

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047832.D
 Acq On : 24 Dec 2020 16:02
 Operator : CG/JU
 Sample : L5112-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A54S8

Quant Time: Dec 24 16:38:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 13:42:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	26390	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	99107	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	75909	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	172816	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	171172	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	169487	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1595	3.22	ng/uL	0.00
5) Phenol-d5	7.34	99	35794	15.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	17652	15.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	25867	15.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	22492	12.55	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	13136	16.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	15981	16.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	32192	15.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	20835	10.73	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	103238	15.66	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	127052	16.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	11299	11.55	ng/ul	0.00
58) Fluorene-d10	15.81	176	95973	15.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	13956	11.93	ng/ul	0.00
71) Anthracene-d10	17.65	188	150829	17.50	ng/ul	0.00
79) Pyrene-d10	19.93	212	176148	17.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	163303	16.50	ng/ul	0.00

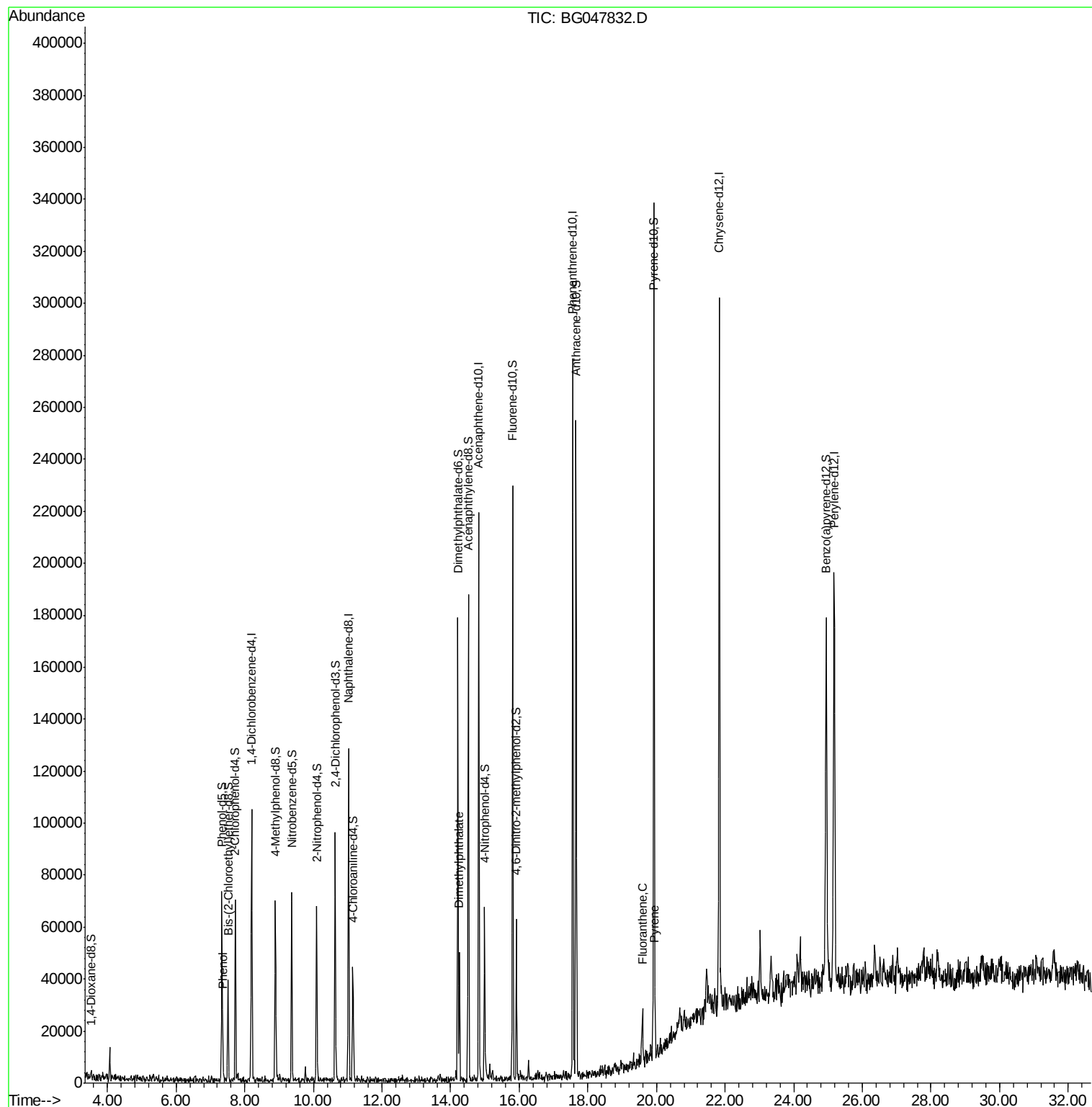
Target Compounds					Ovalue	
6) Phenol	7.36	94	3522	1.651	ng/ul#	88
45) Dimethylphthalate	14.26	163	26964	4.037	ng/ul#	95
77) Fluoranthene	19.59	202	13858	1.163	ng/ul#	98
80) Pyrene	19.96	202	12513	1.005	ng/ul#	93

