

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
 Data File : BN010021.D
 Acq On : 29 Feb 2020 13:02
 Operator : CG/JU
 Sample : L1612-24
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDM6

Quant Time: Mar 02 08:25:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 29 01:38:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	102229	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	440794	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	271256	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	569165	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	496517	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	515351	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	10544	4.24	ng/uL	0.00
5) Phenol-d5	6.58	99	246757	28.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	174267	29.04	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	193601	29.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	199875	28.90	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	95814	29.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	108369	30.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	187115	27.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	242624	31.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	573927	28.33	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	706623	29.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	73475	19.86	ng/ul	0.02
58) Fluorene-d10	15.02	176	507312	29.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	63406	17.93	ng/ul	0.00
71) Anthracene-d10	16.87	188	762119	29.21	ng/ul	0.00
79) Pyrene-d10	19.19	212	820144	31.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	771175	29.97	ng/ul	0.00

Target Compounds

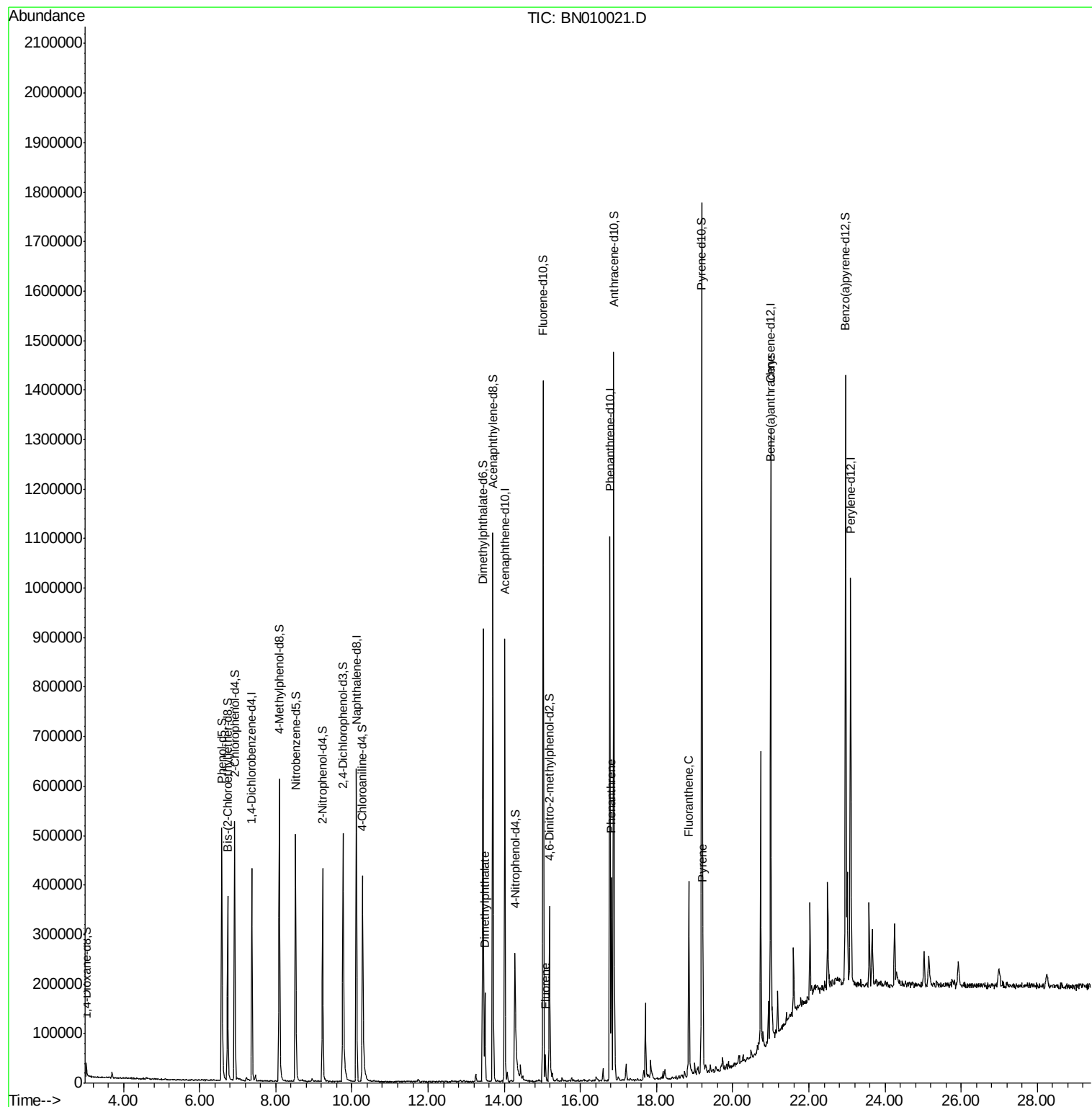
					Ovalue	
45) Dimethylphthalate	13.49	163	102809	4.863	ng/ul	96
59) Fluorene	15.08	166	21683	1.040	ng/ul#	90
70) Phenanthrene	16.82	178	235290	7.244	ng/ul	98
77) Fluoranthene	18.85	202	261614	6.876	ng/ul	98
80) Pyrene	19.22	202	181375	5.067	ng/ul	95
83) Benzo(a)anthracene	20.99	228	41254	1.209	ng/ul	98

