

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023665.D
 Acq On : 12 Aug 2016 20:57
 Operator : UM/SJ
 Sample : H4385-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P003-SS001-0612-01

Quant Time: Aug 13 03:21:26 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	8.11	152	128272	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	593613	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	422603	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.55	188	1001636	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	964388	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	969771	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	9176	3.04	ng/uL	0.00
5) Phenol-d5	7.27	99	227868	17.63	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.49	67	285	0.03	ng/ul	0.04
9) 2-Chlorophenol-d4	7.64	132	165575	18.78	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	178274	17.67	ng/ul	-0.02
19) Nitrobenzene-d5	9.30	128	85828	18.34	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	106535	19.82	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	193074	19.05	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	233568	19.64	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	680697	19.67	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	791193	20.32	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	120577	20.41	ng/ul	-0.01
57) Fluorene-d10	15.79	176	627306	19.62	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	106325	16.55	ng/ul	-0.02
70) Anthracene-d10	17.65	188	950163	21.06	ng/ul	-0.01
76) Pyrene-d10	19.95	212	965246	19.77	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.05	264	916198	20.87	ng/ul	-0.04

Target Compounds

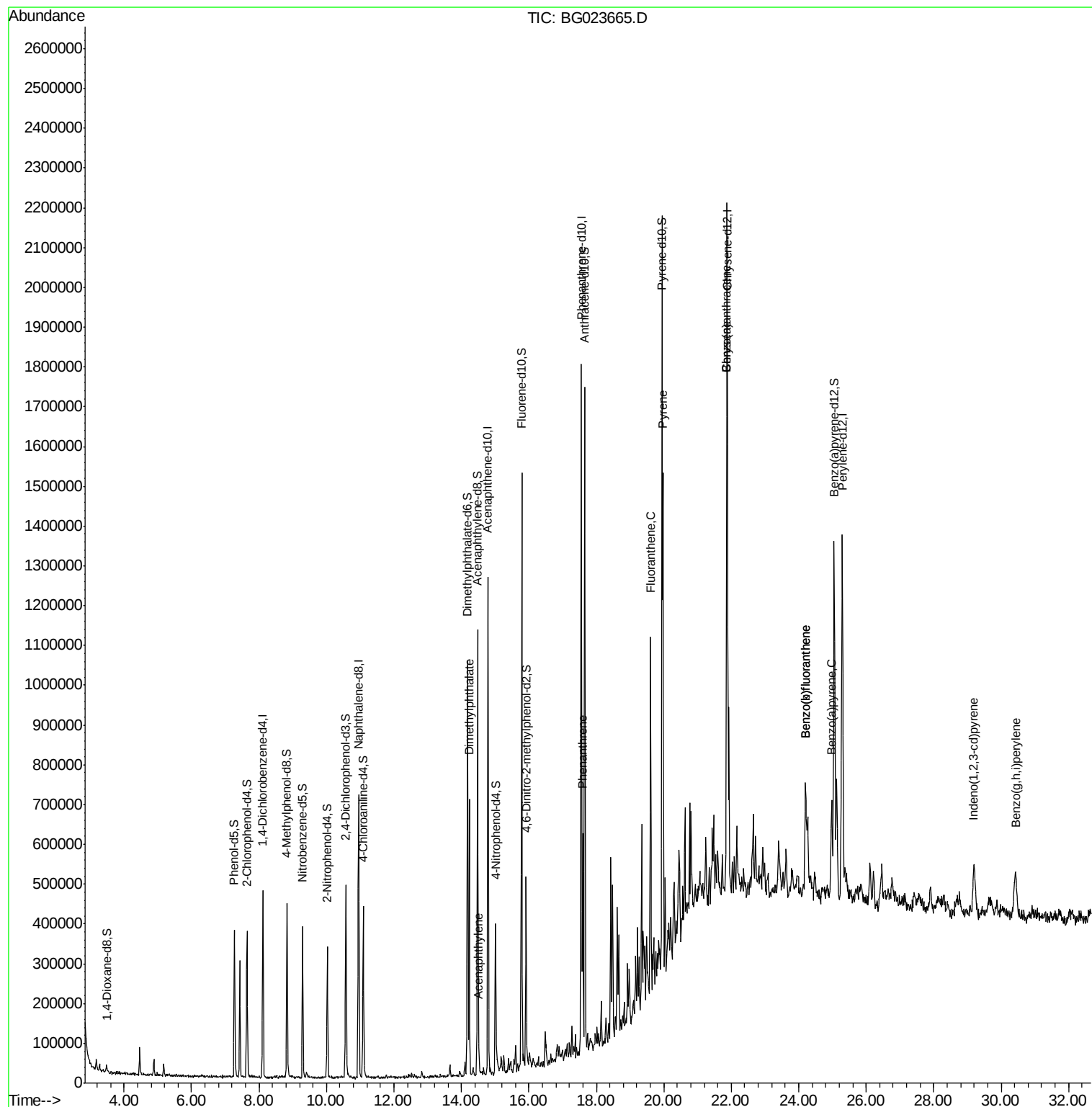
						Qvalue
44) Dimethylphthalate	14.23	163	430530	12.57	ng/ul	98
47) Acenaphthylene	14.52	152	42532	1.04	ng/ul	97
69) Phenanthrene	17.60	178	329255	6.35	ng/ul	98
74) Fluoranthene	19.61	202	517145	9.74	ng/ul#	90
77) Pyrene	19.98	202	697042	11.69	ng/ul	95
80) Benzo(a)anthracene	21.86	228	301953	5.56	ng/ul	99
82) Chrysene	21.86	228	304279	6.16	ng/ul	97
85) Benzo(b)fluoranthene	24.20	252	338551	6.14	ng/ul#	95
86) Benzo(k)fluoranthene	24.20	252	338551	6.23	ng/ul#	92
88) Benzo(a)pyrene	24.97	252	268262	5.04	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.19	276	94490	1.51	ng/ul#	85
91) Benzo(g,h,i)perylene	30.42	276	220651	4.25	ng/ul#	88

