

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002485.D
 Acq On : 24 Aug 2018 02:36
 Operator : JU/SJ
 Sample : J4421-10DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 24 04:18:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 02:20:09 2018
 Response via : Initial Calibration

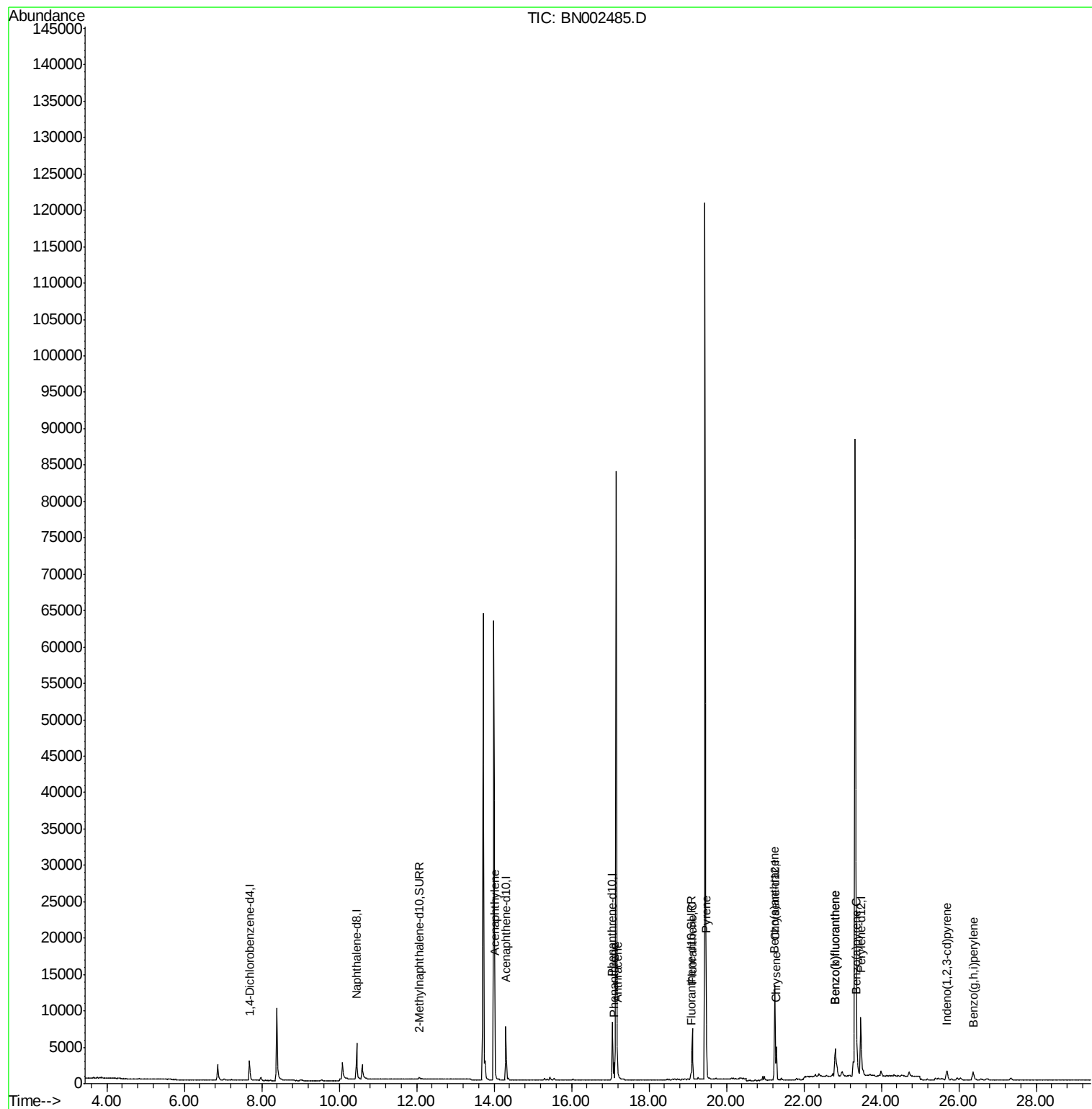
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1656	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	6940	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	3987	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	9706	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10526	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	10829	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	474	0.04	ng/ul	0.02
14) Fluoranthene-d10	19.09	212	1370	0.05	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.02	152	659	0.035	ng/ul#	81
12) Phenanthrene	17.09	178	2585	0.090	ng/ul#	90
13) Anthracene	17.19	178	565	0.023	ng/ul#	80
15) Fluoranthene	19.12	202	6351	0.188	ng/ul	96
17) Pyrene	19.48	202	7386	0.206	ng/ul	97
18) Benzo(a)anthracene	21.24	228	3684	0.117	ng/ul#	87
19) Chrysene	21.29	228	4566	0.128	ng/ul	97
21) Benzo(b)fluoranthene	22.81	252	7650	0.197	ng/ul	91
22) Benzo(k)fluoranthene	22.81	252	7650	0.190	ng/ul#	89
23) Benzo(a)pyrene	23.37	252	3908	0.107	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.70	276	2125	0.056	ng/ul#	79
26) Benzo(g,h,i)perylene	26.37	276	2367	0.072	ng/ul	96

