

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042105.D
 Acq On : 9 Aug 2019 16:57
 Operator : HP/JU
 Sample : K4041-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 02:30:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 16:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	74885	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	307209	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	214935	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	457438	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	447315	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	513660	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4314	2.52	ng/uL	0.00
5) Phenol-d5	7.18	99	93434	15.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	54169	16.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	90908	18.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	72241	14.64	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	45933	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	56870	21.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	101496	18.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	110556	18.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	324969	19.49	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	385395	20.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	29568	10.56	ng/ul	0.01
57) Fluorene-d10	15.68	176	290144	19.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	42928	14.63	ng/ul	0.00
70) Anthracene-d10	17.54	188	453024	20.64	ng/ul	0.00
78) Pyrene-d10	19.83	212	508504	20.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	558608	20.82	ng/ul	0.00

Target Compounds

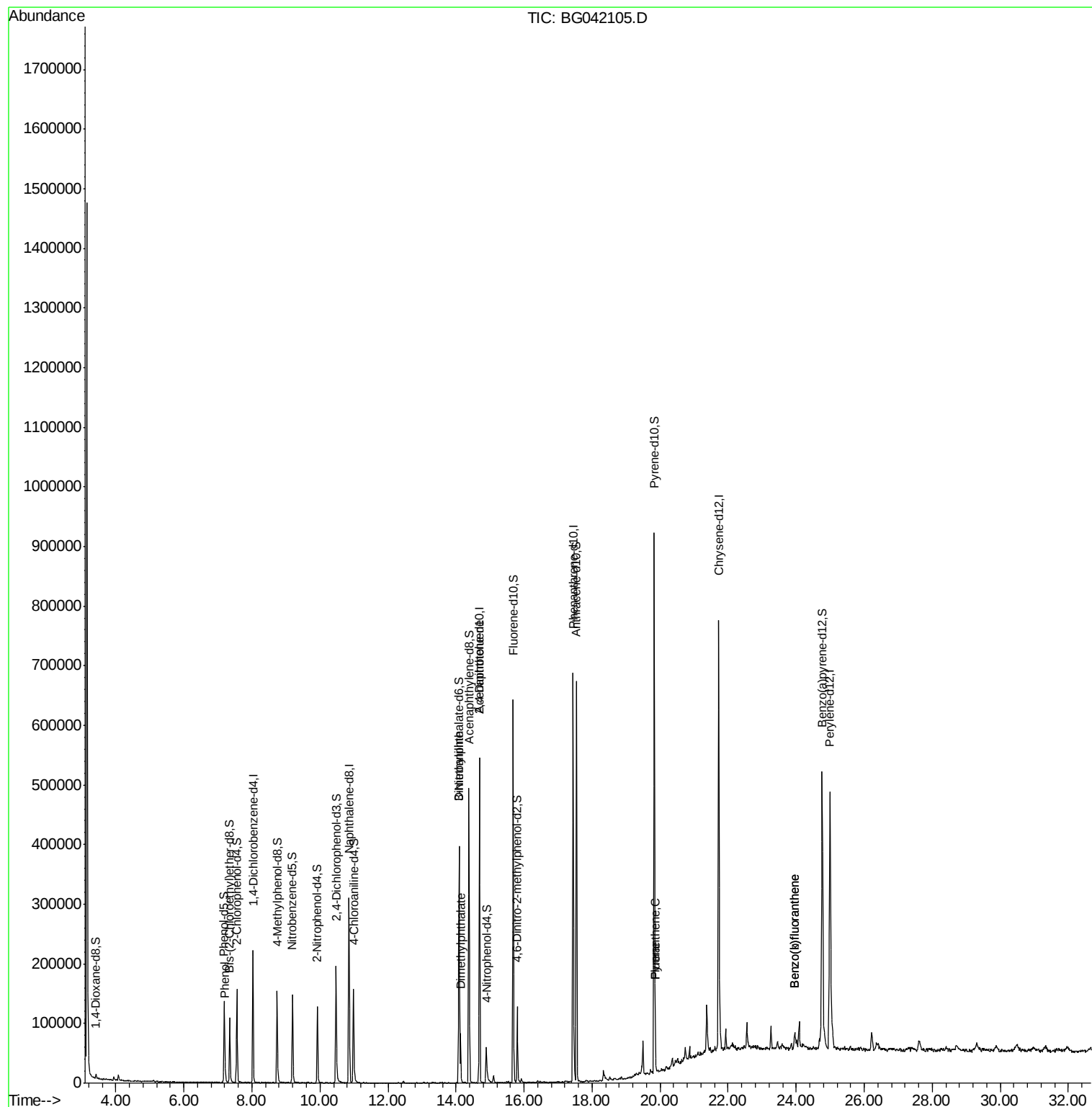
					Ovalue	
6) Phenol	7.21	94	14605	2.408	ng/ul#	84
44) Dimethylphthalate	14.13	163	62376	3.769	ng/ul#	96
48) 3-Nitroaniline	14.09	138	17444	6.076	ng/ul#	59
54) 2,4-Dinitrotoluene	14.69	165	27608	5.274	ng/ul#	42
76) Fluoranthene	19.86	202	35284	1.219	ng/ul	99
79) Pyrene	19.86	202	35284	1.173	ng/ul	96
87) Benzo(b)fluoranthene	23.95	252	33318	1.034	ng/ul	99
88) Benzo(k)fluoranthene	23.95	252	33318	1.075	ng/ul	98

