

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023660.D
 Acq On : 12 Aug 2016 17:47
 Operator : UM/SJ
 Sample : H4384-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS001-0612-01

Quant Time: Aug 13 03:20:23 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 03:19:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	135904	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.96	136	603785	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.79	164	427597	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.56	188	1024081	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1014045	20.00	ng/ul	-0.01
83) Perylene-d12	25.31	264	1042693	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.48	96	6803	2.13	ng/uL	0.00
5) Phenol-d5	7.27	99	183504	13.40	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	123757	14.11	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.64	132	130208	13.94	ng/ul	-0.02
13) 4-Methylphenol-d8	8.84	113	144129	13.48	ng/ul	-0.01
19) Nitrobenzene-d5	9.30	128	76126	16.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	86791	15.88	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.58	165	152347	14.78	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.10	131	163777	13.54	ng/ul	-0.01
43) Dimethylphthalate-d6	14.19	166	567531	16.21	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	656900	16.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	86547	14.48	ng/ul	0.00
57) Fluorene-d10	15.79	176	513880	15.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	86040	13.10	ng/ul	-0.01
70) Anthracene-d10	17.66	188	781715	16.94	ng/ul	0.00
76) Pyrene-d10	19.95	212	818515	15.95	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.07	264	798048	16.91	ng/ul	-0.02

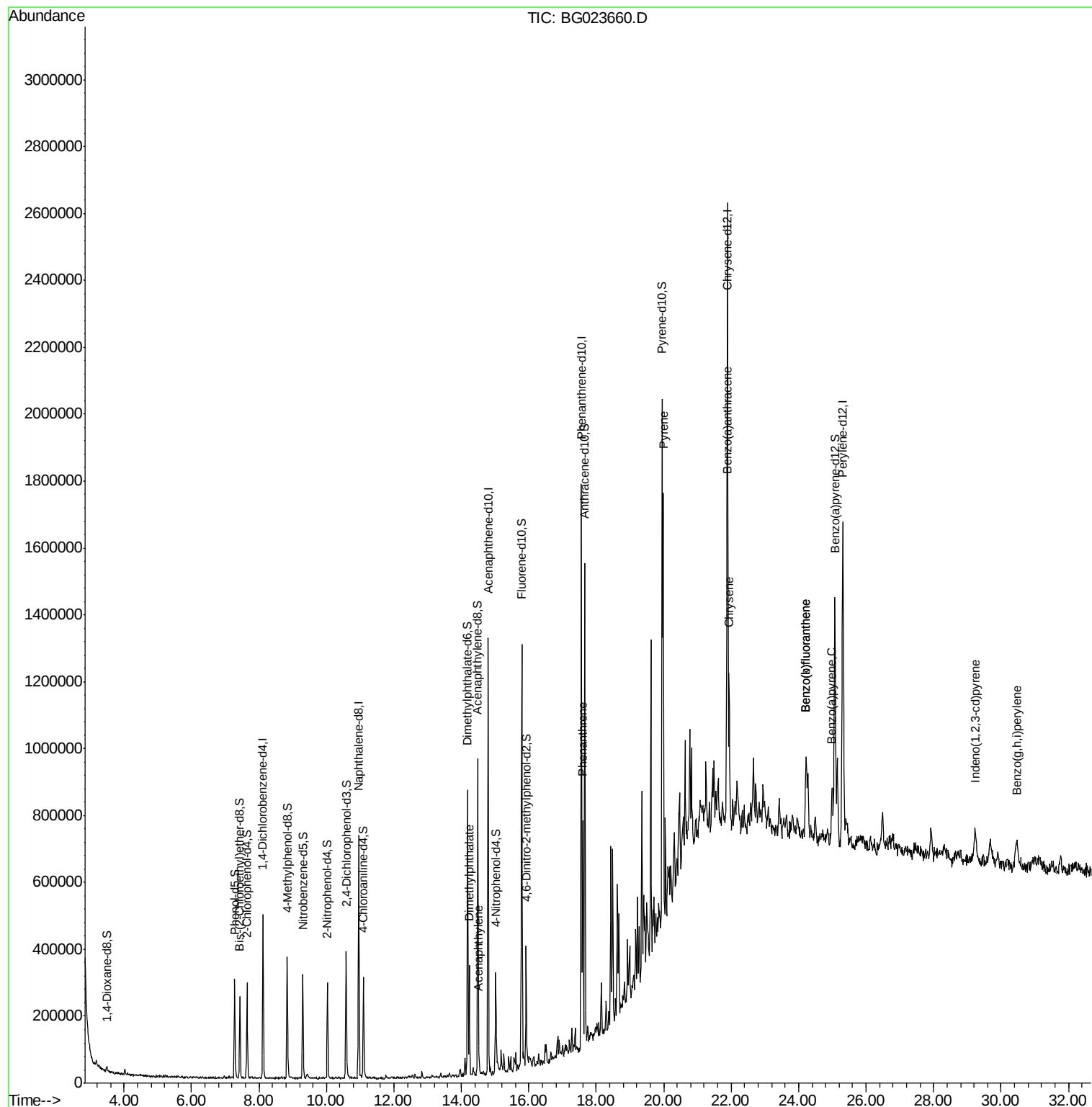
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	14.23	163	202428	5.84	ng/ul	99
47) Acenaphthylene	14.52	152	45128	1.10	ng/ul	94
69) Phenanthrene	17.60	178	402512	7.59	ng/ul	99
77) Pyrene	19.99	202	748432	11.94	ng/ul#	92
80) Benzo(a)anthracene	21.87	228	320334	5.61	ng/ul	96
82) Chrysene	21.94	228	354967	6.84	ng/ul#	95
85) Benzo(b)fluoranthene	24.21	252	307008	5.18	ng/ul#	94
86) Benzo(k)fluoranthene	24.21	252	307008	5.26	ng/ul#	90
88) Benzo(a)pyrene	24.99	252	192276	3.36	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.23	276	92918	1.38	ng/ul#	80
91) Benzo(g,h,i)perylene	30.45	276	172415	3.09	ng/ul#	85

