

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
 Data File : BG028496.D
 Acq On : 25 Aug 2017 17:43
 Operator : SJ/JU
 Sample : I4885-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AP9

Quant Time: Aug 25 23:14:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 23:11:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	26019	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	111365	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	79758	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	193541	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	231024	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	227628	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.81	96	2038	3.65	ng/uL	0.00
5) Phenol-d5	7.49	99	62652	21.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	38936	21.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	47088	26.12	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	53077	22.22	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	23377	26.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	29176	30.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	53893	27.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	41856	19.04	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	191253	26.96	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	218958	27.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	26862	23.82	ng/ul	0.00
57) Fluorene-d10	15.94	176	173055	27.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	32059	25.50	ng/ul	0.00
70) Anthracene-d10	17.80	188	300714	32.40	ng/ul	0.00
76) Pyrene-d10	20.07	212	364561	30.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	357660	33.56	ng/ul	0.02

Target Compounds

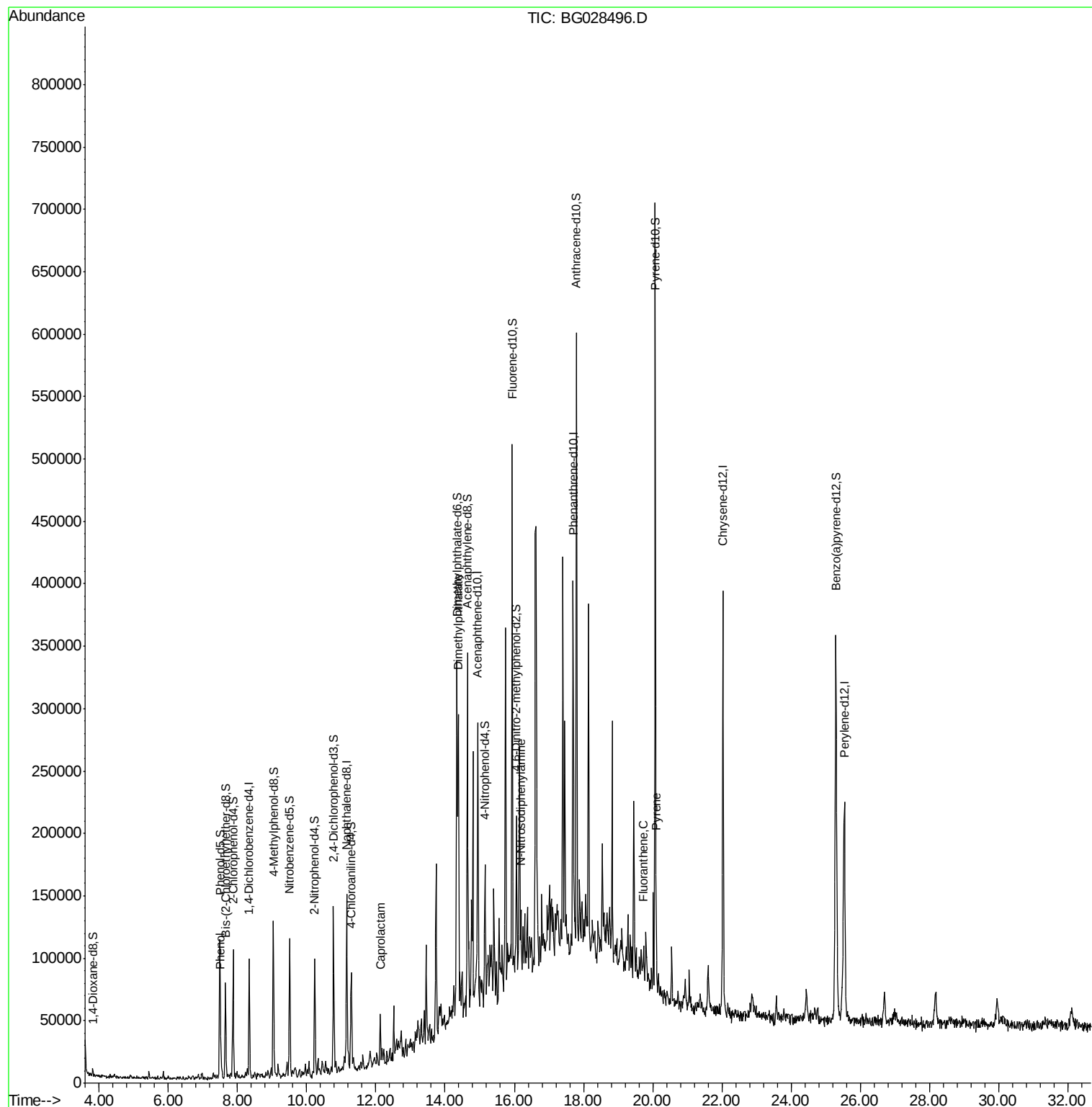
				Ovalue	
6) Phenol	7.52	94	8317	2.929	ng/ul# 95
32) Caprolactam	12.13	113	1702	2.276	ng/ul# 1
44) Dimethylphthalate	14.38	163	81780	12.520	ng/ul 99
64) N-Nitrosodiphenylamine	16.19	169	15907	3.124	ng/ul# 33
74) Fluoranthene	19.74	202	16746	1.415	ng/ul# 95
77) Pyrene	20.10	202	18866	1.369	ng/ul# 94

