

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
 Data File : BN002410.D
 Acq On : 18 Aug 2018 09:51
 Operator : JU/SJ
 Sample : J4424-14
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 20 01:11:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 18 04:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	181331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	864140	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	531422	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1242211	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1417561	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1485357	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	15431	4.02	ng/uL	0.00
5) Phenol-d5	6.85	99	385250	23.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	240388	23.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	297339	23.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	277375	20.87	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	156756	22.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	167327	23.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	305598	22.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	279628	19.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1055588	23.96	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1319226	24.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	146008	17.53	ng/ul	0.00
57) Fluorene-d10	15.30	176	921189	24.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	135840	17.18	ng/ul	0.00
70) Anthracene-d10	17.15	188	1376584	23.20	ng/ul	0.00
78) Pyrene-d10	19.45	212	1631584	24.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1762497	22.69	ng/ul	0.00

Target Compounds

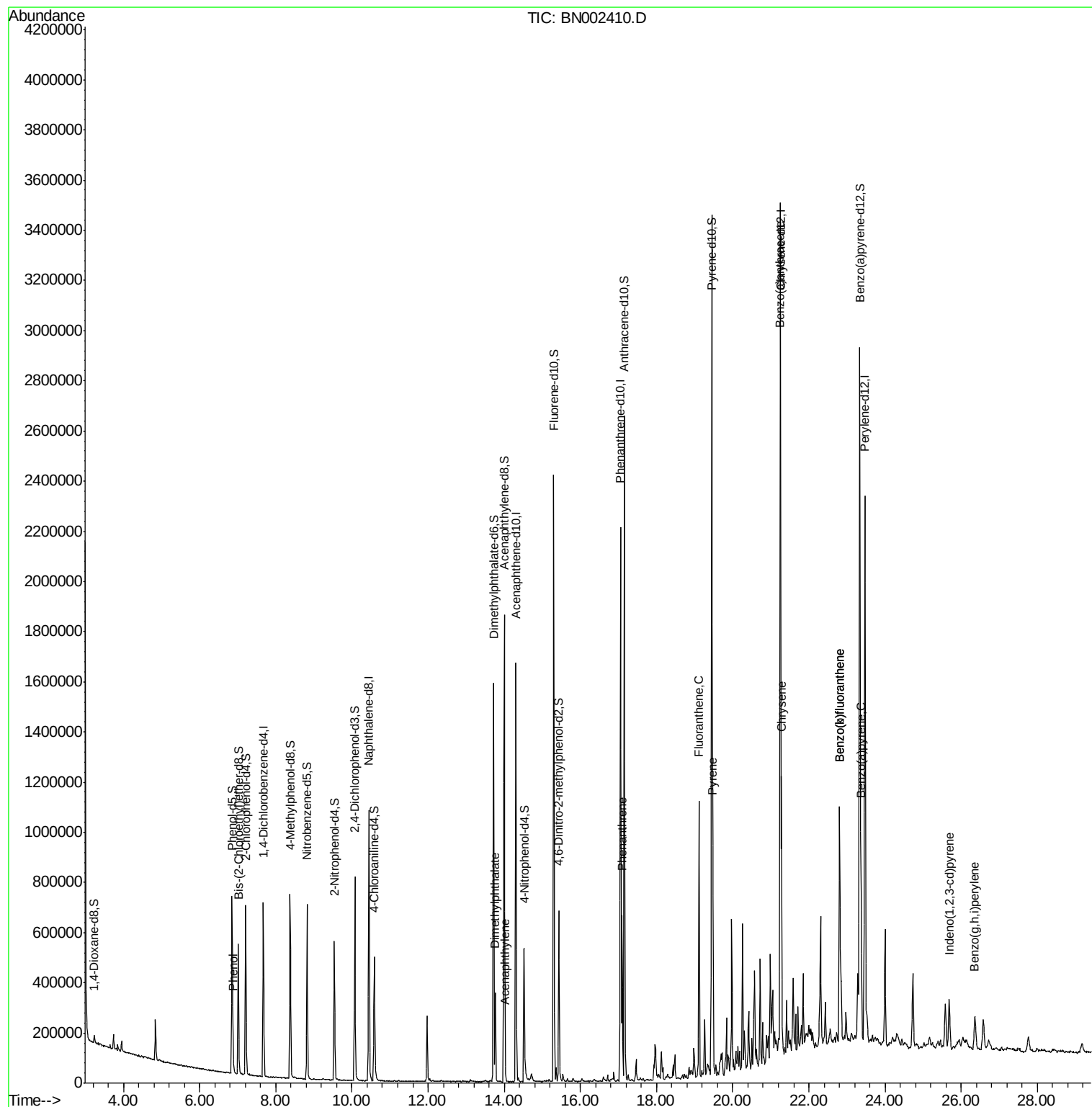
				Ovalue	
6) Phenol	6.88	94	21230	1.254	ng/ul# 79
44) Dimethylphthalate	13.76	163	211300	4.891	ng/ul 99
47) Acenaphthylene	14.03	152	53192	1.034	ng/ul 99
69) Phenanthrene	17.09	178	379930	5.548	ng/ul 99
76) Fluoranthene	19.12	202	611685	7.848	ng/ul 98
79) Pyrene	19.48	202	528832	6.187	ng/ul 99
82) Benzo(a)anthracene	21.24	228	262452	3.022	ng/ul 95
84) Chrysene	21.29	228	288369	3.508	ng/ul 97
87) Benzo(b)fluoranthene	22.81	252	411022	4.616	ng/ul 96
88) Benzo(k)fluoranthene	22.81	252	411022	4.900	ng/ul 95
90) Benzo(a)pyrene	23.37	252	270976	3.195	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.69	276	173601	1.721	ng/ul 96
93) Benzo(g,h,i)perylene	26.36	276	156036	1.853	ng/ul 97

