

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
 Data File : BN011314.D
 Acq On : 31 Jul 2020 00:41
 Operator : CG/JU
 Sample : L3388-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE2

Quant Time: Jul 31 03:01:39 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

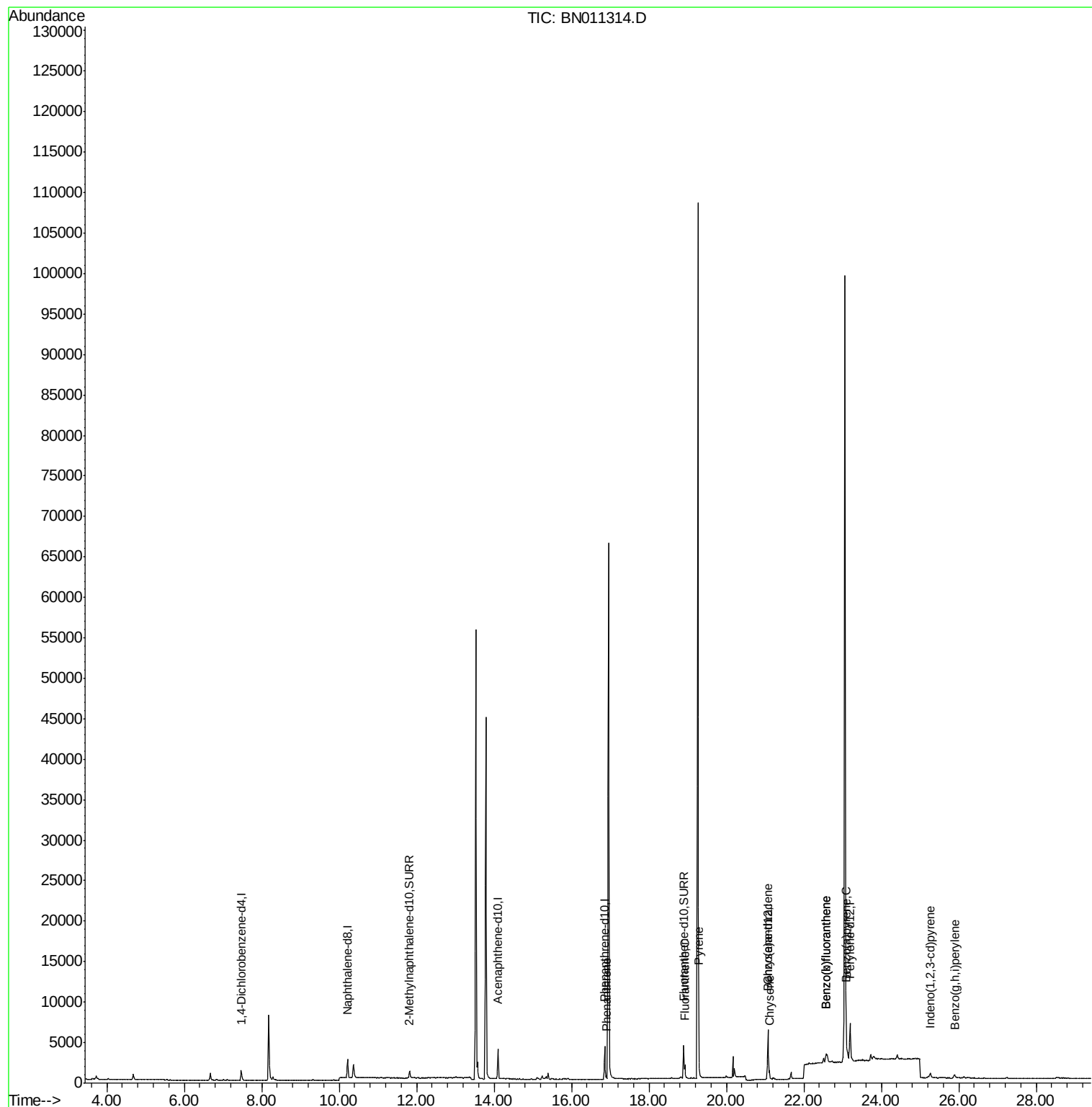
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	688	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	3317	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2172	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	4979	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	5506	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	6073	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	1382	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	4594	0.19	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.89	178	364	0.022	ng/ul#	69
15) Fluoranthene	18.92	202	1393	0.068	ng/ul	86
17) Pyrene	19.29	202	1436	0.057	ng/ul#	82
18) Benzo(a)anthracene	21.06	228	984	0.047	ng/ul#	87
19) Chrysene	21.11	228	1088	0.045	ng/ul#	86
21) Benzo(b)fluoranthene	22.57	252	2348	0.093	ng/ul#	45
22) Benzo(k)fluoranthene	22.57	252	2348	0.083	ng/ul#	50
23) Benzo(a)pyrene	23.10	252	1037	0.047	ng/ul#	37
24) Indeno(1,2,3-cd)pyrene	25.26	276	934	0.040	ng/ul#	91
26) Benzo(g,h,i)perylene	25.89	276	884	0.042	ng/ul#	64

