

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060115\
 Data File : BG017371.D
 Acq On : 1 Jun 2015 14:43
 Operator : TP/IZ
 Sample : G2431-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRF9

Quant Time: Jun 02 05:54:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 02 05:29:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	28625	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	125648	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	81428	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	178294	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	181154	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	186113	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	2343	3.89	ng/uL	0.00
5) Phenol-d5	6.84	99	53140	22.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	33161	22.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	43580	22.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	43134	20.86	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	21604	22.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	25881	22.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	45070	22.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	34569	14.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	124012	21.36	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	168835	22.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	20883	18.86	ng/ul	0.00
57) Fluorene-d10	15.30	176	125998	22.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	21355	17.11	ng/ul	0.00
70) Anthracene-d10	17.15	188	185382	22.19	ng/ul	0.00
76) Pyrene-d10	19.45	212	204064	23.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	181810	21.88	ng/ul	0.00

Target Compounds

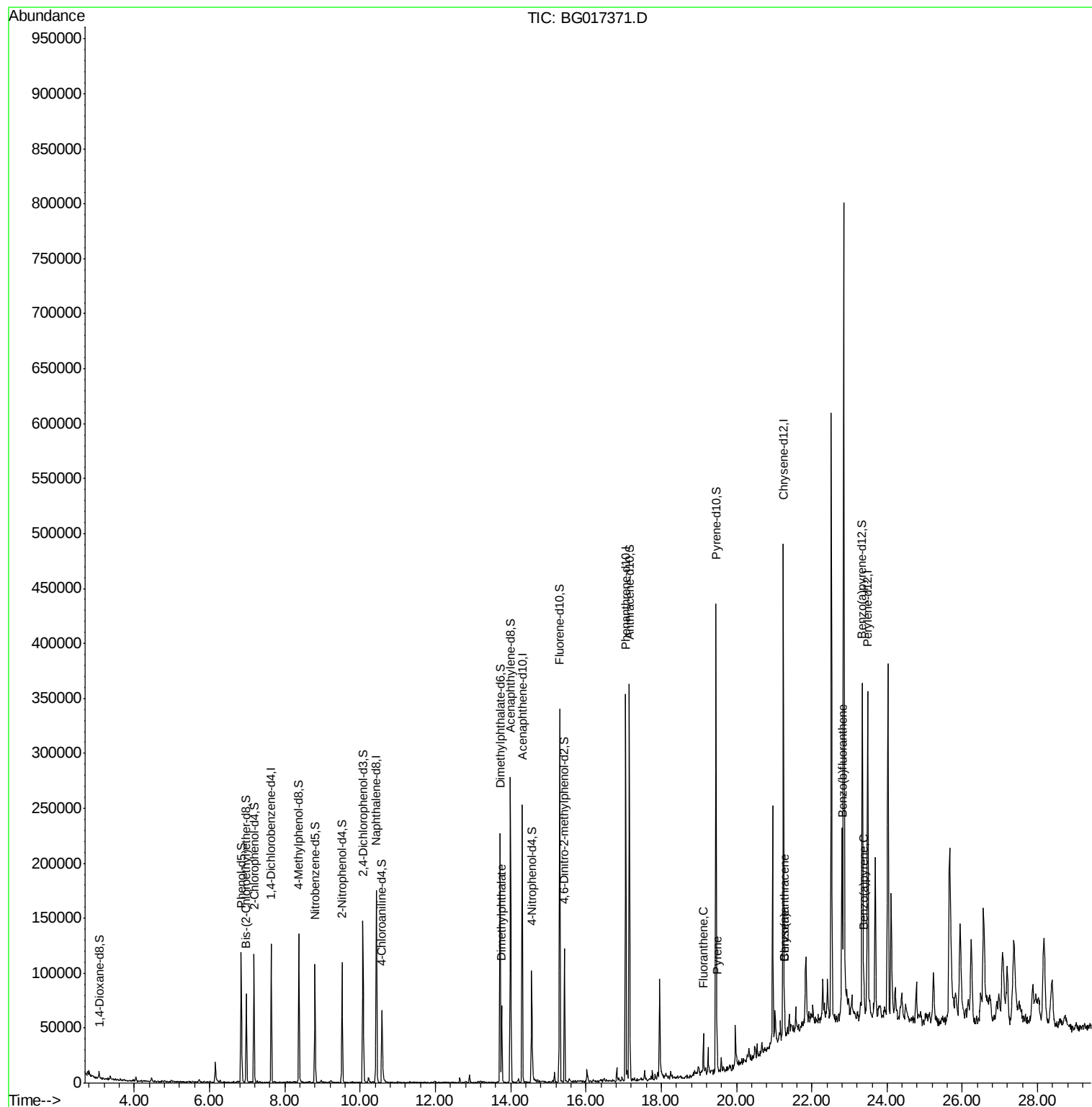
						Qvalue
44) Dimethylphthalate	13.76	163	33707	5.23	ng/ul#	95
74) Fluoranthene	19.12	202	15393	1.35	ng/ul#	93
77) Pyrene	19.48	202	16898	1.49	ng/ul	98
80) Benzo(a)anthracene	21.28	228	11296	1.05	ng/ul	97
82) Chrysene	21.28	228	11296	1.13	ng/ul	96
85) Benzo(b)fluoranthene	22.81	252	18950	1.69	ng/ul#	84
88) Benzo(a)pyrene	23.38	252	11487	1.08	ng/ul#	93