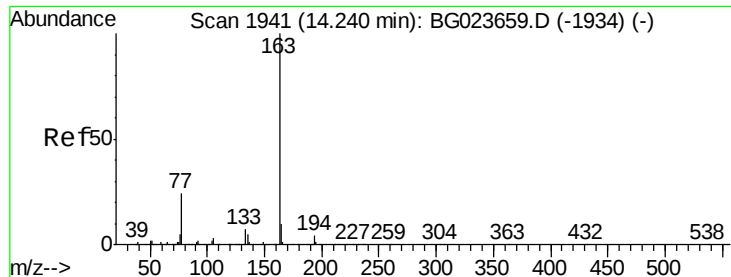
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 5.84 ng/ul

RT: 14.23 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023660.D

Acq: 12 Aug 2016 17:47

Instrument :

BNA_G

ClientSampleId :

P002-SS001-0612-01

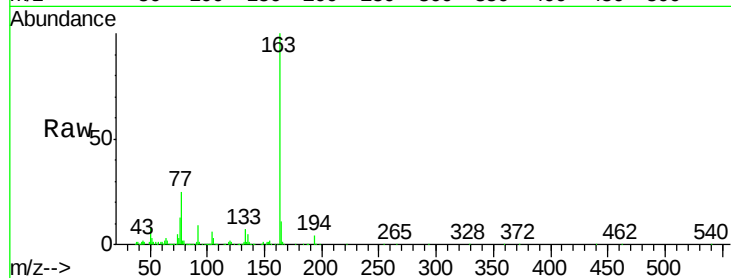
Tgt Ion:163 Resp: 202428

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

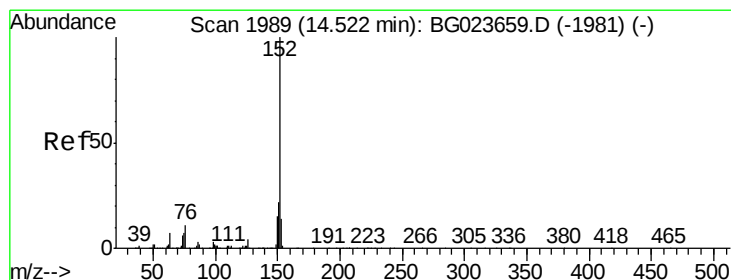
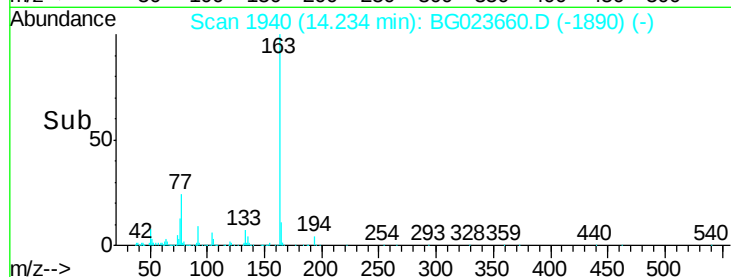
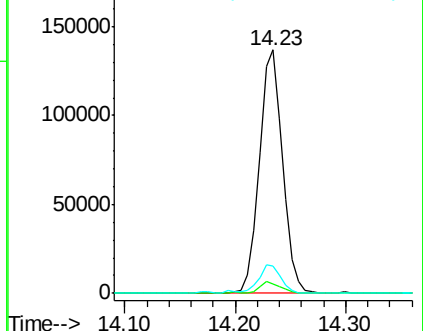
164 11.3 8.8 13.2