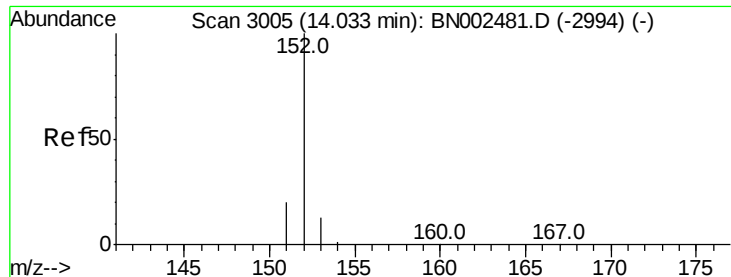
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 24 02:20:09 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.02 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BN002485.D

Acq: 24 Aug 2018 02:36

Instrument :

BNA_N

ClientSampled :

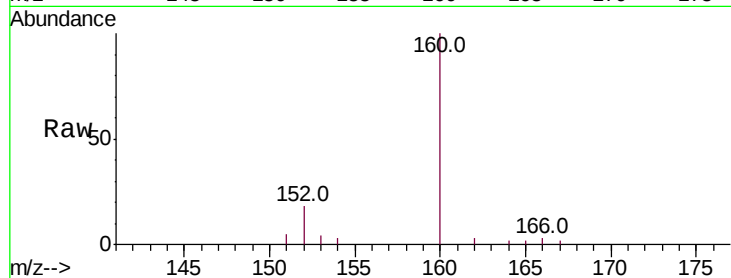
Tot Ion:152 Resp: 659

Ion Ratio Lower Upper

152 100

151 30.2 17.1 25.7#

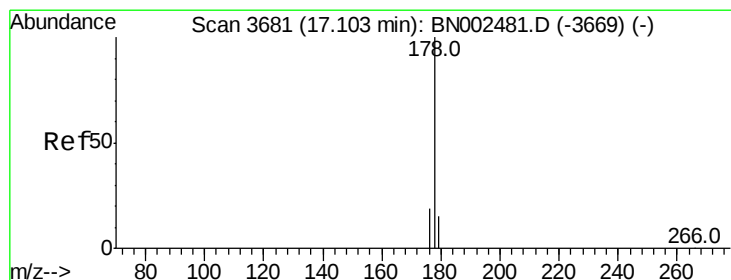
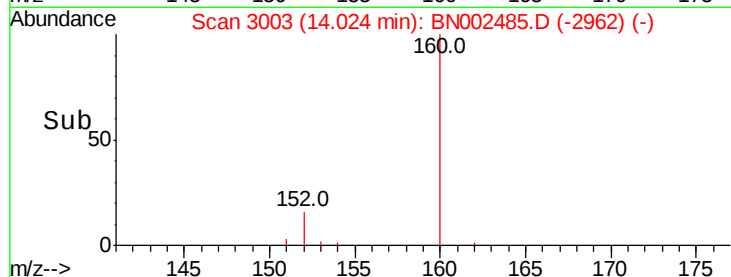
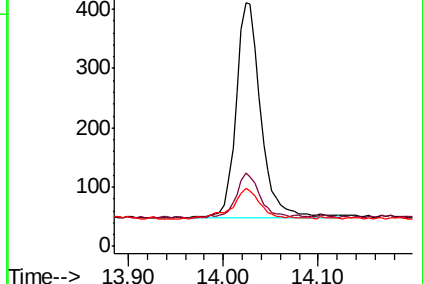
153 24.1 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.090 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BN002485.D

