

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002662.D
 Acq On : 12 Sep 2018 19:28
 Operator : JU/SJ
 Sample : J4792-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 13 06:00:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 13 05:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	175045	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	726159	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	374548	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	709540	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	609103	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	636835	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	11368	3.07	ng/uL	0.00
5) Phenol-d5	6.85	99	249094	15.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	176081	17.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	214373	17.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	188882	14.72	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	110679	19.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	105930	17.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	183953	16.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	223398	18.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	611288	19.69	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	780374	20.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	2293	0.39	ng/ul	0.04
57) Fluorene-d10	15.29	176	520783	19.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	1551	0.34	ng/ul	0.02
70) Anthracene-d10	17.14	188	694869	20.50	ng/ul	0.00
78) Pyrene-d10	19.44	212	687183	23.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	696574	20.92	ng/ul	0.00

Target Compounds

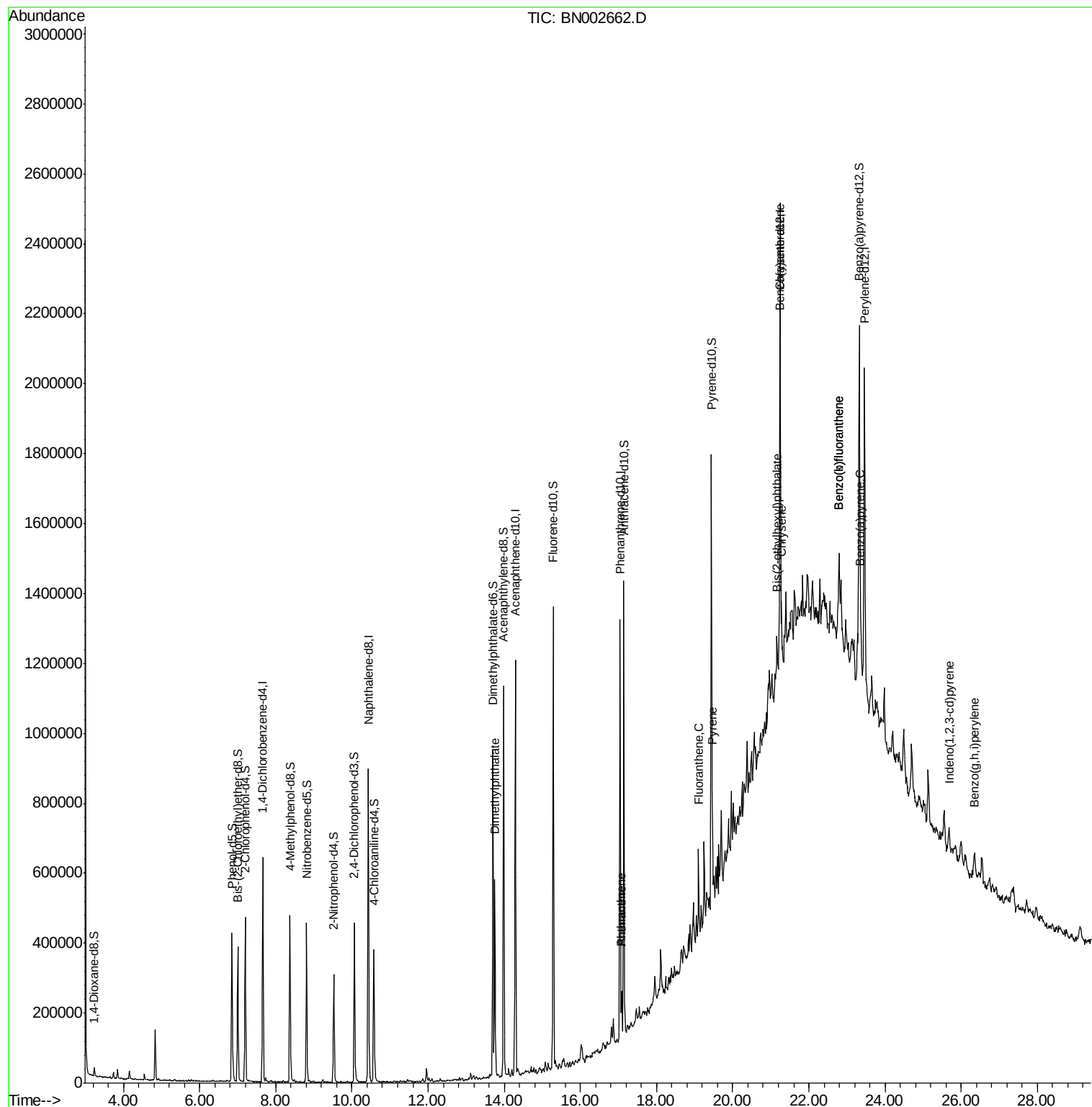
					Ovalue	
44) Dimethylphthalate	13.75	163	357488	11.740	ng/ul	99
69) Phenanthrene	17.08	178	79039	2.021	ng/ul	99
71) Anthracene	17.08	178	79039	1.992	ng/ul	98
76) Fluoranthene	19.10	202	142565	3.202	ng/ul	99
79) Pyrene	19.47	202	144025	3.921	ng/ul	98
82) Benzo(a)anthracene	21.23	228	69970	1.875	ng/ul#	87
83) Bis(2-ethylhexyl)phthalate	21.16	149	35588	1.525	ng/ul#	92
84) Chrysene	21.28	228	88749	2.513	ng/ul#	91
87) Benzo(b)fluoranthene	22.80	252	129872	3.402	ng/ul#	78
88) Benzo(k)fluoranthene	22.80	252	129872	3.611	ng/ul#	77
90) Benzo(a)pyrene	23.36	252	73355	2.017	ng/ul#	74
91) Indeno(1,2,3-cd)pyrene	25.68	276	69833	1.614	ng/ul	95
93) Benzo(g,h,i)perylene	26.36	276	70490	1.953	ng/ul#	93

