

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
 Data File : BN009992.D
 Acq On : 28 Feb 2020 18:57
 Operator : CG/JU
 Sample : L1612-24RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 28 21:58:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	78554	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	331385	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	210098	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	455037	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	418166	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	455279	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	10293	5.39	ng/uL	0.00
5) Phenol-d5	6.58	99	192816	28.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	142996	31.01	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.92	132	157107	31.23	ng/ul	-0.01
13) 4-Methylphenol-d8	8.09	113	165774	31.19	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	76951	31.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	84421	31.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	140973	27.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	197852	34.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	513575	32.73	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	602968	32.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	461	0.16	ng/ul	0.14
58) Fluorene-d10	15.02	176	460943	34.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	57424	20.31	ng/ul	0.00
71) Anthracene-d10	16.87	188	704843	33.79	ng/ul	0.00
79) Pyrene-d10	19.19	212	765419	35.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	782274	34.41	ng/ul	0.00

Target Compounds

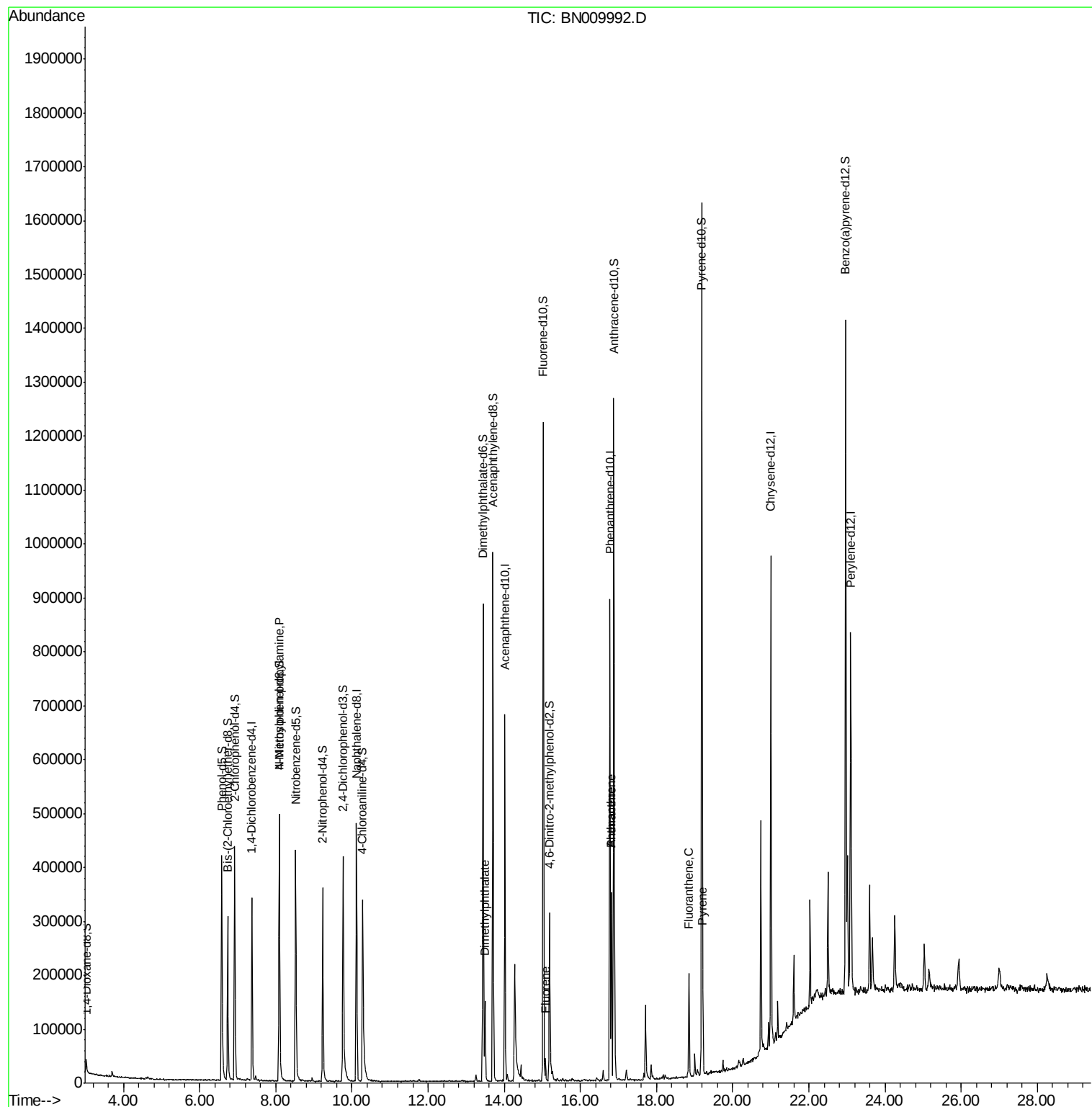
					Ovalue	
15) N-Nitroso-di-n-propylamine	8.09	70	5038	1.113	ng/ul#	1
45) Dimethylphthalate	13.50	163	89978	5.495	ng/ul#	99
59) Fluorene	15.08	166	17733	1.098	ng/ul#	94
70) Phenanthrene	16.82	178	195265	7.519	ng/ul	97
72) Anthracene	16.82	178	195265	7.355	ng/ul	97
77) Fluoranthene	18.85	202	111307	3.659	ng/ul	96
80) Pyrene	19.22	202	78128	2.591	ng/ul	96

