

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030520\
 Data File : BN010113.D
 Acq On : 05 Mar 2020 20:12
 Operator : CG/JU
 Sample : L1641-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 06 03:46:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 14:04:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	68916	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	289535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	193568	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	410034	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	359795	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	398961	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	6976	4.16	ng/uL	0.00
5) Phenol-d5	6.56	99	158427	27.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	110459	27.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	120849	27.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	128853	27.63	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	62718	29.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	71354	30.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	127076	28.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	170879	34.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	443007	30.64	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	520745	30.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	50495	19.12	ng/ul	0.02
58) Fluorene-d10	15.00	176	374393	29.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	50831	19.96	ng/ul	0.00
71) Anthracene-d10	16.86	188	571832	30.42	ng/ul	0.00
79) Pyrene-d10	19.17	212	627394	33.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.94	264	593537	29.79	ng/ul	0.00

Target Compounds

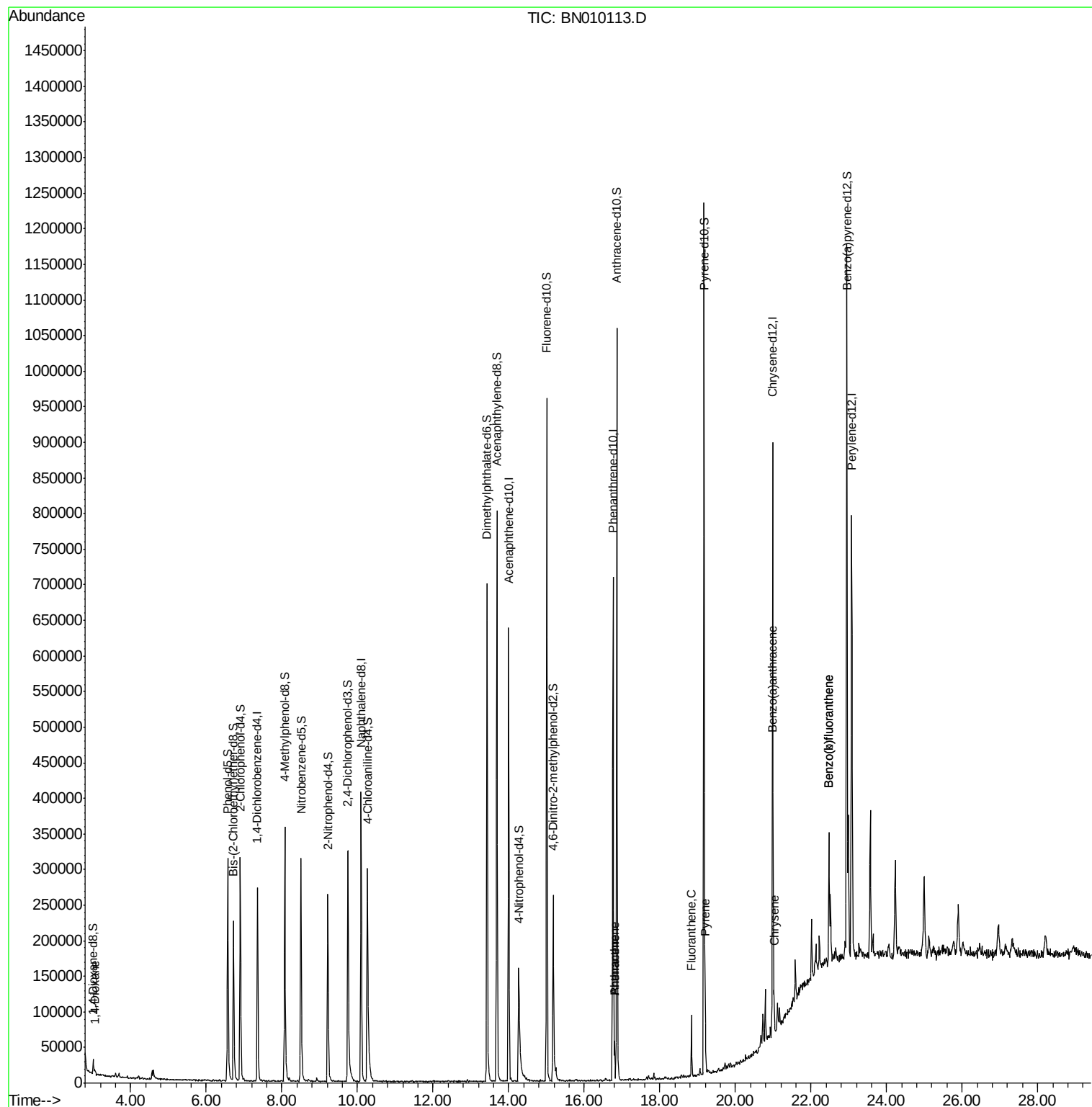
					Ovalue	
2) 1,4-Dioxane	3.05	88	2845	1.478	ng/uL#	69
70) Phenanthrene	16.80	178	29480	1.260	ng/ul	97
72) Anthracene	16.80	178	29480	1.232	ng/ul	98
77) Fluoranthene	18.84	202	50657	1.848	ng/ul	96
80) Pyrene	19.20	202	51207	1.974	ng/ul	96
83) Benzo(a)anthracene	20.97	228	25775	1.042	ng/ul#	94
85) Chrysene	21.02	228	26937	1.107	ng/ul#	92
88) Benzo(b)fluoranthene	22.47	252	32453	1.255	ng/ul#	89
89) Benzo(k)fluoranthene	22.47	252	32453	1.325	ng/ul#	91

