

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007030.D
 Acq On : 08 Aug 2019 17:51
 Operator : HP/JU
 Sample : K3962-15DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 09 02:03:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

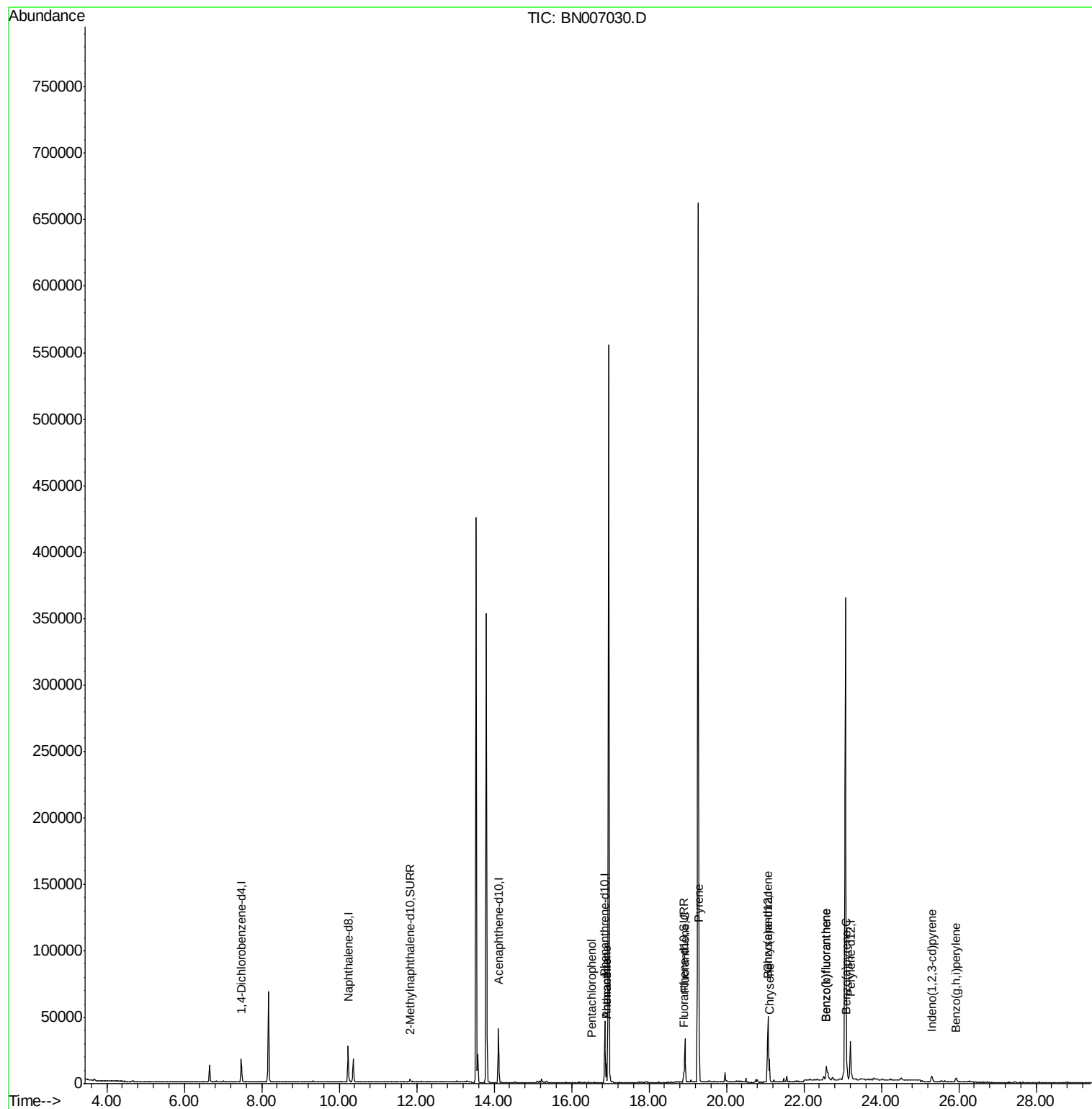
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8820	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	35251	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	22115	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	54821	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	39980	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	35255	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	2893	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	8140	0.05	ng/ul	0.00
Target Compounds				Ovalue		
11) Pentachlorophenol	16.52	266	411	0.027	ng/ul	91
12) Phenanthrene	16.90	178	14939	0.086	ng/ul	99
13) Anthracene	16.90	178	9562	0.054	ng/ul	99
15) Fluoranthene	18.93	202	29323	0.135	ng/ul	98
17) Pyrene	19.29	202	33105	0.185	ng/ul	99
18) Benzo(a)anthracene	21.06	228	17026	0.097	ng/ul	94
19) Chrysene	21.11	228	17514	0.106	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	21556	0.151	ng/ul	90
22) Benzo(k)fluoranthene	22.58	252	21556	0.156	ng/ul#	90
23) Benzo(a)pyrene	23.11	252	12010	0.089	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.30	276	6906	0.048	ng/ul#	99
26) Benzo(g,h,i)perylene	25.93	276	7025	0.058	ng/ul	93