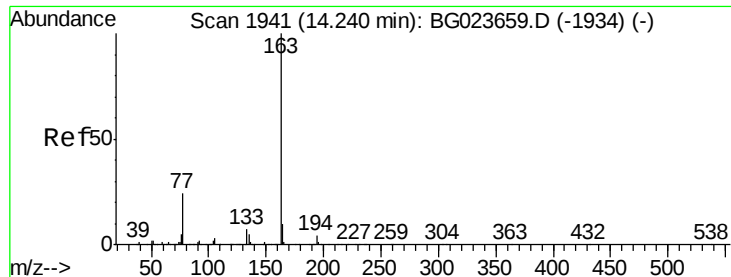
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 12.57 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG023665.D

Acq: 12 Aug 2016 20:57

Instrument :

BNA_G

ClientSampleId :

P003-SS001-0612-01

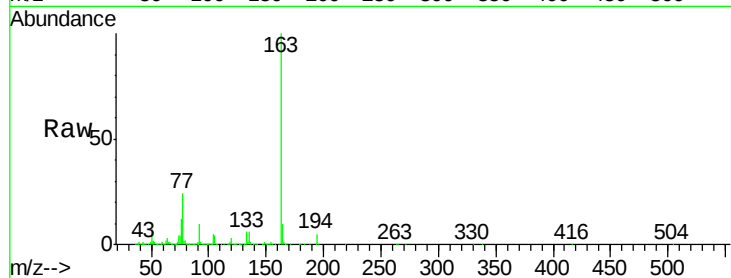
Tgt Ion:163 Resp: 430530

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

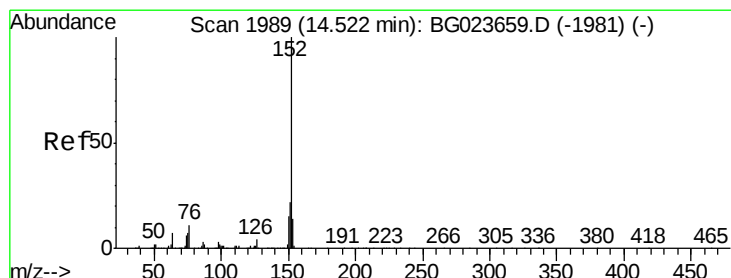
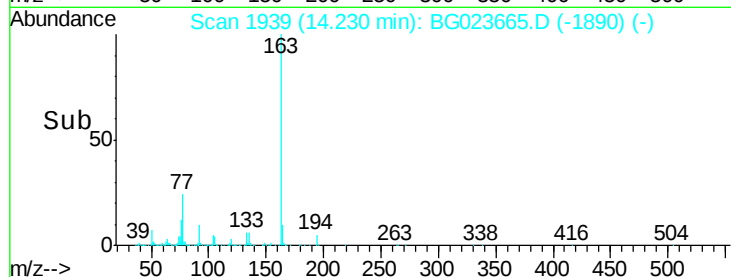
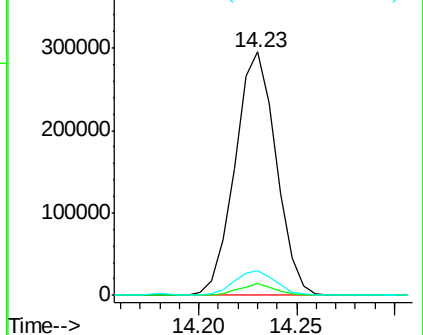
164 10.3 8.8 13.2



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: 1.04 ng/ul

RT: 14.52 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG023665.D

Acq: 12 Aug 2016 20:57

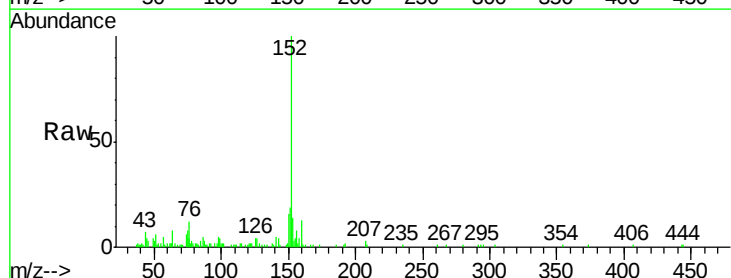
Tgt Ion:152 Resp: 42532

Ion Ratio Lower Upper

152 100

151 19.5 17.5 26.3

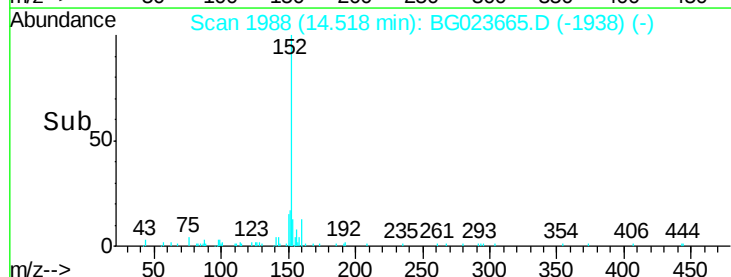
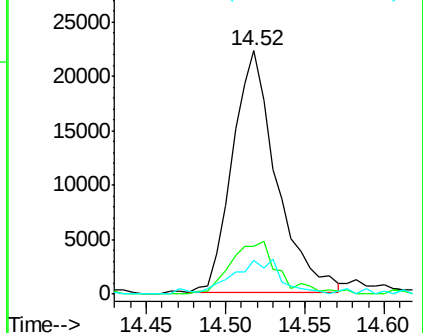
153 13.7 11.1 16.7

