

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
 Data File : BN009838.D
 Acq On : 22 Feb 2020 10:01
 Operator : CG/JU
 Sample : L1516-02MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 24 00:22:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 04:46:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	109874	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	474155	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	303717	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	640958	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	553198	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	596674	20.00	ng/ul	-0.03

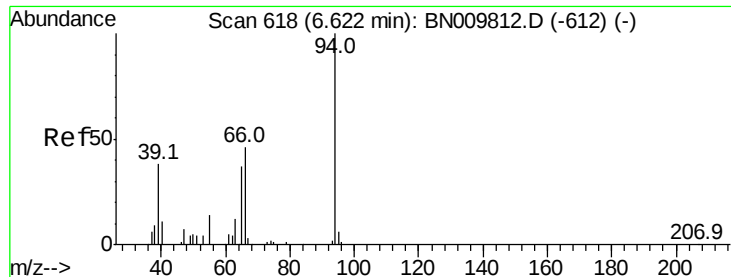
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	2575	0.96	ng/uL	-0.01
5) Phenol-d5	6.60	99	40737	4.36	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	34696	5.38	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	35657	5.07	ng/ul	-0.02
13) 4-Methylphenol-d8	8.11	113	31675	4.26	ng/ul	-0.02
19) Nitrobenzene-d5	8.54	128	15950	4.60	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	15279	4.03	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.79	165	31090	4.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	41074	5.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	120213	5.30	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	135240	5.06	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.29	143	8622	2.08	ng/ul	0.00
58) Fluorene-d10	15.03	176	104122	5.32	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	8110	2.04	ng/ul	-0.01
71) Anthracene-d10	16.89	188	152700	5.20	ng/ul	-0.02
79) Pyrene-d10	19.19	212	177398	6.14	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	171864	5.77	ng/ul	-0.03

Target Compounds

					Ovalue
6) Phenol	6.62	94	49847	4.977 ng/ul	95
10) 2-Chlorophenol	6.96	128	41090	5.544 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.20	70	35367	5.587 ng/ul	98
33) 4-Chloro-3-methylphenol	11.46	107	38045	4.520 ng/ul	91
50) Acenaphthene	14.09	153	109180	5.507 ng/ul	98
55) 2,4-Dinitrotoluene	14.45	165	28752	4.186 ng/ul#	75
69) Pentachlorophenol	16.46	266	10512	2.563 ng/ul	98
80) Pyrene	19.22	202	259644	6.510 ng/ul	99

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



#6

Phenol

Concen: 4.977 ng/ul

RT: 6.62 min Scan# 618

Delta R.T. -0.02 min

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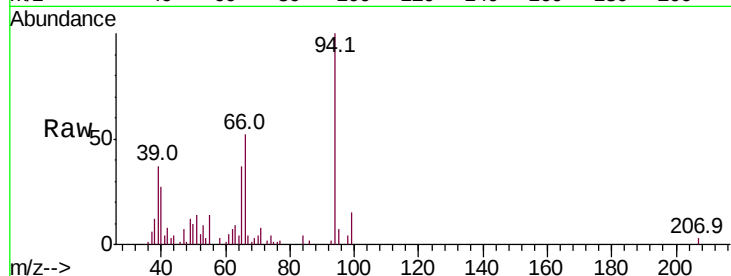
Tot Ion: 94 Resp: 49847

