

Data File : BG026841.D
Acq On : 2 May 2017 13:32
Operator : SJ/MA
Sample : I2867-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHTA4

Quant Time: May 03 00:59:35 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 03 00:58:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	189054	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	928904	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	486386	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	898209	20.00	ng/ul	0.00
75) Chrysene-d12	21.61	240	813235	20.00	ng/ul	0.00
83) Perylene-d12	24.79	264	847889	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	18087	4.31	ng/uL	0.00
5) Phenol-d5	7.19	99	497856	29.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	300148	30.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	399039	27.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	404599	28.89	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	210326	27.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	229899	27.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	375138	27.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	343324	19.11	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	1149071	29.35	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1522928	30.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	191660	27.16	ng/ul	0.00
57) Fluorene-d10	15.61	176	975766	28.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	128474	23.56	ng/ul	0.00
70) Anthracene-d10	17.45	188	1346534	30.89	ng/ul	0.00
76) Pyrene-d10	19.74	212	1293892	30.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.57	264	1220277	30.44	ng/ul	0.02

Target Compounds

						Qvalue
6) Phenol	7.21	94	24873	1.45	ng/ul#	86
44) Dimethylphthalate	14.07	163	269561	7.03	ng/ul	97
77) Pyrene	19.76	202	70678	1.30	ng/ul#	73
80) Benzo(a)anthracene	21.63	228	54440	1.14	ng/ul#	70
82) Chrysene	21.63	228	54440	1.23	ng/ul#	74
91) Benzo(g,h,i)perylene	29.55	276	111136	2.37	ng/ul#	60

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

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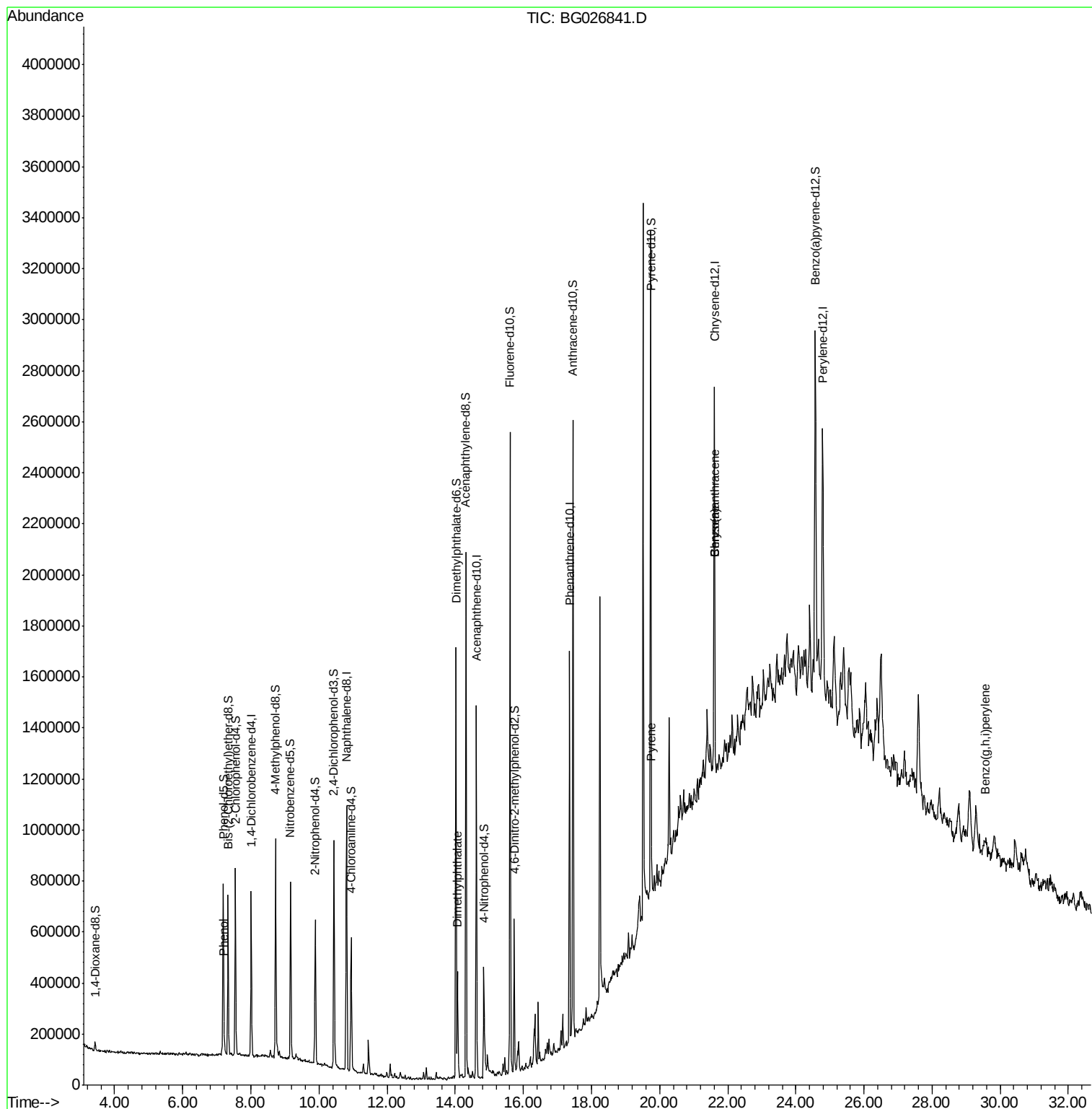
Quant Time: May 03 00:59:35 2017