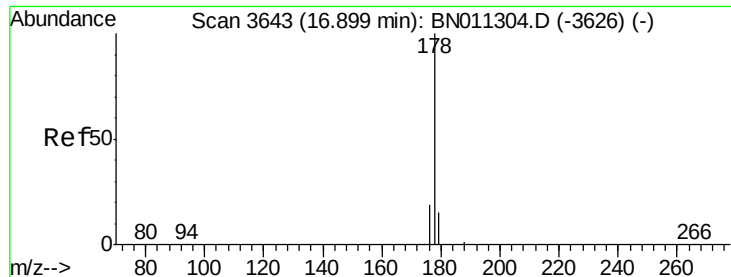
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.022 ng/ul

RT: 16.89 min Scan# 3642

Delta R.T. -0.00 min

Lab File: BN011314.D

Acq: 31 Jul 2020 00:41

Instrument :

BNA_N

ClientSampleId :

C0AE2

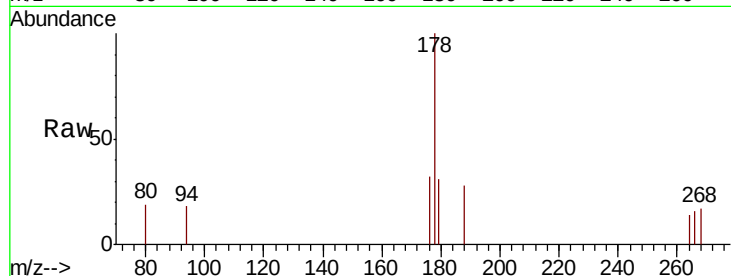
Tot Ion:178 Resp: 364

Ion Ratio Lower Upper

178 100

179 31.2 12.6 18.8#

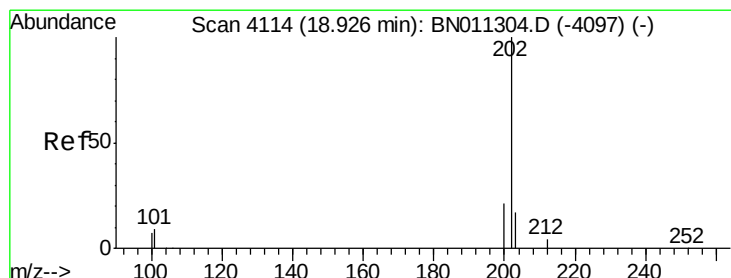
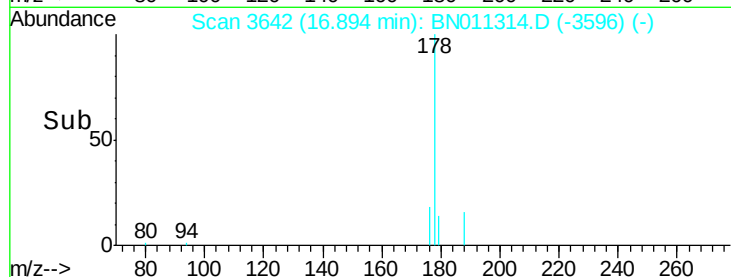
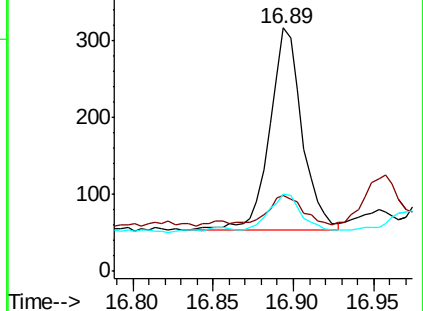
176 31.5 15.7 23.5#