Ion Ratio Lower Upper

94 100

65 37.3 27.6 41.4

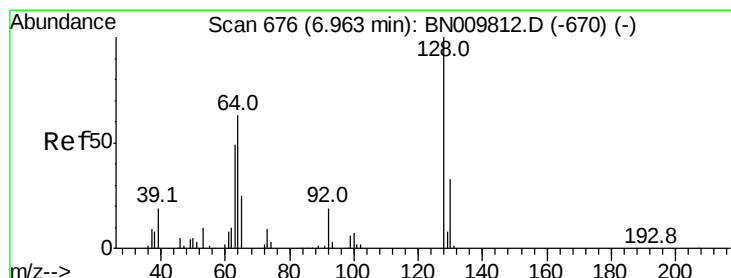
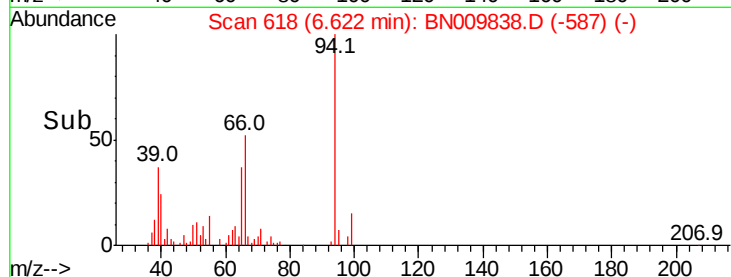
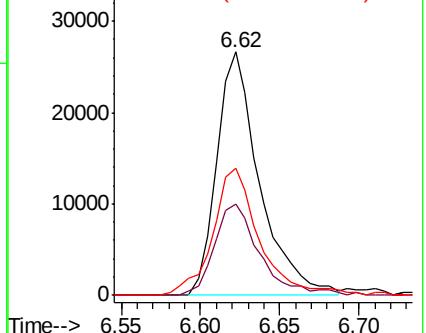
66 52.0 38.5 57.7



Abundance Ion 94.00 (93.70 to 94.70): BN009812.D (-612) (-)

Ion 65.00 (64.70 to 65.70): BN009812.D (-612) (-)

Ion 66.00 (65.70 to 66.70): BN009812.D (-612) (-)



#10

2-Chlorophenol

Concen: 5.544 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.02 min

Lab File: BN009838.D

Acq: 22 Feb 2020 10:01

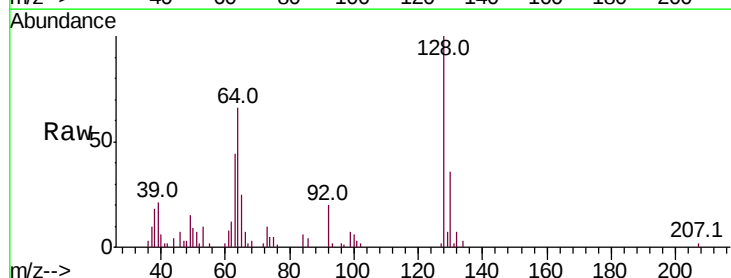
Tgt Ion:128 Resp: 41090

Ion Ratio Lower Upper

128 100

64 66.2 52.5 78.7

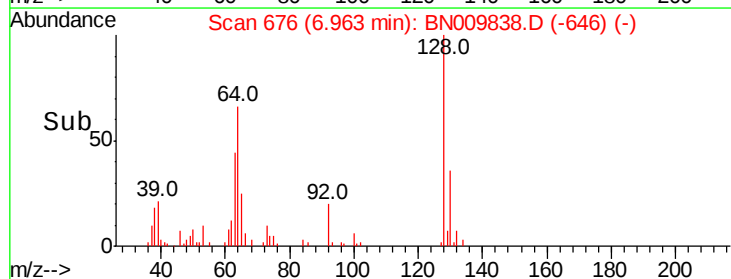
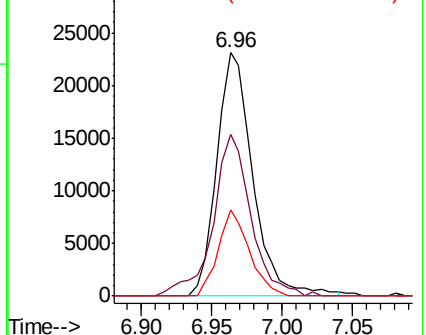
130 35.7 24.4 36.6

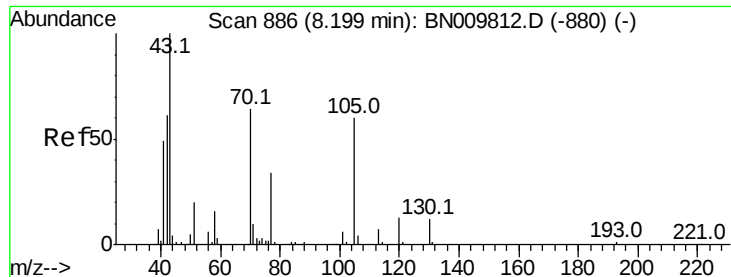


Abundance Ion 128.00 (127.70 to 128.70): BN009812.D (-670) (-)