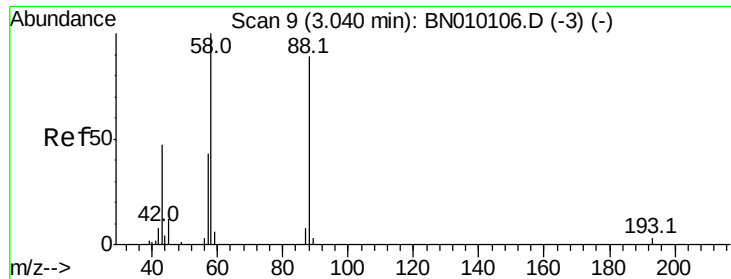
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.478 ng/uL

RT: 3.05 min Scan# 44

Delta R.T. 0.01 min

Lab File: BN010113.D

Acq: 05 Mar 2020 20:12

Instrument :

BNA_N

ClientSampled :

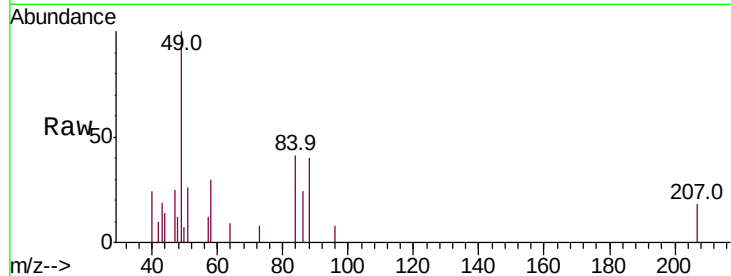
Tot Ion: 88 Resp: 2845

Ion Ratio Lower Upper

88 100

43 48.5 44.7 67.1

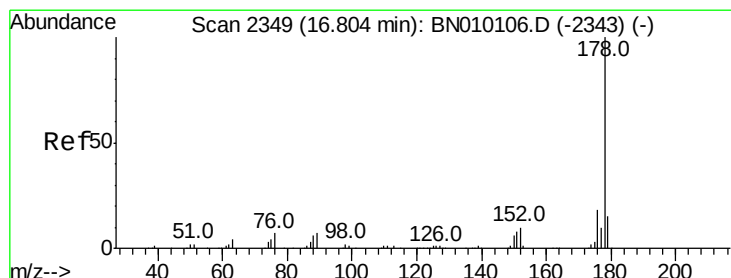
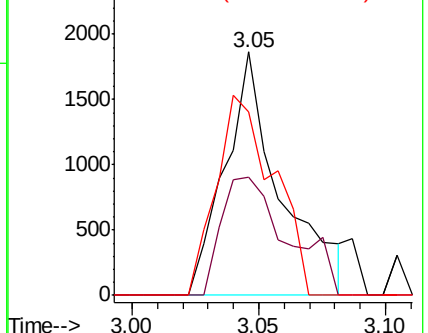
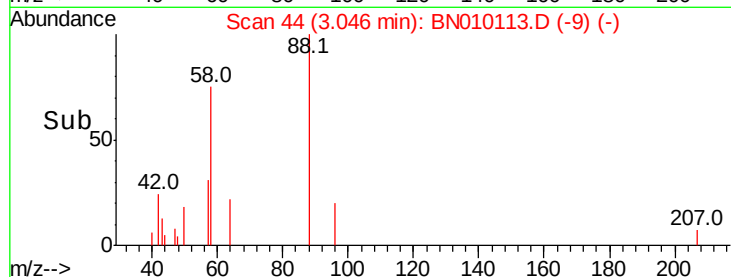
58 75.2 96.2 144.2#