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: 0.068 ng/ul

RT: 18.92 min Scan# 4114

Delta R.T. -0.01 min

Lab File: BN011314.D

Acq: 31 Jul 2020 00:41

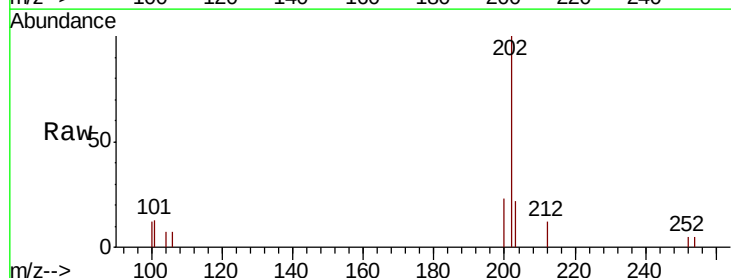
Tgt Ion:202 Resp: 1393

Ion Ratio Lower Upper

202 100

101 13.2 0.0 28.2

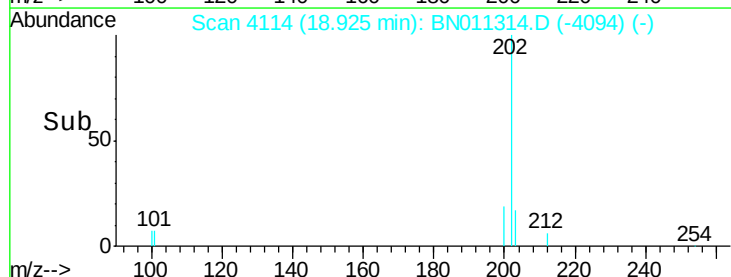
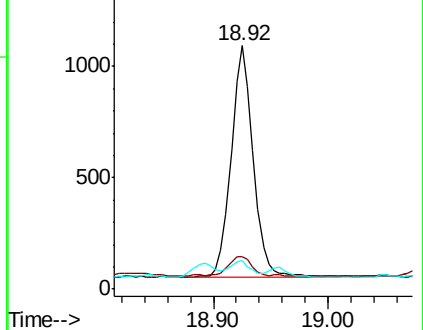
100 12.0 0.0 26.8