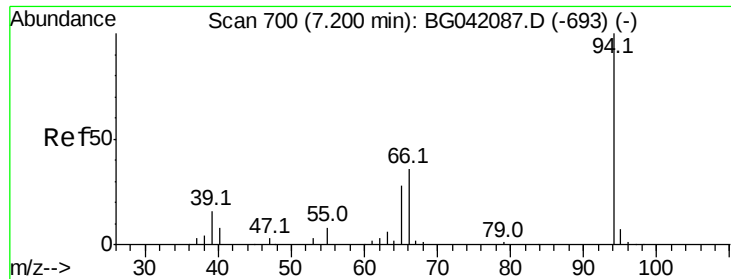
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.408 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG042105.D

Acq: 9 Aug 2019 16:57

Instrument :

BNA_G

ClientSampleId :

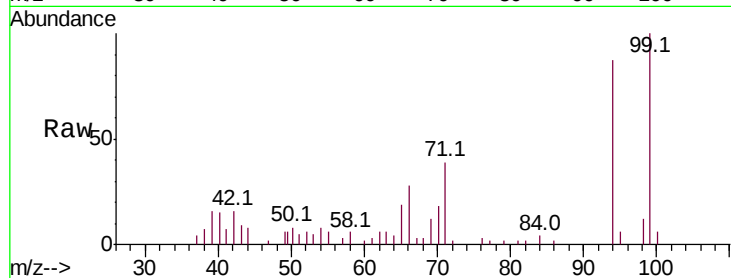
Tot Ion: 94 Resp: 14605

Ion Ratio Lower Upper

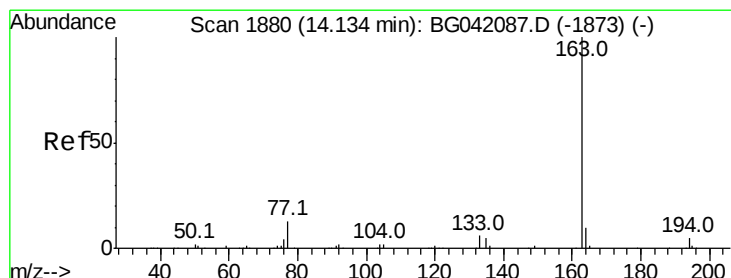
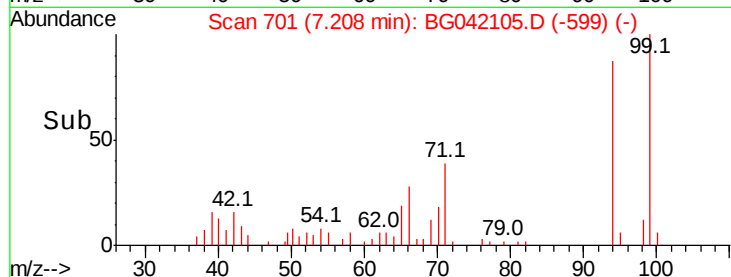
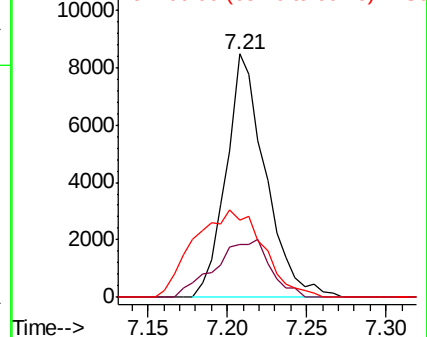
