

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000601.D
 Acq On : 24 Mar 2018 04:36
 Operator : JU/SJ
 Sample : J1955-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1006

Quant Time: Mar 24 05:55:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 24 02:55:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	192777	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	829513	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	457091	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	975057	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	922020	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	764843	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	27453	5.09	ng/uL	0.00
5) Phenol-d5	7.55	99	505045	28.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	305796	29.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	377632	27.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	397644	28.38	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	183010	27.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	194395	27.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.86	165	332298	26.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	489377	38.11	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	1057682	29.29	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	1337479	28.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.21	143	157178	23.44	ng/ul	0.00
57) Fluorene-d10	16.01	176	883003	28.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.12	200	111015	19.88	ng/ul	0.00
70) Anthracene-d10	17.85	188	1323178	28.23	ng/ul	0.00
76) Pyrene-d10	20.11	212	1429522	28.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	1073203	29.73	ng/ul	0.00

Target Compounds

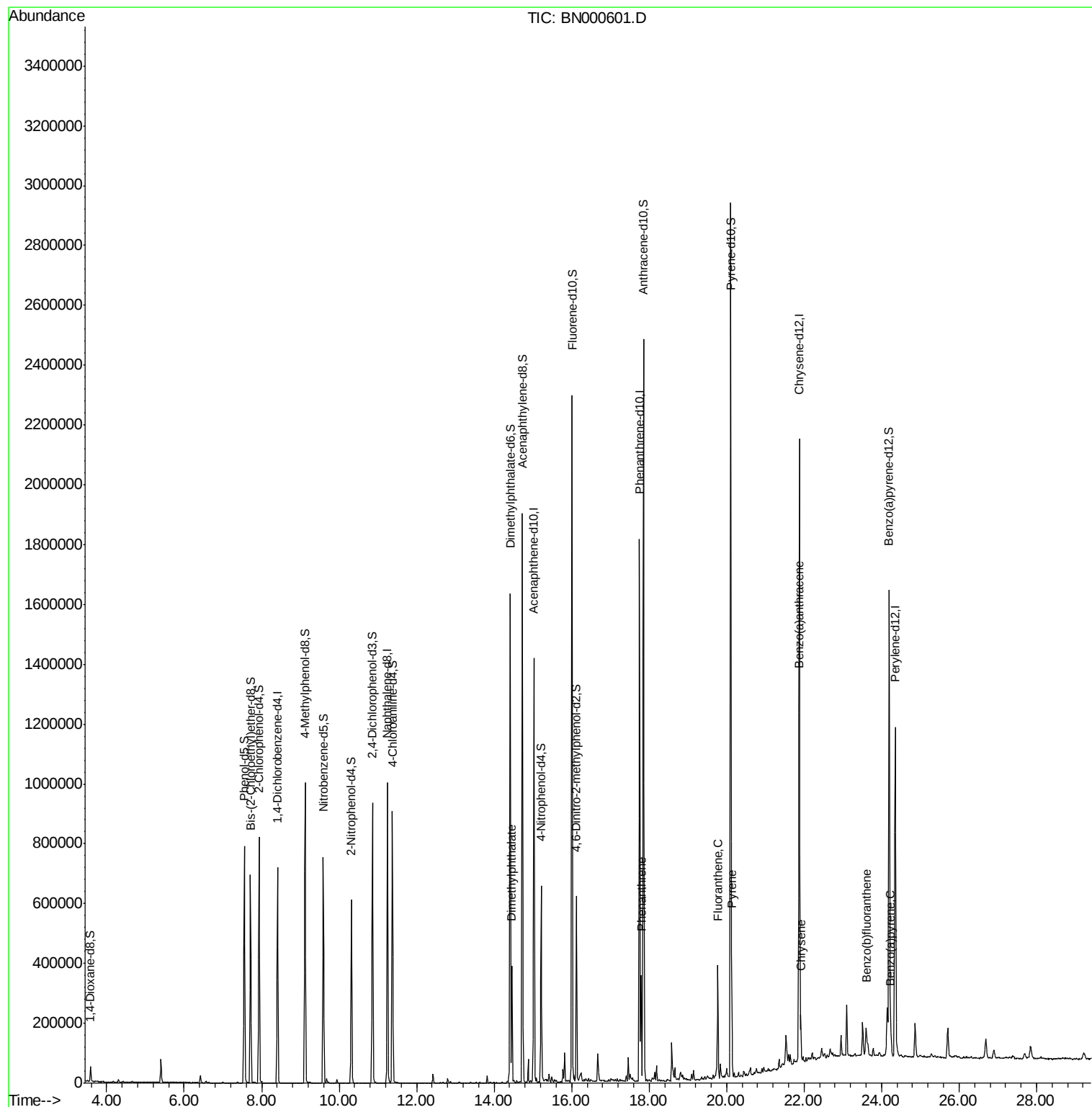
					Ovalue	
44) Dimethylphthalate	14.46	163	228055	6.384	ng/ul#	98
69) Phenanthrene	17.80	178	193130	3.438	ng/ul	99
74) Fluoranthene	19.78	202	210617	3.773	ng/ul#	83
77) Pyrene	20.14	202	173213	2.572	ng/ul#	77
80) Benzo(a)anthracene	21.86	228	73288	1.193	ng/ul	99
82) Chrysene	21.91	228	73727	1.280	ng/ul	97
85) Benzo(b)fluoranthene	23.60	252	79291	1.641	ng/ul#	93
88) Benzo(a)pyrene	24.24	252	49014	1.078	ng/ul#	91

