

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023678.D
 Acq On : 13 Aug 2016 5:46
 Operator : UM/SJ
 Sample : H4360-21DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0612-01DL

Quant Time: Aug 13 06:38:14 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 06:38:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	101121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	464735	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	327590	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	779972	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	759177	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	759135	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	122	0.05	ng/uL	0.00
5) Phenol-d5	7.27	99	7820	0.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	395	0.06	ng/ul	0.04
9) 2-Chlorophenol-d4	7.64	132	11000	1.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	3539	0.45	ng/ul	0.01
19) Nitrobenzene-d5	9.30	128	7387	2.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	7676	1.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	61	0.01	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.10	131	7186	0.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	63564	2.37	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	73883	2.45	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	1162	0.25	ng/ul	0.06
57) Fluorene-d10	15.78	176	61556	2.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	1682	0.34	ng/ul	0.01
70) Anthracene-d10	17.65	188	90308	2.57	ng/ul	0.00
76) Pyrene-d10	19.94	212	97103	2.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	83186	2.42	ng/ul	0.00

Target Compounds

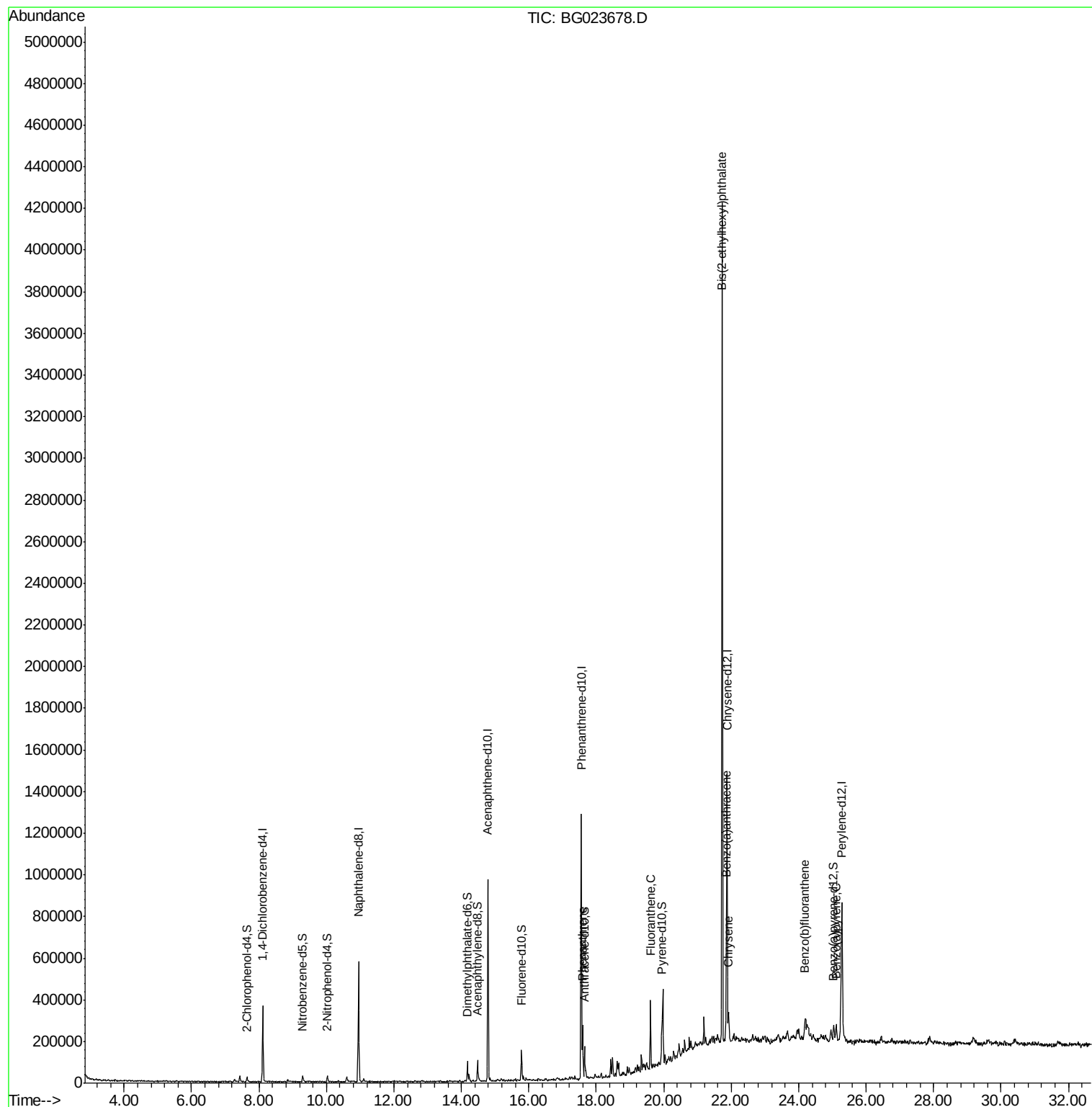
						Qvalue
69) Phenanthrene	17.59	178	153928	3.81	ng/ul	99
74) Fluoranthene	19.61	202	207221	5.01	ng/ul#	89
80) Benzo(a)anthracene	21.85	228	97743	2.29	ng/ul#	91
81) Bis(2-ethylhexyl)phthalate	21.73	149	1576600	65.87	ng/ul#	94
82) Chrysene	21.92	228	97218	2.50	ng/ul#	91
85) Benzo(b)fluoranthene	24.19	252	99988	2.32	ng/ul#	92
88) Benzo(a)pyrene	25.11	252	81271	1.95	ng/ul#	96