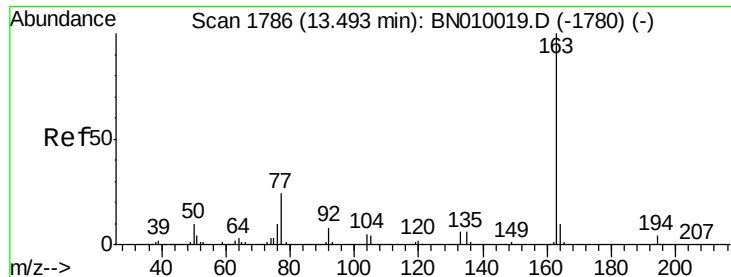
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 4.863 ng/ul

RT: 13.49 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BN010021.D

Acq: 29 Feb 2020 13:02

Instrument :

BNA_N

ClientSampleId :

DBDM6

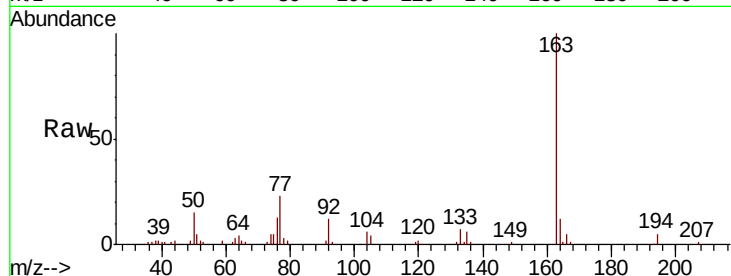
Tot Ion:163 Resp: 102809

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.0

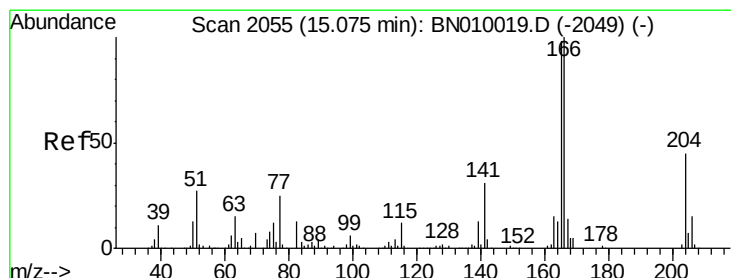
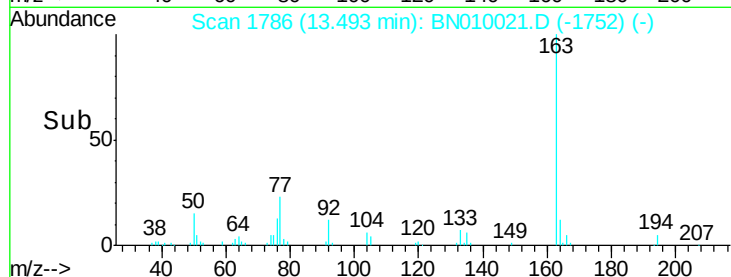
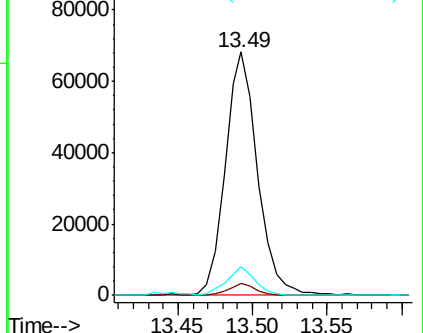
164 11.5 8.0 12.0