Abundance Ion 88.00 (87.70 to 88.70): BN010113.D (-9) (-)

Ion 43.00 (42.70 to 43.70): BN010113.D (-9) (-)

Ion 58.00 (57.70 to 58.70): BN010113.D (-9) (-)



#70

Phenanthrene

Concen: 1.260 ng/uL

RT: 16.80 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN010113.D

Acq: 05 Mar 2020 20:12

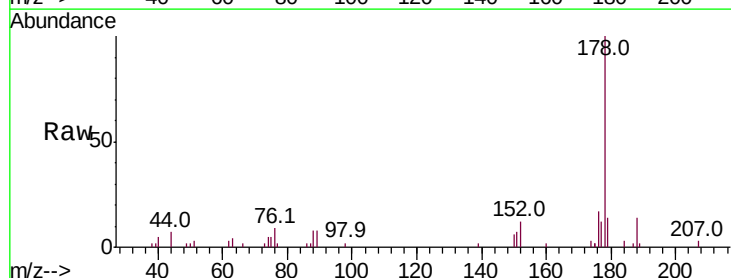
Tgt Ion: 178 Resp: 29480

Ion Ratio Lower Upper

178 100

179 14.2 12.5 18.7

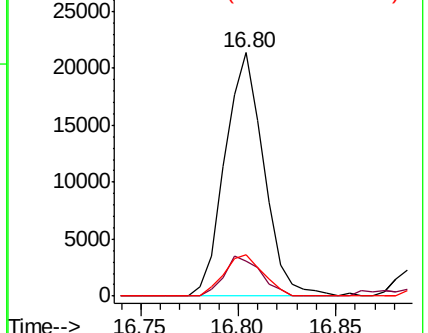
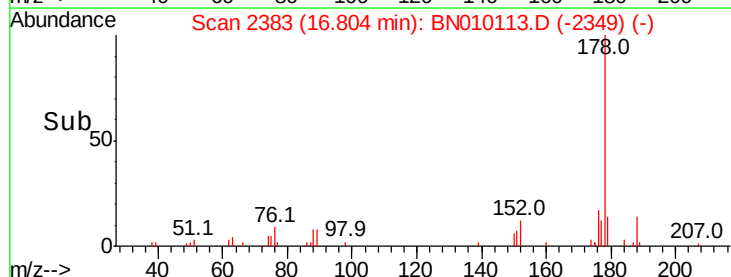
176 17.1 14.6 22.0

