

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002489.D
 Acq On : 24 Aug 2018 04:57
 Operator : JU/SJ
 Sample : J4424-11DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 24 06:37:16 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	1532	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	6389	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	3619	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	8791	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10148	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	10696	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	420	0.04	ng/ul	0.02
14) Fluoranthene-d10	19.09	212	1150	0.04	ng/ul	0.00

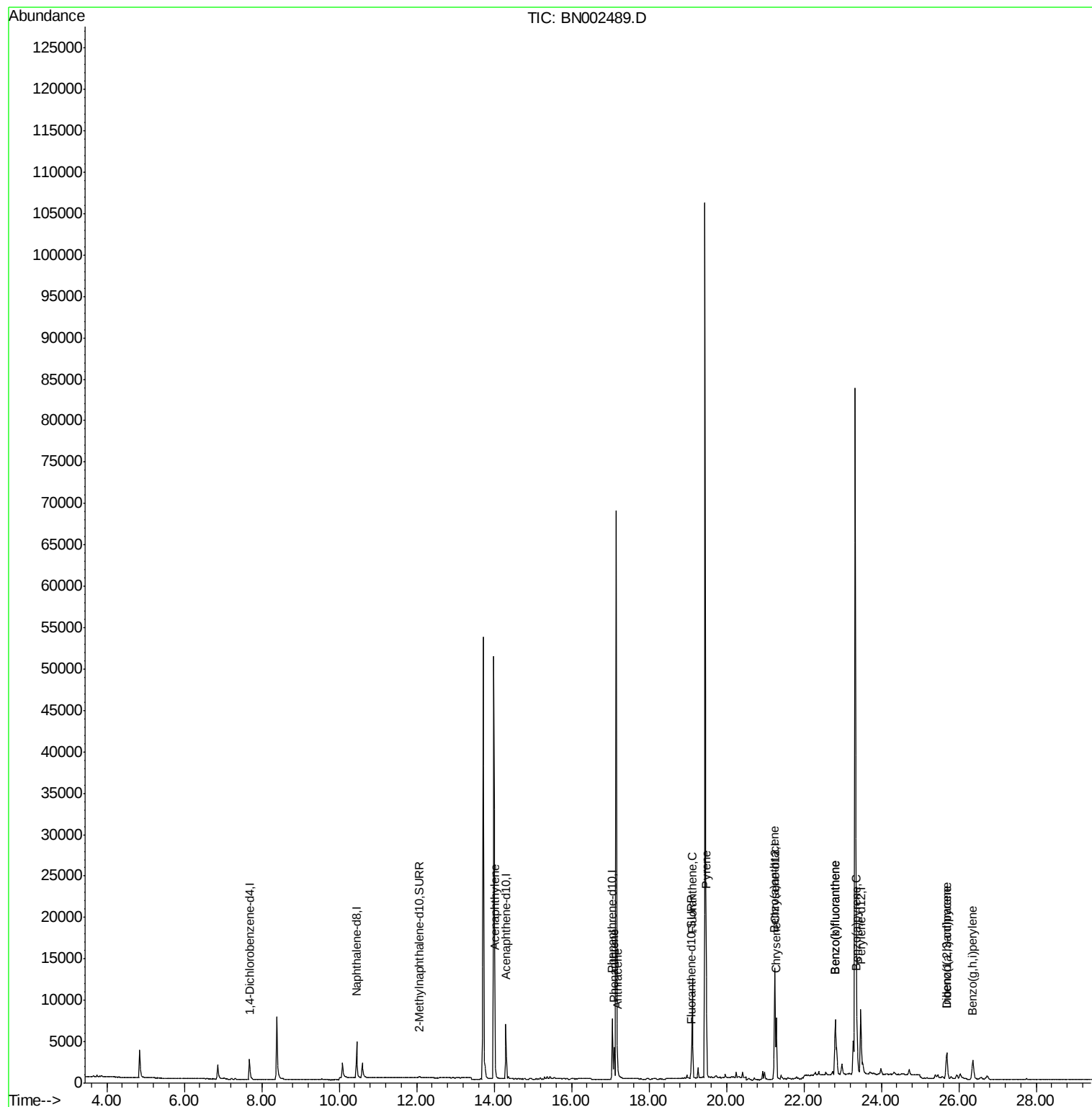
Target Compounds				Ovalue		
7) Acenaphthylene	14.02	152	1571	0.093	ng/ul	96
12) Phenanthrene	17.09	178	4192	0.161	ng/ul#	89
13) Anthracene	17.19	178	1166	0.052	ng/ul#	93
15) Fluoranthene	19.12	202	10862	0.355	ng/ul	96
17) Pyrene	19.48	202	13077	0.378	ng/ul	96
18) Benzo(a)anthracene	21.24	228	5712	0.188	ng/ul#	84
19) Chrysene	21.29	228	7490	0.218	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	14392	0.375	ng/ul	92
22) Benzo(k)fluoranthene	22.81	252	14392	0.363	ng/ul	94
23) Benzo(a)pyrene	23.37	252	7297	0.202	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.69	276	4977	0.132	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.69	278	1222	0.041	ng/ul#	78
26) Benzo(g,h,i)perylene	26.36	276	4822	0.150	ng/ul	98

