

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042018\
 Data File : BN000799.D
 Acq On : 20 Apr 2018 17:18
 Operator : JU/SJ
 Sample : J2355-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Y33

Quant Time: Apr 21 02:55:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 21 02:47:17 2018
 Response via : Initial Calibration

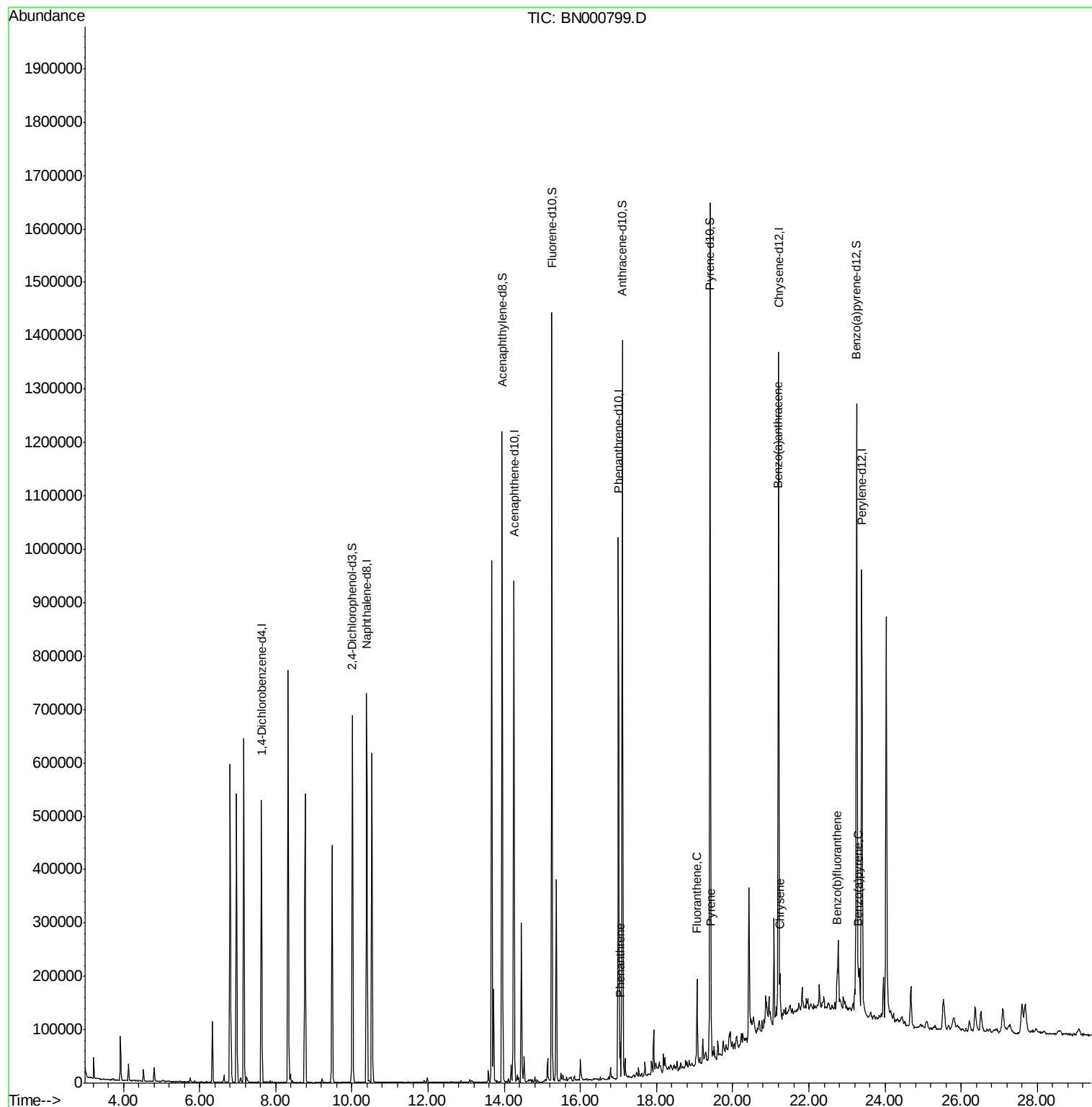
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	135280	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	584158	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	288871	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	560396	20.00	ng/ul	0.00
18) Chrysene-d12	21.20	240	497952	20.00	ng/ul	0.00
23) Perylene-d12	23.39	264	518861	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.01	165	233112	28.05	ng/ul	0.00
7) Acenaphthylene-d8	13.95	160	811638	29.19	ng/ul	0.00
10) Fluorene-d10	15.25	176	521604	28.00	ng/ul	0.00
15) Anthracene-d10	17.10	188	703555	27.15	ng/ul	0.00
19) Pyrene-d10	19.40	212	726463	28.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.26	264	667779	27.30	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.04	178	38302	1.251	ng/ul	98
17) Fluoranthene	19.06	202	81407	2.705	ng/ul#	74
20) Pyrene	19.43	202	76224	2.418	ng/ul#	73
21) Benzo(a)anthracene	21.19	228	37332	1.258	ng/ul	94
22) Chrysene	21.24	228	39373	1.403	ng/ul	97
24) Benzo(b)fluoranthene	22.74	252	53093	1.769	ng/ul#	92
27) Benzo(a)pyrene	23.30	252	36945	1.286	ng/ul#	92

