

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047117.D
 Acq On : 29 Oct 2020 13:03
 Operator : CG/JU
 Sample : L4499-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW2B2

Quant Time: Oct 29 12:40:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53267	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	229169	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	180880	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	416896	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	382841	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	402461	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	3115	2.36	ng/uL	0.00
5) Phenol-d5	7.21	99	64094	13.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	40178	15.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	48092	13.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	48633	13.19	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	26619	13.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	31259	13.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	59096	13.50	ng/ul	0.01
29) 4-Chloroaniline-d4	11.00	131	48162	12.90	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	236280	15.89	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	260427	14.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	31978	13.66	ng/ul	0.00
58) Fluorene-d10	15.68	176	210911	15.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	20433	7.11	ng/ul	0.00
71) Anthracene-d10	17.53	188	308869	15.29	ng/ul	0.00
79) Pyrene-d10	19.82	212	347310	15.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	314444	14.21	ng/ul	0.00

Target Compounds

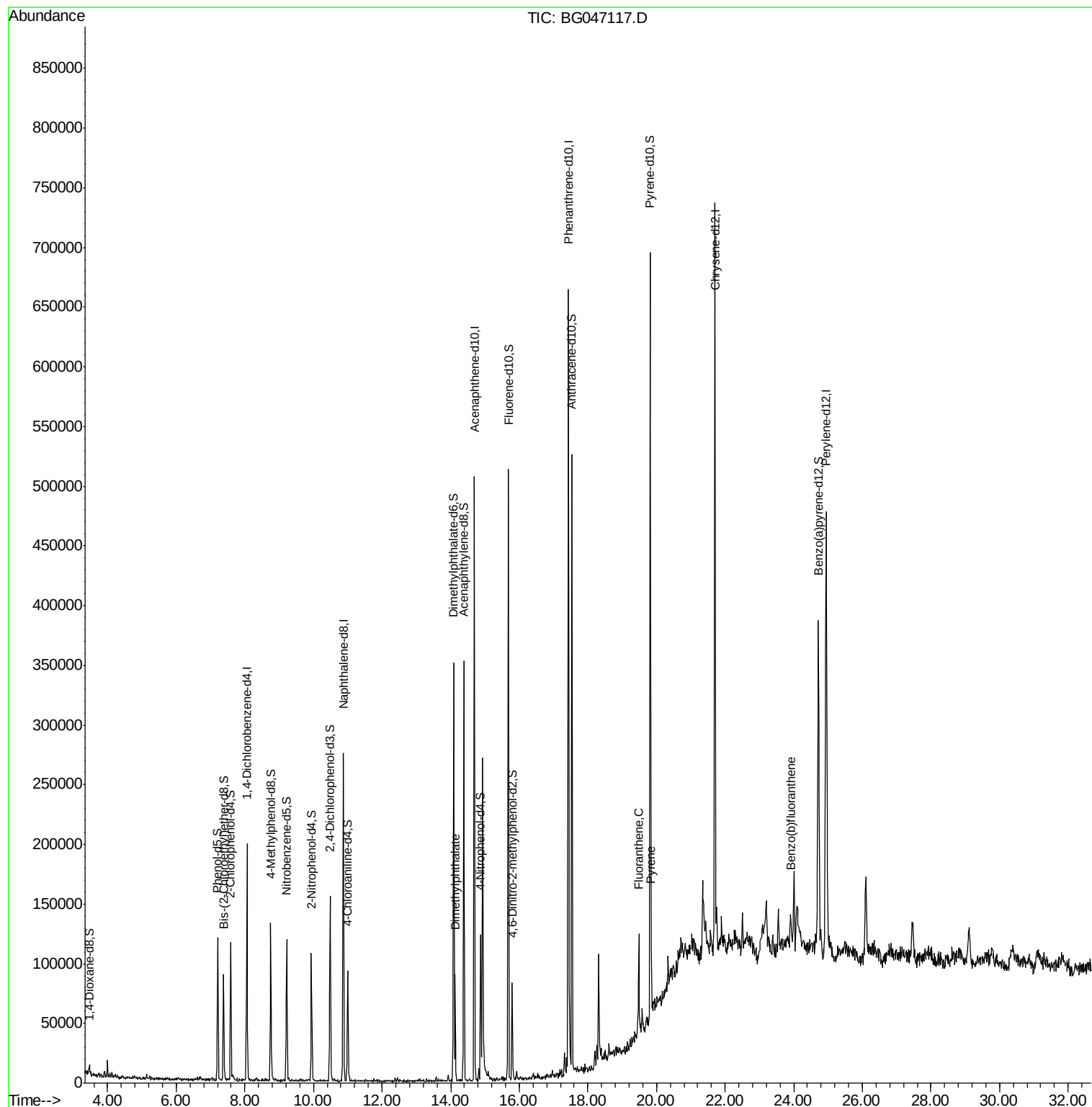
					Ovalue
45) Dimethylphthalate	14.13	163	58928	3.948 ng/ul	97
77) Fluoranthene	19.48	202	47144	1.675 ng/ul	98
80) Pyrene	19.85	202	35575	1.358 ng/ul#	97
88) Benzo(b)fluoranthene	23.91	252	32945	1.232 ng/ul#	91