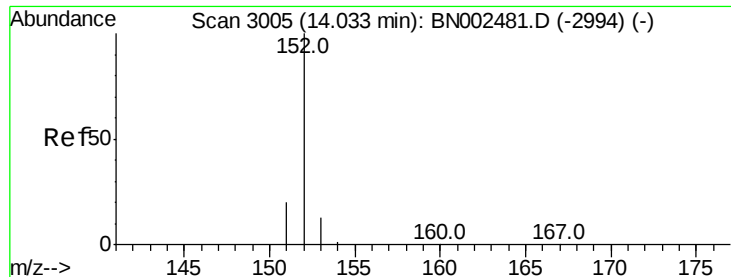
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.093 ng/ul

RT: 14.02 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BN002489.D

Acq: 24 Aug 2018 04:57

Instrument :

BNA_N

ClientSampleId :

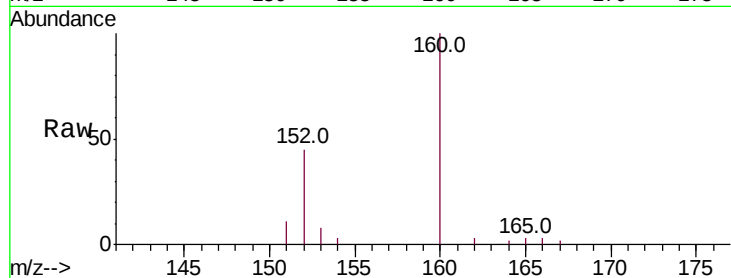
Tot Ion:152 Resp: 1571

Ion Ratio Lower Upper

152 100

151 23.7 17.1 25.7

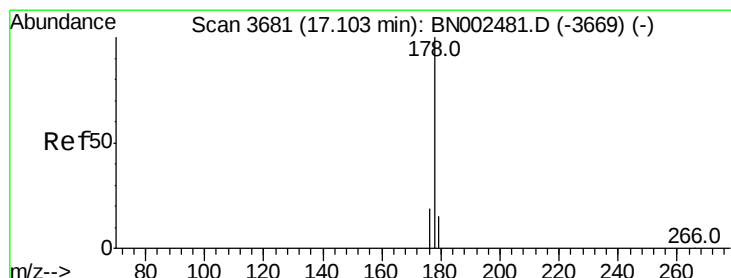
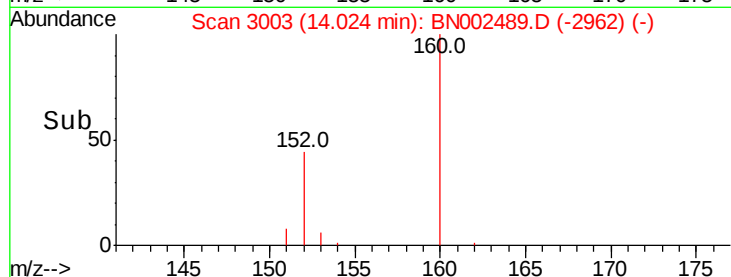
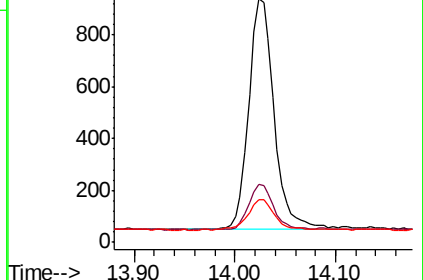
153 17.7 12.8 19.2



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: 0.161 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BN002489.D

Acq: 24 Aug 2018 04:57

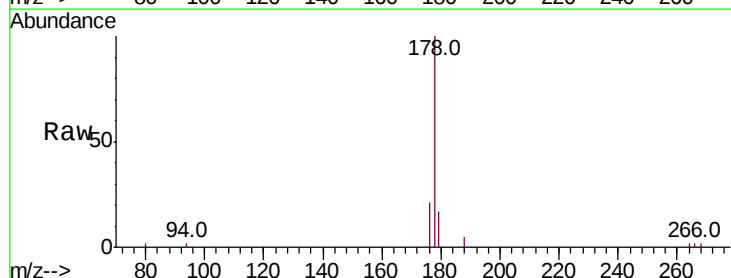
Tgt Ion:178 Resp: 4192

Ion Ratio Lower Upper

178 100

179 16.6 18.4 27.6#

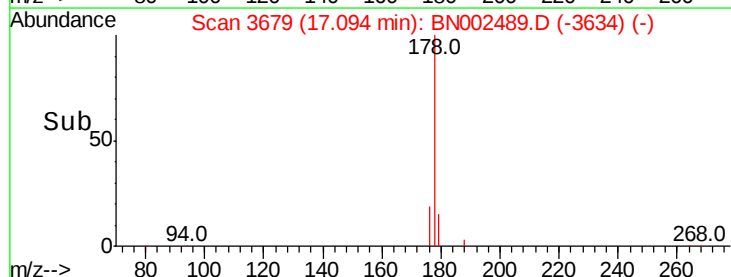
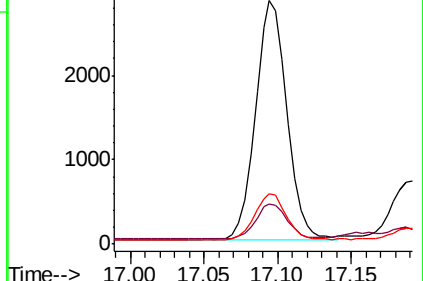
176 20.9 13.6 20.4#