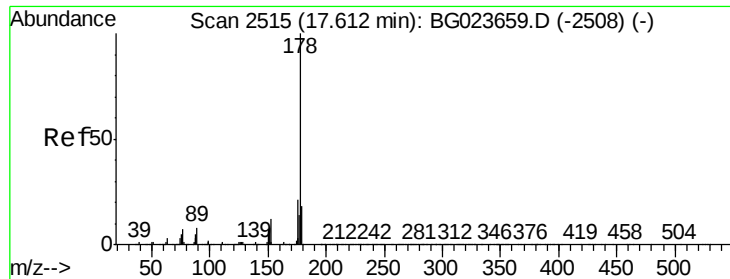


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 6.35 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.02 min

Lab File: BG023665.D

Acq: 12 Aug 2016 20:57

Instrument :

BNA_G

ClientSampleId :

P003-SS001-0612-01

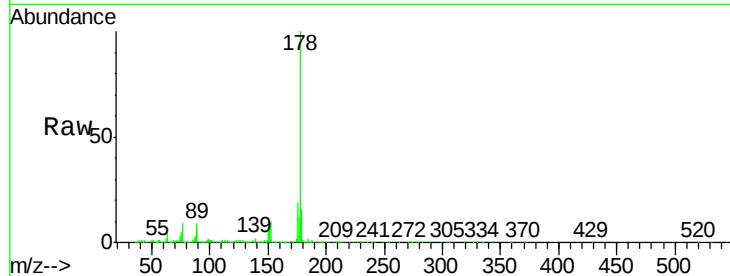
Tgt Ion:178 Resp: 329255

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

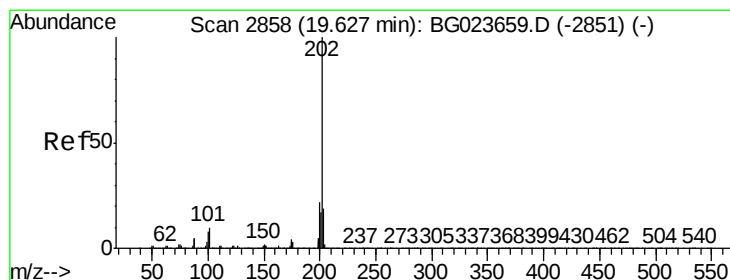
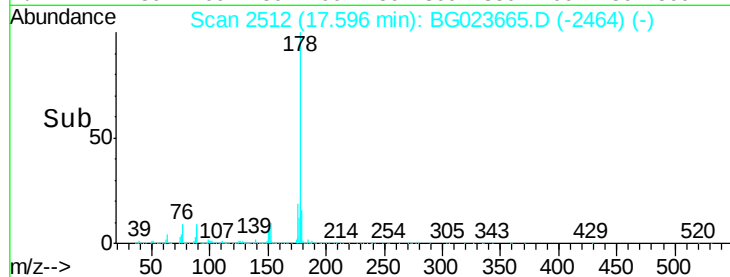
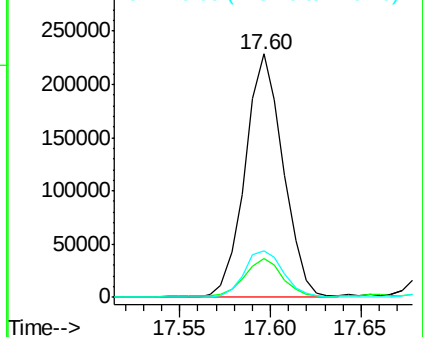
176 18.9 15.8 23.8