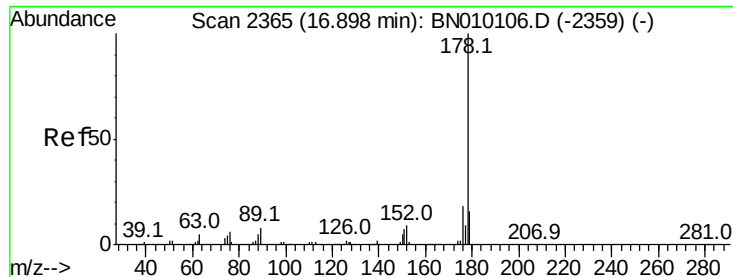


Abundance Ion 178.00 (177.70 to 178.70): BN010113.D (-2349) (-)

Ion 179.00 (178.70 to 179.70): BN010113.D (-2349) (-)

Ion 176.00 (175.70 to 176.70): BN010113.D (-2349) (-)





#72

Anthracene

Concen: 1.232 ng/ul

RT: 16.80 min Scan# 2383

Delta R.T. -0.09 min

Lab File: BN010113.D

Acq: 05 Mar 2020 20:12

Instrument :

BNA_N

ClientSampleId :

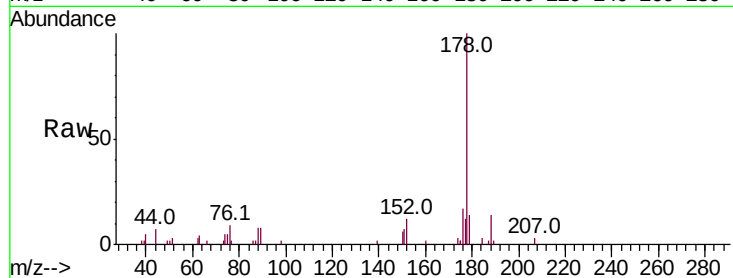
Tot Ion:178 Resp: 29480

Ion Ratio Lower Upper

178 100

179 14.2 12.2 18.2

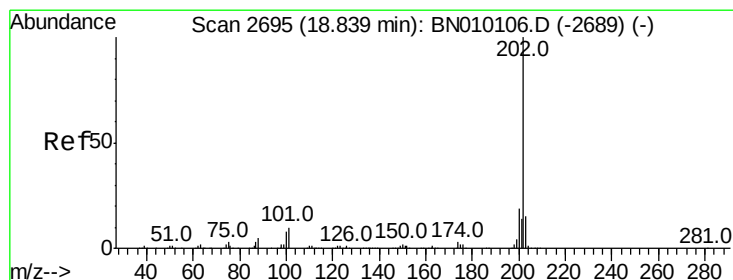
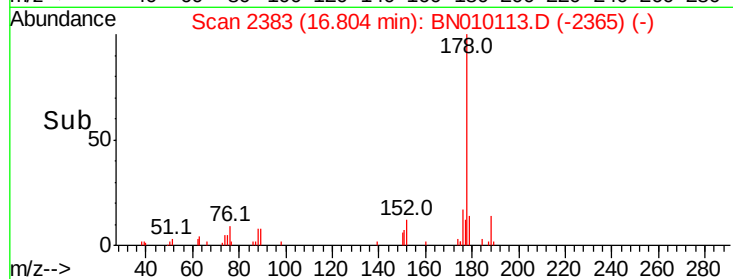
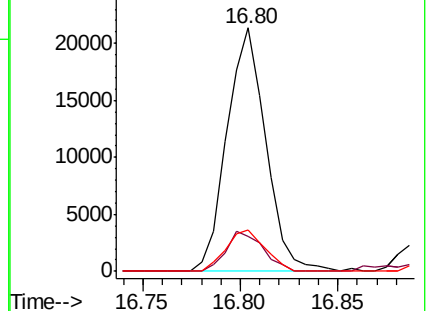
176 17.1 14.6 21.8