Acq: 24 Aug 2018 02:36

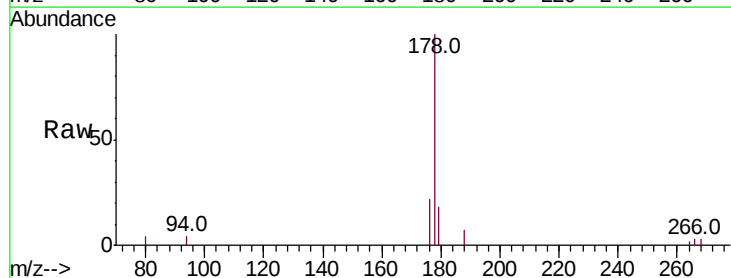
Tgt Ion:178 Resp: 2585

Ion Ratio Lower Upper

178 100

179 18.3 18.4 27.6#

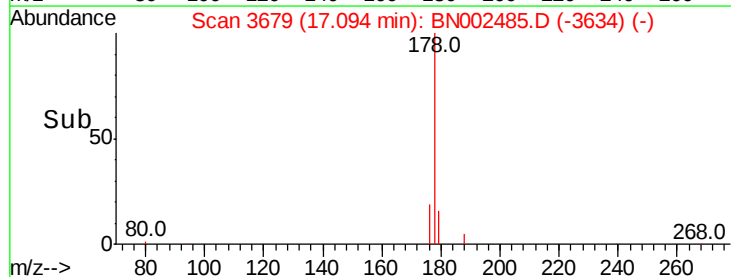
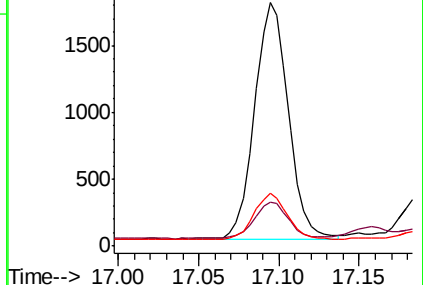
176 21.6 13.6 20.4#

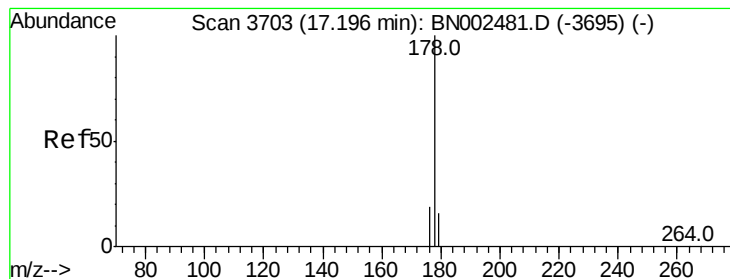


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.023 ng/ul

RT: 17.19 min Scan# 3701

Delta R.T. -0.01 min

Lab File: BN002485.D

Acq: 24 Aug 2018 02:36

Instrument :

BNA_N

ClientSampleId :

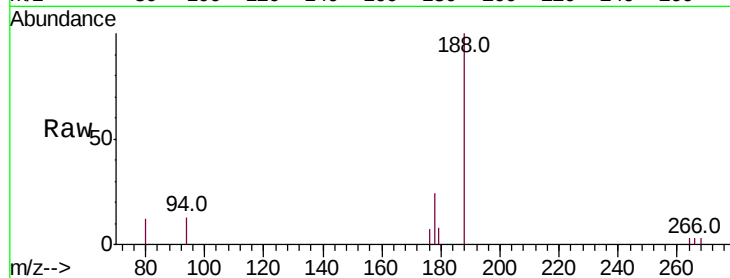
Tot Ion:178 Resp: 565

Ion Ratio Lower Upper

178 100

179 32.5 18.1 27.1#

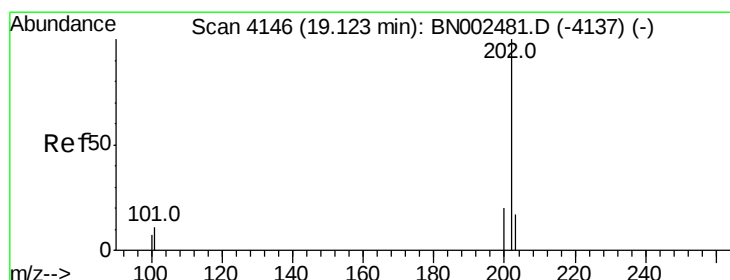
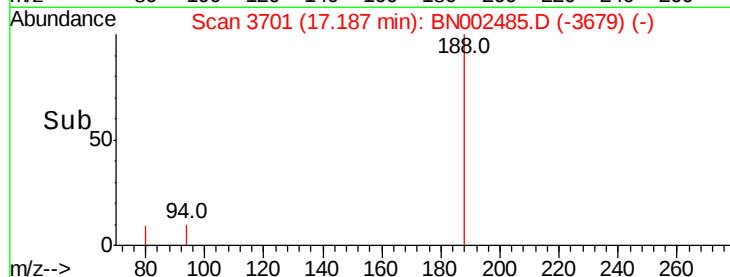
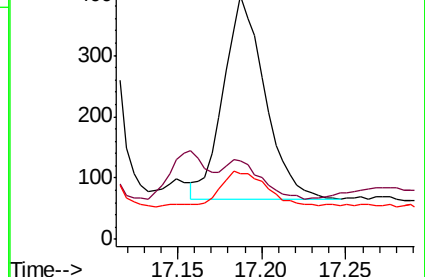
176 27.2 14.7 22.1#