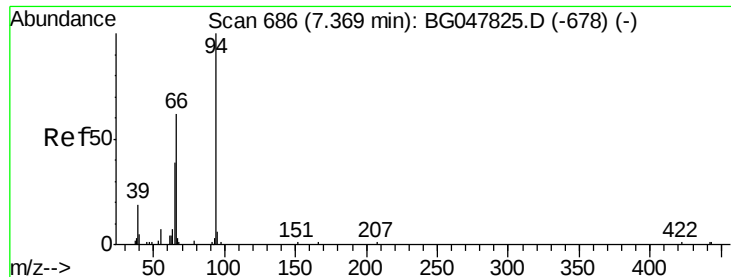
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.651 ng/ul

RT: 7.36 min Scan# 685

Delta R.T. 0.01 min

Lab File: BG047832.D

Acq: 24 Dec 2020 16:02

Instrument :

BNA_G

ClientSampleId :

A54S8

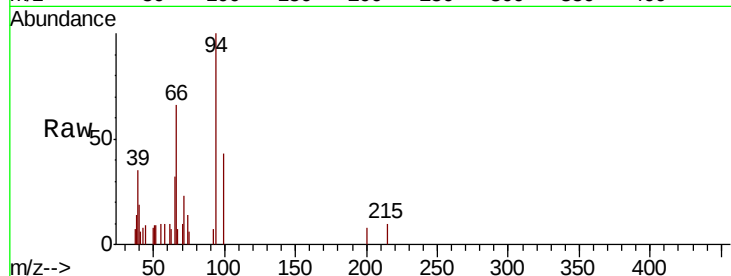
Tot Ion: 94 Resp: 3522

Ion Ratio Lower Upper

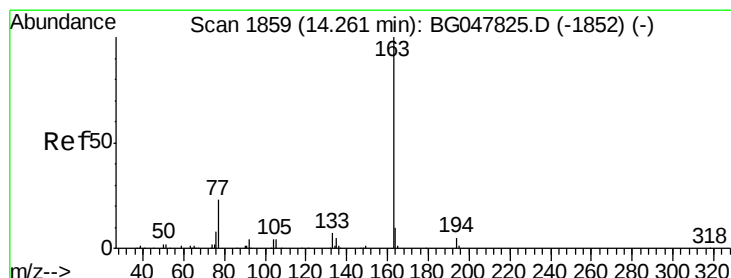
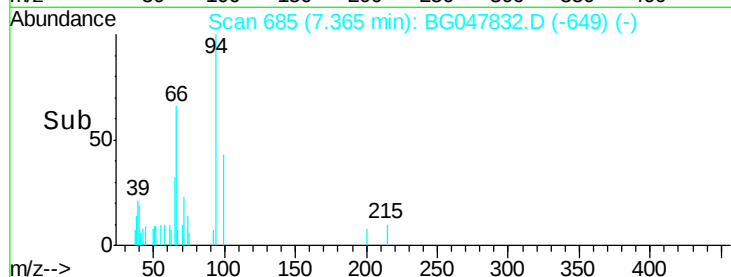
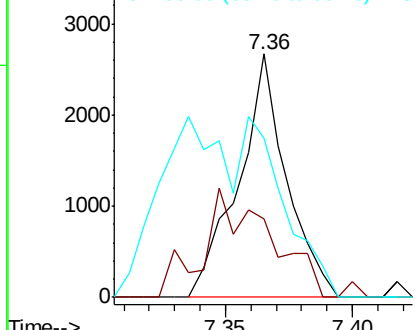
94 100

65 32.5 35.4 53.0#

66 65.5 58.3 87.5



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: 4.037 ng/ul