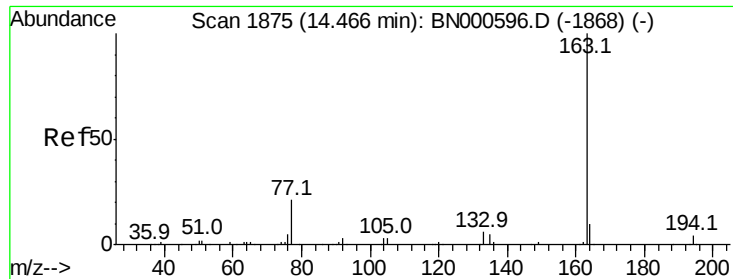
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 6.384 ng/ul

RT: 14.46 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BN000601.D

Acq: 24 Mar 2018 04:36

Instrument :

BNA_N

ClientSampleId :

C1006

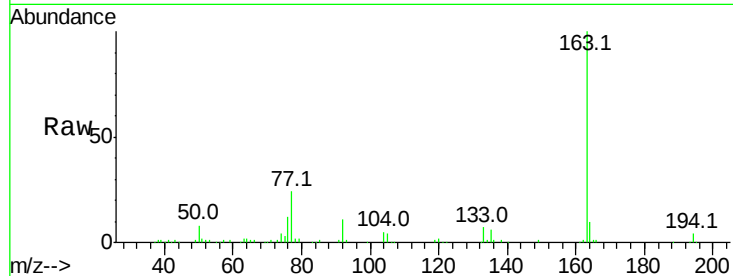
Tot Ion:163 Resp: 228055

Ion Ratio Lower Upper

163 100

194 3.6 4.0 6.0#

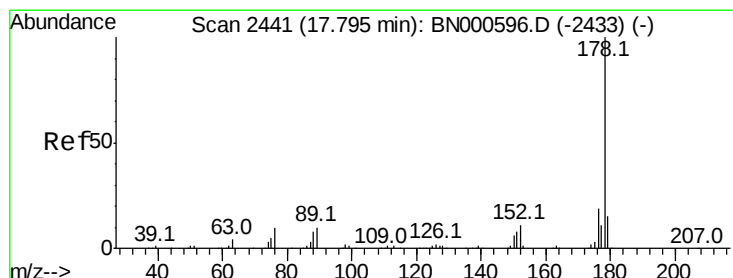
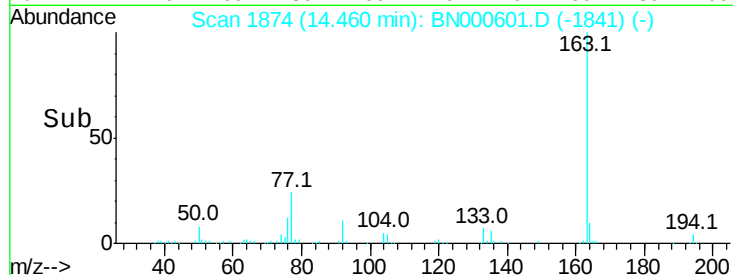
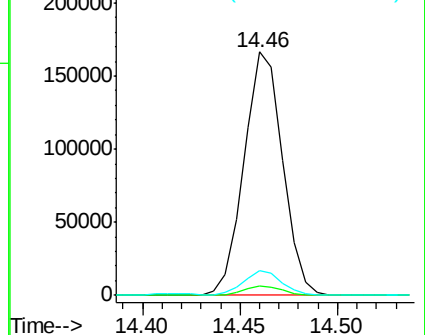
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 3.438 ng/ul