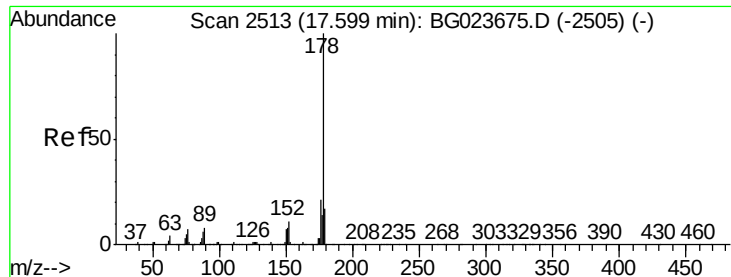
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 3.81 ng/ul

RT: 17.59 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG023678.D

Acq: 13 Aug 2016 5:46

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0612-01DL

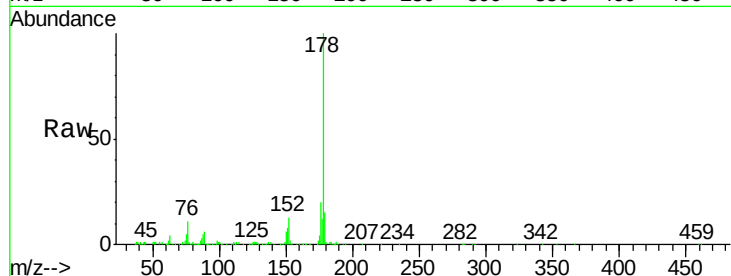
Tgt Ion:178 Resp: 153928

Ion Ratio Lower Upper

178 100

179 14.8 12.9 19.3

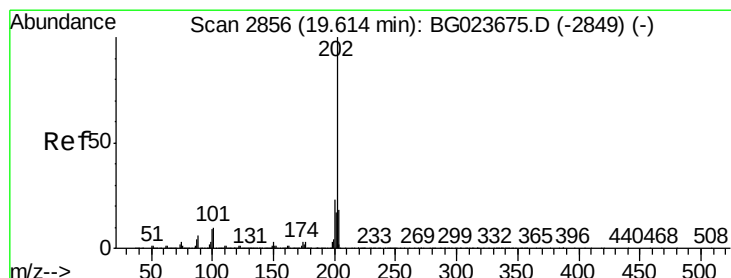
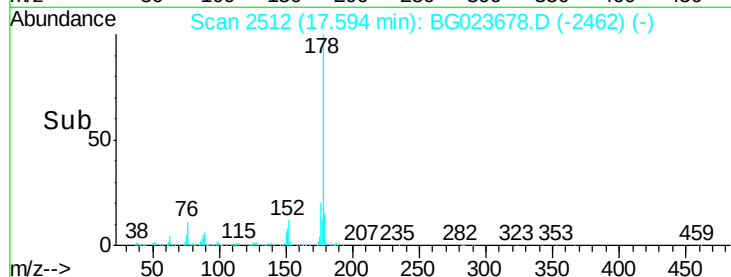
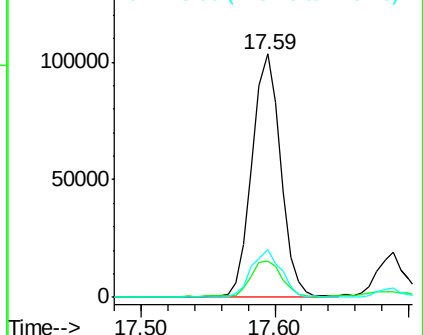
176 19.7 15.8 23.8



