

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023592.D
 Acq On : 10 Aug 2016 15:01
 Operator : UM/SJ
 Sample : H4360-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS001-0002-01

Quant Time: Aug 11 03:58:24 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	8.12	152	148754	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	677639	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	485301	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1162268	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1172723	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1166600	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	5682	1.62	ng/uL	0.00
5) Phenol-d5	7.27	99	257729	17.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	176355	18.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	183035	17.90	ng/ul	0.01
13) 4-Methylphenol-d8	8.83	113	199439	17.05	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	99686	18.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	107680	17.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	209550	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	698	0.05	ng/ul	0.16
43) Dimethylphthalate-d6	14.18	166	781202	19.66	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	886393	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	113760	16.77	ng/ul	0.02
57) Fluorene-d10	15.78	176	726198	19.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	125683	16.86	ng/ul	0.00
70) Anthracene-d10	17.65	188	1086750	20.75	ng/ul	0.00
76) Pyrene-d10	19.94	212	1183073	19.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1089535	20.63	ng/ul	0.00

Target Compounds

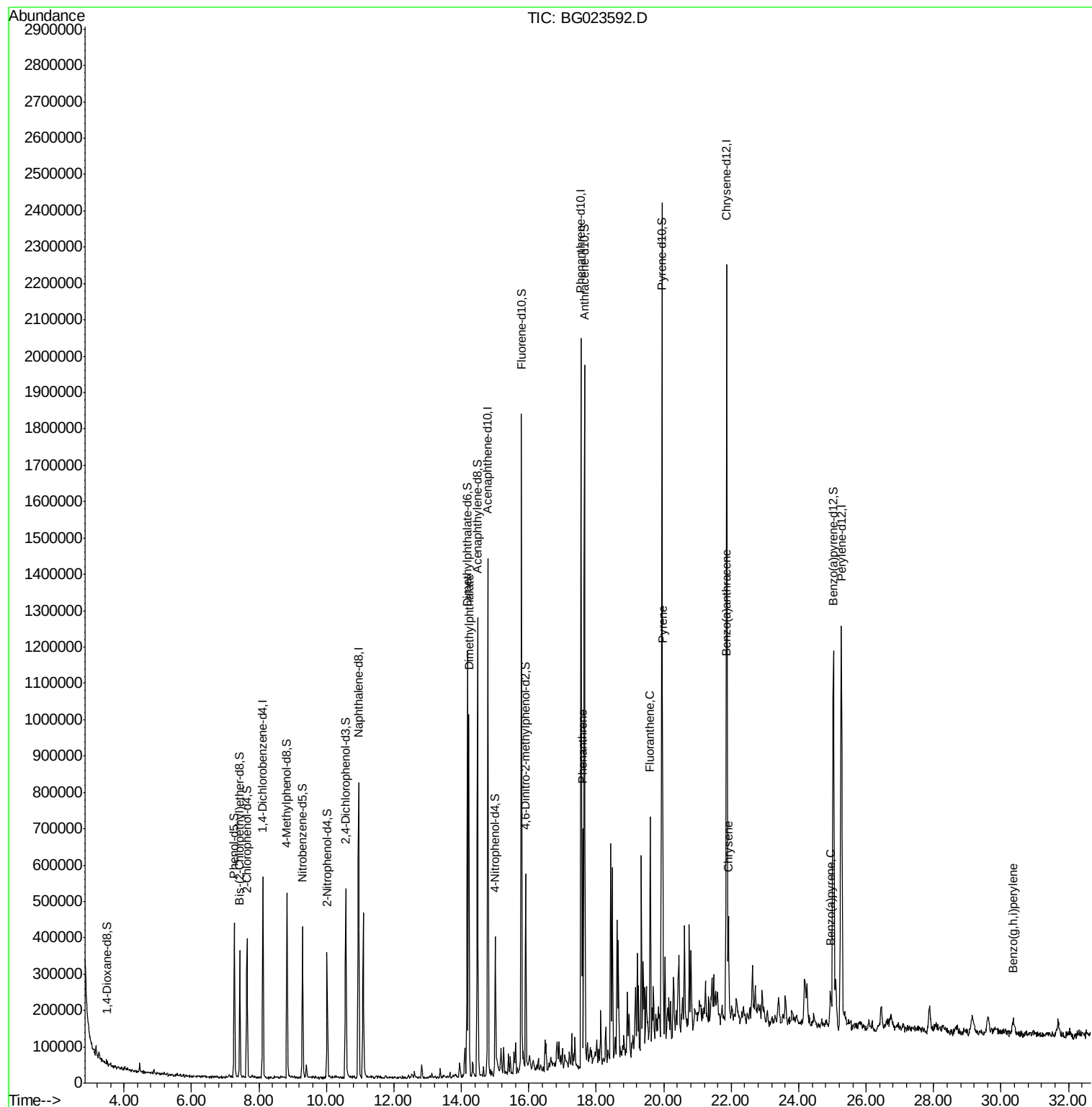
						Qvalue
44) Dimethylphthalate	14.23	163	588054	14.95	ng/ul	99
69) Phenanthrene	17.59	178	397663	6.61	ng/ul	98
74) Fluoranthene	19.60	202	356323	5.78	ng/ul#	93
77) Pyrene	19.97	202	551828	7.61	ng/ul	95
80) Benzo(a)anthracene	21.85	228	198434	3.00	ng/ul	96
82) Chrysene	21.92	228	223938	3.73	ng/ul	100
88) Benzo(a)pyrene	24.94	252	96216	1.50	ng/ul	97
91) Benzo(g,h,i)perylene	30.37	276	76290	1.22	ng/ul#	83

