

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
 Data File : BN004660.D
 Acq On : 08 Mar 2019 04:50
 Operator : JU/SJ
 Sample : K1657-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 08 05:30:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 00:36:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	38946	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	190013	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	121289	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	284704	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	334909	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	296320	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	4059	5.88	ng/uL	0.00
5) Phenol-d5	6.88	99	49621	15.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	27986	16.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	45810	16.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	45055	16.10	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	24367	16.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	28610	17.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	50018	15.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	66963	17.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	182266	17.38	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	208519	16.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	27668	14.21	ng/ul	0.00
58) Fluorene-d10	15.36	176	152425	17.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	28955	14.73	ng/ul	0.00
71) Anthracene-d10	17.21	188	238439	17.19	ng/ul	0.00
79) Pyrene-d10	19.51	212	267855	16.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	240457	15.11	ng/ul	0.00

Target Compounds

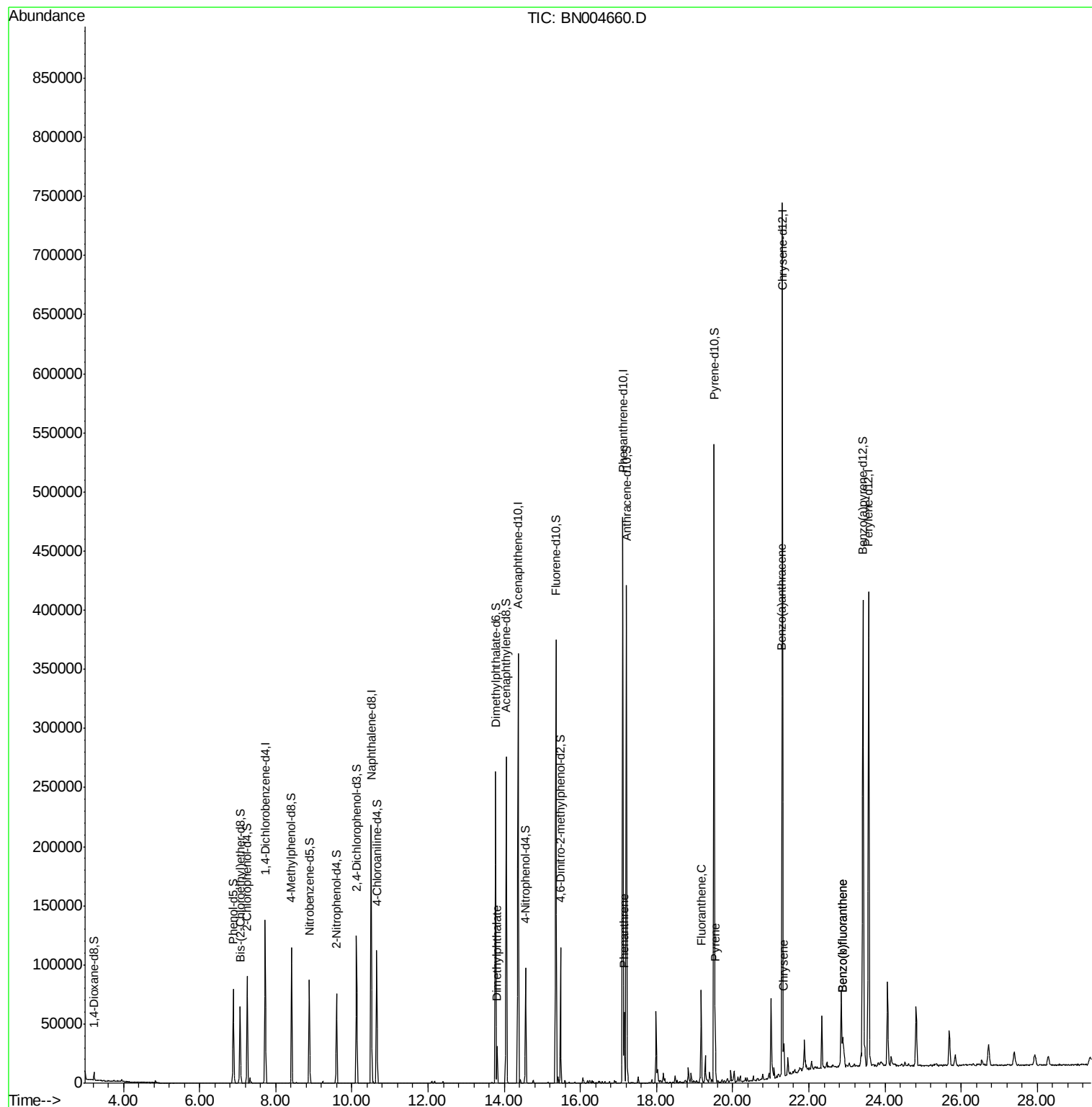
					Ovalue
45) Dimethylphthalate	13.82	163	21592	2.098 ng/ul	99
70) Phenanthrene	17.15	178	38061	2.404 ng/ul	99
77) Fluoranthene	19.17	202	50030	2.741 ng/ul	99
80) Pyrene	19.54	202	39188	1.930 ng/ul	99
83) Benzo(a)anthracene	21.29	228	23067	1.095 ng/ul	98
85) Chrysene	21.35	228	20135	1.029 ng/ul	96
88) Benzo(b)fluoranthene	22.89	252	23869	1.298 ng/ul	97
89) Benzo(k)fluoranthene	22.89	252	23869	1.320 ng/ul	97

