

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047606.D
 Acq On : 5 Dec 2020 15:13
 Operator : CG/JU
 Sample : L4859-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B93

Manual Integrations
 APPROVED

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 12/7/2020 2:01:27 PM

Quant Time: Dec 07 05:48:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	31298	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	127437	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.86	164	102760	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	248180	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	235162	20.00	ng/ul	-0.02
86) Perylene-d12	25.26	264	239206	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	1254m	1.46	ng/uL	-0.03
5) Phenol-d5	7.38	99	38147	12.15	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	20624	11.52	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.77	132	27875	13.24	ng/ul	-0.03
13) 4-Methylphenol-d8	8.93	113	21084	8.74	ng/ul	-0.03
19) Nitrobenzene-d5	9.41	128	15164	14.41	ng/ul	-0.03
22) 2-Nitrophenol-d4	10.14	143	18125	15.78	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.68	165	35681	13.57	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	28907	10.87	ng/ul	-0.02
44) Dimethylphthalate-d6	14.26	166	121065	13.72	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	140042	13.74	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	14183	10.54	ng/ul	0.00
58) Fluorene-d10	15.85	176	112688	13.94	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	18744	13.27	ng/ul	-0.02
71) Anthracene-d10	17.69	188	167987	13.64	ng/ul	-0.02
79) Pyrene-d10	19.96	212	203679	14.88	ng/ul	-0.02
90) Benzo(a)pyrene-d12	25.03	264	201003	14.60	ng/ul	-0.03

Target Compounds

					Ovalue
6) Phenol	7.41	94	8573	2.851 ng/ul	92
45) Dimethylphthalate	14.30	163	46427	5.160 ng/ul	96
77) Fluoranthene	19.63	202	28450	1.681 ng/ul#	94
80) Pyrene	19.99	202	24917	1.496 ng/ul#	93
88) Benzo(b)fluoranthene	24.17	252	21155m	1.253 ng/ul	