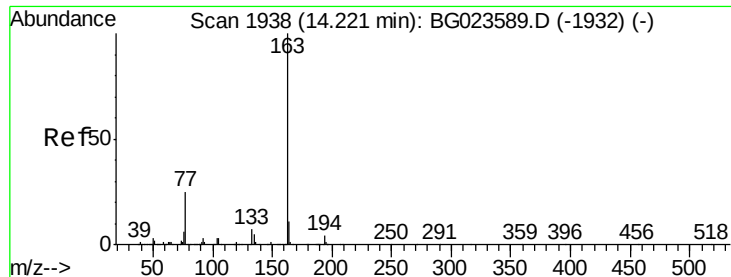
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 14.95 ng/ul

RT: 14.23 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG023592.D

Acq: 10 Aug 2016 15:01

Instrument :

BNA_G

ClientSampleId :

PR001-SS001-0002-01

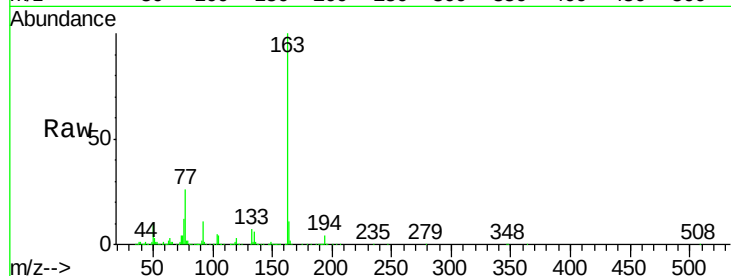
Tgt Ion:163 Resp: 588054

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

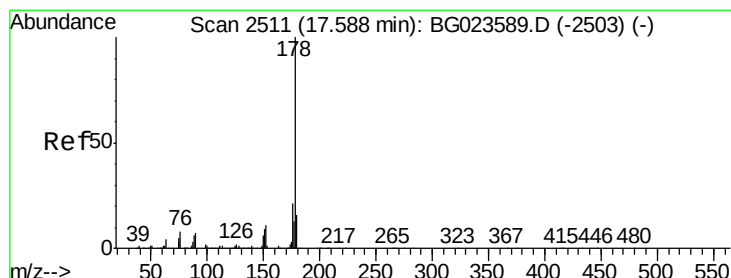
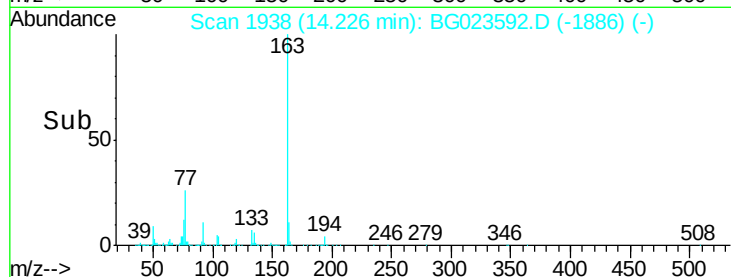
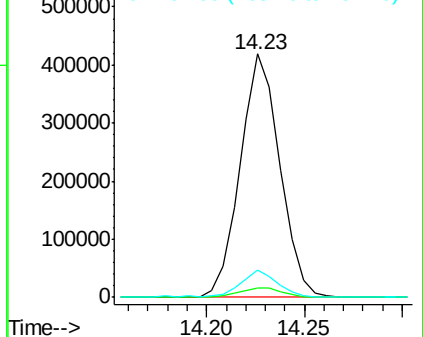
164 11.0 8.8 13.2



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: 6.61 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG023592.D

Acq: 10 Aug 2016 15:01

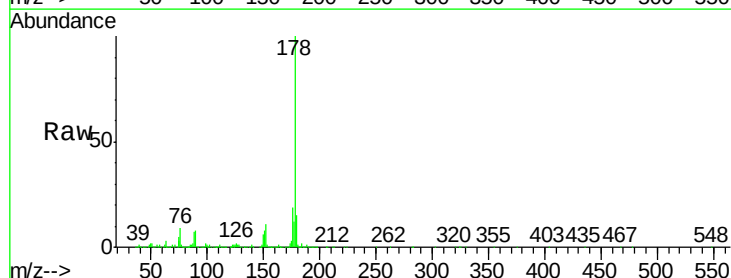
Tgt Ion:178 Resp: 397663

Ion Ratio Lower Upper

178 100

179 14.6 12.9 19.3

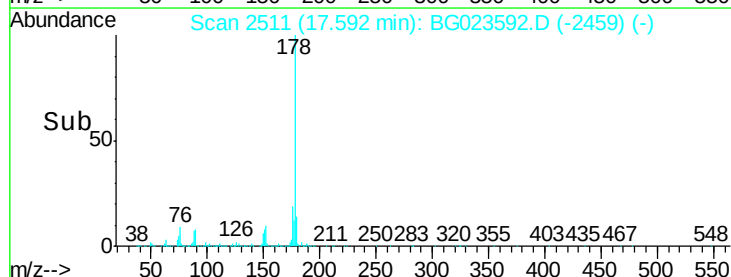
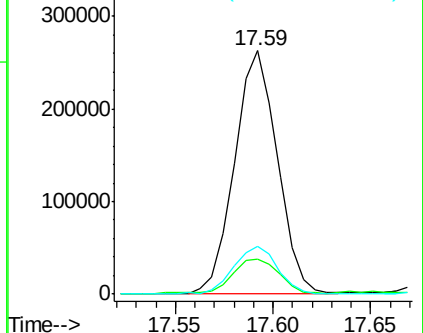
176 19.4 15.8 23.8