RT: 17.80 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BN000601.D

Acq: 24 Mar 2018 04:36

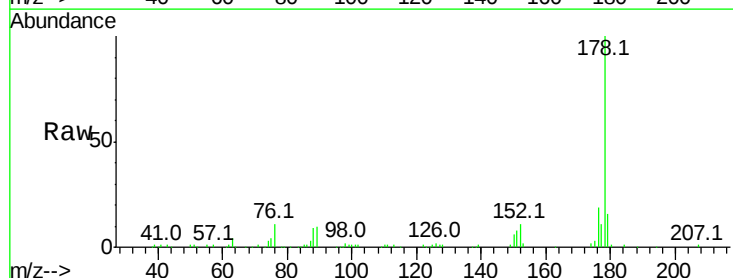
Tgt Ion:178 Resp: 193130

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

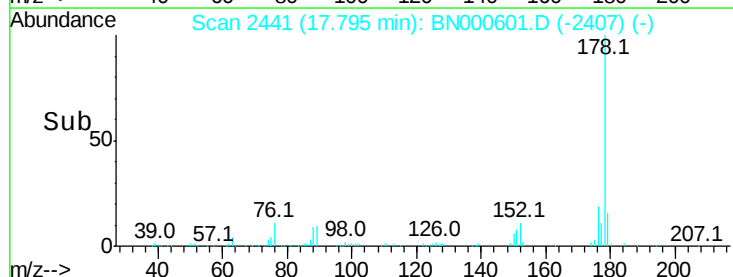
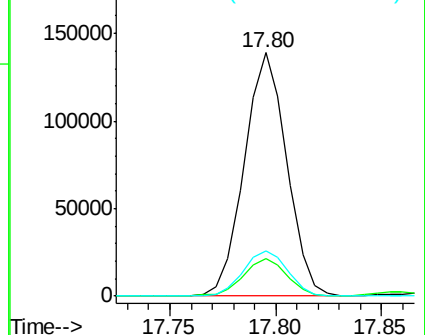
176 18.6 15.4 23.0

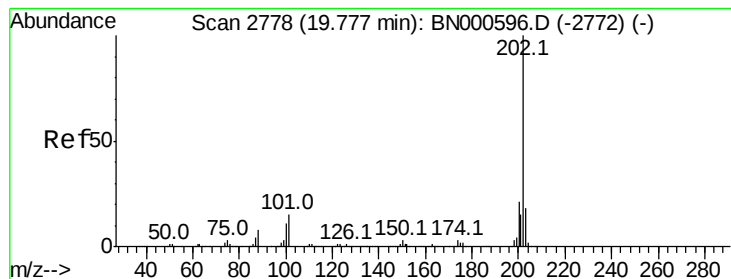


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.773 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BN000601.D

Acq: 24 Mar 2018 04:36

Instrument :

BNA_N

ClientSampleId :

