

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023597.D
 Acq On : 10 Aug 2016 18:10
 Operator : UM/SJ
 Sample : H4360-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS002-2430-01

Quant Time: Aug 11 03:59:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	161263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	716116	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	497853	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1218843	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1236175	20.00	ng/ul	0.00
83) Perylene-d12	25.25	264	1229648	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	6088	1.61	ng/uL	0.00
5) Phenol-d5	7.27	99	282544	17.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	189919	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	200893	18.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	215501	16.99	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	107341	19.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	124868	19.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	223497	18.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	274239	19.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	753710	18.49	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	898481	19.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	111216	15.98	ng/ul	0.01
57) Fluorene-d10	15.78	176	702362	18.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	117468	15.02	ng/ul	0.00
70) Anthracene-d10	17.65	188	1053052	19.18	ng/ul	0.00
76) Pyrene-d10	19.94	212	1154176	18.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1051563	18.89	ng/ul	0.00

Target Compounds

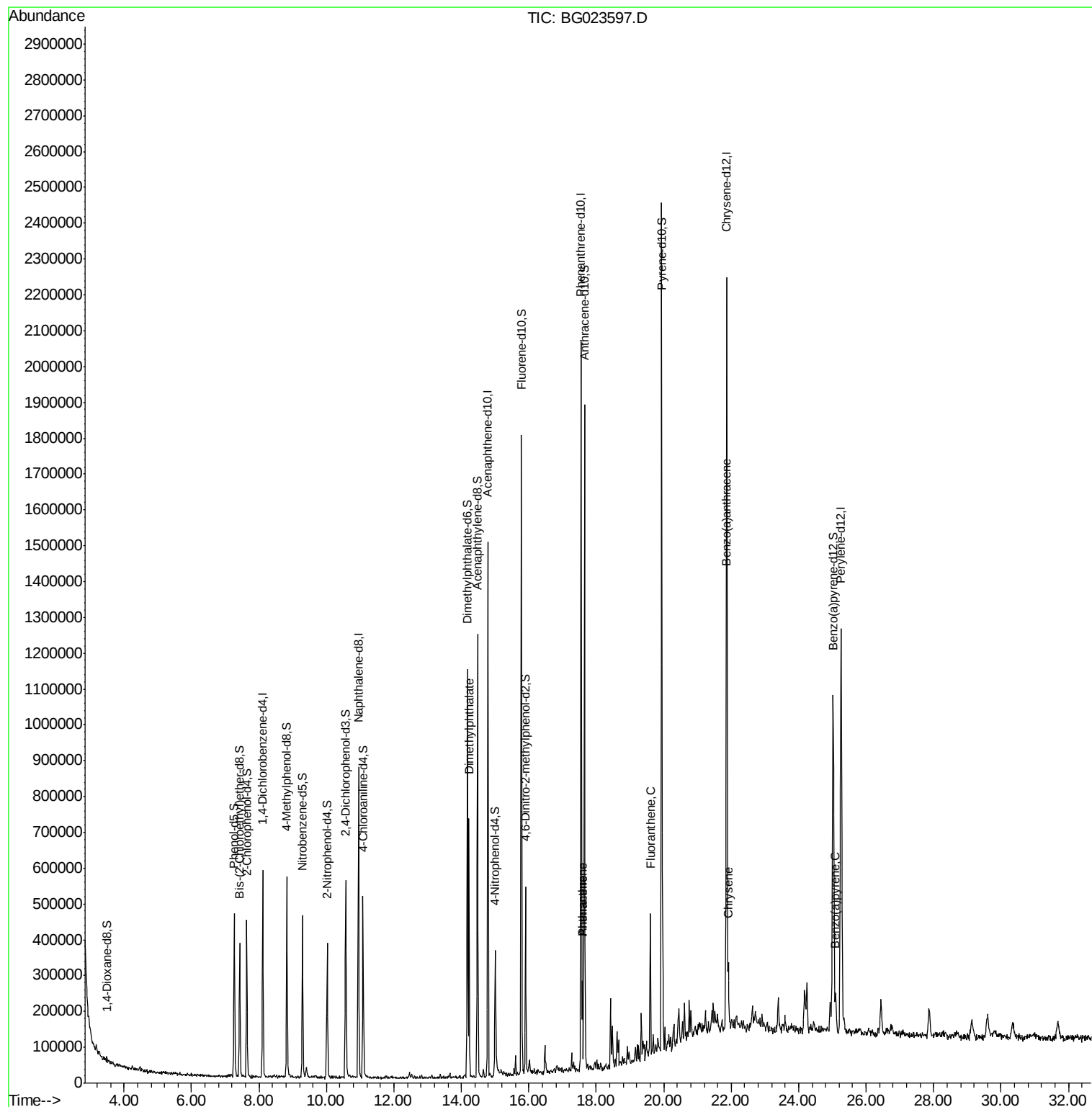
						Qvalue
44) Dimethylphthalate	14.23	163	471307	11.68	ng/ul	98
69) Phenanthrene	17.59	178	142926	2.26	ng/ul	94
71) Anthracene	17.59	178	143489	2.23	ng/ul	96
74) Fluoranthene	19.60	202	243817	3.77	ng/ul#	92
80) Benzo(a)anthracene	21.85	228	120304	1.73	ng/ul#	93
82) Chrysene	21.91	228	143117	2.26	ng/ul#	94
88) Benzo(a)pyrene	25.10	252	110514	1.64	ng/ul#	92

