

Data File : BG026844.D
Acq On : 2 May 2017 15:30
Operator : SJ/MA
Sample : I2850-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSW8

Quant Time: May 03 01:00:07 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	240137	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	1191486	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.63	164	629251	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	1126218	20.00	ng/ul	0.00
75) Chrysene-d12	21.61	240	1009491	20.00	ng/ul	0.00
83) Perylene-d12	24.80	264	1032702	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	24098	4.52	ng/uL	0.00
5) Phenol-d5	7.19	99	607482	28.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	367985	29.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	486600	26.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	495009	27.83	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	257590	25.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	283338	26.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	459424	26.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	474189	20.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.03	166	1385054	27.35	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1838030	28.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	255122	27.95	ng/ul	0.00
57) Fluorene-d10	15.61	176	1180837	26.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	164582	24.07	ng/ul	0.00
70) Anthracene-d10	17.46	188	1643305	30.07	ng/ul	0.00
76) Pyrene-d10	19.74	212	1570939	29.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.58	264	1470426	30.12	ng/ul	0.04

Target Compounds

					Qvalue
6) Phenol	7.21	94	24461	1.13 ng/ul	94
44) Dimethylphthalate	14.07	163	335073	6.76 ng/ul	98
69) Phenanthrene	17.40	178	89425	1.41 ng/ul	97
71) Anthracene	17.40	178	89425	1.37 ng/ul	97
73) Di-n-butylphthalate	18.31	149	83511	1.17 ng/ul#	91
74) Fluoranthene	19.41	202	298107	5.06 ng/ul#	83
77) Pyrene	19.77	202	352417	5.20 ng/ul#	73
78) Butylbenzylphthalate	20.64	149	105724	3.36 ng/ul#	92
80) Benzo(a)anthracene	21.59	228	182001	3.08 ng/ul#	90
82) Chrysene	21.66	228	205634	3.75 ng/ul#	92
85) Benzo(b)fluoranthene	23.78	252	322173	5.46 ng/ul#	67
88) Benzo(a)pyrene	24.64	252	249726	4.30 ng/ul#	68
89) Indeno(1,2,3-cd)pyrene	28.41	276	221305	3.21 ng/ul#	71
91) Benzo(g,h,i)perylene	29.55	276	249525	4.37 ng/ul#	75