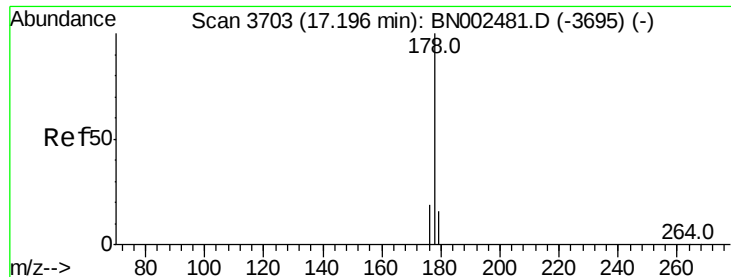


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.052 ng/ul

RT: 17.19 min Scan# 3702

Delta R.T. -0.00 min

Lab File: BN002489.D

Acq: 24 Aug 2018 04:57

Instrument :

BNA_N

ClientSampleId :

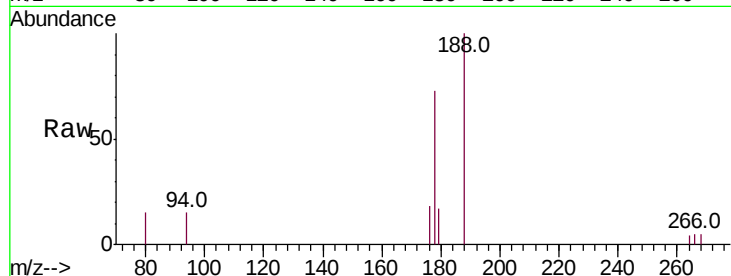
Tot Ion:178 Resp: 1166

Ion Ratio Lower Upper

178 100

179 23.6 18.1 27.1

176 24.3 14.7 22.1#

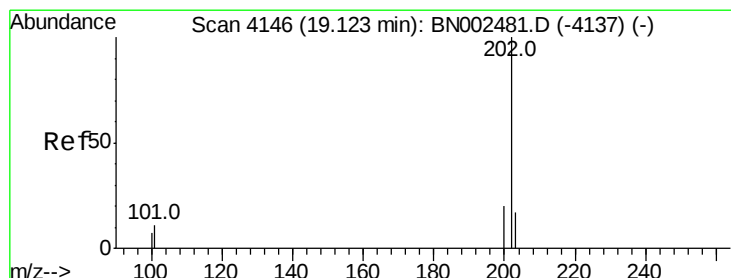
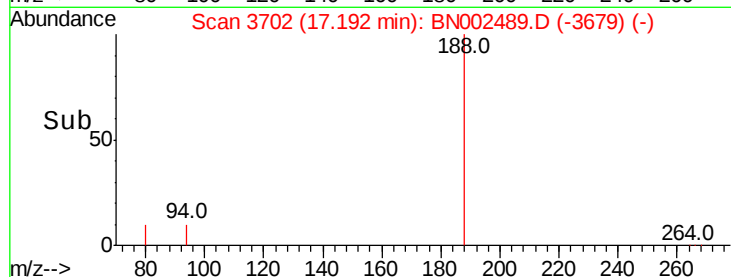
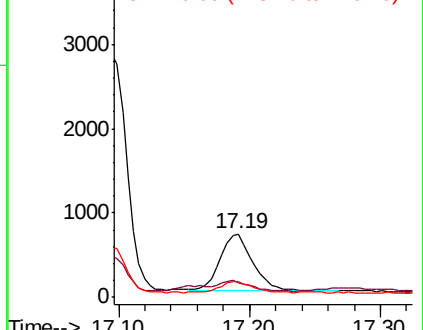


Abundance

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: 0.355 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN002489.D

Acq: 24 Aug 2018 04:57

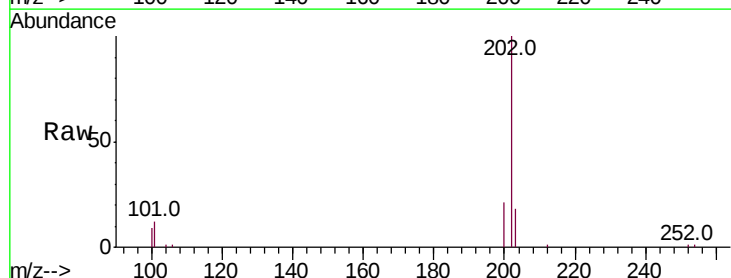
Tgt Ion:202 Resp: 10862

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.0

100 8.8 0.0 30.0

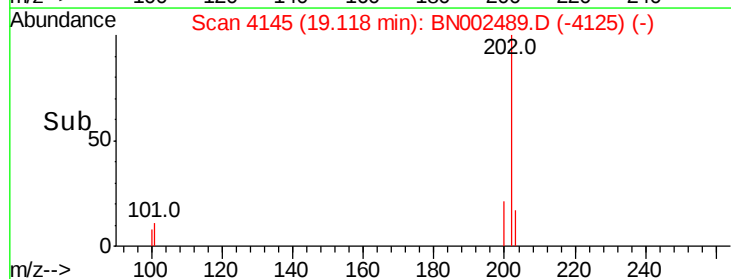
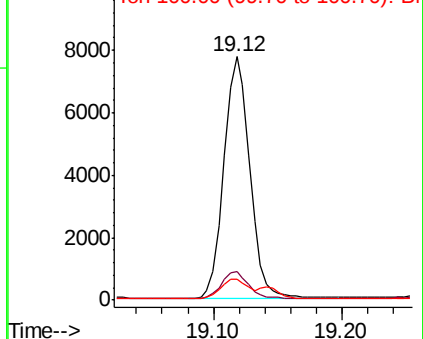