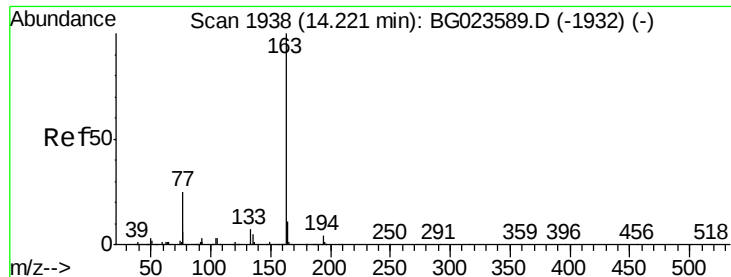
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 11.68 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. 0.01 min

Lab File: BG023597.D

Acq: 10 Aug 2016 18:10

Instrument :

BNA_G

ClientSampleId :

PR001-SS002-2430-01

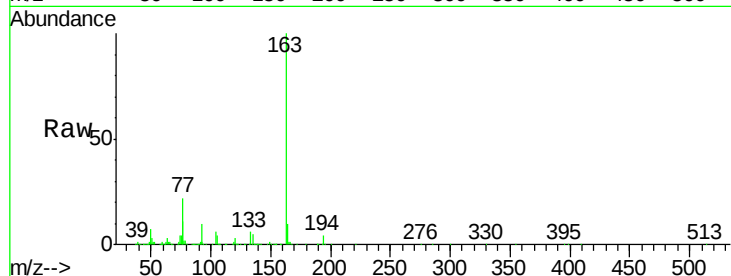
Tgt Ion:163 Resp: 471307

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

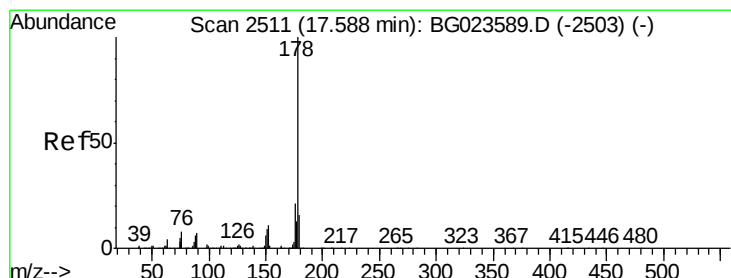
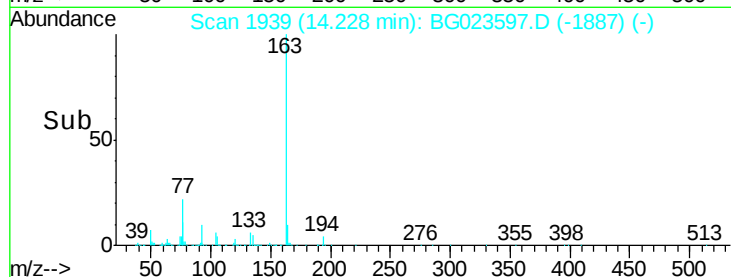
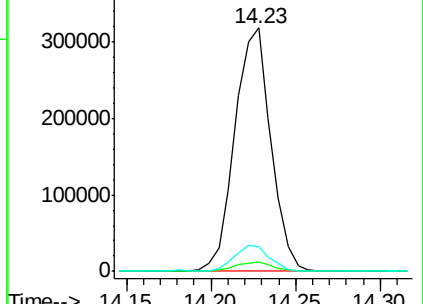
164 10.1 8.8 13.2