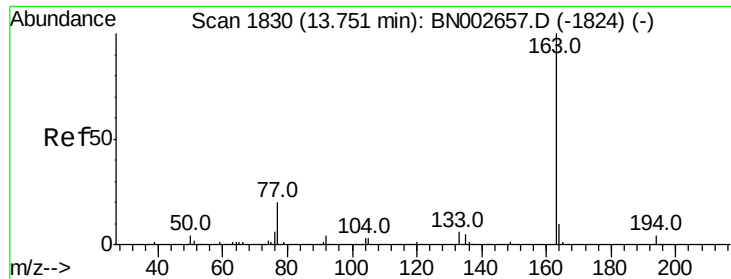
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002662.D
Acq On : 12 Sep 2018 19:28
Operator : JU/SJ
Sample : J4792-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 13 06:00:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 11.740 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BN002662.D

Acq: 12 Sep 2018 19:28

Instrument :

BNA_N

ClientSampleId :

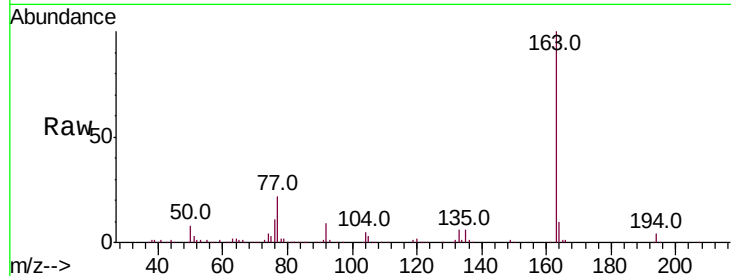
Tot Ion:163 Resp: 357488

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

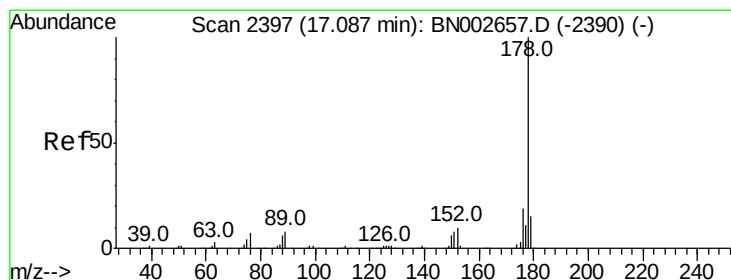
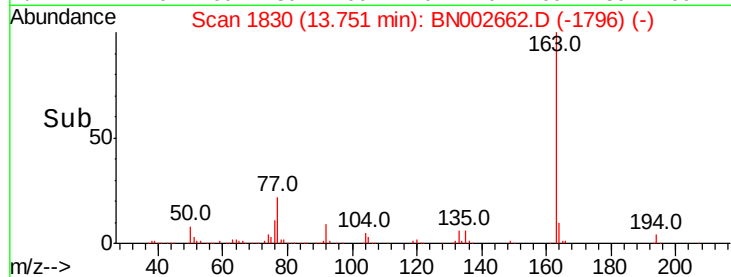
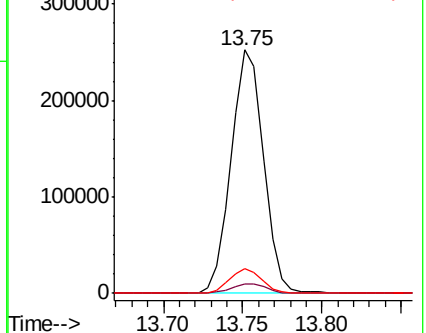
164 10.2 7.8 11.8



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: 2.021 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BN002662.D