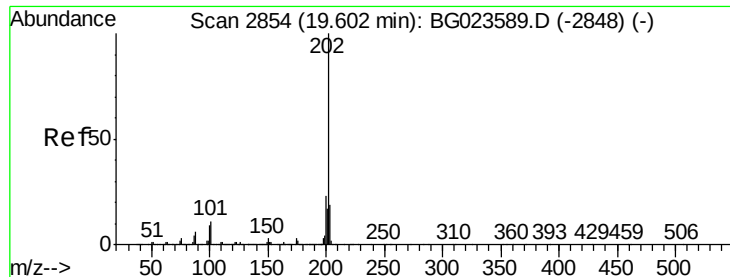


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

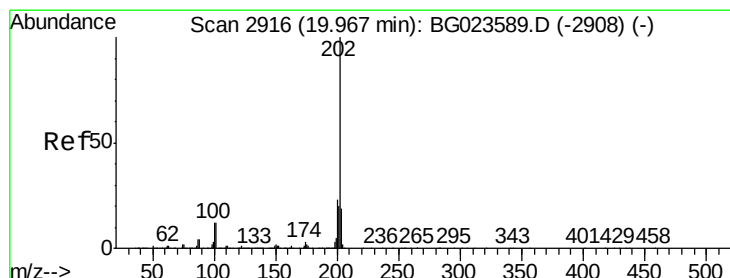
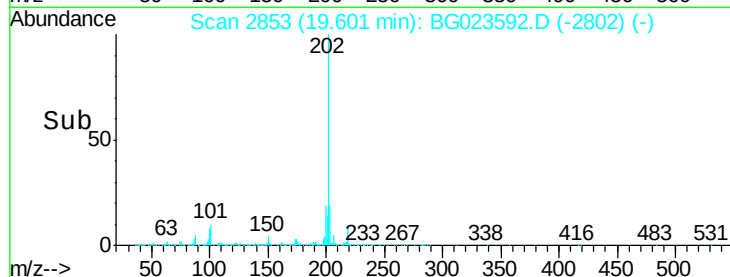
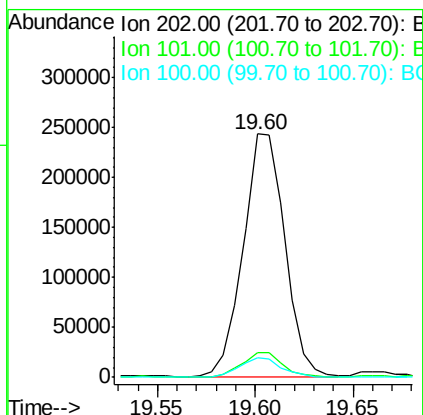
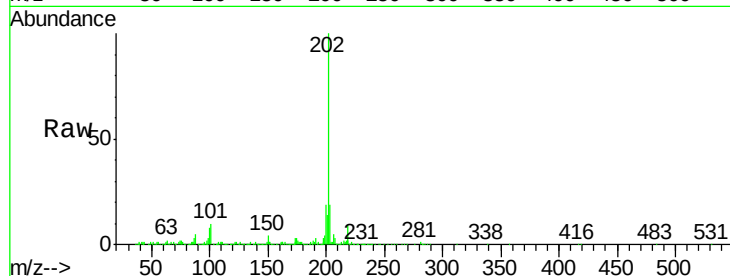




#74
Fluoranthene
Concen: 5.78 ng/ul
RT: 19.60 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG023592.D
Acq: 10 Aug 2016 15:01

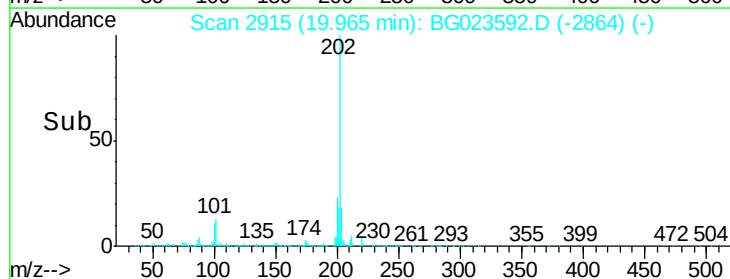
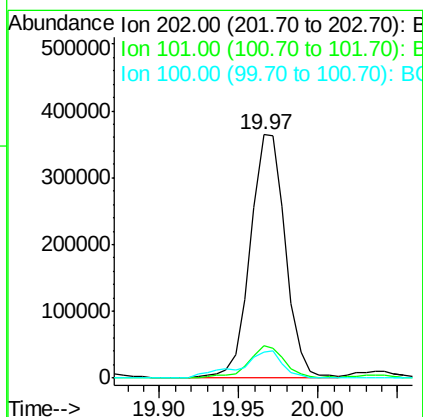
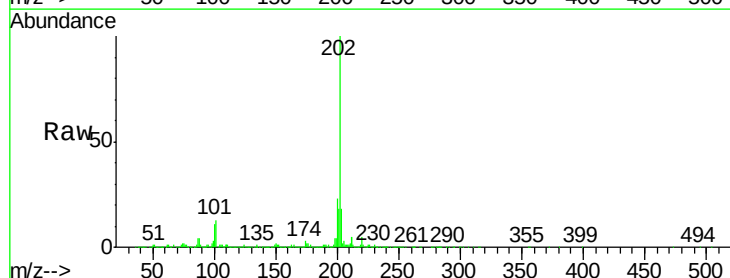
Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0002-01