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



#47

Acenaphthylene

Concen: 1.10 ng/ul

RT: 14.52 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG023660.D

Acq: 12 Aug 2016 17:47

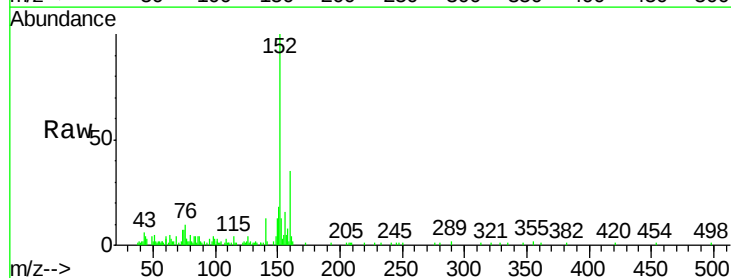
Tgt Ion:152 Resp: 45128

Ion Ratio Lower Upper

152 100

151 18.0 17.5 26.3

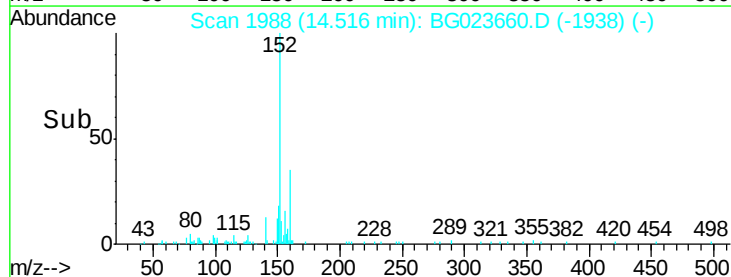
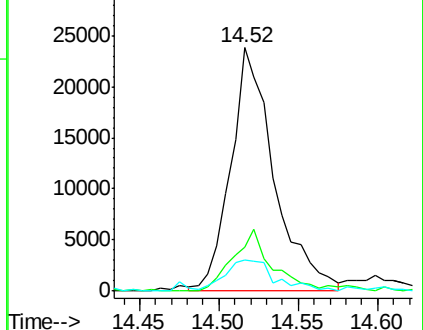
153 12.6 11.1 16.7

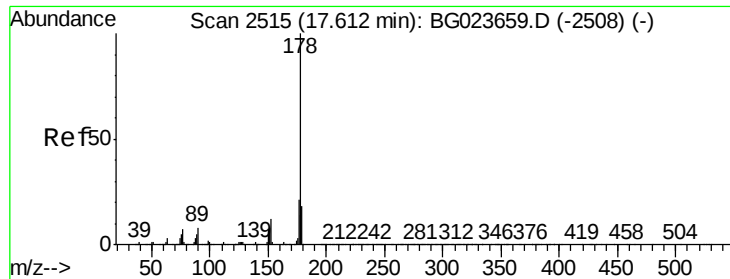


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 7.59 ng/ul

RT: 17.60 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BG023660.D

Acq: 12 Aug 2016 17:47

Instrument :

BNA_G

ClientSampleId :