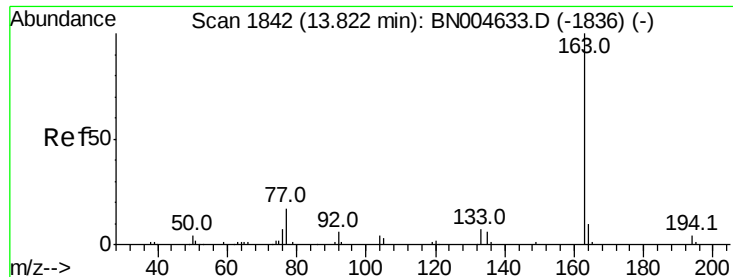
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 2.098 ng/ul

RT: 13.82 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BN004660.D

Acq: 08 Mar 2019 04:50

Instrument :

BNA_N

ClientSampled :

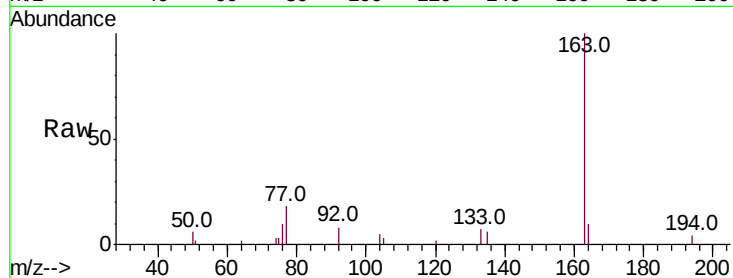
Tot Ion:163 Resp: 21592

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

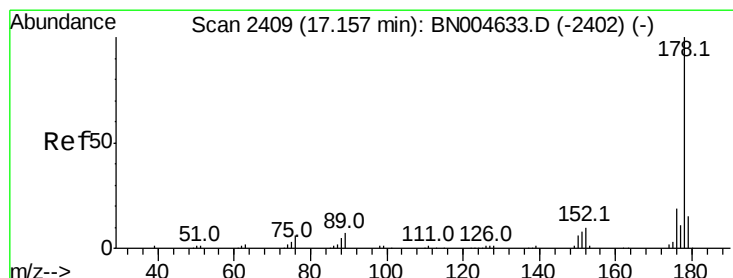
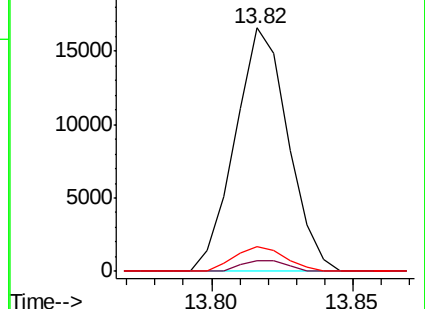
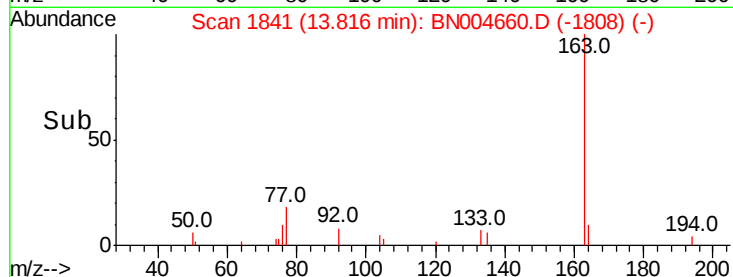
164 10.4 7.9 11.9