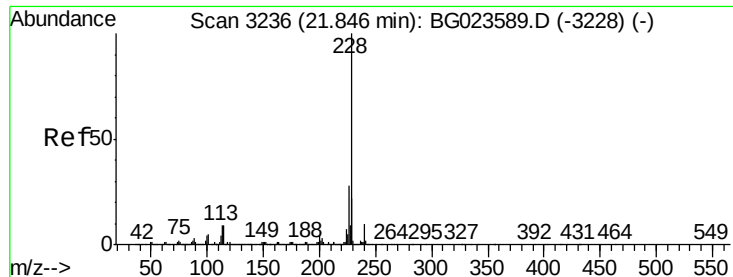
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	10.6	16.0#
100	8.2	8.7	13.1#



#77
Pyrene
Concen: 7.61 ng/ul
RT: 19.97 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG023592.D
Acq: 10 Aug 2016 15:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	12.5	18.7
100	10.9	10.2	15.4





#80

Benzo(a)anthracene

Concen: 3.00 ng/ul

RT: 21.85 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG023592.D

Acq: 10 Aug 2016 15:01

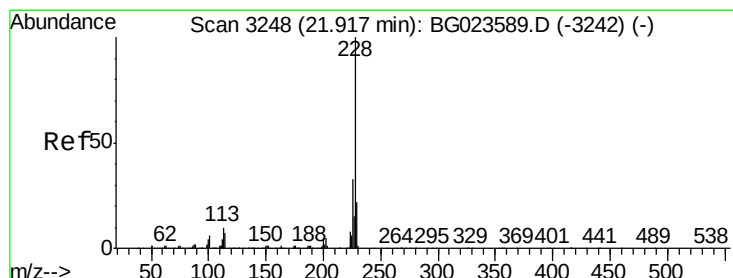
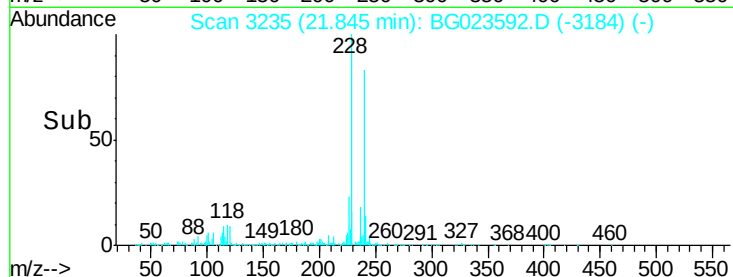
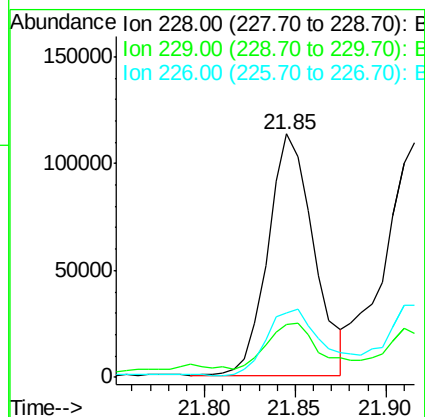
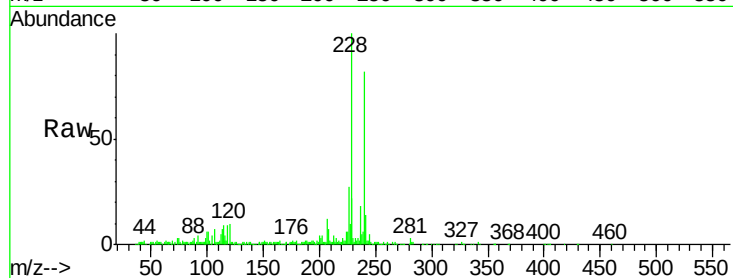
Instrument :