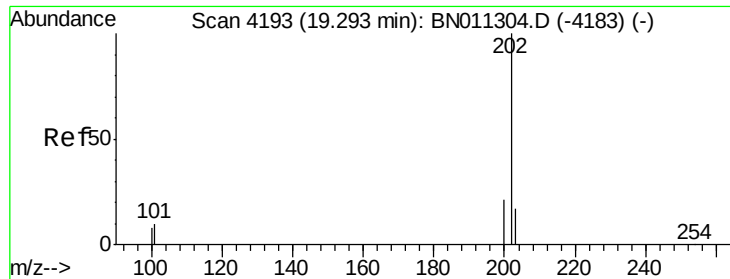


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

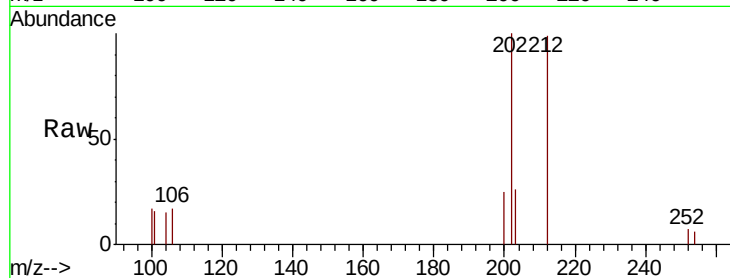




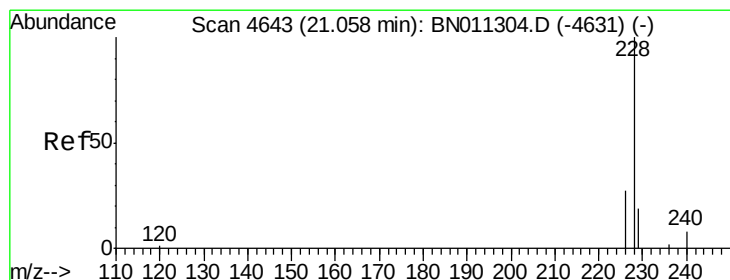
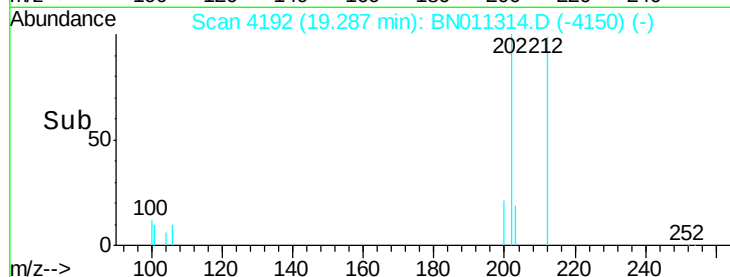
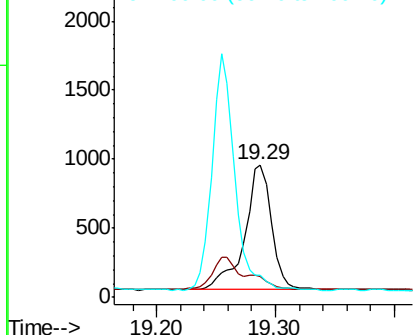
#17
Pvrene
Concen: 0.057 ng/ul
RT: 19.29 min Scan# 4192
Delta R.T. -0.01 min
Lab File: BN011314.D
Acq: 31 Jul 2020 00:41

Instrument :
BNA_N
ClientSampleId :
C0AE2

Tot Ion:202 Resp: 1436
Ion Ratio Lower Upper
202 100
101 16.1 8.5 12.7#
100 16.7 7.1 10.7#

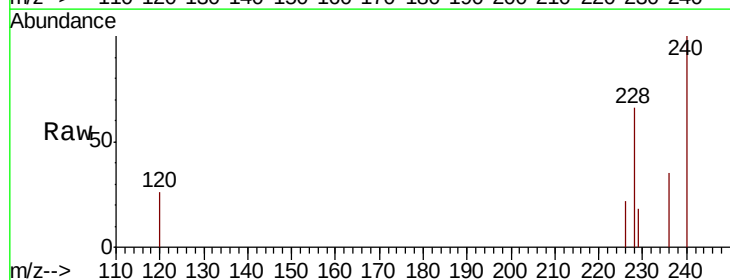


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

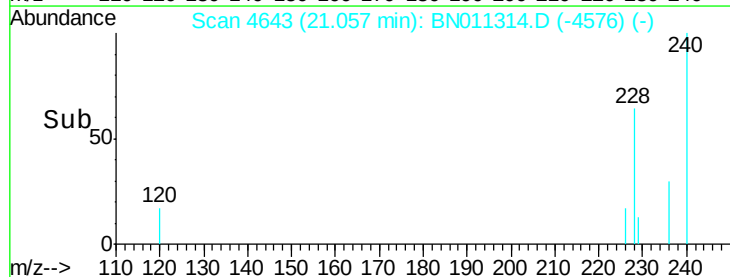
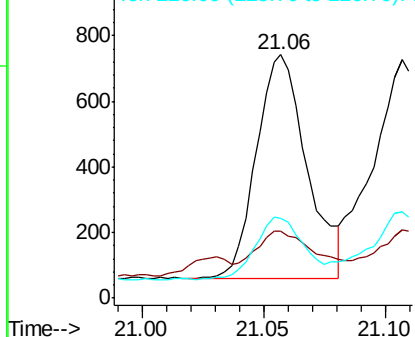