Acq: 12 Sep 2018 19:28

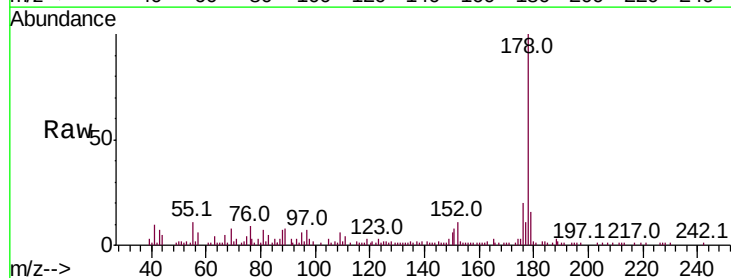
Tgt Ion:178 Resp: 79039

Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.4

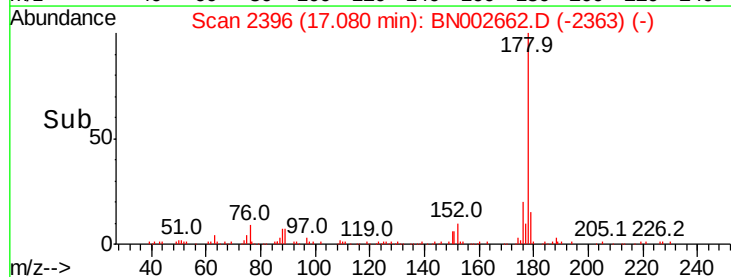
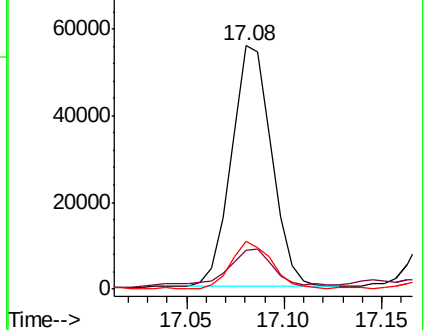
176 19.5 15.6 23.4

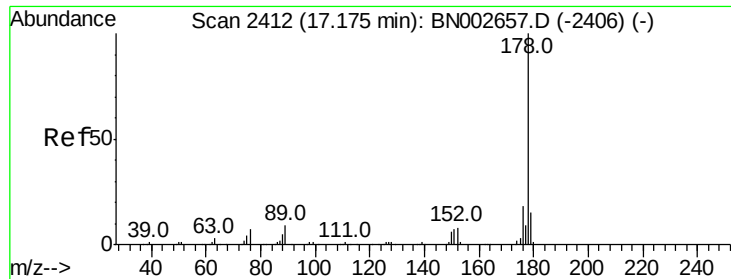


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

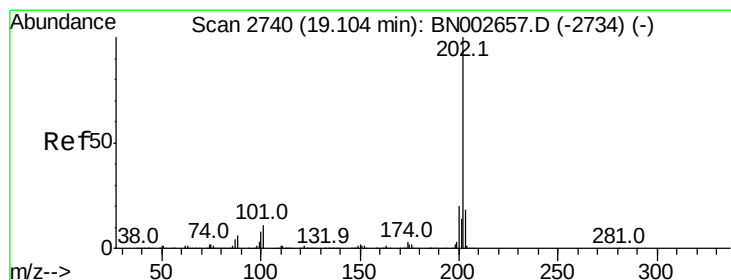
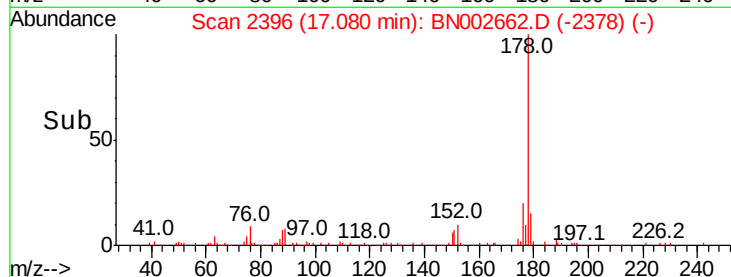
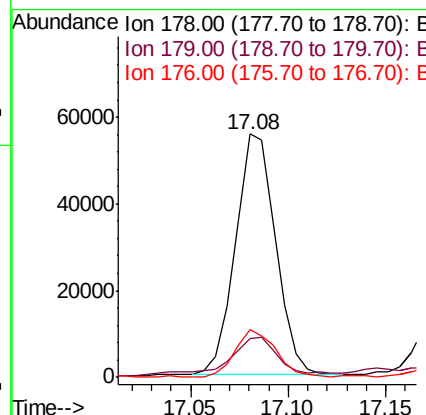
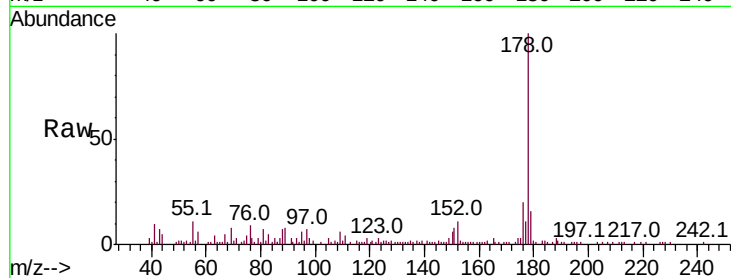




#71
 Anthracene
 Concen: 1.992 ng/ul
 RT: 17.08 min Scan# 2396
 Delta R.T. -0.09 min
 Lab File: BN002662.D
 Acq: 12 Sep 2018 19:28