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: 0.188 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN002485.D

Acq: 24 Aug 2018 02:36

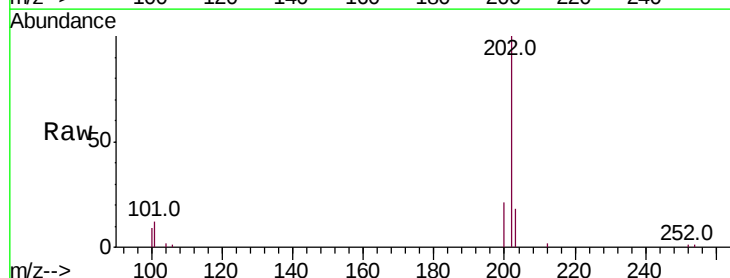
Tgt Ion:202 Resp: 6351

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.0

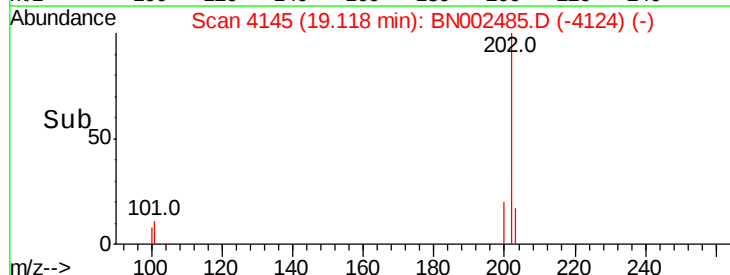
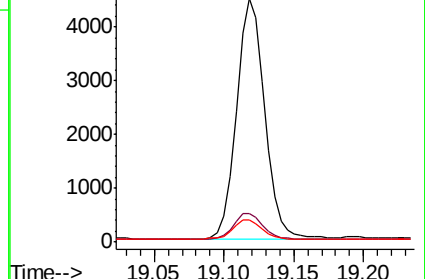
100 9.3 0.0 30.0

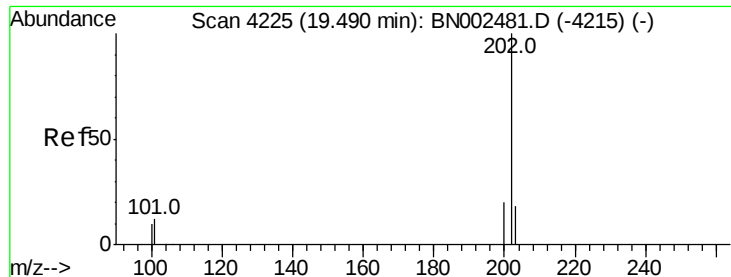


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

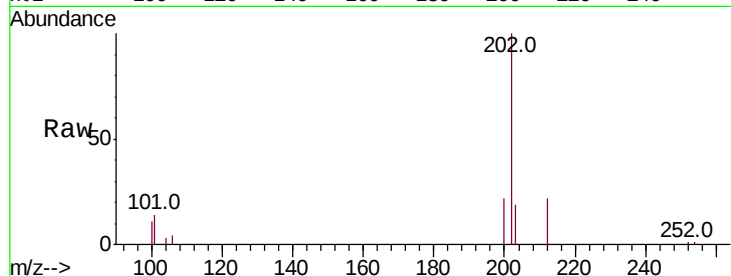




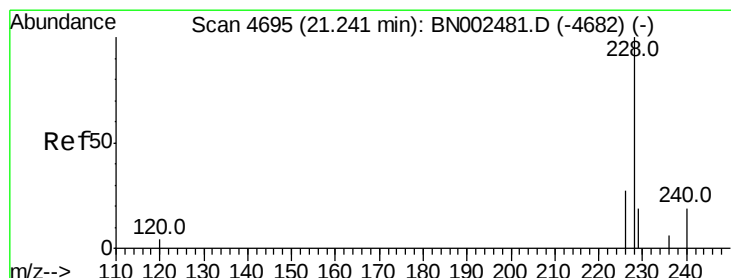
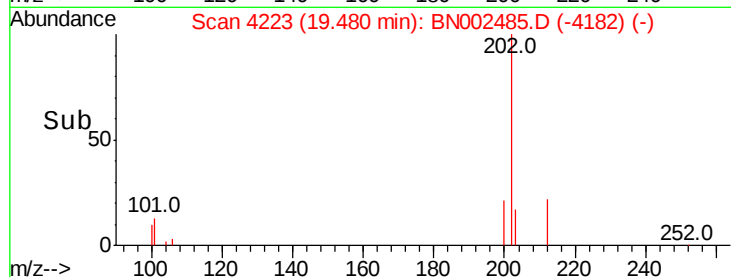
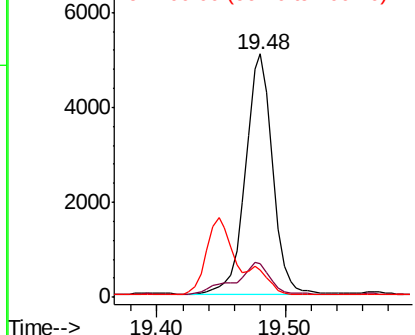
#17
Pvrene
Concen: 0.206 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BN002485.D
Acq: 24 Aug 2018 02:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 7386
Ion Ratio Lower Upper
202 100
101 14.0 12.0 18.0
100 11.2 8.0 12.0