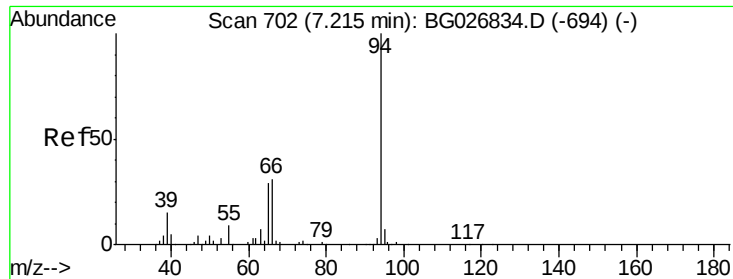
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration





#6

Phenol

Concen: 1.45 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

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Acq: 2 May 2017 13:32

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BNA_G

ClientSampleId :

JHTA4

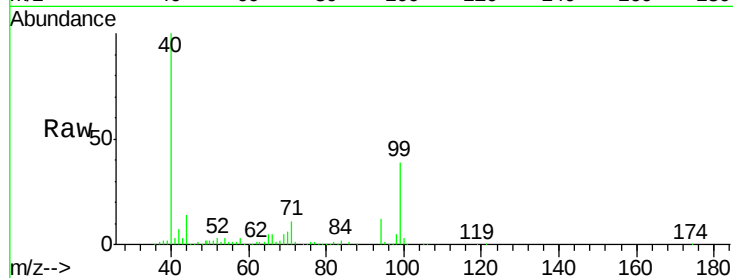
Tgt Ion: 94 Resp: 24873

Ion Ratio Lower Upper

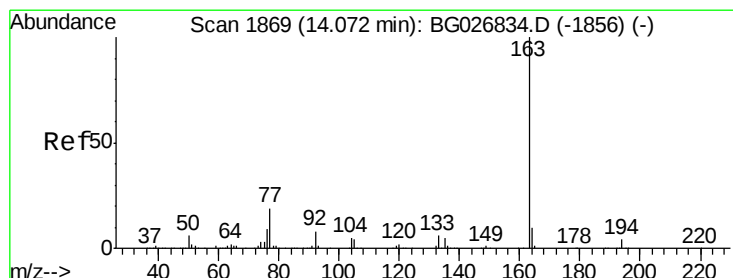
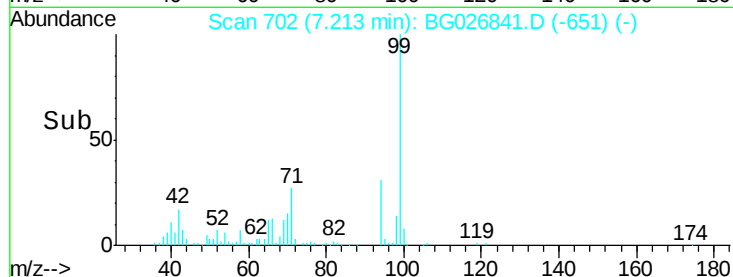
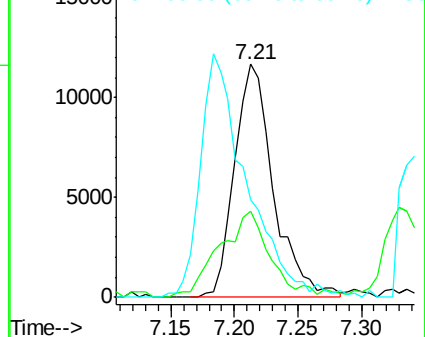
94 100