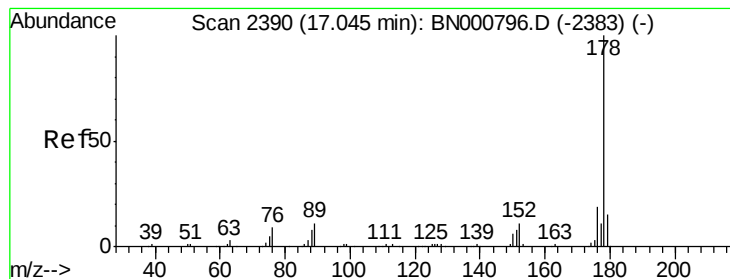
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 1.251 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

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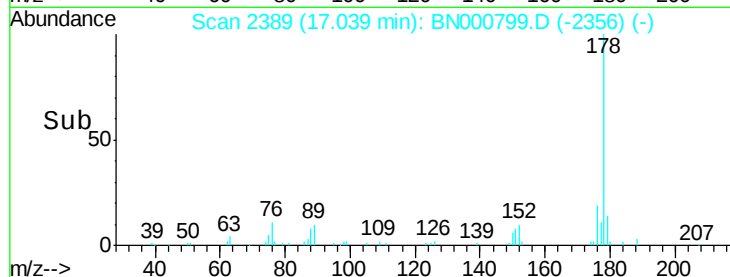
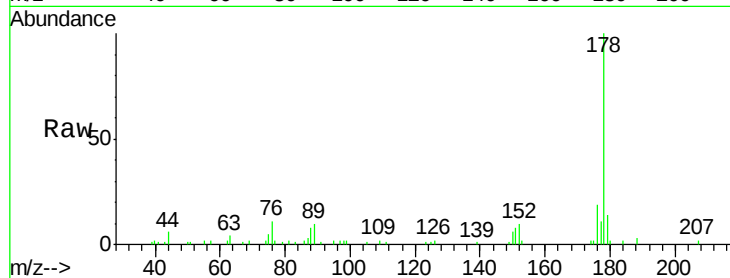
Tot Ion:178 Resp: 38302