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

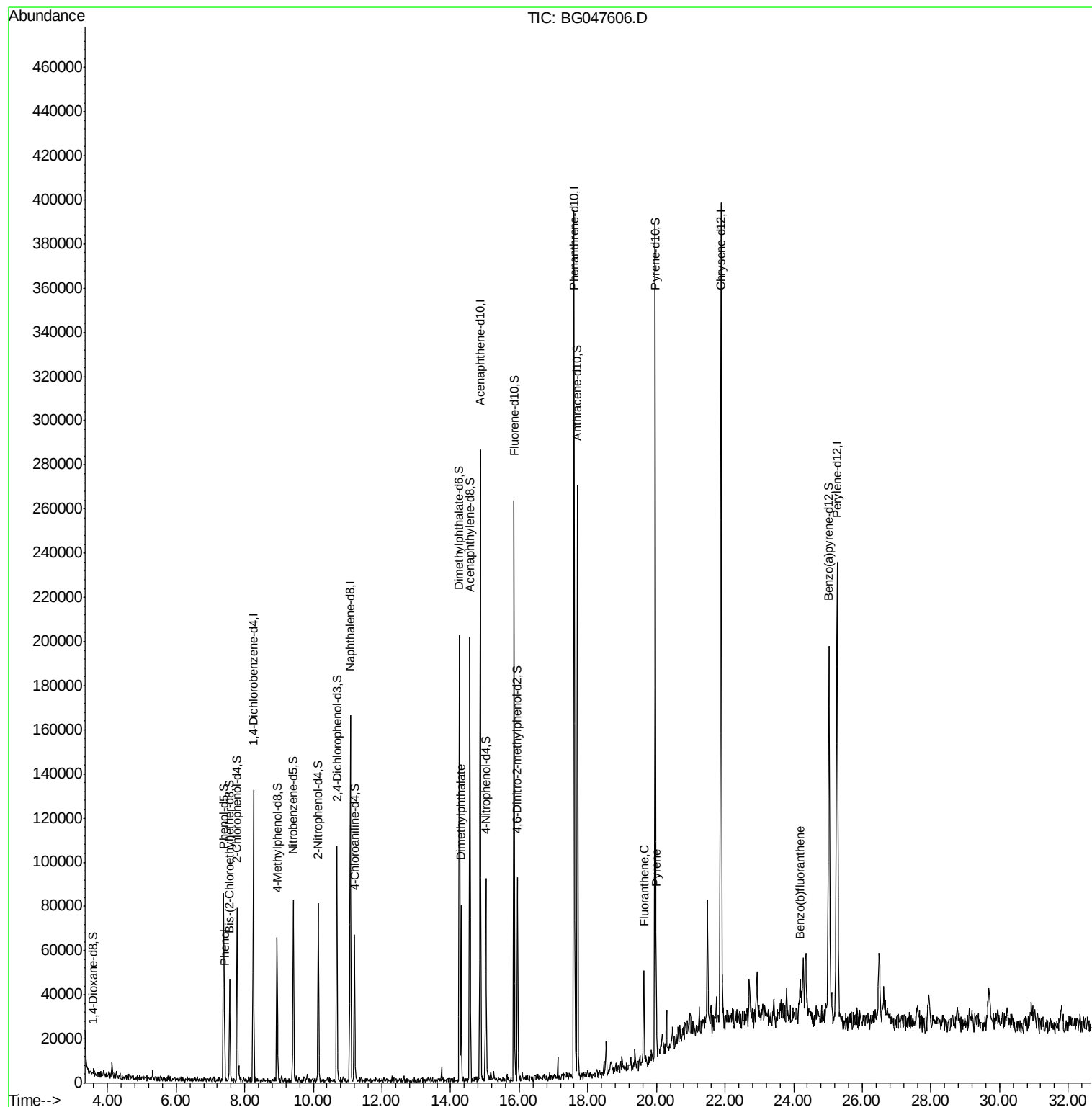
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
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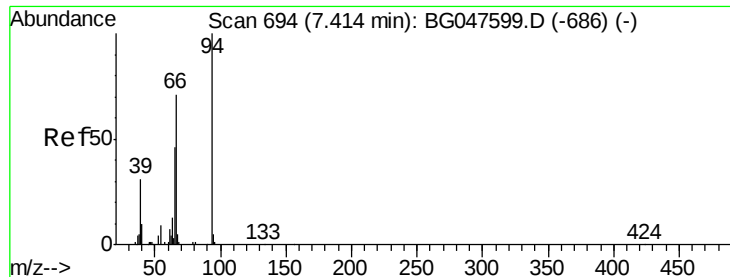
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#6

Phenol

Concen: 2.851 ng/ul

RT: 7.41 min Scan# 693

Delta R.T. -0.02 min

Lab File: BG047606.D

Acq: 5 Dec 2020 15:13

Instrument :

BNA_G

ClientSampled :