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



#59

Fluorene

Concen: 1.040 ng/ul

RT: 15.08 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BN010021.D

Acq: 29 Feb 2020 13:02

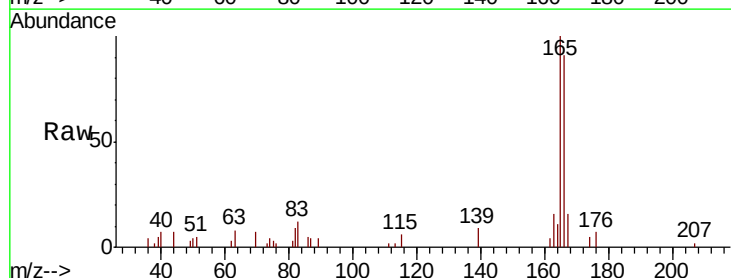
Tgt Ion:166 Resp: 21683

Ion Ratio Lower Upper

166 100

165 110.0 79.8 119.8

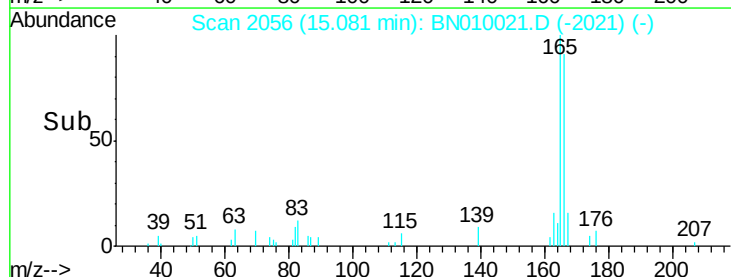
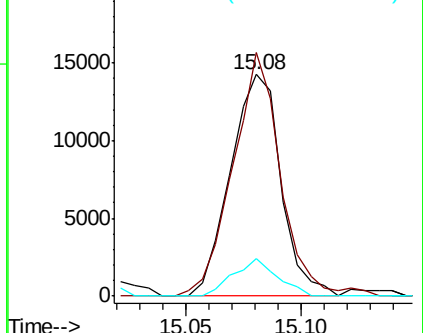
167 17.2 10.7 16.1#