94 100

65 21.6 25.8 38.6#

66 31.8 31.8 47.8#



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



#44

Dimethylphthalate

Concen: 3.769 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG042105.D

Acq: 9 Aug 2019 16:57

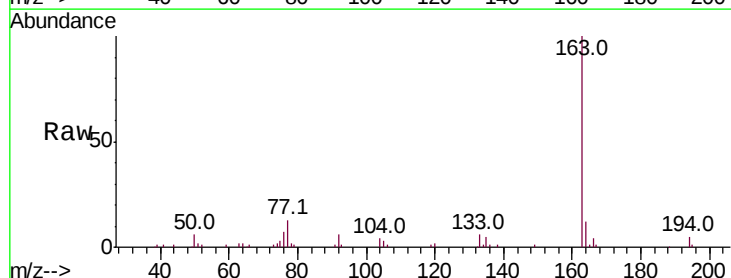
Tgt Ion:163 Resp: 62376

Ion Ratio Lower Upper

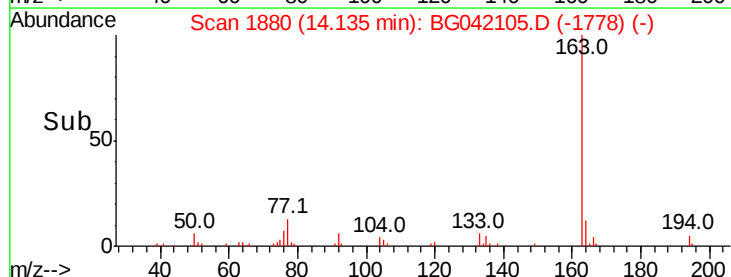
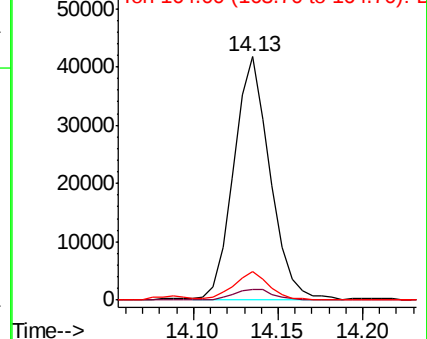
163 100