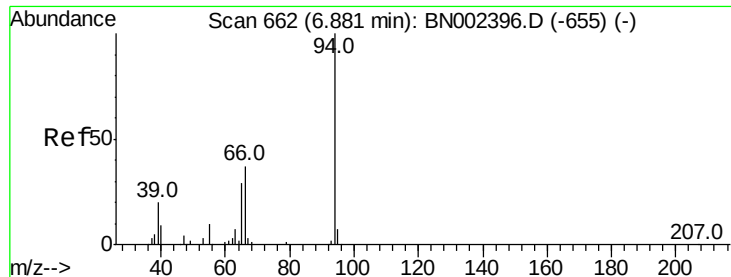
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.254 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

Instrument :

BNA_N

ClientSampleId :

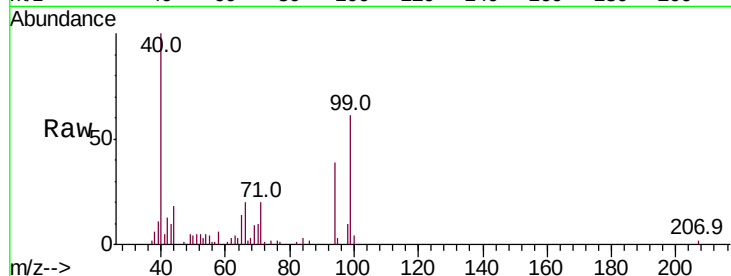
Tot Ion: 94 Resp: 21230

Ion Ratio Lower Upper

94 100

65 34.9 21.0 31.6#

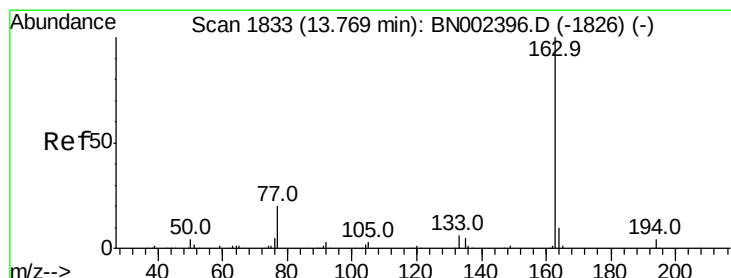
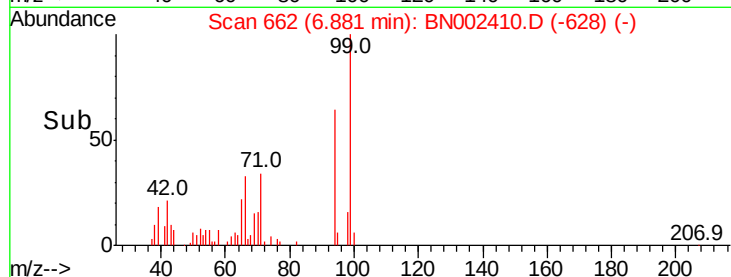
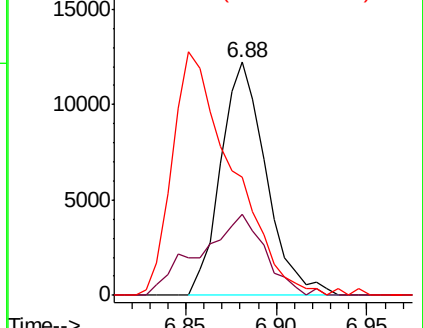
66 50.7 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BN002396.D (-655) (-)

Ion 65.00 (64.70 to 65.70): BN002396.D (-655) (-)

Ion 66.00 (65.70 to 66.70): BN002396.D (-655) (-)