Ion 64.00 (63.70 to 64.70): BN009812.D (-670) (-)

Ion 130.00 (129.70 to 130.70): BN009812.D (-670) (-)

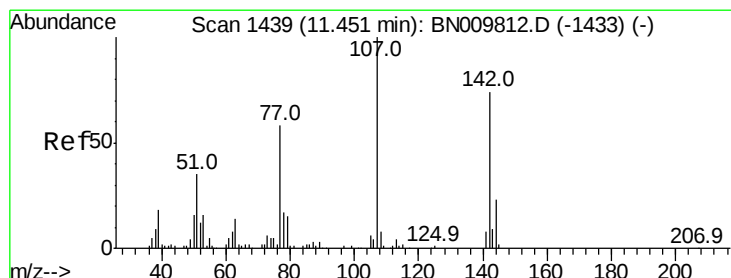
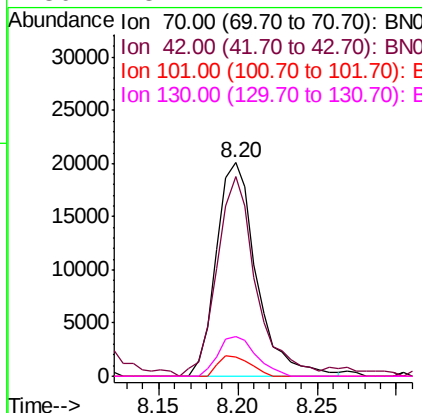
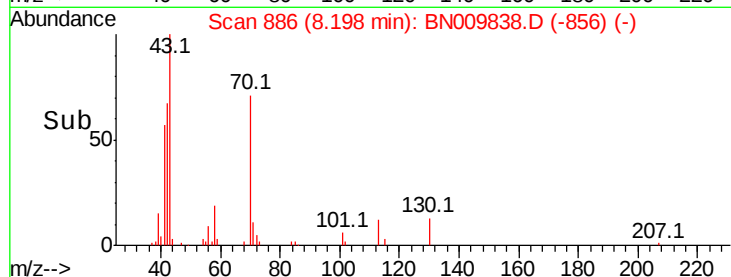
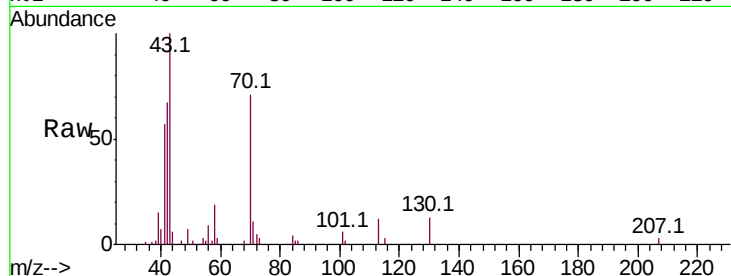




#15
N-Nitroso-di-n-propylamine
Concen: 5.587 ng/ul
RT: 8.20 min Scan# 886
Delta R.T. -0.02 min
Lab File: BN009838.D
Acq: 22 Feb 2020 10:01