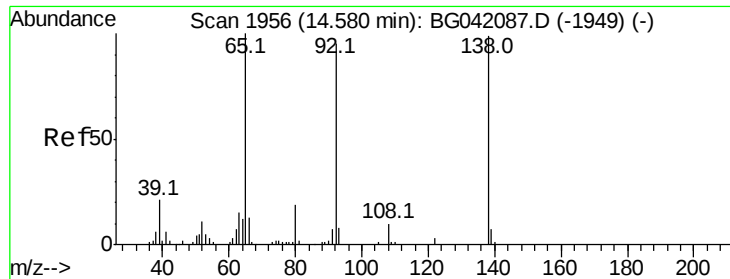
194 4.6 4.2 6.2

164 11.8 7.8 11.8#



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

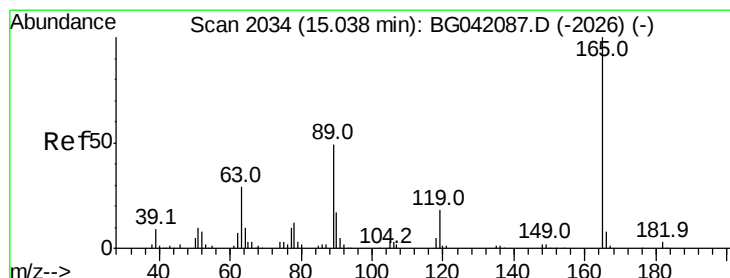
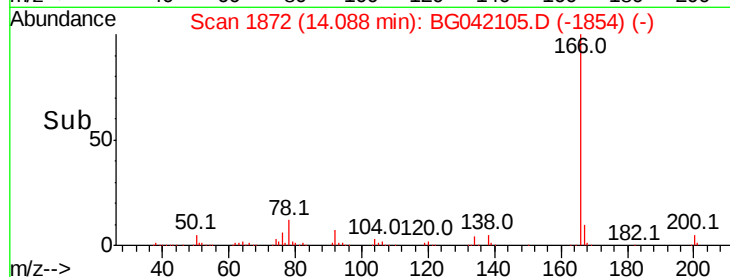
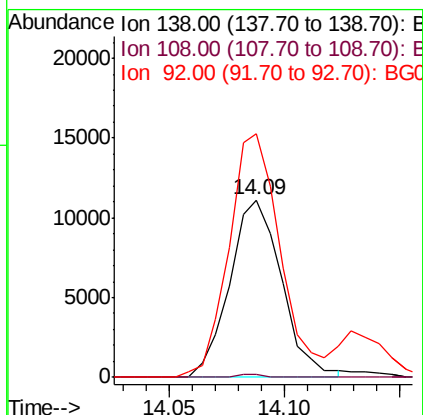
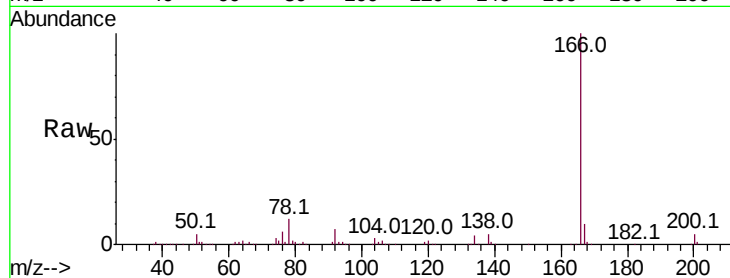




#48
 3-Nitroaniline
 Concen: 6.076 ng/ul
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.49 min
 Lab File: BG042105.D
 Acq: 9 Aug 2019 16:57