#44

Dimethylphthalate

Concen: 4.891 ng/ul

RT: 13.76 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

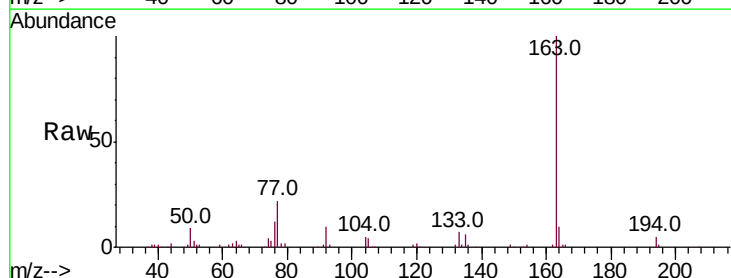
Tgt Ion:163 Resp: 211300

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

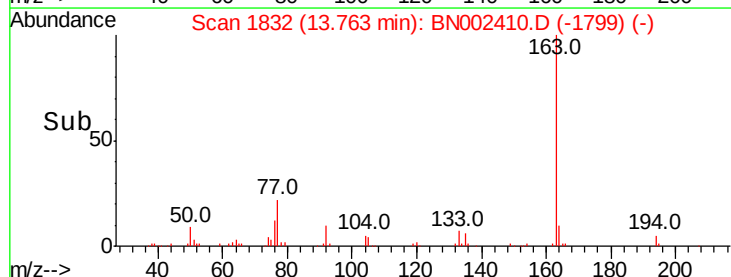
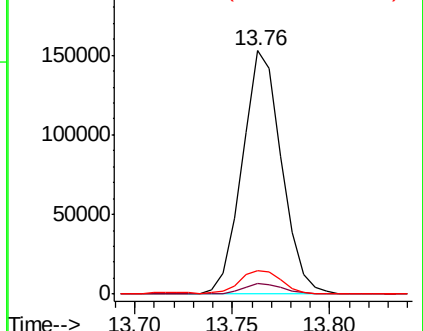
164 9.8 7.8 11.8

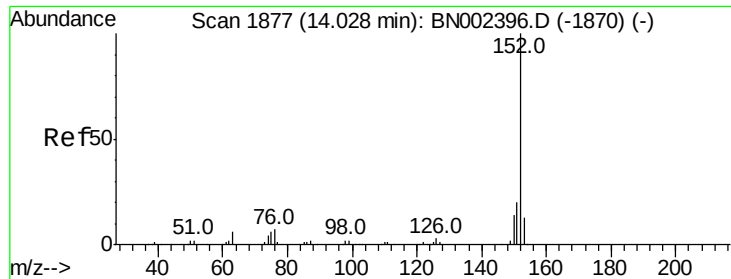


Abundance Ion 163.00 (162.70 to 163.70): BN002396.D (-1826) (-)

Ion 194.00 (193.70 to 194.70): BN002396.D (-1826) (-)

Ion 164.00 (163.70 to 164.70): BN002396.D (-1826) (-)





#47

Acenaphthylene

Concen: 1.034 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

Instrument :

BNA_N

ClientSampleId :

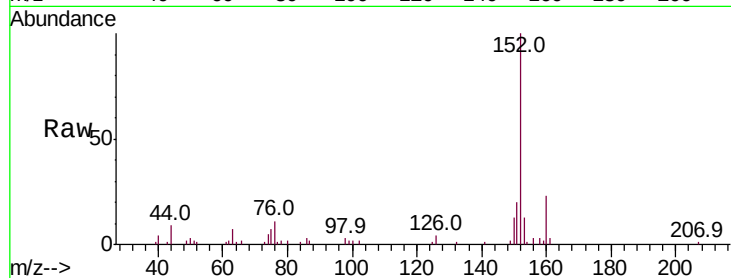
Tot Ion:152 Resp: 53192

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

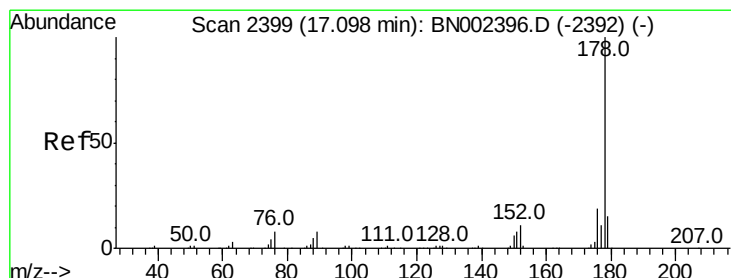
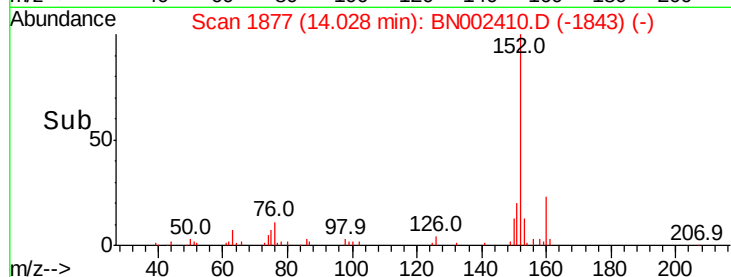
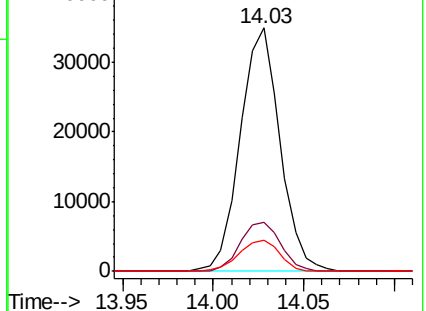
153 12.7 10.5 15.7