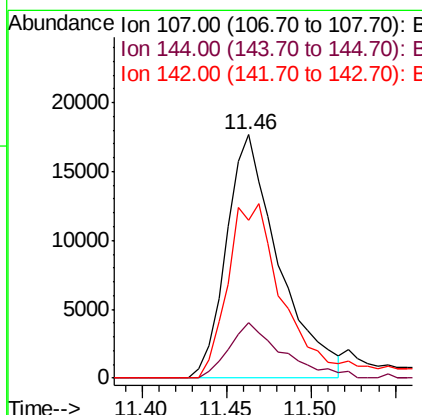
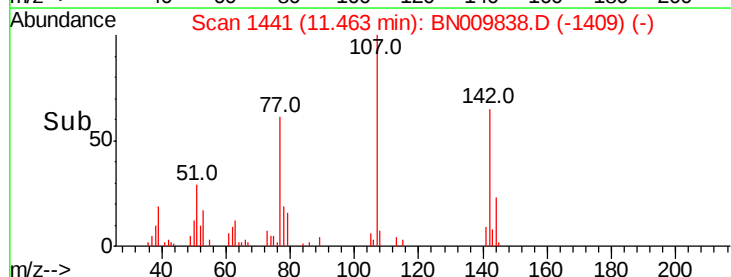
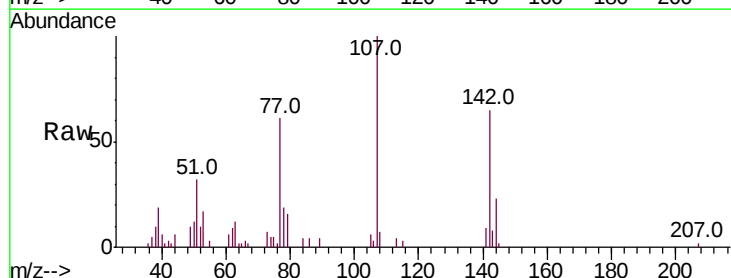
Instrument :
BNA_N
ClientSampleId :

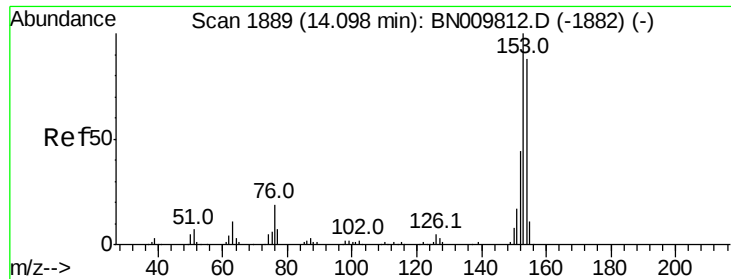
Tot Ion: 70 Resp: 35367
Ion Ratio Lower Upper
70 100
42 93.3 72.6 108.8
101 8.8 7.7 11.5
130 18.7 14.7 22.1



#33
4-Chloro-3-methylphenol
Concen: 4.520 ng/ul
RT: 11.46 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN009838.D
Acq: 22 Feb 2020 10:01

Tgt Ion: 107 Resp: 38045
Ion Ratio Lower Upper
107 100
144 22.8 19.3 28.9
142 64.7 59.5 89.3





#50

Acenaphthene

Concen: 5.507 ng/ul

RT: 14.09 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BN009838.D

Acq: 22 Feb 2020 10:01

Instrument :

BNA_N

ClientSampled :