C0B93

Tot Ion: 94 Resp: 8573

Ion Ratio Lower Upper

94 100

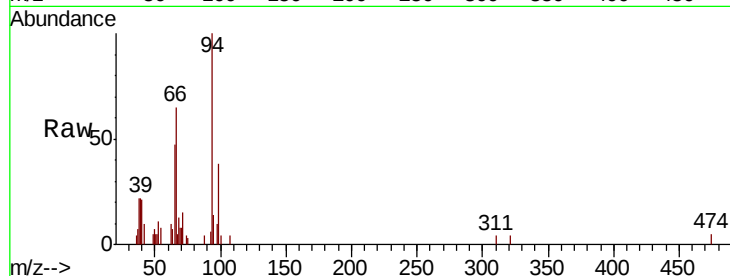
65 41.3 31.2 46.8

66 57.1 52.2 78.2

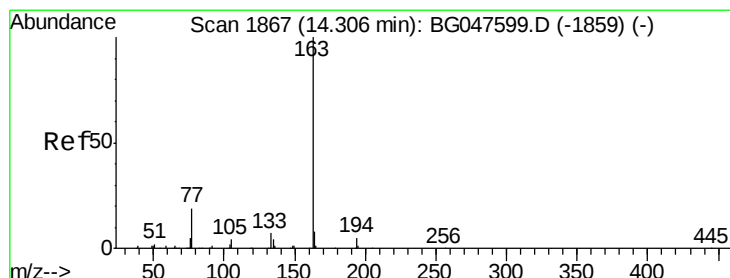
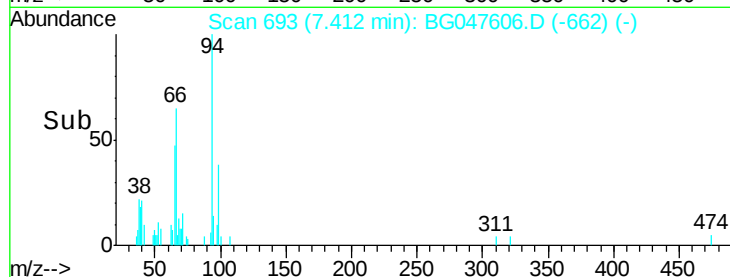
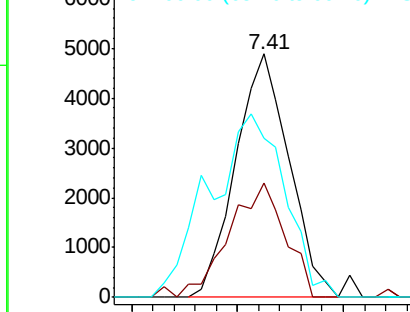
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Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 5.160 ng/ul

RT: 14.30 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG047606.D

Acq: 5 Dec 2020 15:13

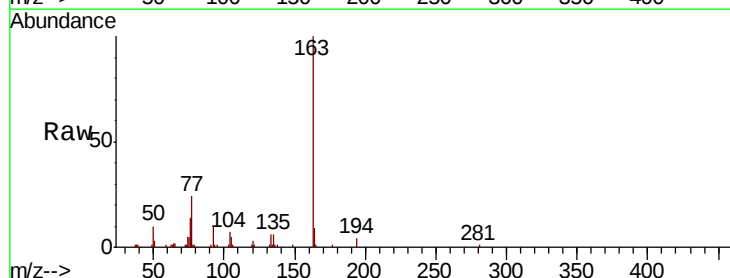
Tgt Ion:163 Resp: 46427

Ion Ratio Lower Upper

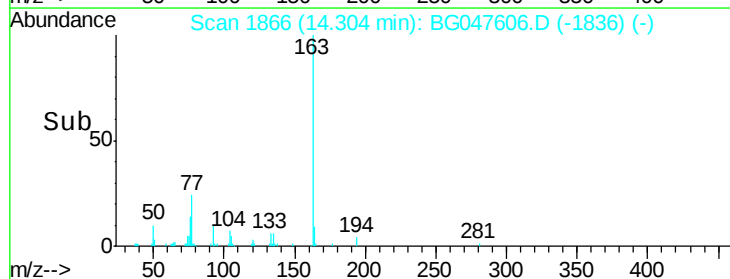
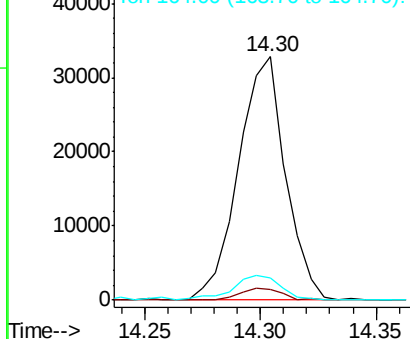
163 100