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



#70

Phenanthrene

Concen: 2.404 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BN004660.D

Acq: 08 Mar 2019 04:50

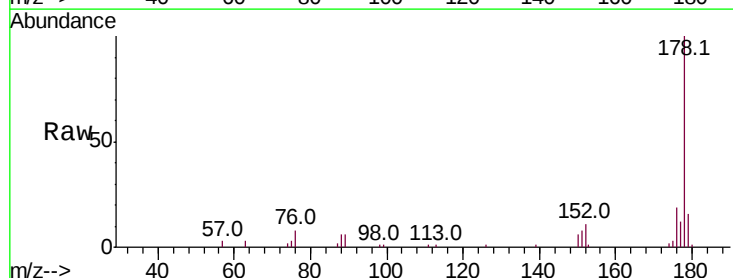
Tgt Ion:178 Resp: 38061

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

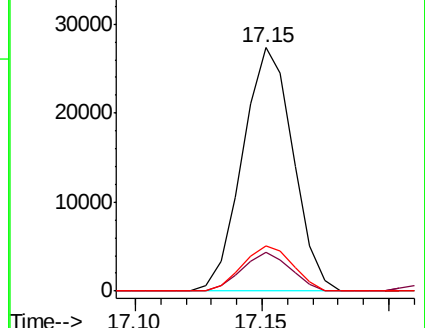
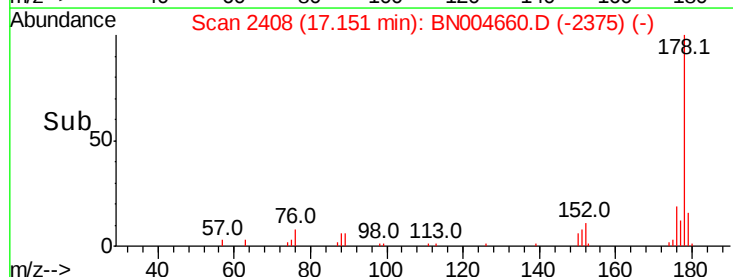
176 18.8 15.4 23.0