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



#69

Phenanthrene

Concen: 5.548 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

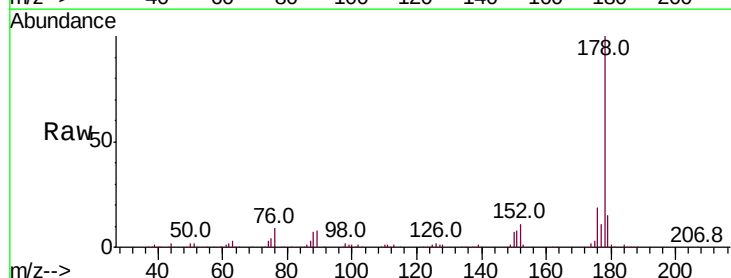
Tgt Ion:178 Resp: 379930

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

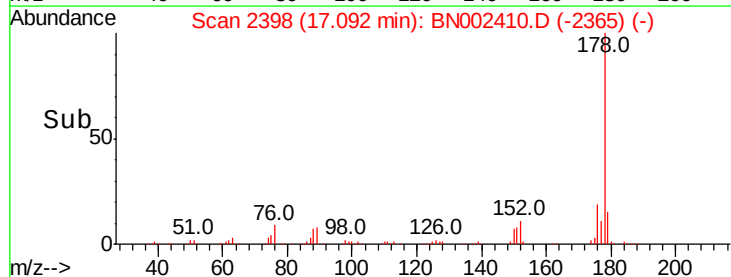
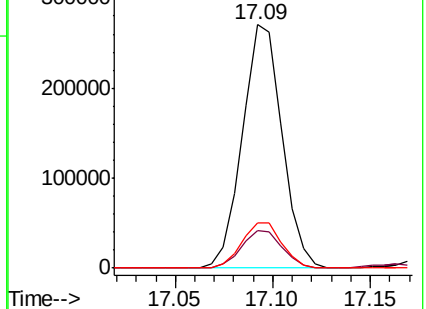
176 18.7 15.6 23.4

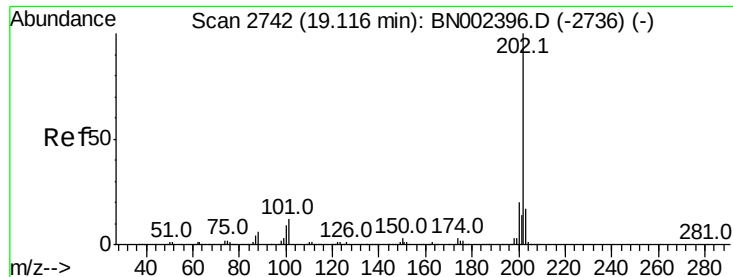


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 7.848 ng/ul

RT: 19.12 min Scan# 2742

Delta R.T. -0.00 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

Instrument :

BNA_N

ClientSampleId :

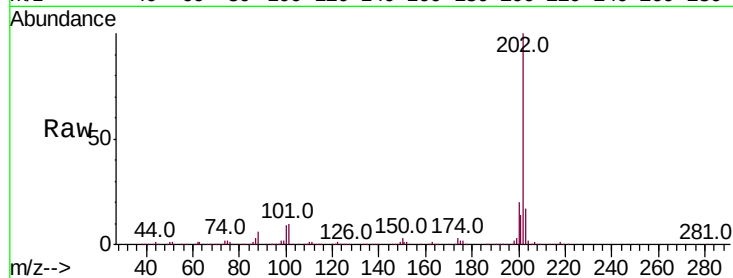
Tot Ion:202 Resp: 611685

Ion Ratio Lower Upper

202 100

101 10.2 8.8 13.2

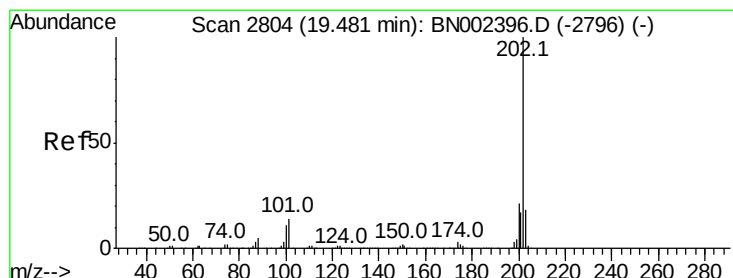
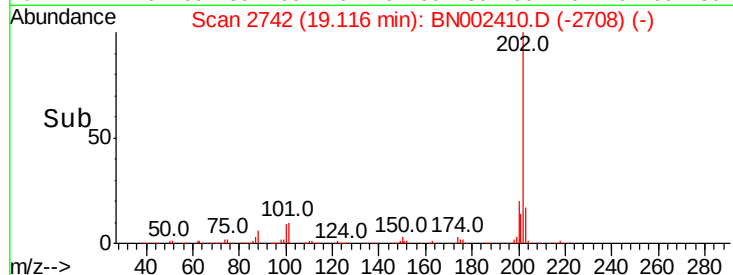
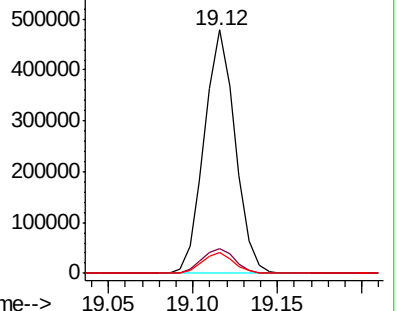
100 8.6 6.6 9.8