P002-SS001-0612-01

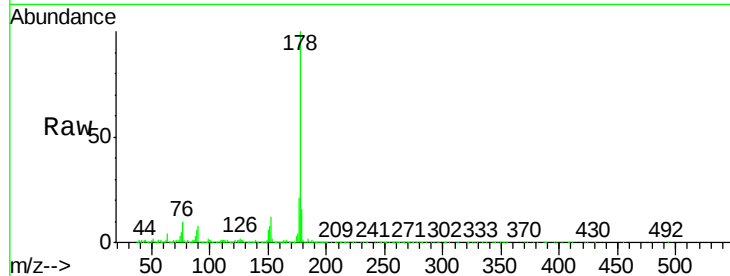
Tgt Ion:178 Resp: 402512

Ion Ratio Lower Upper

178 100

179 16.4 12.9 19.3

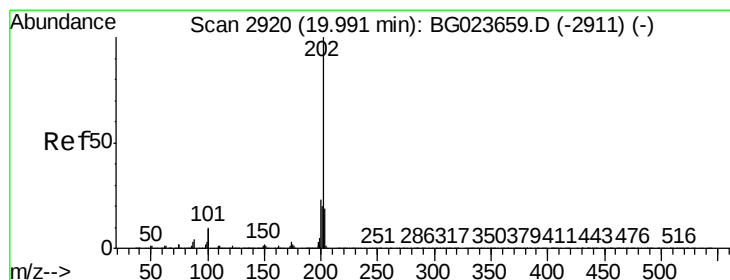
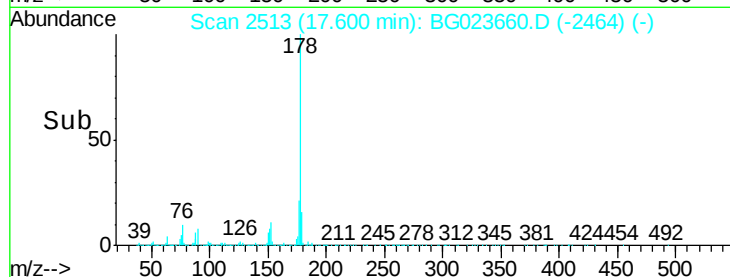
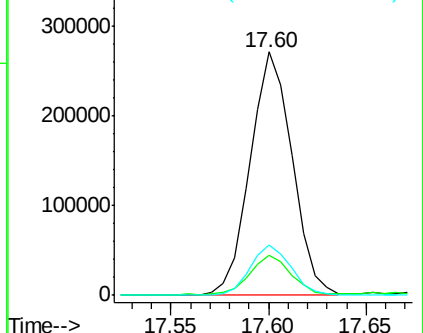
176 20.7 15.8 23.8



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



#77

Pyrene

Concen: 11.94 ng/ul

RT: 19.99 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BG023660.D

Acq: 12 Aug 2016 17:47

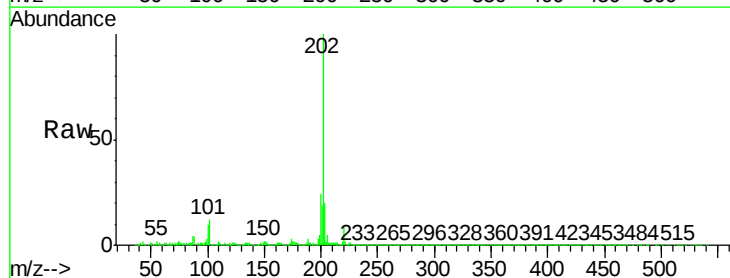
Tgt Ion:202 Resp: 748432

Ion Ratio Lower Upper

202 100

101 12.0 12.5 18.7#

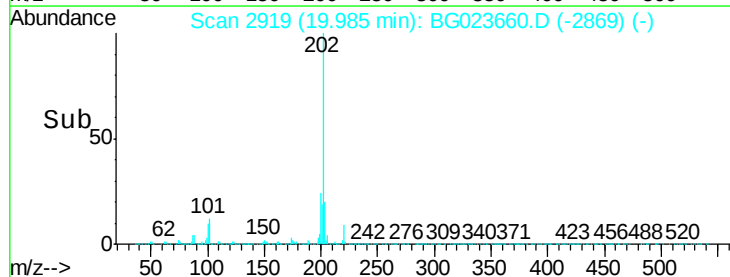
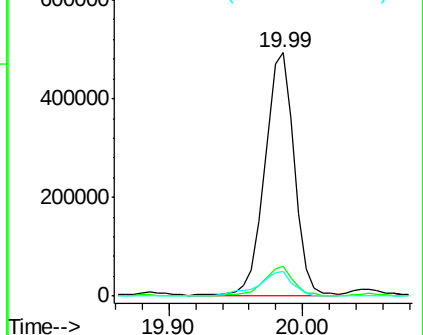
100 10.0 10.2 15.4#

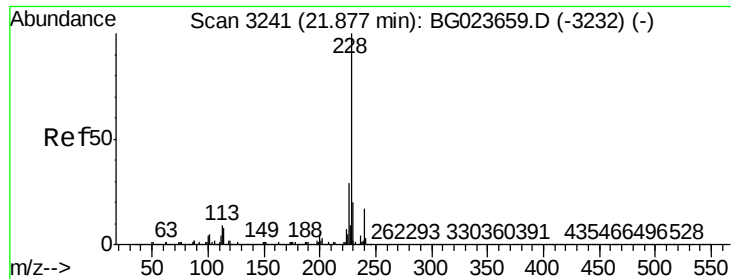


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 5.61 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BG023660.D

