

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005863.D
 Acq On : 22 May 2019 22:20
 Operator : JU/SJ
 Sample : K2925-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 23 01:16:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	44807	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	194258	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	141906	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	398602	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	518345	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	662709	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	3065	3.83	ng/uL	0.00
5) Phenol-d5	6.77	99	55319	15.98	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	35370	19.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	47045	16.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	35576	12.01	ng/ul	0.02
19) Nitrobenzene-d5	8.72	128	25088	17.79	ng/ul	0.01
22) 2-Nitrophenol-d4	9.44	143	24716	15.18	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	45388	14.60	ng/ul	0.03
29) 4-Chloroaniline-d4	10.50	131	43329	12.55	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	223315	20.45	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	265233	19.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	2444	1.59	ng/ul	0.06
57) Fluorene-d10	15.20	176	202971	21.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	11112	4.64	ng/ul	0.02
70) Anthracene-d10	17.06	188	351170	20.39	ng/ul	0.00
78) Pyrene-d10	19.37	212	485032	18.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	626103	21.06	ng/ul	0.00

Target Compounds

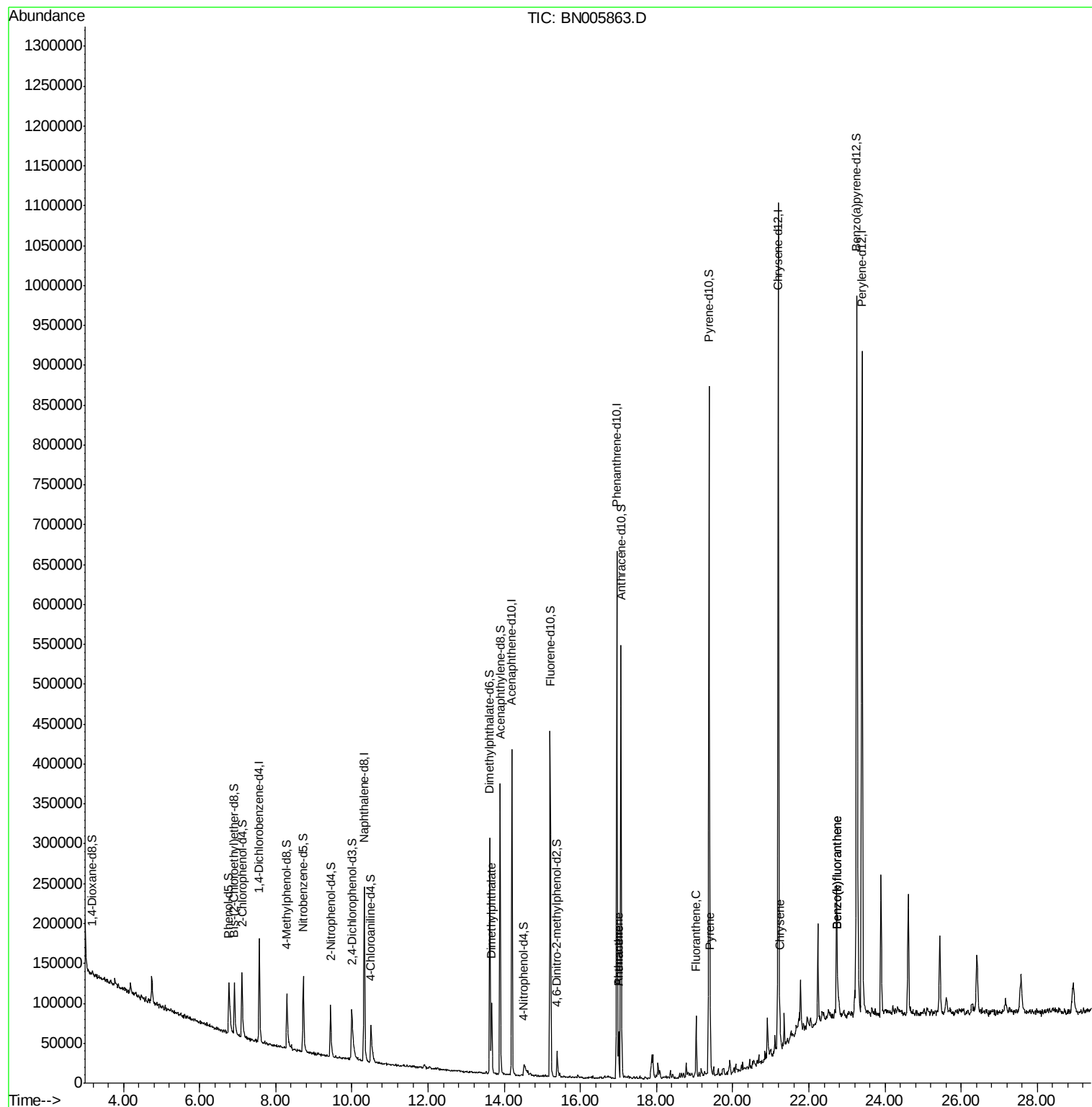
					Ovalue	
44) Dimethylphthalate	13.67	163	64867	6.026	ng/ul#	96
69) Phenanthrene	17.00	178	37593	1.903	ng/ul	98
71) Anthracene	17.00	178	37593	1.869	ng/ul	98
76) Fluoranthene	19.04	202	48763	1.996	ng/ul#	87
79) Pyrene	19.41	202	52234	1.641	ng/ul#	87
84) Chrysene	21.23	228	36802	1.195	ng/ul	94
87) Benzo(b)fluoranthene	22.75	252	37489	1.028	ng/ul	98
88) Benzo(k)fluoranthene	22.75	252	37489	1.063	ng/ul	99

