

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047647.D
 Acq On : 8 Dec 2020 12:18
 Operator : CG/JU
 Sample : L4862-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ4

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:19:43 PM

Quant Time: Dec 08 15:13:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 18:31:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	33159	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	123698	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	88980	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	209812m	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	199400	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	209121	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	2532	4.07	ng/uL	0.02
5) Phenol-d5	7.36	99	76436	26.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	39034	26.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	55329	25.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	60930	27.05	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	30643	30.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	35510	29.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	73654	27.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	74780	30.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	217036	28.08	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	265929	30.13	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	30750	26.83	ng/ul	0.00
58) Fluorene-d10	15.82	176	204974	28.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	31181	21.95	ng/ul	0.00
71) Anthracene-d10	17.67	188	314562	30.06	ng/ul	0.00
79) Pyrene-d10	19.94	212	352392	29.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	356234	29.16	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.39	94	4380	1.634	ng/ul#	85
45) Dimethylphthalate	14.27	163	35166	4.492	ng/ul	97
77) Fluoranthene	19.61	202	15255m	1.054	ng/ul	
88) Benzo(b)fluoranthene	24.14	252	15469m	1.060	ng/ul	

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

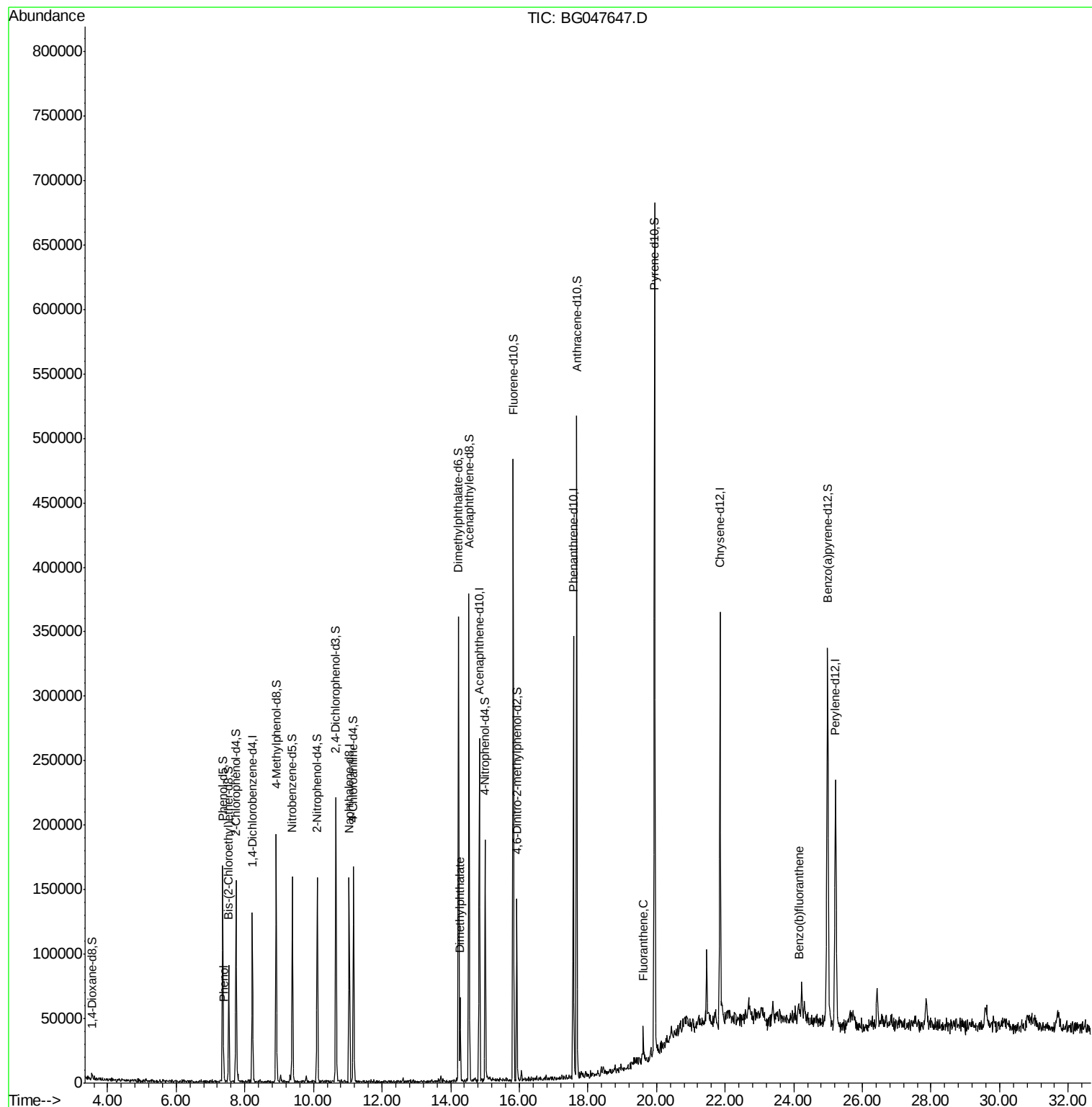
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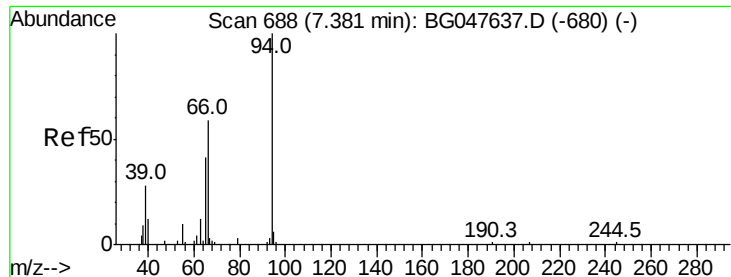
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#6