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: 1.848 ng/ul

RT: 18.84 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BN010113.D

Acq: 05 Mar 2020 20:12

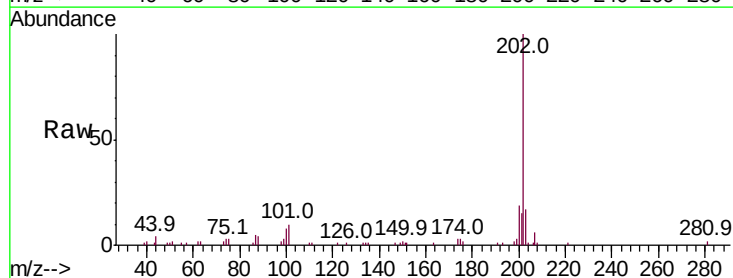
Tgt Ion:202 Resp: 50657

Ion Ratio Lower Upper

202 100

101 9.8 9.4 14.2

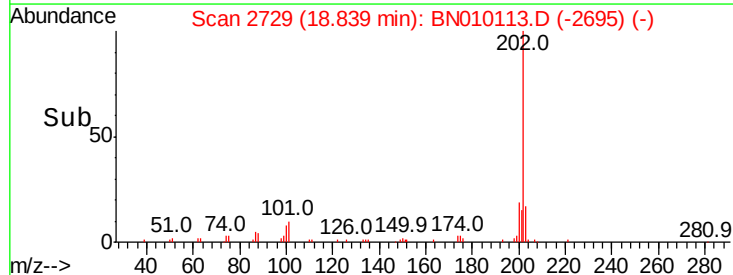
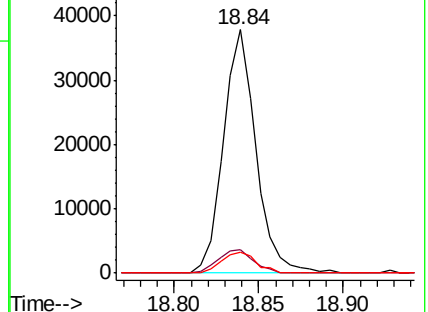
100 8.5 7.2 10.8

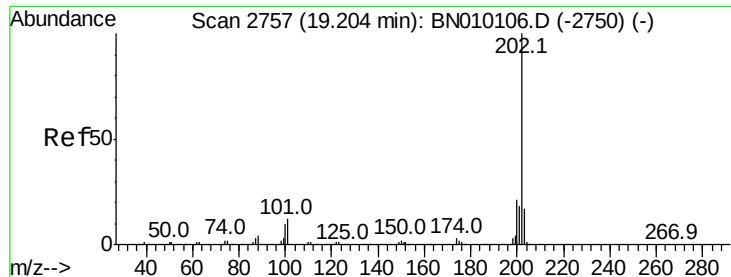


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

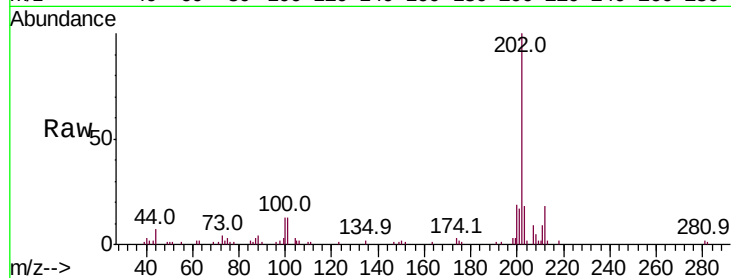




#80
 Pvrene
 Concen: 1.974 ng/ul
 RT: 19.20 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: BN010113.D
 Acq: 05 Mar 2020 20:12

