

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011710.D
 Acq On : 04 Sep 2020 19:57
 Operator : CG/JU
 Sample : L3840-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 05 01:45:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 01:37:48 2020
 Response via : Initial Calibration

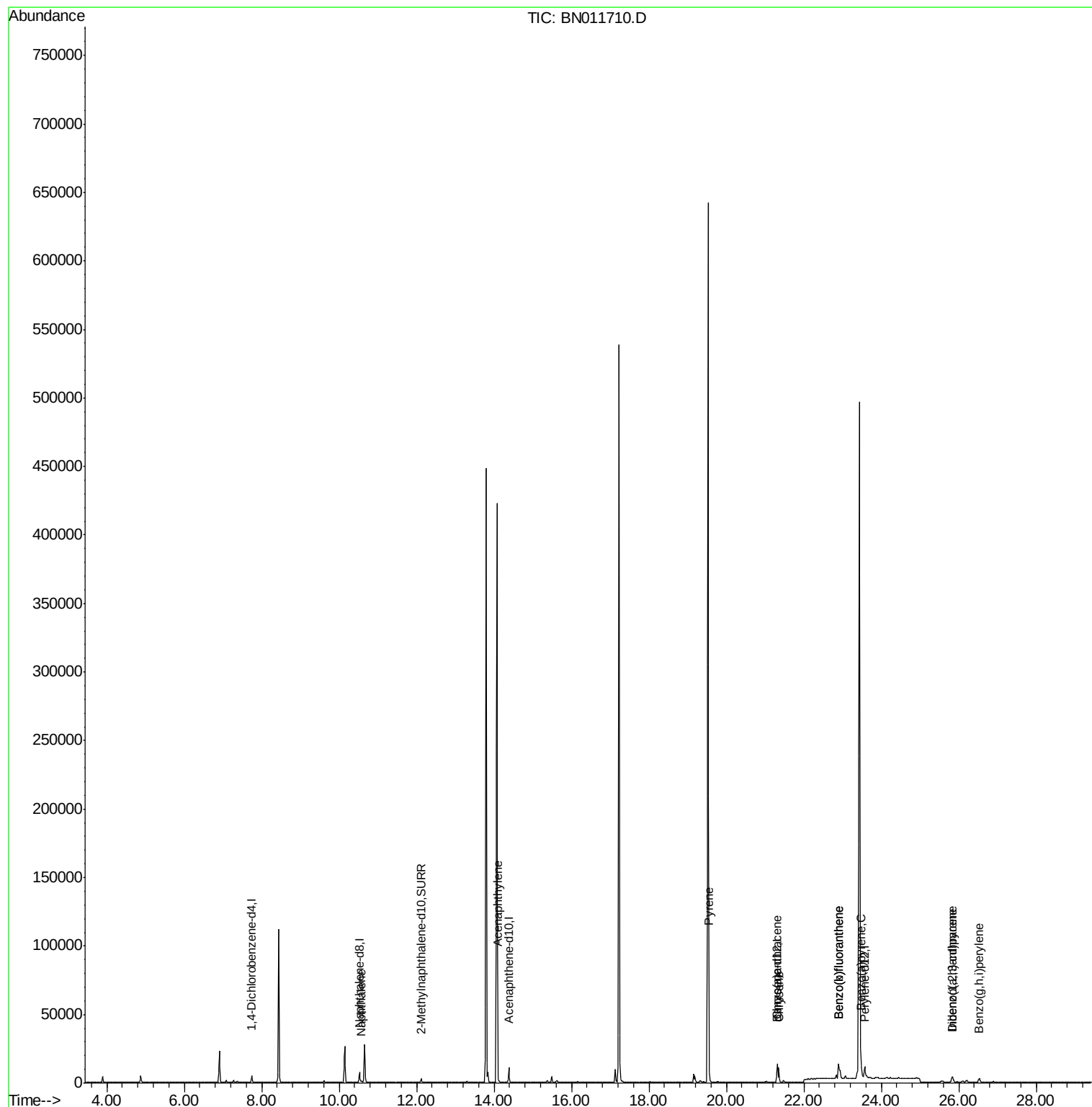
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2486	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9745	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5511	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.13
16) Chrysene-d12	21.32	240	10500	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	10807	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	3226	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6682	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1357	0.048	ng/ul#	89
7) Acenaphthylene	14.10	152	1615	0.058	ng/ul	95
17) Pyrene	19.55	202	8678	0.211	ng/ul#	93
18) Benzo(a)anthracene	21.30	228	5260	0.149	ng/ul	96
19) Chrysene	21.35	228	10688	0.225	ng/ul	99
21) Benzo(b)fluoranthene	22.90	252	24427	0.520	ng/ul	96
22) Benzo(k)fluoranthene	22.90	252	24427	0.470	ng/ul	97
23) Benzo(a)pyrene	23.47	252	10540	0.267	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.83	276	7030	0.132	ng/ul#	57
25) Dibenzo(a,h)anthracene	25.85	278	2063	0.047	ng/ul#	72
26) Benzo(g,h,i)perylene	26.53	276	6383	0.128	ng/ul	96