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



#79

Pyrene

Concen: 6.187 ng/ul

RT: 19.48 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

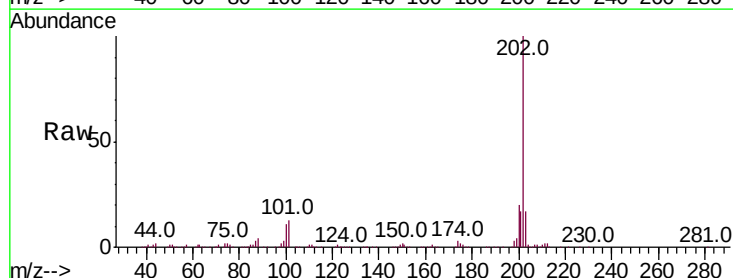
Tgt Ion:202 Resp: 528832

Ion Ratio Lower Upper

202 100

101 13.0 10.2 15.2

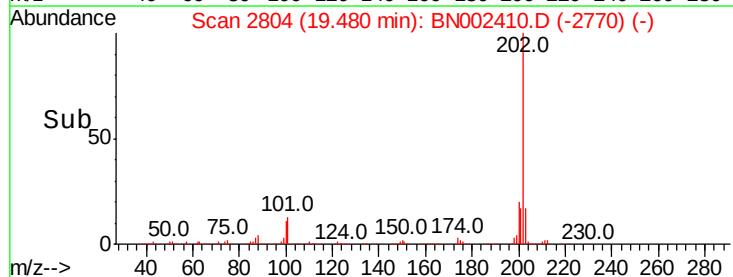
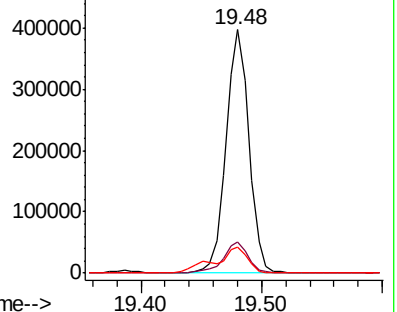
100 10.8 8.5 12.7

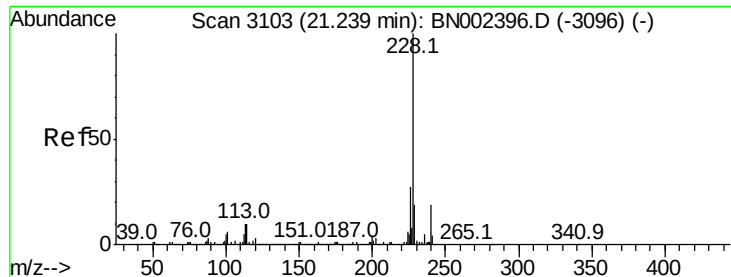


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

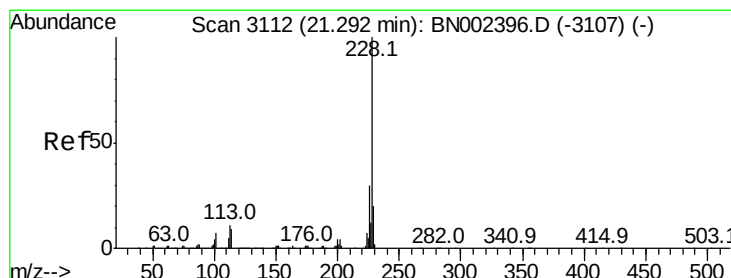
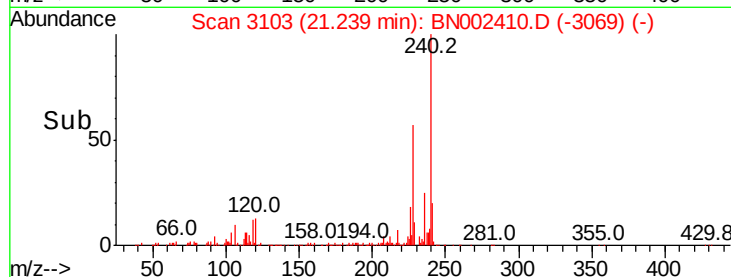
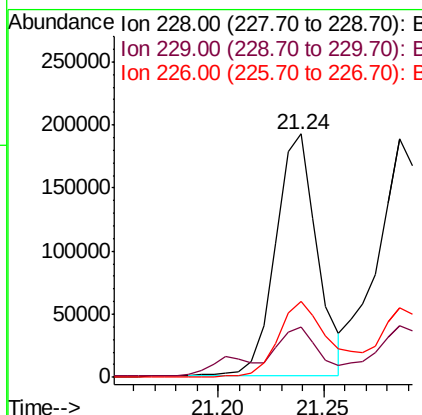
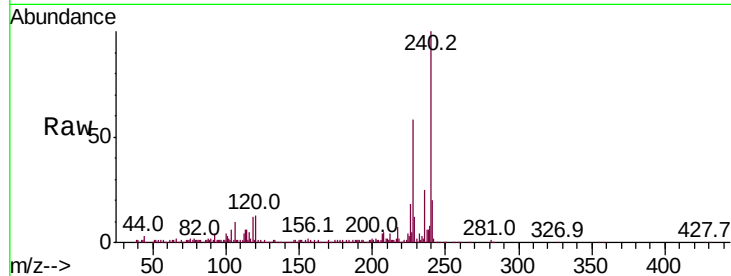