BNA_G

ClientSampleId :

PR001-SS001-0002-01

Tgt Ion:	228	Resp:	198434
Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.4	23.2
226	26.6	22.8	34.2



#82

Chrysene

Concen: 3.73 ng/ul

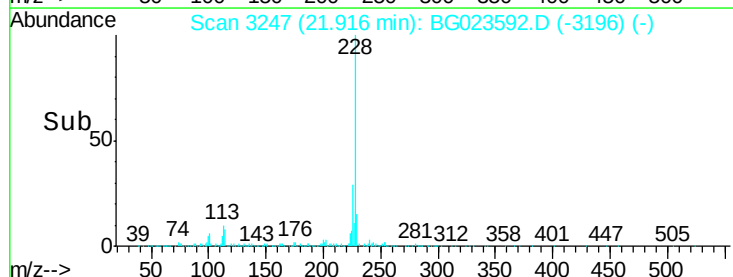
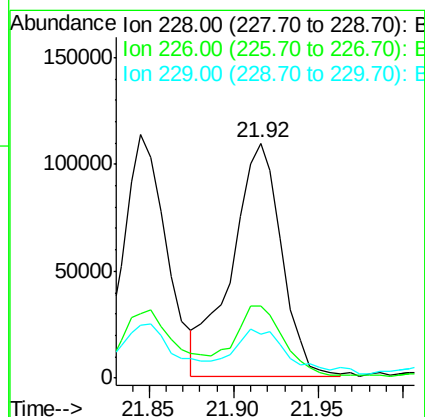
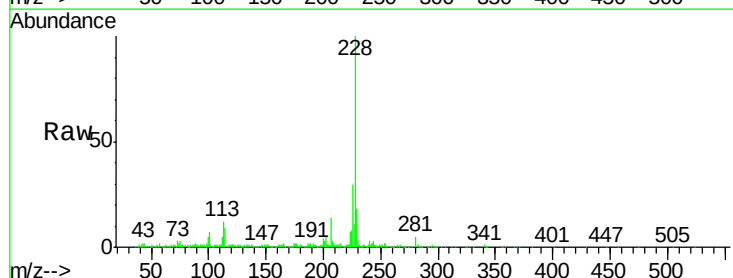
RT: 21.92 min Scan# 3247

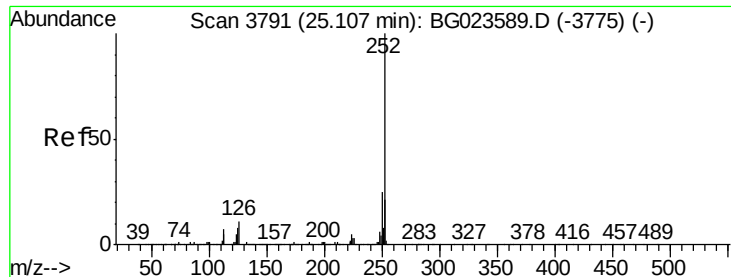
Delta R.T. -0.00 min

Lab File: BG023592.D

Acq: 10 Aug 2016 15:01

Tgt Ion:	228	Resp:	223938
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	18.5	15.0	22.6





#88

Benzo(a)pyrene

Concen: 1.50 ng/ul

RT: 24.94 min Scan# 3762

Delta R.T. -0.17 min

Lab File: BG023592.D

Acq: 10 Aug 2016 15:01

Instrument :