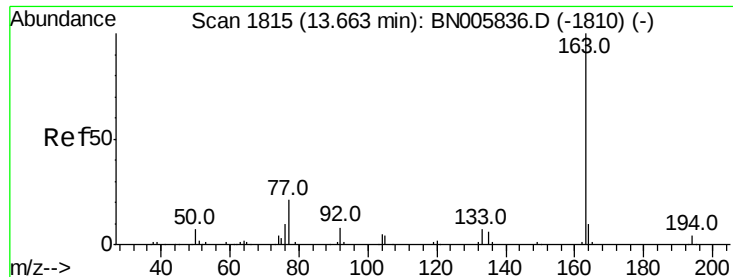
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 6.026 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BN005863.D

Acq: 22 May 2019 22:20

Instrument :

BNA_N

ClientSampled :

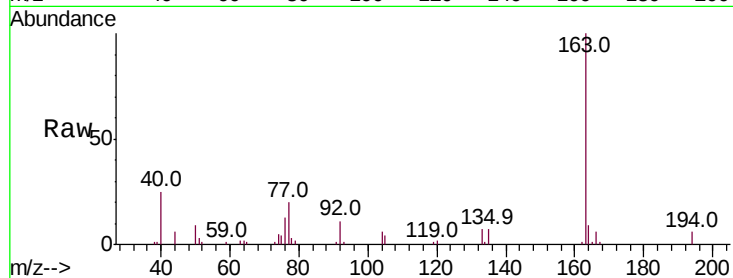
Tot Ion:163 Resp: 64867

Ion Ratio Lower Upper

163 100

194 6.0 3.4 5.0#

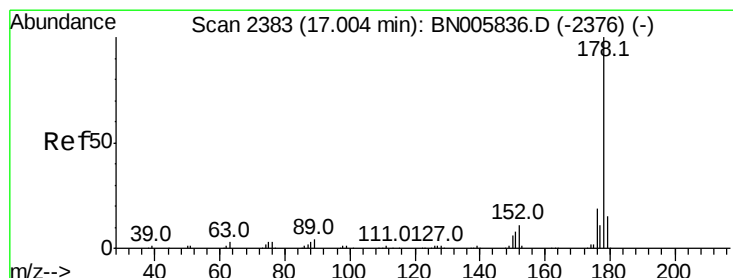
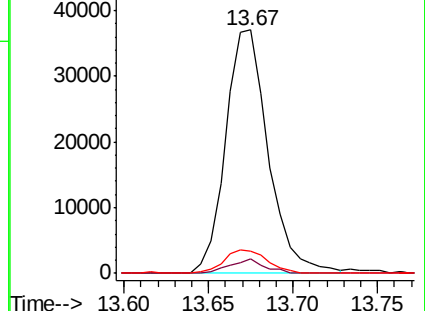
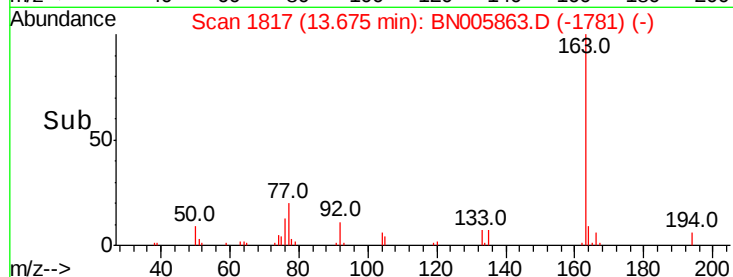
164 9.0 8.1 12.1