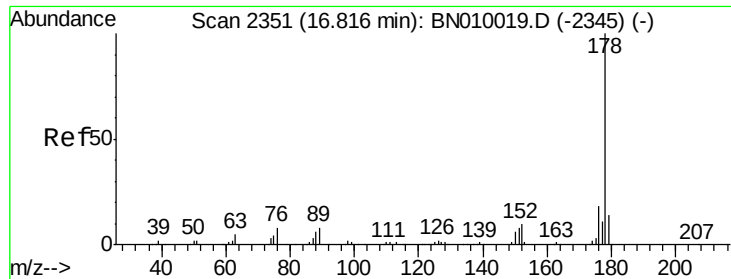


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

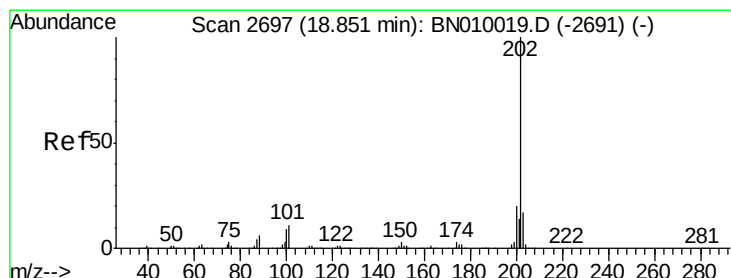
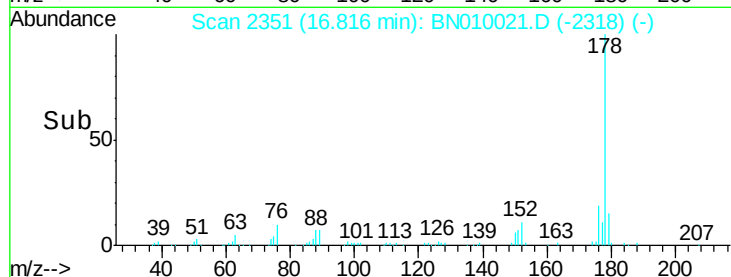
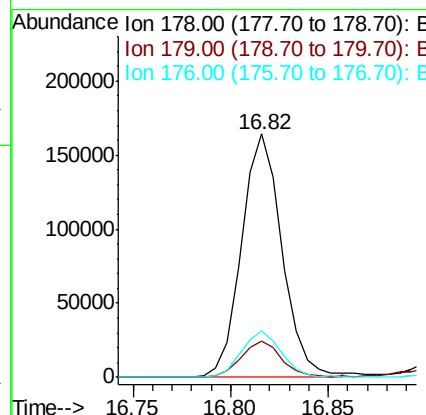
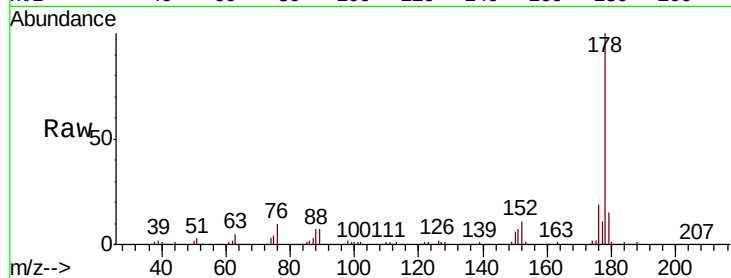




#70
Phenanthrene
Concen: 7.244 ng/ul
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BN010021.D
Acq: 29 Feb 2020 13:02

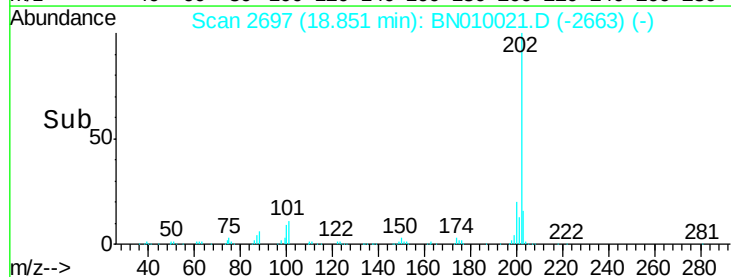
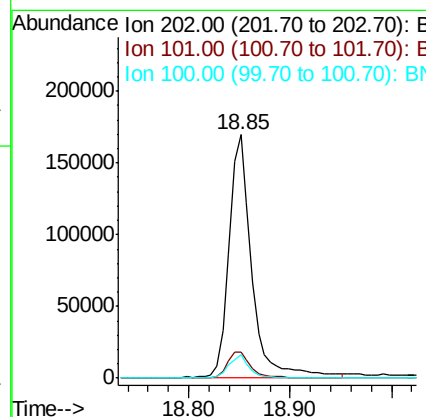
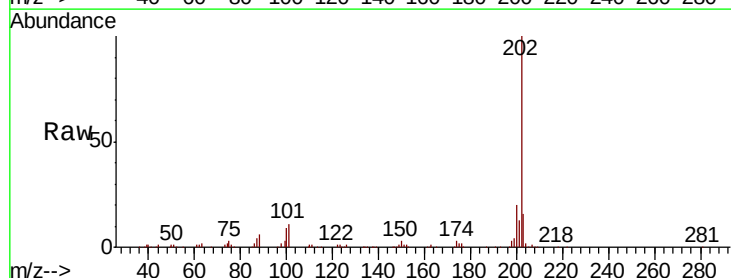
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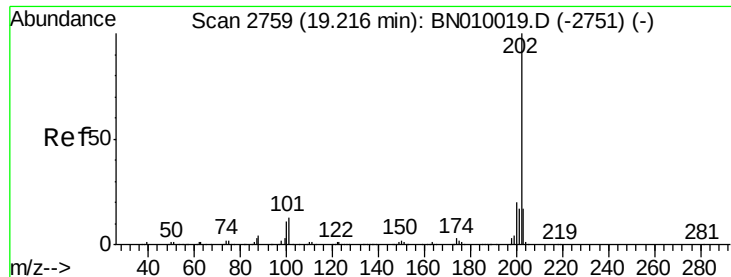
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.5	18.7
176	18.8	14.6	22.0