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



#74

Fluoranthene

Concen: 5.01 ng/ul

RT: 19.61 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG023678.D

Acq: 13 Aug 2016 5:46

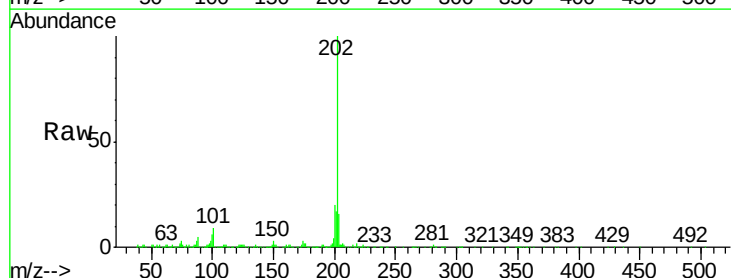
Tgt Ion:202 Resp: 207221

Ion Ratio Lower Upper

202 100

101 9.3 10.6 16.0#

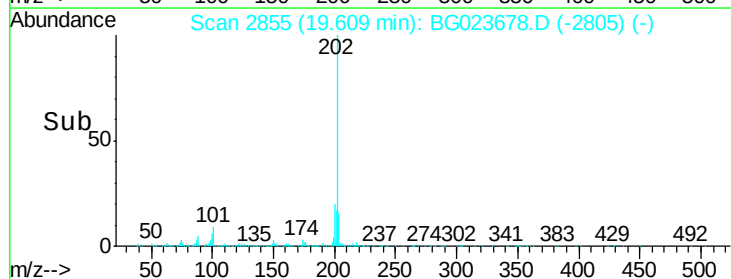
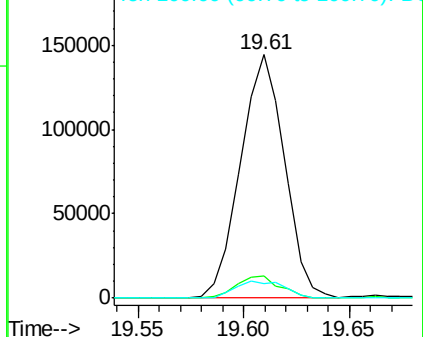
100 6.2 8.7 13.1#