C1006

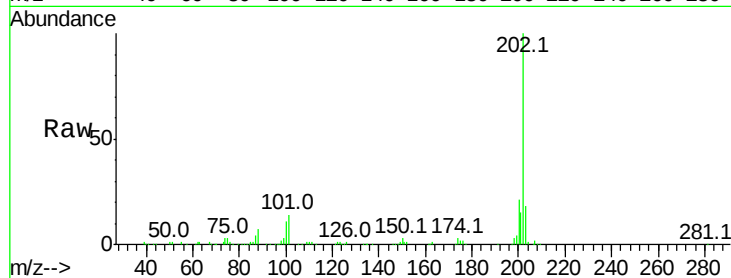
Tot Ion:202 Resp: 210617

Ion Ratio Lower Upper

202 100

101 14.1 6.1 9.1#

100 11.0 4.6 7.0#



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

19.78

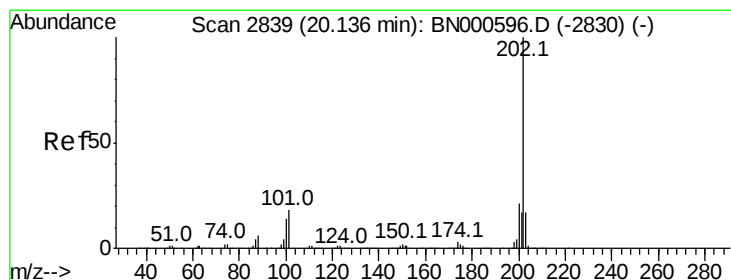
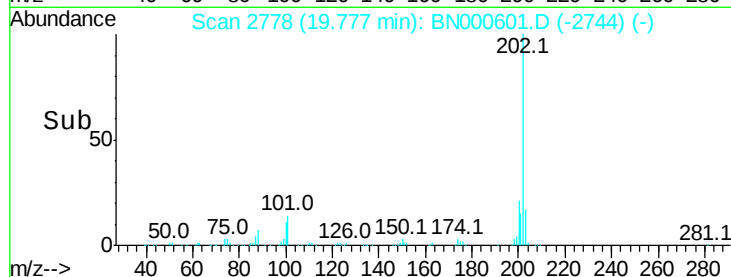
150000

100000

50000

0

Time-->



#77

Pyrene

Concen: 2.572 ng/ul

RT: 20.14 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BN000601.D

Acq: 24 Mar 2018 04:36

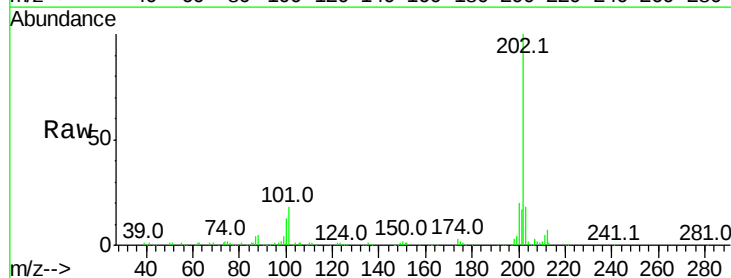
Tgt Ion:202 Resp: 173213

Ion Ratio Lower Upper

202 100

101 17.8 6.9 10.3#

100 13.4 5.6 8.4#



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

20.14

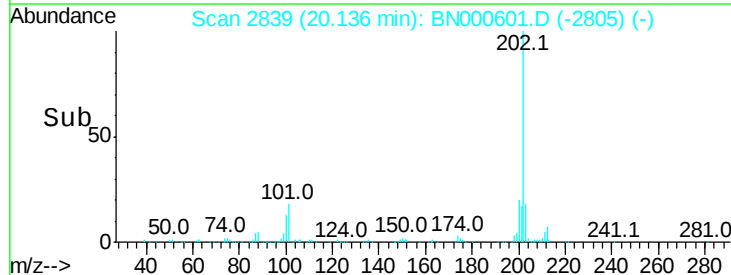
150000

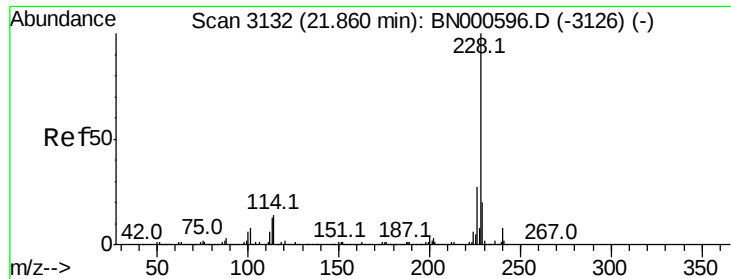
100000

50000

0

Time-->





#80

Benzo(a)anthracene

Concen: 1.193 ng/ul

RT: 21.86 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BN000601.D

Acq: 24 Mar 2018 04:36

Instrument :

BNA_N

ClientSampleId :