Acq: 12 Aug 2016 17:47

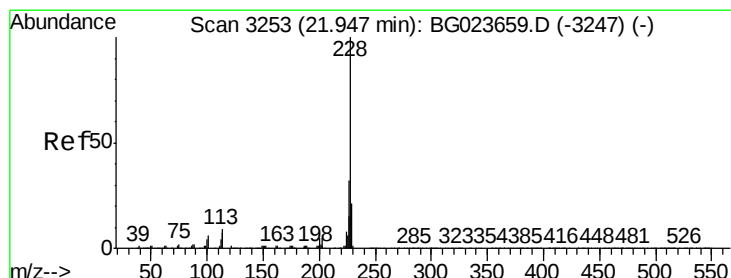
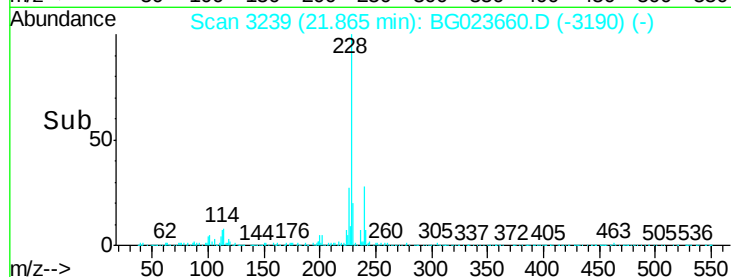
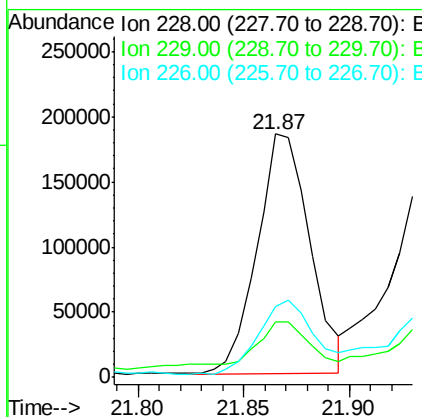
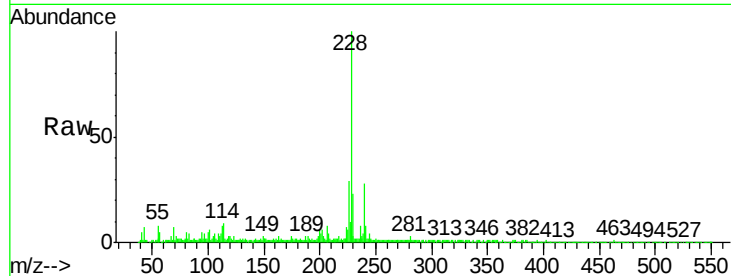
Instrument :

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Tgt Ion:	228	Resp:	320334
Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.4	23.2
226	29.2	22.8	34.2



#82

Chrysene

Concen: 6.84 ng/ul

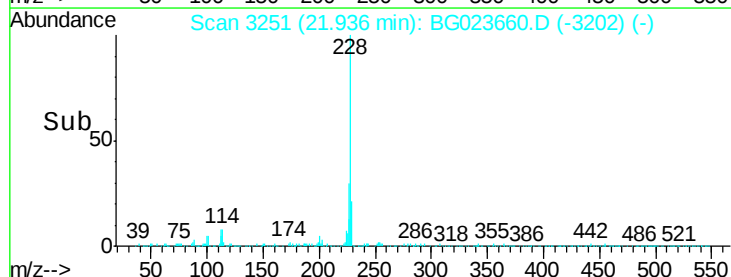
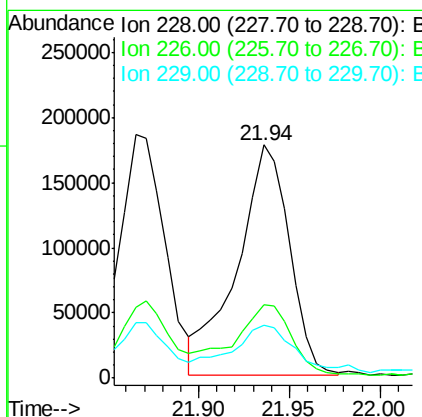
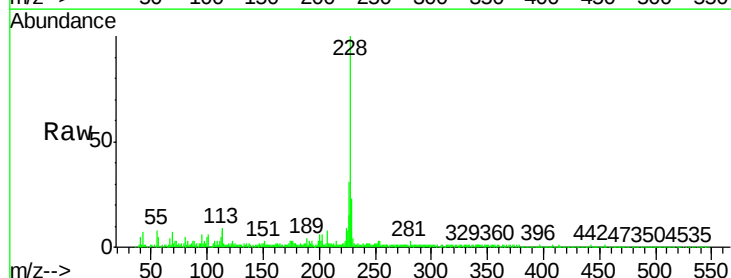
RT: 21.94 min Scan# 3251