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: 2.26 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG023597.D

Acq: 10 Aug 2016 18:10

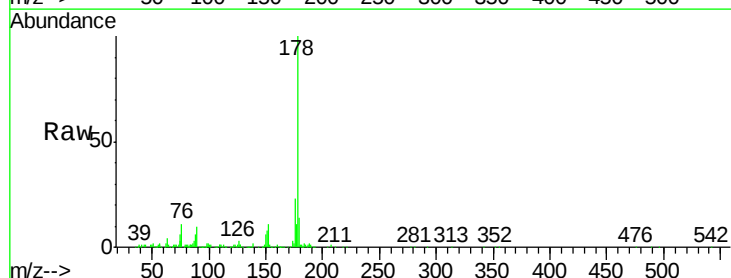
Tgt Ion:178 Resp: 142926

Ion Ratio Lower Upper

178 100

179 14.0 12.9 19.3

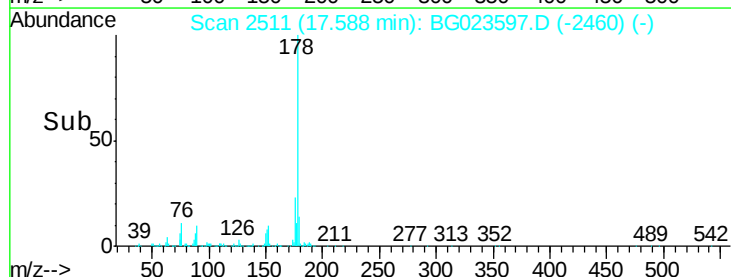
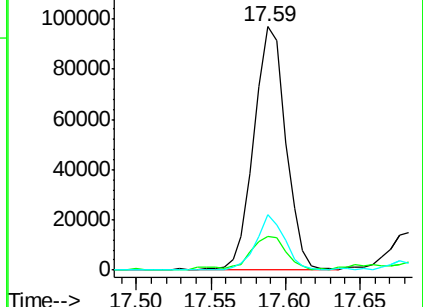
176 22.7 15.8 23.8

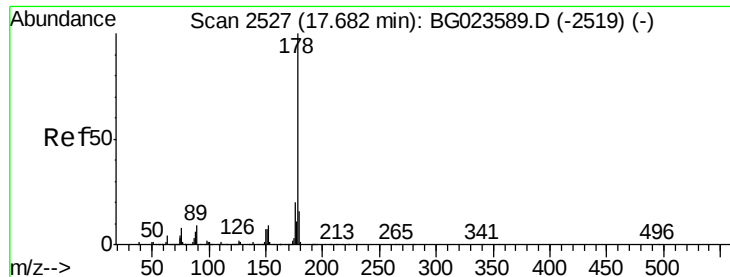


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 2.23 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.09 min

Lab File: BG023597.D

Acq: 10 Aug 2016 18:10

Instrument :

BNA_G

ClientSampleId :

