

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
 Data File : BG023791.D
 Acq On : 19 Aug 2016 12:13
 Operator : UM/SJ
 Sample : H4360-22DL 30X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-1218-01DL

Quant Time: Aug 19 16:31:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:06:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	92441	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	416908	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	282468	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	600806	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	649049	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	647498	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	194	0.10	ng/uL	0.00
5) Phenol-d5	7.27	99	4359	0.50	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.41	67	3057	0.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	5053	0.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	3108	0.46	ng/ul	0.02
19) Nitrobenzene-d5	9.28	128	2390	0.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	2620	0.68	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.60	165	1765	0.25	ng/ul	0.05
29) 4-Chloroaniline-d4	11.05	131	55	0.01	ng/ul	-0.02
43) Dimethylphthalate-d6	14.16	166	21349	0.91	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	24890	0.94	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	56	0.01	ng/ul	0.07
57) Fluorene-d10	15.77	176	19958	0.98	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.80	200	85	0.02	ng/ul	-0.10
70) Anthracene-d10	17.63	188	27716	1.00	ng/ul	0.00
76) Pyrene-d10	19.92	212	28593	0.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.98	264	27987	0.94	ng/ul	0.00

Target Compounds

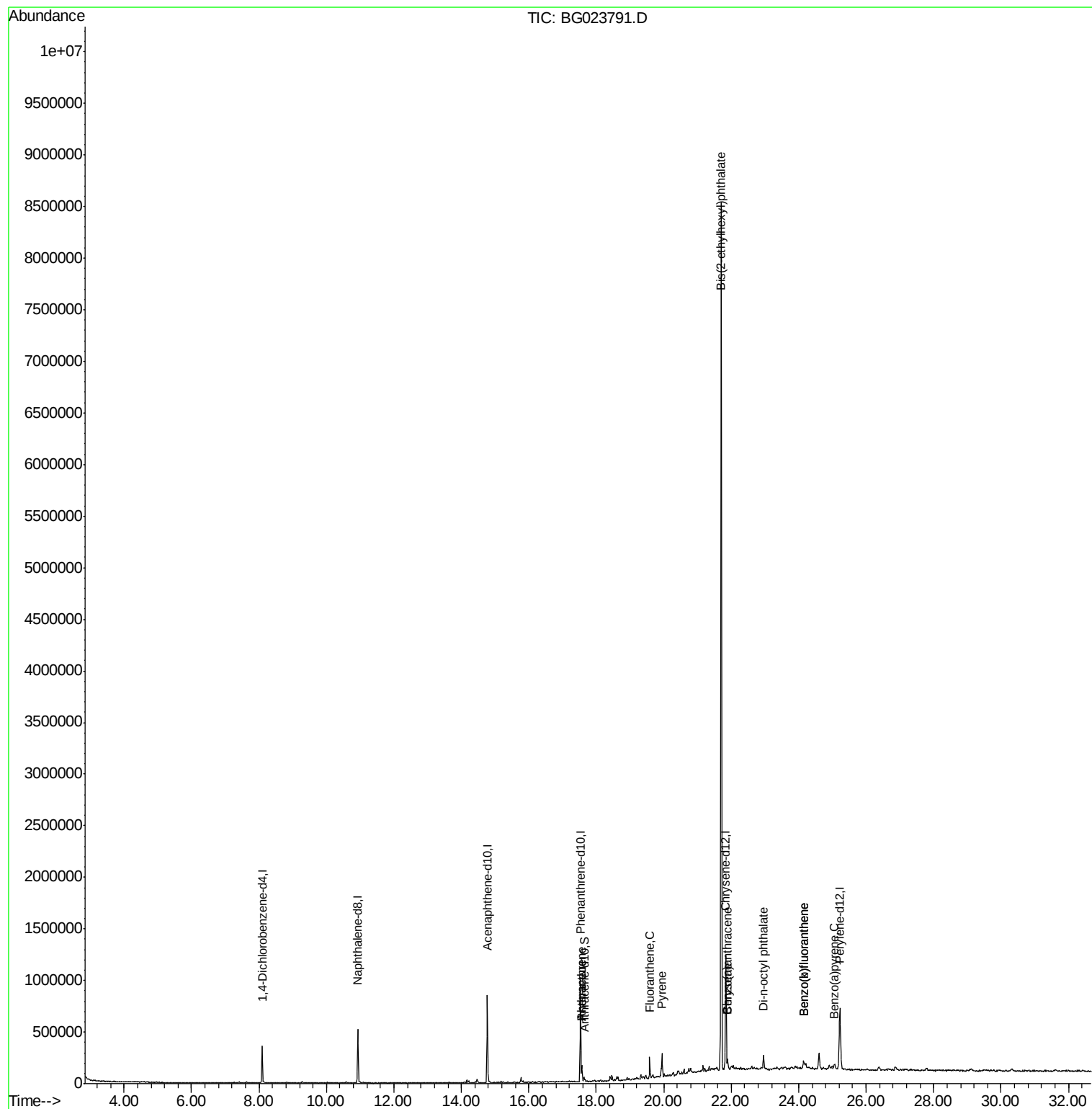
						Ovalue
69) Phenanthrene	17.58	178	96161	3.02	ng/ul	96
71) Anthracene	17.58	178	95910	2.93	ng/ul	98
74) Fluoranthene	19.59	202	129213	3.81	ng/ul#	89
77) Pyrene	19.95	202	140411	3.66	ng/ul#	89
80) Benzo(a)anthracene	21.89	228	73969	1.97	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.70	149	2883267	123.54	ng/ul#	81
82) Chrysene	21.89	228	73969	2.19	ng/ul	97
84) Di-n-octyl phthalate	22.96	149	117278	3.15	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	42486	1.13	ng/ul#	97
86) Benzo(k)fluoranthene	24.15	252	42486	1.17	ng/ul#	93
88) Benzo(a)pyrene	25.06	252	53211	1.47	ng/ul#	93