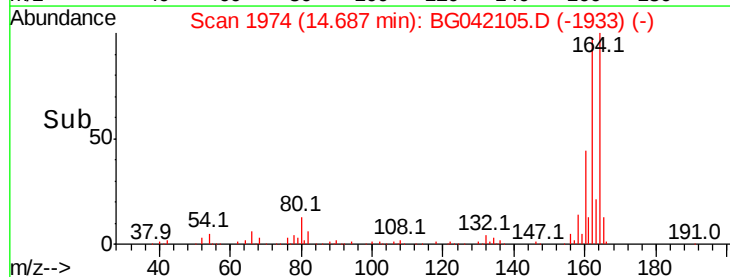
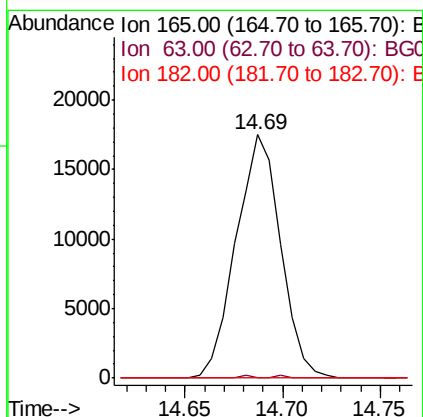
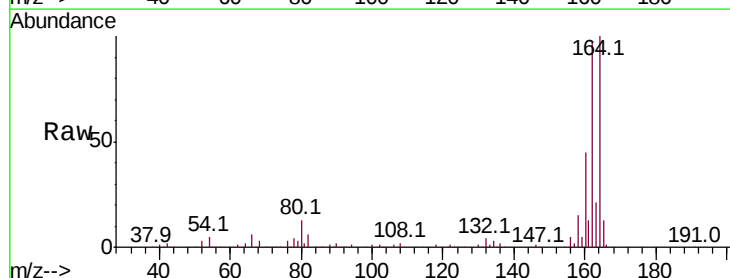
Instrument :
 BNA_G
 ClientSampleId :

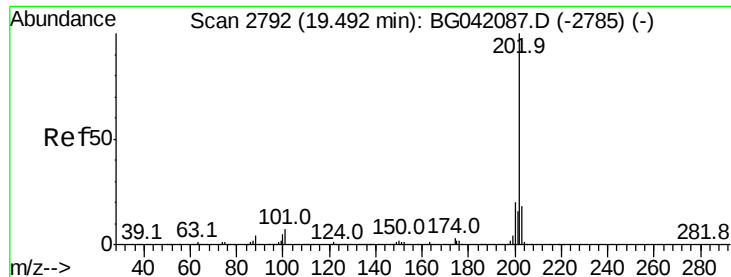
Tot Ion:138 Resp: 17444
 Ion Ratio Lower Upper
 138 100
 108 1.8 7.6 11.4#
 92 137.4 76.4 114.6#



#54
 2,4-Dinitrotoluene
 Concen: 5.274 ng/ul
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.36 min
 Lab File: BG042105.D
 Acq: 9 Aug 2019 16:57

Tgt Ion:165 Resp: 27608
 Ion Ratio Lower Upper
 165 100
 63 0.0 29.4 44.2#
 182 0.0 2.6 4.0#





#76

Fluoranthene

Concen: 1.219 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. 0.37 min

Lab File: BG042105.D

Acq: 9 Aug 2019 16:57

Instrument :

BNA_G

ClientSampleId :

