

Data File : BG026880.D
Acq On : 6 May 2017 13:29
Operator : SJ/MA
Sample : I2842-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC35

Quant Time: May 08 01:29:31 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 08 01:28:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	178114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	861286	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	453603	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	841700	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	767470	20.00	ng/ul	0.00
83) Perylene-d12	24.77	264	800053	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	15453	3.91	ng/uL	0.00
5) Phenol-d5	7.18	99	360362	22.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	1165	0.12	ng/ul	0.13
9) 2-Chlorophenol-d4	7.55	132	293470	21.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	298810	22.65	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	149982	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	164034	20.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	265344	21.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	848	0.05	ng/ul	0.16
43) Dimethylphthalate-d6	14.02	166	815748	22.34	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1049722	22.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	121753	18.50	ng/ul	0.00
57) Fluorene-d10	15.61	176	691227	21.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	80100	15.67	ng/ul	0.00
70) Anthracene-d10	17.45	188	946952	23.18	ng/ul	0.00
76) Pyrene-d10	19.73	212	941584	23.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	888229	23.48	ng/ul	0.00

Target Compounds				Qvalue		
6) Phenol	7.21	94	29536	1.83	ng/ul#	83
44) Dimethylphthalate	14.07	163	311635	8.72	ng/ul	95
74) Fluoranthene	19.40	202	59778	1.36	ng/ul#	80
81) Bis(2-ethylhexyl)phthalate	21.48	149	57174	1.68	ng/ul#	98
85) Benzo(b)fluoranthene	23.76	252	48208	1.05	ng/ul#	88
86) Benzo(k)fluoranthene	23.76	252	48208	1.07	ng/ul#	90

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

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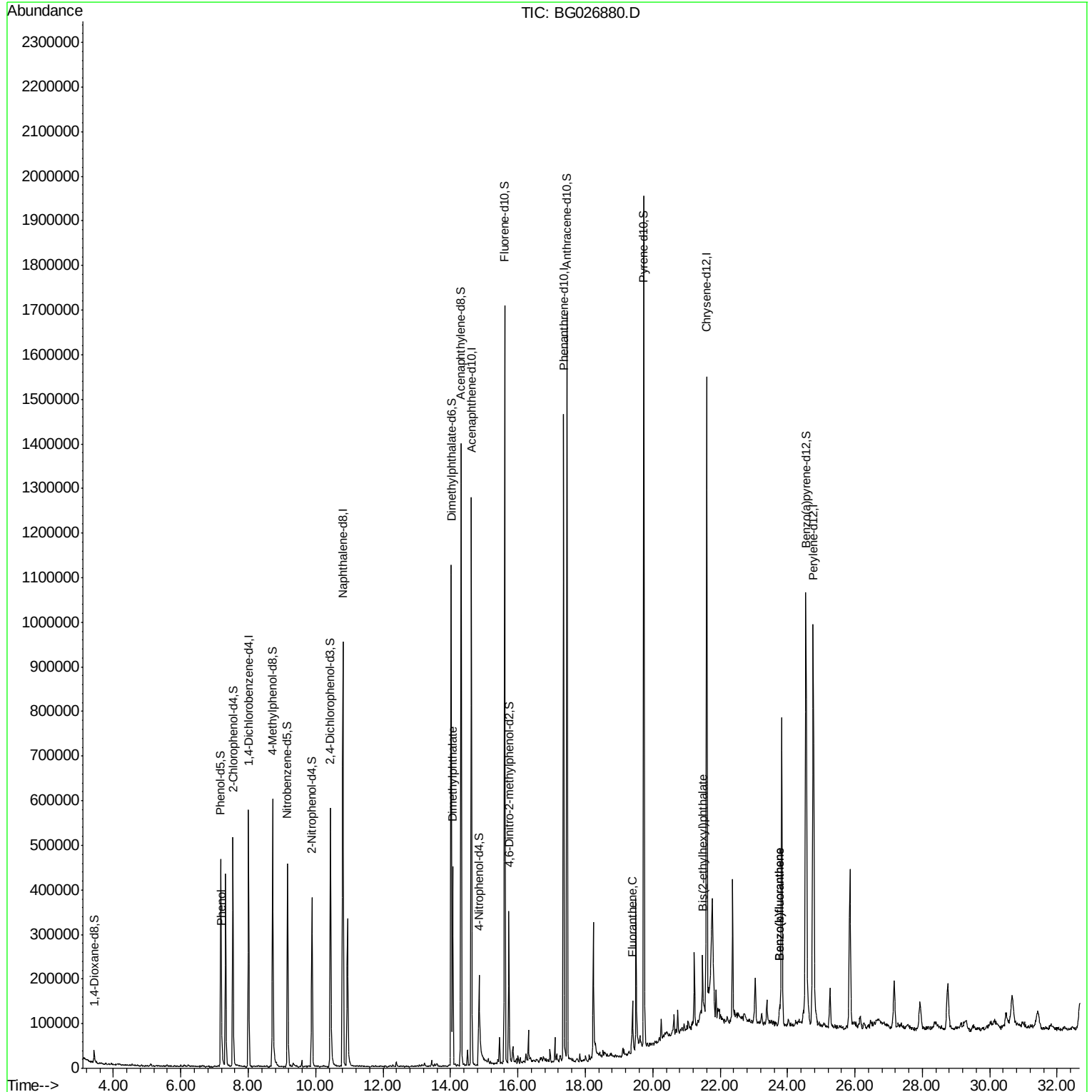
Quant Time: May 08 01:29:31 2017