C1006

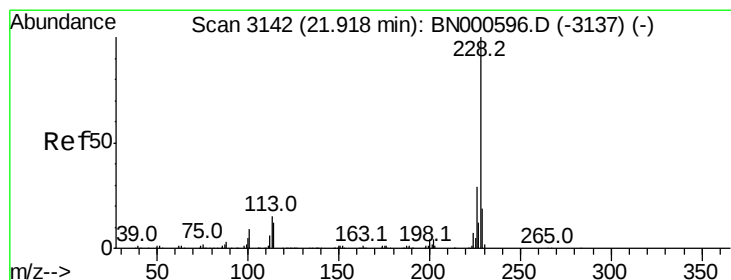
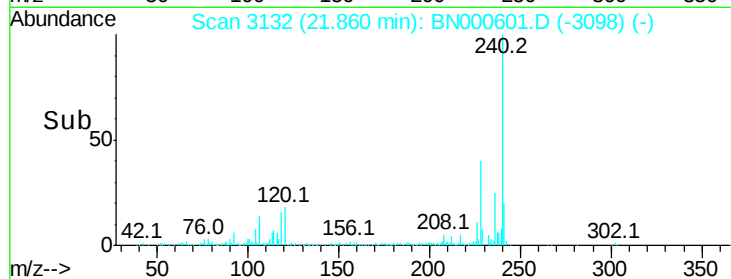
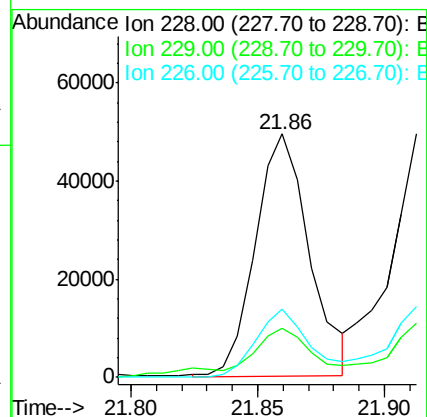
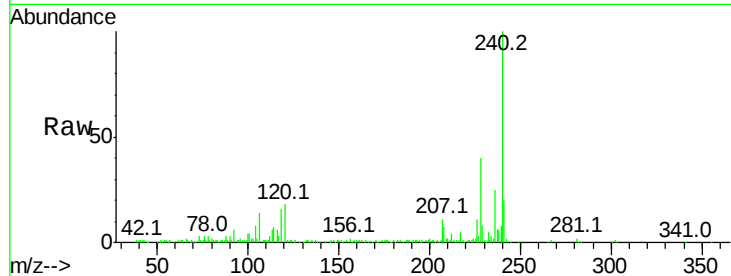
Tot Ion:228 Resp: 73288

Ion Ratio Lower Upper

228 100

229 20.0 16.0 24.0

226 28.2 21.8 32.8



#82

Chrysene

Concen: 1.280 ng/ul

RT: 21.91 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BN000601.D

Acq: 24 Mar 2018 04:36

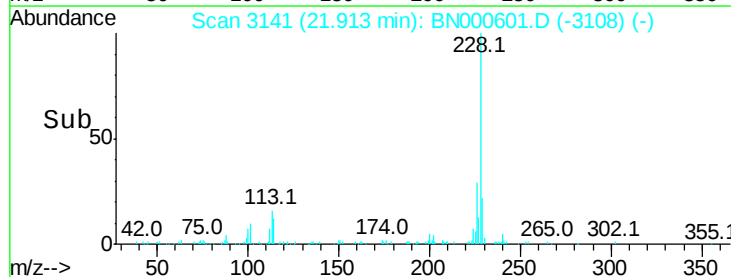
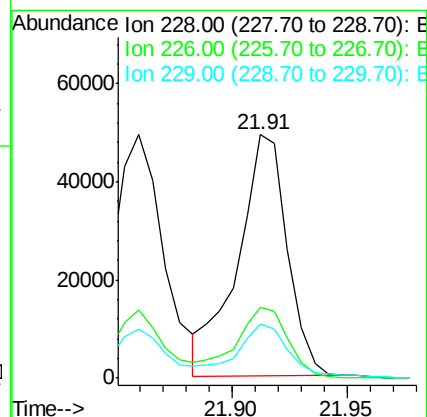
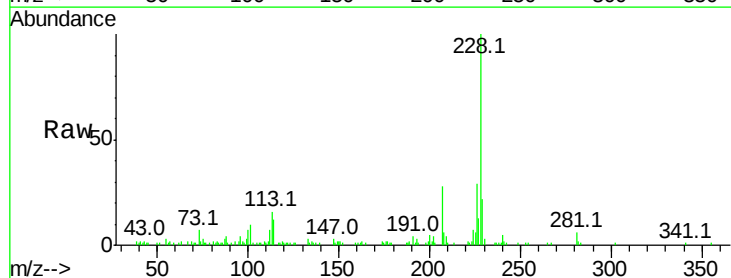
Tgt Ion:228 Resp: 73727