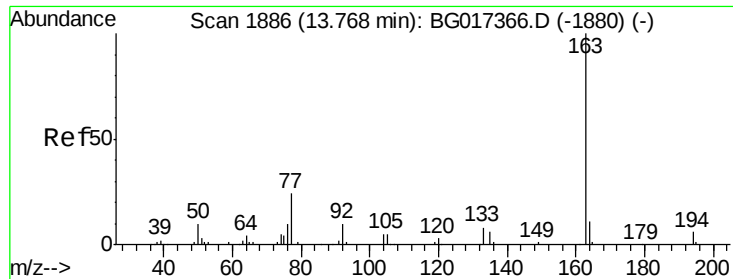
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 5.23 ng/ul

RT: 13.76 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG017371.D

Acq: 1 Jun 2015 14:43

Instrument :

BNA_G

ClientSampleId :

BCRF9

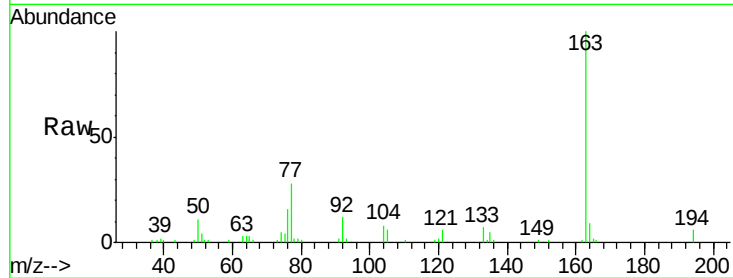
Tgt Ion:163 Resp: 33707

Ion Ratio Lower Upper

163 100

194 5.9 5.2 7.8

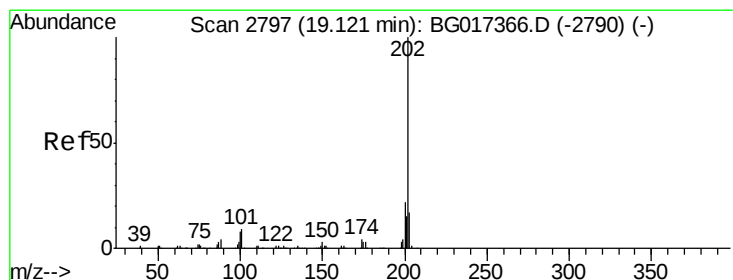
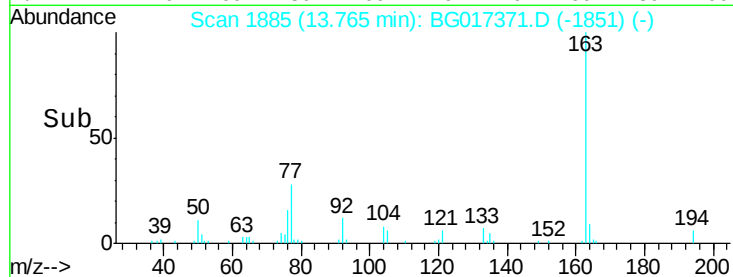
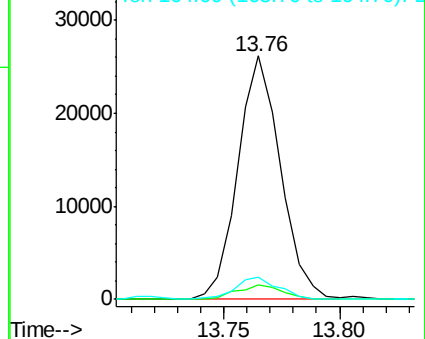
164 9.1 9.2 13.8#