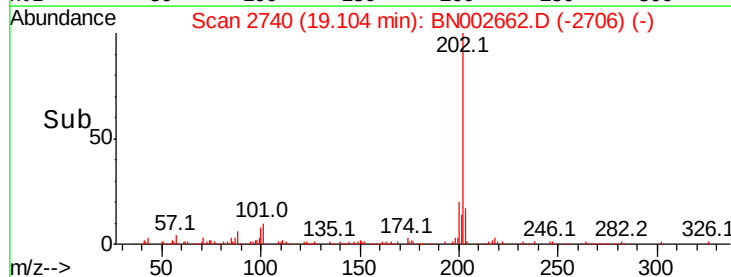
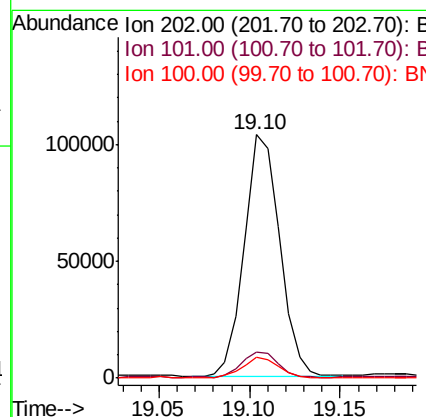
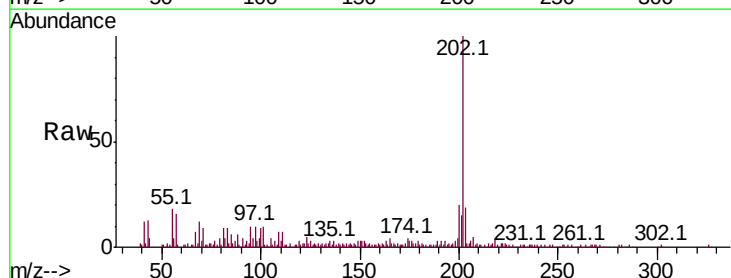
Instrument :
 BNA_N
 ClientSampleId :

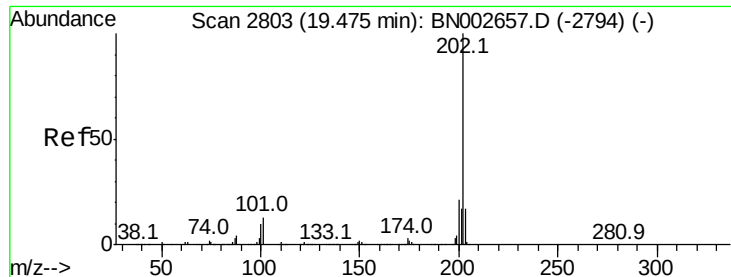
Tot Ion:178 Resp: 79039
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.1 18.1
 176 19.5 14.8 22.2



#76
 Fluoranthene
 Concen: 3.202 ng/ul
 RT: 19.10 min Scan# 2740
 Delta R.T. -0.00 min
 Lab File: BN002662.D
 Acq: 12 Sep 2018 19:28

Tgt Ion:202 Resp: 142565
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.8 13.2
 100 8.7 6.6 9.8

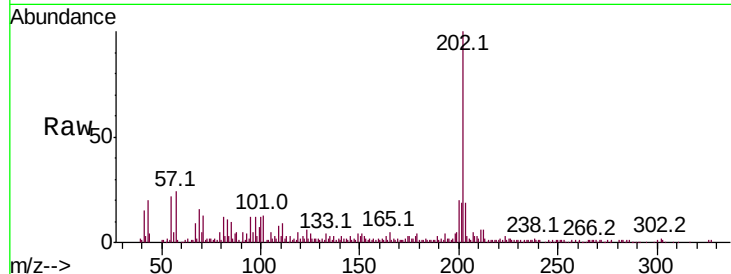




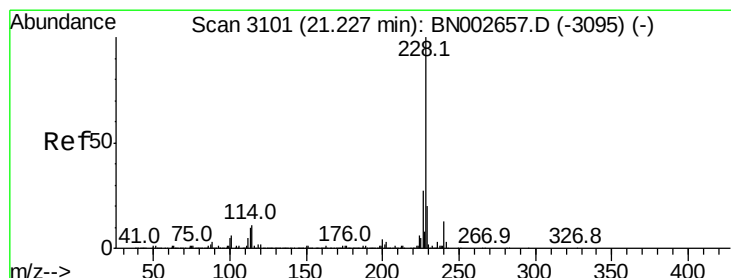
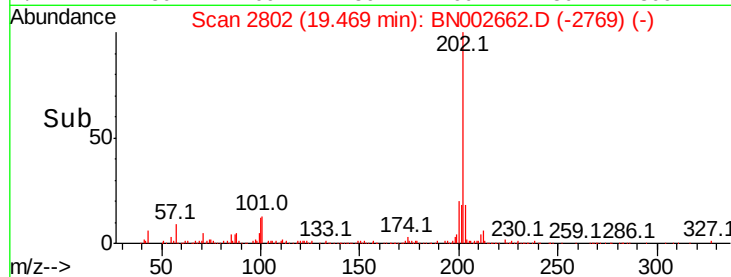
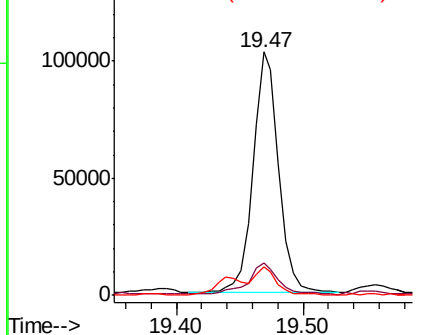
#79
Pvrene
Concen: 3.921 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BN002662.D
Acq: 12 Sep 2018 19:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.2	15.2
100	11.7	8.5	12.7