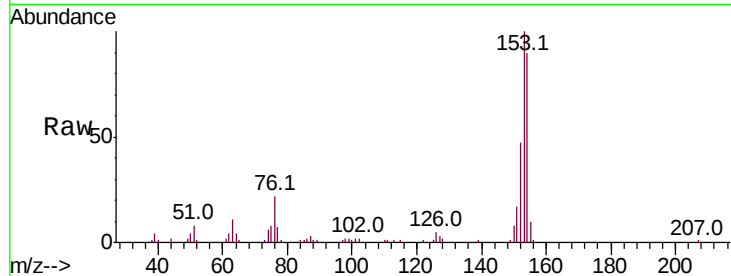
Tot Ion:153 Resp: 109180

Ion Ratio Lower Upper

153 100

152 46.8 36.6 54.8

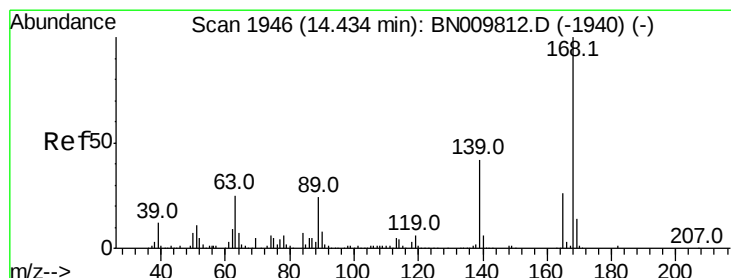
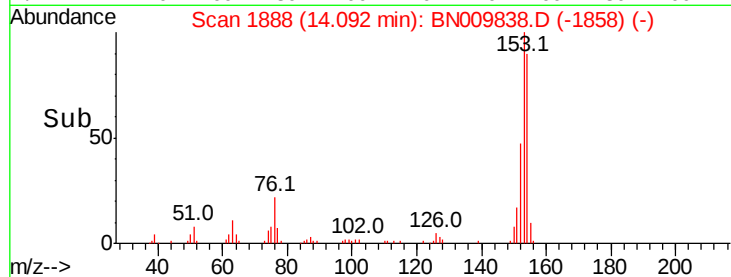
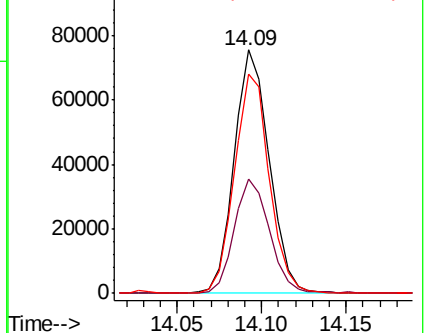
154 90.0 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#55

2,4-Dinitrotoluene

Concen: 4.186 ng/ul

RT: 14.45 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BN009838.D

Acq: 22 Feb 2020 10:01

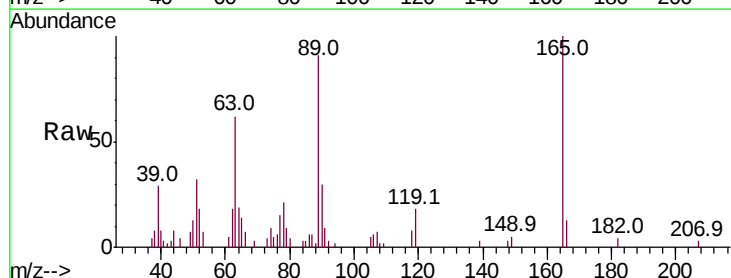
Tgt Ion:165 Resp: 28752

Ion Ratio Lower Upper

165 100

63 62.2 68.3 102.5#

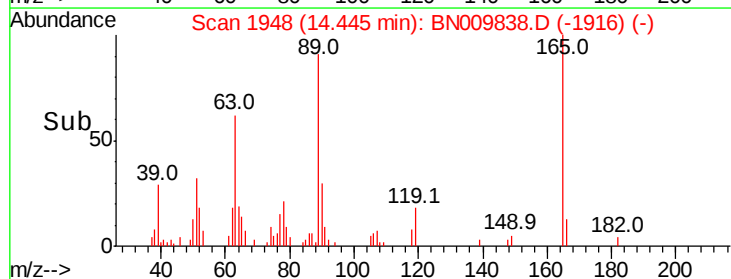
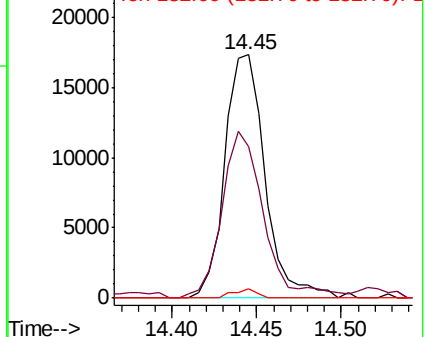
182 3.6 2.2 3.4#