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



#74

Fluoranthene

Concen: 1.35 ng/ul

RT: 19.12 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG017371.D

Acq: 1 Jun 2015 14:43

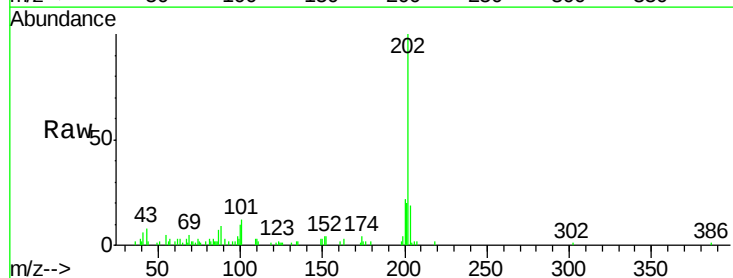
Tgt Ion:202 Resp: 15393

Ion Ratio Lower Upper

202 100

101 12.4 7.8 11.8#

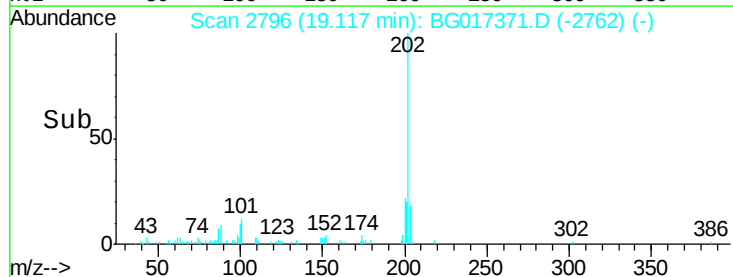
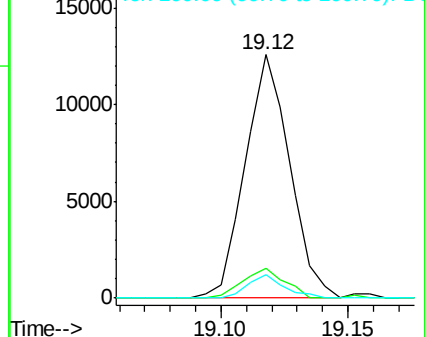
100 9.8 5.8 8.8#

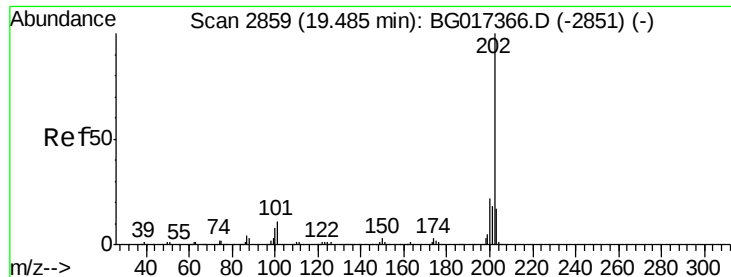


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 1.49 ng/ul

RT: 19.48 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG017371.D

Acq: 1 Jun 2015 14:43

Instrument :

BNA_G

ClientSampleId :