Phenol

Concen: 1.634 ng/ul

RT: 7.39 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG047647.D

Acq: 8 Dec 2020 12:18

Instrument :

BNA_G

ClientSampleId :

C0AZ4

Tot Ion: 94 Resp: 4380

Ion Ratio Lower Upper

94 100

65 35.7 35.9 53.9#

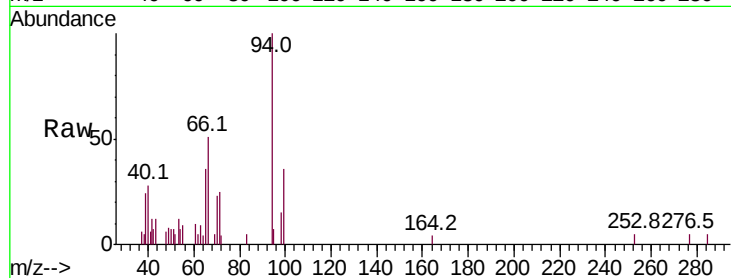
66 51.0 50.1 75.1

Manual Integrations

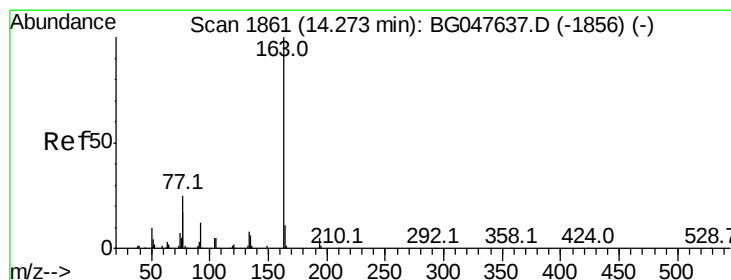
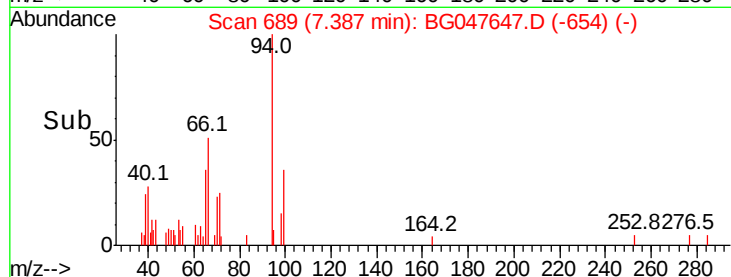
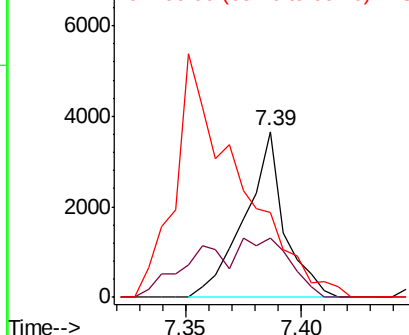
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Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 4.492 ng/ul