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

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JHSW8

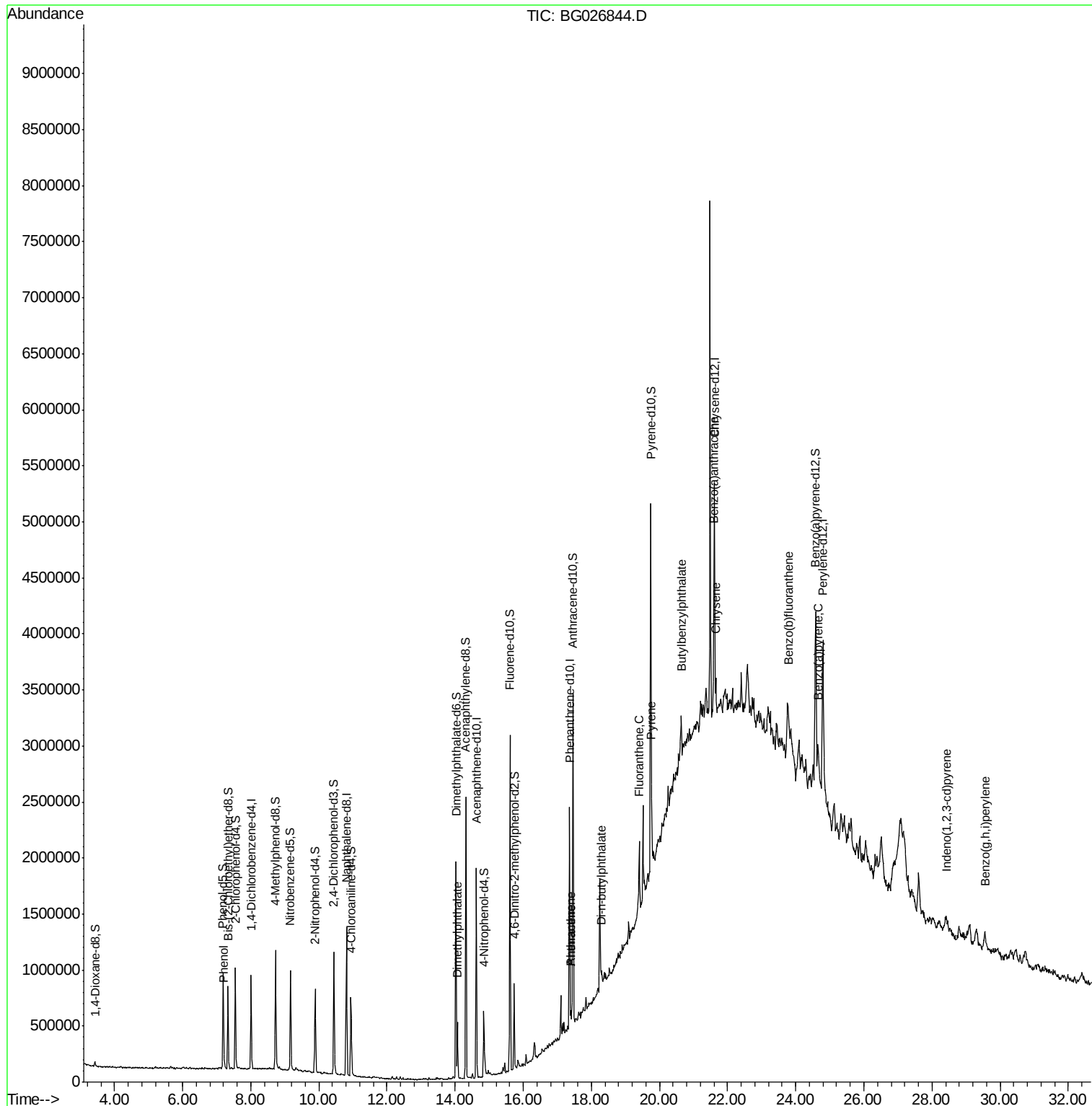
Quant Time: May 03 01:00:07 2017

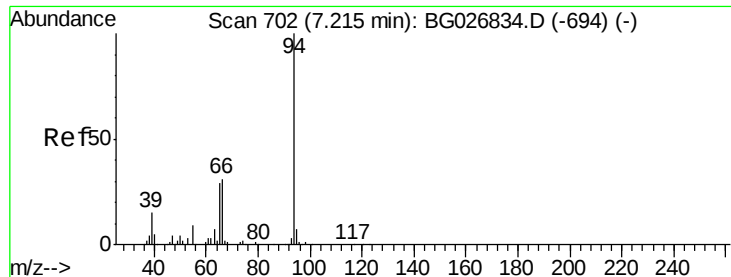
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration





#6

Phenol

Concen: 1.13 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG026844.D

Acq: 2 May 2017 15:30

Instrument :

BNA_G

ClientSampleId :

JHSW8

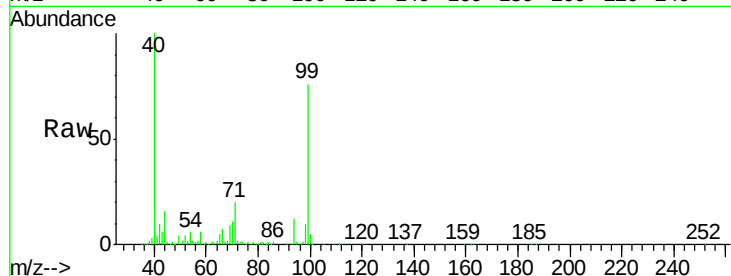
Tgt Ion: 94 Resp: 24461

Ion Ratio Lower Upper

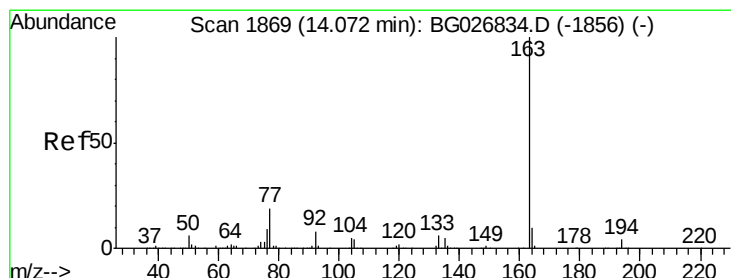
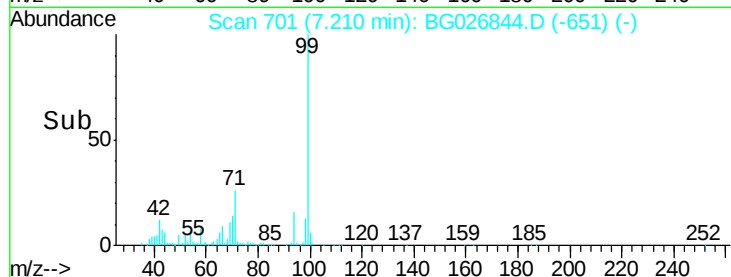
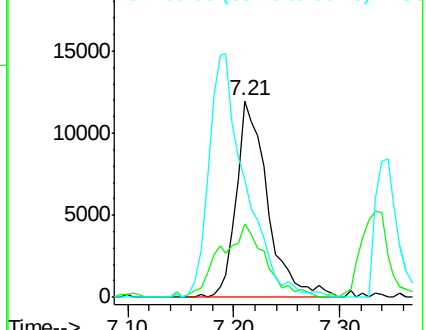
94 100

65 37.2 26.8 40.2

66 59.9 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: 6.76 ng/ul

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG026844.D

Acq: 2 May 2017 15:30

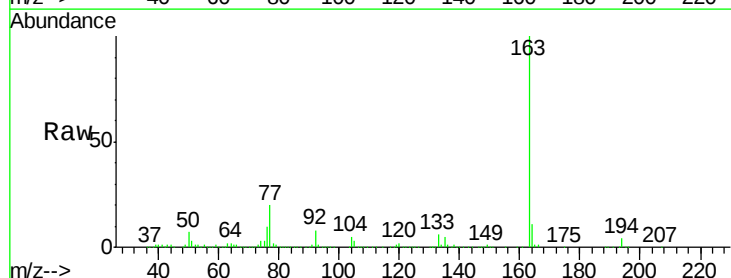
Tgt Ion: 163 Resp: 335073

Ion Ratio Lower Upper

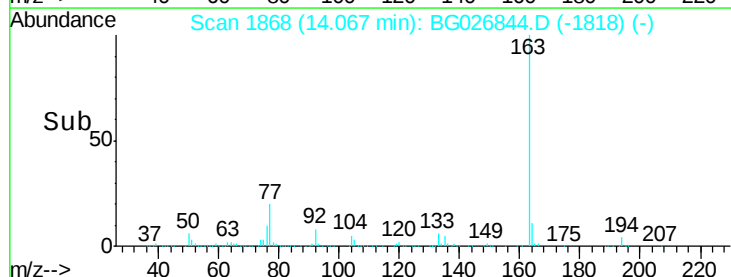
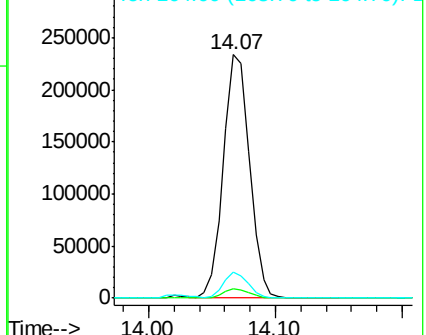
163 100