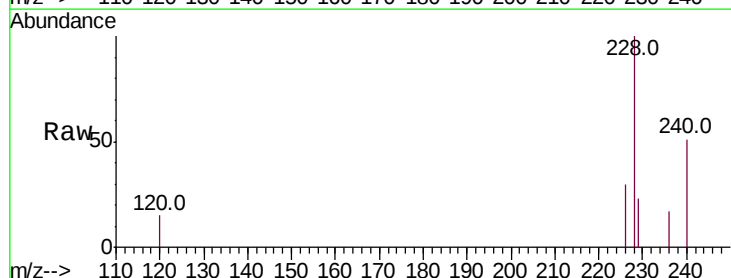


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

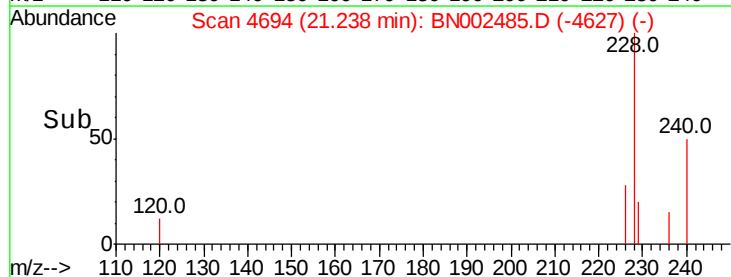
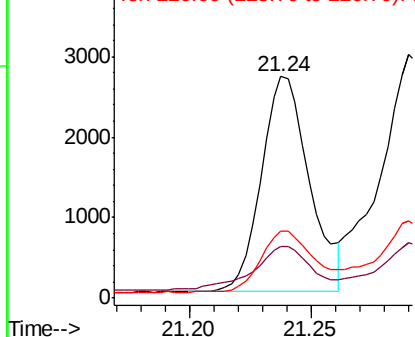


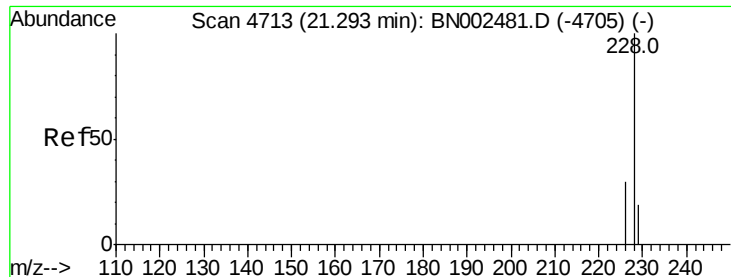
#18
Benzo(a)anthracene
Concen: 0.117 ng/ul
RT: 21.24 min Scan# 4694
Delta R.T. -0.00 min
Lab File: BN002485.D
Acq: 24 Aug 2018 02:36

Tgt Ion:228 Resp: 3684
Ion Ratio Lower Upper
228 100
229 23.5 22.8 34.2
226 30.1 17.0 25.6#



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: 0.128 ng/ul

RT: 21.29 min Scan# 4712

Delta R.T. -0.00 min

Lab File: BN002485.D

Acq: 24 Aug 2018 02:36

Instrument :

BNA_N

ClientSampleId :