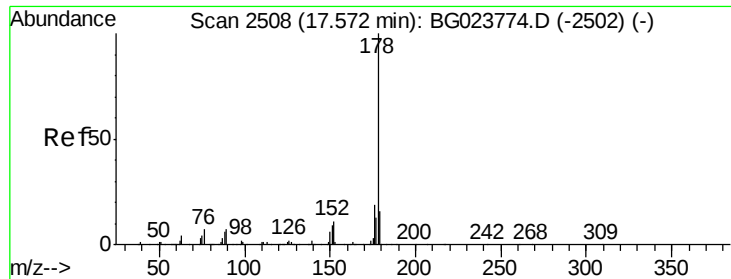
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 3.02 ng/ul

RT: 17.58 min Scan# 2509

Delta R.T. 0.00 min

Lab File: BG023791.D

Acq: 19 Aug 2016 12:13

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-1218-01DL

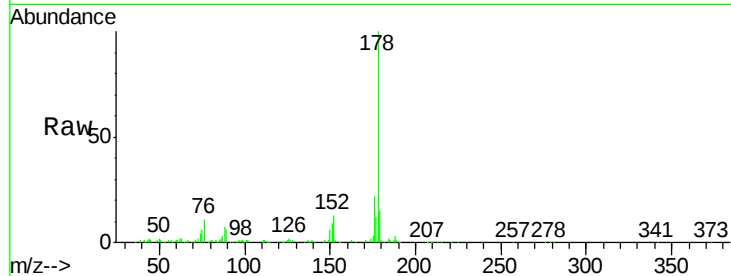
Tot Ion:178 Resp: 96161

Ion Ratio Lower Upper

178 100

179 14.6 12.9 19.3

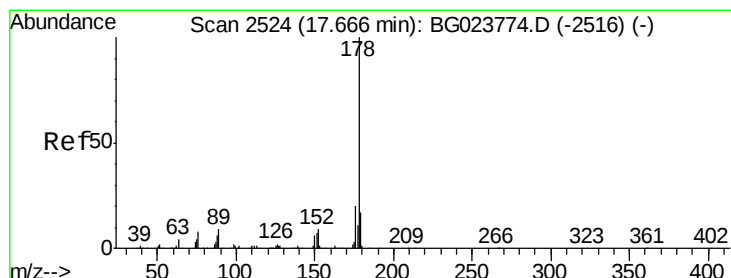
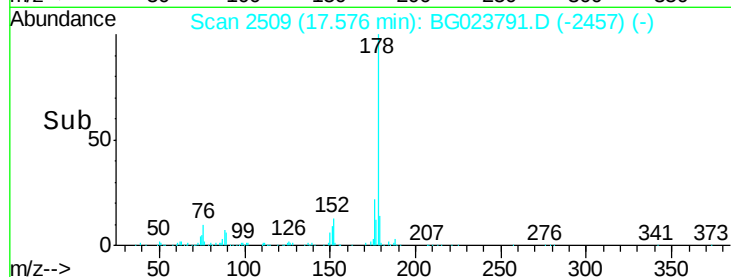
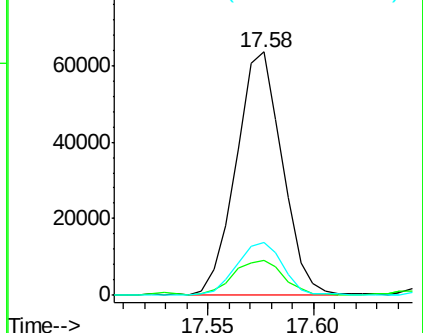
176 21.5 15.8 23.8