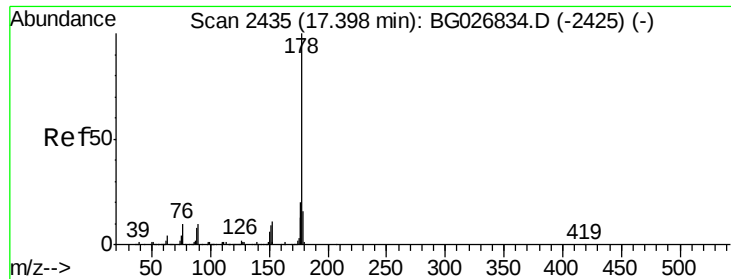
194 3.6 3.4 5.0

164 10.6 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





#69

Phenanthrene

Concen: 1.41 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG026844.D

Acq: 2 May 2017 15:30

Instrument :

BNA_G

ClientSampleId :

JHSW8

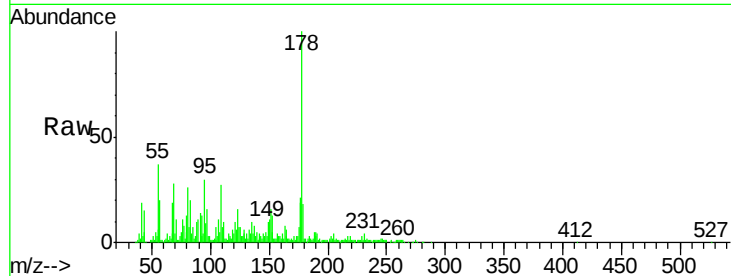
Tgt Ion:178 Resp: 89425

Ion Ratio Lower Upper

178 100

179 17.7 12.4 18.6

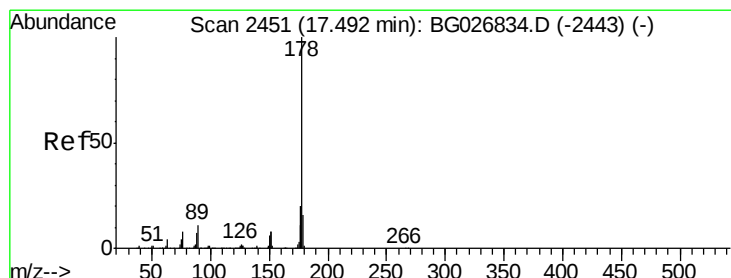
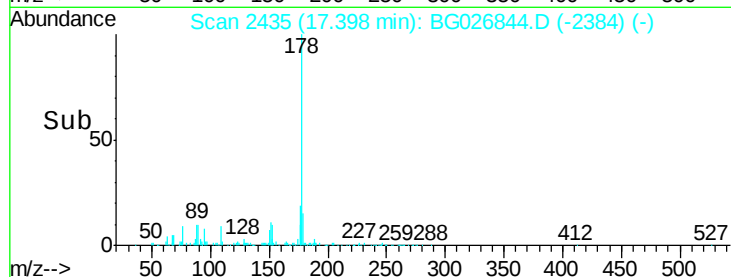
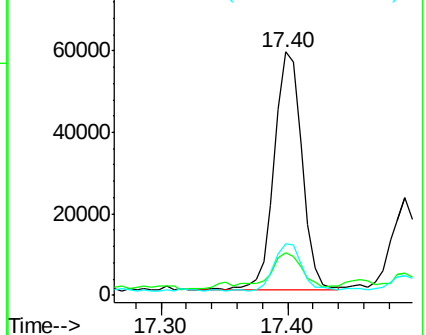
176 21.0 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.37 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. -0.09 min

Lab File: BG026844.D

Acq: 2 May 2017 15:30

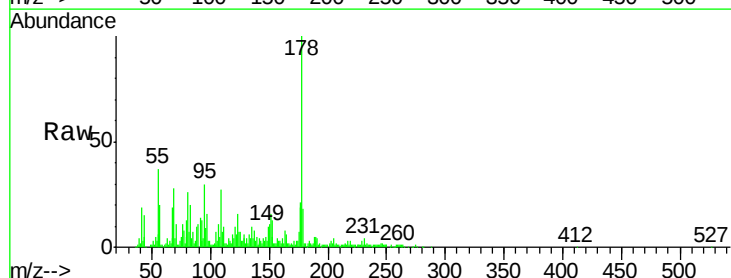
Tgt Ion:178 Resp: 89425

Ion Ratio Lower Upper

178 100

179 17.7 12.6 19.0

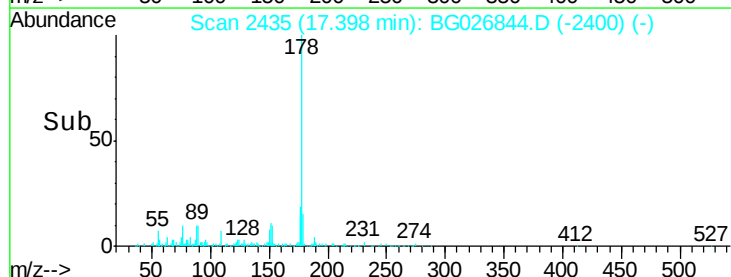
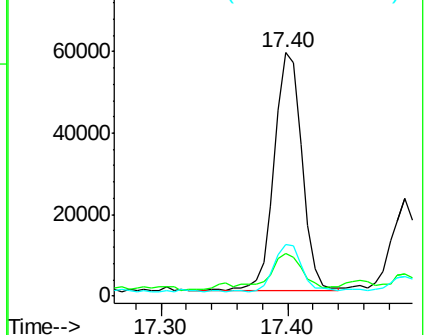
176 21.0 15.9 23.9