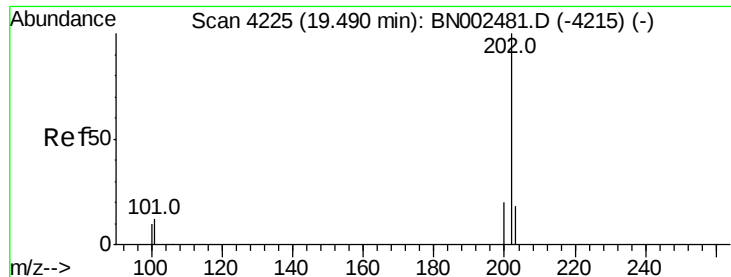
Abundance

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: 0.378 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.01 min

Lab File: BN002489.D

Acq: 24 Aug 2018 04:57

Instrument :

BNA_N

ClientSampleId :

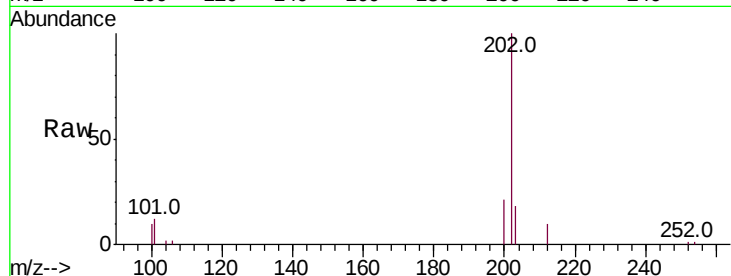
Tot Ion:202 Resp: 13077

Ion Ratio Lower Upper

202 100

101 12.4 12.0 18.0

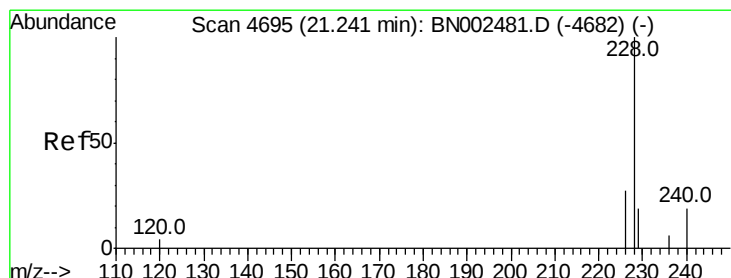
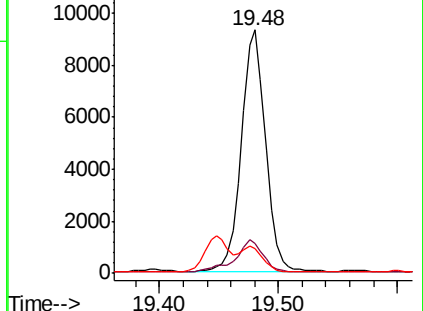
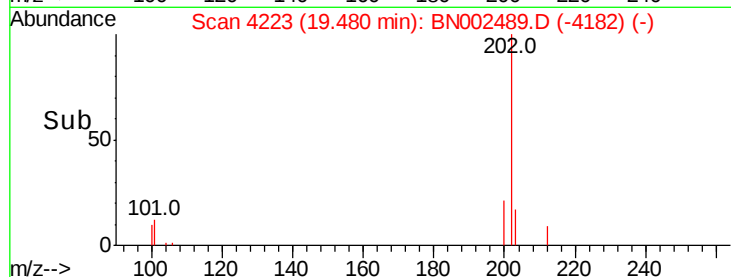
100 10.3 8.0 12.0