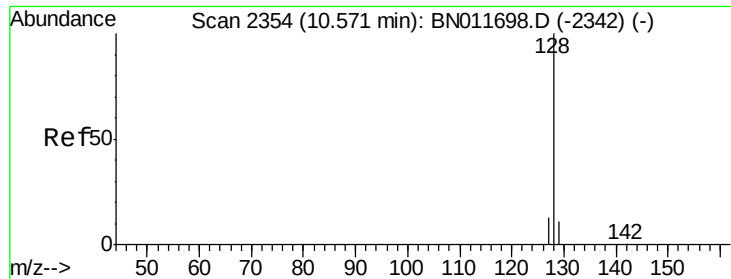
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
ClientSampleId :

Quant Time: Sep 05 01:45:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.048 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011710.D

Acq: 04 Sep 2020 19:57

Instrument :

BNA_N

ClientSampled :

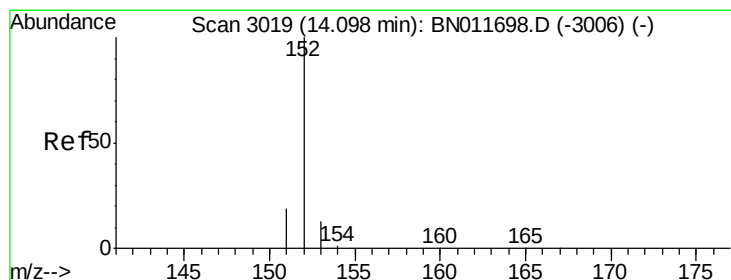
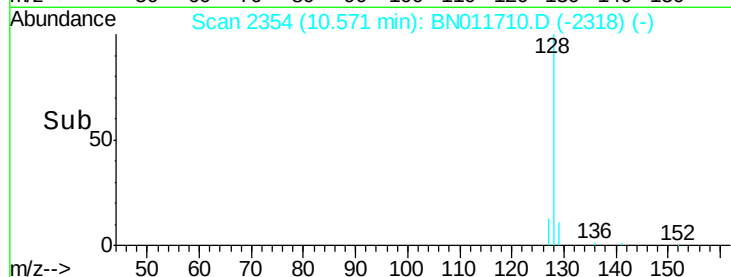
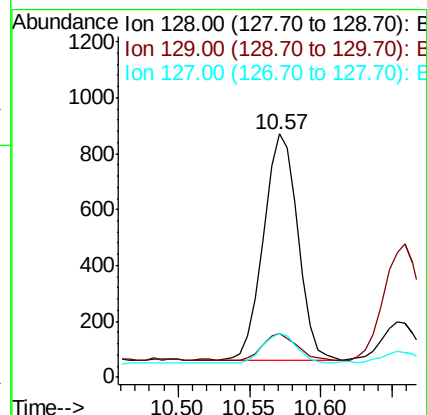
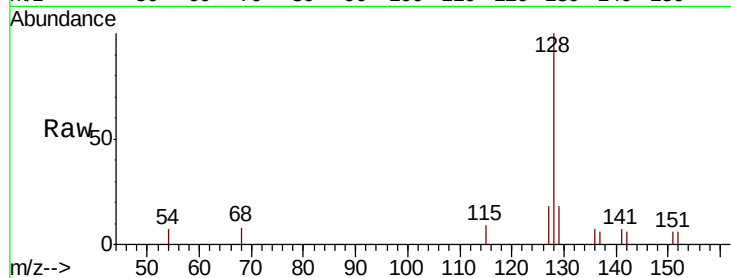
Tot Ion:128 Resp: 1357