Ion Ratio Lower Upper

178 100

179 14.4 12.6 19.0

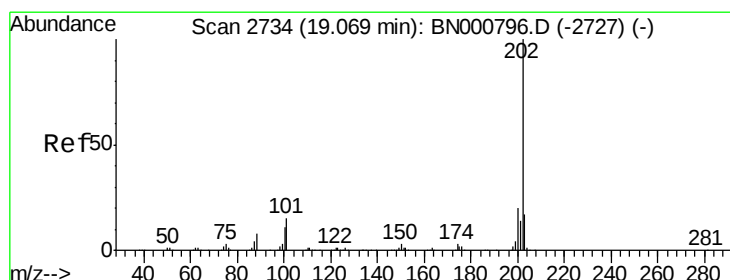
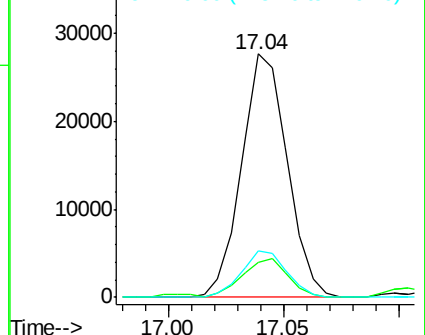
176 19.1 14.9 22.3



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



#17

Fluoranthene

Concen: 2.705 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BN000799.D

Acq: 20 Apr 2018 17:18

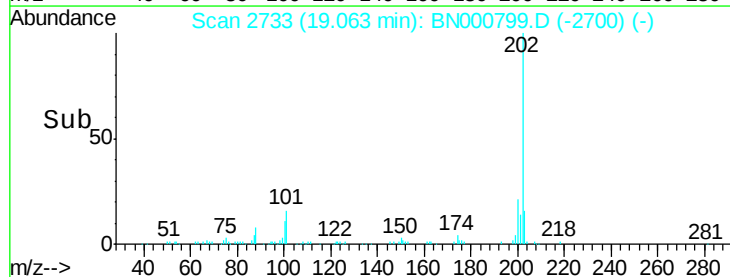
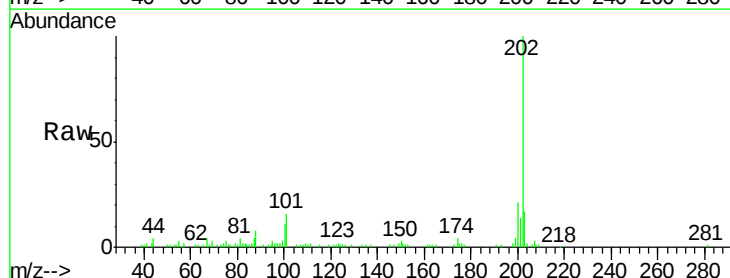
Tgt Ion:202 Resp: 81407