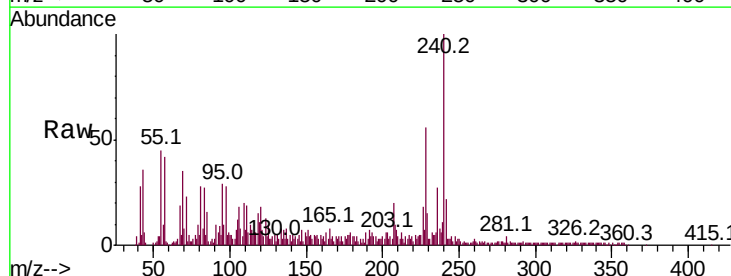


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

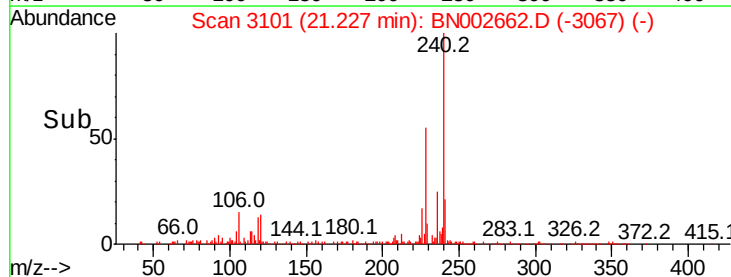
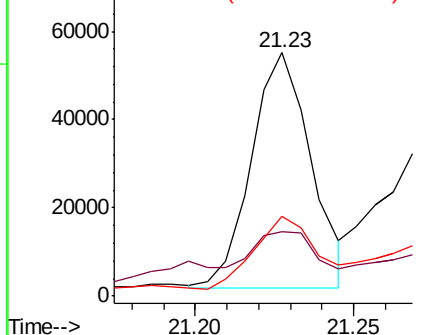


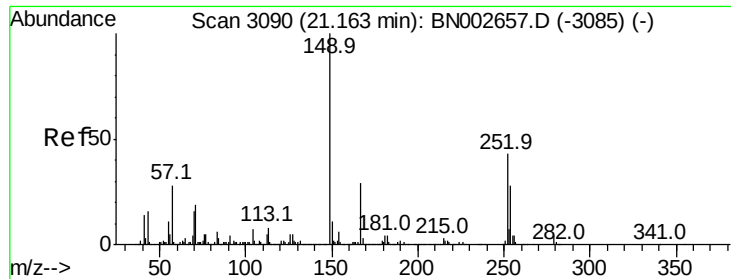
#82
Benzo(a)anthracene
Concen: 1.875 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BN002662.D
Acq: 12 Sep 2018 19:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	26.6	15.7	23.5#
226	33.0	21.8	32.6#



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

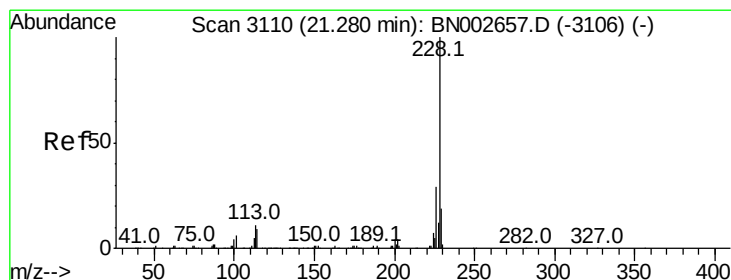
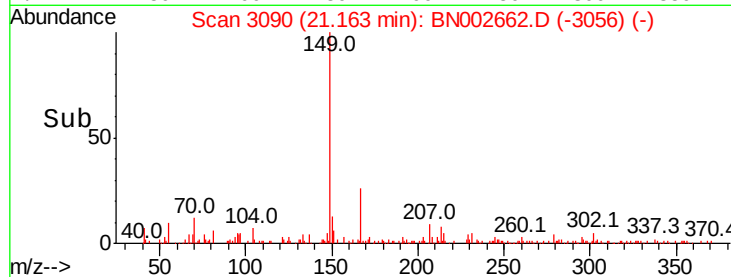
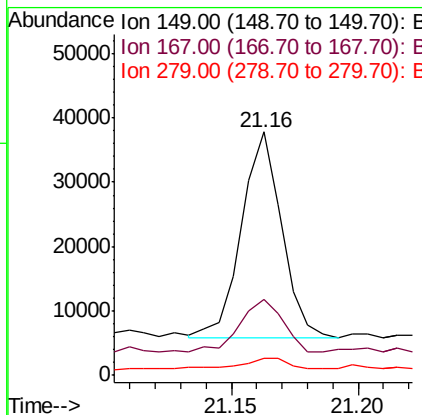
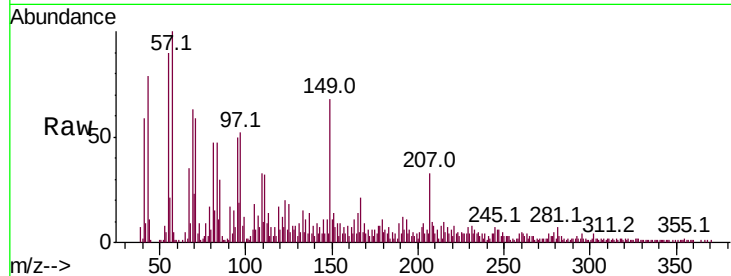