Ion Ratio Lower Upper

128 100

129 18.0 10.4 15.6#

127 18.1 11.4 17.0#



#7

Acenaphthylene

Concen: 0.058 ng/ul

RT: 14.10 min Scan# 3019

Delta R.T. 0.00 min

Lab File: BN011710.D

Acq: 04 Sep 2020 19:57

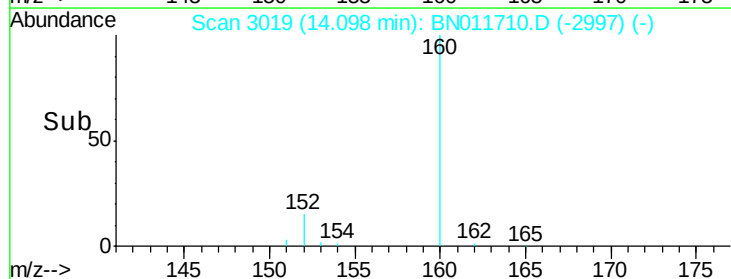
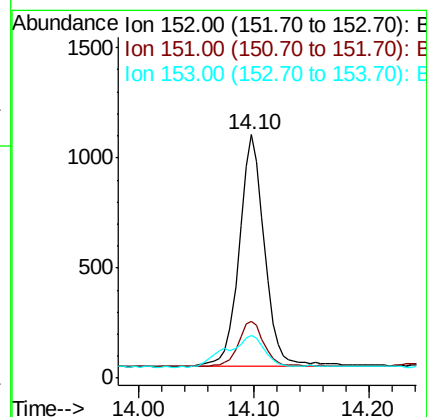
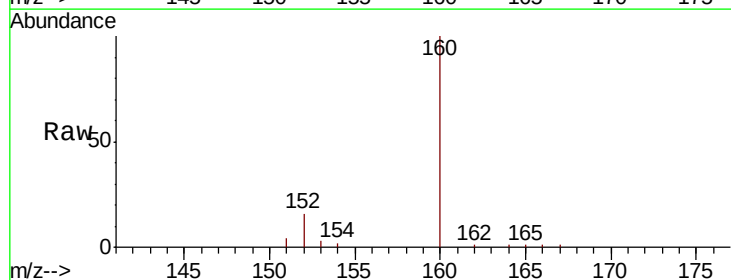
Tgt Ion:152 Resp: 1615

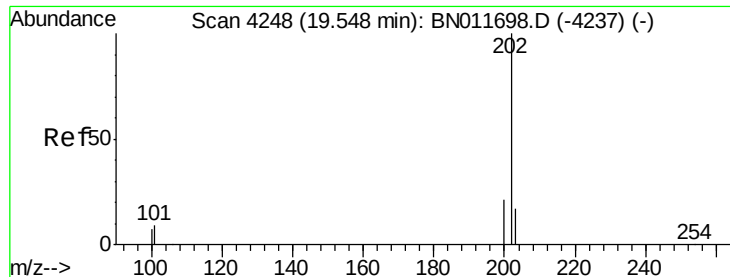
Ion Ratio Lower Upper

152 100

151 23.2 16.7 25.1

153 17.3 12.3 18.5

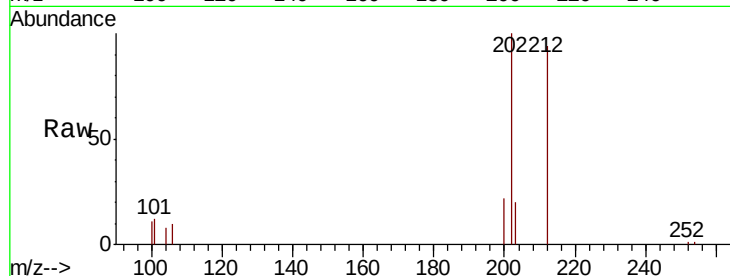




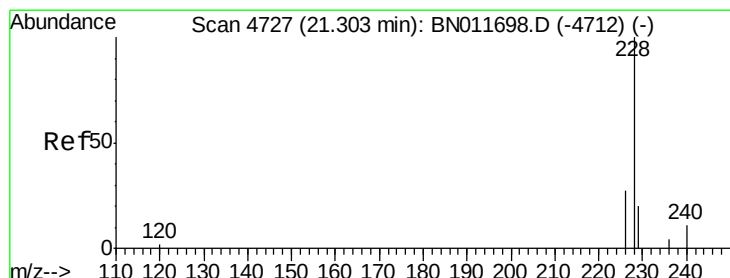
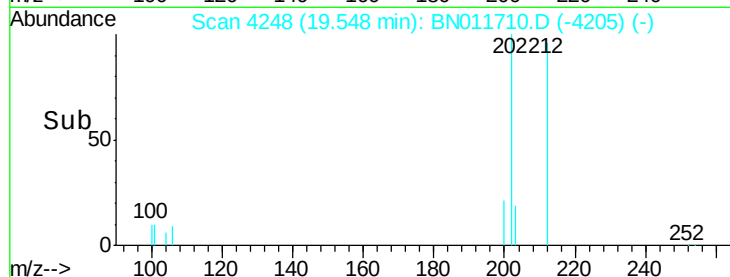
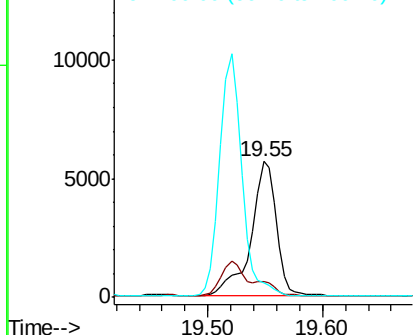
#17
Pvrene
Concen: 0.211 ng/ul
RT: 19.55 min Scan# 4248
Delta R.T. 0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 8678
Ion Ratio Lower Upper
202 100
101 12.0 7.3 10.9#
100 10.7 6.7 10.1#