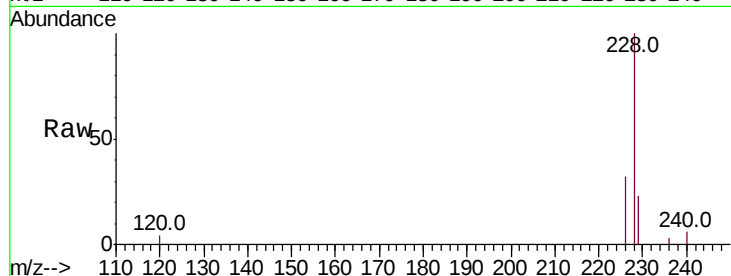
Tot Ion:228 Resp: 4566

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

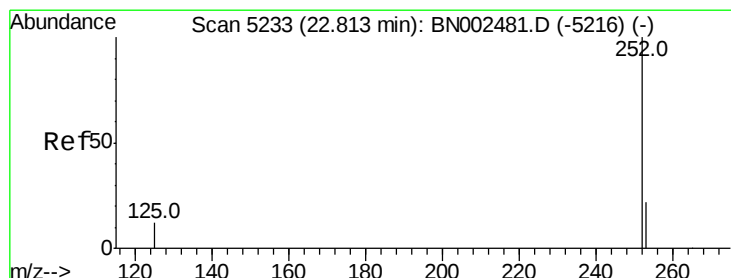
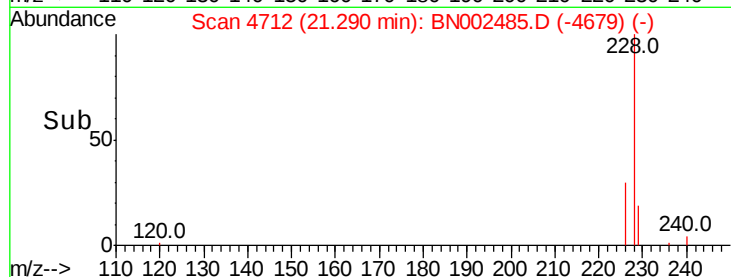
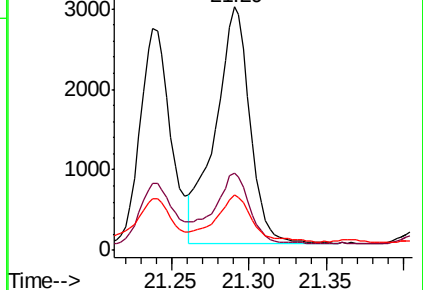
229 22.7 17.7 26.5



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: 0.197 ng/ul

RT: 22.81 min Scan# 5233

Delta R.T. -0.00 min

Lab File: BN002485.D

Acq: 24 Aug 2018 02:36

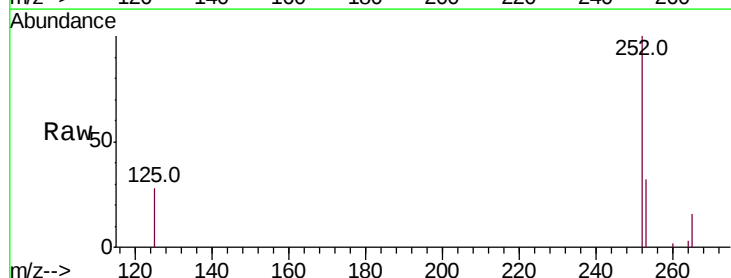
Tgt Ion:252 Resp: 7650

Ion Ratio Lower Upper

252 100

253 32.2 0.0 64.2

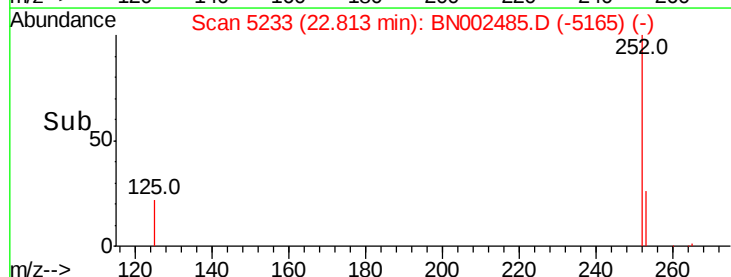
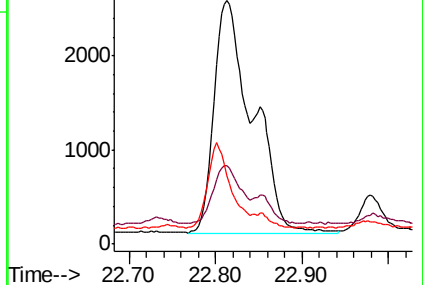
125 28.3 0.0 35.0

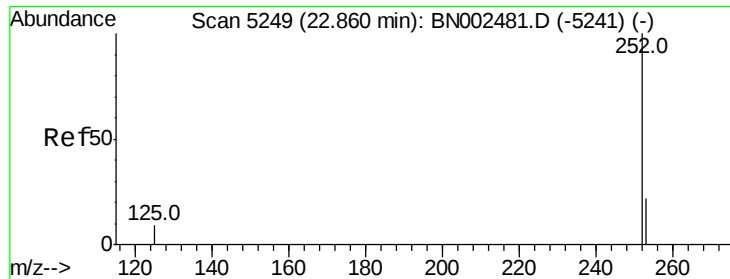


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.190 ng/u1

RT: 22.81 min Scan# 5233

Delta R.T. -0.05 min

Lab File: BN002485.D

Acq: 24 Aug 2018 02:36

Instrument :

BNA_N

ClientSampleId :