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.3	16.9
100	13.3	9.0	13.6

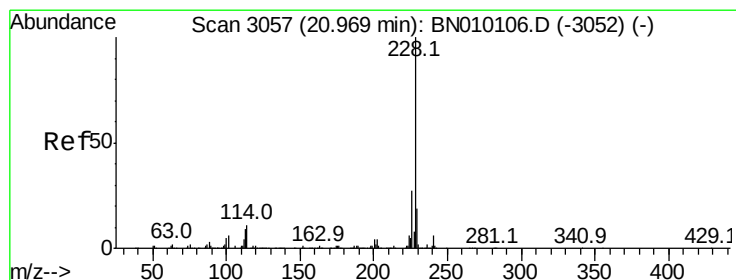
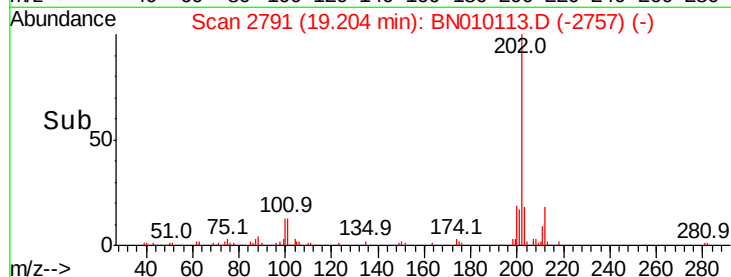
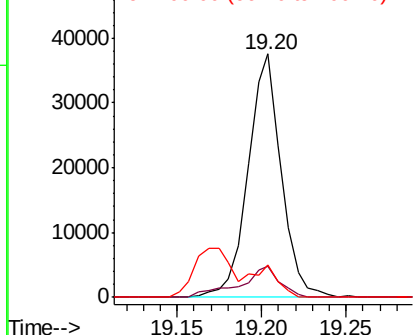


Abundance

Ion 202.00 (201.70 to 202.70): E

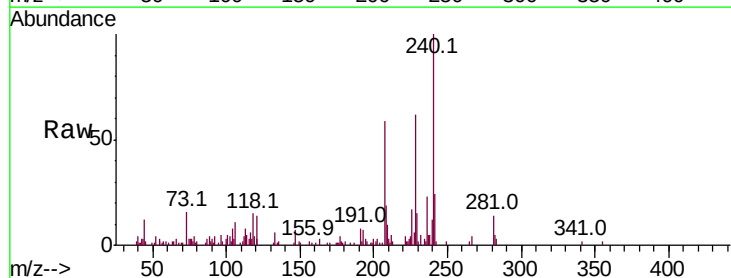
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83
 Benzo(a)anthracene
 Concen: 1.042 ng/ul
 RT: 20.97 min Scan# 3091
 Delta R.T. -0.00 min
 Lab File: BN010113.D
 Acq: 05 Mar 2020 20:12

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.0	15.0	22.4#
226	27.6	21.4	32.2

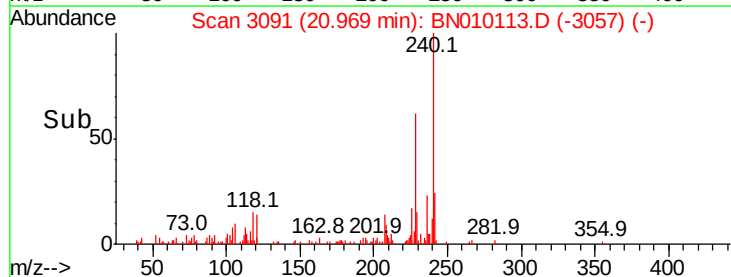
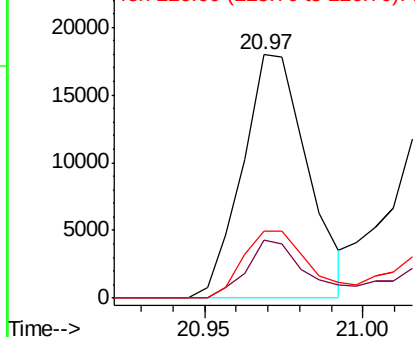