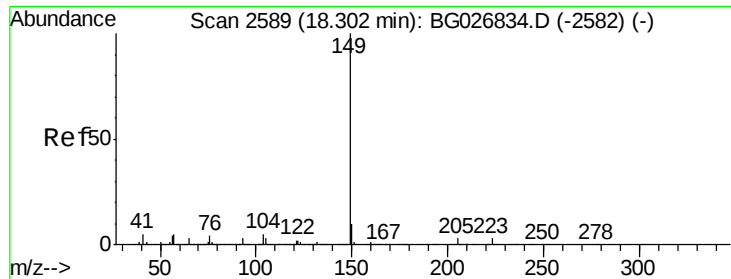


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

Di-n-butylphthalate

Concen: 1.17 ng/ul

RT: 18.31 min Scan# 2590

Delta R.T. 0.01 min

Lab File: BG026844.D

Acq: 2 May 2017 15:30

Instrument :

BNA_G

ClientSampleId :

JHSW8

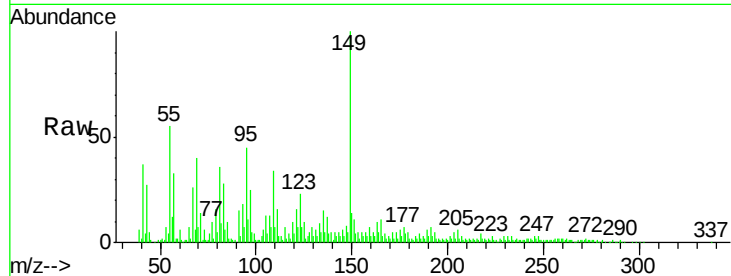
Tgt Ion:149 Resp: 83511

Ion Ratio Lower Upper

149 100

150 14.5 7.9 11.9#

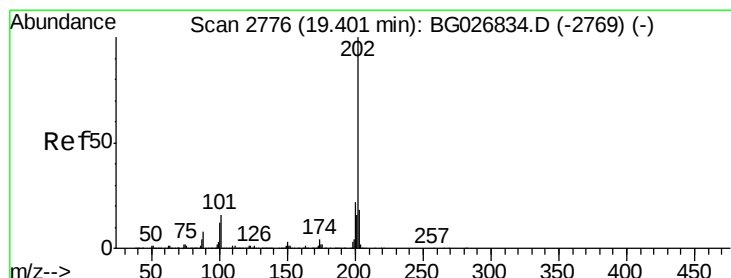
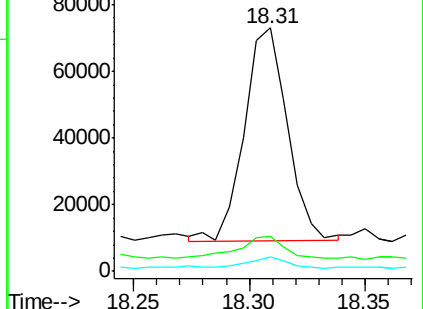
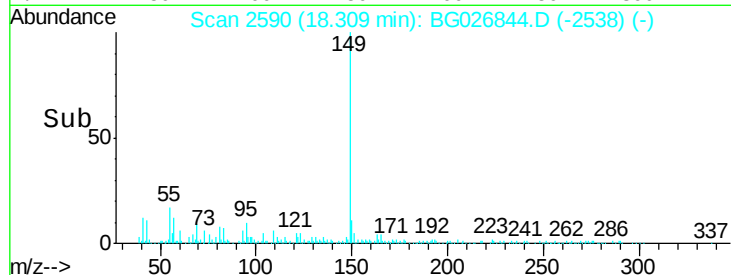
104 5.7 5.8 8.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 5.06 ng/ul