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: 0.188 ng/ul

RT: 21.24 min Scan# 4694

Delta R.T. -0.00 min

Lab File: BN002489.D

Acq: 24 Aug 2018 04:57

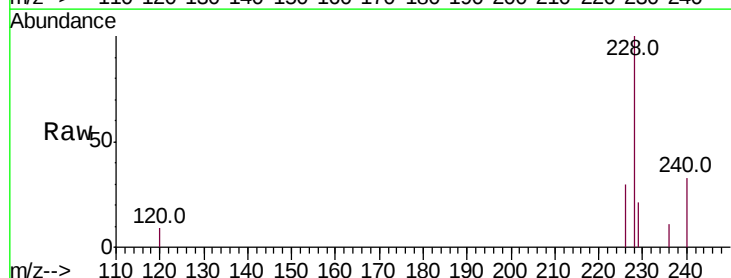
Tgt Ion:228 Resp: 5712

Ion Ratio Lower Upper

228 100

229 21.1 22.8 34.2#

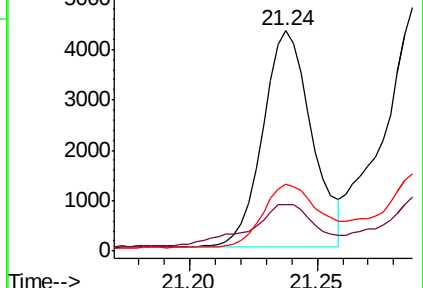
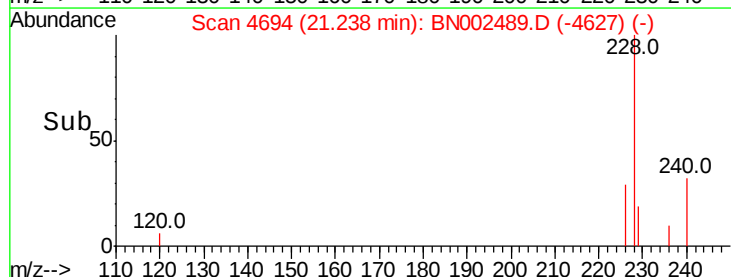
226 30.2 17.0 25.6#

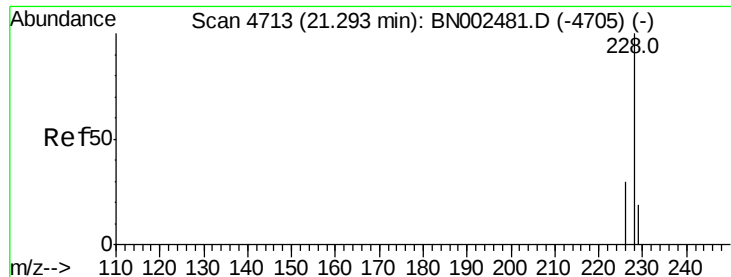


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.218 ng/ul

RT: 21.29 min Scan# 4712

Delta R.T. -0.00 min

Lab File: BN002489.D

Acq: 24 Aug 2018 04:57

Instrument :

BNA_N

ClientSampleId :

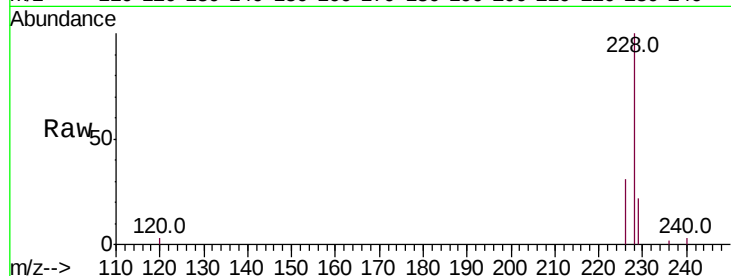
Tot Ion:228 Resp: 7490

Ion Ratio Lower Upper

228 100

226 31.3 23.4 35.0

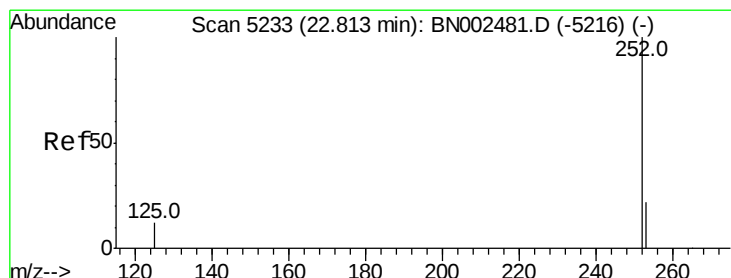
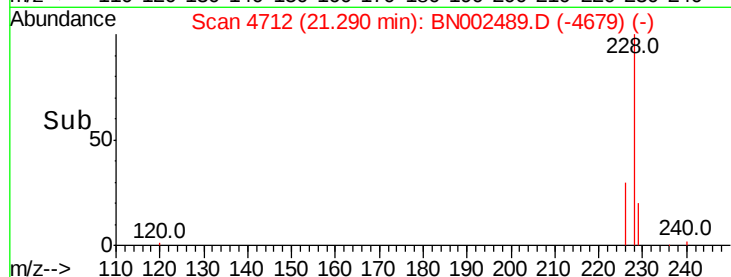
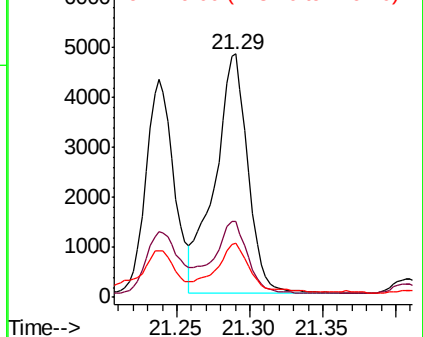
229 22.0 17.7 26.5