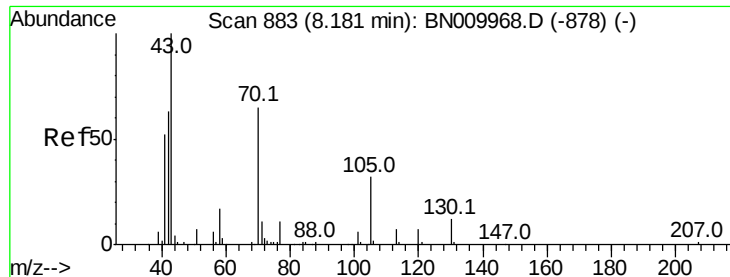
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

N-Nitroso-di-n-propylamine

Concen: 1.113 ng/ul

RT: 8.09 min Scan# 868

Delta R.T. -0.09 min

Lab File: BN009992.D

Acq: 28 Feb 2020 18:57

Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 5038

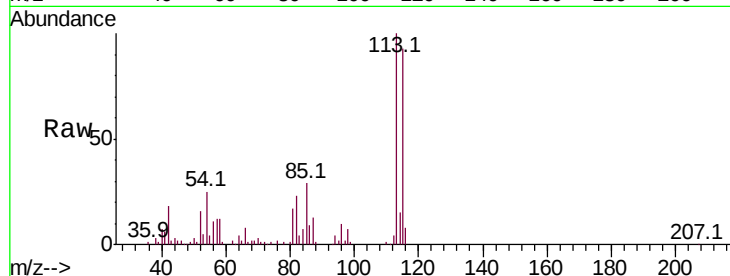
Ion Ratio Lower Upper

70 100

42 545.2 72.6 108.8#

101 0.0 7.7 11.5#

130 0.0 14.7 22.1#

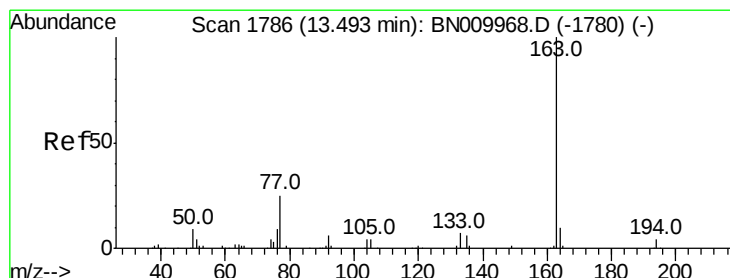
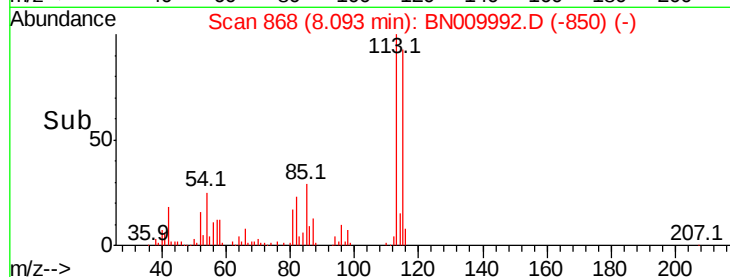
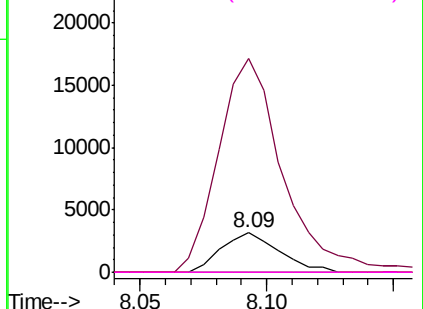


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#45

Dimethylphthalate