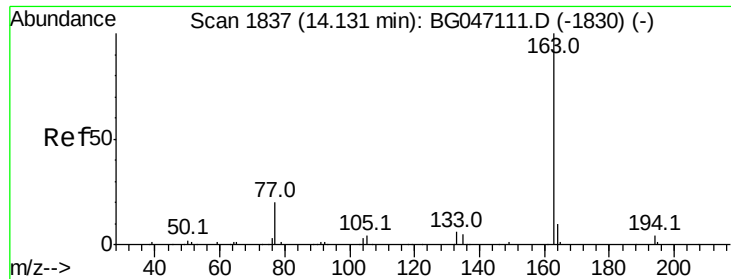
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 3.948 ng/ul

RT: 14.13 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG047117.D

Acq: 29 Oct 2020 13:03

Instrument :

BNA_G

ClientSampled :

EW2B2

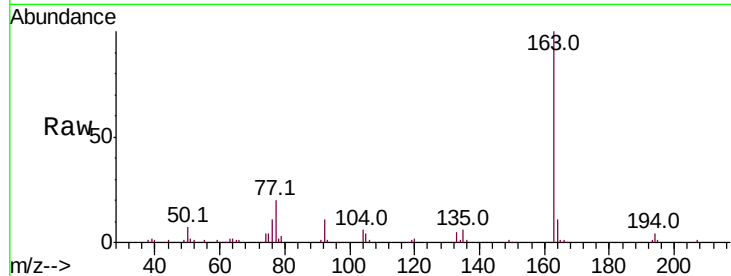
Tot Ion:163 Resp: 58928

Ion Ratio Lower Upper

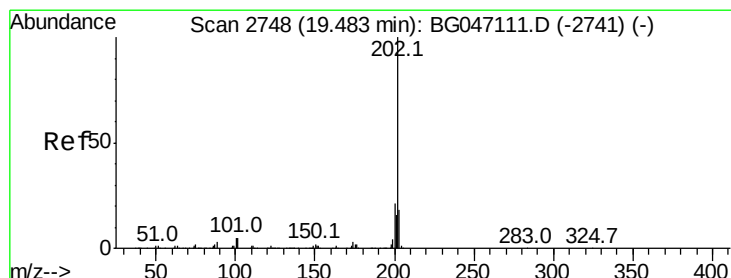
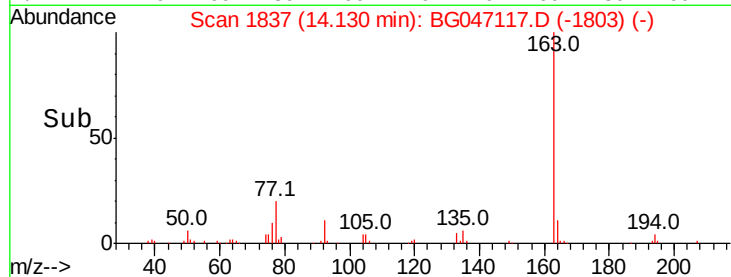
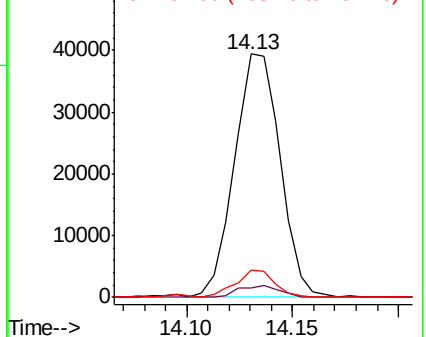
163 100