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: 0.375 ng/ul

RT: 22.81 min Scan# 5232

Delta R.T. -0.00 min

Lab File: BN002489.D

Acq: 24 Aug 2018 04:57

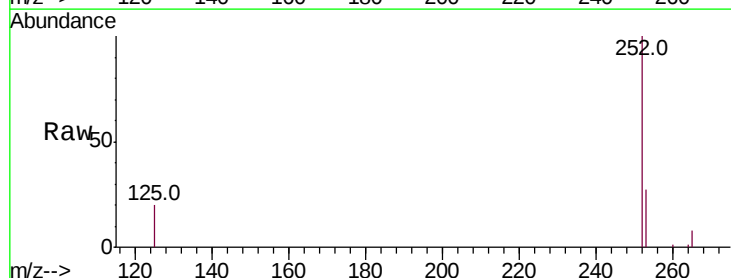
Tgt Ion:252 Resp: 14392

Ion Ratio Lower Upper

252 100

253 27.1 0.0 64.2

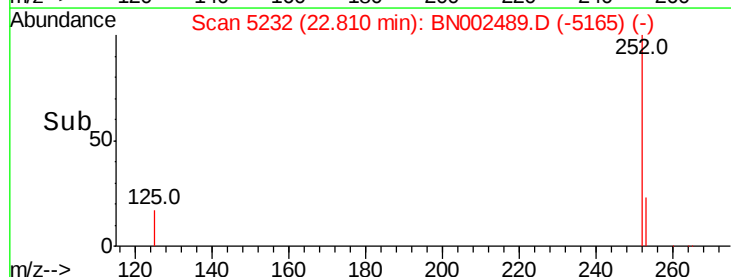
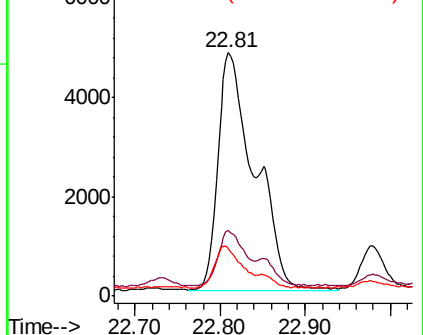
125 19.8 0.0 35.0

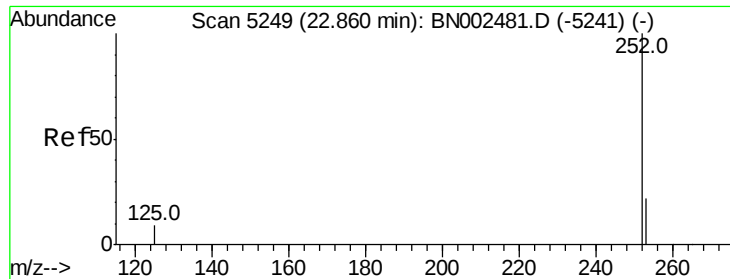


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.363 ng/ul

RT: 22.81 min Scan# 5232

Delta R.T. -0.05 min

Lab File: BN002489.D

Acq: 24 Aug 2018 04:57

Instrument :

BNA_N

ClientSampleId :

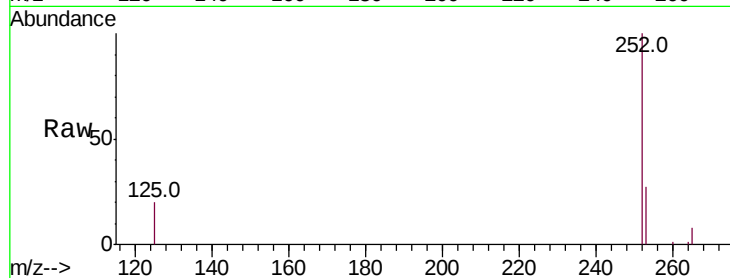
Tot Ion:252 Resp: 14392

Ion Ratio Lower Upper

252 100

253 27.1 24.5 36.7

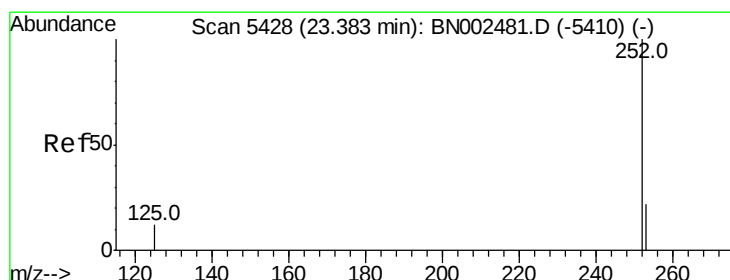
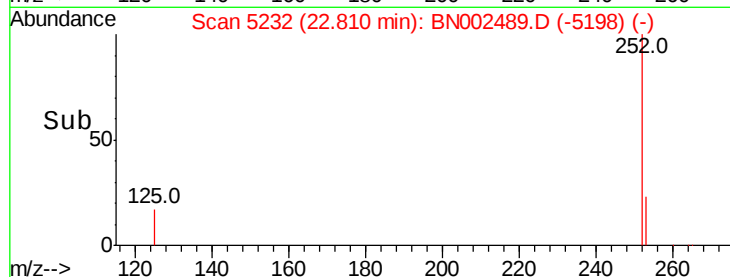
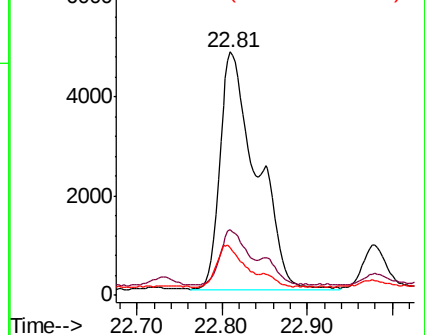
125 19.8 13.7 20.5