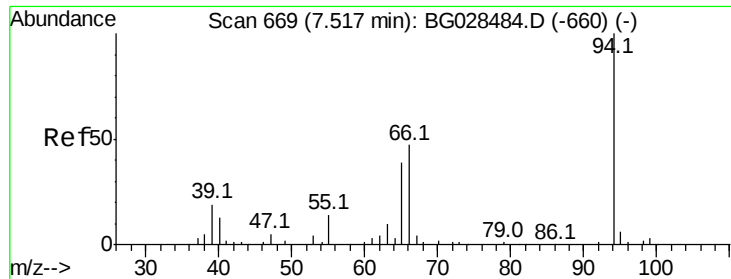
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.929 ng/ul

RT: 7.52 min Scan# 668

Delta R.T. -0.00 min

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Acq: 25 Aug 2017 17:43

Instrument :

BNA_G

ClientSampleId :

B0AP9

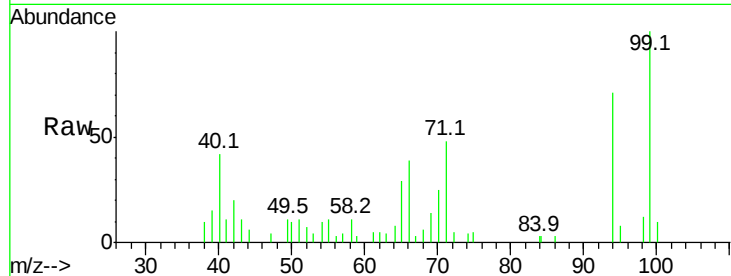
Tot Ion: 94 Resp: 8317

Ion Ratio Lower Upper

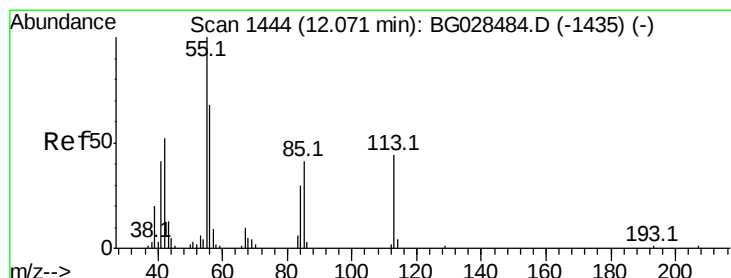
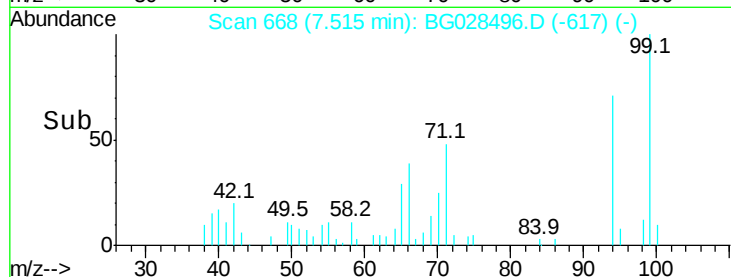
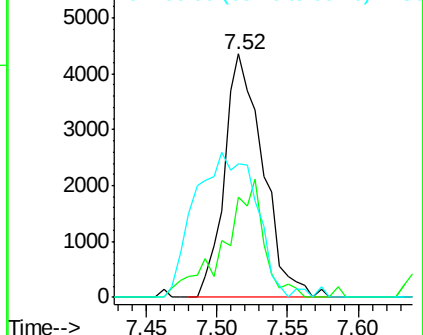
94 100