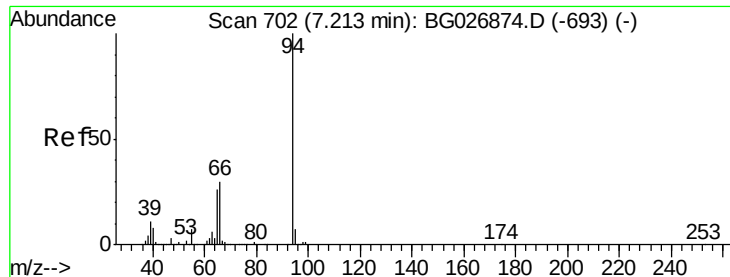
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 08 01:28:58 2017

Response via : Initial Calibration





#6

Phenol

Concen: 1.83 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

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Acq: 6 May 2017 13:29

Instrument :

BNA_G

ClientSampleId :

BDC35

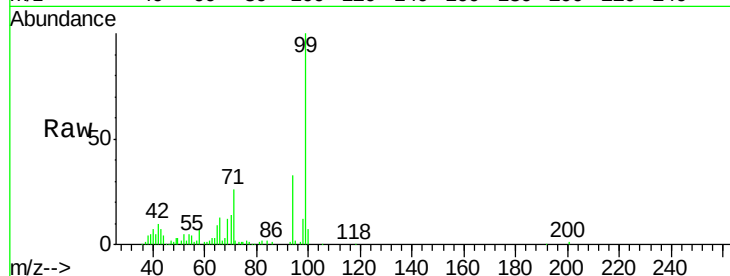
Tgt Ion: 94 Resp: 29536

Ion Ratio Lower Upper

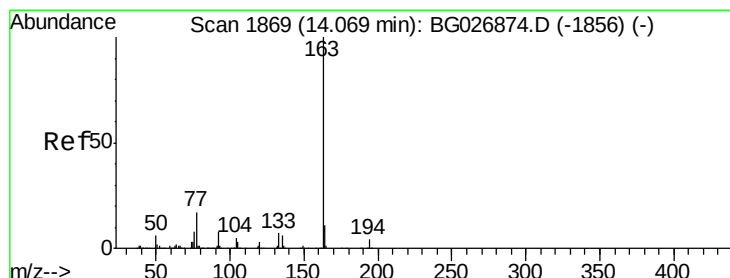
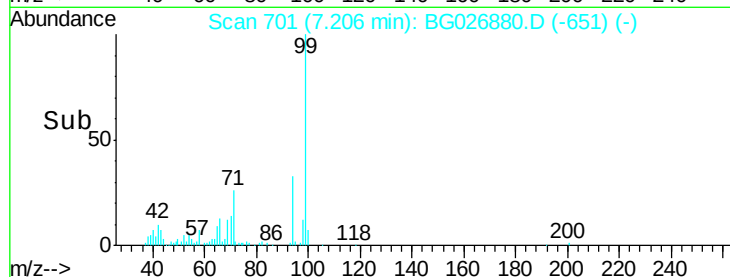
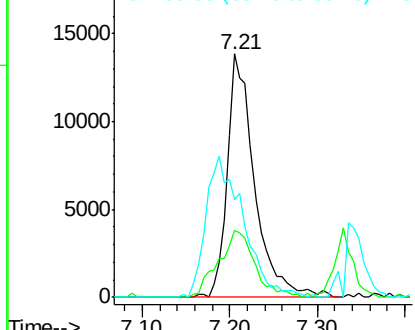
94 100