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: 2.93 ng/ul

RT: 17.58 min Scan# 2509

Delta R.T. -0.09 min

Lab File: BG023791.D

Acq: 19 Aug 2016 12:13

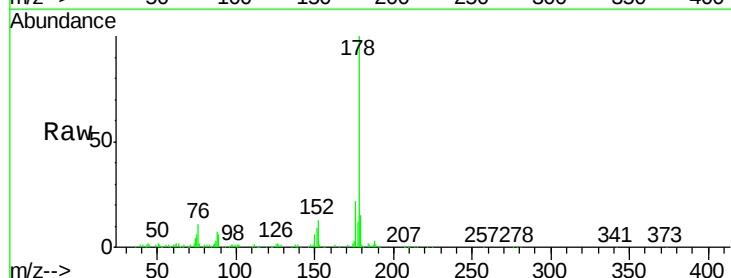
Tgt Ion:178 Resp: 95910

Ion Ratio Lower Upper

178 100

179 14.6 12.3 18.5

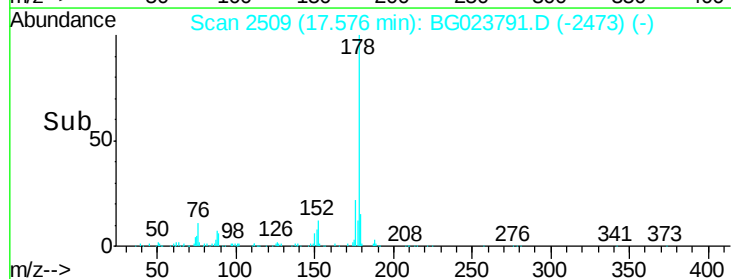
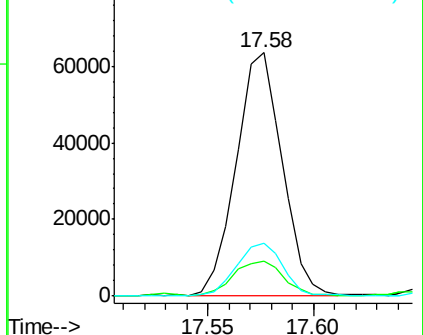
176 21.5 16.3 24.5

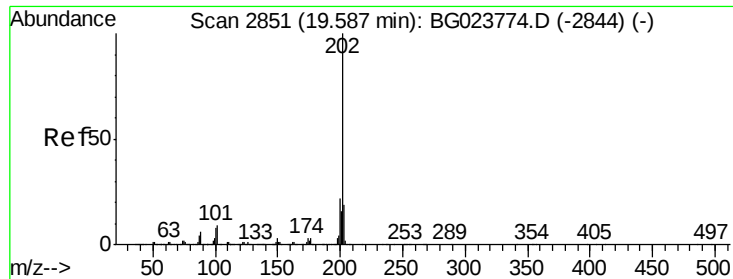


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

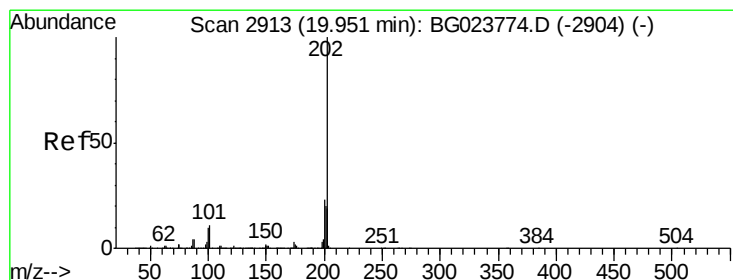
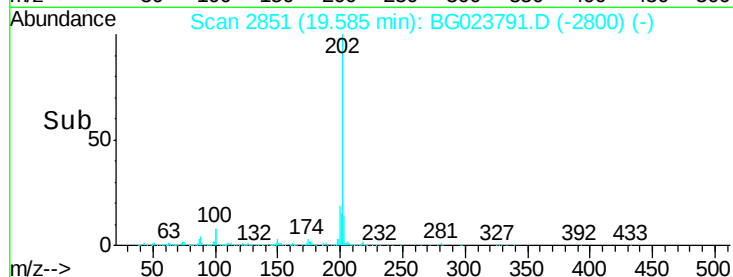
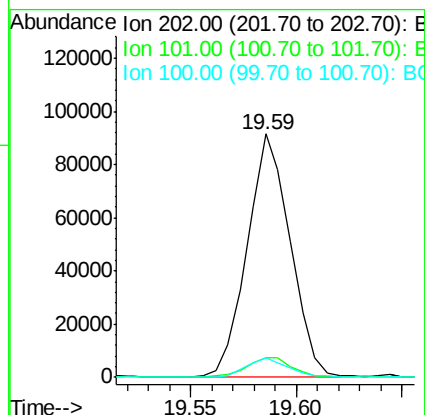
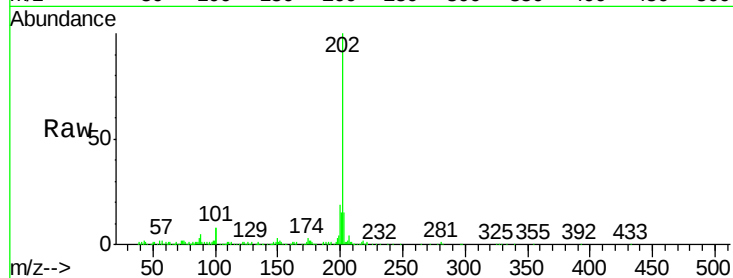