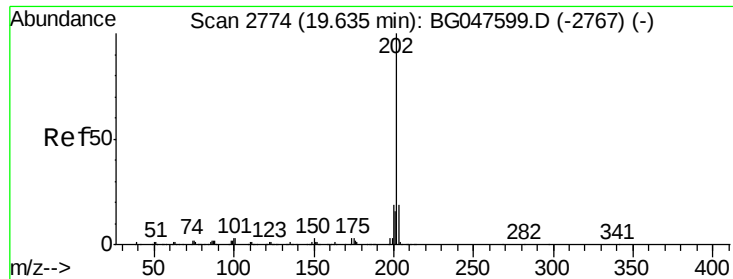
194 4.2 3.4 5.2

164 9.2 8.8 13.2



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





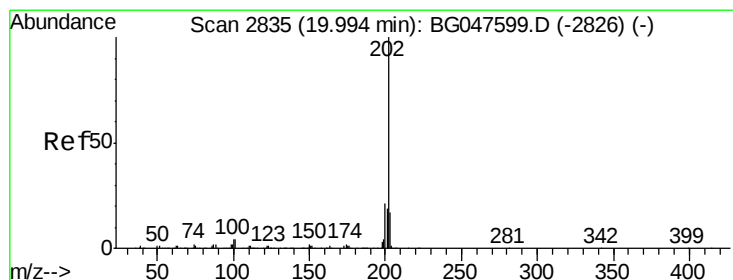
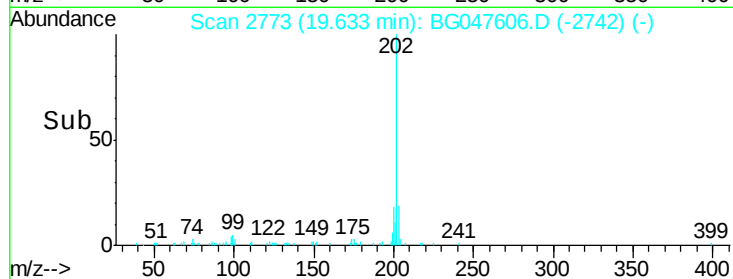
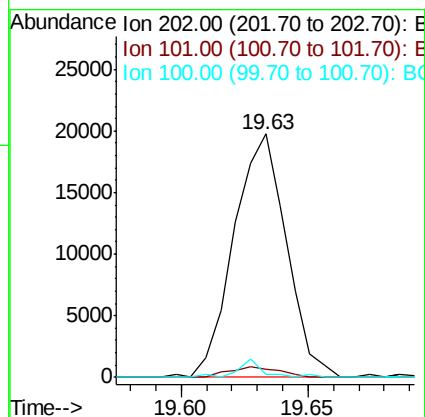
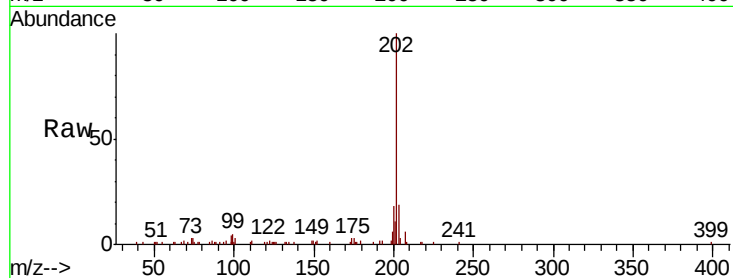
#77
 Fluoranthene
 Concen: 1.681 ng/ul
 RT: 19.63 min Scan# 2773
 Delta R.T. -0.02 min
 Lab File: BG047606.D
 Acq: 5 Dec 2020 15:13

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	3.1	3.3	4.9#		
100	1.5	3.4	5.0#		