65 27.7 26.8 40.2

66 40.4 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: 8.72 ng/ul

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG026880.D

Acq: 6 May 2017 13:29

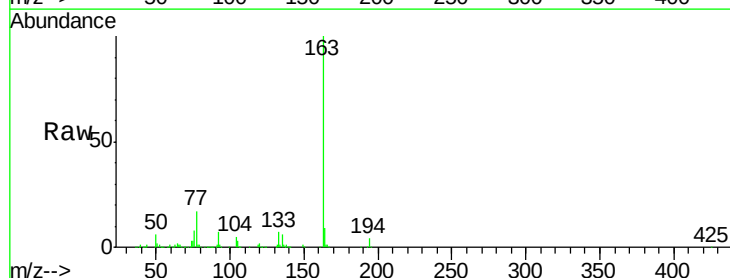
Tgt Ion: 163 Resp: 311635

Ion Ratio Lower Upper

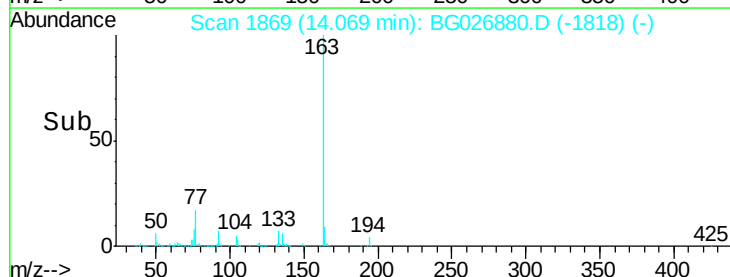
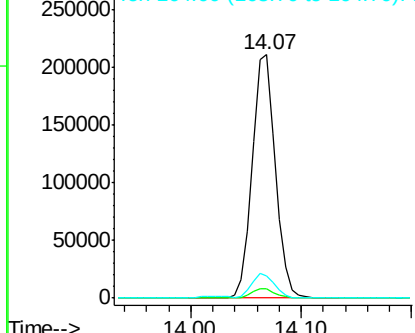
163 100

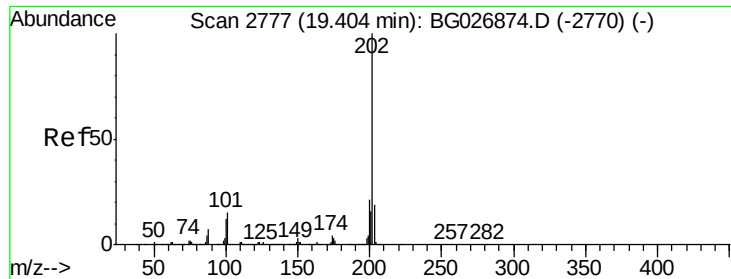
194 3.8 3.4 5.0

164 9.0 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

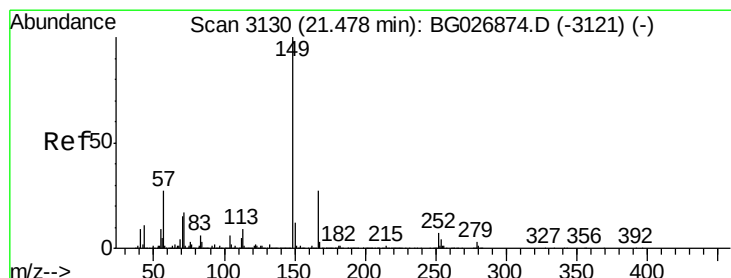
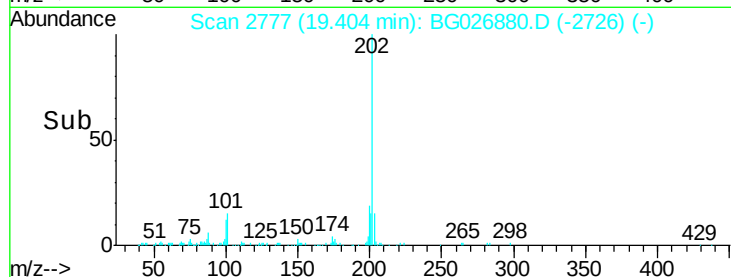
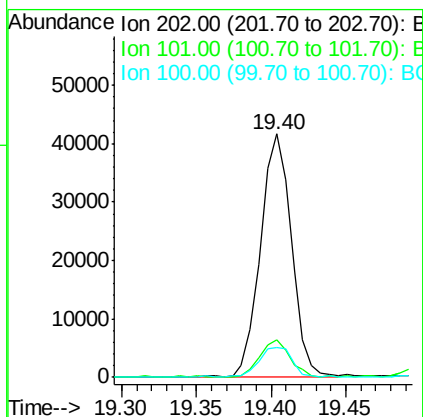
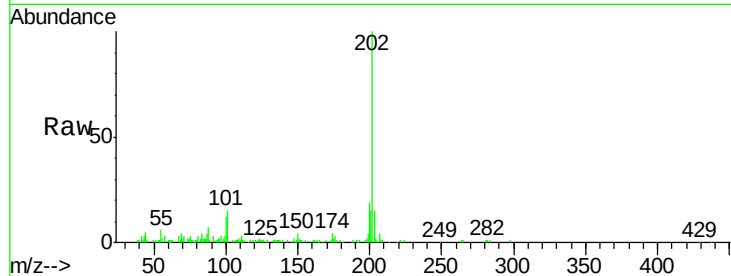