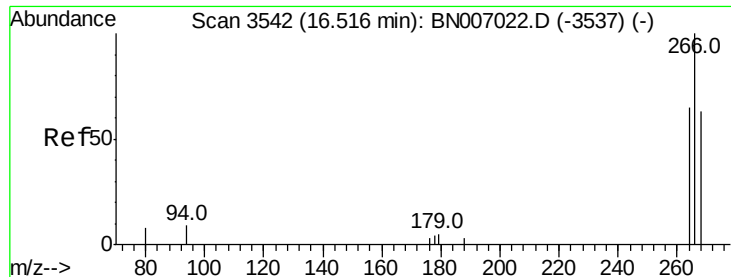
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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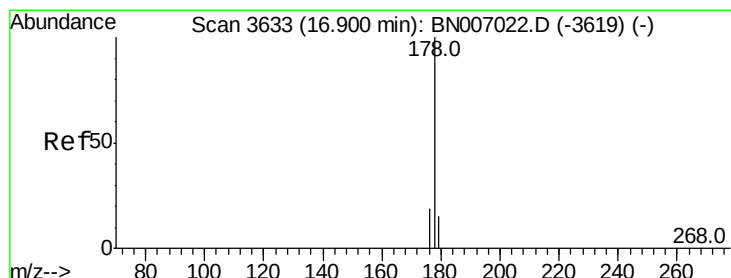
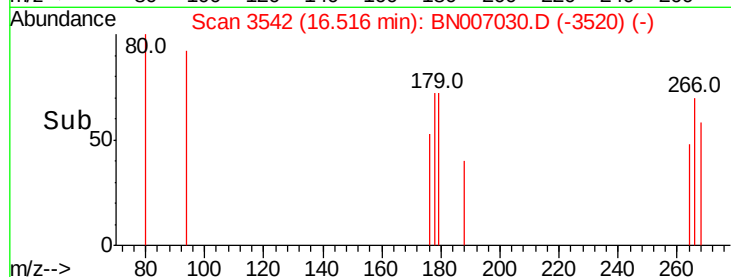
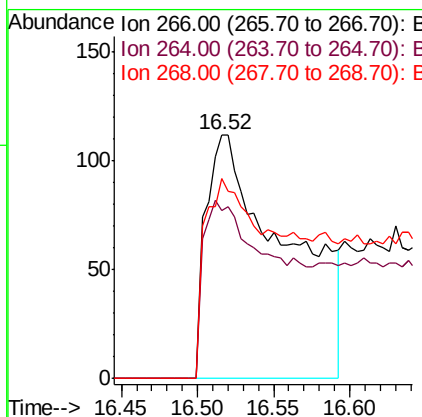
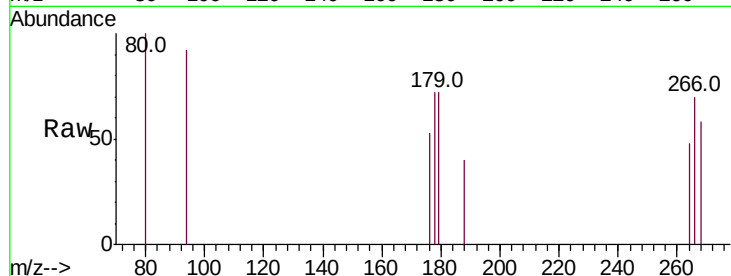




#11
 Pentachlorophenol
 Concen: 0.027 ng/ul
 RT: 16.52 min Scan# 3542
 Delta R.T. 0.00 min
 Lab File: BN007030.D
 Acq: 08 Aug 2019 17:51