Concen: 5.495 ng/ul

RT: 13.50 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BN009992.D

Acq: 28 Feb 2020 18:57

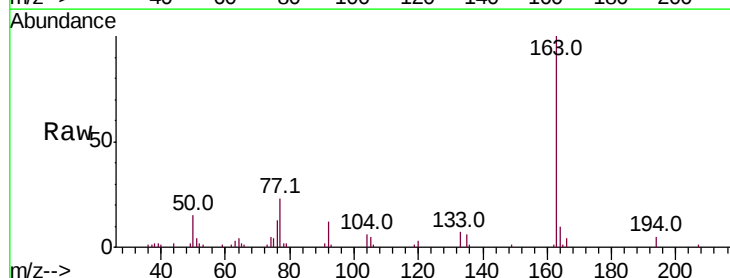
Tgt Ion:163 Resp: 89978

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.0#

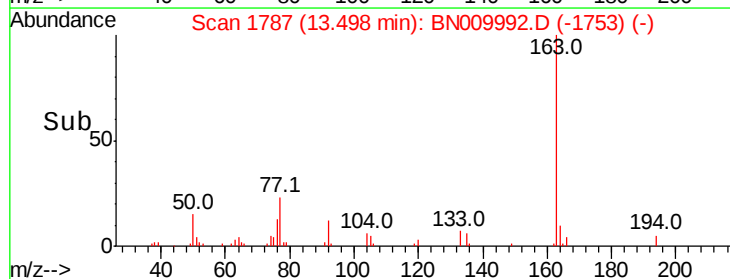
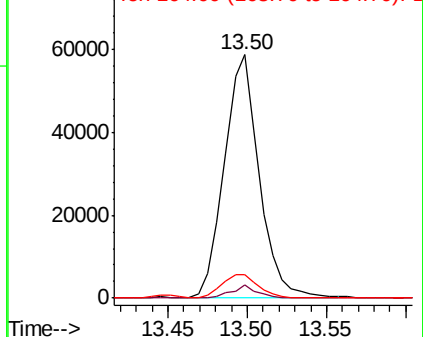
164 9.8 8.0 12.0

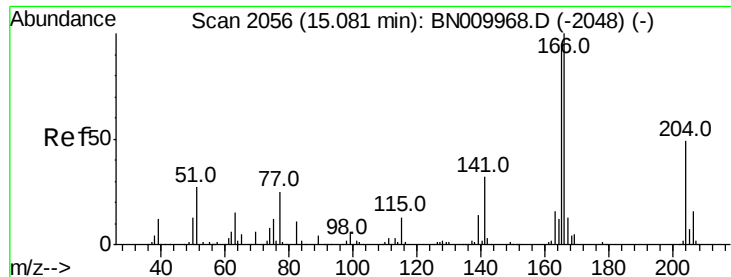


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#59

Fluorene

Concen: 1.098 ng/ul

RT: 15.08 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BN009992.D

Acq: 28 Feb 2020 18:57

Instrument :

BNA_N

ClientSampleId :