BNA_G

ClientSampleId :

PR001-SS001-0002-01

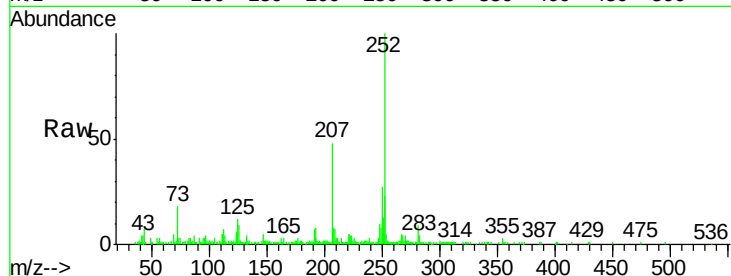
Tgt Ion:252 Resp: 96216

Ion Ratio Lower Upper

252 100

253 23.3 19.0 28.4

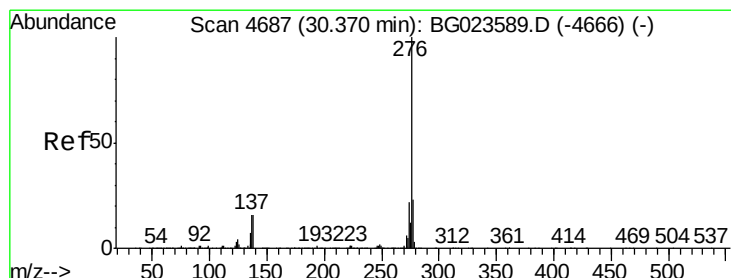
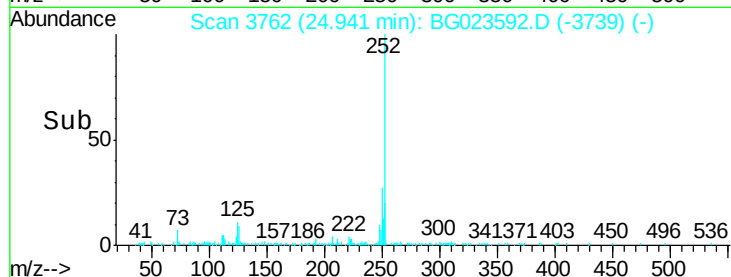
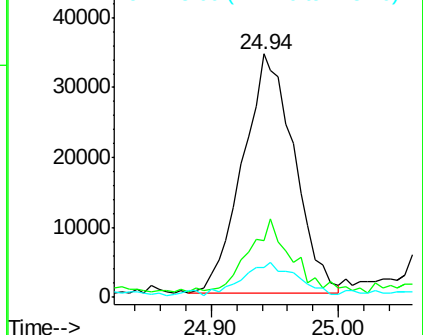
125 12.0 12.0 18.0



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



#91

Benzo(g,h,i)perylene

Concen: 1.22 ng/ul

RT: 30.37 min Scan# 4687

Delta R.T. 0.00 min

Lab File: BG023592.D

Acq: 10 Aug 2016 15:01

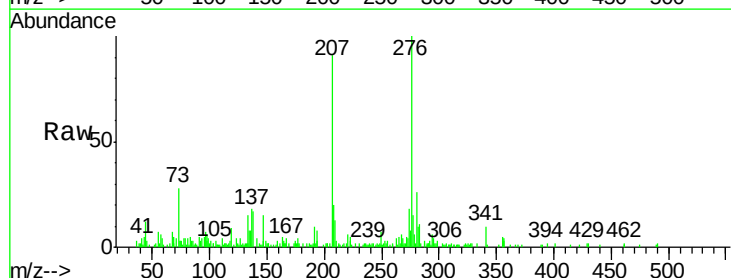
Tgt Ion:276 Resp: 76290

Ion Ratio Lower Upper

276 100

138 17.2 22.1 33.1#

277 14.5 17.0 25.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