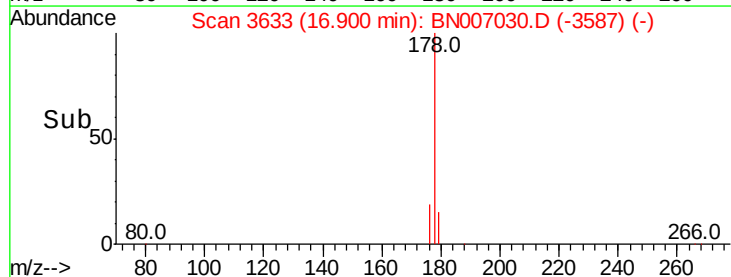
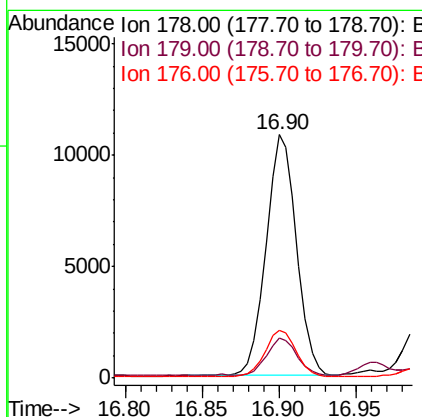
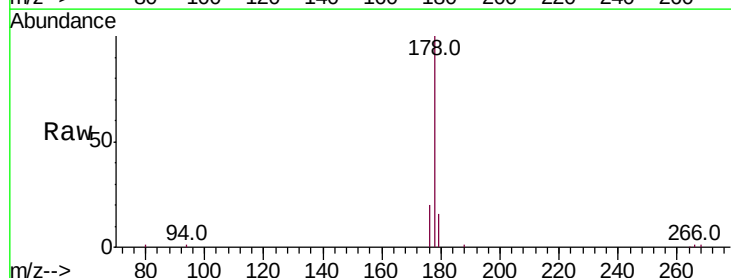
Instrument :
 BNA_N
 ClientSampleId :

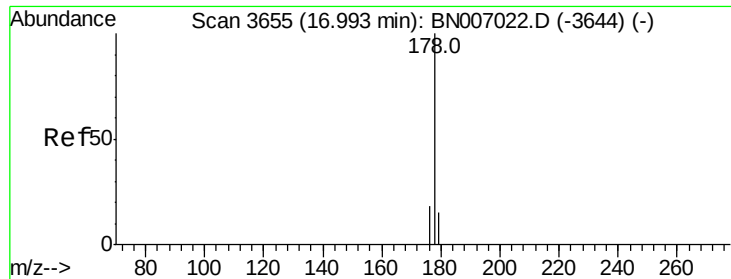
Tot Ion:266 Resp: 411
 Ion Ratio Lower Upper
 266 100
 264 82.7 55.7 83.5
 268 97.1 75.2 112.8



#12
 Phenanthrene
 Concen: 0.086 ng/ul
 RT: 16.90 min Scan# 3633
 Delta R.T. -0.00 min
 Lab File: BN007030.D
 Acq: 08 Aug 2019 17:51

Tgt Ion:178 Resp: 14939
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.5 18.7
 176 19.8 15.6 23.4





#13

Anthracene

Concen: 0.054 ng/ul

RT: 16.90 min Scan# 3633

Delta R.T. -0.09 min

Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

Instrument :

BNA_N

ClientSampleId :

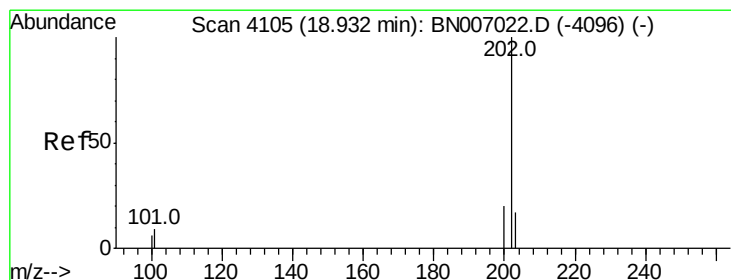
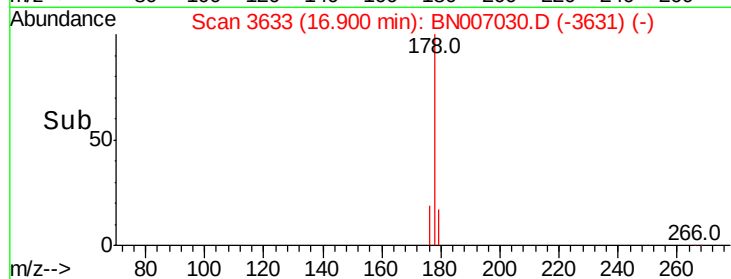
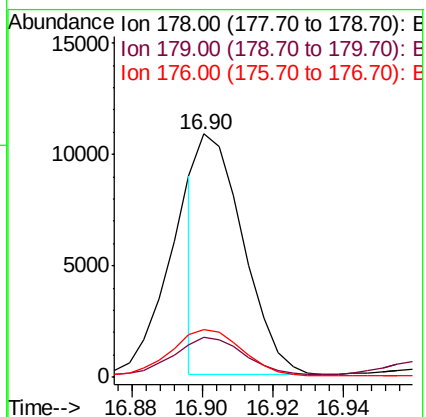
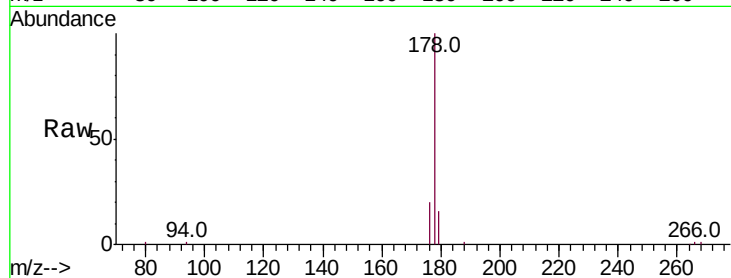
Tot Ion:178 Resp: 9562