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.525 ng/ul
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.00 min
 Lab File: BN002662.D
 Acq: 12 Sep 2018 19:28

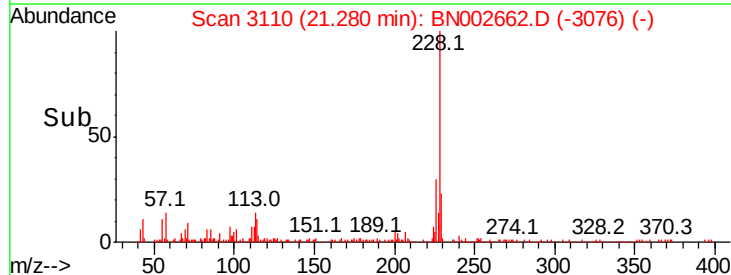
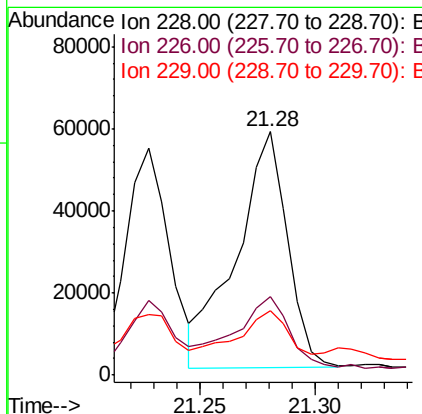
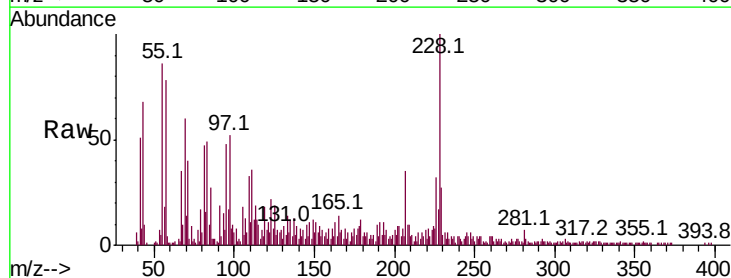
Instrument :
 BNA_N
 ClientSampled :

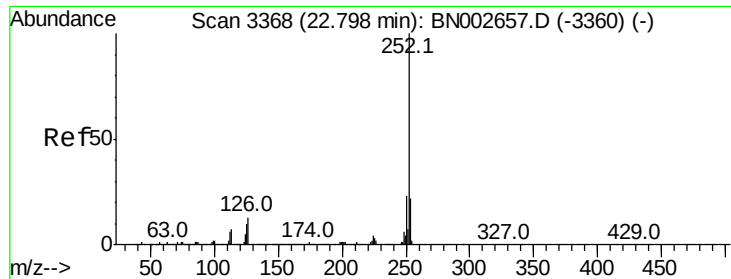
Tot Ion:149 Resp: 35588
 Ion Ratio Lower Upper
 149 100
 167 31.1 21.6 32.4
 279 7.0 3.0 4.4#



#84
 Chrysene
 Concen: 2.513 ng/ul
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BN002662.D
 Acq: 12 Sep 2018 19:28

Tgt Ion:228 Resp: 88749
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.0 36.0
 229 26.6 15.6 23.4#





#87

Benzo(b)fluoranthene

Concen: 3.402 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BN002662.D

Acq: 12 Sep 2018 19:28

Instrument :

BNA_N

ClientSampleId :