PR001-SS002-2430-01

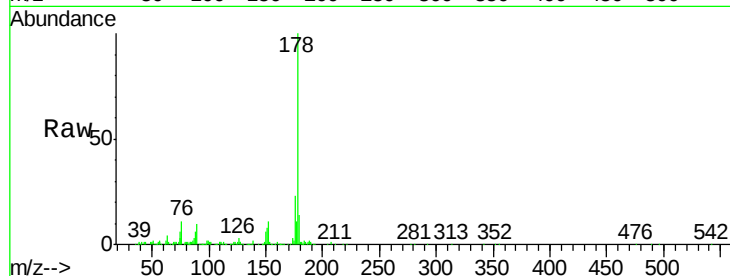
Tgt Ion:178 Resp: 143489

Ion Ratio Lower Upper

178 100

179 14.0 12.3 18.5

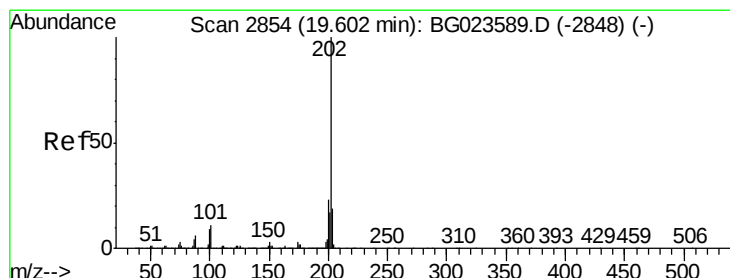
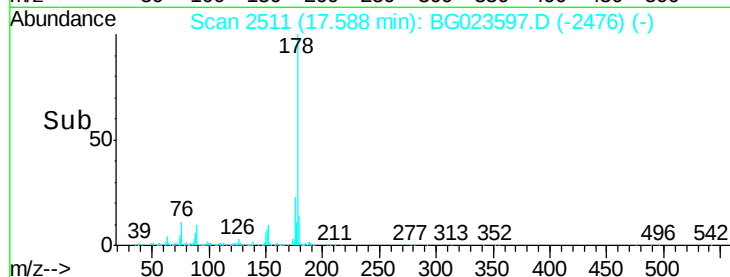
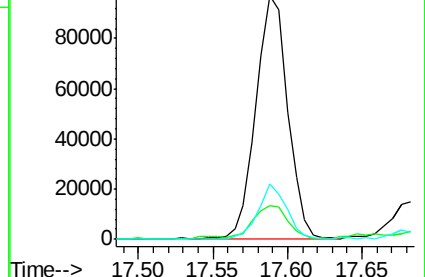
176 22.7 16.3 24.5