Ion Ratio Lower Upper

178 100

179 16.3 12.6 18.8

176 19.8 15.4 23.0



#15

Fluoranthene

Concen: 0.135 ng/ul

RT: 18.93 min Scan# 4105

Delta R.T. -0.00 min

Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

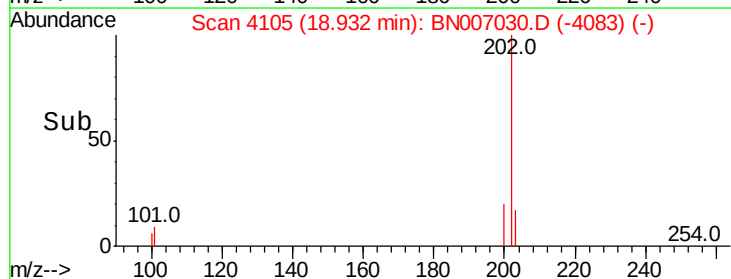
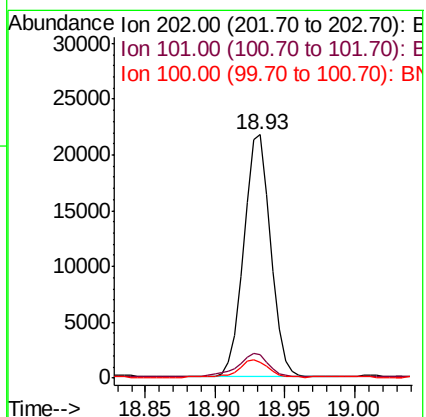
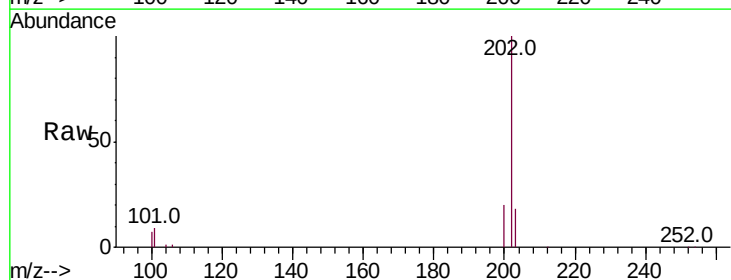
Tgt Ion:202 Resp: 29323

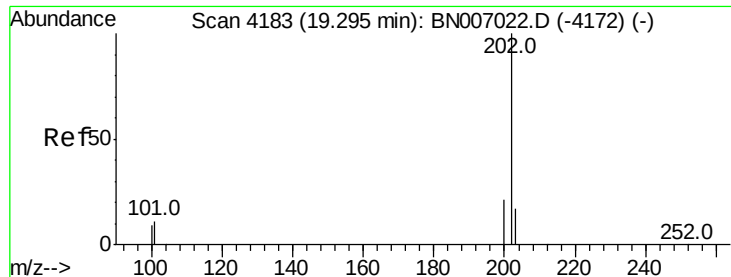
Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.0