#82
Benzo(a)anthracene
Concen: 3.022 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BN002410.D
Acq: 18 Aug 2018 09:51

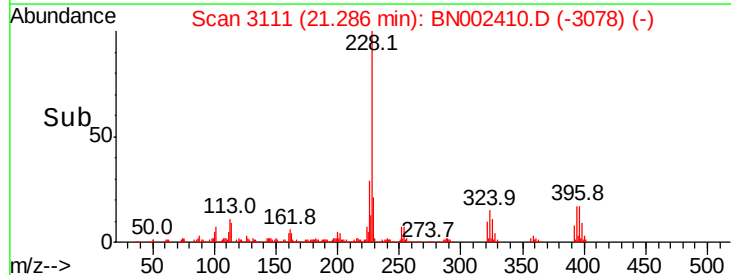
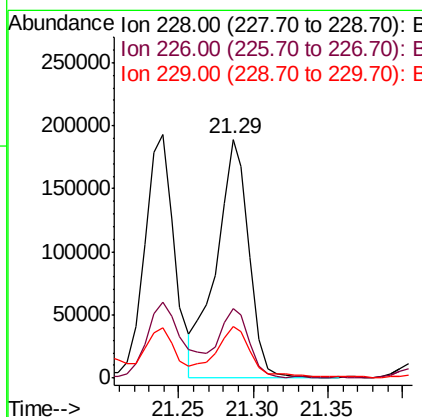
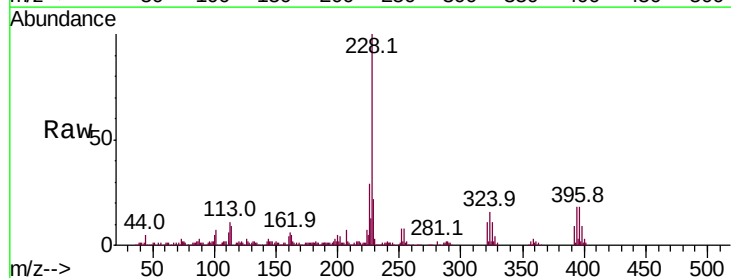
Instrument :
BNA_N
ClientSampleId :

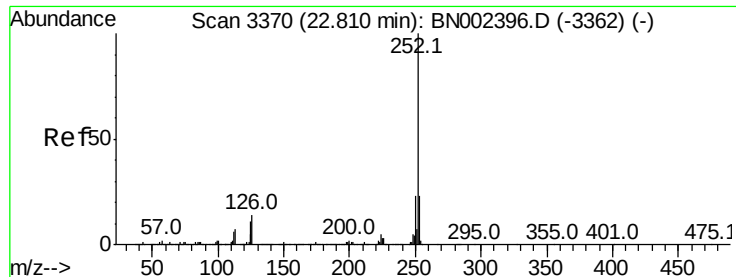
Tot Ion:228 Resp: 262452
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 31.4 21.8 32.6



#84
Chrysene
Concen: 3.508 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BN002410.D
Acq: 18 Aug 2018 09:51

Tgt Ion:228 Resp: 288369
Ion Ratio Lower Upper
228 100
226 29.4 24.0 36.0
229 21.6 15.6 23.4





#87

Benzo(b)fluoranthene

Concen: 4.616 ng/ul

RT: 22.81 min Scan# 3370

Delta R.T. -0.00 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

Instrument :

BNA_N

ClientSampled :