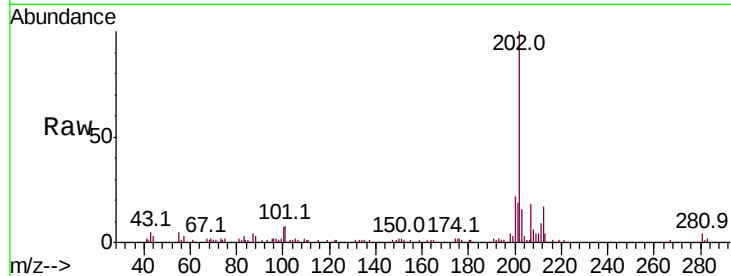
Tot Ion:202 Resp: 35284

Ion Ratio Lower Upper

202 100

101 7.9 6.7 10.1

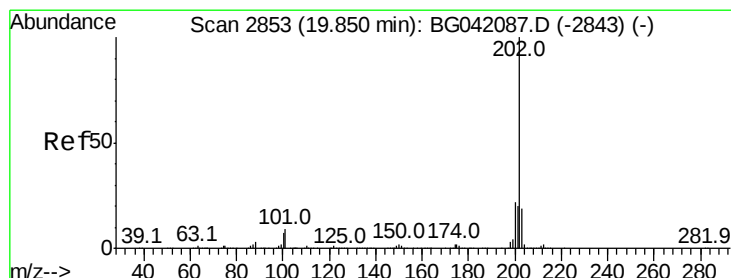
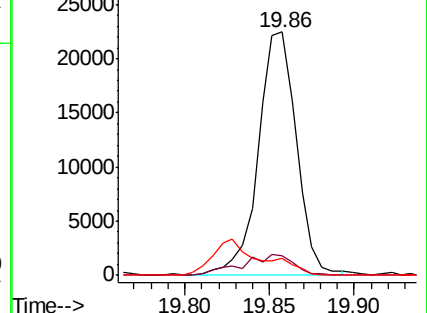
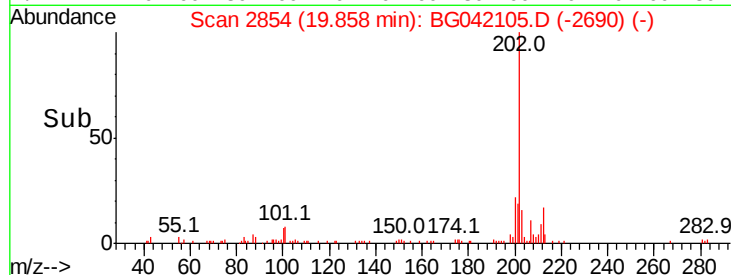
100 7.1 5.3 7.9



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



#79

Pyrene

Concen: 1.173 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG042105.D

Acq: 9 Aug 2019 16:57

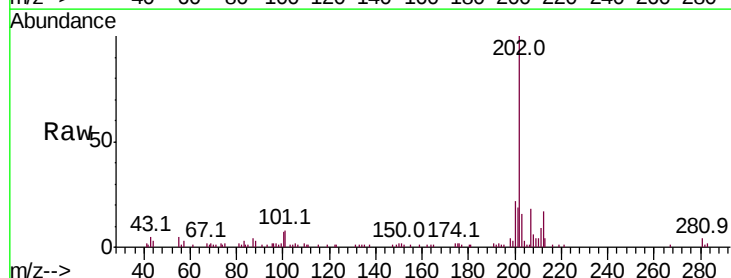
Tgt Ion:202 Resp: 35284

Ion Ratio Lower Upper

202 100

101 7.9 7.6 11.4

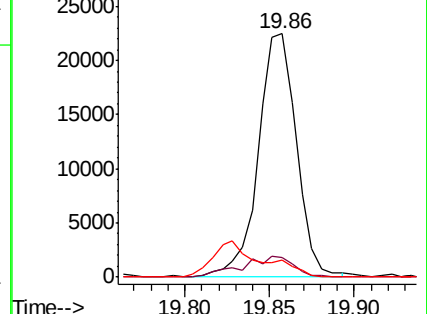
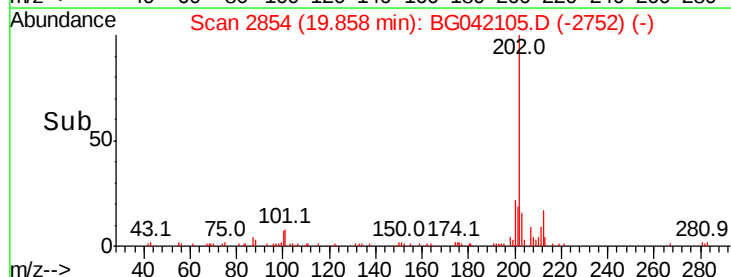
100 7.1 6.5 9.7