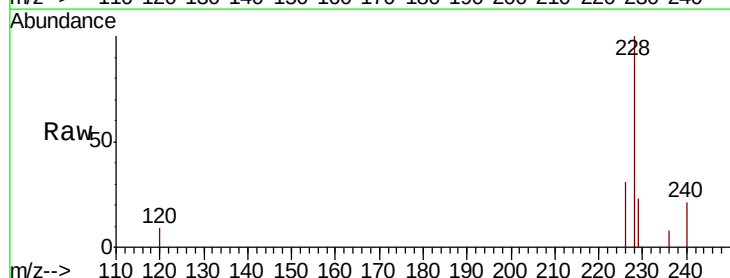


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

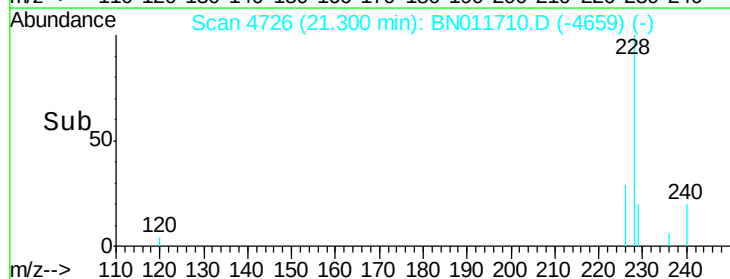
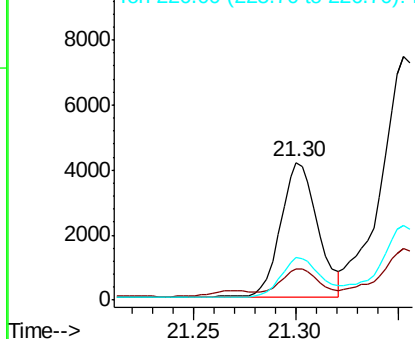


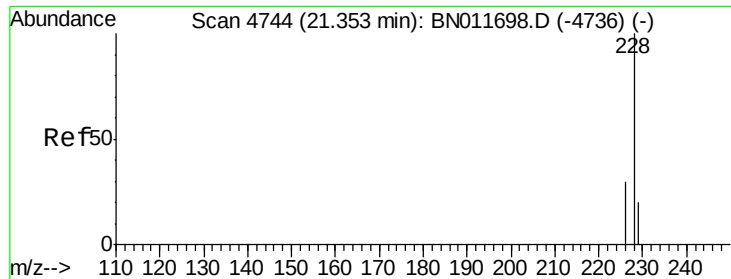
#18
Benzo(a)anthracene
Concen: 0.149 ng/ul
RT: 21.30 min Scan# 4726
Delta R.T. -0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

Tgt Ion:228 Resp: 5260
Ion Ratio Lower Upper
228 100
229 22.6 16.7 25.1
226 30.9 22.9 34.3



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: 0.225 ng/ul

RT: 21.35 min Scan# 4744

Delta R.T. 0.00 min

Lab File: BN011710.D

Acq: 04 Sep 2020 19:57

Instrument :

BNA_N

ClientSampleId :