BCRF9

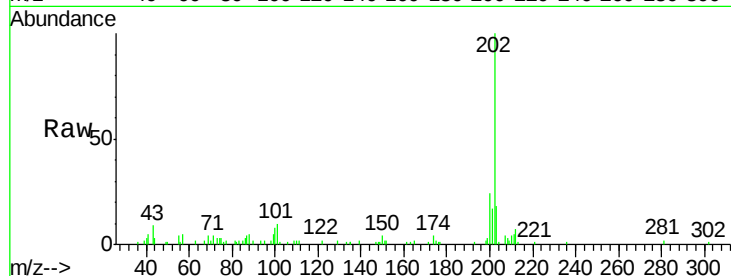
Tgt Ion:202 Resp: 16898

Ion Ratio Lower Upper

202 100

101 10.1 8.6 12.8

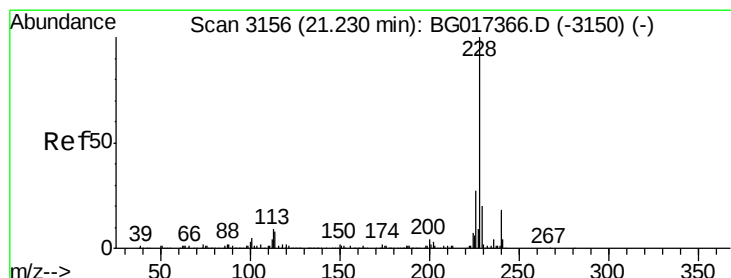
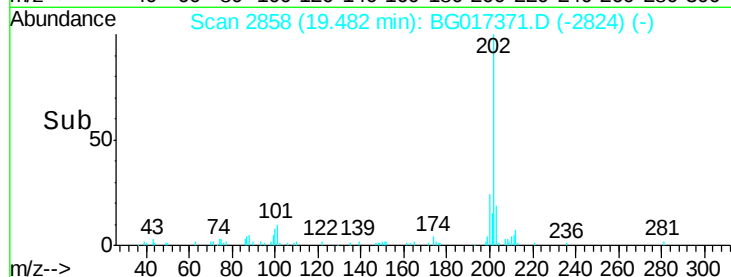
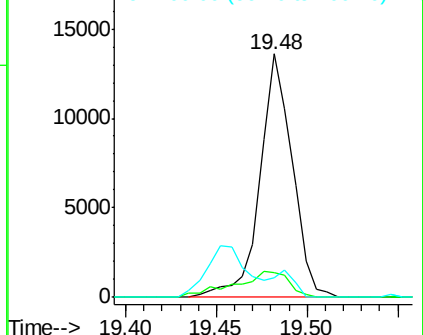
100 8.1 7.4 11.2



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



#80

Benzo(a)anthracene

Concen: 1.05 ng/ul

RT: 21.28 min Scan# 3164

Delta R.T. 0.05 min

Lab File: BG017371.D

Acq: 1 Jun 2015 14:43

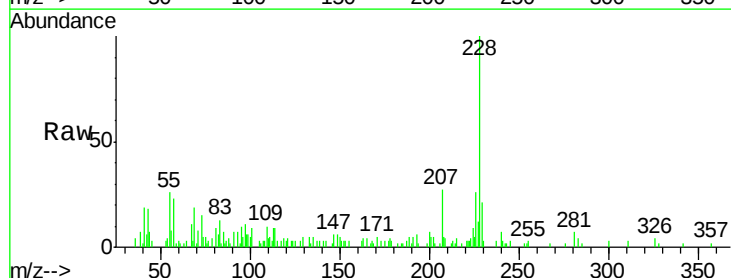
Tgt Ion:228 Resp: 11296

Ion Ratio Lower Upper

228 100

229 21.0 16.2 24.4

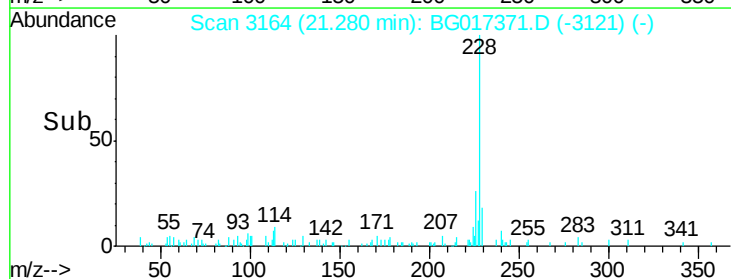
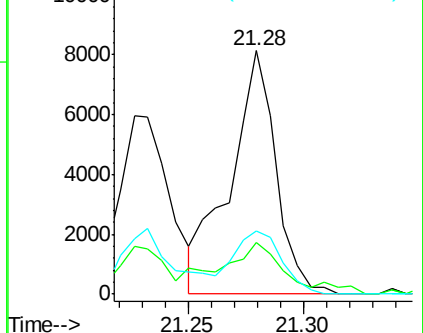
226 25.9 22.2 33.2