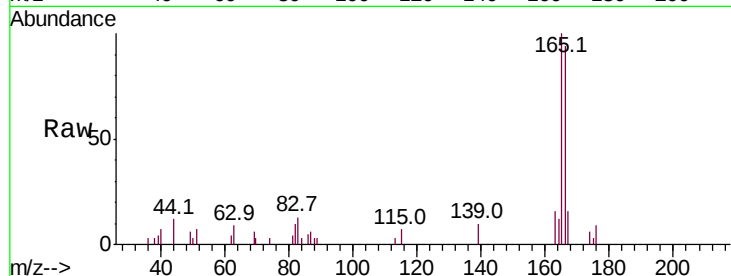
Tot Ion:166 Resp: 17733

Ion Ratio Lower Upper

166 100

165 105.9 79.8 119.8

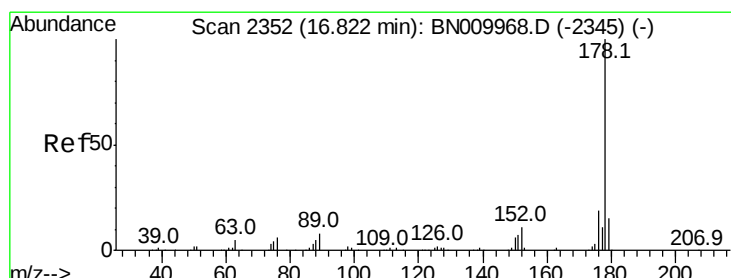
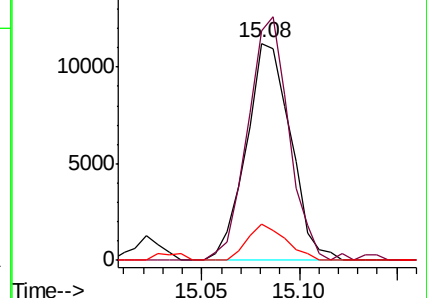
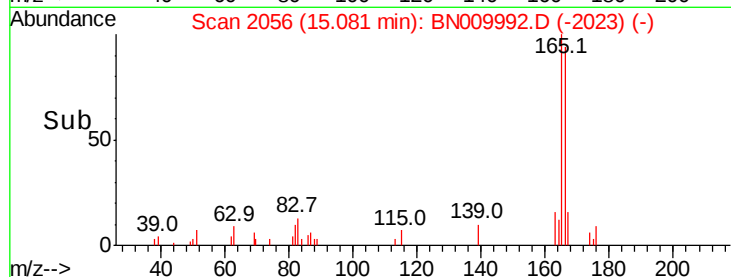
167 16.9 10.7 16.1#