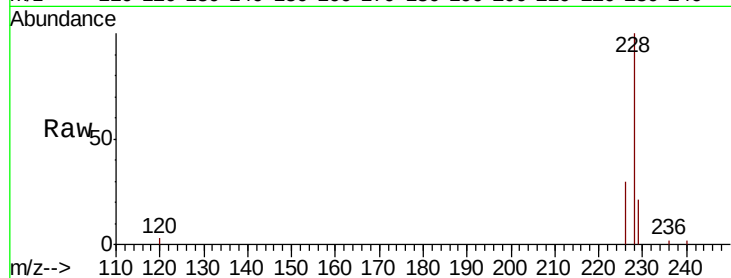
Tot Ion:228 Resp: 10688

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

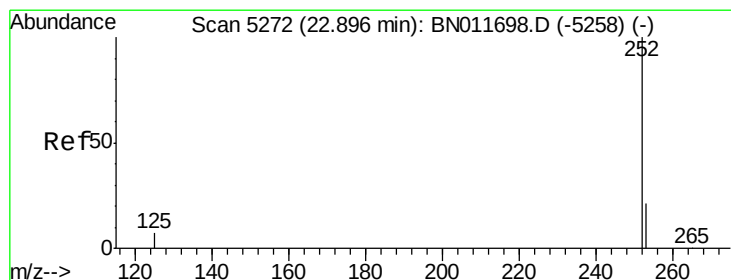
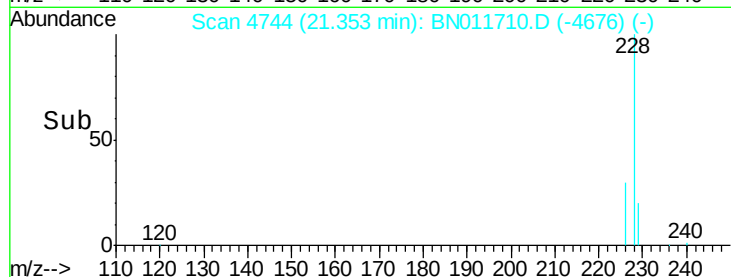
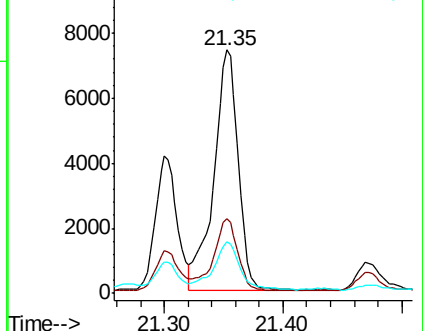
229 21.2 16.4 24.6



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: 0.520 ng/ul

RT: 22.90 min Scan# 5272

Delta R.T. 0.00 min

Lab File: BN011710.D

Acq: 04 Sep 2020 19:57

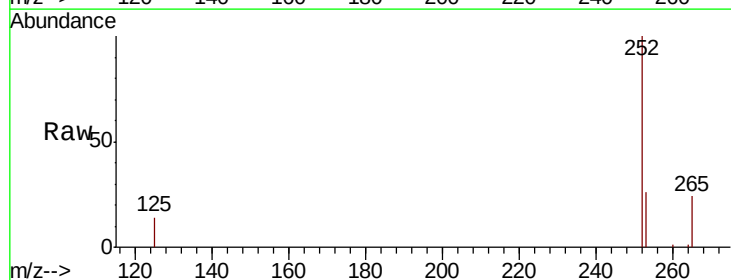
Tgt Ion:252 Resp: 24427

Ion Ratio Lower Upper

252 100

253 26.2 0.0 54.8

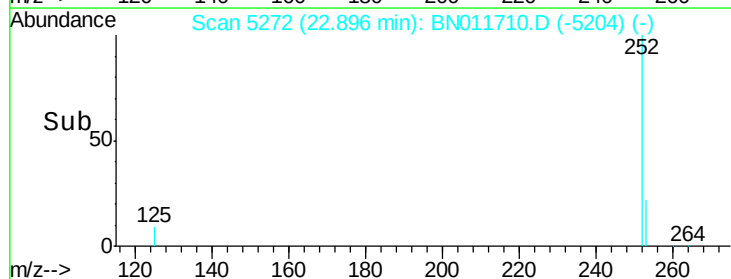
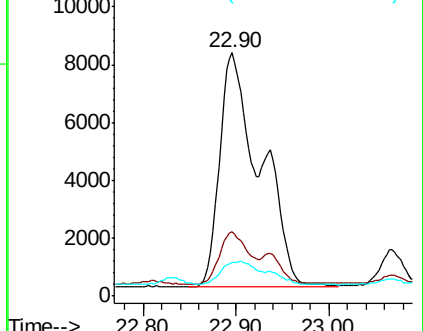
125 13.7 0.0 22.2