#74
 Fluoranthene
 Concen: 3.81 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. -0.00 min
 Lab File: BG023791.D
 Acq: 19 Aug 2016 12:13

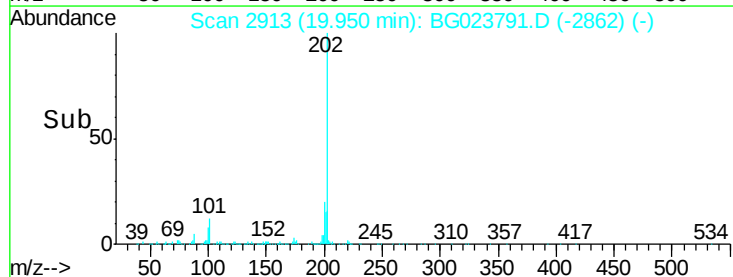
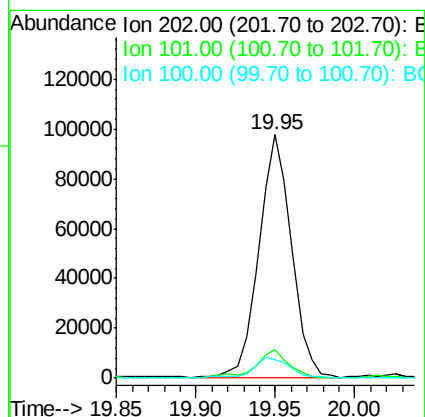
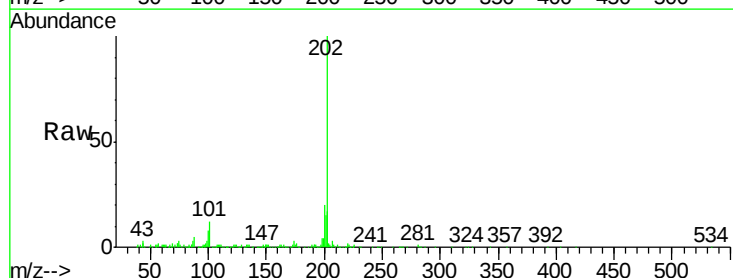
Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-1218-01DL

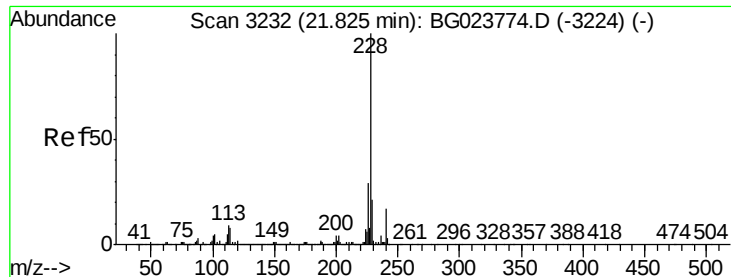
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.2	10.6	16.0#
100	7.9	8.7	13.1#



#77
 Pyrene
 Concen: 3.66 ng/ul
 RT: 19.95 min Scan# 2913
 Delta R.T. -0.00 min
 Lab File: BG023791.D
 Acq: 19 Aug 2016 12:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	12.5	18.7#
100	7.7	10.2	15.4#