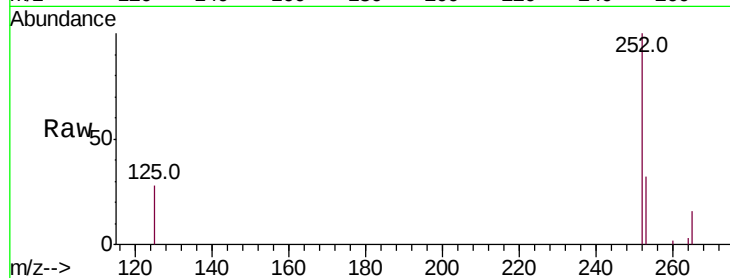
Tot Ion:252 Resp: 7650

Ion Ratio Lower Upper

252 100

253 32.2 24.5 36.7

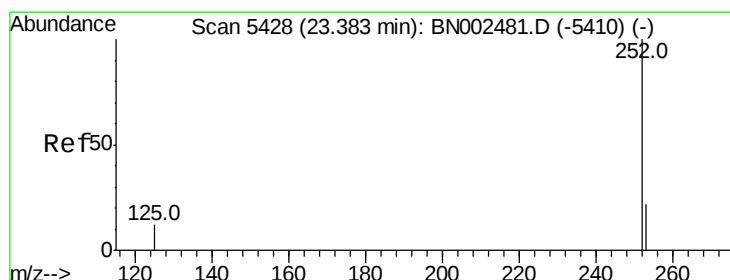
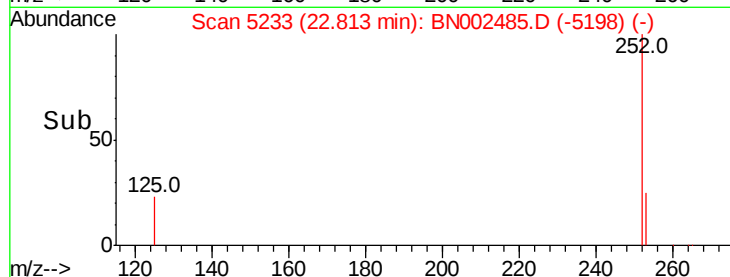
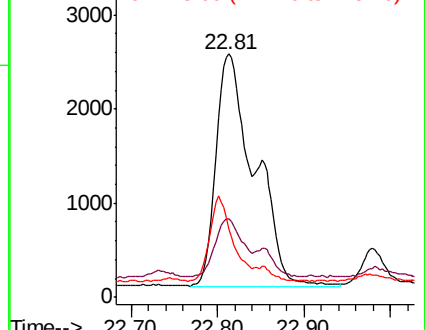
125 28.3 13.7 20.5#



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: 0.107 ng/u1

RT: 23.37 min Scan# 5425

Delta R.T. -0.01 min

Lab File: BN002485.D

Acq: 24 Aug 2018 02:36

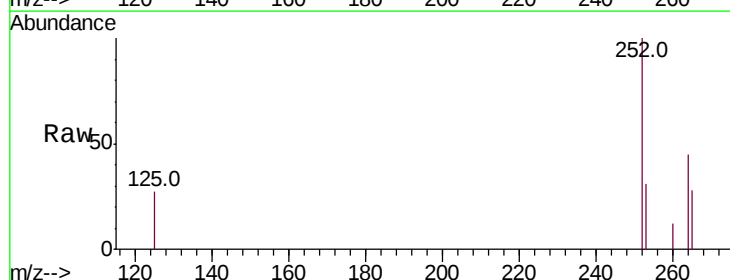
Tgt Ion:252 Resp: 3908

Ion Ratio Lower Upper

252 100

253 31.4 16.0 24.0#

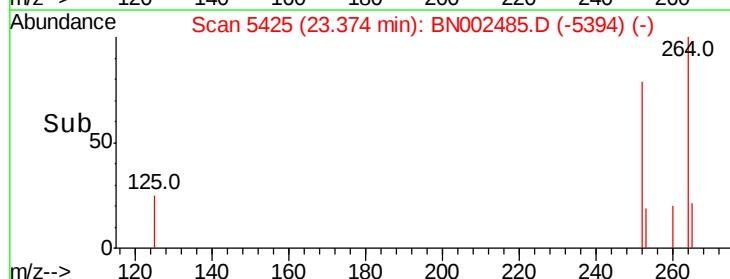
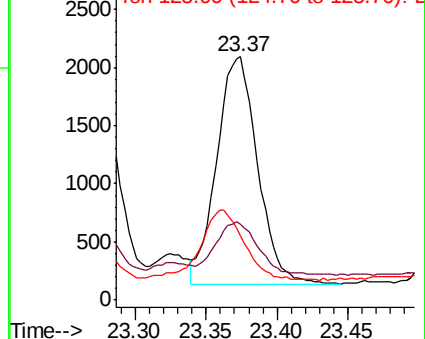
125 26.6 12.0 18.0#