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



#74

Fluoranthene

Concen: 3.77 ng/ul

RT: 19.60 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023597.D

Acq: 10 Aug 2016 18:10

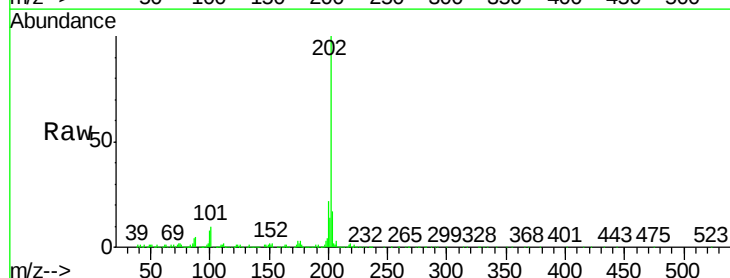
Tgt Ion:202 Resp: 243817

Ion Ratio Lower Upper

202 100

101 10.2 10.6 16.0#

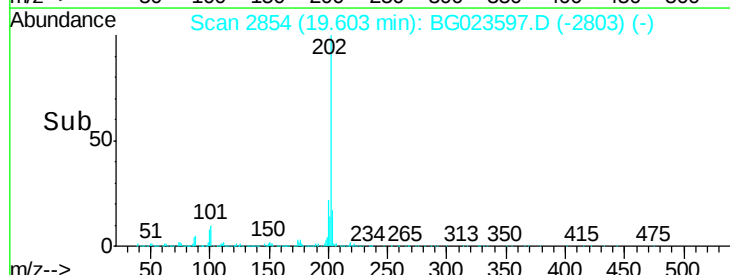
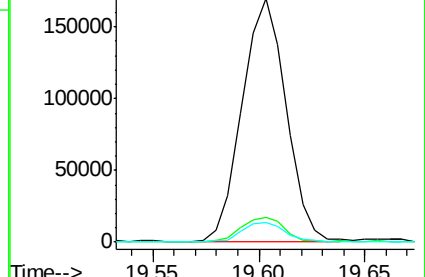
100 7.9 8.7 13.1#

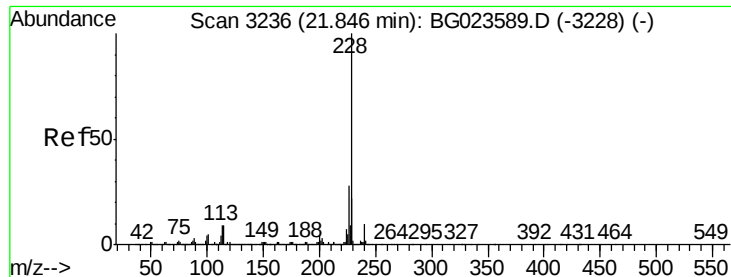


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.73 ng/ul

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG023597.D

Acq: 10 Aug 2016 18:10

Instrument :

BNA_G

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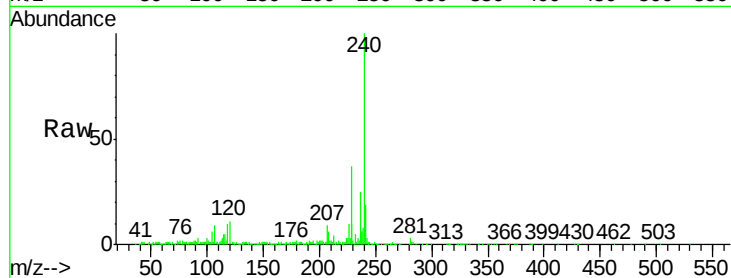
Tgt Ion:228 Resp: 120304

Ion Ratio Lower Upper

228 100

229 25.9 15.4 23.2#

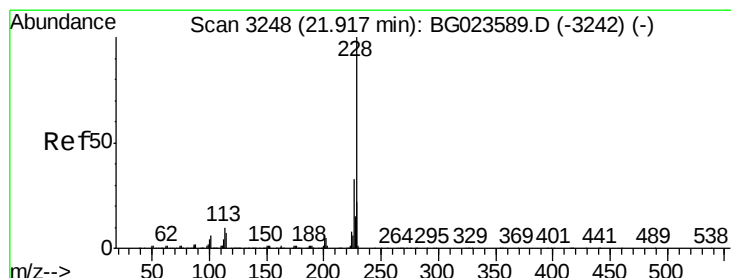
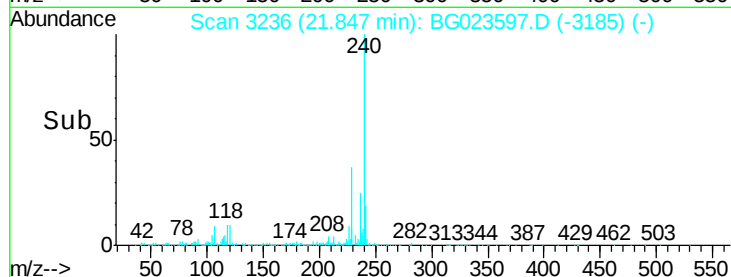
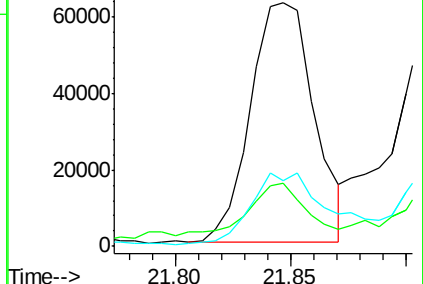
226 27.2 22.8 34.2