#80

Benzo(a)anthracene

Concen: 1.97 ng/ul

RT: 21.89 min Scan# 3244

Delta R.T. 0.07 min

Lab File: BG023791.D

Acq: 19 Aug 2016 12:13

Instrument :

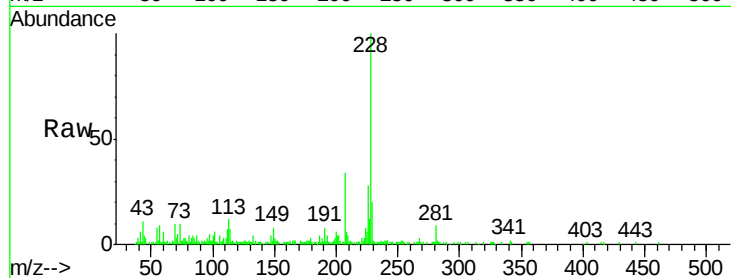
BNA_G

ClientSampleId :

PR001-SS004-1218-01DL

Tot Ion:228 Resp: 73969

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.2
226	28.4	22.8	34.2

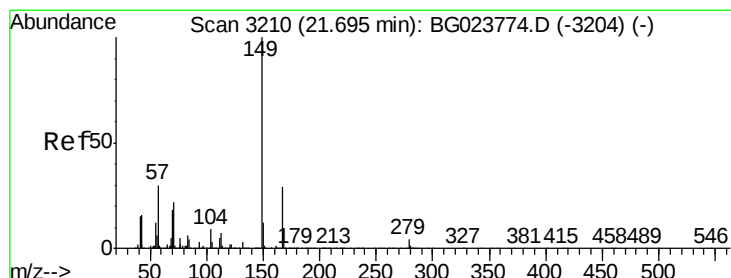
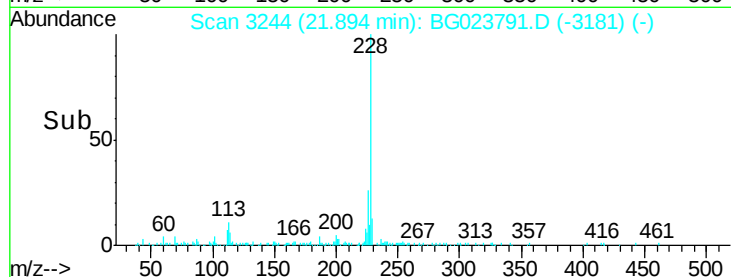
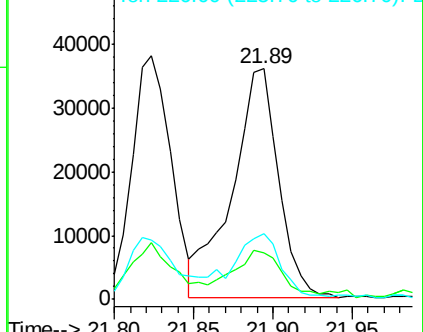


Abundance

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



#81

Bis(2-ethylhexyl)phthalate

Concen: 123.54 ng/ul

RT: 21.70 min Scan# 3211

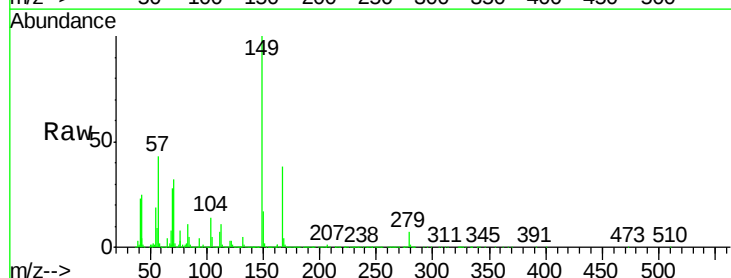
Delta R.T. 0.00 min

Lab File: BG023791.D

Acq: 19 Aug 2016 12:13

Tgt Ion:149 Resp: 2883267

Ion	Ratio	Lower	Upper
149	100		
167	37.6	21.9	32.9#
279	7.1	2.9	4.3#

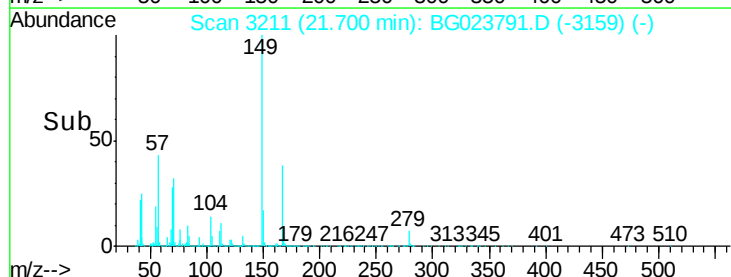
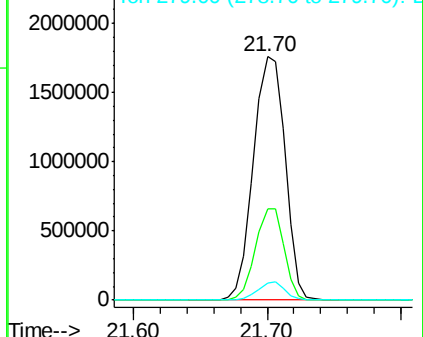