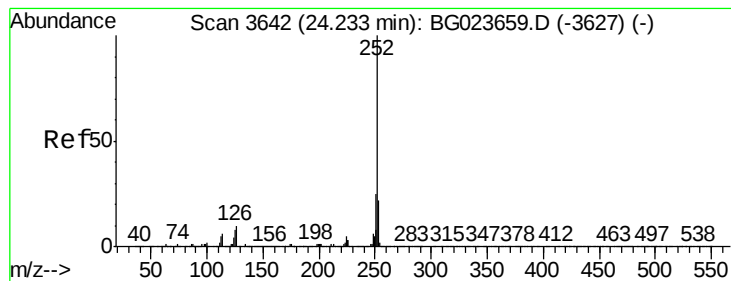
Delta R.T. -0.01 min

Lab File: BG023660.D

Acq: 12 Aug 2016 17:47

Tgt Ion:	228	Resp:	354967
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.4
229	22.9	15.0	22.6#





#85

Benzo(b)fluoranthene

Concen: 5.18 ng/ul

RT: 24.21 min Scan# 3639

Delta R.T. -0.02 min

Lab File: BG023660.D

Acq: 12 Aug 2016 17:47

Instrument :

BNA_G

ClientSampleId :

P002-SS001-0612-01

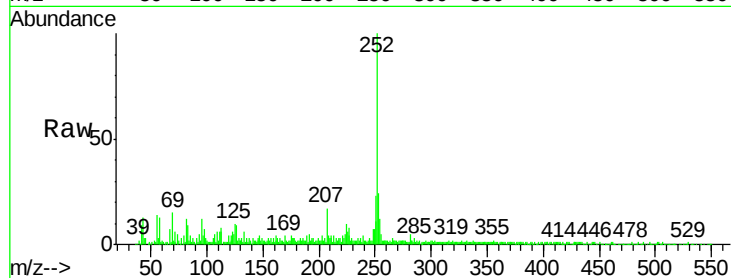
Tgt Ion:252 Resp: 307008

Ion Ratio Lower Upper

252 100

253 24.5 18.2 27.2

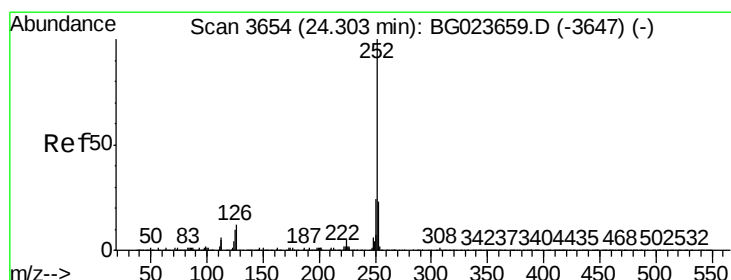
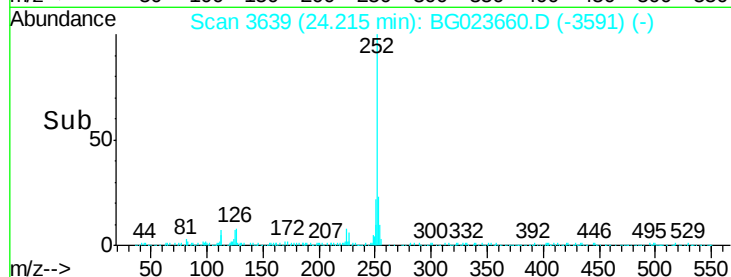
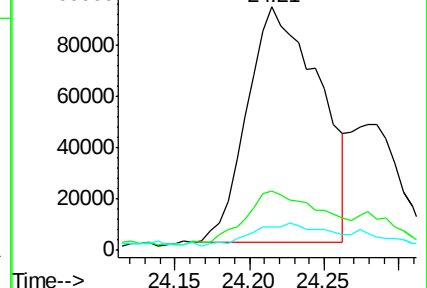
125 9.7 10.8 16.2#