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: 9.74 ng/ul

RT: 19.61 min Scan# 2855

Delta R.T. -0.02 min

Lab File: BG023665.D

Acq: 12 Aug 2016 20:57

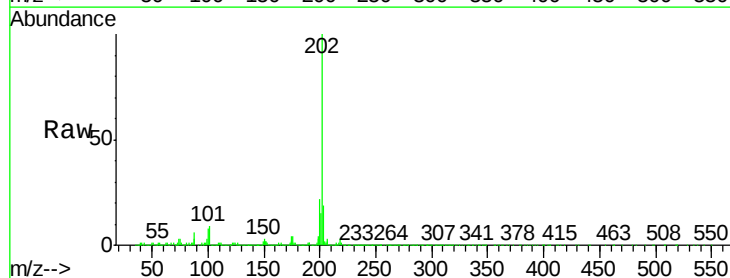
Tgt Ion:202 Resp: 517145

Ion Ratio Lower Upper

202 100

101 8.8 10.6 16.0#

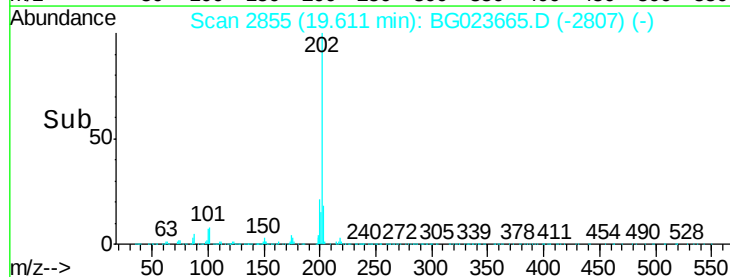
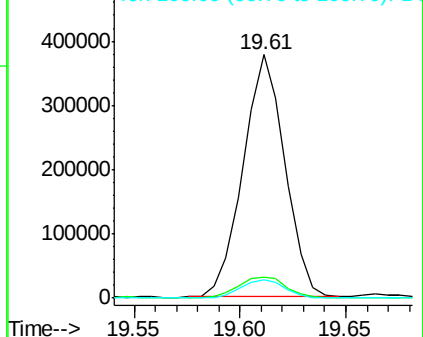
100 7.5 8.7 13.1#

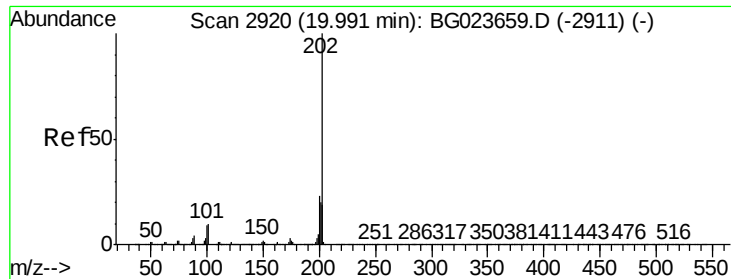


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

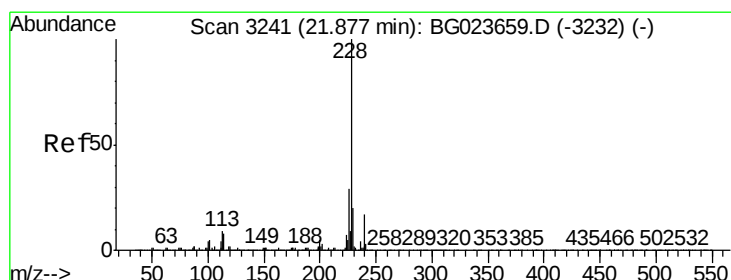
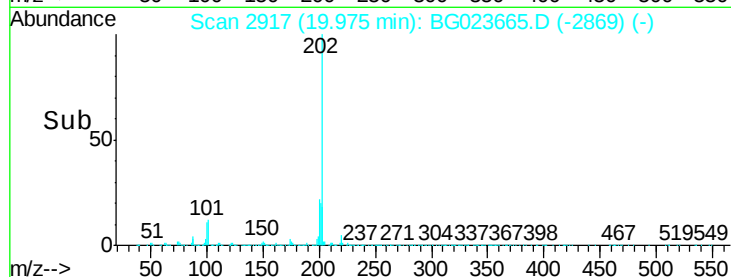
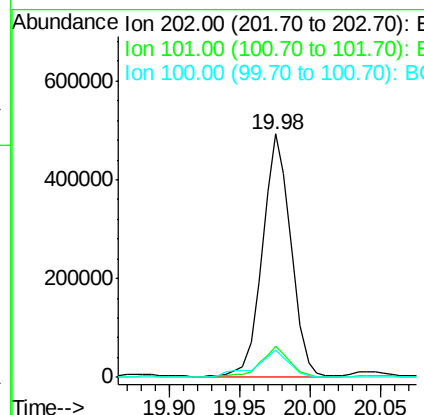
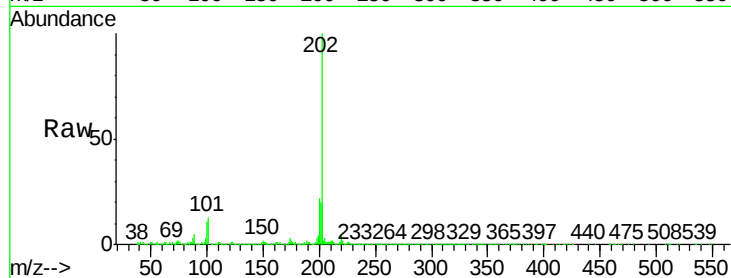