65 37.2 26.8 40.2

66 42.0 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



#44

Dimethylphthalate

Concen: 7.03 ng/ul

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

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Acq: 2 May 2017 13:32

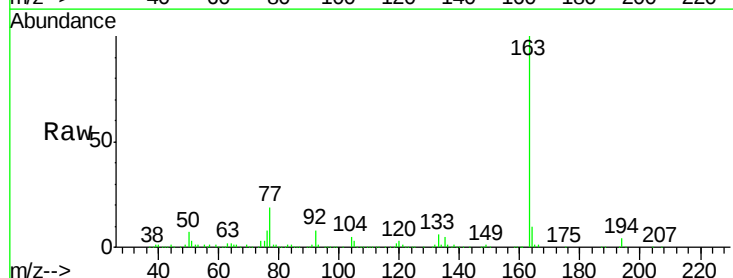
Tgt Ion: 163 Resp: 269561

Ion Ratio Lower Upper

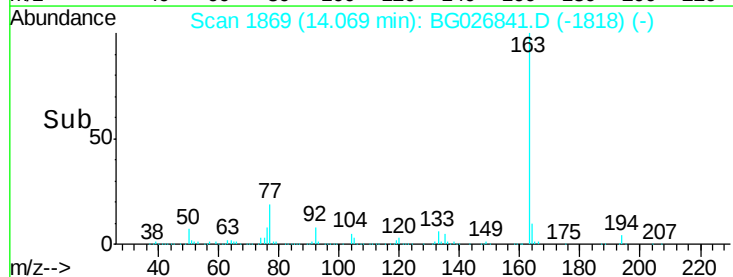
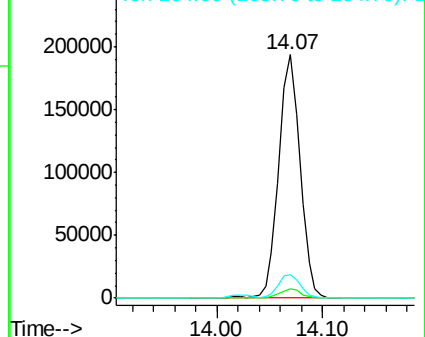
163 100