RT: 14.26 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BG047832.D

Acq: 24 Dec 2020 16:02

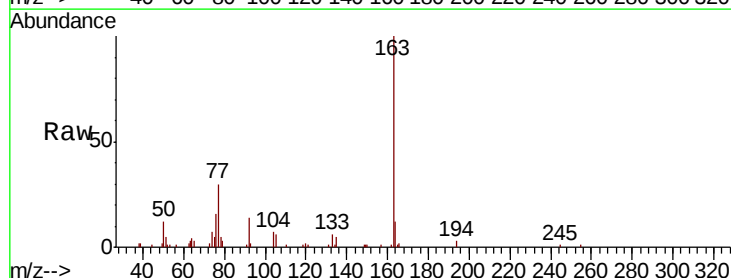
Tgt Ion:163 Resp: 26964

Ion Ratio Lower Upper

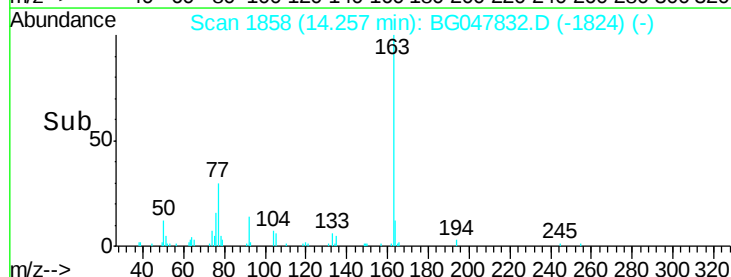
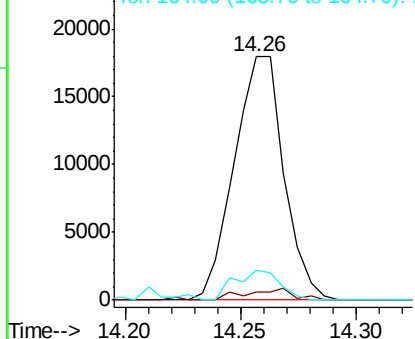
163 100

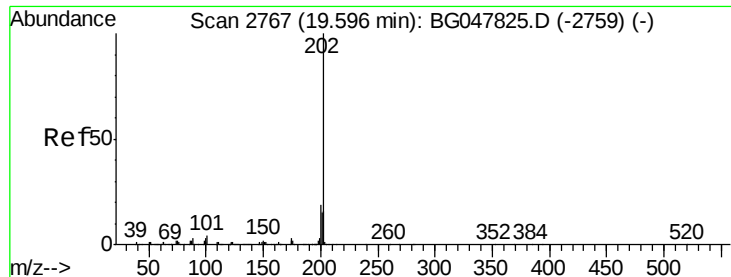
194 3.3 3.8 5.6#

164 12.2 8.1 12.1#



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: 1.163 ng/ul

RT: 19.59 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BG047832.D

Acq: 24 Dec 2020 16:02

Instrument :