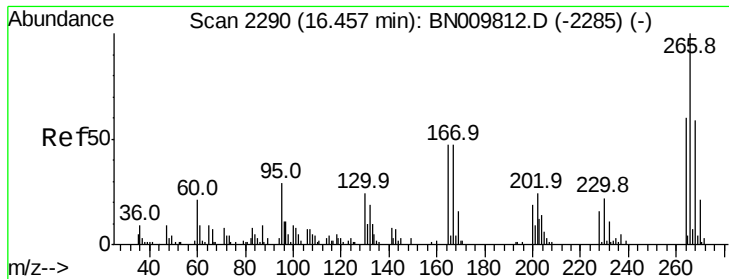


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

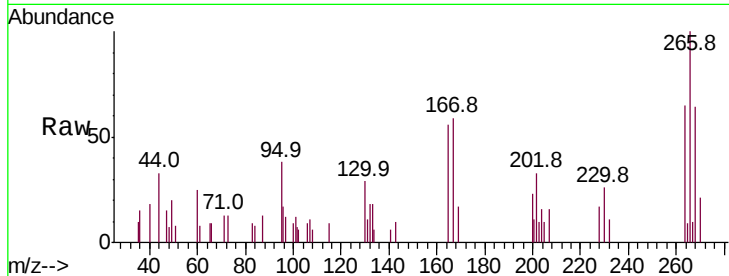




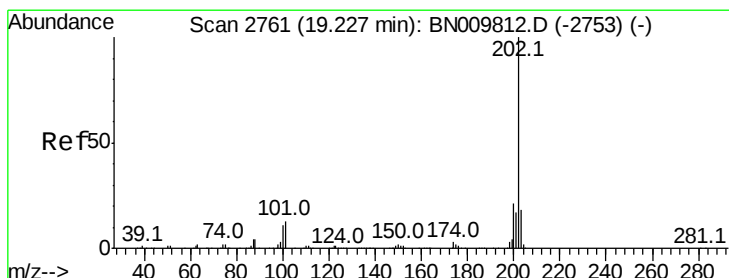
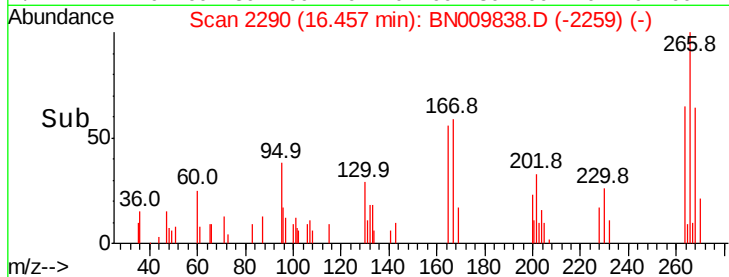
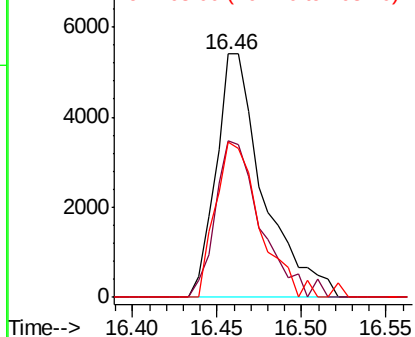
#69
 Pentachlorophenol
 Concen: 2.563 ng/ul
 RT: 16.46 min Scan# 2290
 Delta R.T. -0.02 min
 Lab File: BN009838.D
 Acq: 22 Feb 2020 10:01

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:266 Resp: 10512
 Ion Ratio Lower Upper
 266 100
 264 64.5 52.9 79.3
 268 63.8 52.5 78.7

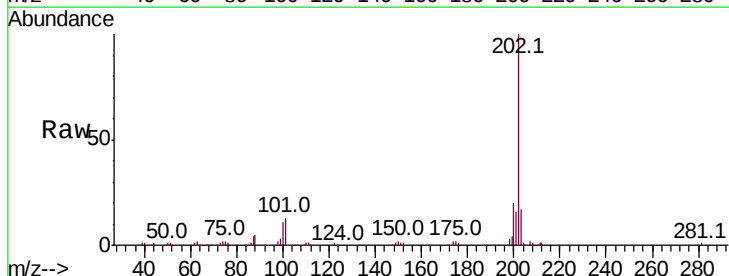


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 6.510 ng/ul
 RT: 19.22 min Scan# 2760
 Delta R.T. -0.02 min
 Lab File: BN009838.D
 Acq: 22 Feb 2020 10:01

Tgt Ion:202 Resp: 259644
 Ion Ratio Lower Upper
 202 100
 101 13.3 11.3 16.9
 100 11.1 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