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: 1.903 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN005863.D

Acq: 22 May 2019 22:20

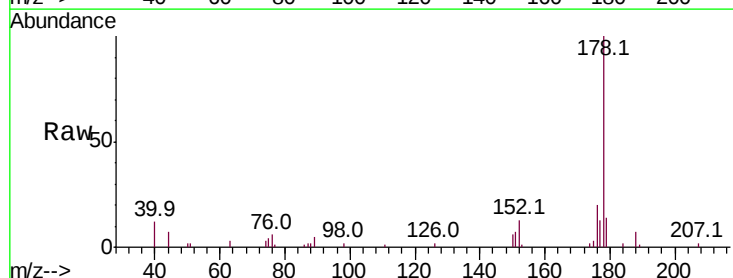
Tgt Ion:178 Resp: 37593

Ion Ratio Lower Upper

178 100

179 14.5 12.2 18.4

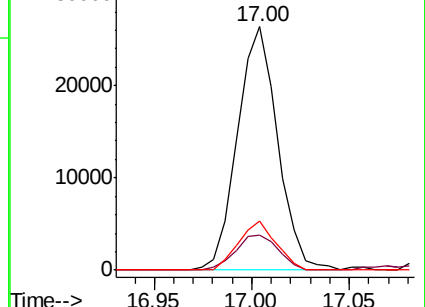
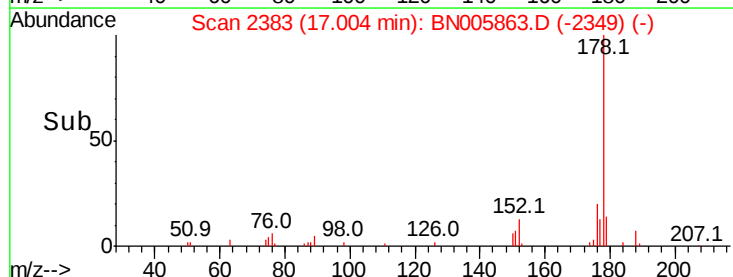
176 19.9 15.1 22.7

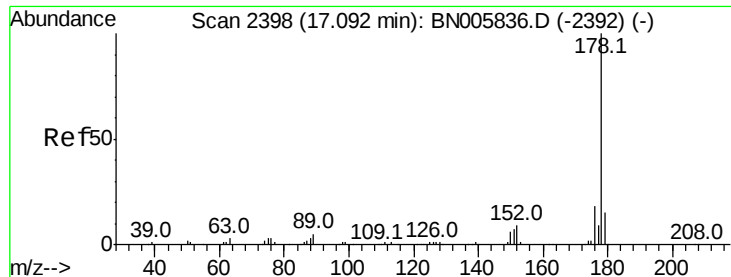


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

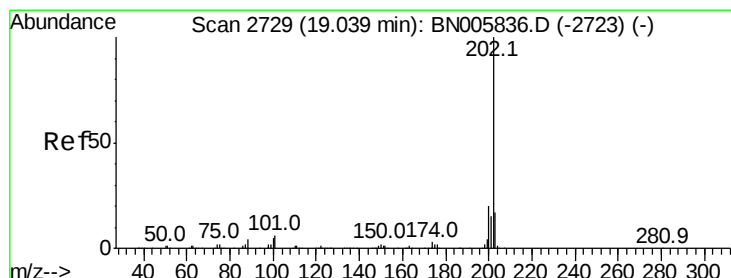
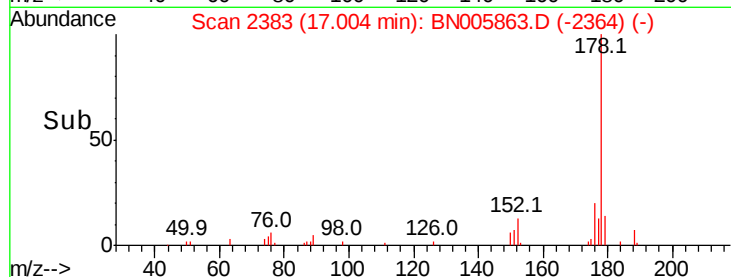
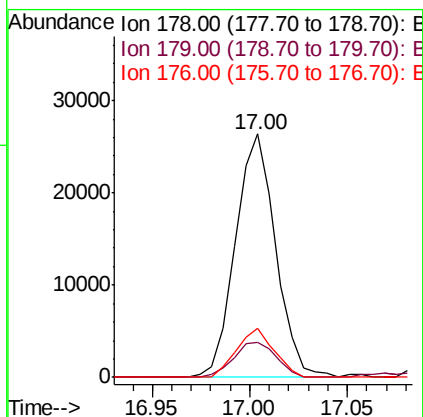
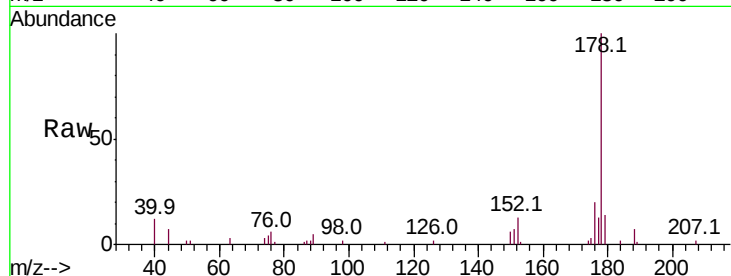