Ion Ratio Lower Upper

202 100

101 15.7 4.6 7.0#

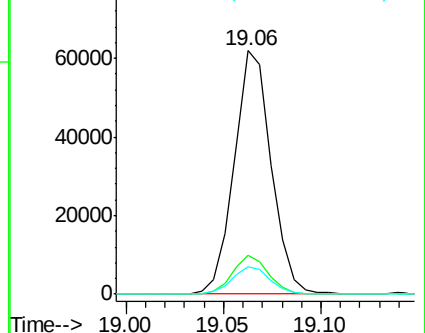
100 11.3 3.4 5.2#

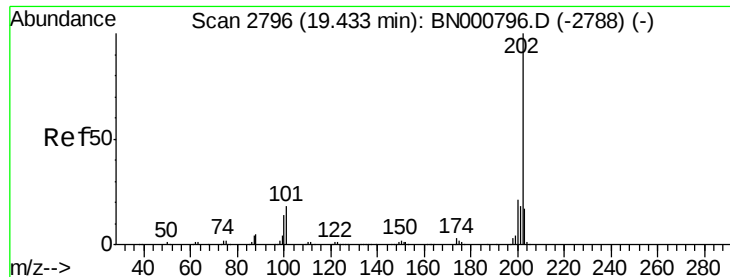


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

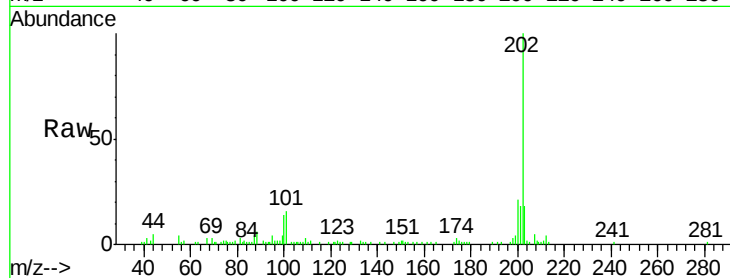




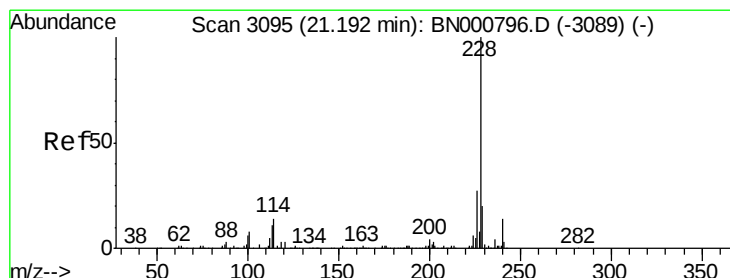
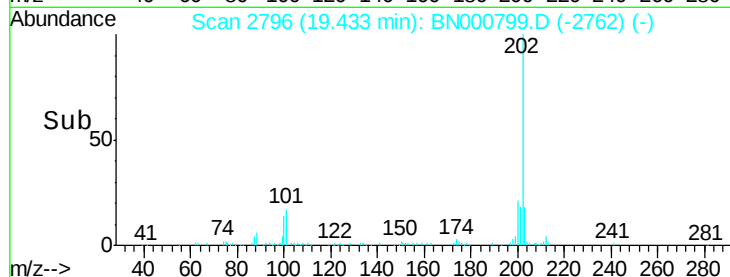
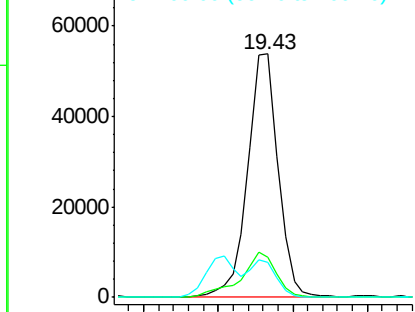
#20
Pvrene
Concen: 2.418 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BN000799.D
Acq: 20 Apr 2018 17:18

Instrument :
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Tot Ion:202 Resp: 76224
Ion Ratio Lower Upper
202 100
101 16.5 5.1 7.7#
100 14.3 4.9 7.3#

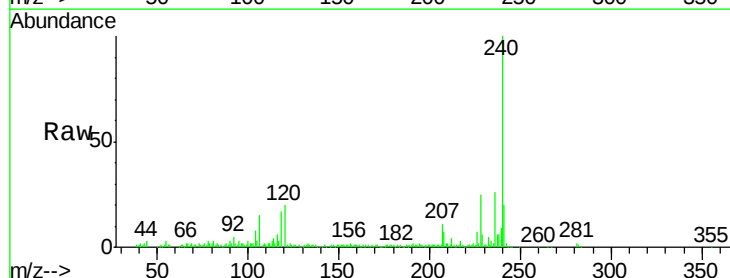


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

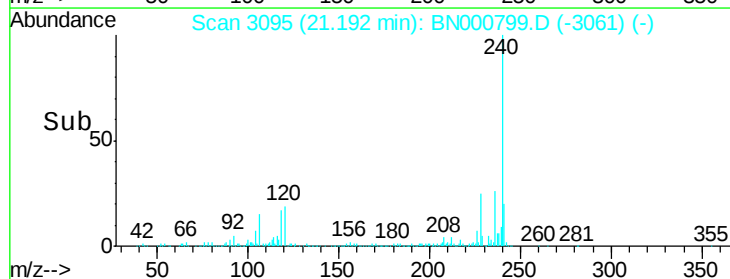
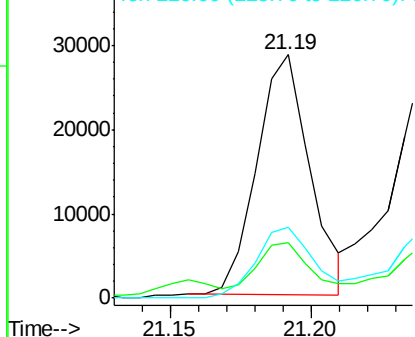