RT: 19.41 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BG026844.D

Acq: 2 May 2017 15:30

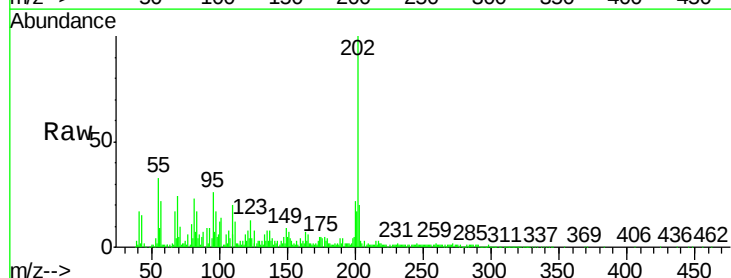
Tgt Ion:202 Resp: 298107

Ion Ratio Lower Upper

202 100

101 14.5 6.2 9.2#

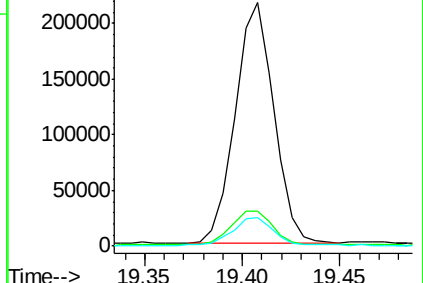
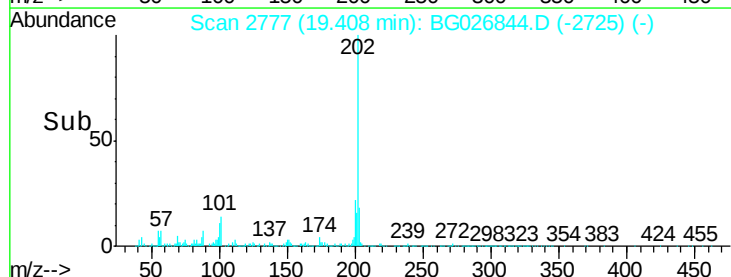
100 11.5 5.2 7.8#

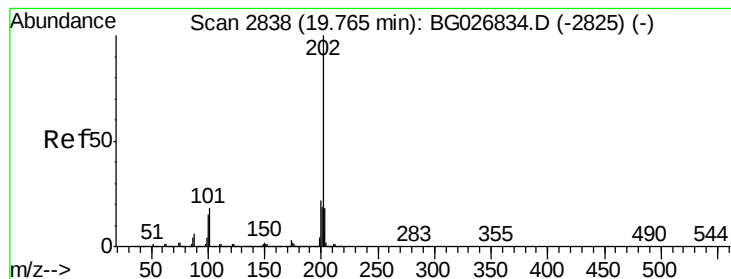


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 5.20 ng/ul

RT: 19.77 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG026844.D

Acq: 2 May 2017 15:30

Instrument :

BNA_G

ClientSampleId :

JHSW8

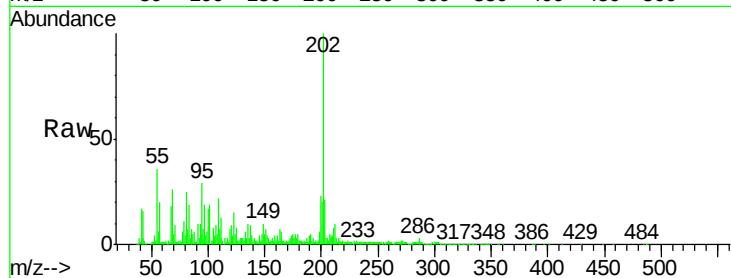
Tgt Ion: 202 Resp: 352417

Ion Ratio Lower Upper

202 100

101 19.2 6.9 10.3#

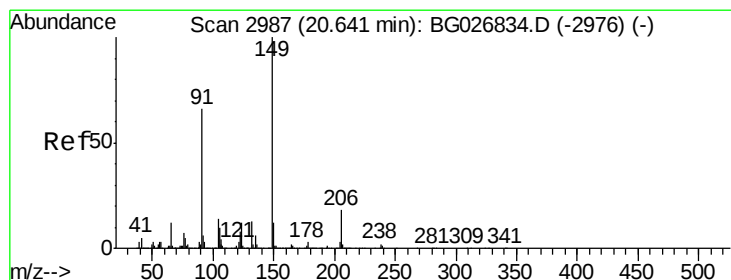
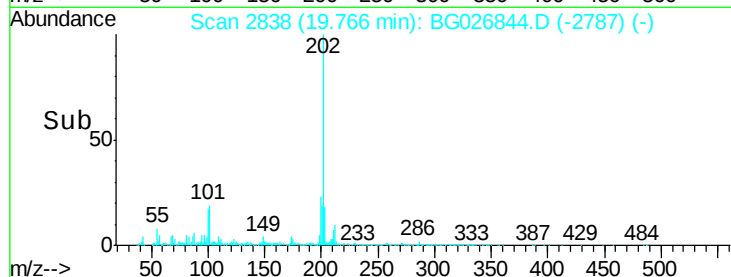
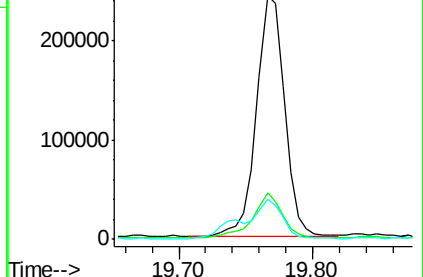
100 16.6 6.6 10.0#