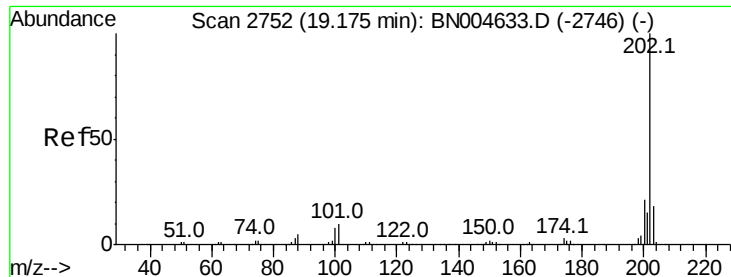


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

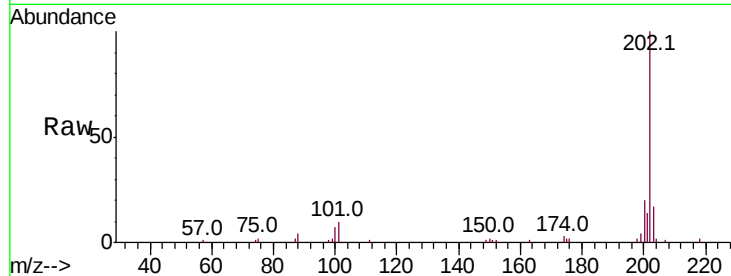




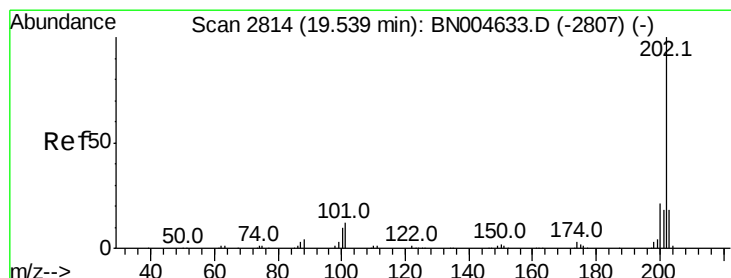
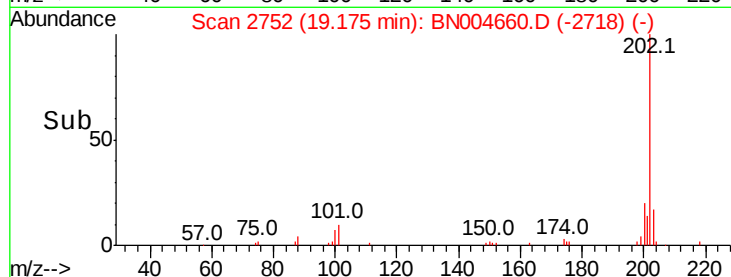
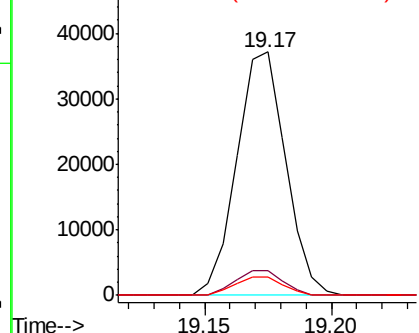
#77
Fluoranthene
 Concen: 2.741 ng/ul
 RT: 19.17 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BN004660.D
 Acq: 08 Mar 2019 04:50

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:202 Resp: 50030
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.2 12.4
 100 7.5 6.6 9.8

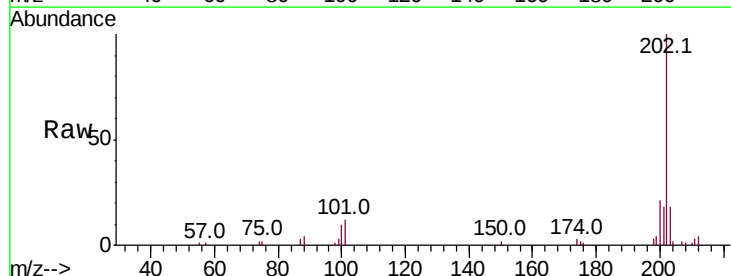


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

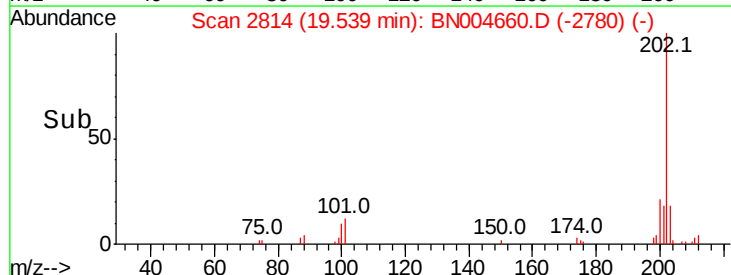
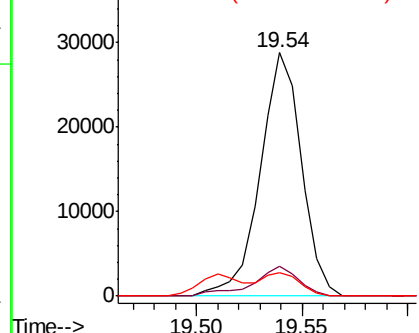


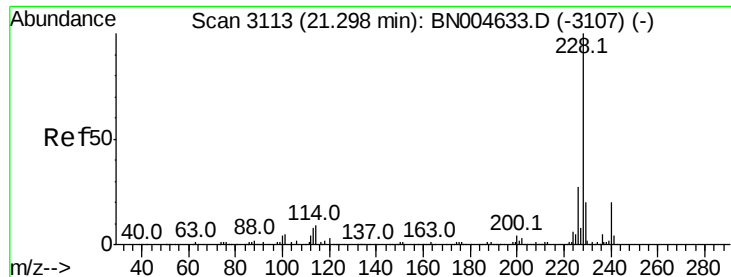
#80
Pyrene
 Concen: 1.930 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. 0.00 min
 Lab File: BN004660.D
 Acq: 08 Mar 2019 04:50

Tgt Ion:202 Resp: 39188
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.2 13.8
 100 9.6 7.5 11.3