#77
 Pyrene
 Concen: 11.69 ng/ul
 RT: 19.98 min Scan# 2917
 Delta R.T. -0.02 min
 Lab File: BG023665.D
 Acq: 12 Aug 2016 20:57

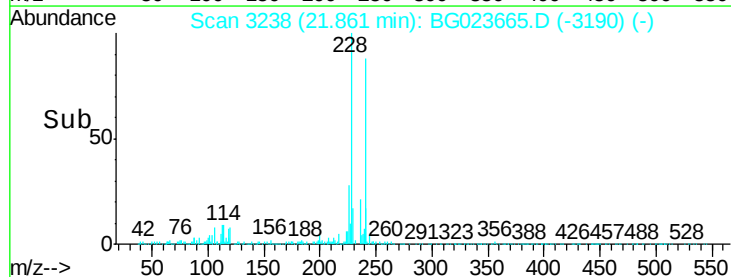
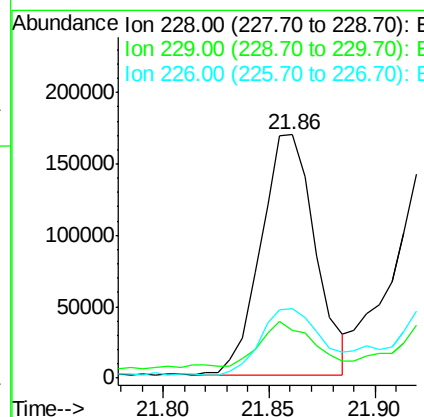
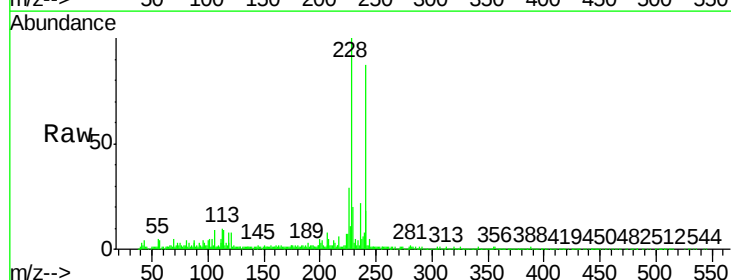
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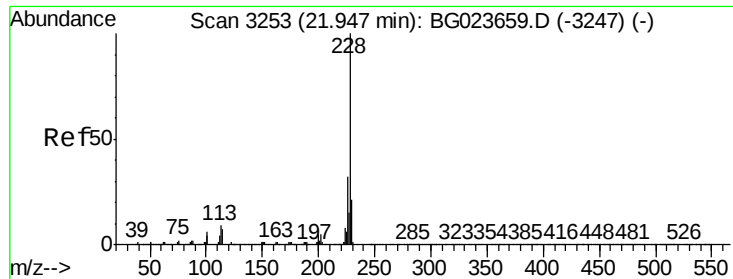
Tgt Ion:	202	Resp:	697042
Ion Ratio	Lower	Upper	
202	100		
101	12.6	12.5	18.7
100	11.5	10.2	15.4



