

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047681.D
 Acq On : 9 Dec 2020 19:59
 Operator : CG/JU
 Sample : L4941-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 10 00:45:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 08 17:39:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	34281	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	132497	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	103467	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	268209	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	248872	20.00	ng/ul	0.00
86) Perylene-d12	25.22	264	259570	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	1028	1.60	ng/uL	0.00
5) Phenol-d5	7.35	99	26627	9.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	14702	9.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	19727	8.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	13894	5.97	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	11103	10.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	13288	10.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	24586	8.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	20967	8.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	83031	9.24	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	102885	10.02	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	10167	7.63	ng/ul	0.00
58) Fluorene-d10	15.82	176	79083	9.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	11174	6.15	ng/ul	0.00
71) Anthracene-d10	17.57	188	268209	20.05	ng/ul	-0.10
79) Pyrene-d10	19.94	212	157729	10.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.99	264	154698	10.20	ng/ul	0.00

Target Compounds

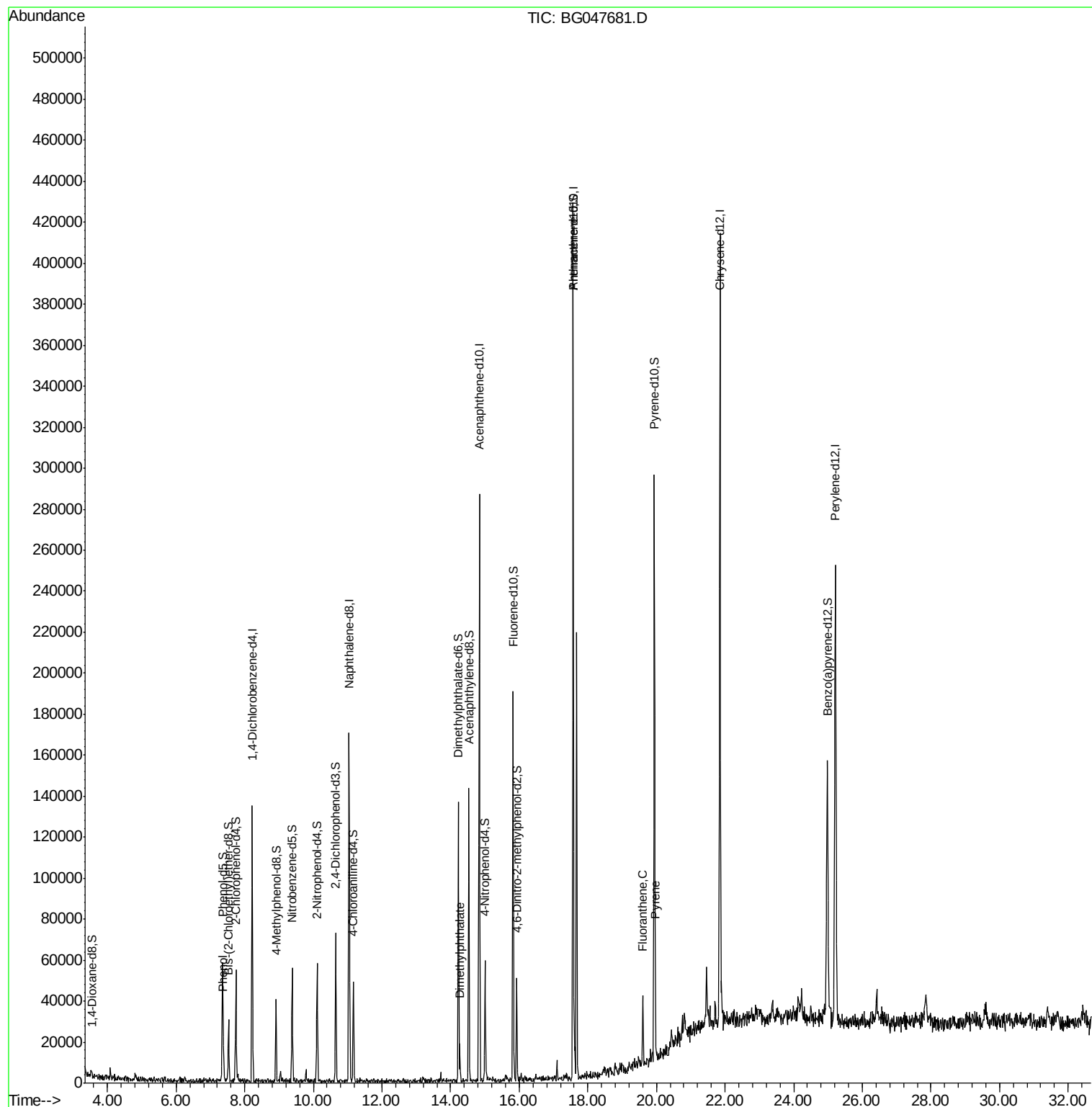
					Ovalue
6) Phenol	7.38	94	6734	2.429 ng/ul#	70
45) Dimethylphthalate	14.28	163	9755	1.072 ng/ul#	97
77) Fluoranthene	19.61	202	21481	1.161 ng/ul#	97
80) Pyrene	19.97	202	18956	1.047 ng/ul#	98