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: 2.26 ng/ul

RT: 21.91 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG023597.D

Acq: 10 Aug 2016 18:10

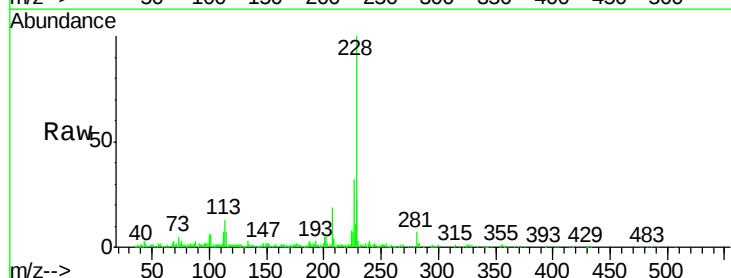
Tgt Ion:228 Resp: 143117

Ion Ratio Lower Upper

228 100

226 32.3 24.2 36.4

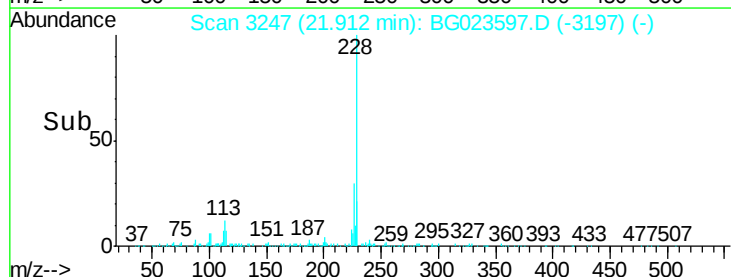
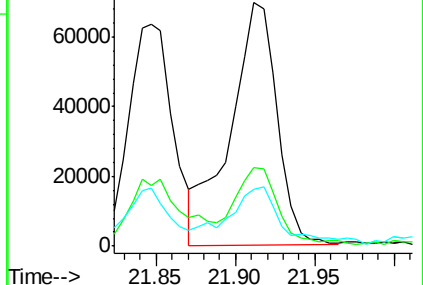
229 23.2 15.0 22.6#

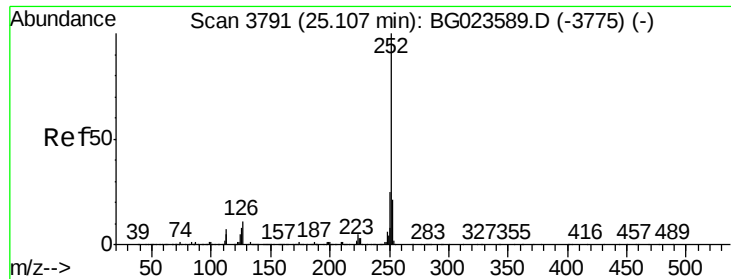


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(a)pyrene

Concen: 1.64 ng/ul

RT: 25.10 min Scan# 3789

Delta R.T. -0.01 min

Lab File: BG023597.D

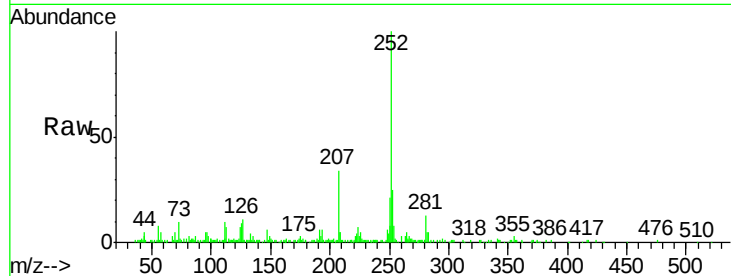
Acq: 10 Aug 2016 18:10

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	252	Resp:	110514
Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.0	28.4
125	8.8	12.0	18.0#