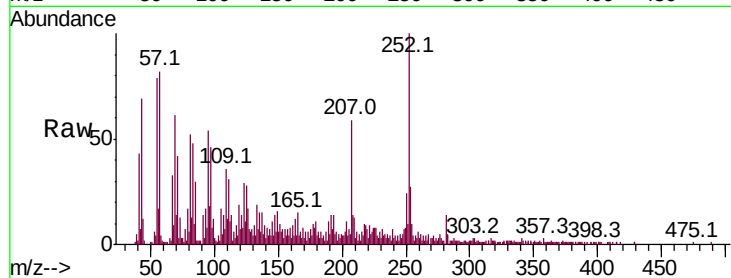
Tot Ion:252 Resp: 129872

Ion Ratio Lower Upper

252 100

253 27.0 17.5 26.3#

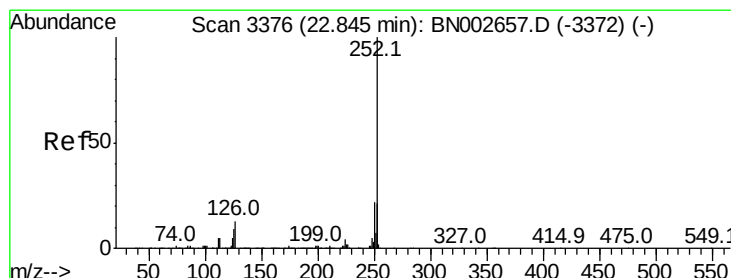
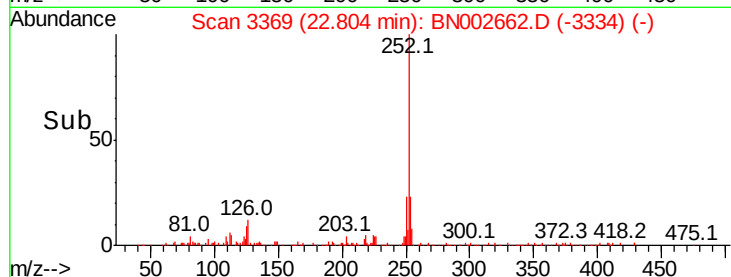
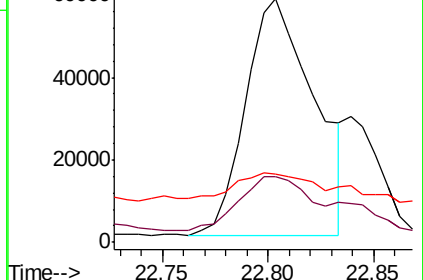
125 27.8 8.5 12.7#



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: 3.611 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.04 min

Lab File: BN002662.D

Acq: 12 Sep 2018 19:28

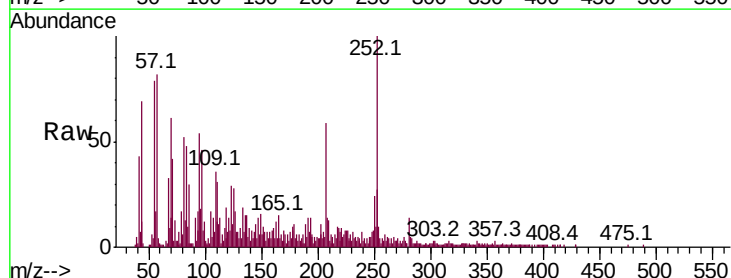
Tgt Ion:252 Resp: 129872

Ion Ratio Lower Upper

252 100

253 27.0 17.3 25.9#

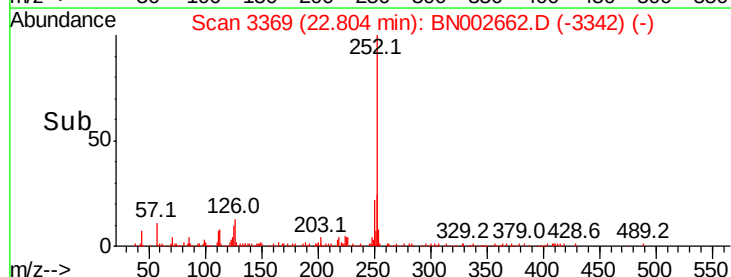
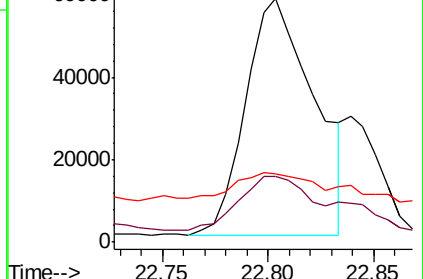
125 27.8 8.2 12.2#

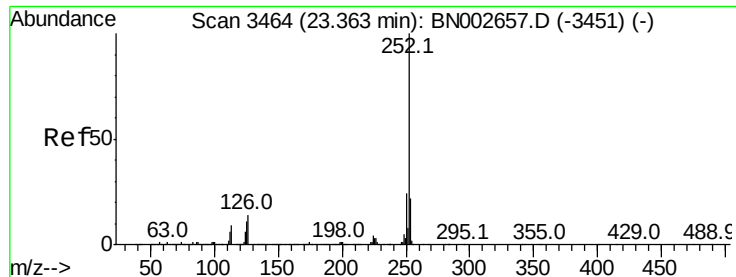


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.017 ng/ul

RT: 23.36 min Scan# 3464

Delta R.T. -0.00 min

Lab File: BN002662.D

Acq: 12 Sep 2018 19:28

Instrument :

BNA_N

ClientSampled :