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): E



#78

Butylbenzylphthalate

Concen: 3.36 ng/ul

RT: 20.64 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BG026844.D

Acq: 2 May 2017 15:30

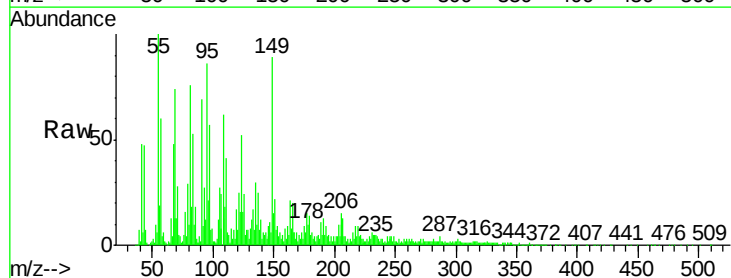
Tgt Ion: 149 Resp: 105724

Ion Ratio Lower Upper

149 100

91 77.4 65.8 98.6

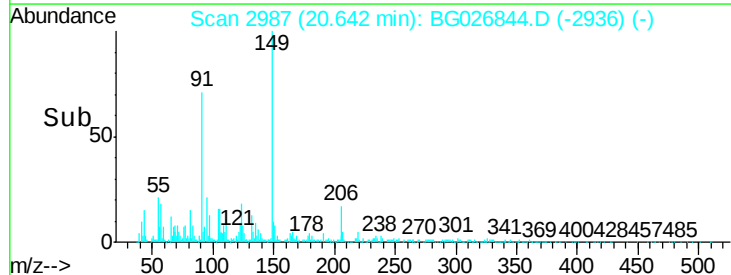
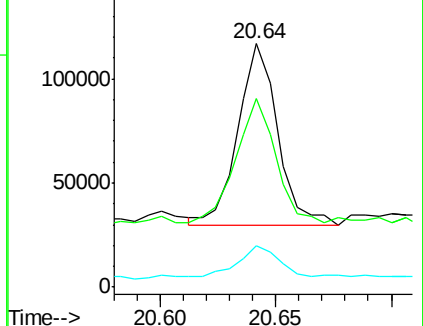
206 16.8 20.1 30.1#

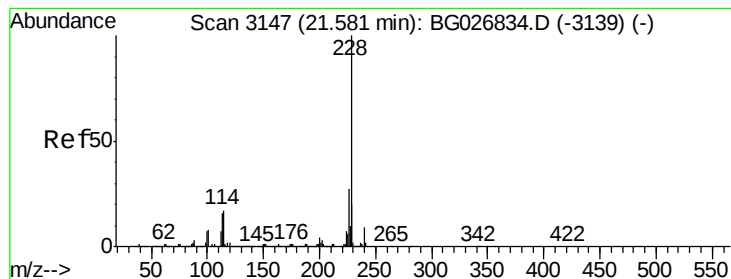


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 3.08 ng/ul

RT: 21.59 min Scan# 3149

Delta R.T. 0.01 min

Lab File: BG026844.D

Acq: 2 May 2017 15:30

Instrument :

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ClientSampleId :

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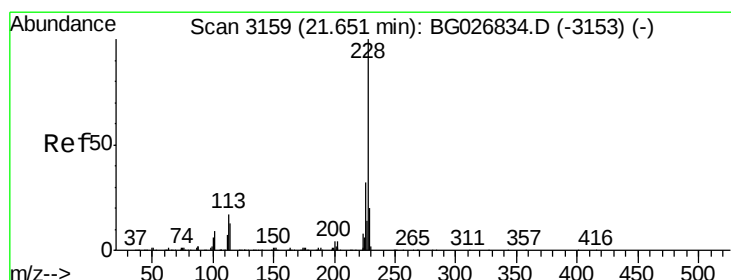
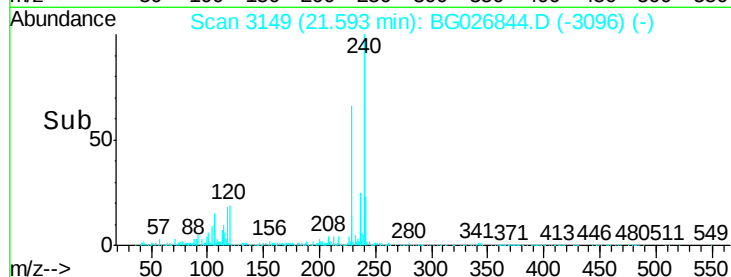
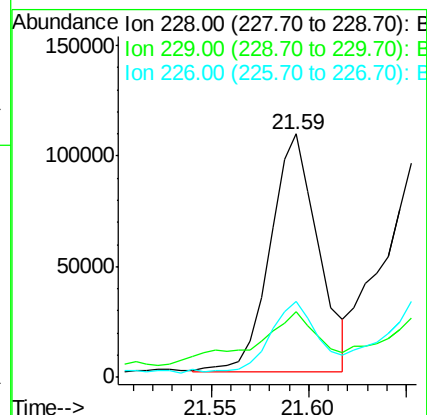
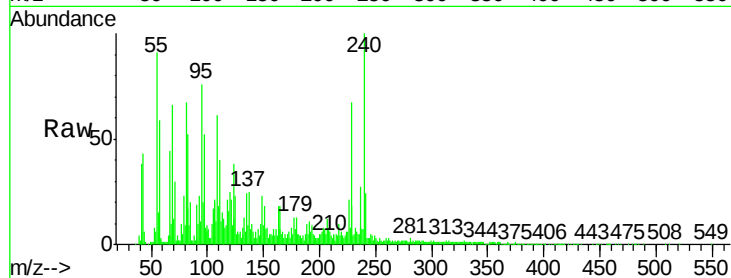
Tgt Ion:228 Resp: 182001