#71
 Anthracene
 Concen: 1.869 ng/ul
 RT: 17.00 min Scan# 2383
 Delta R.T. -0.09 min
 Lab File: BN005863.D
 Acq: 22 May 2019 22:20

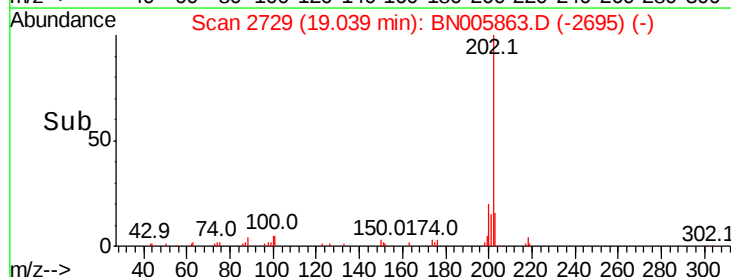
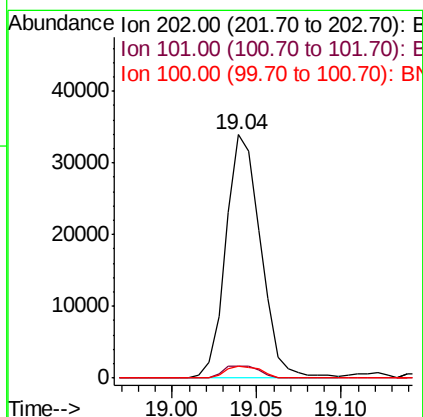
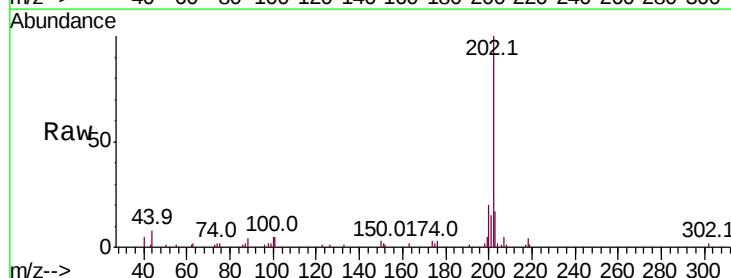
Instrument :
 BNA_N
 ClientSampleId :

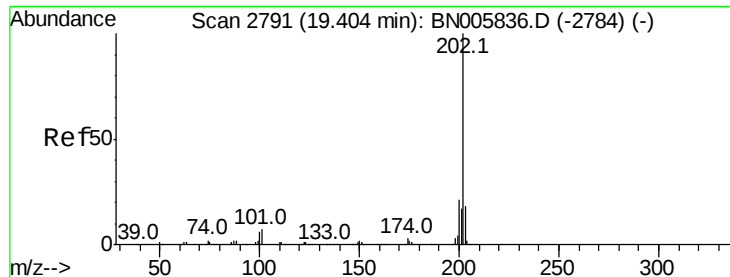
Tot Ion:178 Resp: 37593
 Ion Ratio Lower Upper
 178 100
 179 14.5 12.3 18.5
 176 19.9 15.1 22.7



#76
 Fluoranthene
 Concen: 1.996 ng/ul
 RT: 19.04 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BN005863.D
 Acq: 22 May 2019 22:20