100 6.7 0.0 27.7

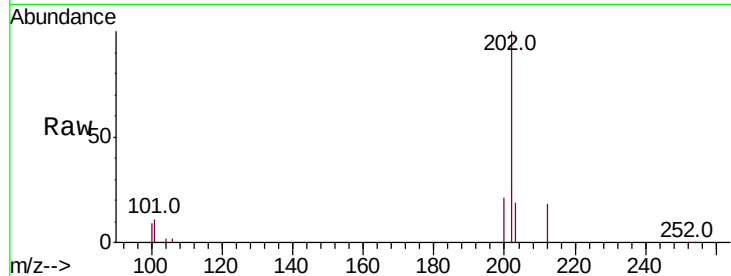




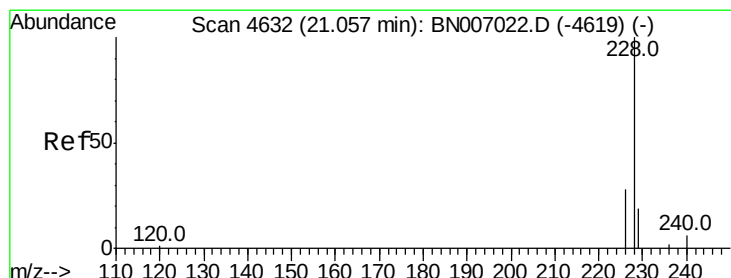
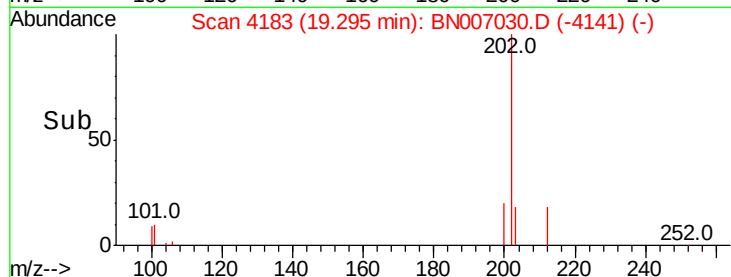
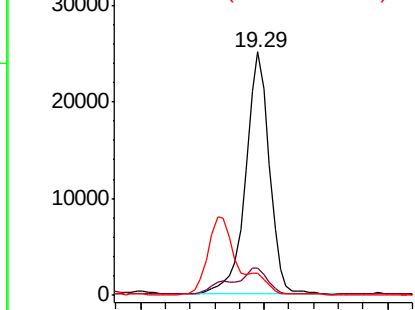
#17
Pvrene
Concen: 0.185 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN007030.D
Acq: 08 Aug 2019 17:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 33105
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
100 9.3 7.3 10.9

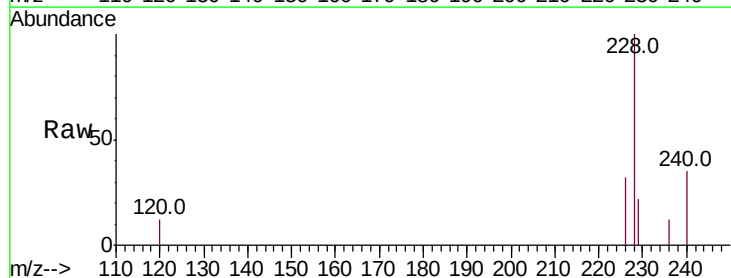


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

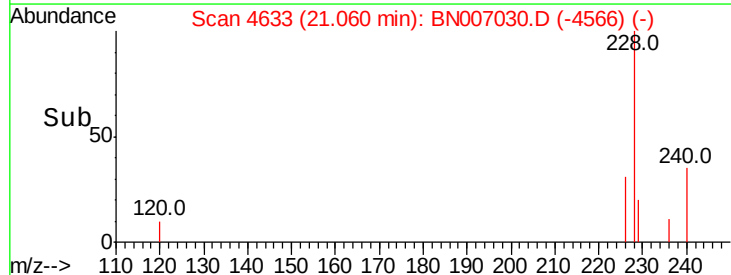
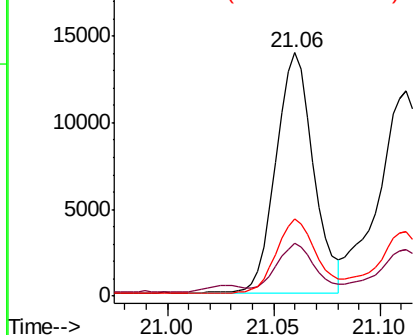


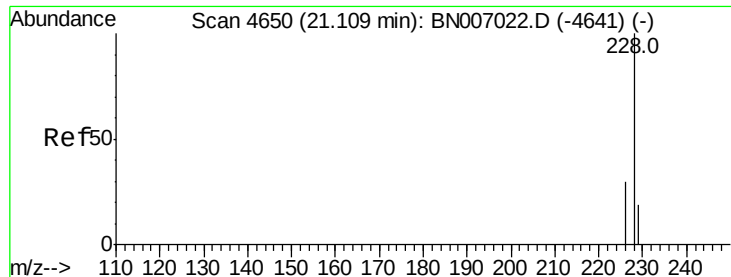
#18
Benzo(a)anthracene
Concen: 0.097 ng/ul
RT: 21.06 min Scan# 4633
Delta R.T. -0.00 min
Lab File: BN007030.D
Acq: 08 Aug 2019 17:51

Tgt Ion:228 Resp: 17026
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 31.6 22.2 33.4



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: 0.106 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

Instrument :

BNA_N

ClientSampleId :