65 41.0 26.8 40.2#

66 55.0 44.4 66.6



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



#32

Caprolactam

Concen: 2.276 ng/ul

RT: 12.13 min Scan# 1453

Delta R.T. 0.06 min

Lab File: BG028496.D

Acq: 25 Aug 2017 17:43

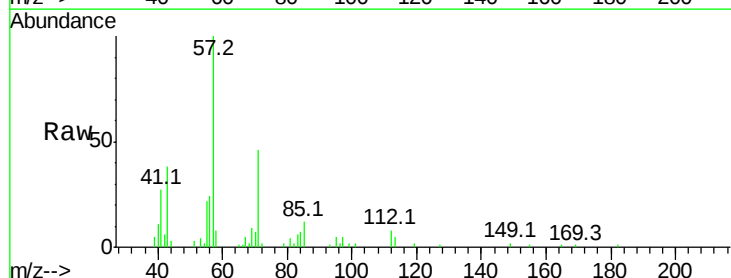
Tgt Ion: 113 Resp: 1702

Ion Ratio Lower Upper

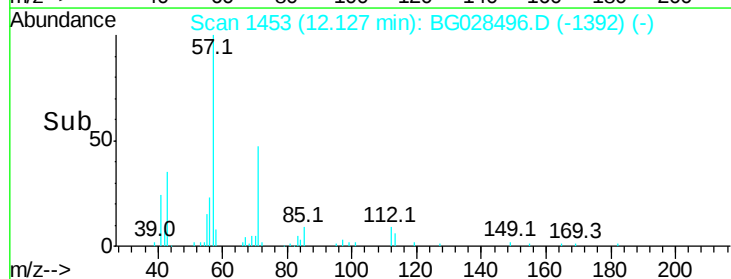
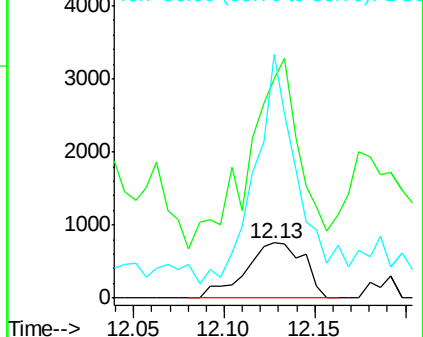
113 100

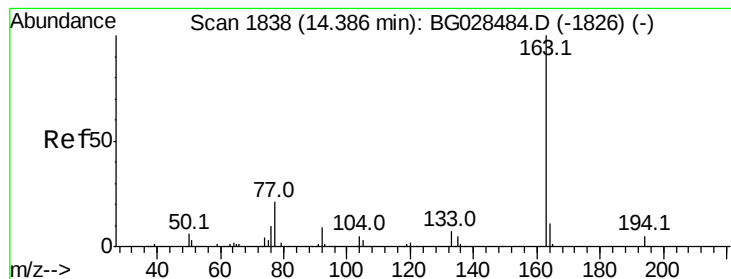
55 399.5 168.6 252.8#

56 444.0 128.5 192.7#



Abundance Ion 113.00 (112.70 to 113.70): BGC
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





#44

Dimethylphthalate

Concen: 12.520 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG028496.D

Acq: 25 Aug 2017 17:43

Instrument :

BNA_G

ClientSampleId :