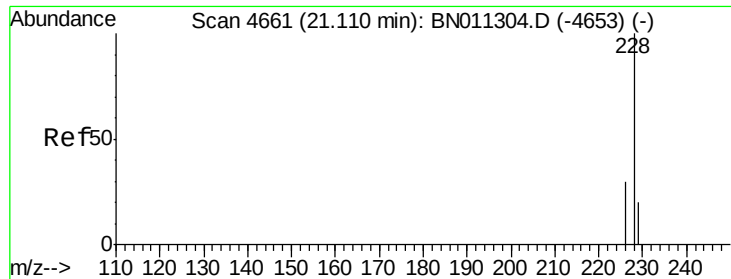
#18
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.06 min Scan# 4643
Delta R.T. -0.00 min
Lab File: BN011314.D
Acq: 31 Jul 2020 00:41

Tgt Ion:228 Resp: 984
Ion Ratio Lower Upper
228 100
229 27.6 16.1 24.1#
226 32.9 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: 0.045 ng/ul

RT: 21.11 min Scan# 4660

Delta R.T. -0.01 min

Lab File: BN011314.D

Acq: 31 Jul 2020 00:41

Instrument :

BNA_N

ClientSampled :

C0AE2

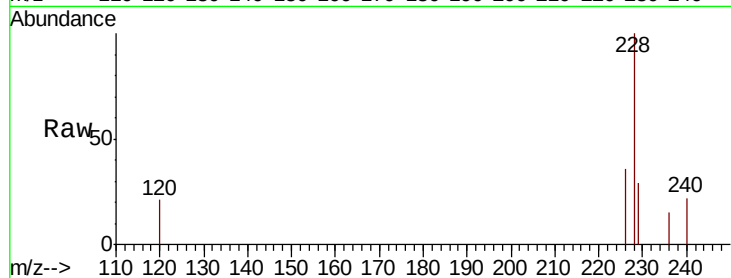
Tot Ion:228 Resp: 1088

Ion Ratio Lower Upper

228 100

226 36.0 24.5 36.7

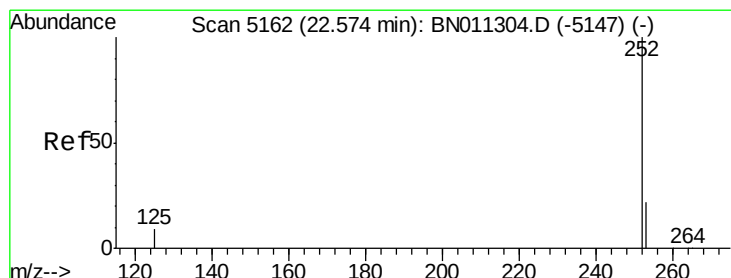
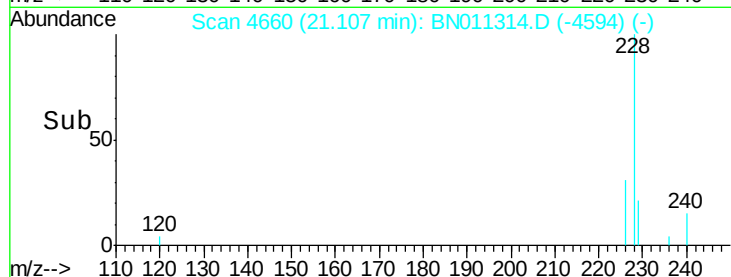
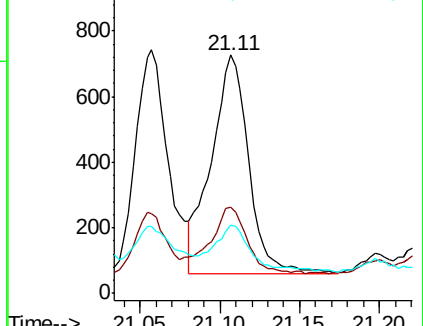
229 28.5 15.8 23.6#