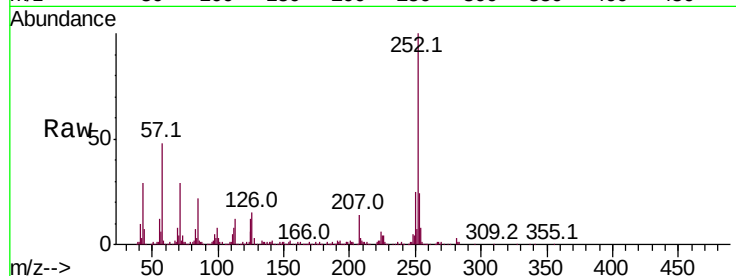
Tot Ion:252 Resp: 411022

Ion Ratio Lower Upper

252 100

253 24.0 17.5 26.3

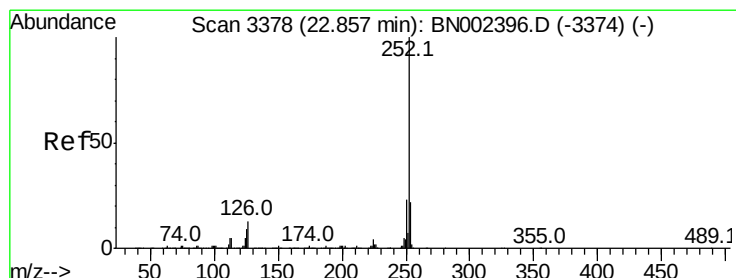
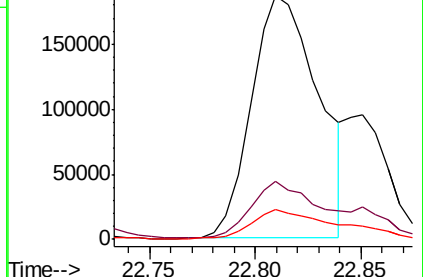
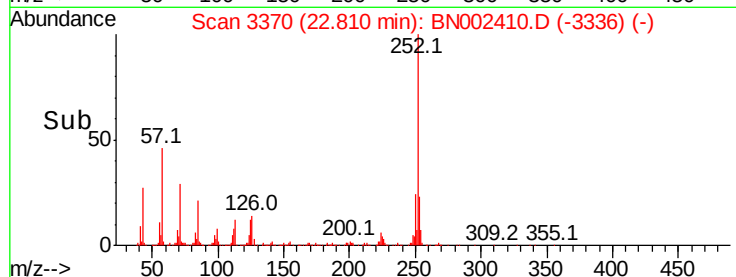
125 12.0 8.5 12.7



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(k)fluoranthene

Concen: 4.900 ng/ul

RT: 22.81 min Scan# 3370

Delta R.T. -0.05 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

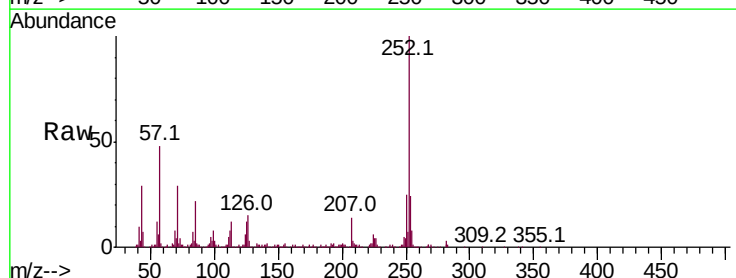
Tgt Ion:252 Resp: 411022

Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

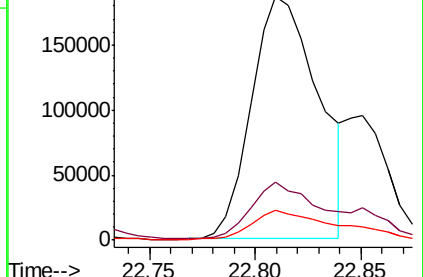
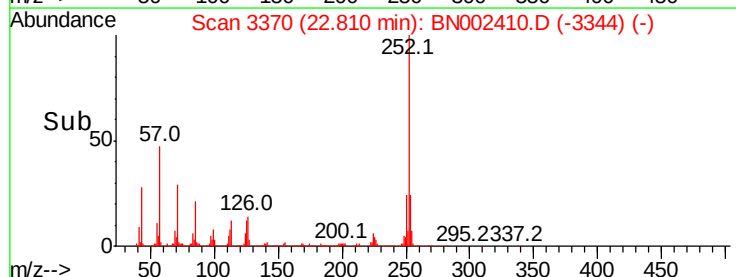
125 12.0 8.2 12.2

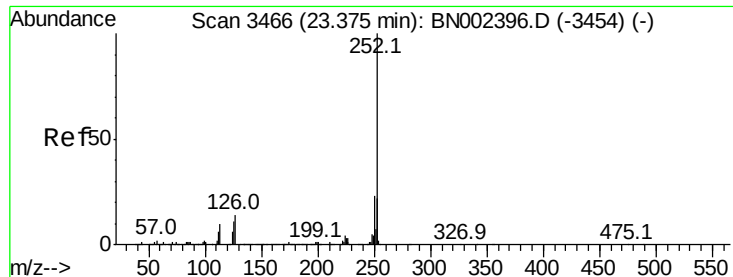


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 3.195 ng/ul

RT: 23.37 min Scan# 3466

Delta R.T. -0.00 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

Instrument :

BNA_N

ClientSampleId :