B0AP9

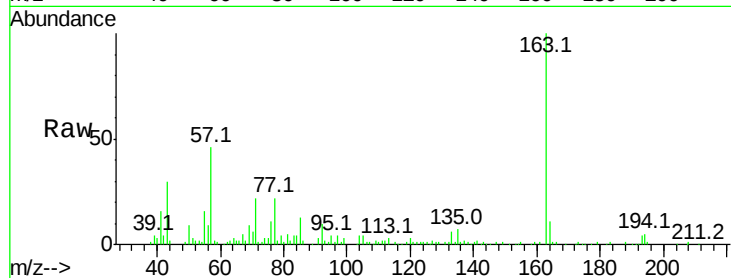
Tot Ion:163 Resp: 81780

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.0

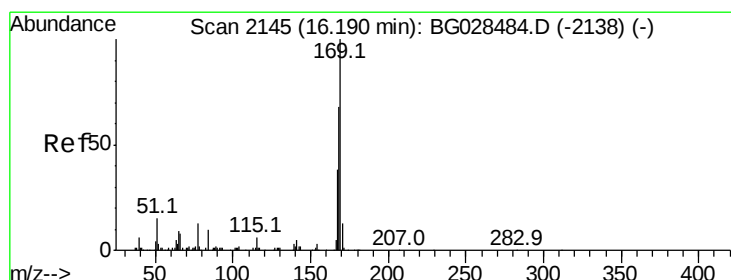
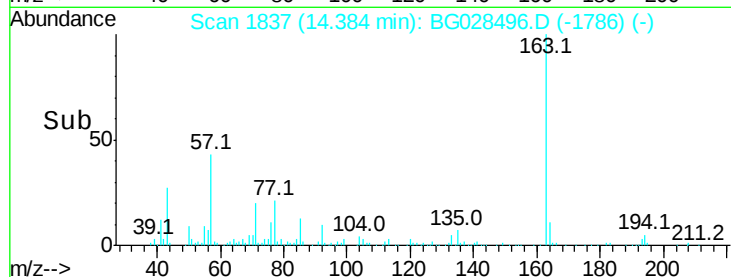
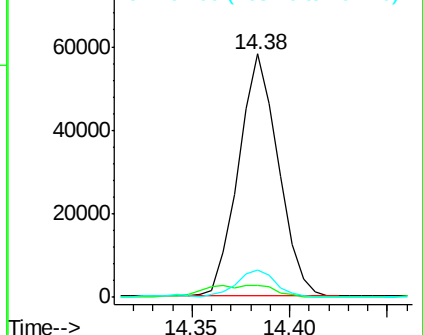
164 11.4 9.0 13.4



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



#64

N-Nitrosodiphenylamine

Concen: 3.124 ng/ul

RT: 16.19 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG028496.D

Acq: 25 Aug 2017 17:43

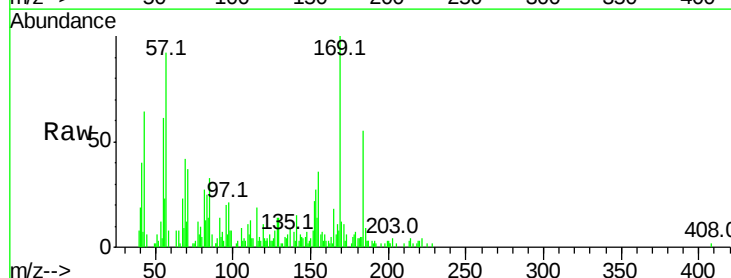
Tgt Ion:169 Resp: 15907

Ion Ratio Lower Upper

169 100

168 7.9 59.1 88.7#

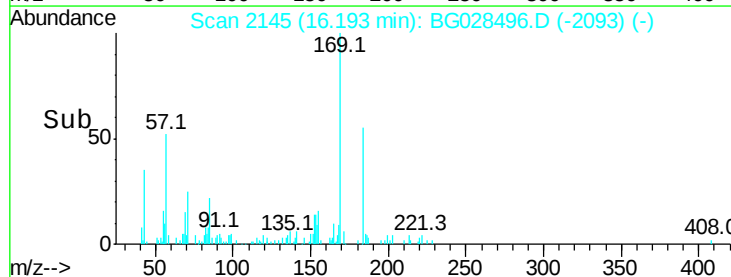
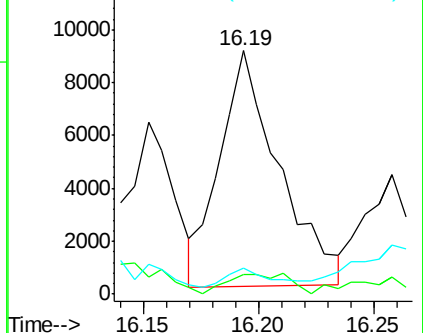
167 10.5 29.7 44.5#