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: 0.202 ng/ul

RT: 23.37 min Scan# 5424

Delta R.T. -0.01 min

Lab File: BN002489.D

Acq: 24 Aug 2018 04:57

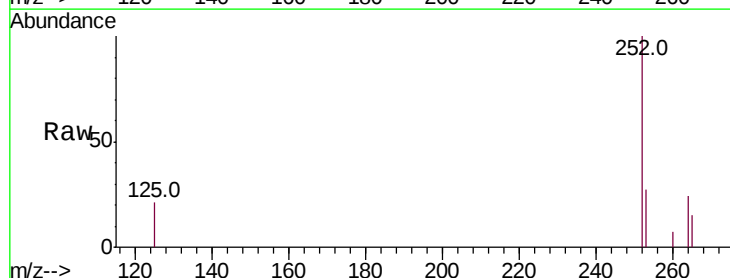
Tgt Ion:252 Resp: 7297

Ion Ratio Lower Upper

252 100

253 27.4 16.0 24.0#

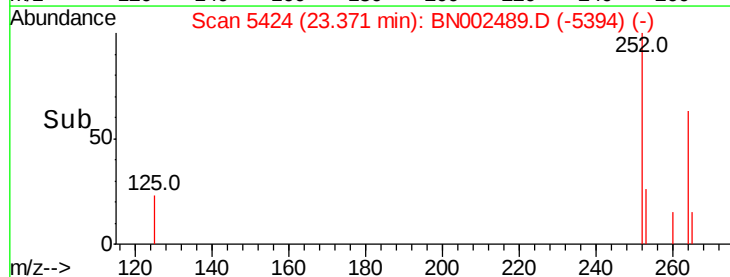
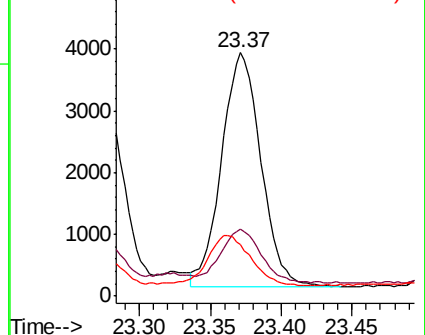
125 21.1 12.0 18.0#

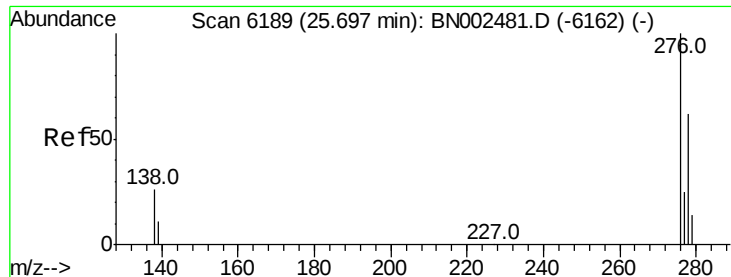


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



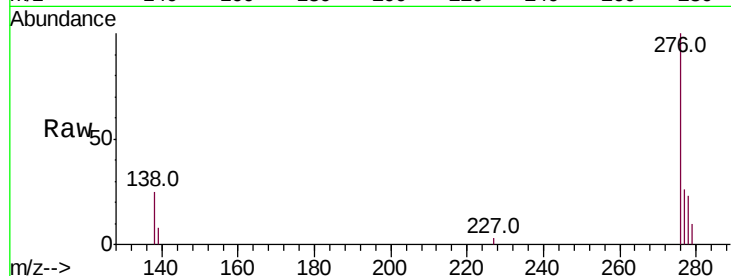


#24

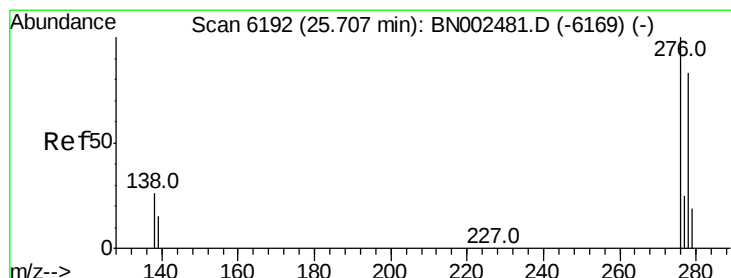
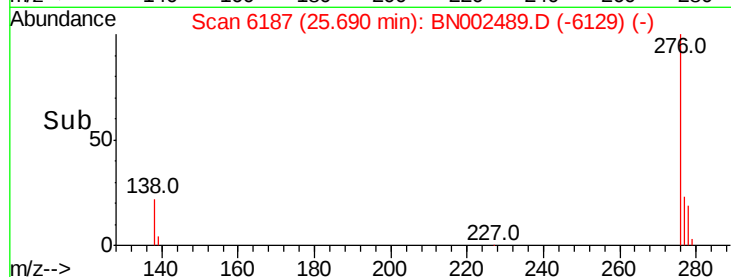
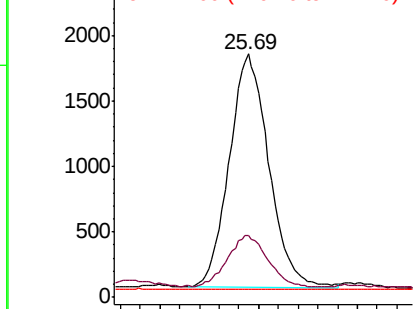
Indeno(1,2,3-cd)pyrene
Concen: 0.132 ng/ul
RT: 25.69 min Scan# 6187
Delta R.T. -0.01 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 4977
Ion Ratio Lower Upper
276 100
138 22.4 28.0 42.0#
227 0.2 0.8 1.2#