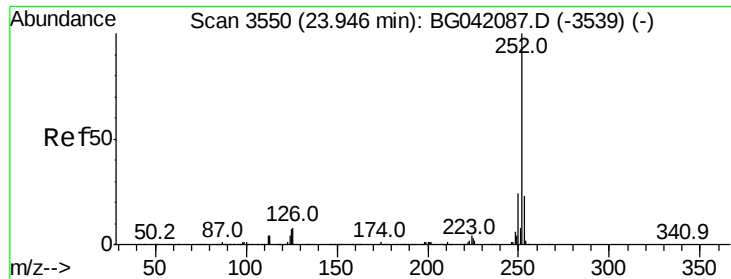


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

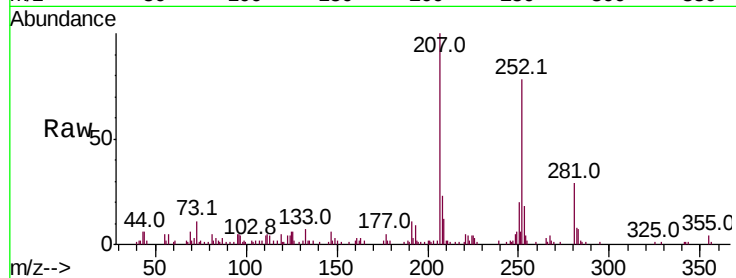




#87
Benzo(b)fluoranthene
Concen: 1.034 ng/ul
RT: 23.95 min Scan# 3551
Delta R.T. 0.01 min
Lab File: BG042105.D
Acq: 9 Aug 2019 16:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	8.2	5.8	8.8

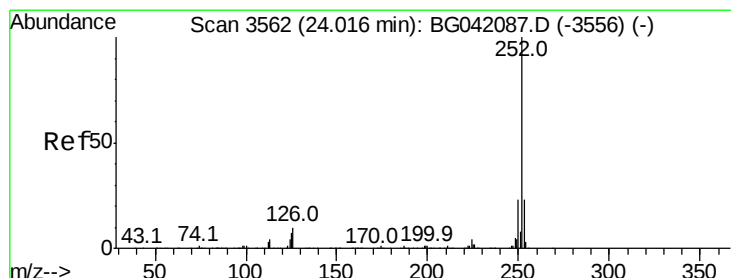
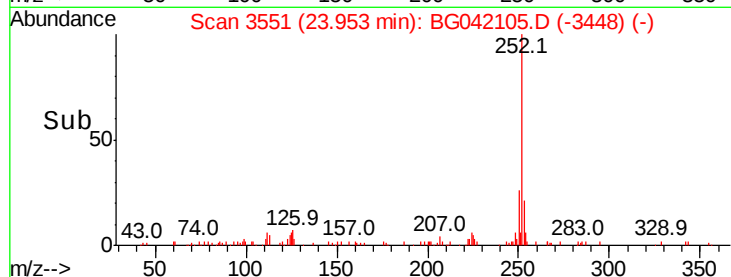
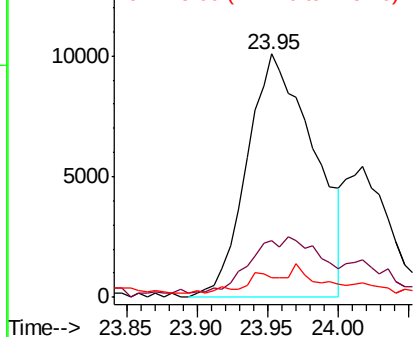


Abundance

Ion 252.00 (251.70 to 252.70): E

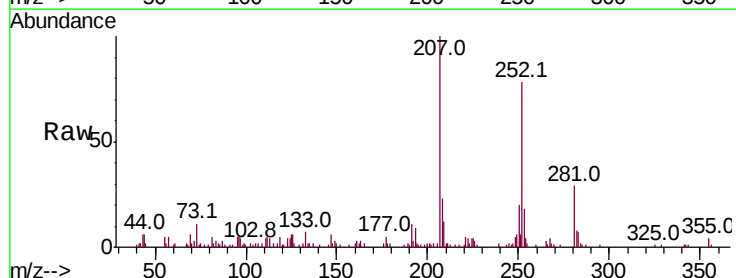
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 1.075 ng/ul
RT: 23.95 min Scan# 3551
Delta R.T. -0.06 min
Lab File: BG042105.D
Acq: 9 Aug 2019 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	8.2	5.5	8.3



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