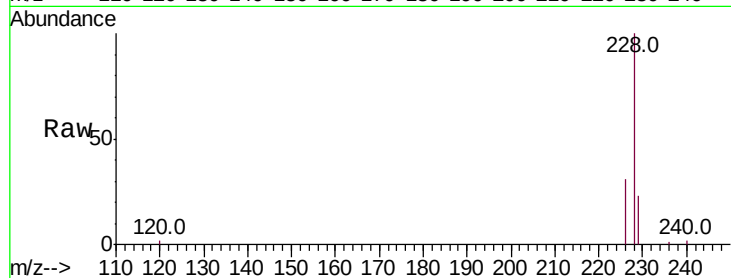
Tot Ion:228 Resp: 17514

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

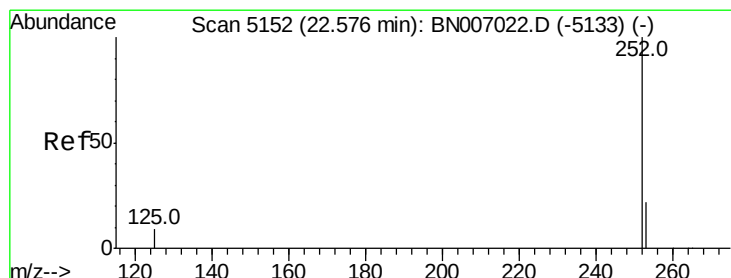
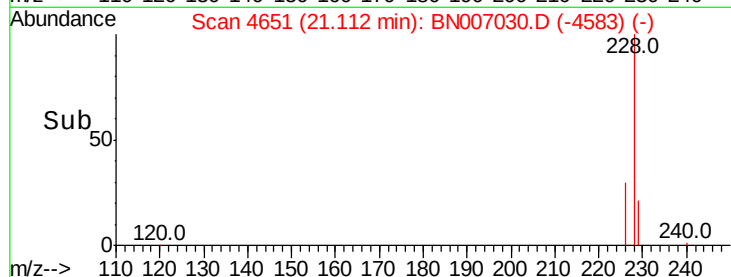
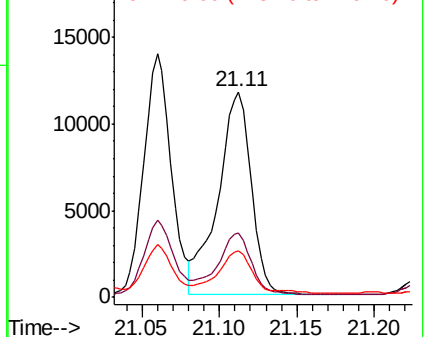
229 23.0 15.5 23.3



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: 0.151 ng/ul

RT: 22.58 min Scan# 5153

Delta R.T. -0.00 min

Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

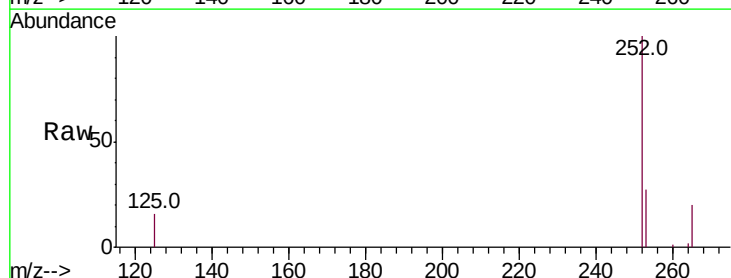
Tgt Ion:252 Resp: 21556

Ion Ratio Lower Upper

252 100

253 27.2 0.0 45.2

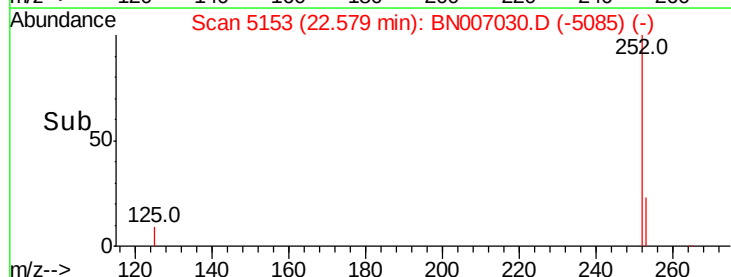
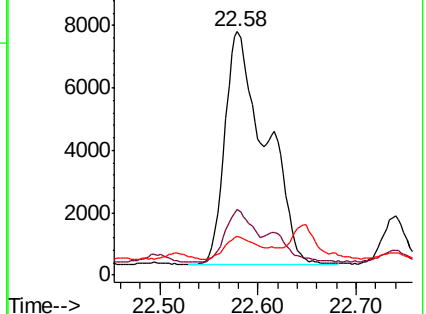
125 15.8 0.0 22.2

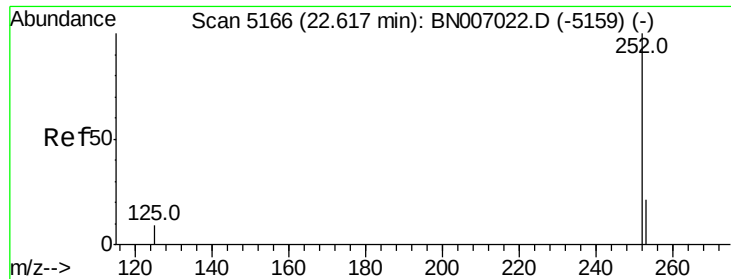


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.156 ng/ul

RT: 22.58 min Scan# 5153

Delta R.T. -0.05 min

Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

Instrument :