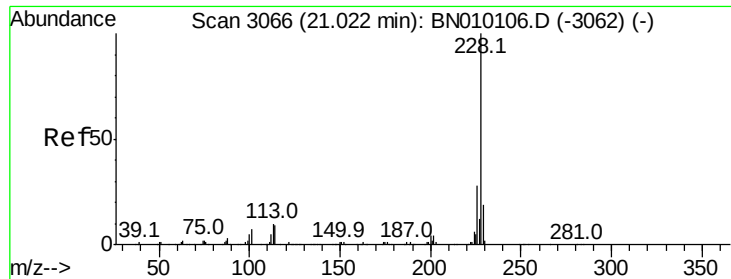
Abundance

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

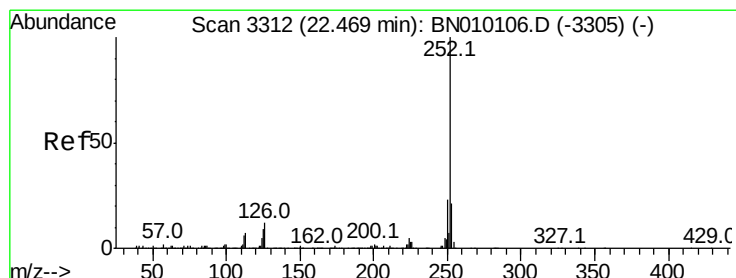
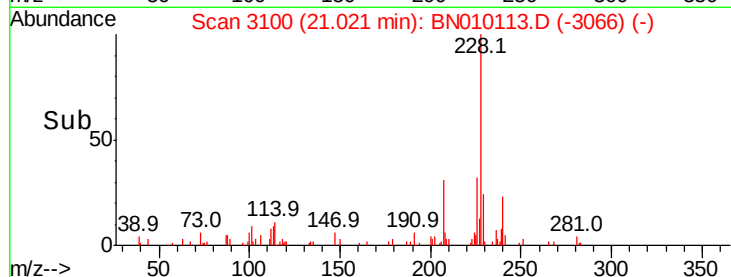
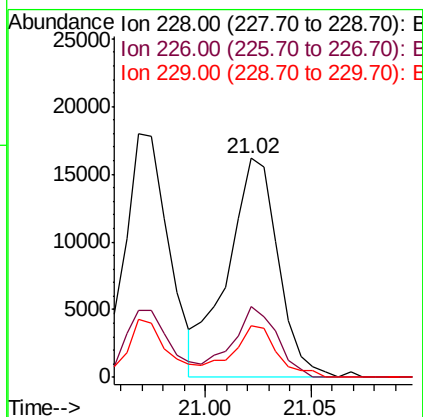
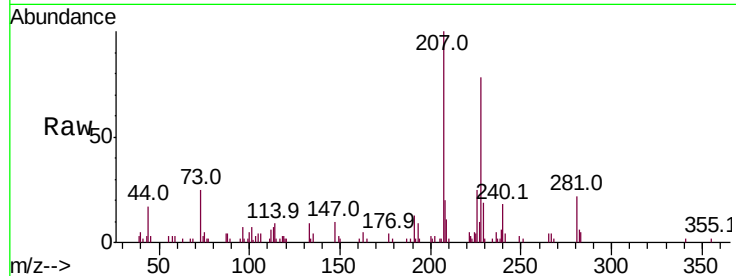




#85
Chrysene
Concen: 1.107 ng/ul
RT: 21.02 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BN010113.D
Acq: 05 Mar 2020 20:12

