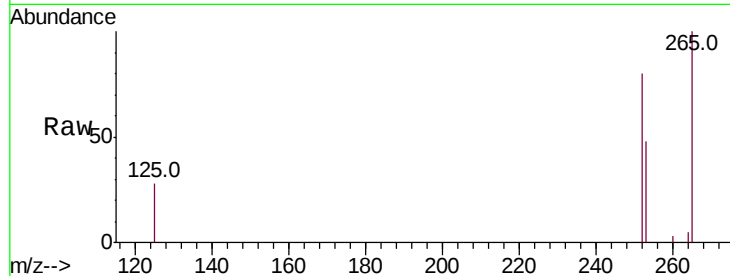
Tot Ion:252 Resp: 3051

Ion Ratio Lower Upper

252 100

253 59.5 21.4 32.0#

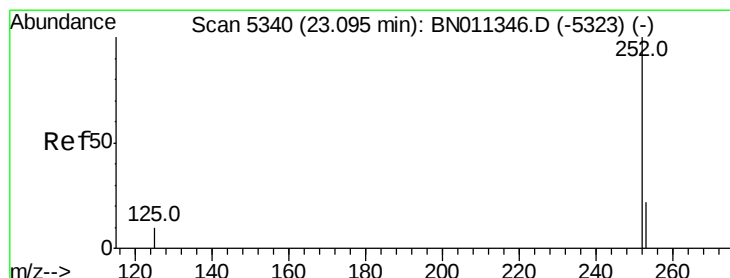
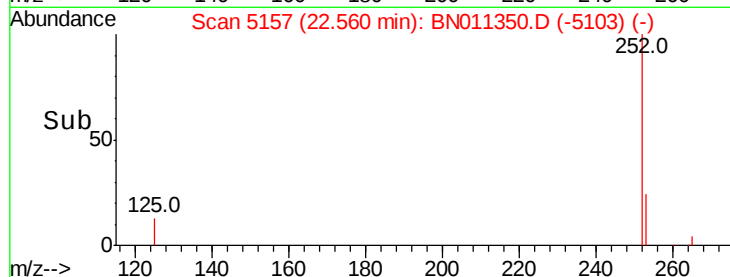
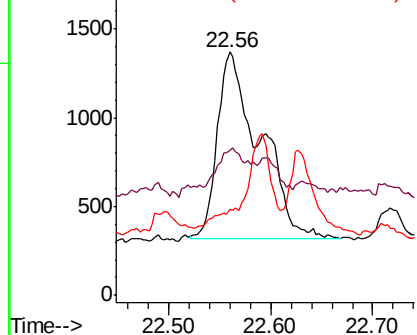
125 35.3 12.6 18.8#



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: 0.038 ng/ul

RT: 23.09 min Scan# 5337

Delta R.T. -0.01 min

Lab File: BN011350.D

Acq: 04 Aug 2020 02:38

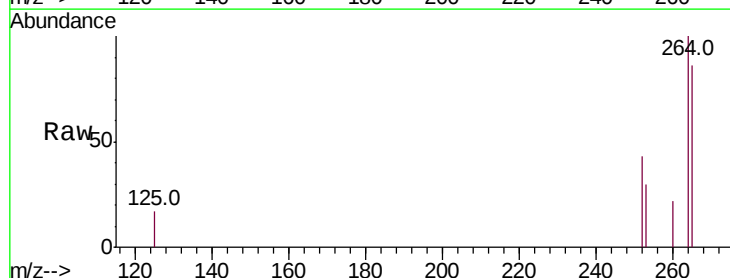
Tgt Ion:252 Resp: 1184

Ion Ratio Lower Upper

252 100

253 69.9 22.6 34.0#

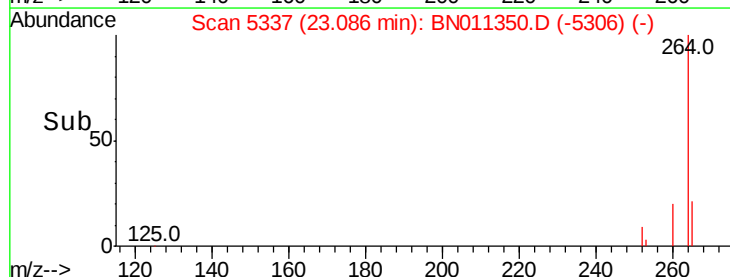
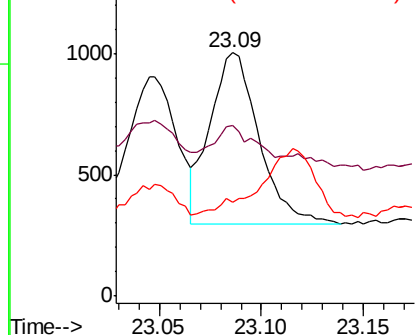
125 38.8 12.6 18.8#