BNA_N

ClientSampleId :

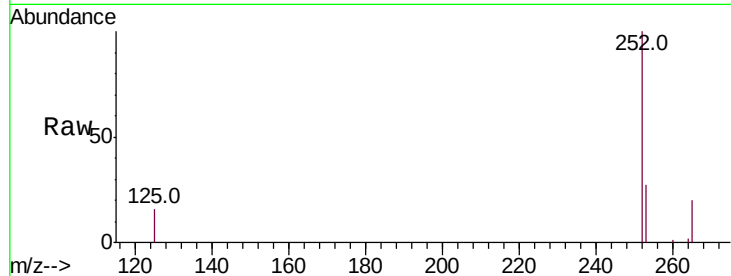
Tot Ion:252 Resp: 21556

Ion Ratio Lower Upper

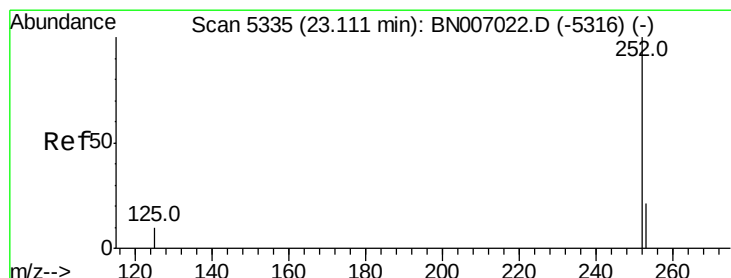
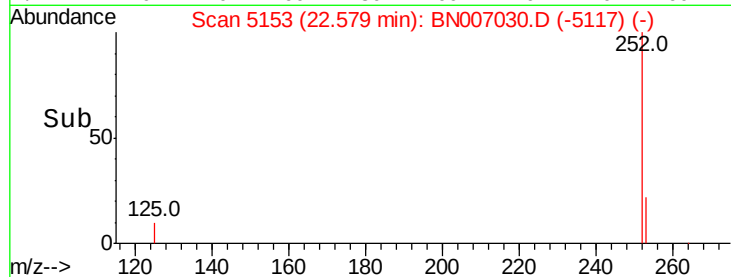
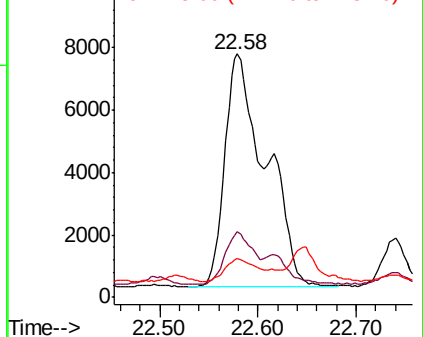
252 100

253 27.2 18.6 28.0

125 15.8 8.7 13.1#



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: 0.089 ng/ul

RT: 23.11 min Scan# 5336

Delta R.T. -0.00 min

Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

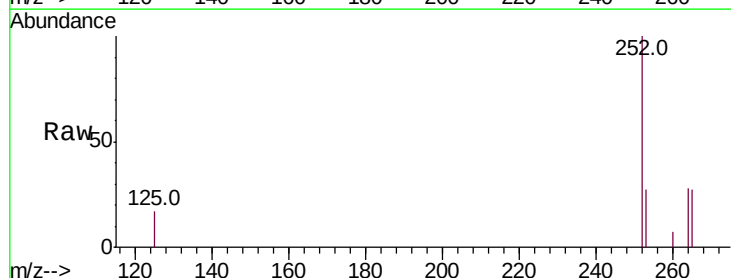
Tgt Ion:252 Resp: 12010

Ion Ratio Lower Upper

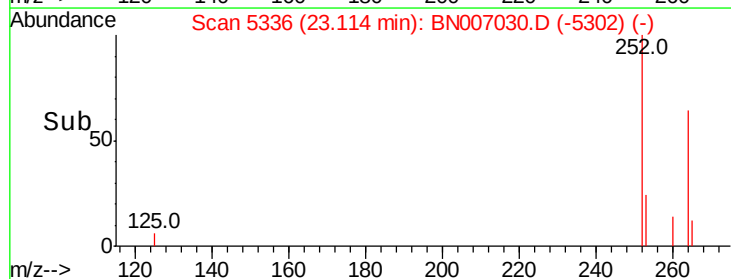
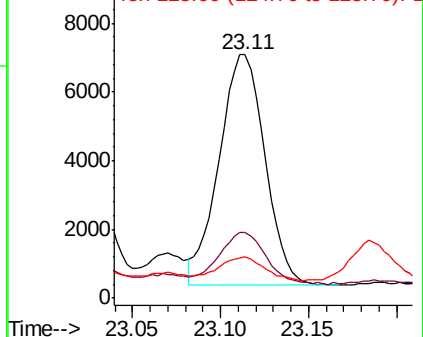
252 100