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: 0.093 ng/ul

RT: 22.57 min Scan# 5161

Delta R.T. -0.01 min

Lab File: BN011314.D

Acq: 31 Jul 2020 00:41

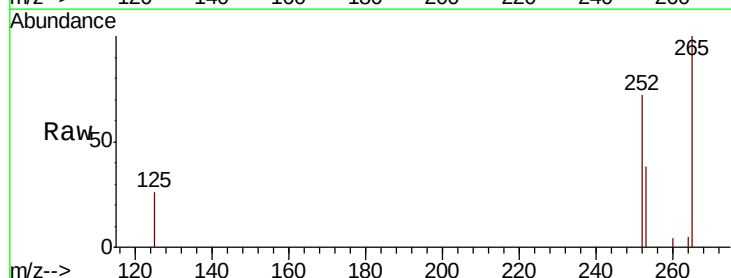
Tgt Ion:252 Resp: 2348

Ion Ratio Lower Upper

252 100

253 52.3 0.0 51.8#

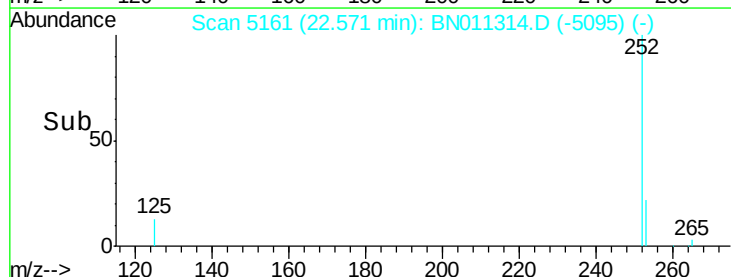
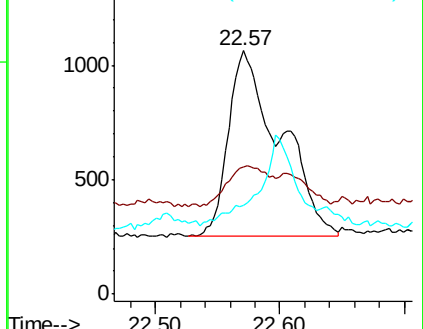
125 36.7 0.0 24.2#

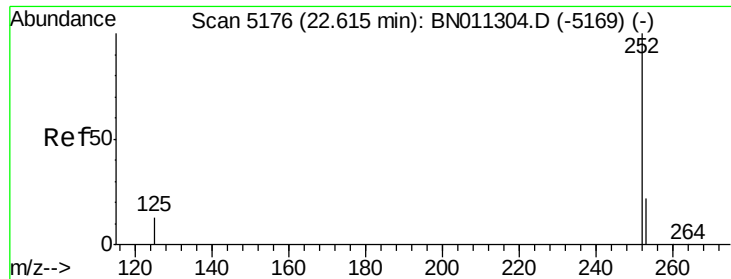


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.083 ng/ul

RT: 22.57 min Scan# 5161

Delta R.T. -0.05 min

Lab File: BN011314.D

Acq: 31 Jul 2020 00:41

Instrument :

BNA_N

ClientSampleId :