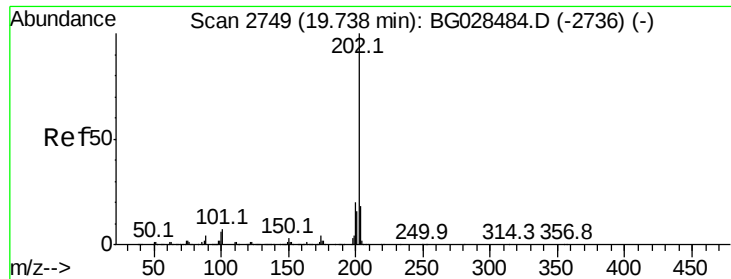


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#74

Fluoranthene

Concen: 1.415 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BG028496.D

Acq: 25 Aug 2017 17:43

Instrument :

BNA_G

ClientSampleId :

B0AP9

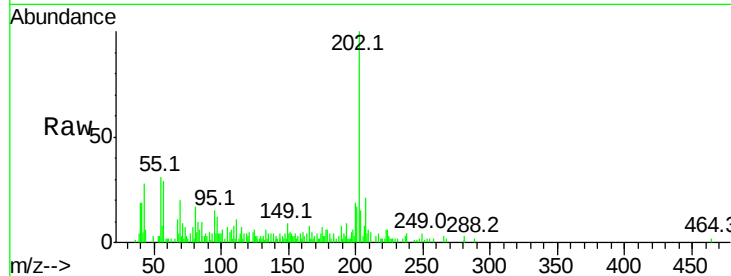
Tot Ion:202 Resp: 16746

Ion Ratio Lower Upper

202 100

101 6.5 6.2 9.2

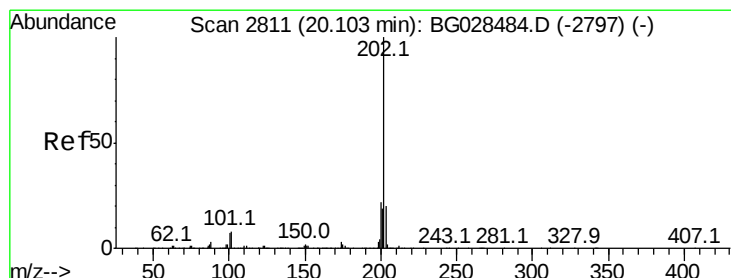
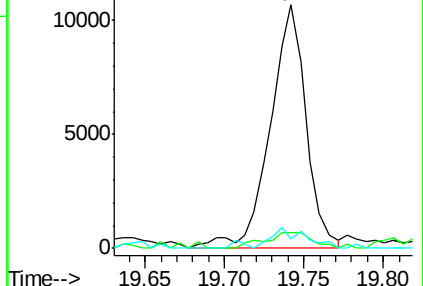
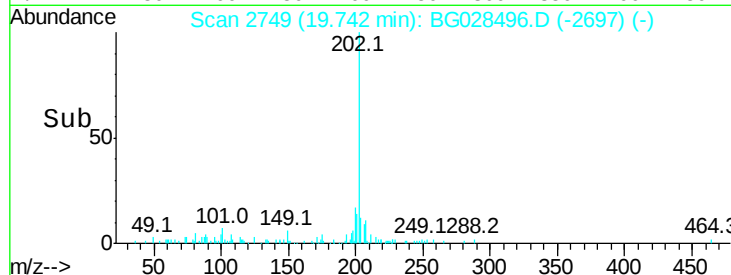
100 4.0 5.2 7.8#



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



#77

Pyrene

Concen: 1.369 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028496.D

Acq: 25 Aug 2017 17:43

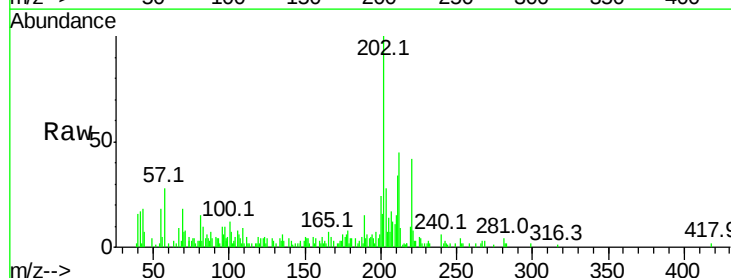
Tgt Ion:202 Resp: 18866

Ion Ratio Lower Upper

202 100

101 7.4 6.9 10.3

100 11.8 6.6 10.0#



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