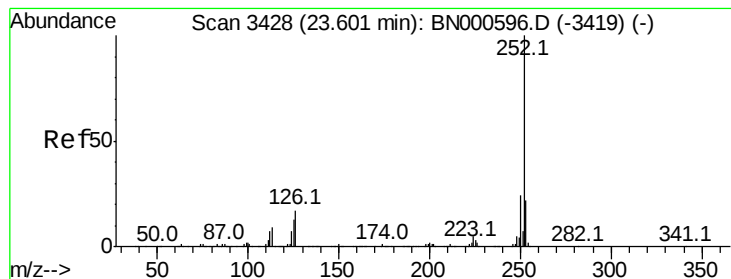
Ion Ratio Lower Upper

228 100

226 29.3 24.1 36.1

229 22.0 16.0 24.0





#85

Benzo(b)fluoranthene

Concen: 1.641 ng/ul

RT: 23.60 min Scan# 3428

Delta R.T. 0.00 min

Lab File: BN000601.D

Acq: 24 Mar 2018 04:36

Instrument :

BNA_N

ClientSampleId :

C1006

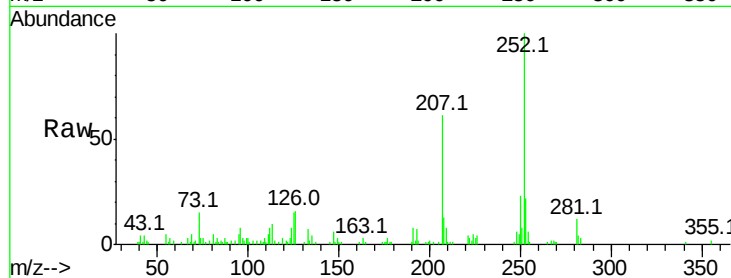
Tot Ion:252 Resp: 79291

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

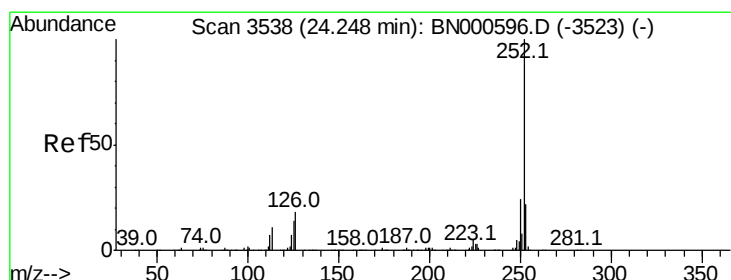
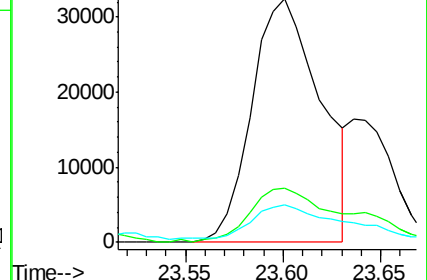
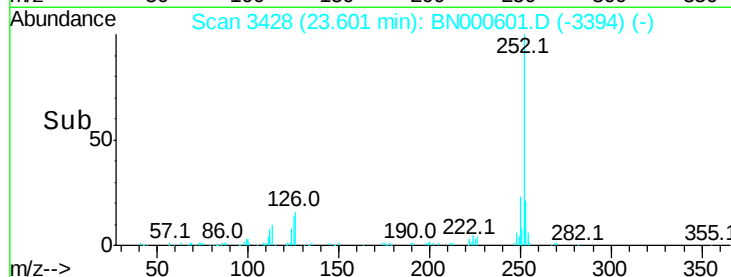
125 15.2 4.9 7.3#



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



#88

Benzo(a)pyrene

Concen: 1.078 ng/ul

RT: 24.24 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BN000601.D

Acq: 24 Mar 2018 04:36

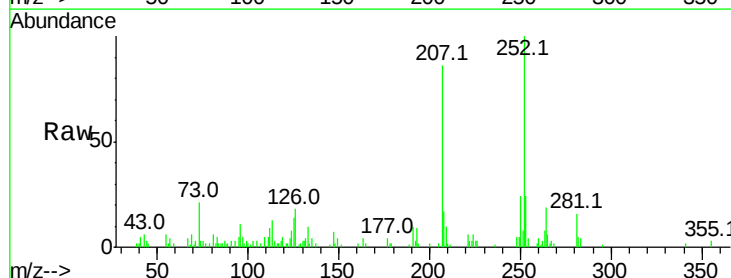
Tgt Ion:252 Resp: 49014

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

125 14.4 5.8 8.6#



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