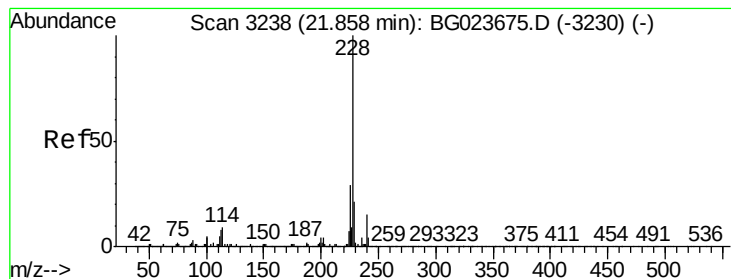


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.29 ng/ul

RT: 21.85 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BG023678.D

Acq: 13 Aug 2016 5:46

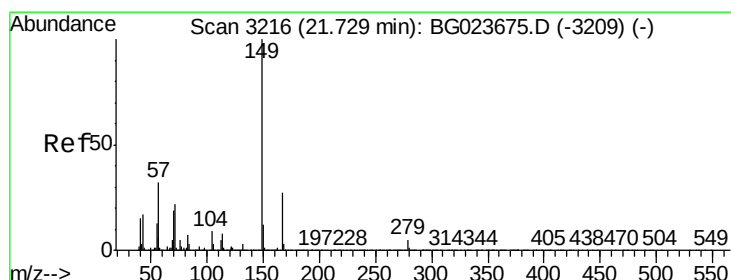
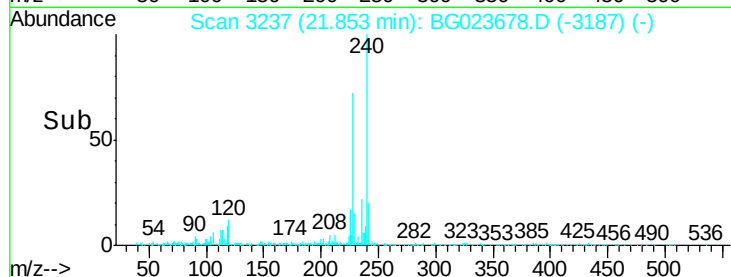
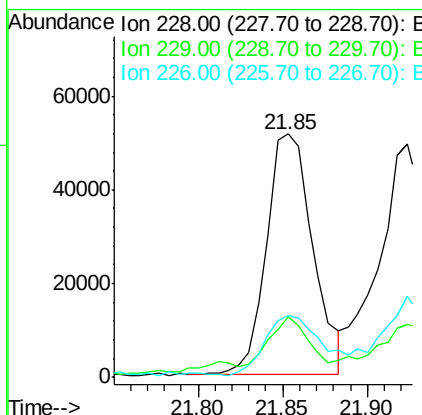
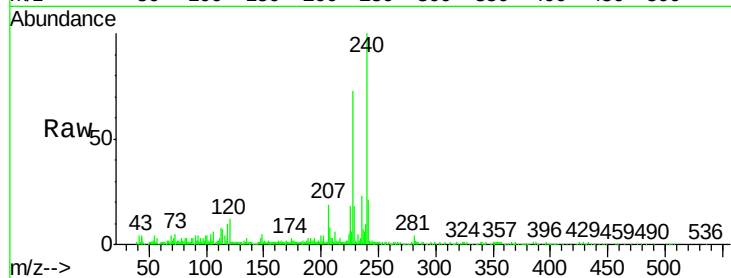
Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0612-01DL

Tgt Ion:	228	Resp:	97743
Ion	Ratio	Lower	Upper
228	100		
229	25.1	15.4	23.2#
226	25.2	22.8	34.2



#81

Bis(2-ethylhexyl)phthalate

Concen: 65.87 ng/ul

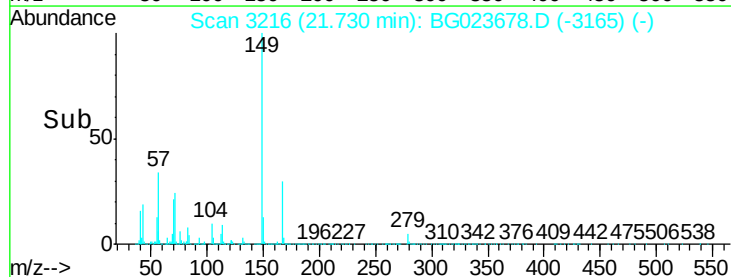
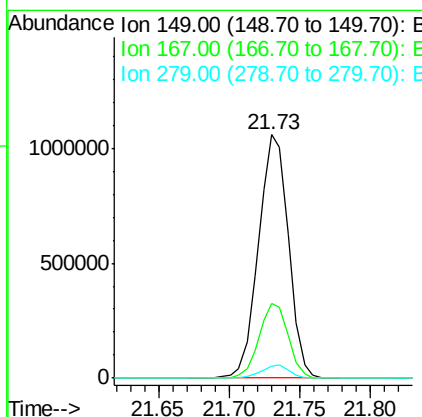
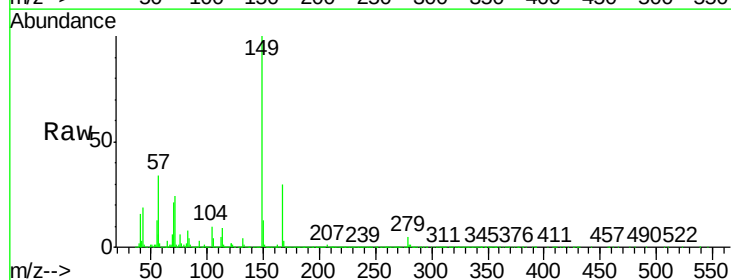
RT: 21.73 min Scan# 3216