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: 5.26 ng/ul

RT: 24.21 min Scan# 3639

Delta R.T. -0.09 min

Lab File: BG023660.D

Acq: 12 Aug 2016 17:47

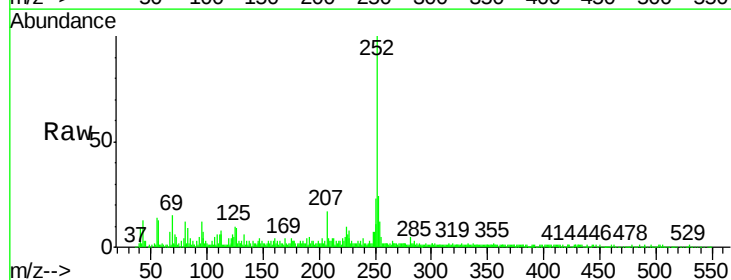
Tgt Ion:252 Resp: 307008

Ion Ratio Lower Upper

252 100

253 24.5 15.8 23.6#

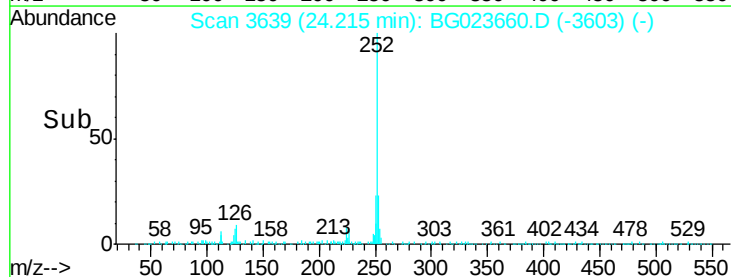
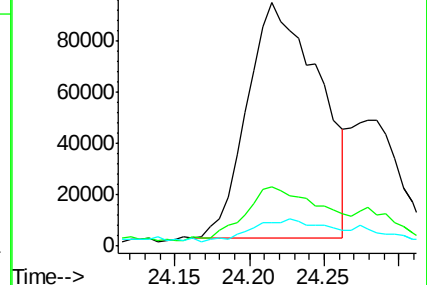
125 9.7 10.6 16.0#

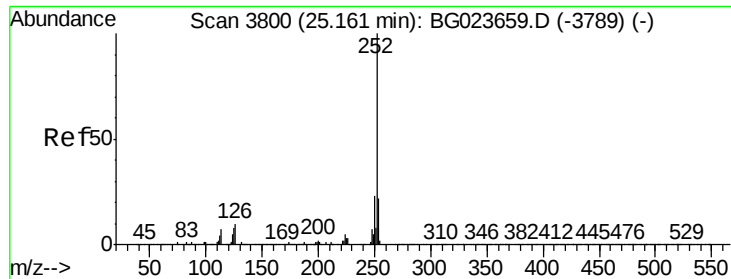


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 3.36 ng/ul

RT: 24.99 min Scan# 3771

Delta R.T. -0.17 min

Lab File: BG023660.D

Acq: 12 Aug 2016 17:47

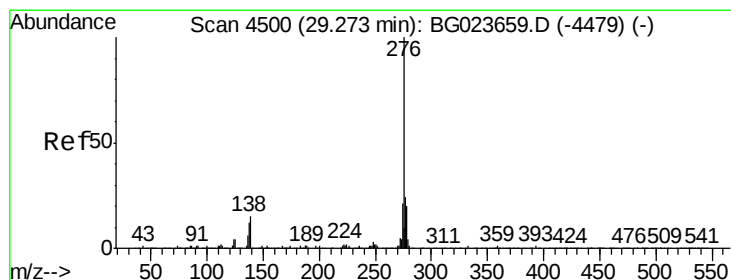
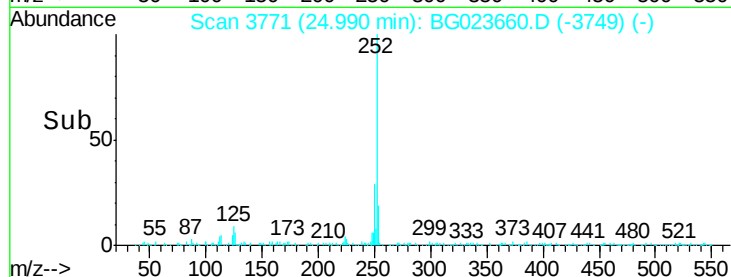
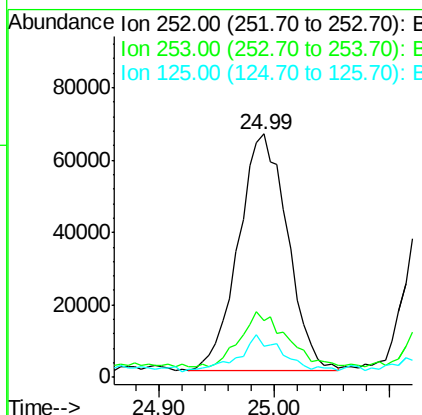
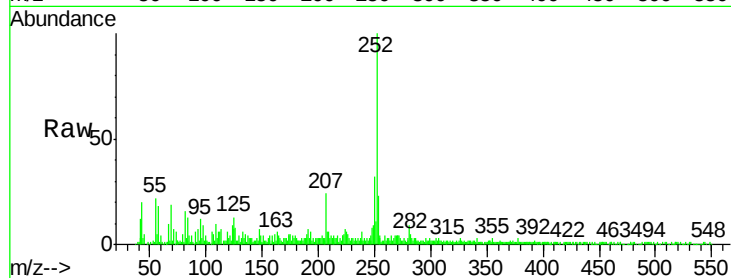
Instrument :