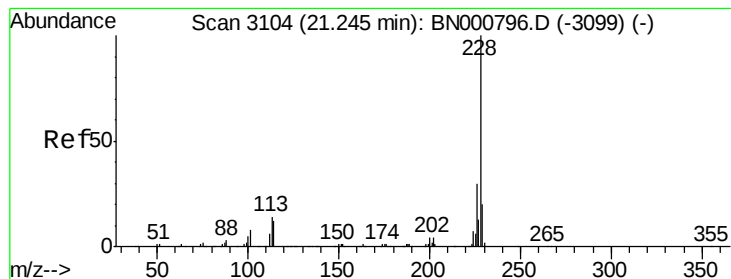
#21
Benzo(a)anthracene
Concen: 1.258 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BN000799.D
Acq: 20 Apr 2018 17:18

Tgt Ion:228 Resp: 37332
Ion Ratio Lower Upper
228 100
229 22.8 15.4 23.0
226 29.0 21.4 32.0



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





#22

Chrysene

Concen: 1.403 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN000799.D

Acq: 20 Apr 2018 17:18

Instrument :

BNA_N

ClientSampleId :

A3Y33

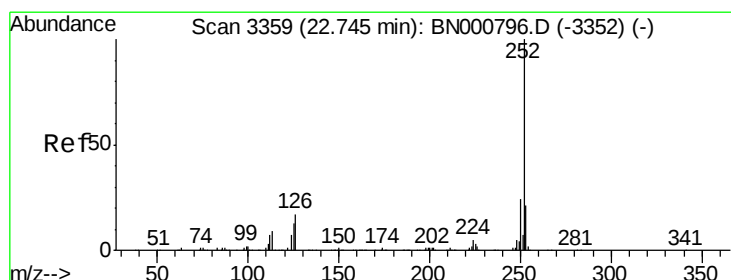
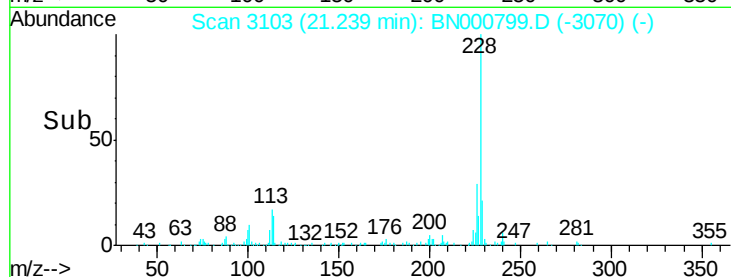
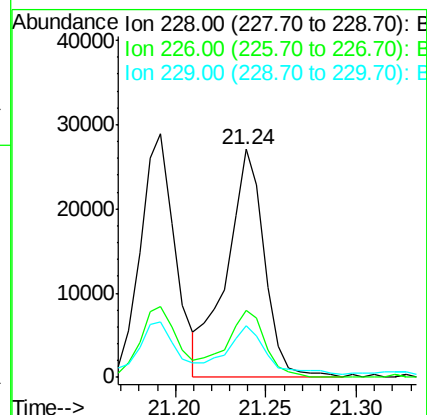
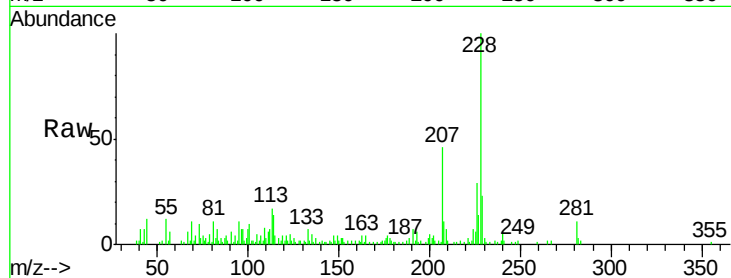
Tot Ion:228 Resp: 39373