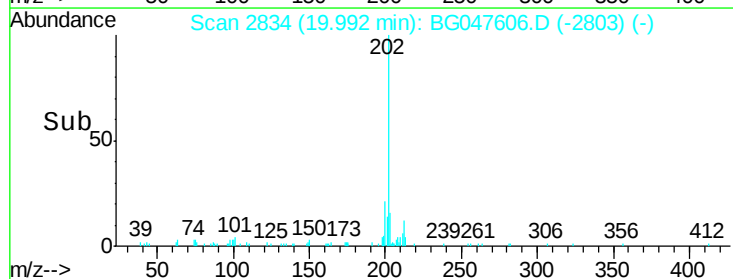
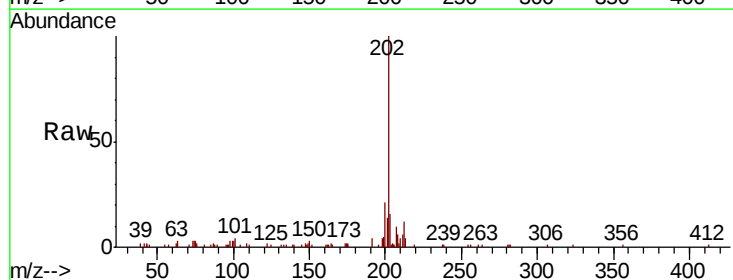
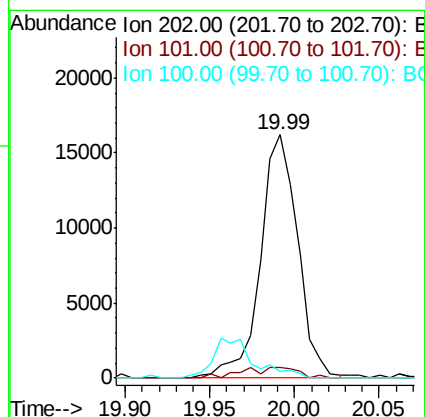
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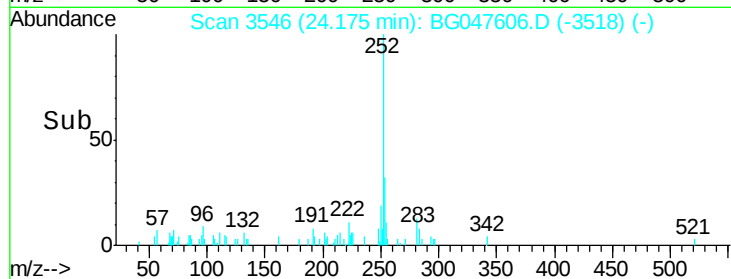
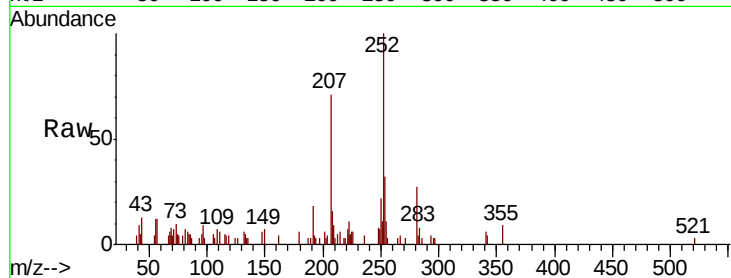
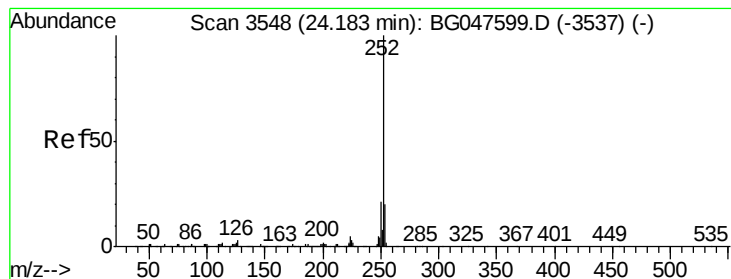
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#80
 Pyrene
 Concen: 1.496 ng/ul
 RT: 19.99 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BG047606.D
 Acq: 5 Dec 2020 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	4.4	5.0	7.4#		
100	2.9	4.6	7.0#		





#88

Benzo(b)fluoranthene

Concen: 1.253 ng/ul m

RT: 24.17 min Scan# 3546

Delta R.T. -0.03 min

Lab File: BG047606.D

Acq: 5 Dec 2020 15:13

Instrument :

BNA_G

ClientSampleId :

C0B93

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.5	18.4	27.6#
125	0.0	2.5	3.7#

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