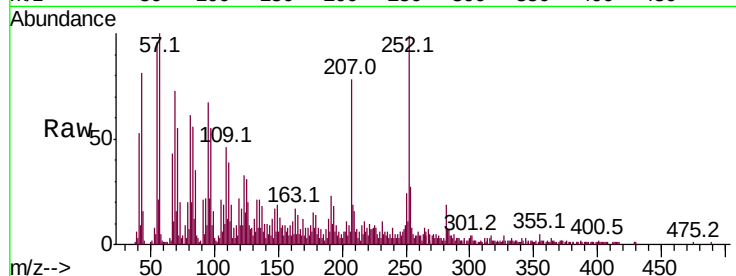
Tot Ion:252 Resp: 73355

Ion Ratio Lower Upper

252 100

253 27.0 17.2 25.8#

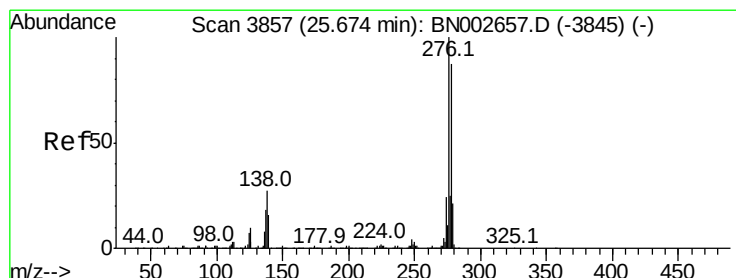
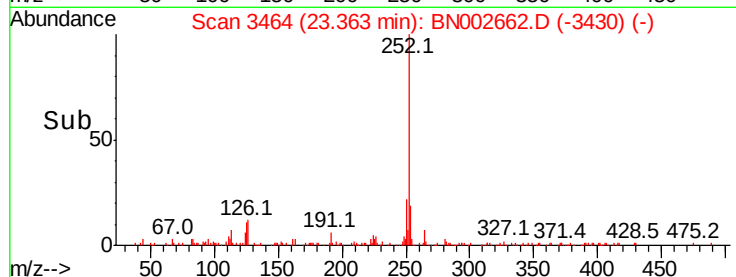
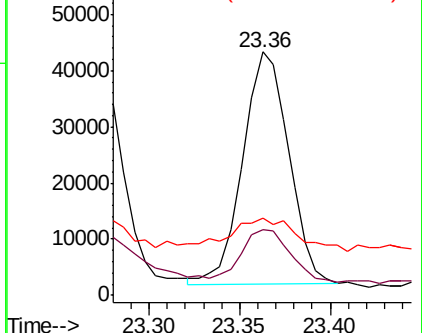
125 31.6 9.0 13.6#



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: 1.614 ng/ul

RT: 25.68 min Scan# 3858

Delta R.T. 0.01 min

Lab File: BN002662.D

Acq: 12 Sep 2018 19:28

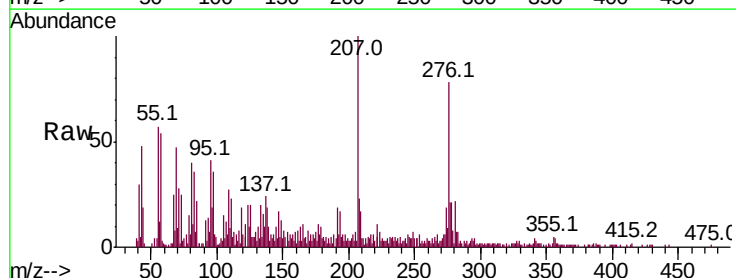
Tgt Ion:276 Resp: 69833

Ion Ratio Lower Upper

276 100

138 24.4 22.3 33.5

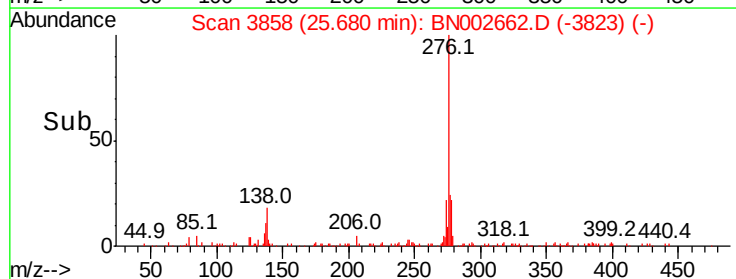
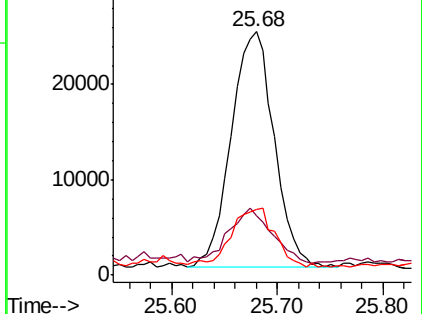
277 27.2 20.2 30.2

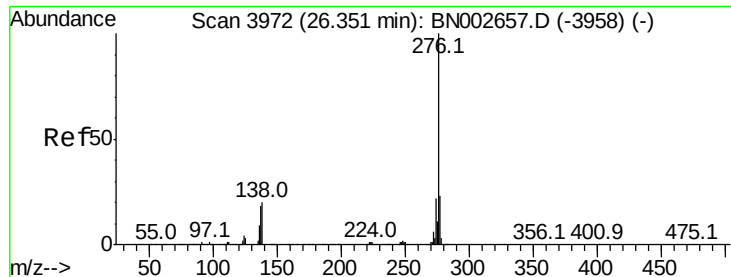


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.953 ng/ul

RT: 26.36 min Scan# 3973

Delta R.T. 0.01 min

Lab File: BN002662.D

Acq: 12 Sep 2018 19:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 70490

Ion Ratio Lower Upper

276 100

138 25.1 18.9 28.3

277 29.0 19.2 28.8#