Tgt Ion:202 Resp: 48763
 Ion Ratio Lower Upper
 202 100
 101 4.6 8.6 12.8#
 100 4.7 6.3 9.5#

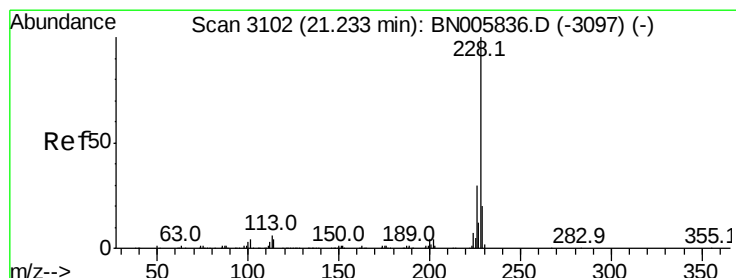
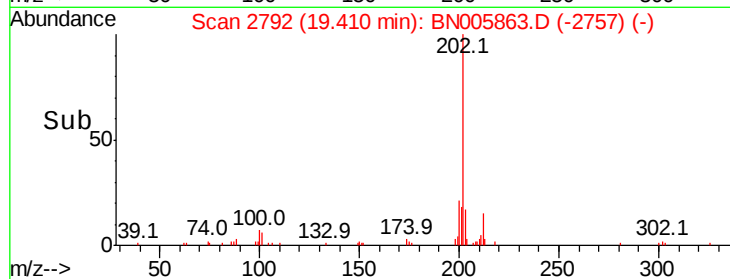
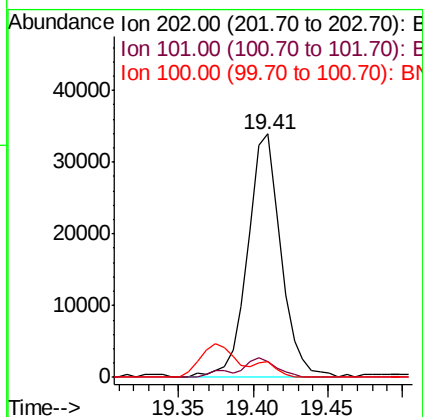
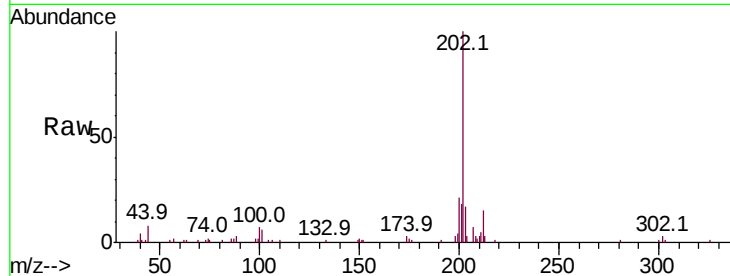




#79
 Pvrene
 Concen: 1.641 ng/ul
 RT: 19.41 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BN005863.D
 Acq: 22 May 2019 22:20

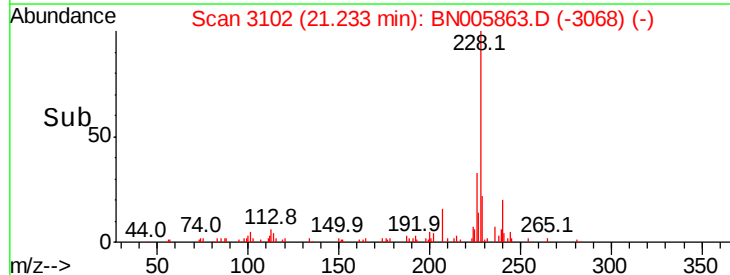
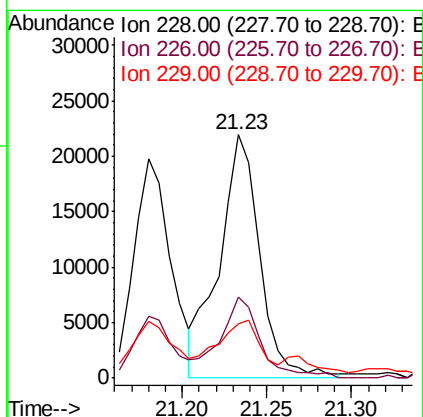
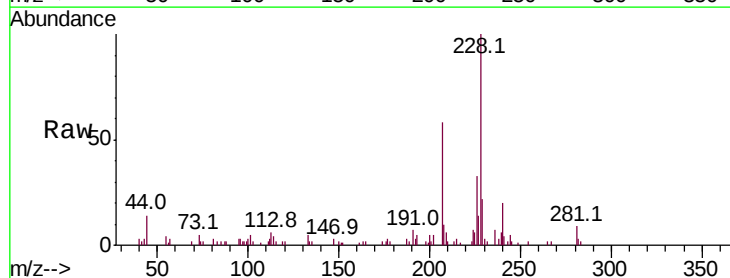
Instrument :
 BNA_N
 ClientSampleId :