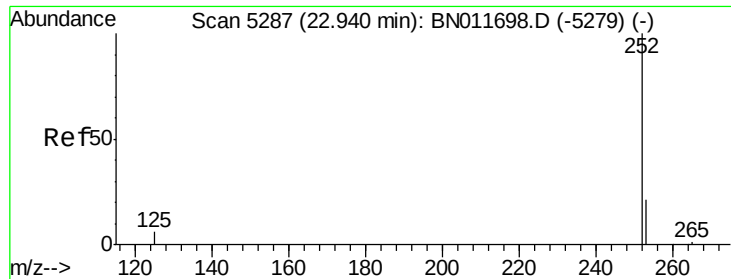


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

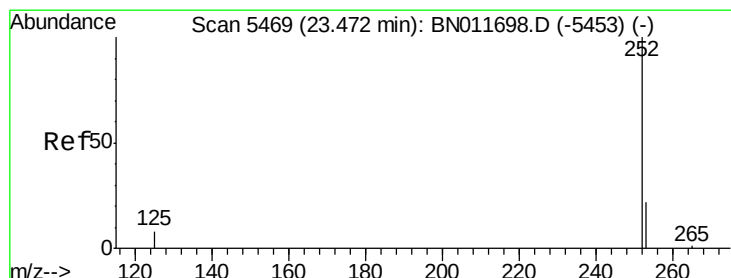
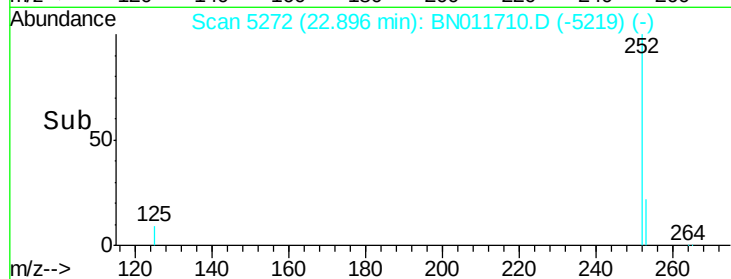
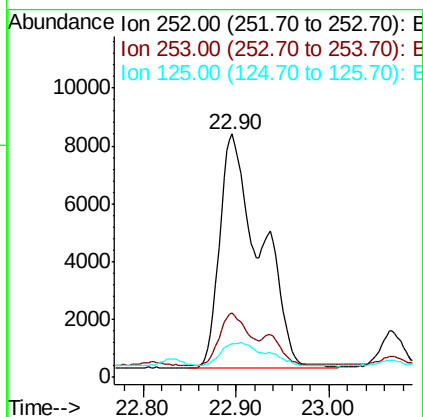
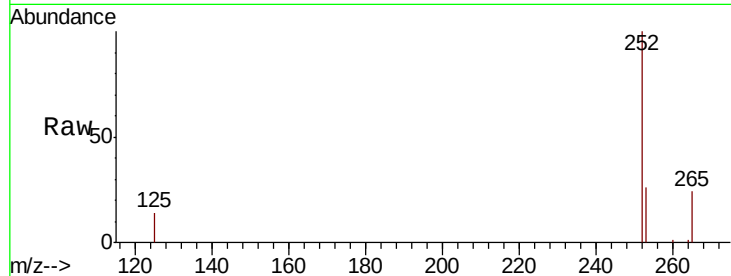




#22
Benzo(k)fluoranthene
Concen: 0.470 ng/ul
RT: 22.90 min Scan# 5272
Delta R.T. -0.04 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

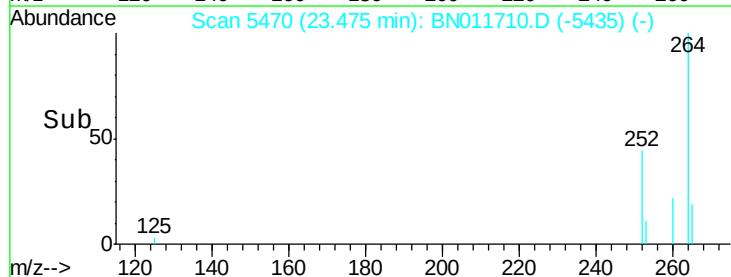
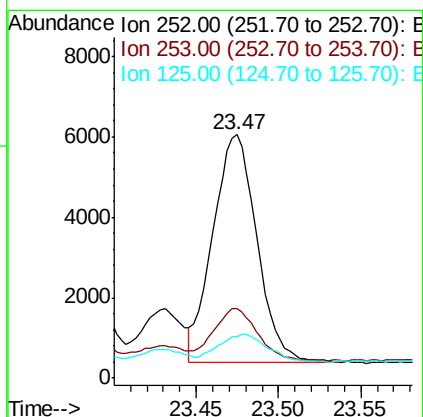
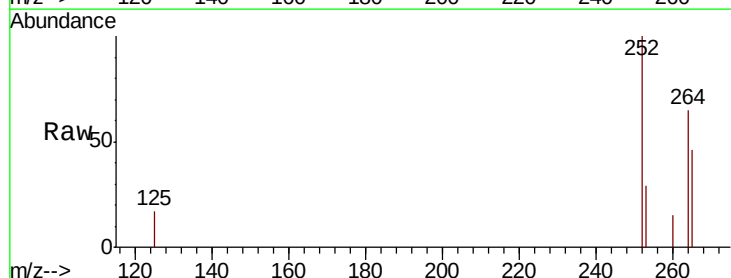
Instrument :
BNA_N
ClientSampleId :