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Tgt Ion:	252	Resp:	192276
Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.4
125	12.7	12.0	18.0



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.38 ng/ul

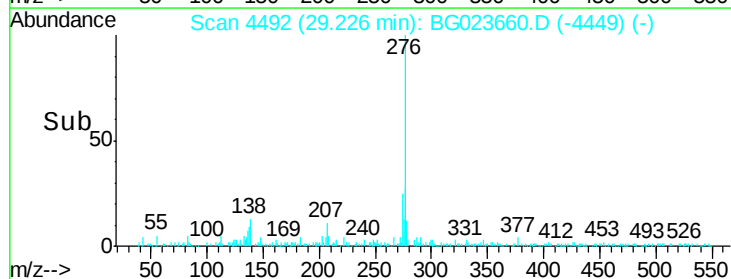
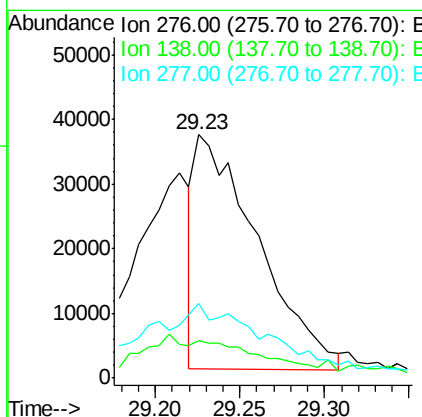
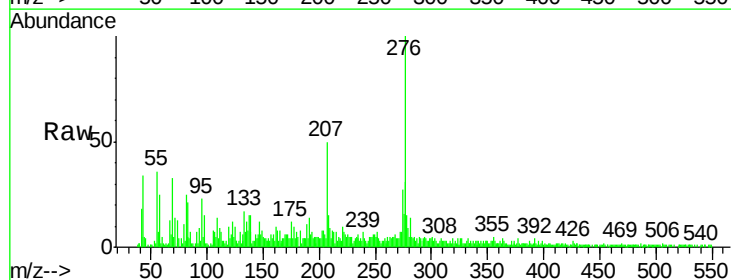
RT: 29.23 min Scan# 4492

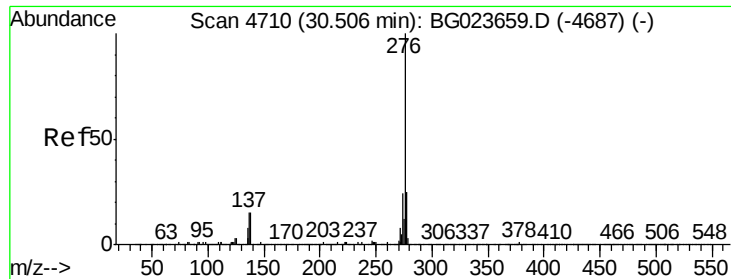
Delta R.T. -0.05 min

Lab File: BG023660.D

Acq: 12 Aug 2016 17:47

Tgt Ion:	276	Resp:	92918
Ion	Ratio	Lower	Upper
276	100		
138	15.4	20.8	31.2#
277	30.7	17.6	26.4#





#91

Benzo(g,h,i)perylene

Concen: 3.09 ng/ul

RT: 30.45 min Scan# 4701

Delta R.T. -0.05 min

Lab File: BG023660.D

Acq: 12 Aug 2016 17:47

Instrument :

BNA_G

ClientSampleId :

P002-SS001-0612-01

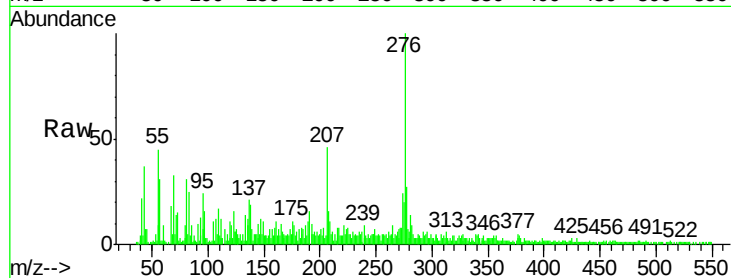
Tgt Ion:276 Resp: 172415

Ion Ratio Lower Upper

276 100

138 18.8 22.1 33.1#

277 27.4 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