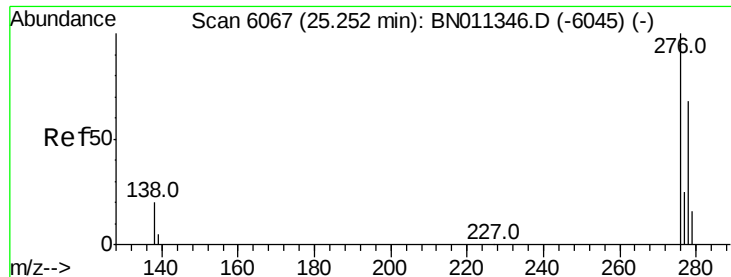


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.024 ng/ul

RT: 25.25 min Scan# 6065

Delta R.T. -0.01 min

Lab File: BN011350.D

Acq: 04 Aug 2020 02:38

Instrument :

BNA_N

ClientSampleId :

C0AF3

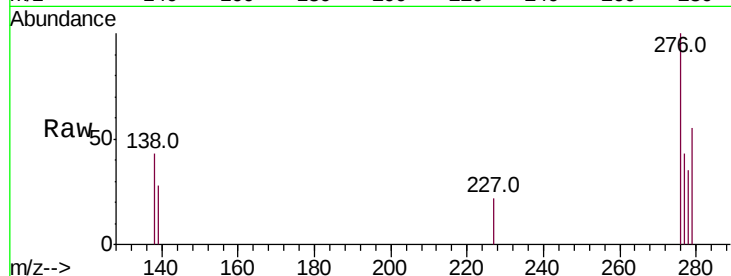
Tot Ion:276 Resp: 806

Ion Ratio Lower Upper

276 100

138 14.8 18.1 27.1#

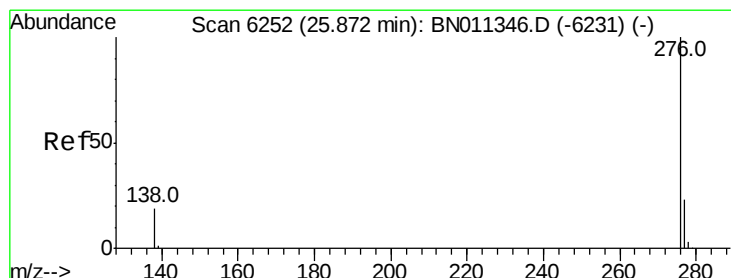
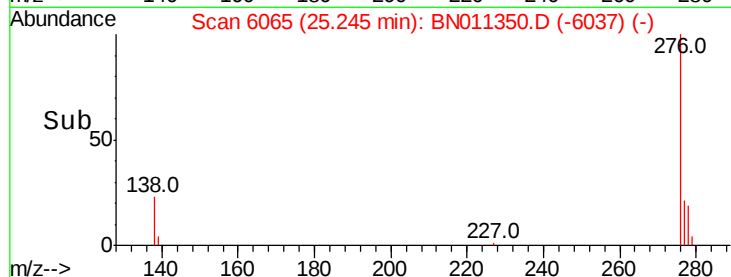
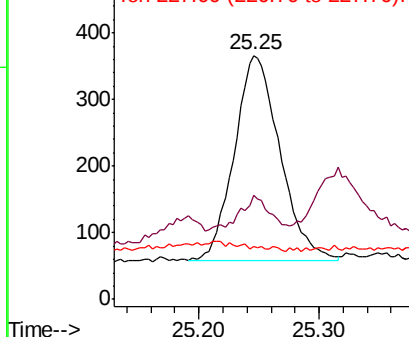
227 0.4 0.2 0.4#



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/ul

RT: 25.87 min Scan# 6251

Delta R.T. -0.00 min

Lab File: BN011350.D

Acq: 04 Aug 2020 02:38

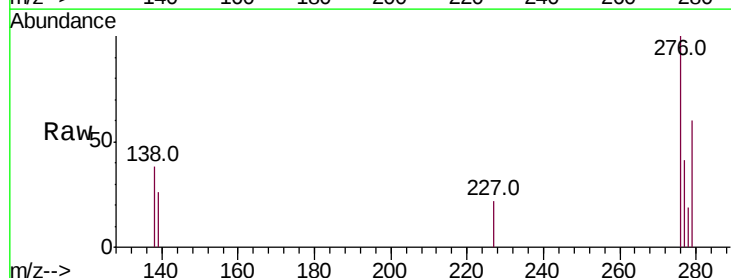
Tgt Ion:276 Resp: 884

Ion Ratio Lower Upper

276 100

138 38.4 16.4 24.6#

277 41.4 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