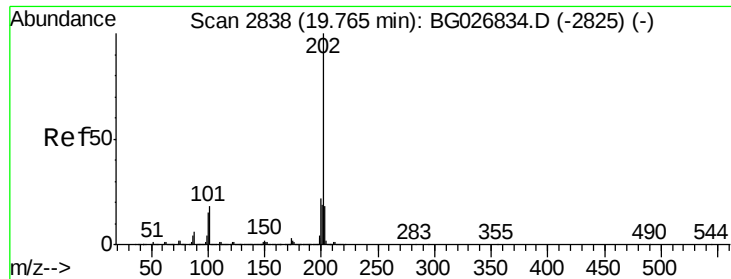
194 3.6 3.4 5.0

164 9.9 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

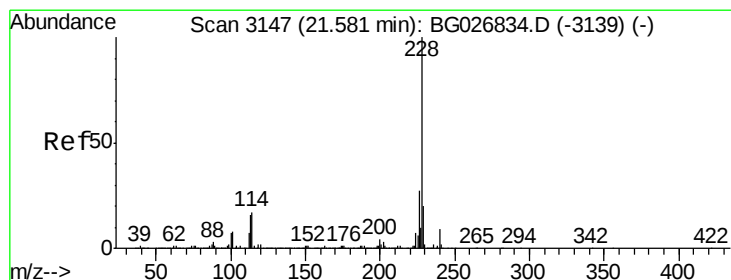
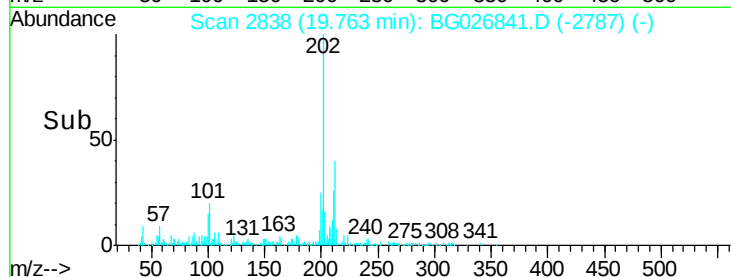
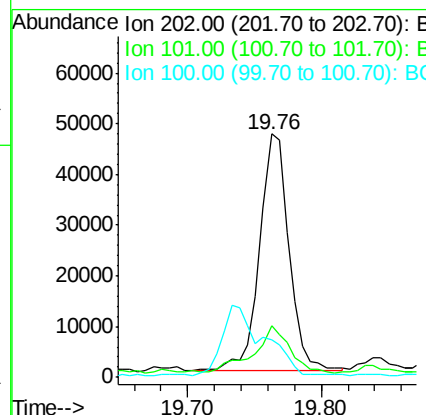
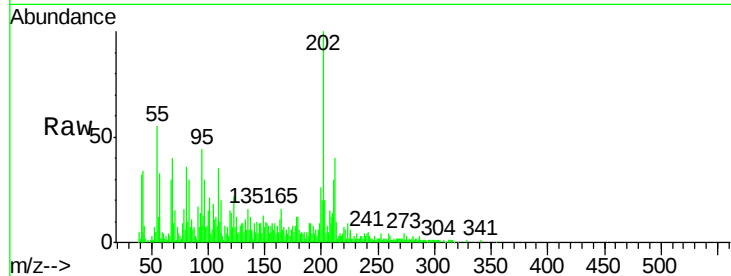




#77
 Pyrene
 Concen: 1.30 ng/ul
 RT: 19.76 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: BG026841.D
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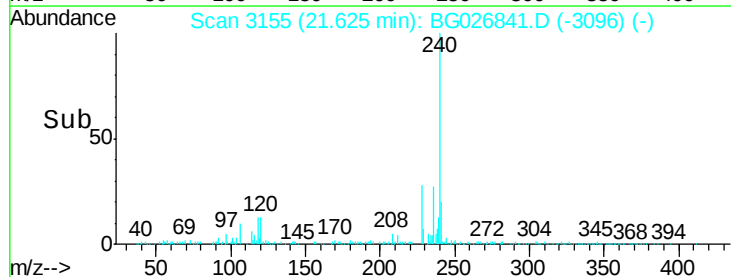
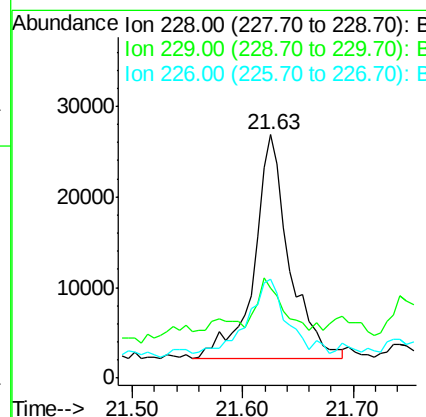
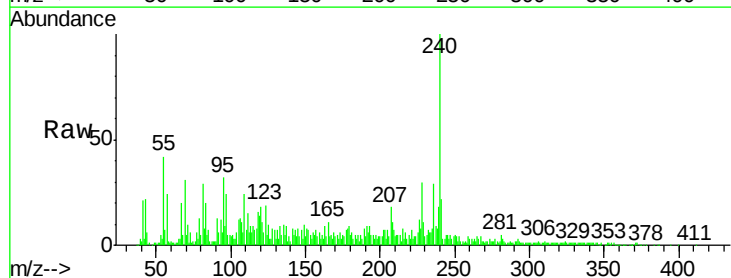
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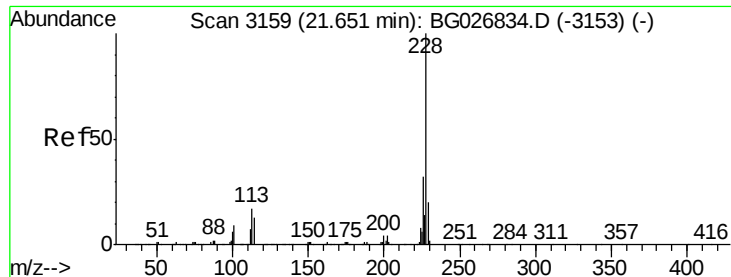
Tgt Ion:202 Resp: 70678
 Ion Ratio Lower Upper
 202 100
 101 21.0 6.9 10.3#
 100 15.3 6.6 10.0#