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: 7.519 ng/ul

RT: 16.82 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BN009992.D

Acq: 28 Feb 2020 18:57

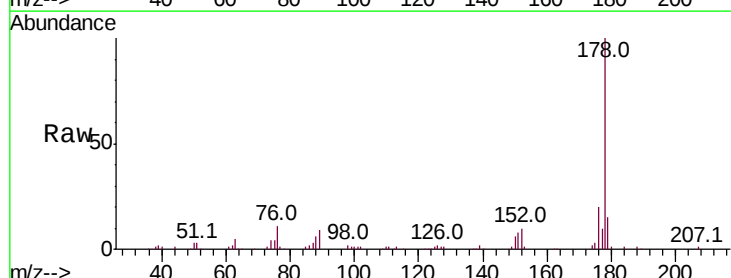
Tgt Ion:178 Resp: 195265

Ion Ratio Lower Upper

178 100

179 14.6 12.5 18.7

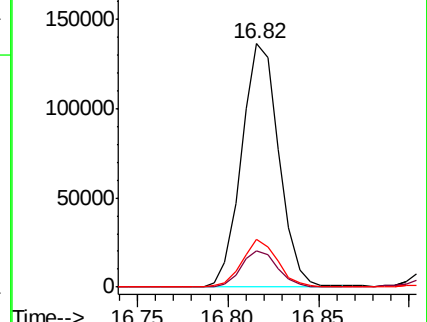
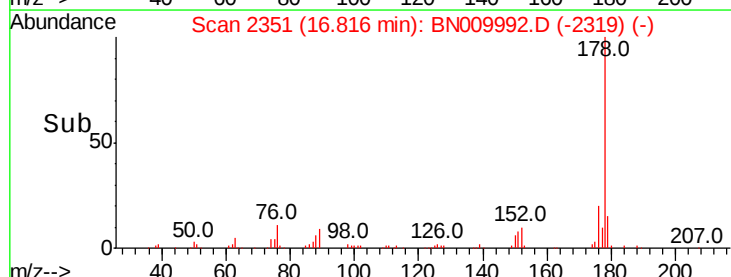
176 19.8 14.6 22.0

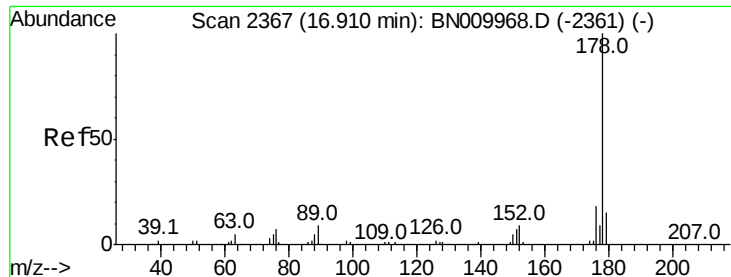


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 7.355 ng/ul

RT: 16.82 min Scan# 2351

Delta R.T. -0.10 min

Lab File: BN009992.D

Acq: 28 Feb 2020 18:57

Instrument :

BNA_N

ClientSampleId :

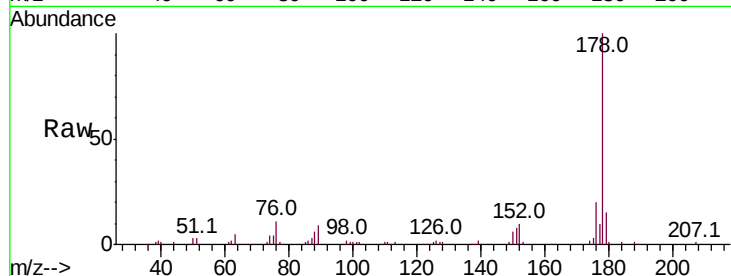
Tot Ion:178 Resp: 195265

Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.2

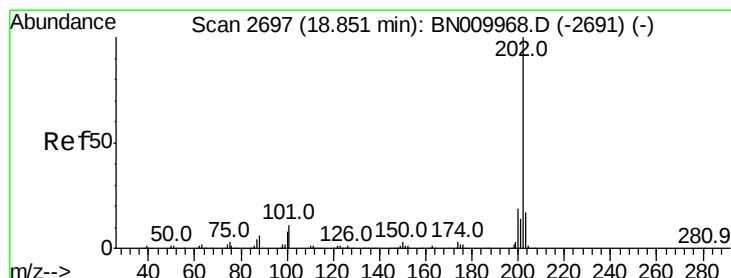
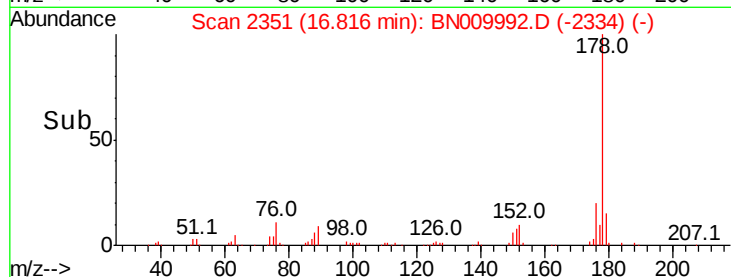
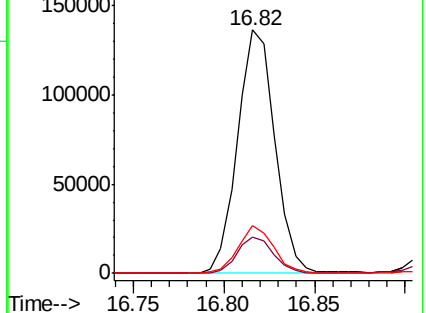
176 19.8 14.6 21.8