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

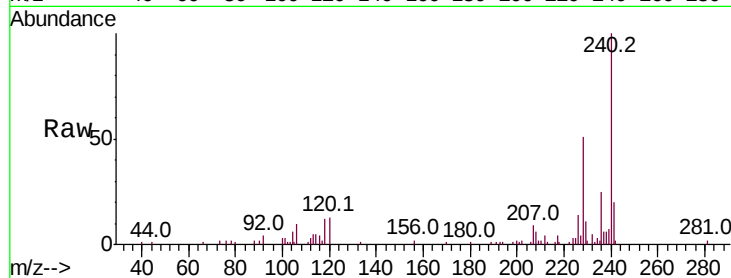




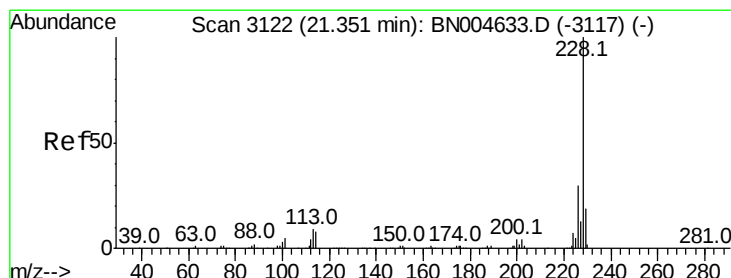
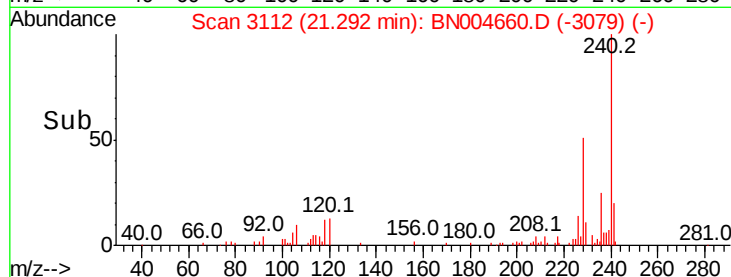
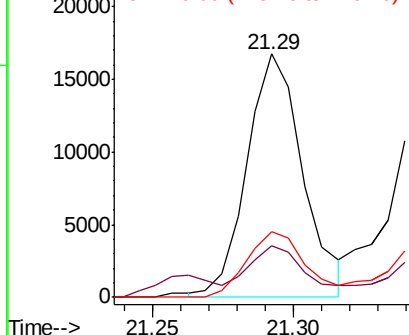
#83
Benzo(a)anthracene
Concen: 1.095 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BN004660.D
Acq: 08 Mar 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 23067
Ion Ratio Lower Upper
228 100
229 21.2 15.4 23.2
226 26.7 21.4 32.2

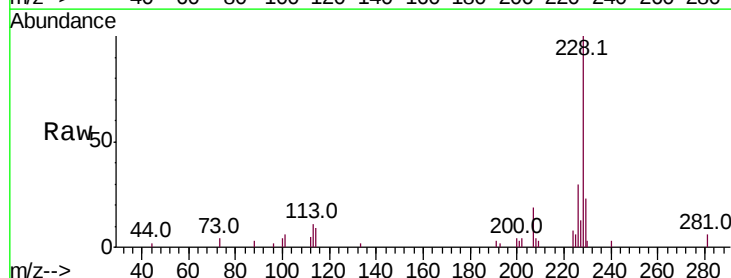


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

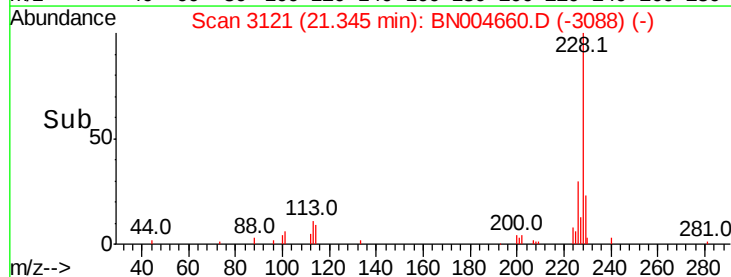
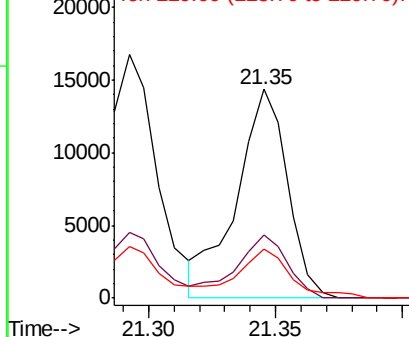