C0AE2

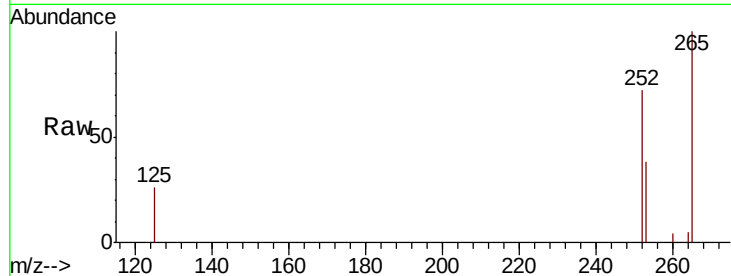
Tot Ion:252 Resp: 2348

Ion Ratio Lower Upper

252 100

253 52.3 21.4 32.0#

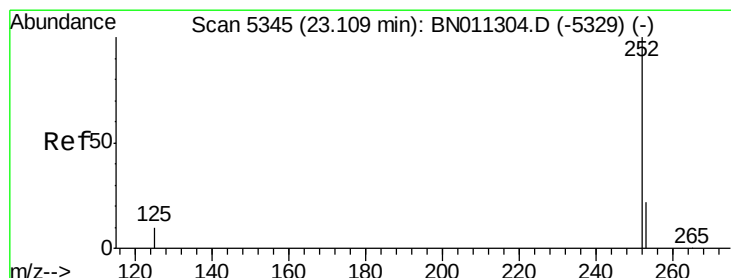
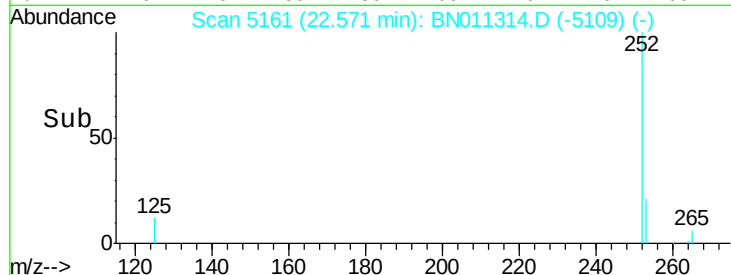
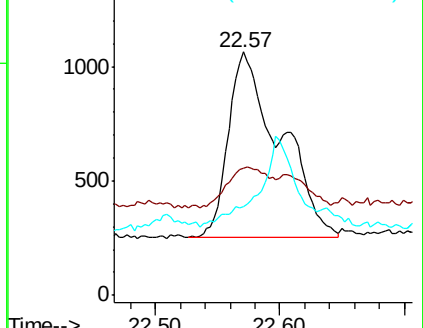
125 36.7 12.6 18.8#



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



#23

Benzo(a)pyrene

Concen: 0.047 ng/ul

RT: 23.10 min Scan# 5341

Delta R.T. -0.02 min

Lab File: BN011314.D

Acq: 31 Jul 2020 00:41

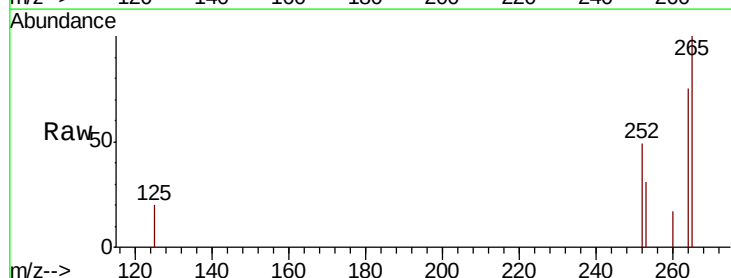
Tgt Ion:252 Resp: 1037

Ion Ratio Lower Upper

252 100

253 62.5 22.6 34.0#

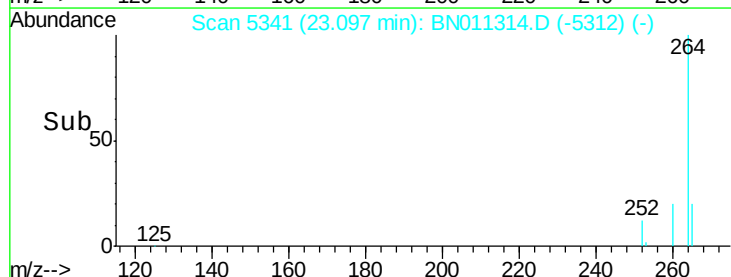
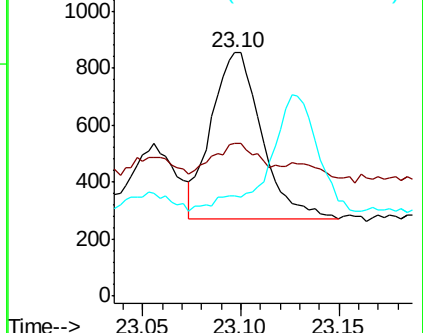
125 41.2 12.6 18.8#