#74
 Fluoranthene
 Concen: 1.36 ng/ul
 RT: 19.40 min Scan# 2777
 Delta R.T. -0.00 min
 Lab File: BG026880.D
 Acq: 6 May 2017 13:29

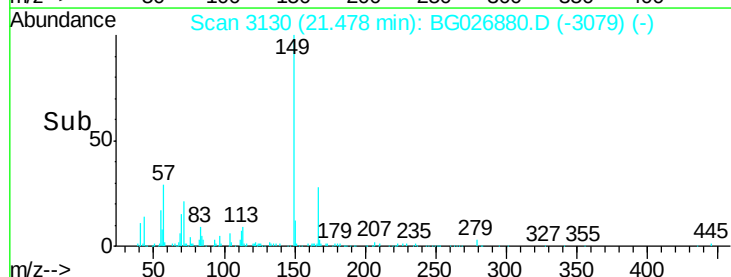
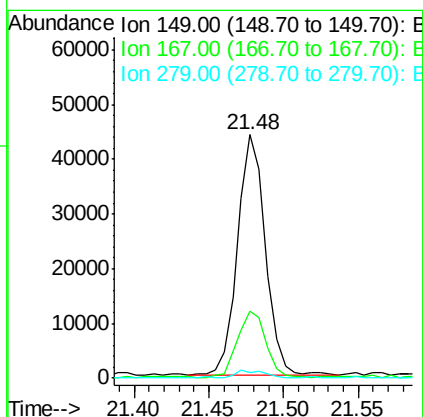
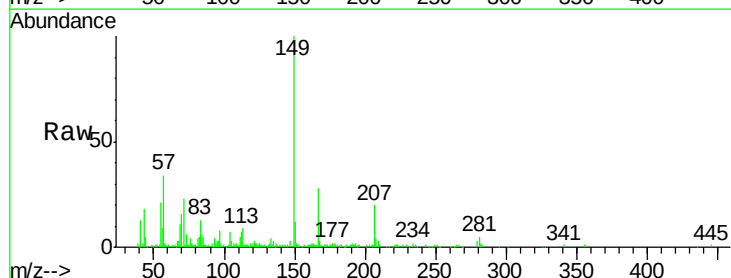
Instrument :
 BNA_G
 ClientSampled :
 BDC35

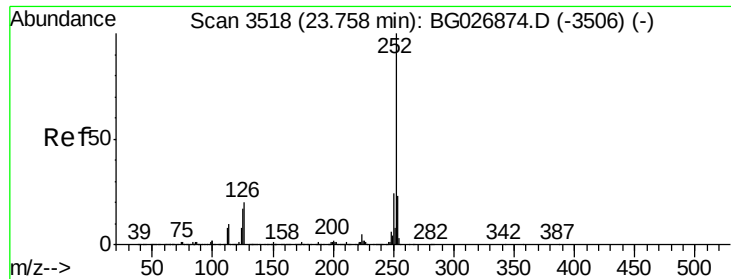
Tgt Ion:202 Resp: 59778
 Ion Ratio Lower Upper
 202 100
 101 15.4 6.2 9.2#
 100 12.2 5.2 7.8#