BNA_G

ClientSampleId :

A54S8

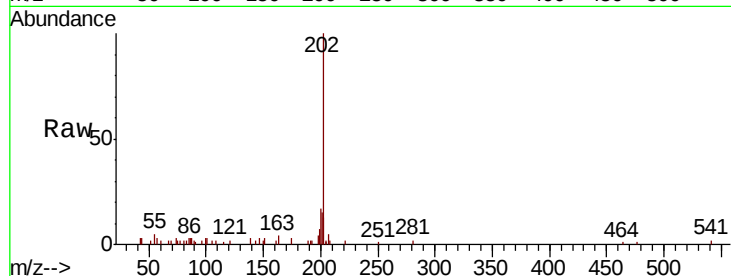
Tot Ion:202 Resp: 13858

Ion Ratio Lower Upper

202 100

101 2.6 2.8 4.2#

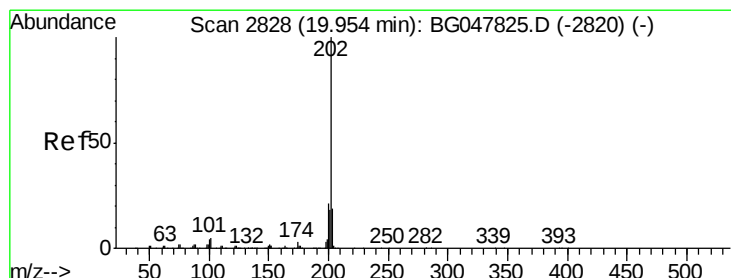
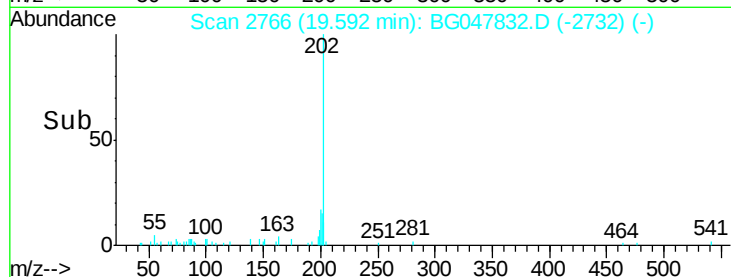
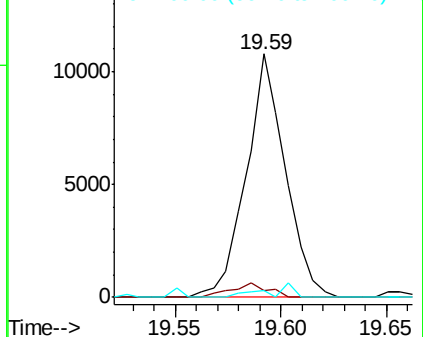
100 2.6 2.5 3.7



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

Pyrene

Concen: 1.005 ng/ul

RT: 19.96 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BG047832.D

Acq: 24 Dec 2020 16:02

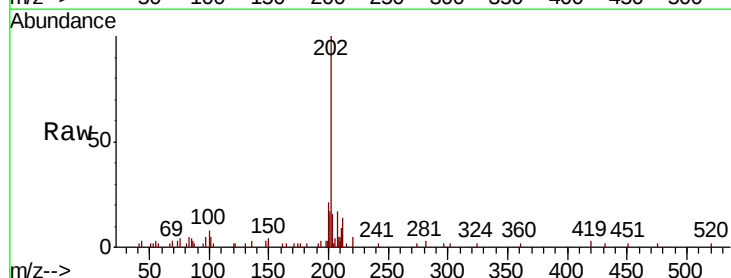
Tgt Ion:202 Resp: 12513

Ion Ratio Lower Upper

202 100

101 5.0 3.7 5.5

100 8.5 2.7 4.1#



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