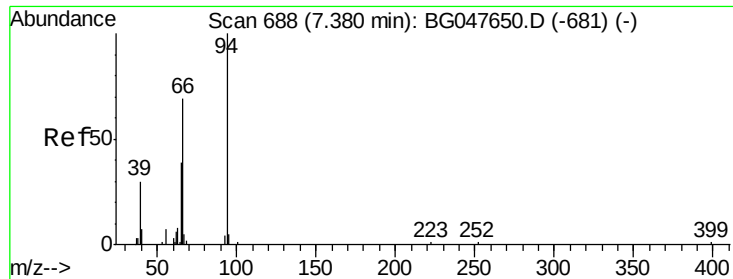
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.429 ng/ul

RT: 7.38 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG047681.D

Acq: 9 Dec 2020 19:59

Instrument :

BNA_G

ClientSampleId :

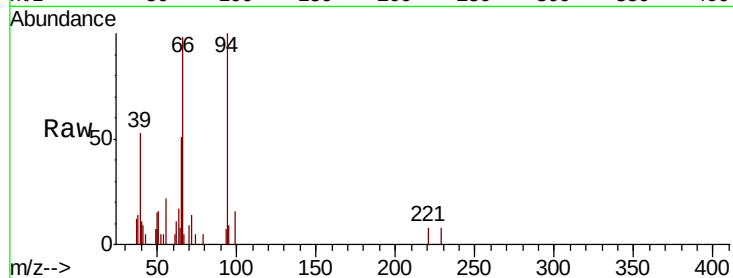
Tot Ion: 94 Resp: 6734

Ion Ratio Lower Upper

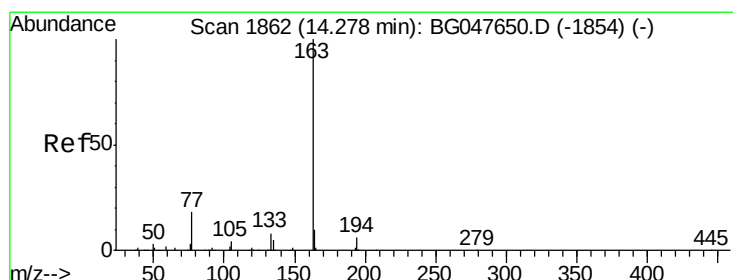
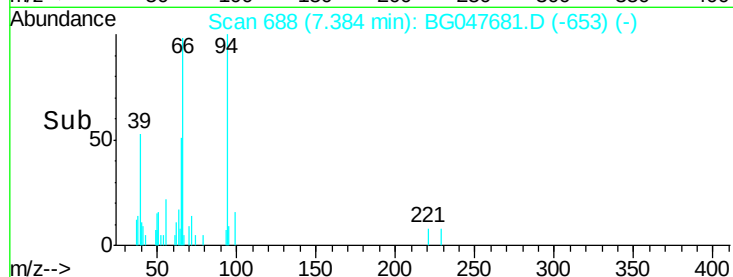
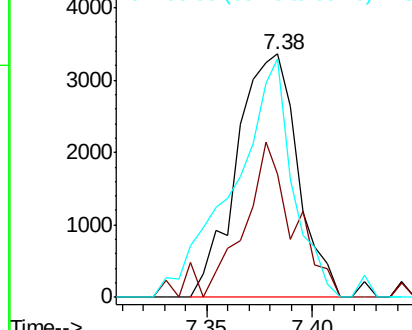
94 100

65 50.6 35.9 53.9

66 98.0 50.1 75.1#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 1.072 ng/ul