Ion Ratio Lower Upper

228 100

229 27.0 16.3 24.5#

226 31.0 21.9 32.9



#82

Chrysene

Concen: 3.75 ng/ul

RT: 21.66 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BG026844.D

Acq: 2 May 2017 15:30

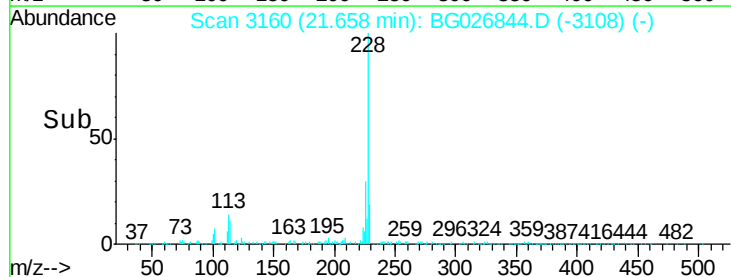
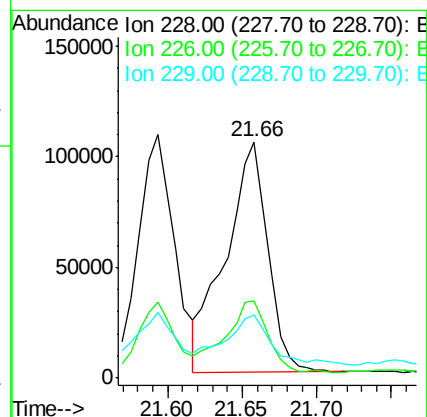
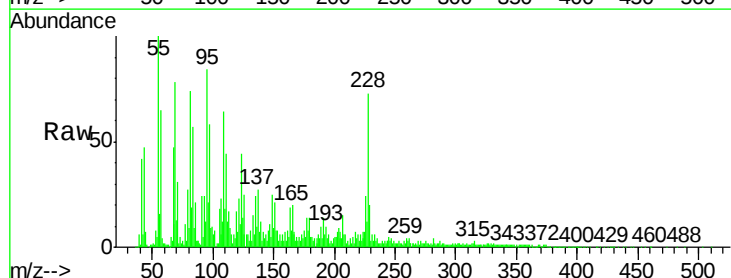
Tgt Ion:228 Resp: 205634

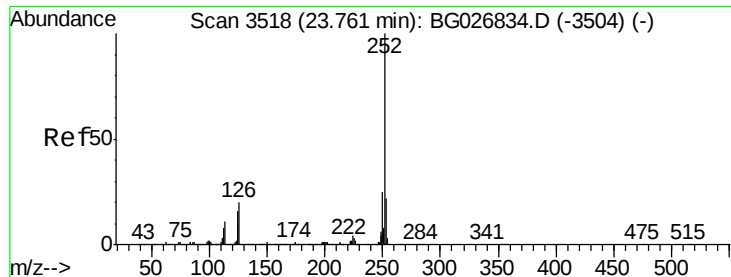
Ion Ratio Lower Upper

228 100

226 32.9 24.0 36.0

229 27.0 16.9 25.3#





#85

Benzo(b)fluoranthene

Concen: 5.46 ng/ul

RT: 23.78 min Scan# 3522

Delta R.T. 0.02 min

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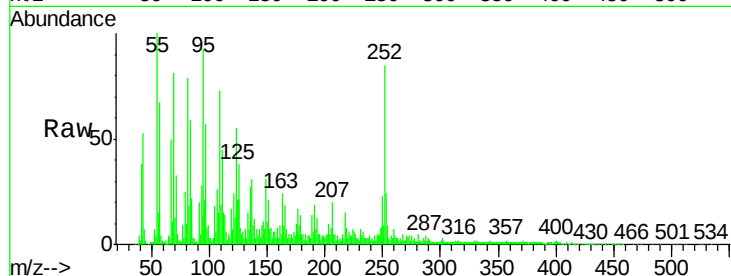
Tgt Ion:252 Resp: 322173

Ion Ratio Lower Upper

252 100

253 28.3 17.7 26.5#

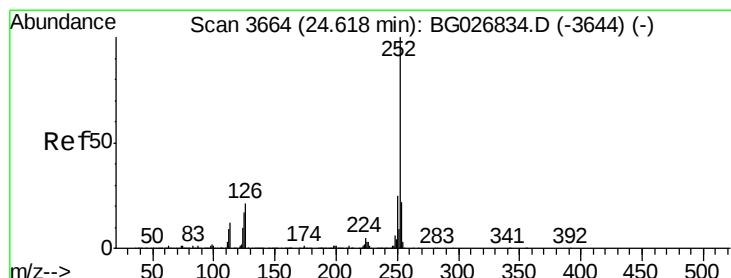
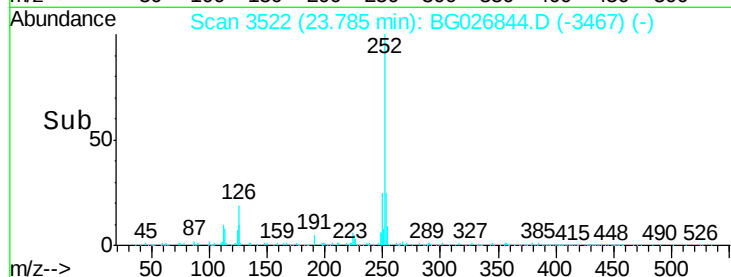
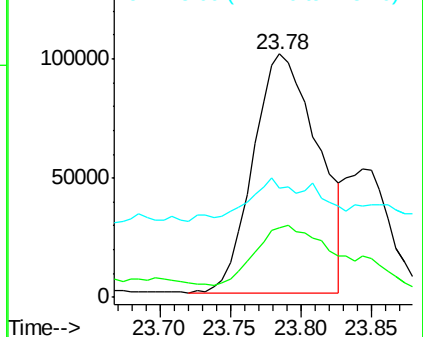
125 44.6 4.0 6.0#