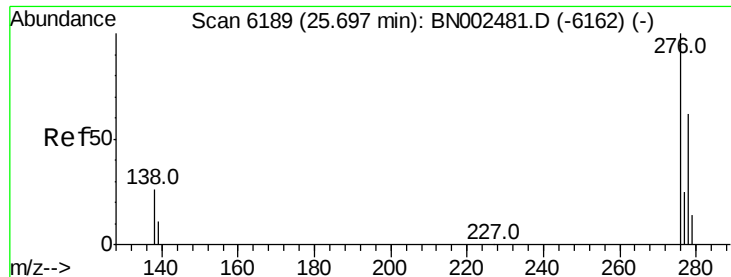


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



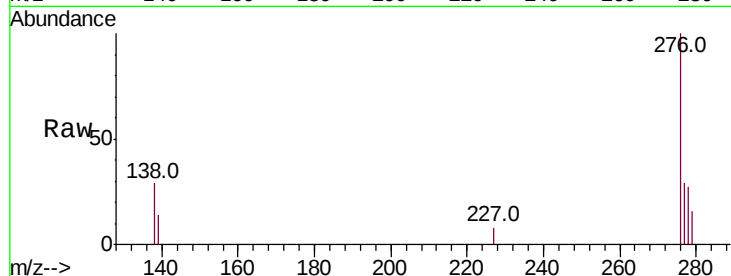


#24

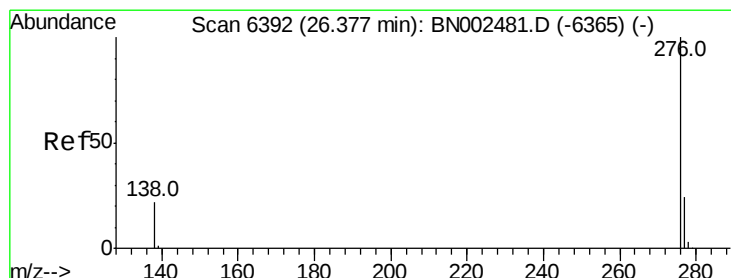
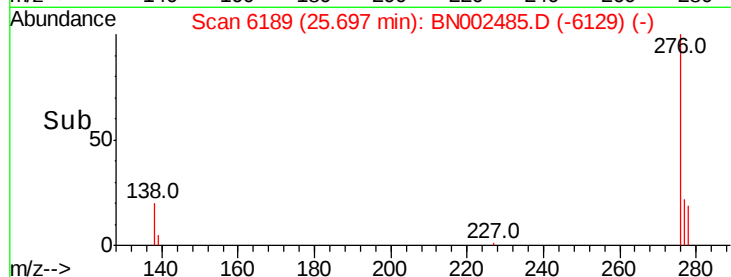
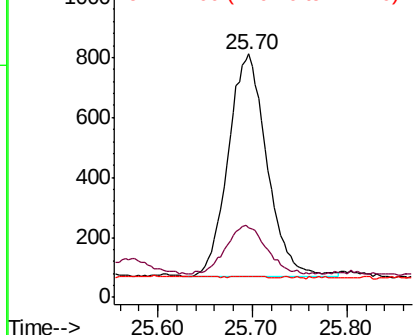
Indeno(1,2,3-cd)pyrene
Concen: 0.056 ng/ul
RT: 25.70 min Scan# 6189
Delta R.T. -0.00 min
Lab File: BN002485.D
Acq: 24 Aug 2018 02:36

Instrument :
BNA_N
ClientSampled :

Tot Ion:276 Resp: 2125
Ion Ratio Lower Upper
276 100
138 22.3 28.0 42.0#
227 0.6 0.8 1.2#



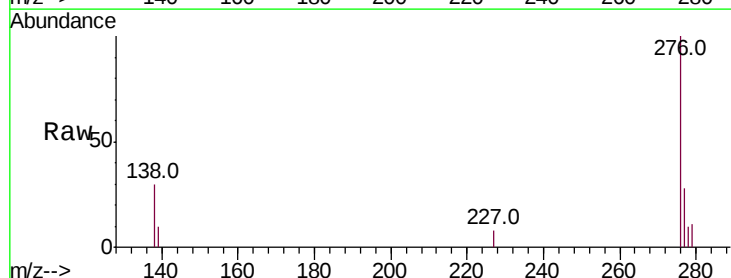
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.072 ng/ul
RT: 26.37 min Scan# 6390
Delta R.T. -0.01 min
Lab File: BN002485.D
Acq: 24 Aug 2018 02:36

Tgt Ion:276 Resp: 2367
Ion Ratio Lower Upper
276 100
138 29.5 21.8 32.8
277 27.7 20.5 30.7



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