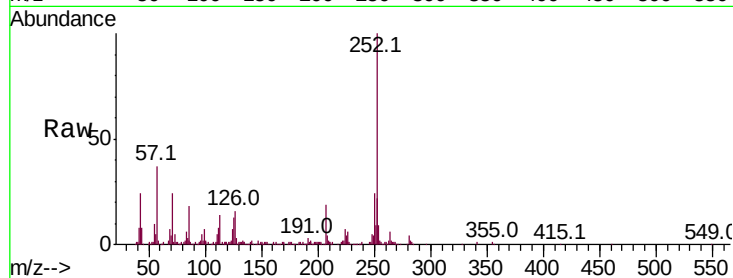
Tot Ion:252 Resp: 270976

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 13.3 9.0 13.6

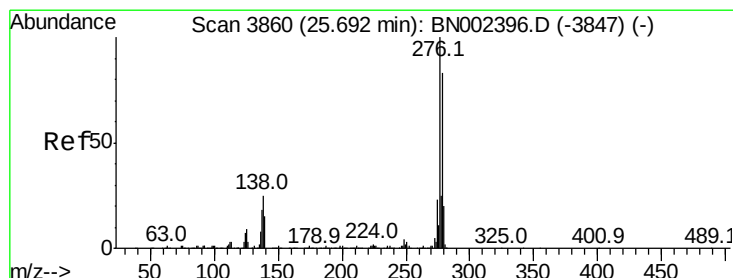
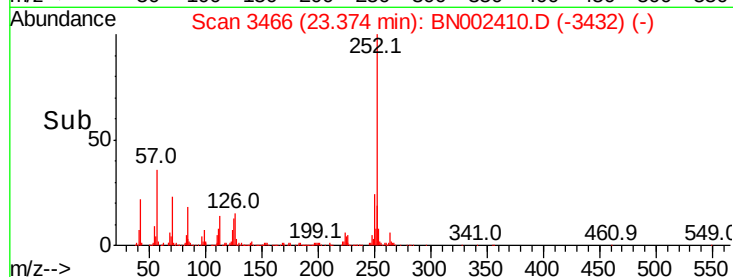
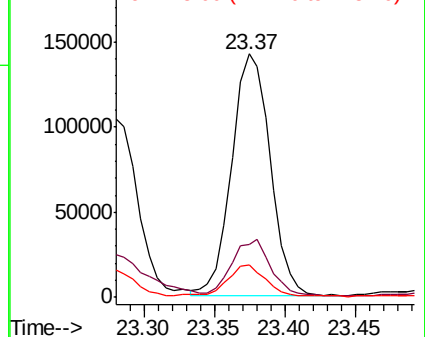


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.721 ng/ul

RT: 25.69 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

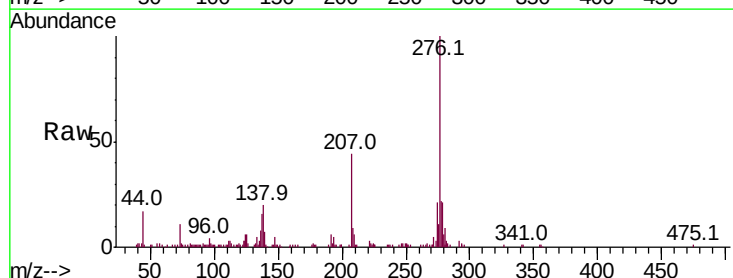
Tgt Ion:276 Resp: 173601

Ion Ratio Lower Upper

276 100

138 26.6 22.3 33.5

277 22.3 20.2 30.2

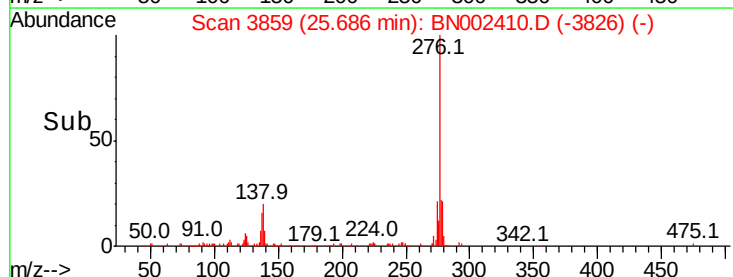
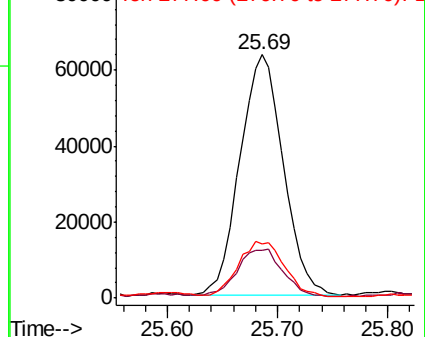


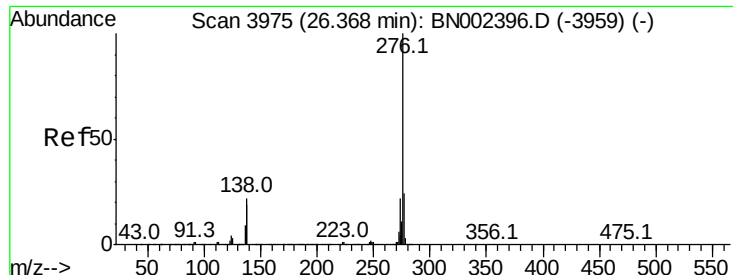
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 1.853 ng/ul

RT: 26.36 min Scan# 3973

Delta R.T. -0.01 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 156036

Ion Ratio Lower Upper

276 100

138 22.7 18.9 28.3

277 26.3 19.2 28.8