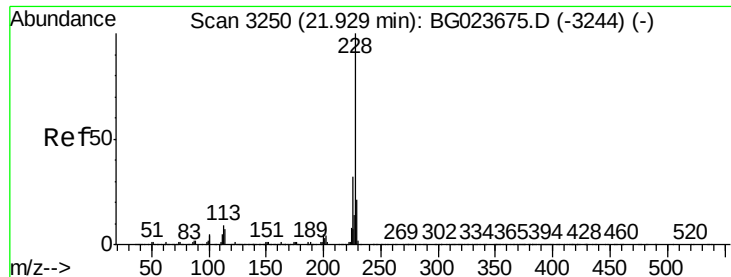
Delta R.T. 0.00 min

Lab File: BG023678.D

Acq: 13 Aug 2016 5:46

Tgt Ion:	149	Resp:	1576600
Ion	Ratio	Lower	Upper
149	100		
167	30.5	21.9	32.9
279	4.8	2.9	4.3#





#82

Chrysene

Concen: 2.50 ng/ul

RT: 21.92 min Scan# 3249

Delta R.T. -0.00 min

Lab File: BG023678.D

Acq: 13 Aug 2016 5:46

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0612-01DL

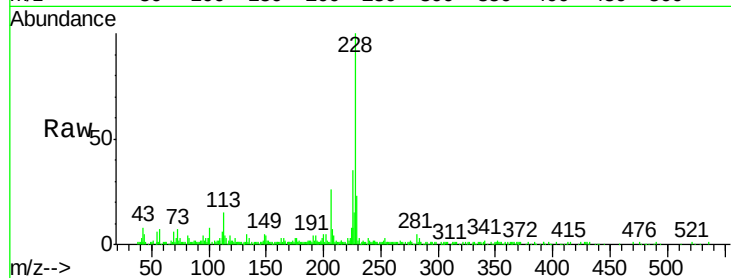
Tgt Ion:228 Resp: 97218

Ion Ratio Lower Upper

228 100

226 34.9 24.2 36.4

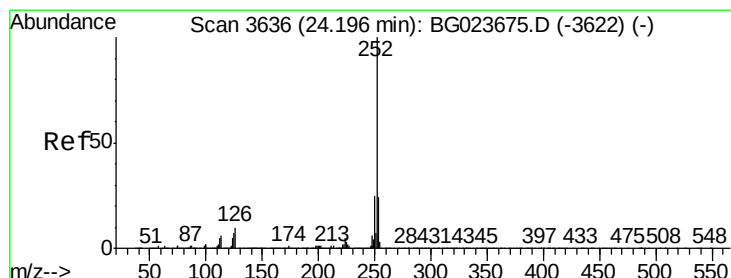
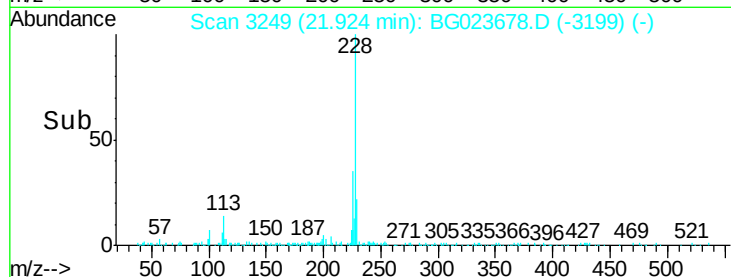
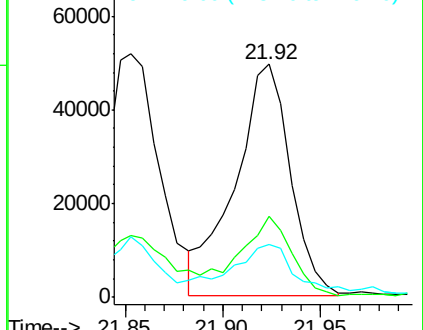
229 23.0 15.0 22.6#