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.68 ng/ul
 RT: 21.48 min Scan# 3130
 Delta R.T. -0.00 min
 Lab File: BG026880.D
 Acq: 6 May 2017 13:29

Tgt Ion:149 Resp: 57174
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.8 32.8
 279 2.5 4.5 6.7#





#85

Benzo(b)fluoranthene

Concen: 1.05 ng/ul

RT: 23.76 min Scan# 3519

Delta R.T. 0.01 min

Lab File: BG026880.D

Acq: 6 May 2017 13:29

Instrument :

BNA_G

ClientSampleId :

BDC35

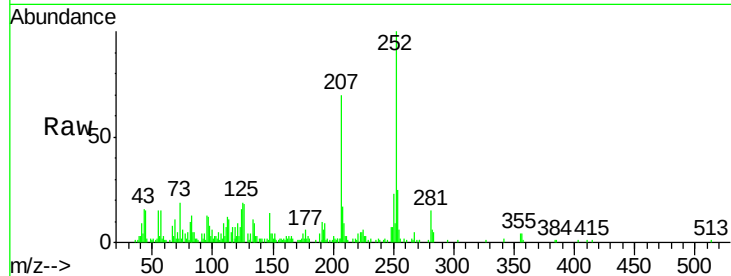
Tgt Ion:252 Resp: 48208

Ion Ratio Lower Upper

252 100

253 24.9 17.7 26.5

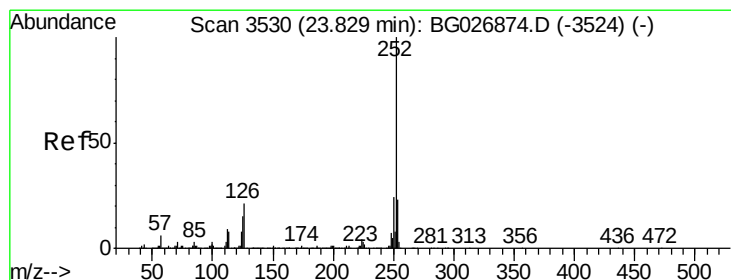
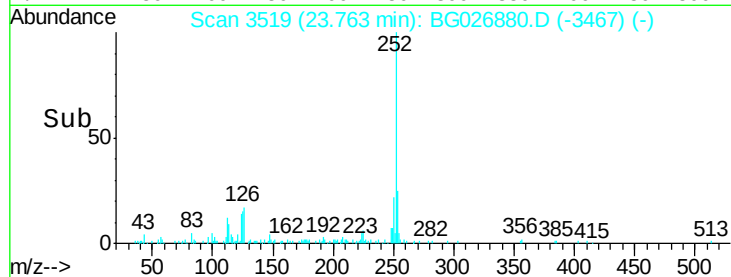
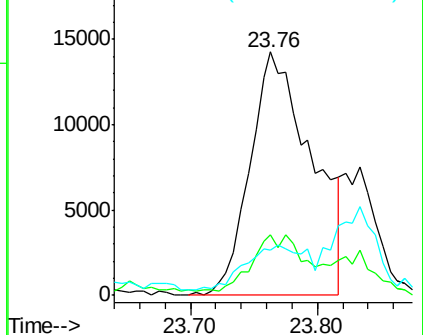
125 18.6 4.0 6.0#



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



#86

Benzo(k)fluoranthene

Concen: 1.07 ng/ul

RT: 23.76 min Scan# 3519

Delta R.T. -0.07 min

Lab File: BG026880.D

Acq: 6 May 2017 13:29

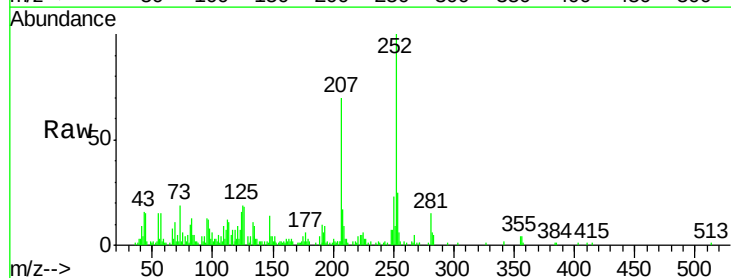
Tgt Ion:252 Resp: 48208

Ion Ratio Lower Upper

252 100

253 24.9 18.5 27.7

125 18.6 4.1 6.1#



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