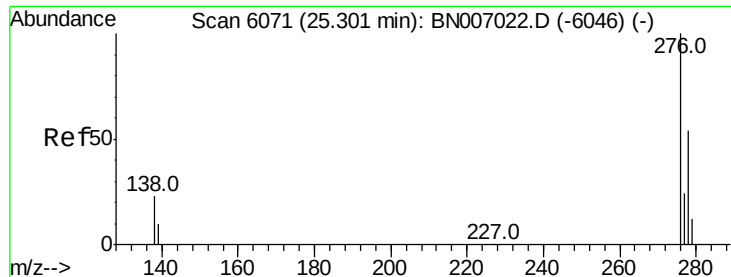
253 27.2 18.0 27.0#

125 16.9 10.0 15.0#



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

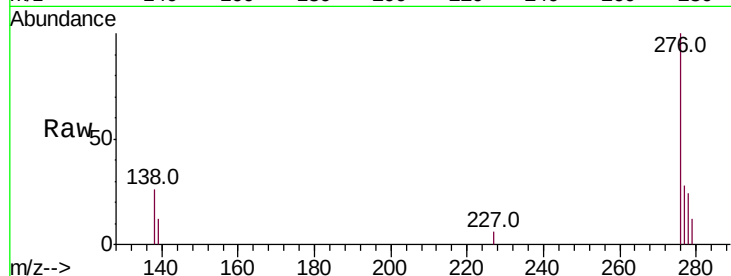




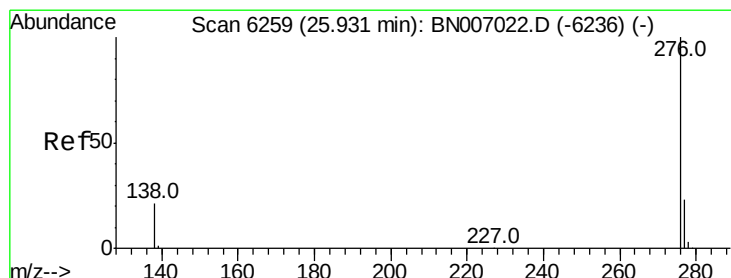
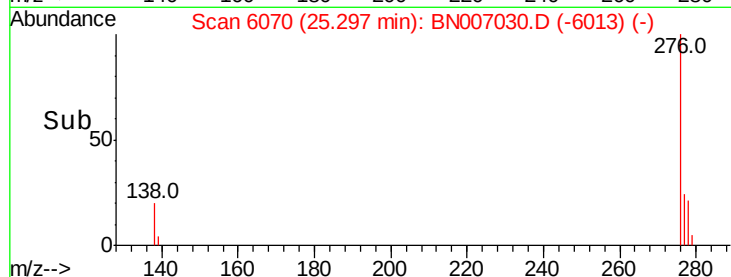
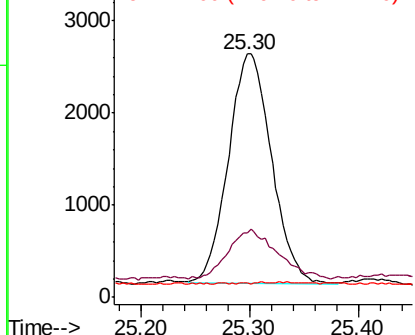
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.048 ng/ul
 RT: 25.30 min Scan# 6070
 Delta R.T. -0.01 min
 Lab File: BN007030.D
 Acq: 08 Aug 2019 17:51

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 6906
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.9 29.9
 227 0.2 0.2 0.4#

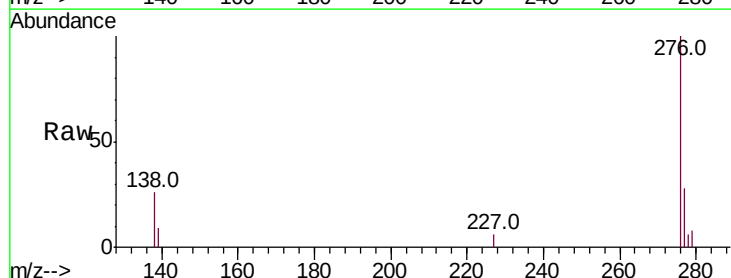


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E



#26
 Benzo(g,h,i)perylene
 Concen: 0.058 ng/ul
 RT: 25.93 min Scan# 6259
 Delta R.T. -0.01 min
 Lab File: BN007030.D
 Acq: 08 Aug 2019 17:51

Tgt Ion:276 Resp: 7025
 Ion Ratio Lower Upper
 276 100
 138 26.4 18.7 28.1
 277 28.1 19.3 28.9



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