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



#85

Benzo(b)fluoranthene

Concen: 2.32 ng/ul

RT: 24.19 min Scan# 3635

Delta R.T. -0.00 min

Lab File: BG023678.D

Acq: 13 Aug 2016 5:46

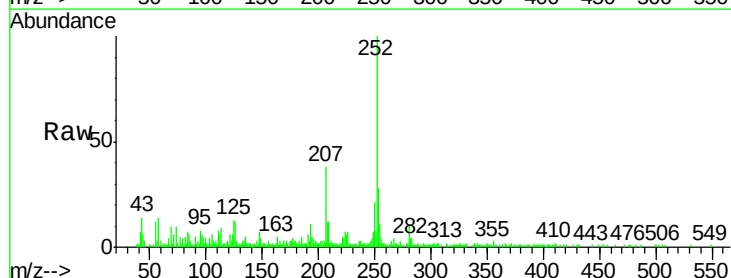
Tgt Ion:252 Resp: 99988

Ion Ratio Lower Upper

252 100

253 28.0 18.2 27.2#

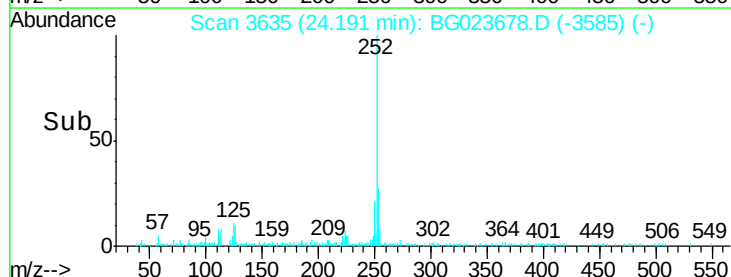
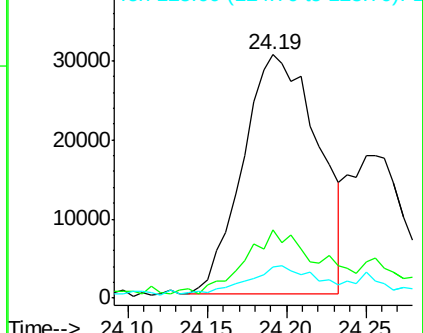
125 12.6 10.8 16.2

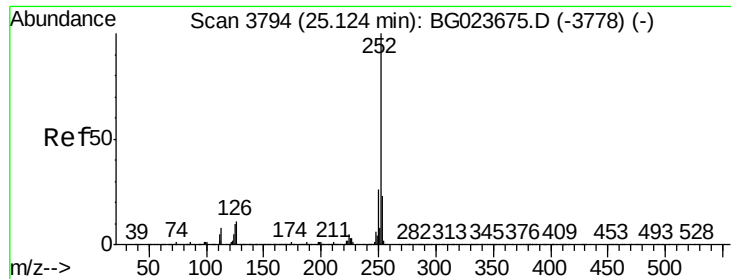


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.95 ng/ul

RT: 25.11 min Scan# 3792

Delta R.T. -0.01 min

Lab File: BG023678.D

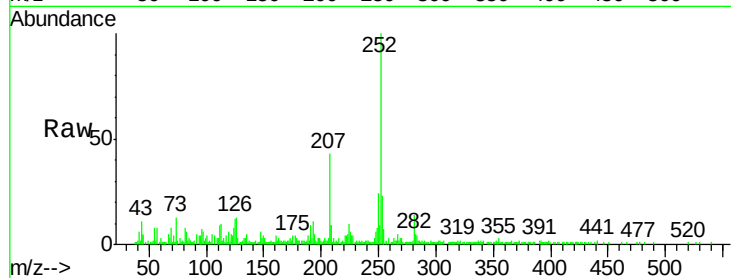
Acq: 13 Aug 2016 5:46

Instrument :

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ClientSampleId :

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Tgt Ion:	252	Resp:	81271
Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.4
125	11.5	12.0	18.0#