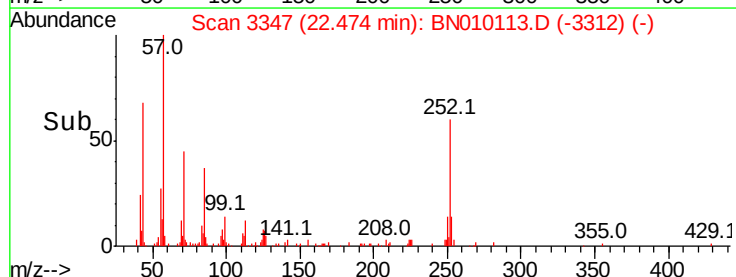
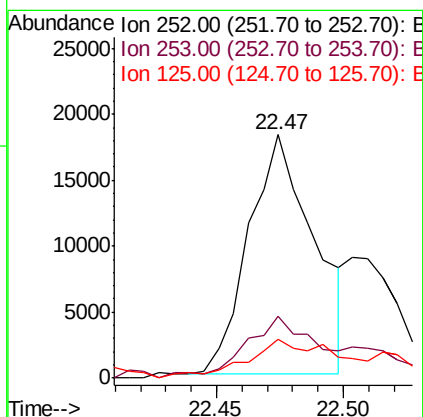
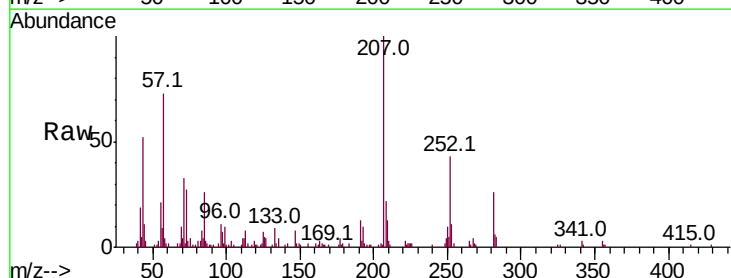
Instrument :
BNA_N
ClientSampled :

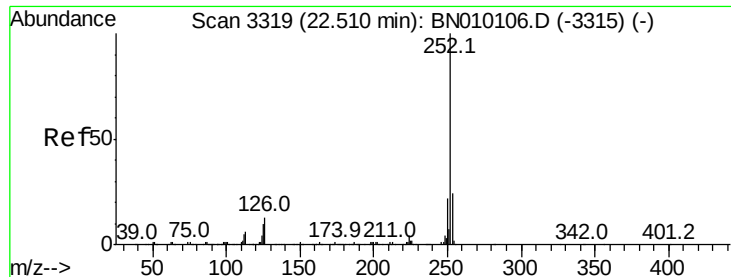
Tot Ion:228 Resp: 26937
Ion Ratio Lower Upper
228 100
226 32.3 23.4 35.2
229 23.6 15.0 22.4#



#88
Benzo(b)fluoranthene
Concen: 1.255 ng/ul
RT: 22.47 min Scan# 3347
Delta R.T. 0.01 min
Lab File: BN010113.D
Acq: 05 Mar 2020 20:12

Tgt Ion:252 Resp: 32453
Ion Ratio Lower Upper
252 100
253 25.3 17.0 25.4
125 16.0 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 1.325 ng/ul

RT: 22.47 min Scan# 3347

Delta R.T. -0.04 min

Lab File: BN010113.D

Acq: 05 Mar 2020 20:12

Instrument :

BNA_N

ClientSampleId :

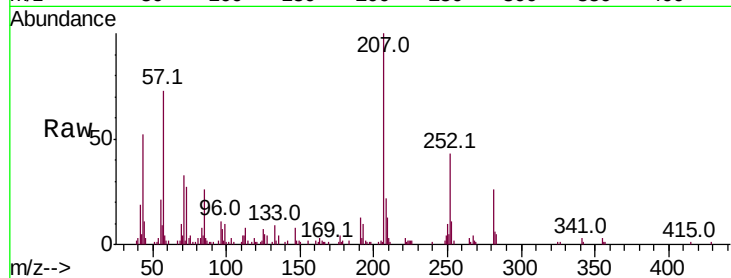
Tot Ion:252 Resp: 32453

Ion Ratio Lower Upper

252 100

253 25.3 18.0 27.0

125 16.0 8.2 12.2#



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