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



#88

Benzo(a)pyrene

Concen: 4.30 ng/ul

RT: 24.64 min Scan# 3668

Delta R.T. 0.02 min

Lab File: BG026844.D

Acq: 2 May 2017 15:30

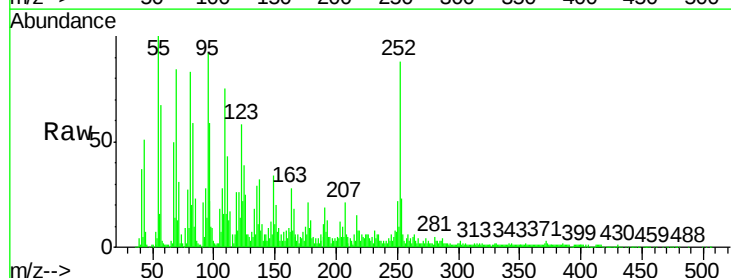
Tgt Ion:252 Resp: 249726

Ion Ratio Lower Upper

252 100

253 26.2 17.8 26.6

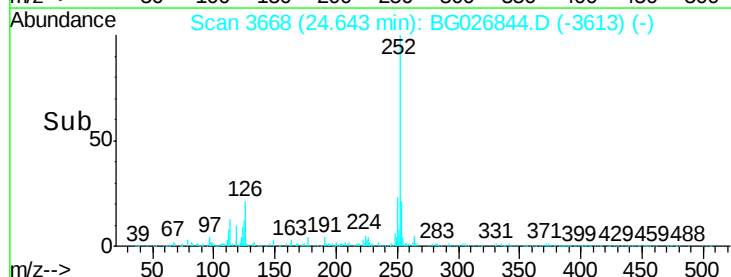
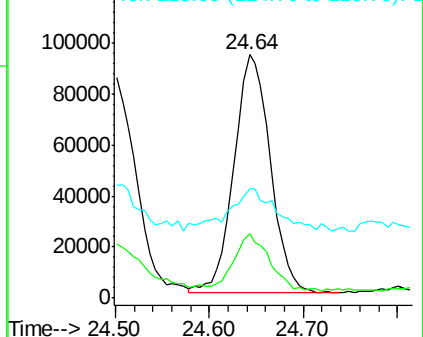
125 45.1 5.4 8.0#

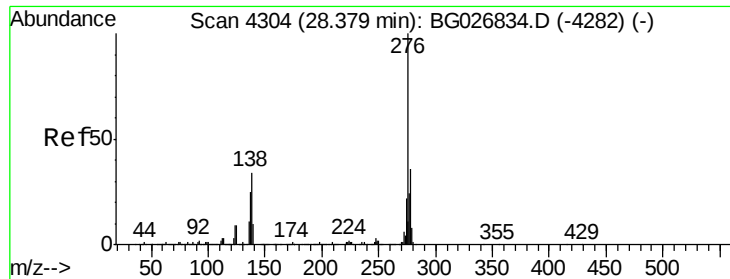


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 3.21 ng/ul

RT: 28.41 min Scan# 4310

Delta R.T. 0.04 min

Lab File: BG026844.D

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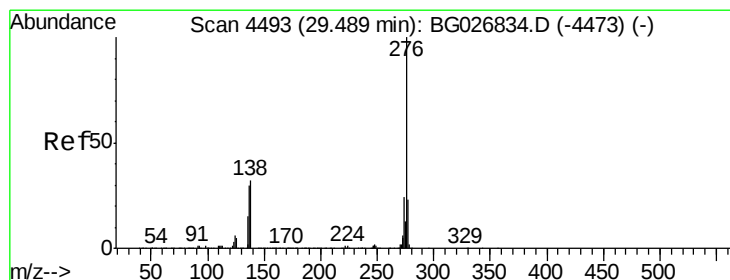
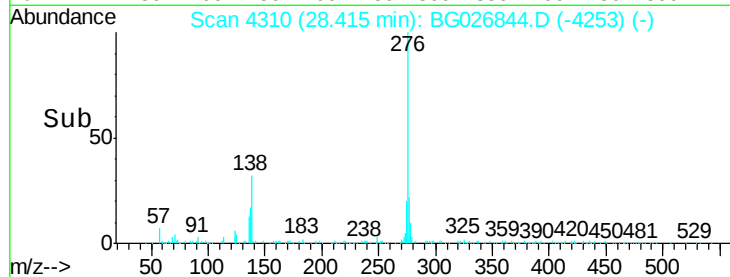
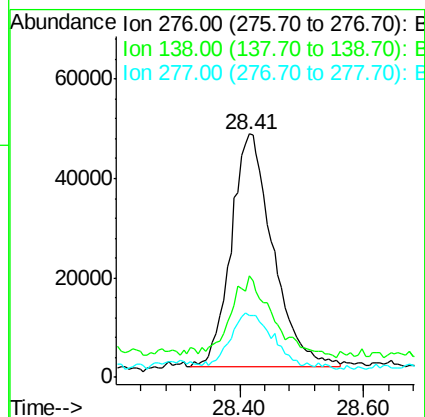
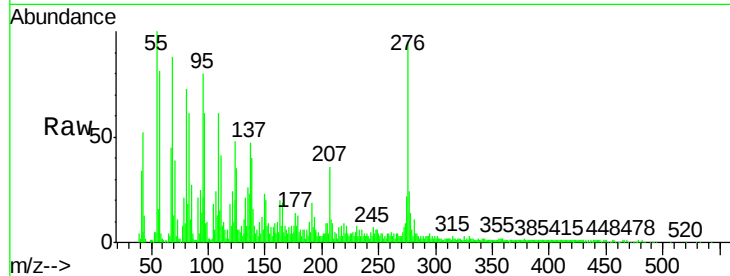
Tgt Ion:276 Resp: 221305

Ion Ratio Lower Upper

276 100

138 41.9 8.2 12.4#

277 25.2 18.6 28.0



#91

Benzo(g,h,i)perylene

Concen: 4.37 ng/ul

RT: 29.55 min Scan# 4504

Delta R.T. 0.07 min

Lab File: BG026844.D

Acq: 2 May 2017 15:30

Tgt Ion:276 Resp: 249525

Ion Ratio Lower Upper

276 100

138 38.1 8.6 12.8#

277 23.0 17.6 26.4