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

229 22.8 15.5 23.3



#24

Benzo(b)fluoranthene

Concen: 1.769 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.00 min

Lab File: BN000799.D

Acq: 20 Apr 2018 17:18

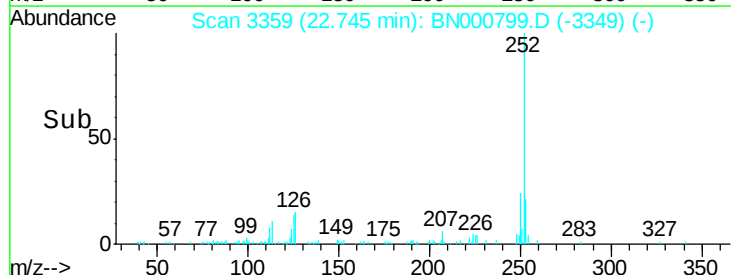
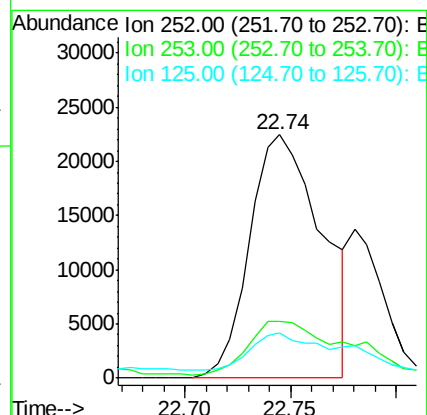
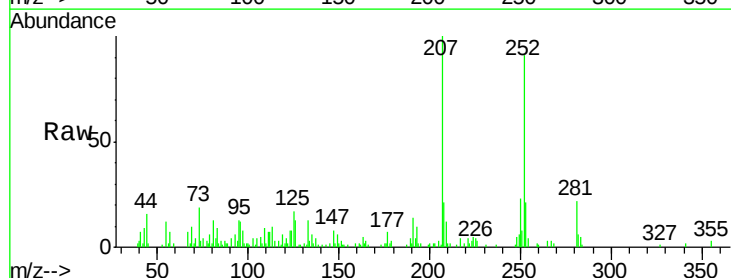
Tgt Ion:252 Resp: 53093

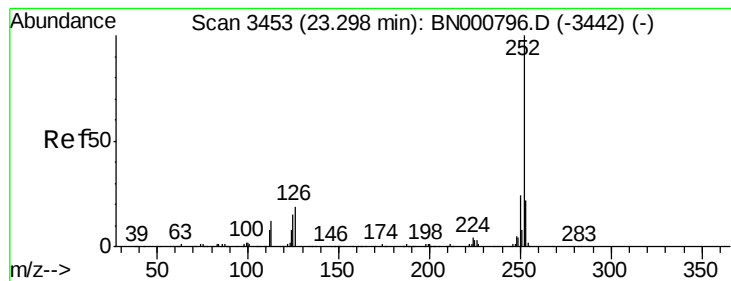
Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

125 18.4 3.6 5.4#





#27

Benzo(a)pyrene

Concen: 1.286 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. -0.00 min

Lab File: BN000799.D

Acq: 20 Apr 2018 17:18

Instrument :

BNA_N

ClientSampleId :

A3Y33

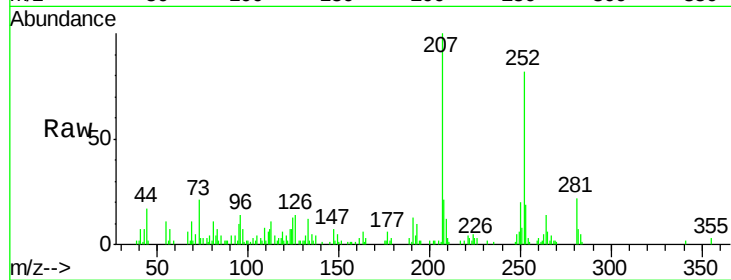
Tot Ion:252 Resp: 36945

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.2

125 16.0 4.0 6.0#



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