RT: 14.27 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG047647.D

Acq: 8 Dec 2020 12:18

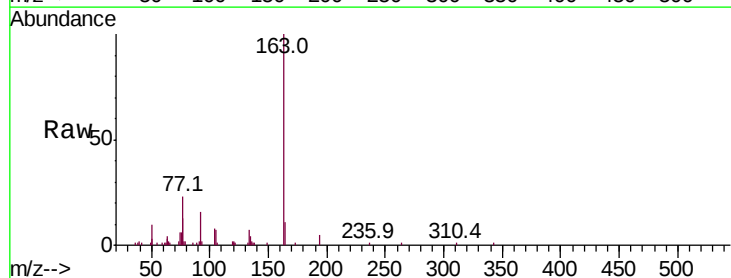
Tgt Ion:163 Resp: 35166

Ion Ratio Lower Upper

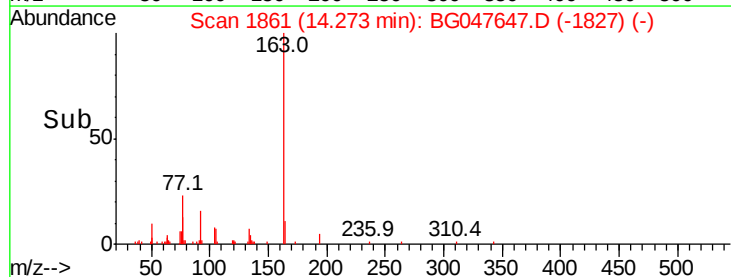
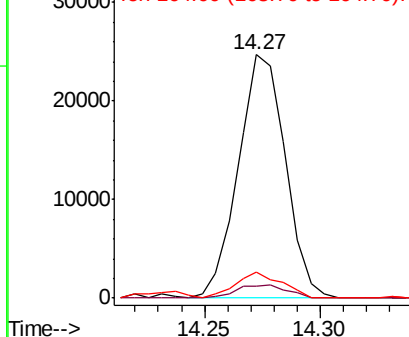
163 100

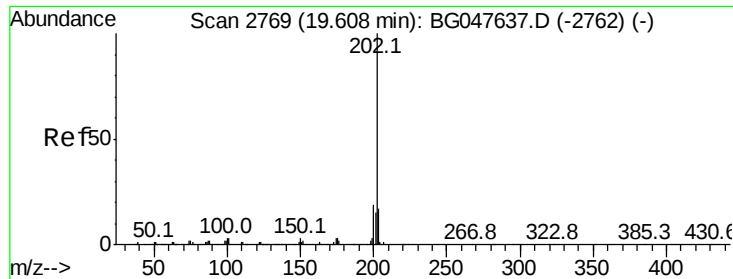
194 4.7 3.9 5.9

164 10.7 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: 1.054 ng/ul m

RT: 19.61 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG047647.D

Acq: 8 Dec 2020 12:18

Instrument :

BNA_G

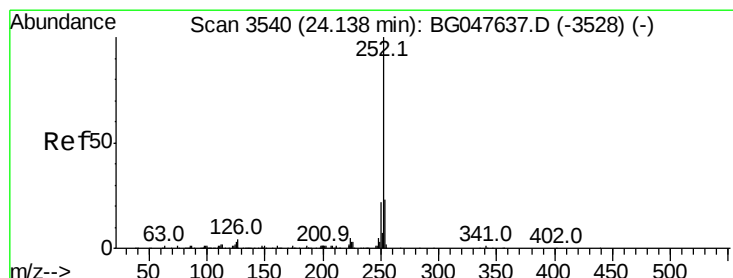
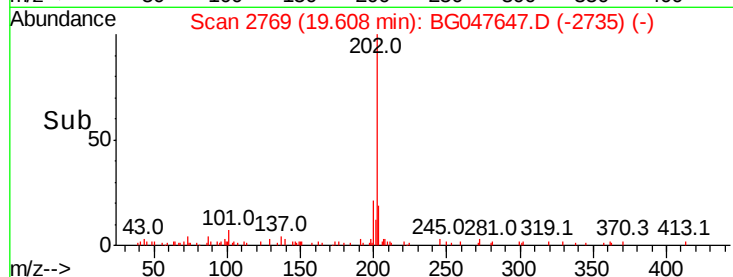
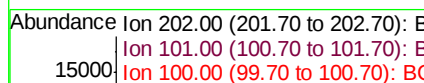
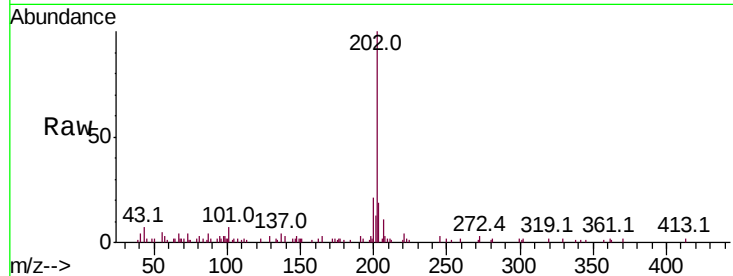
ClientSampleId :

C0AZ4

Tot Ion:	202	Resp:	15255
Ion Ratio	Lower	Upper	
202	100		
101	7.0	2.4	3.6#
100	2.2	2.6	3.8#

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#88

Benzo(b)fluoranthene

Concen: 1.060 ng/ul m

RT: 24.14 min Scan# 3541

Delta R.T. 0.01 min

Lab File: BG047647.D

Acq: 8 Dec 2020 12:18

Tgt Ion:	252	Resp:	15469
Ion Ratio	Lower	Upper	
252	100		
253	20.6	18.7	28.1
125	11.5	2.6	3.8#