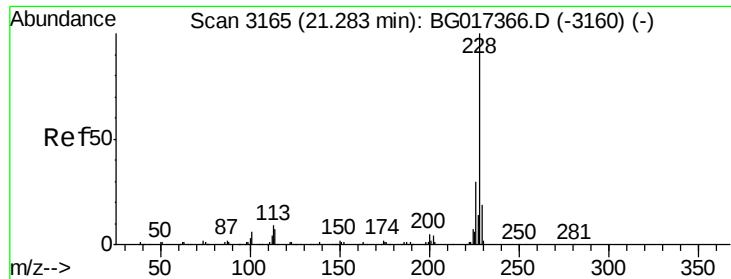


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.13 ng/ul

RT: 21.28 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG017371.D

Acq: 1 Jun 2015 14:43

Instrument :

BNA_G

ClientSampleId :

BCRF9

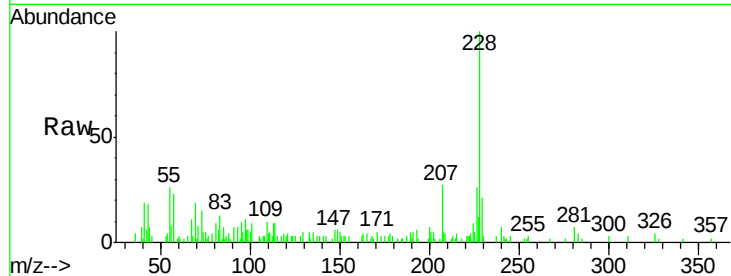
Tgt Ion:228 Resp: 11296

Ion Ratio Lower Upper

228 100

226 25.9 23.0 34.4

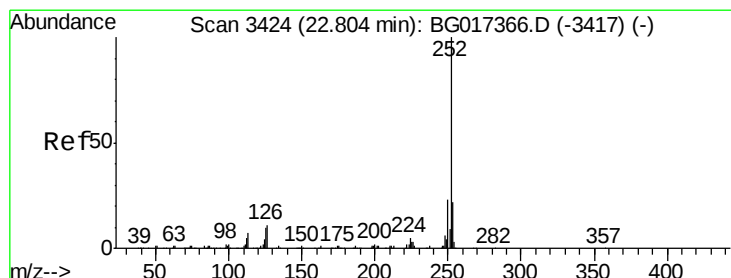
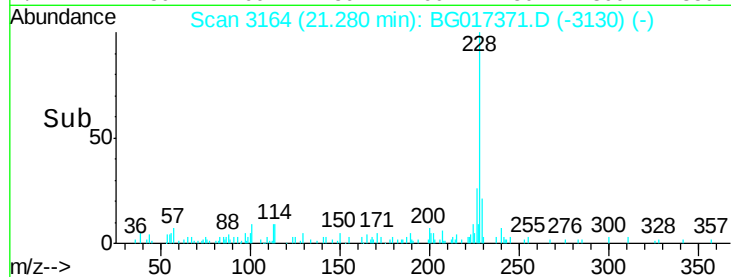
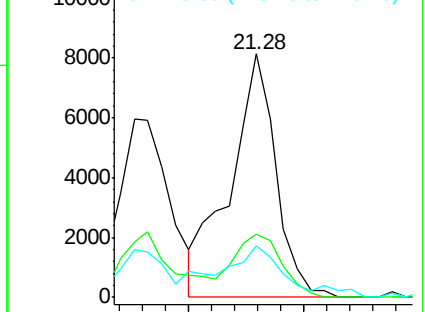
229 21.0 15.7 23.5