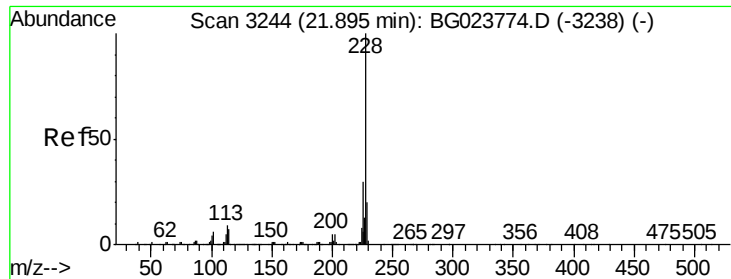
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 2.19 ng/ul

RT: 21.89 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BG023791.D

Acq: 19 Aug 2016 12:13

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-1218-01DL

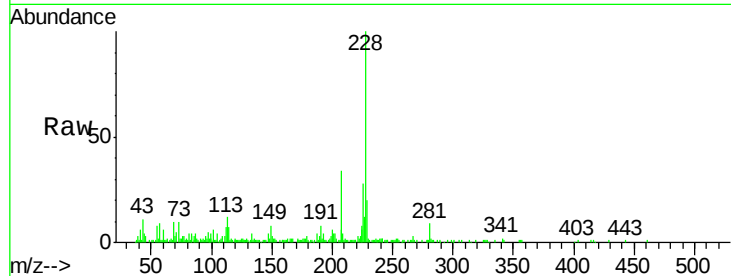
Tot Ion:228 Resp: 73969

Ion Ratio Lower Upper

228 100

226 28.4 24.2 36.4

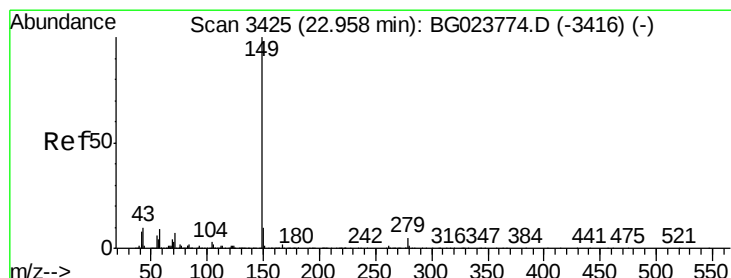
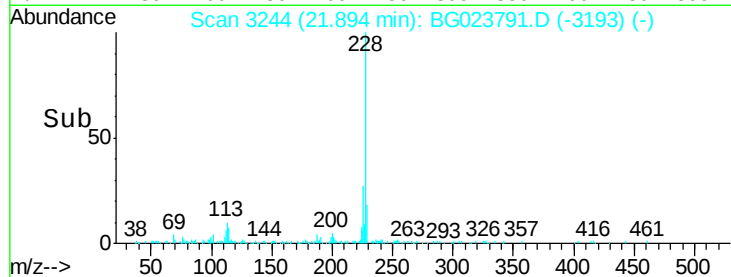
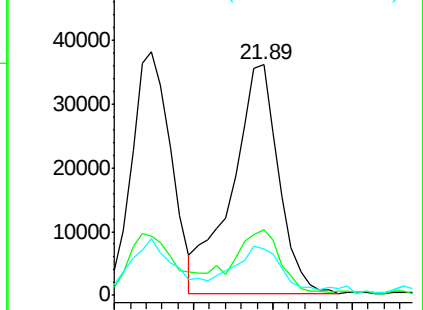
229 19.9 15.0 22.6