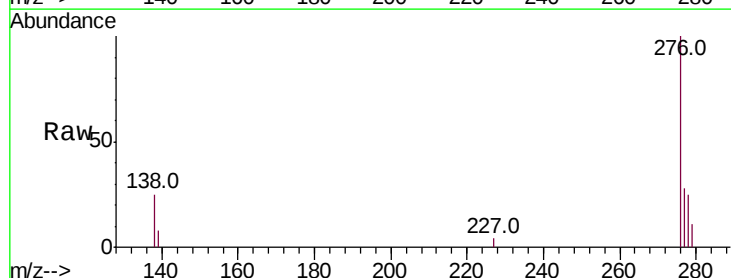
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



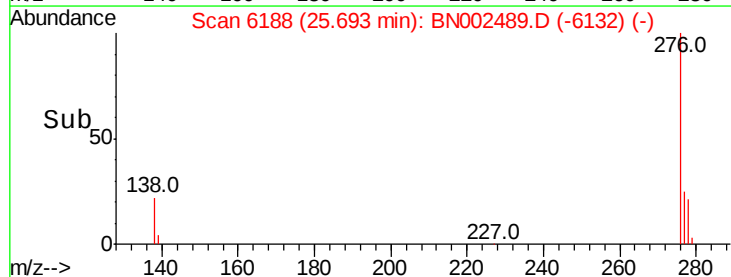
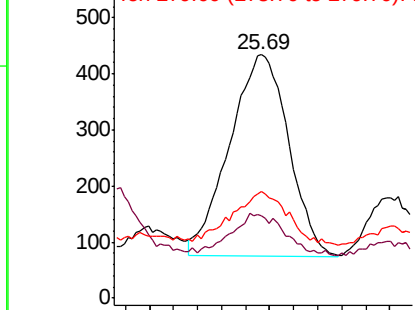
#25

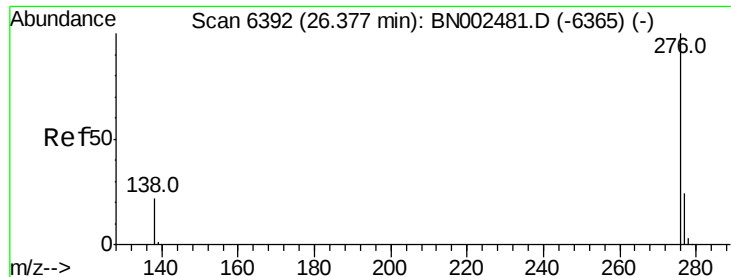
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 25.69 min Scan# 6188
Delta R.T. -0.01 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

Tgt Ion:278 Resp: 1222
Ion Ratio Lower Upper
278 100
139 33.9 17.4 26.0#
279 43.8 25.9 38.9#



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: 0.150 ng/ul

RT: 26.36 min Scan# 6388

Delta R.T. -0.01 min

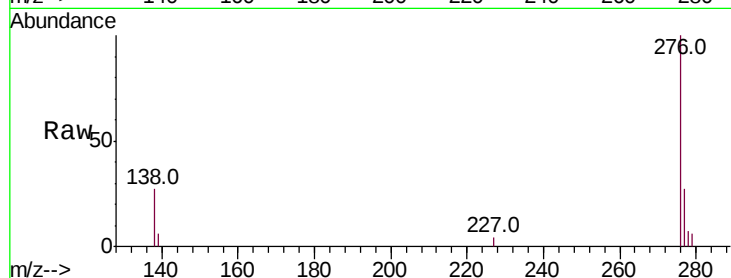
Lab File: BN002489.D

Acq: 24 Aug 2018 04:57

Instrument :

BNA_N

ClientSampleId :



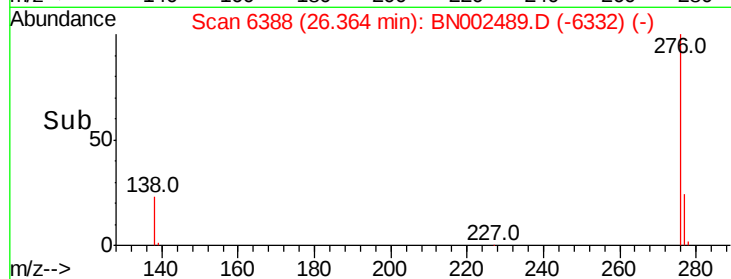
Tot Ion:276 Resp: 4822

Ion Ratio Lower Upper

276 100

138 27.0 21.8 32.8

277 27.3 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