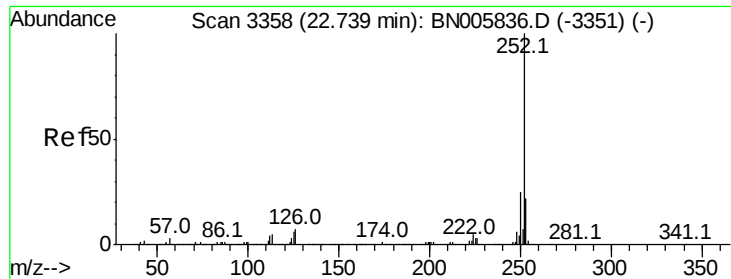
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.3	10.3	15.5#
100	6.5	7.9	11.9#



#84
 Chrysene
 Concen: 1.195 ng/ul
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BN005863.D
 Acq: 22 May 2019 22:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.0	36.0
229	22.1	15.4	23.0

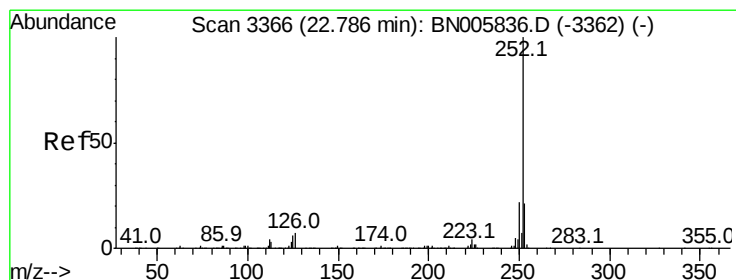
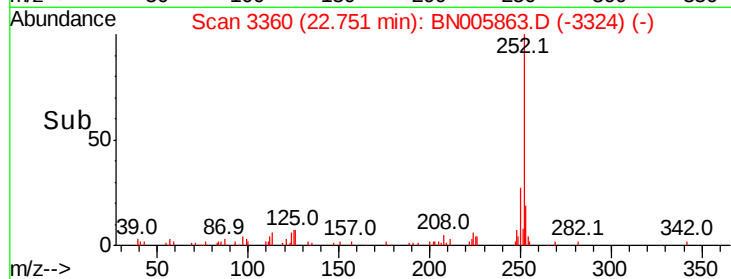
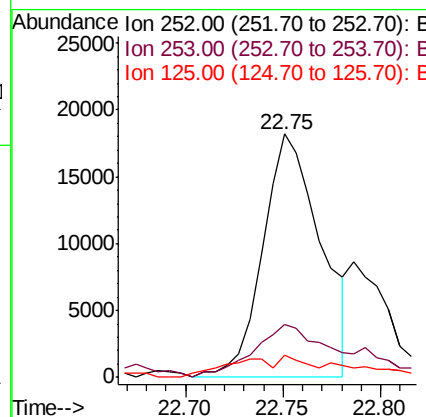
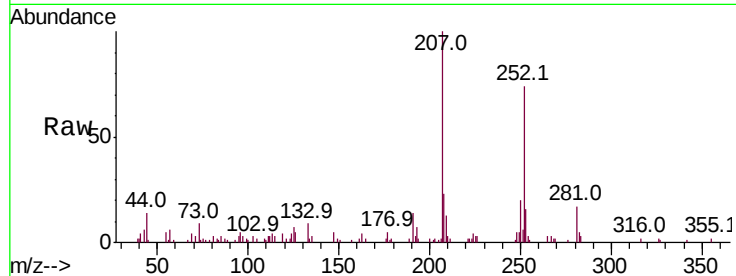




#87
Benzo(b)fluoranthene
Concen: 1.028 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BN005863.D
Acq: 22 May 2019 22:20

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	8.8	8.4	12.6



#88
Benzo(k)fluoranthene
Concen: 1.063 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BN005863.D
Acq: 22 May 2019 22:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	8.8	7.5	11.3