#80
 Benzo(a)anthracene
 Concen: 1.14 ng/ul
 RT: 21.63 min Scan# 3155
 Delta R.T. 0.04 min
 Lab File: BG026841.D
 Acq: 2 May 2017 13:32

Tgt Ion:228 Resp: 54440
 Ion Ratio Lower Upper
 228 100
 229 36.9 16.3 24.5#
 226 40.7 21.9 32.9#





#82

Chrysene

Concen: 1.23 ng/ul

RT: 21.63 min Scan# 3155

Delta R.T. -0.03 min

Lab File: BG026841.D

Acq: 2 May 2017 13:32

Instrument :

BNA_G

ClientSampleId :

JHTA4

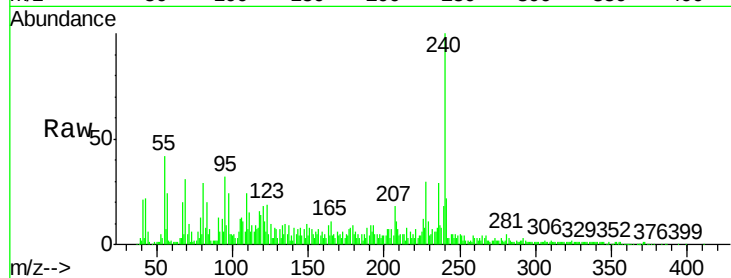
Tgt Ion:228 Resp: 54440

Ion Ratio Lower Upper

228 100

226 40.7 24.0 36.0#

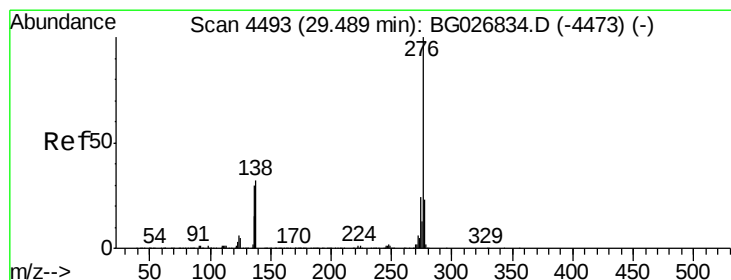
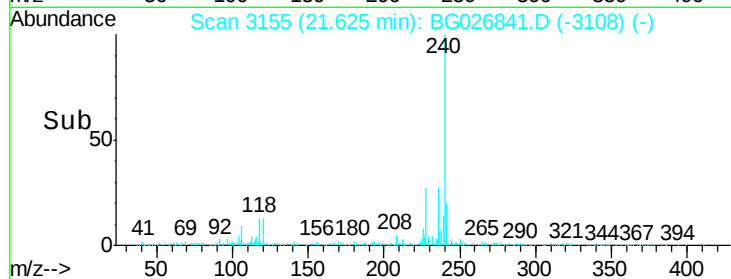
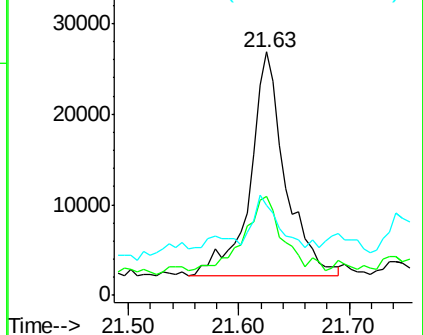
229 36.9 16.9 25.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.37 ng/ul

RT: 29.55 min Scan# 4504

Delta R.T. 0.06 min

Lab File: BG026841.D

Acq: 2 May 2017 13:32

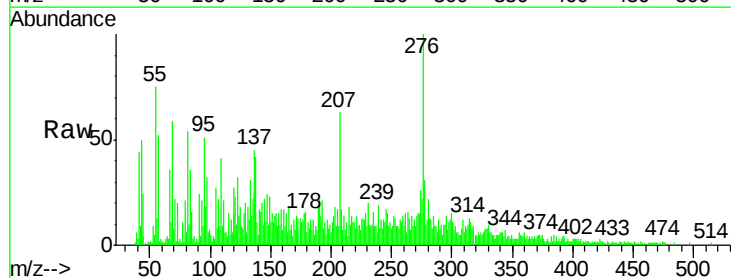
Tgt Ion:276 Resp: 111136

Ion Ratio Lower Upper

276 100

138 41.9 8.6 12.8#

277 31.1 17.6 26.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