194 4.1 3.7 5.5

164 11.2 7.9 11.9



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: 1.675 ng/ul

RT: 19.48 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BG047117.D

Acq: 29 Oct 2020 13:03

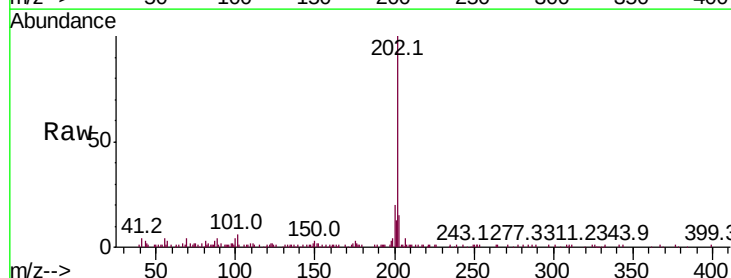
Tgt Ion:202 Resp: 47144

Ion Ratio Lower Upper

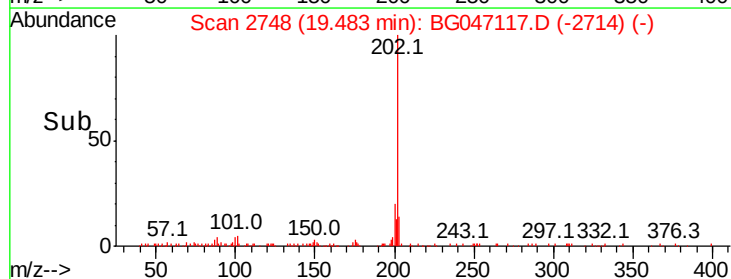
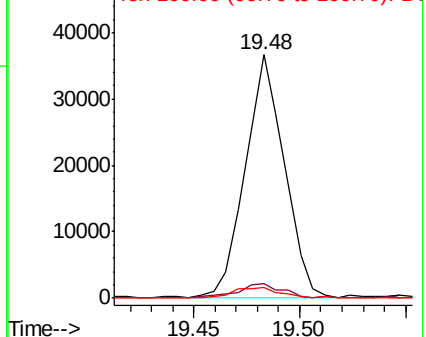
202 100

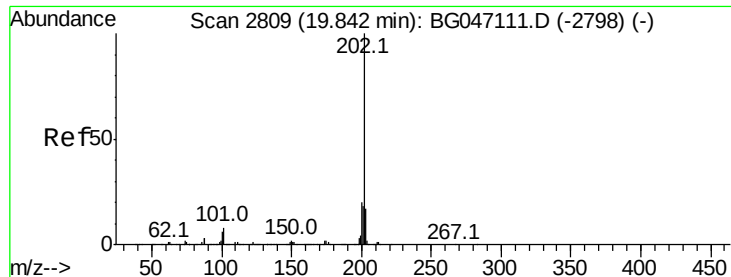
101 6.0 4.9 7.3

100 4.4 4.2 6.4



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

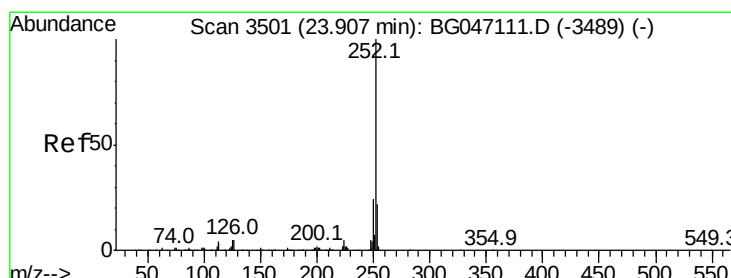
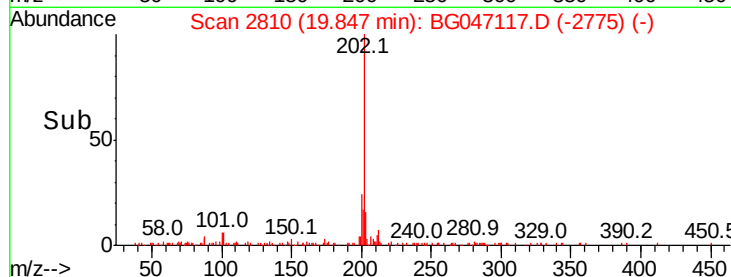
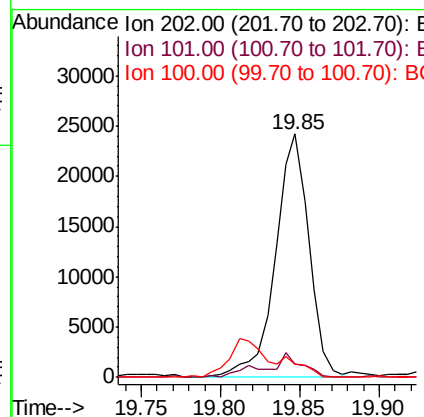
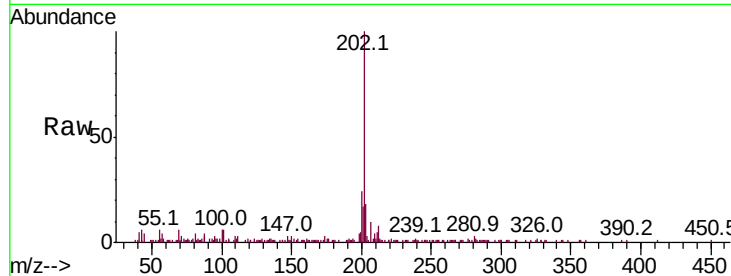




#80
 Pvrene
 Concen: 1.358 ng/ul
 RT: 19.85 min Scan# 2810
 Delta R.T. 0.01 min
 Lab File: BG047117.D
 Acq: 29 Oct 2020 13:03

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Tot Ion	Ratio	Lower	Upper
202	100		
101	5.5	5.8	8.6#
100	5.6	5.0	7.4



#88
 Benzo(b)fluoranthene
 Concen: 1.232 ng/ul
 RT: 23.91 min Scan# 3501
 Delta R.T. -0.00 min
 Lab File: BG047117.D
 Acq: 29 Oct 2020 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.4	27.6
125	13.7	4.2	6.4#