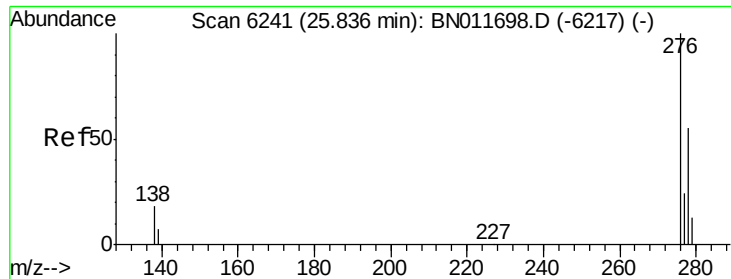
Tot Ion:252 Resp: 24427
Ion Ratio Lower Upper
252 100
253 26.2 21.8 32.6
125 13.7 9.1 13.7



#23
Benzo(a)pyrene
Concen: 0.267 ng/ul
RT: 23.47 min Scan# 5470
Delta R.T. 0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

Tgt Ion:252 Resp: 10540
Ion Ratio Lower Upper
252 100
253 28.5 24.4 36.6
125 17.2 11.1 16.7#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.132 ng/ul

RT: 25.83 min Scan# 6240

Delta R.T. -0.00 min

Lab File: BN011710.D

Acq: 04 Sep 2020 19:57

Instrument :

BNA_N

ClientSampleId :

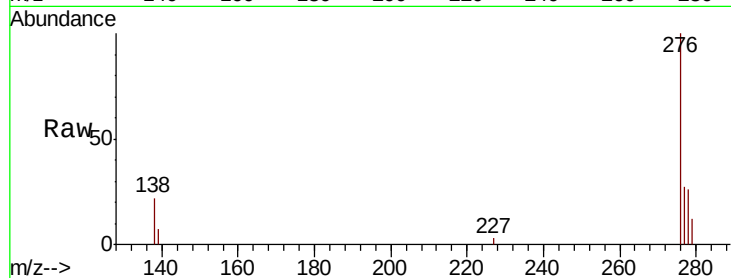
Tot Ion:276 Resp: 7030

Ion Ratio Lower Upper

276 100

138 0.0 15.8 23.6#

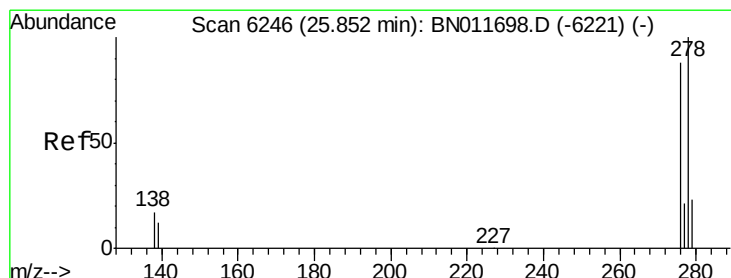
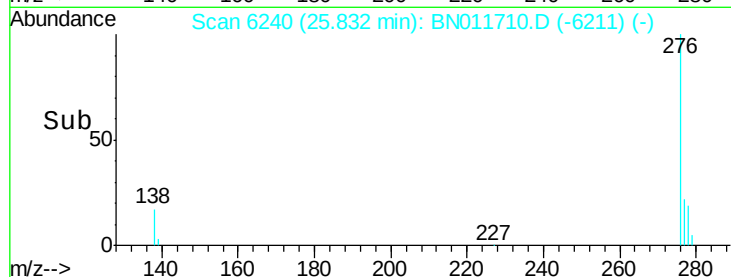
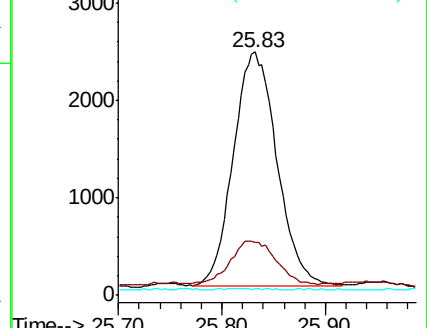
227 0.1 0.2 0.2#