RT: 14.28 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG047681.D

Acq: 9 Dec 2020 19:59

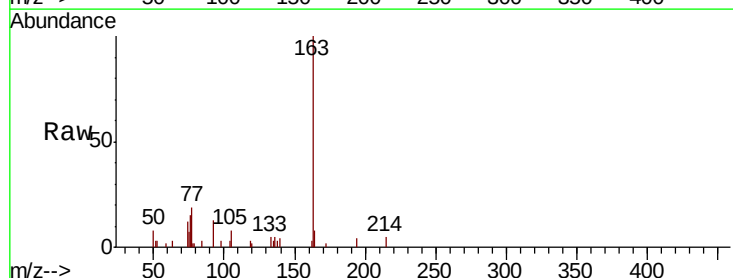
Tgt Ion:163 Resp: 9755

Ion Ratio Lower Upper

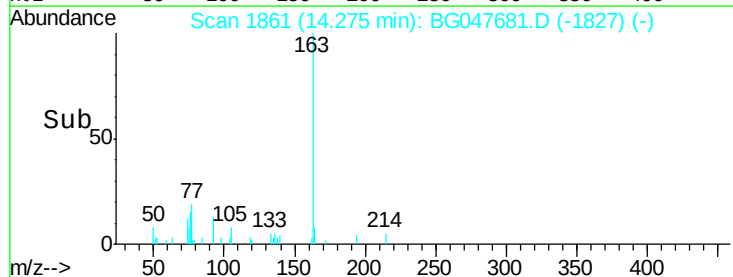
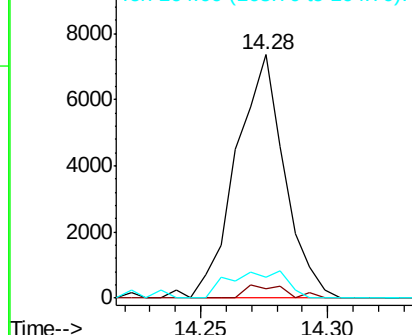
163 100

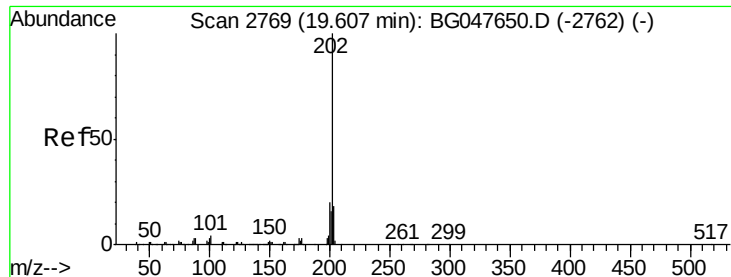
194 3.9 3.9 5.9#

164 8.4 7.4 11.2



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

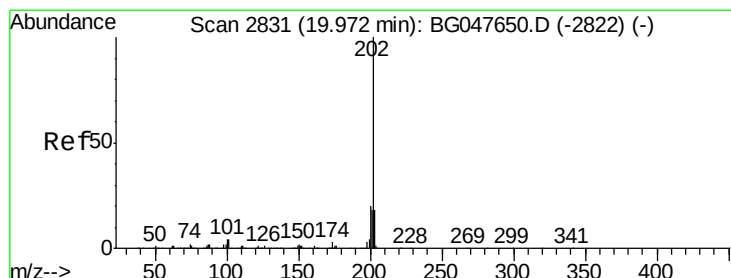
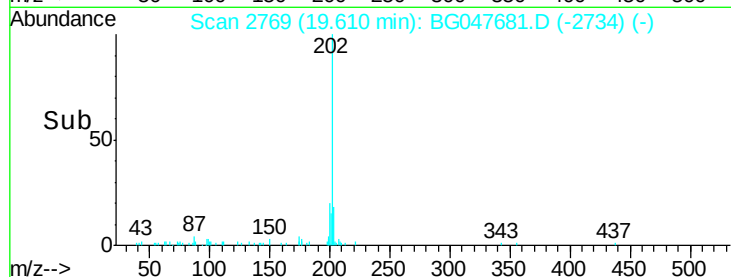
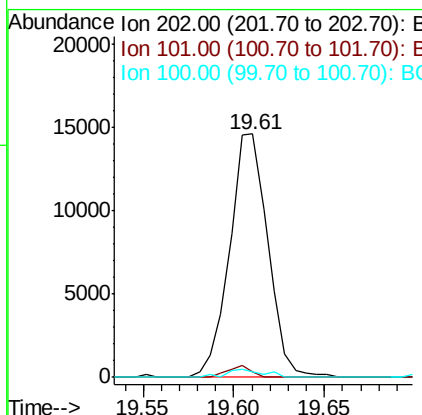
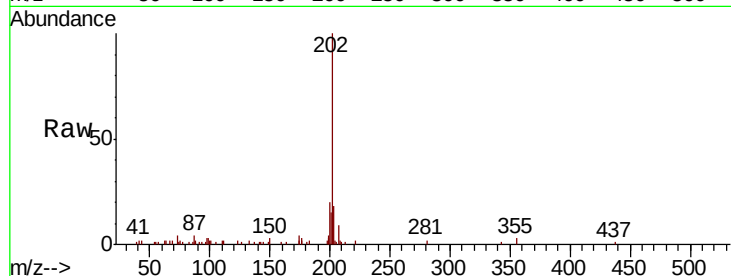




#77
 Fluoranthene
 Concen: 1.161 ng/ul
 RT: 19.61 min Scan# 2769
 Delta R.T. 0.00 min
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Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	2.2	2.4	3.6#
100	2.3	2.6	3.8#



#80
 Pyrene
 Concen: 1.047 ng/ul
 RT: 19.97 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BG047681.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	1.7	2.5	3.7#
100	2.8	2.4	3.6