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



#84

Di-n-octyl phthalate

Concen: 3.15 ng/ul

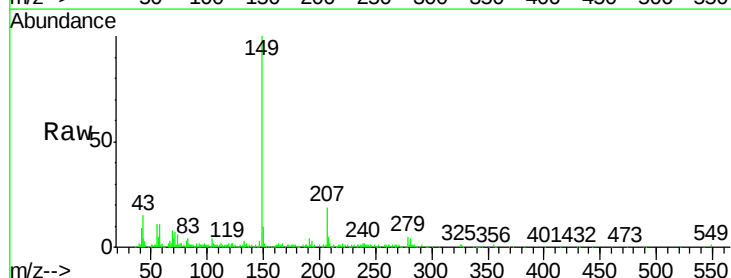
RT: 22.96 min Scan# 3425

Delta R.T. -0.00 min

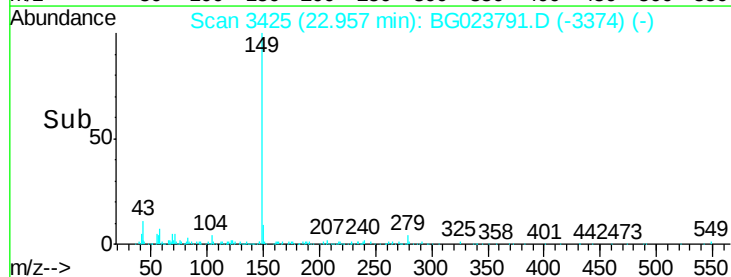
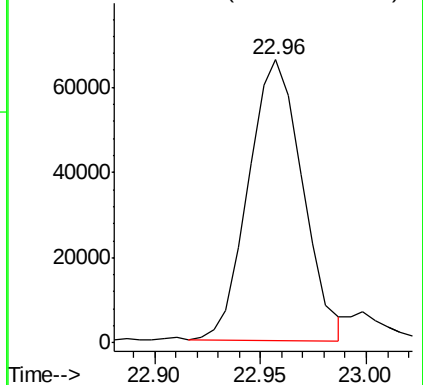
Lab File: BG023791.D

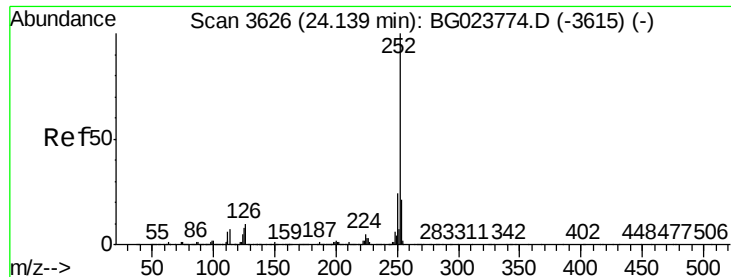
Acq: 19 Aug 2016 12:13

Tgt Ion:149 Resp: 117278



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 1.13 ng/ul

RT: 24.15 min Scan# 3628

Delta R.T. 0.01 min

Lab File: BG023791.D

Acq: 19 Aug 2016 12:13

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-1218-01DL

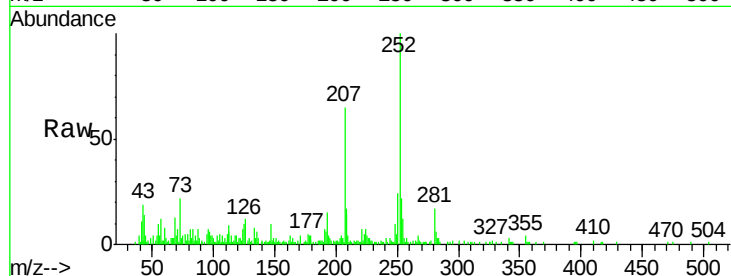
Tot Ion:252 Resp: 42486

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

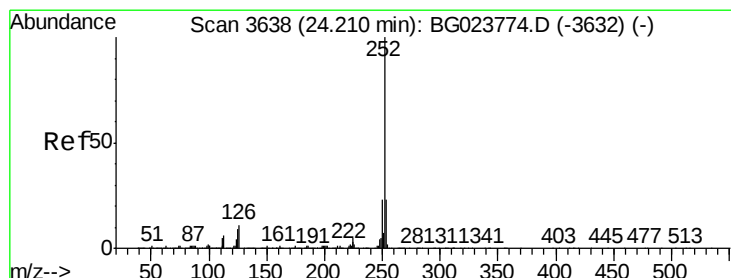
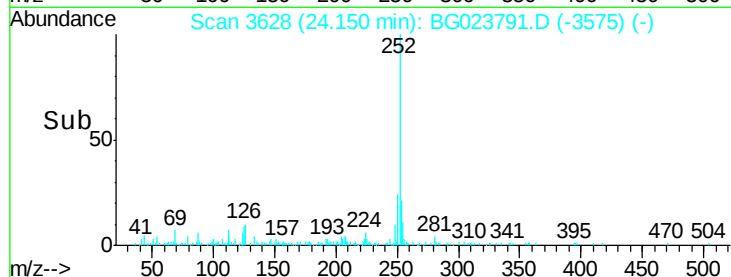
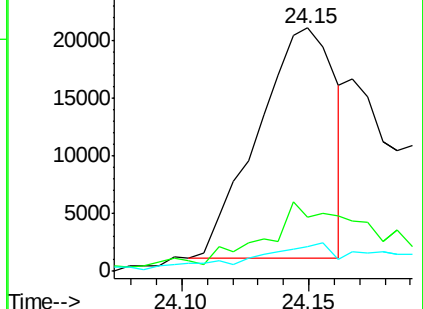
125 10.3 10.8 16.2#