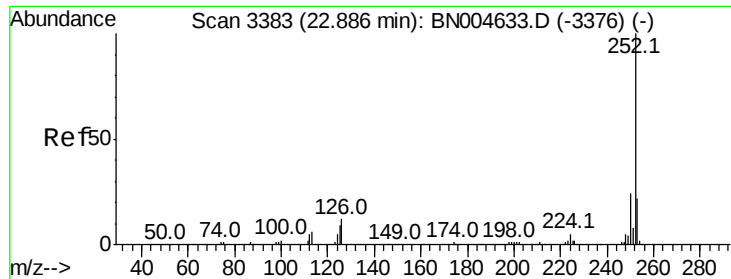
#85
Chrysene
Concen: 1.029 ng/ul
RT: 21.35 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BN004660.D
Acq: 08 Mar 2019 04:50

Tgt Ion:228 Resp: 20135
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 23.3 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.298 ng/ul

RT: 22.89 min Scan# 3383

Delta R.T. 0.00 min

Lab File: BN004660.D

Acq: 08 Mar 2019 04:50

Instrument :

BNA_N

ClientSampleId :

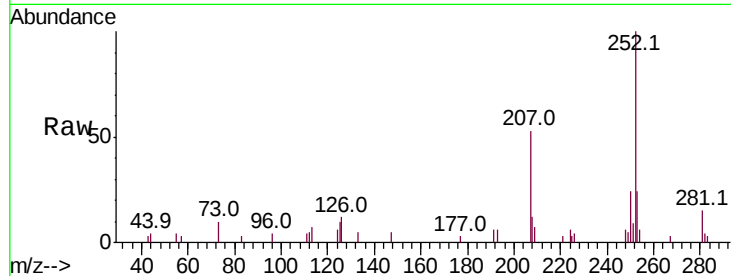
Tot Ion:252 Resp: 23869

Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

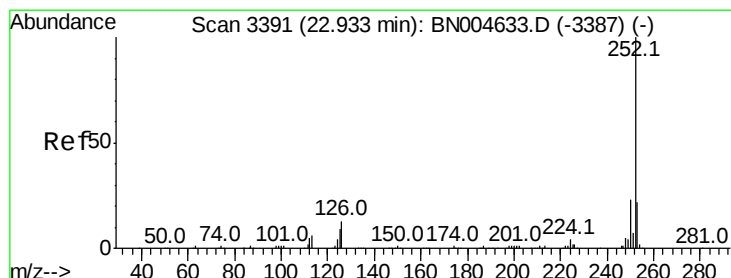
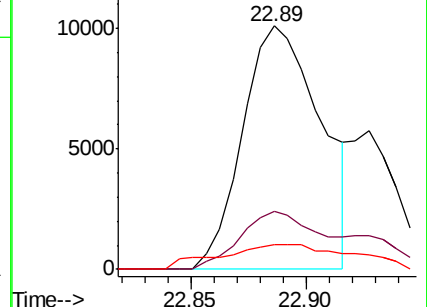
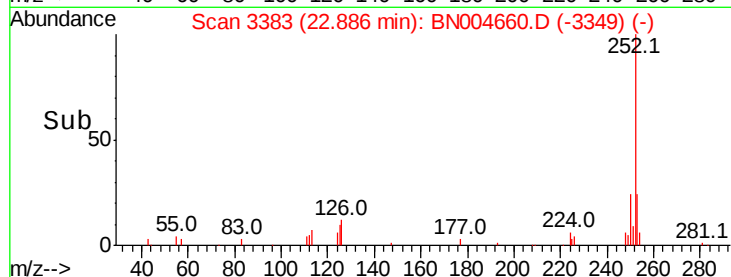
125 10.0 7.4 11.2



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



#89

Benzo(k)fluoranthene

Concen: 1.320 ng/ul

RT: 22.89 min Scan# 3383

Delta R.T. -0.05 min

Lab File: BN004660.D

Acq: 08 Mar 2019 04:50

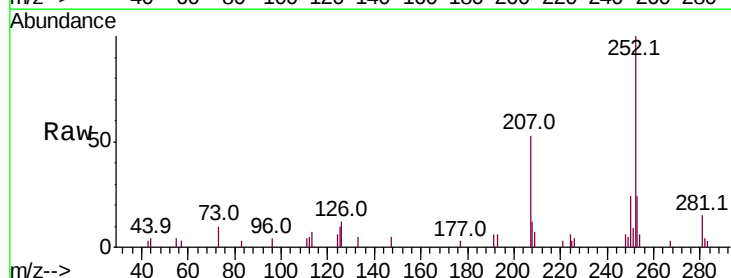
Tgt Ion:252 Resp: 23869

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.2

125 10.0 7.4 11.0



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