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: 0.047 ng/ul

RT: 25.85 min Scan# 6244

Delta R.T. -0.01 min

Lab File: BN011710.D

Acq: 04 Sep 2020 19:57

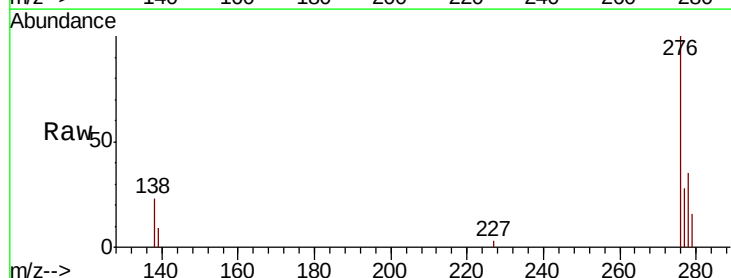
Tgt Ion:278 Resp: 2063

Ion Ratio Lower Upper

278 100

139 26.3 12.1 18.1#

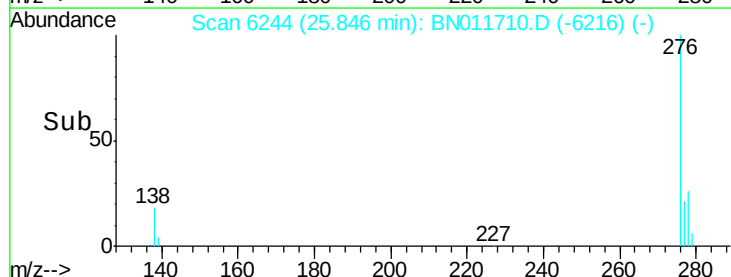
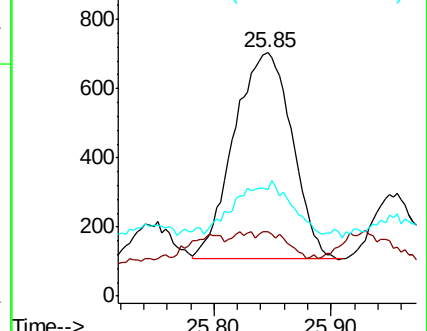
279 44.0 22.9 34.3#

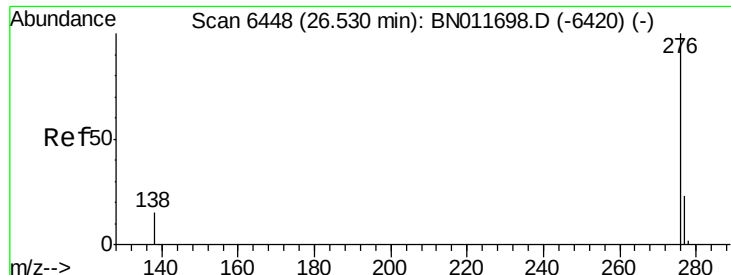


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.128 ng/ul

RT: 26.53 min Scan# 6447

Delta R.T. -0.00 min

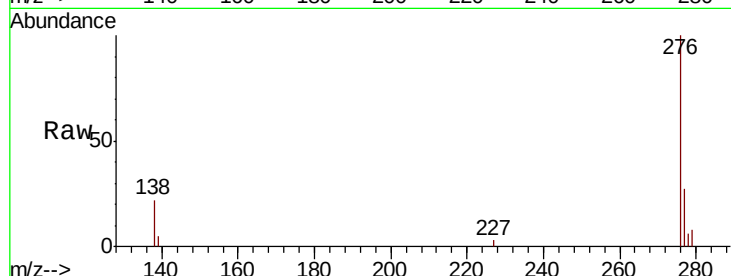
Lab File: BN011710.D

Acq: 04 Sep 2020 19:57

Instrument :

BNA_N

ClientSampleId :



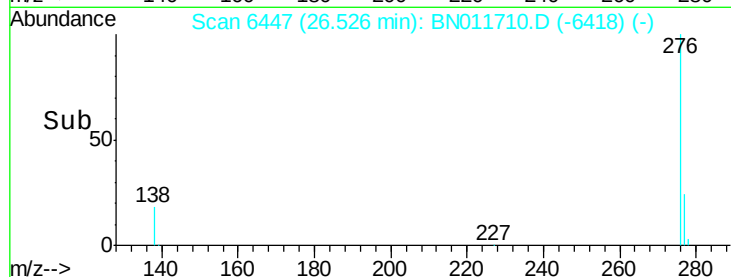
Tot Ion:276 Resp: 6383

Ion Ratio Lower Upper

276 100

138 22.1 15.8 23.6

277 27.1 20.6 31.0



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