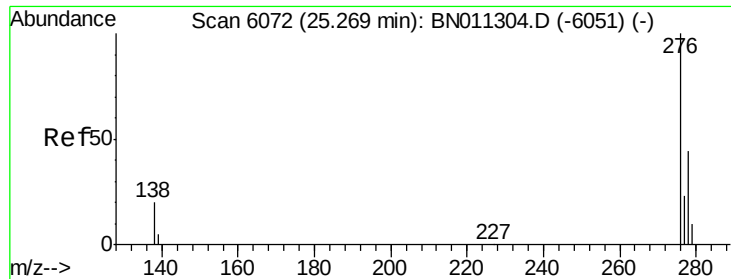


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

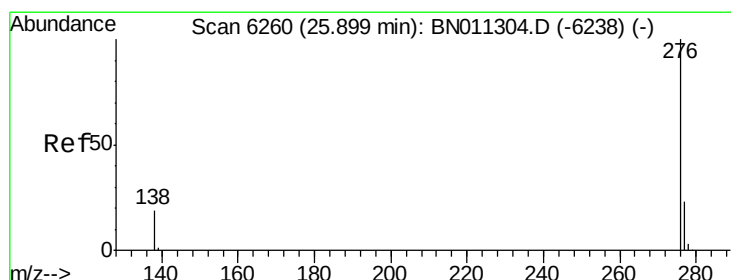
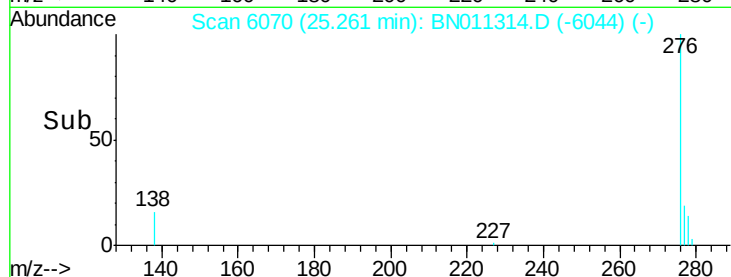
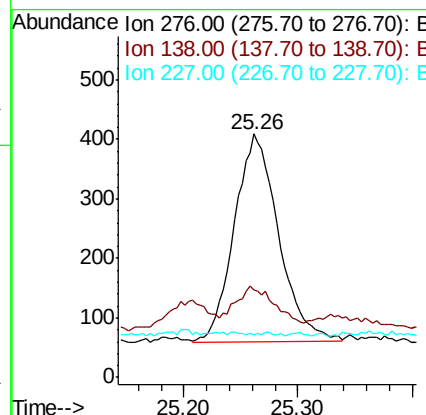
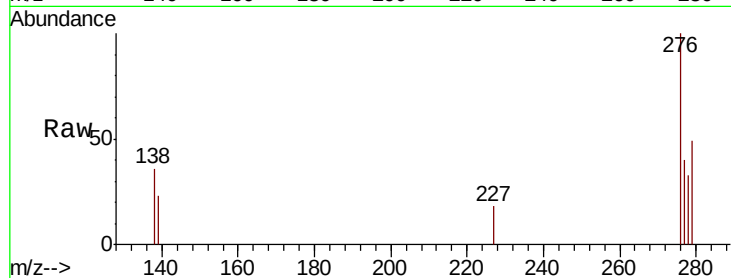




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.040 ng/ul
 RT: 25.26 min Scan# 6070
 Delta R.T. -0.01 min
 Lab File: BN011314.D
 Acq: 31 Jul 2020 00:41

Instrument :
 BNA_N
 ClientSampleId :
 C0AE2

Tot Ion:276 Resp: 934
 Ion Ratio Lower Upper
 276 100
 138 18.3 18.1 27.1
 227 0.4 0.2 0.4#



#26
 Benzo(g,h,i)perylene
 Concen: 0.042 ng/ul
 RT: 25.89 min Scan# 6258
 Delta R.T. -0.01 min
 Lab File: BN011314.D
 Acq: 31 Jul 2020 00:41

Tgt Ion:276 Resp: 884
 Ion Ratio Lower Upper
 276 100
 138 38.3 16.4 24.6#
 277 42.7 20.2 30.4#