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



#85

Benzo(b)fluoranthene

Concen: 1.69 ng/ul

RT: 22.81 min Scan# 3425

Delta R.T. 0.01 min

Lab File: BG017371.D

Acq: 1 Jun 2015 14:43

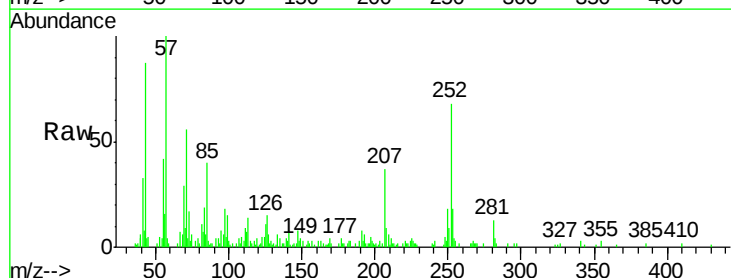
Tgt Ion:252 Resp: 18950

Ion Ratio Lower Upper

252 100

253 26.5 16.6 25.0#

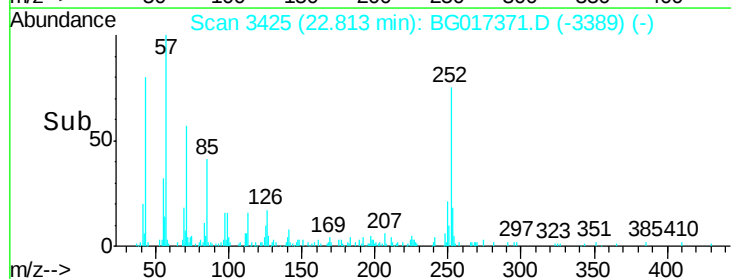
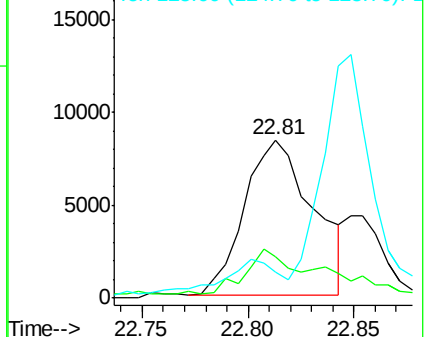
125 16.3 5.4 8.0#

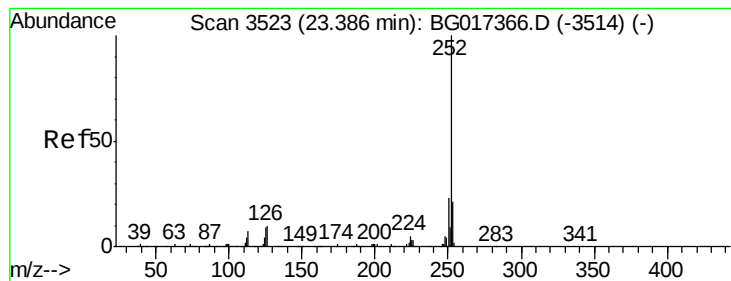


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.08 ng/ul

RT: 23.38 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG017371.D

Acq: 1 Jun 2015 14:43

Instrument :

BNA_G

ClientSampleId :

BCRF9

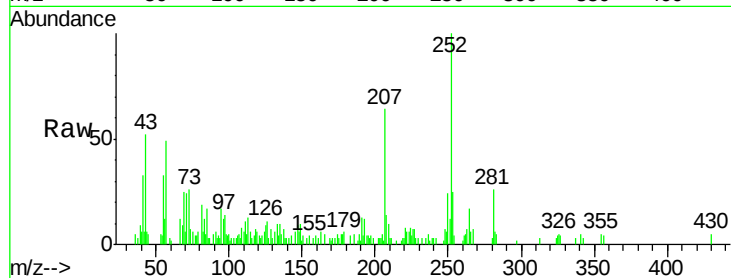
Tgt Ion:252 Resp: 11487

Ion Ratio Lower Upper

252 100

253 25.5 16.9 25.3#

125 8.8 7.0 10.4



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