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: 3.659 ng/ul

RT: 18.85 min Scan# 2697

Delta R.T. -0.01 min

Lab File: BN009992.D

Acq: 28 Feb 2020 18:57

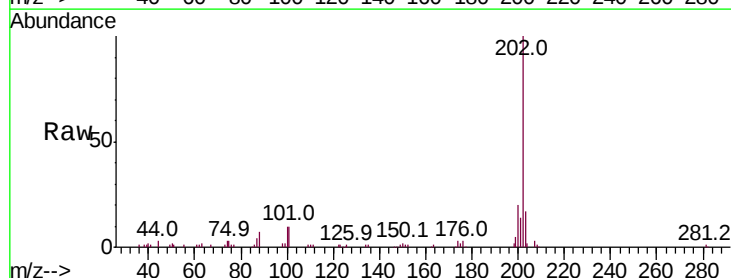
Tgt Ion:202 Resp: 111307

Ion Ratio Lower Upper

202 100

101 9.8 9.4 14.2

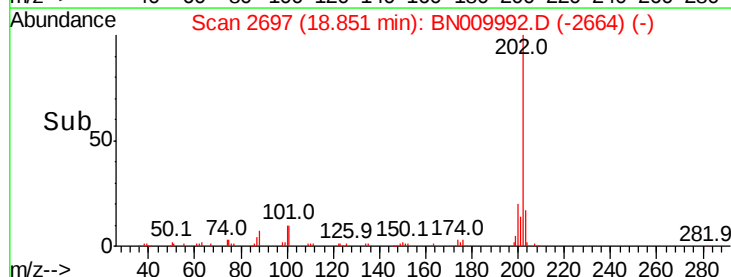
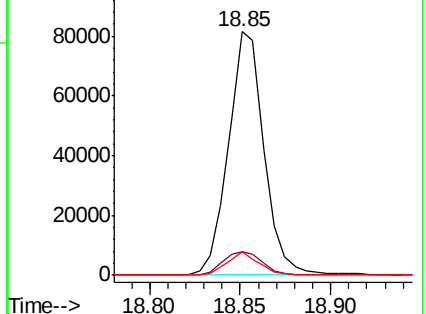
100 9.5 7.2 10.8

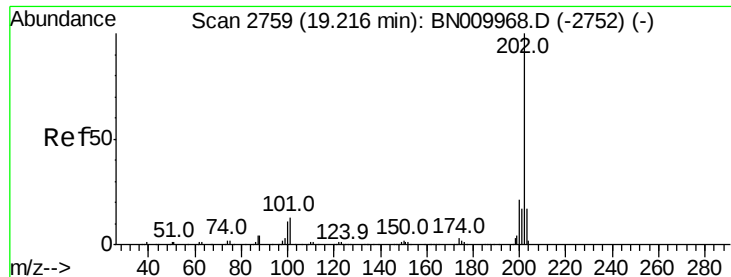


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

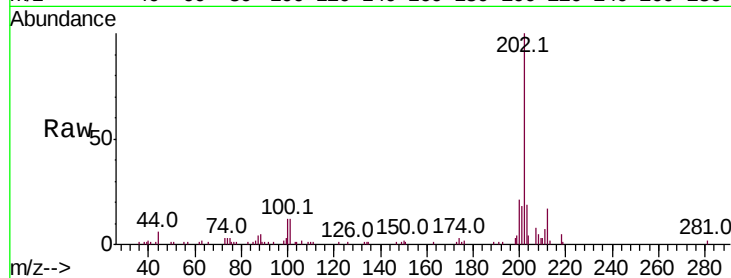




#80
 Pvrene
 Concen: 2.591 ng/ul
 RT: 19.22 min Scan# 2759
 Delta R.T. -0.01 min
 Lab File: BN009992.D
 Acq: 28 Feb 2020 18:57

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	202	Resp:	78128
Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.3	16.9
100	12.1	9.0	13.6



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