#77
Fluoranthene
Concen: 6.876 ng/ul
RT: 18.85 min Scan# 2697
Delta R.T. 0.00 min
Lab File: BN010021.D
Acq: 29 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.4	14.2
100	9.5	7.2	10.8

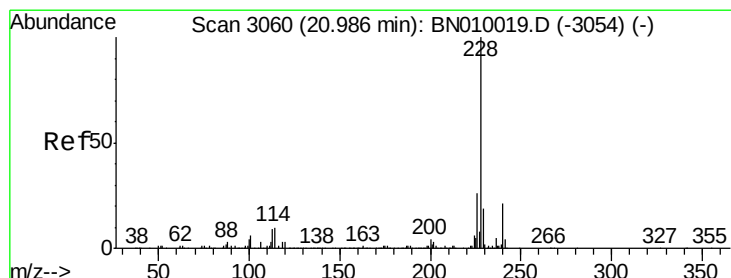
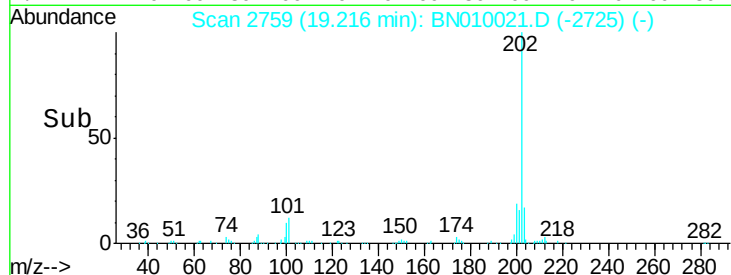
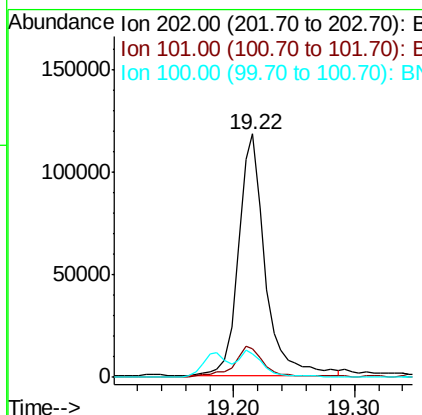
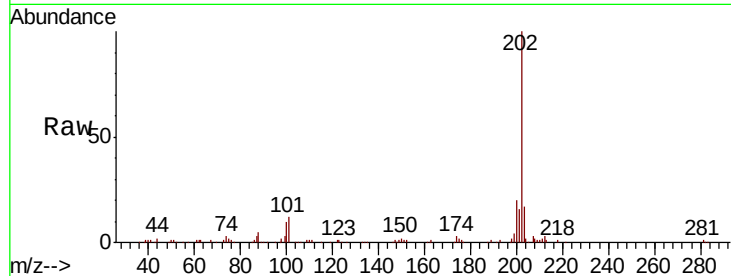




#80
 Pvrene
 Concen: 5.067 ng/ul
 RT: 19.22 min Scan# 2759
 Delta R.T. 0.00 min
 Lab File: BN010021.D
 Acq: 29 Feb 2020 13:02

Instrument :
 BNA_N
 ClientSampleId :
 DBDM6

Tot Ion:202 Resp: 181375
 Ion Ratio Lower Upper
 202 100
 101 11.8 11.3 16.9
 100 9.6 9.0 13.6



#83
 Benzo(a)anthracene
 Concen: 1.209 ng/ul
 RT: 20.99 min Scan# 3060
 Delta R.T. 0.00 min
 Lab File: BN010021.D
 Acq: 29 Feb 2020 13:02

Tgt Ion:228 Resp: 41254
 Ion Ratio Lower Upper
 228 100
 229 19.1 15.0 22.4
 226 25.3 21.4 32.2