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



#86

Benzo(k)fluoranthene

Concen: 1.17 ng/ul

RT: 24.15 min Scan# 3628

Delta R.T. -0.06 min

Lab File: BG023791.D

Acq: 19 Aug 2016 12:13

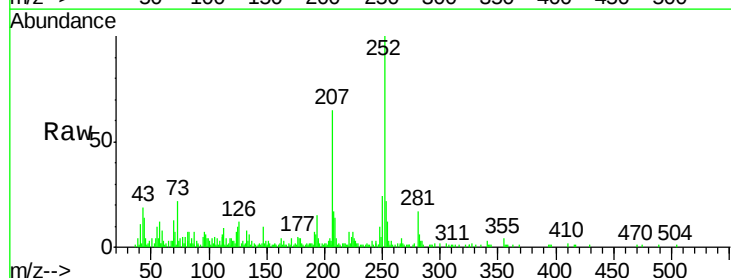
Tgt Ion:252 Resp: 42486

Ion Ratio Lower Upper

252 100

253 22.5 15.8 23.6

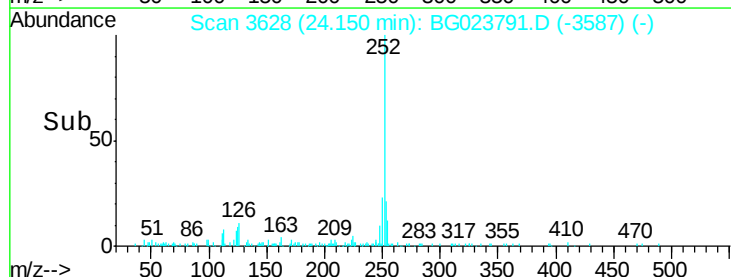
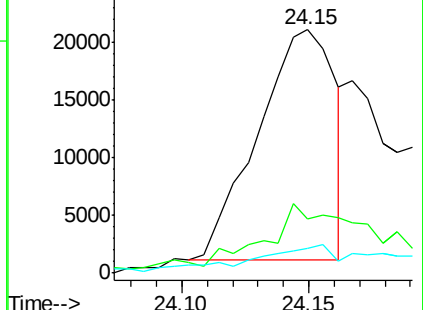
125 10.3 10.6 16.0#

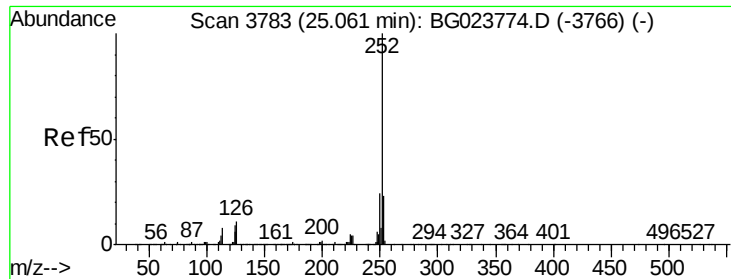


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.47 ng/ul

RT: 25.06 min Scan# 3783

Delta R.T. -0.00 min

Lab File: BG023791.D

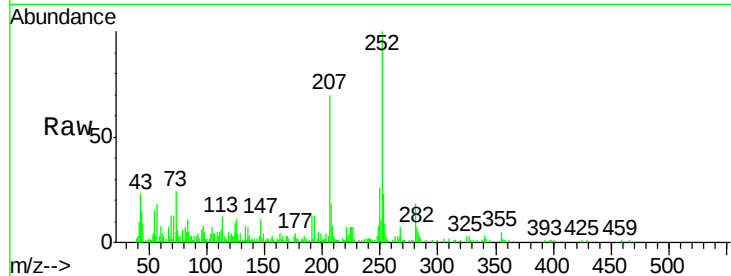
Acq: 19 Aug 2016 12:13

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-1218-01DL



Tot Ion:	252	Resp:	53211
Ion Ratio	Lower	Upper	
252	100		
253	22.6	19.0	28.4
125	8.7	12.0	18.0