#80
 Benzo(a)anthracene
 Concen: 5.56 ng/ul
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.02 min
 Lab File: BG023665.D
 Acq: 12 Aug 2016 20:57

Tgt Ion:	228	Resp:	301953
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.4	23.2
226	28.6	22.8	34.2





#82

Chrysene

Concen: 6.16 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. -0.09 min

Lab File: BG023665.D

Acq: 12 Aug 2016 20:57

Instrument :

BNA_G

ClientSampleId :

P003-SS001-0612-01

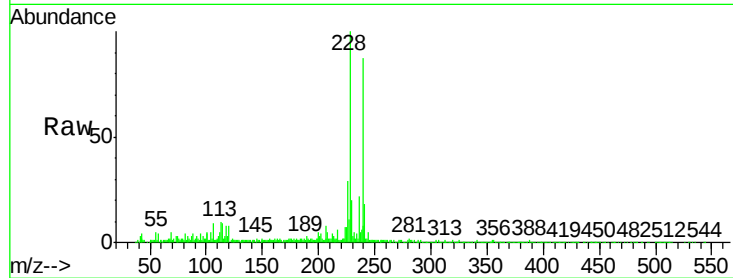
Tgt Ion:228 Resp: 304279

Ion Ratio Lower Upper

228 100

226 28.6 24.2 36.4

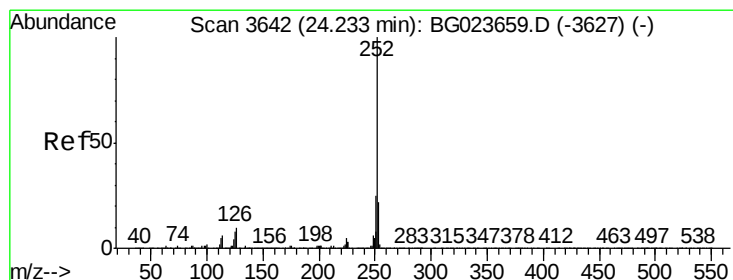
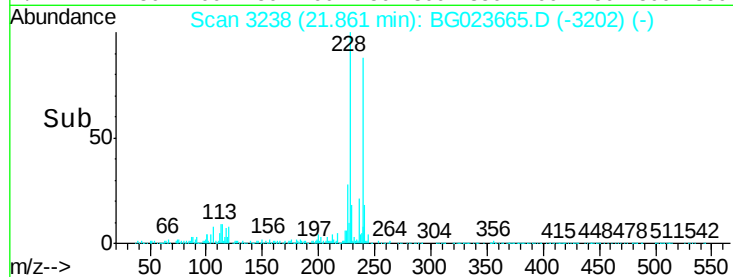
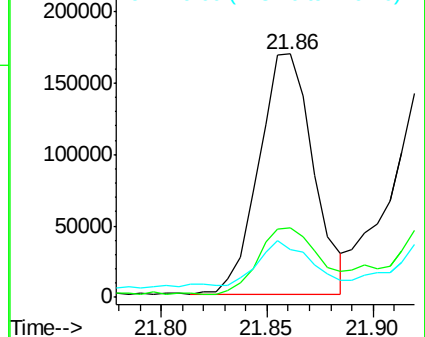
229 19.7 15.0 22.6



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: 6.14 ng/ul

RT: 24.20 min Scan# 3636

Delta R.T. -0.03 min

Lab File: BG023665.D

Acq: 12 Aug 2016 20:57

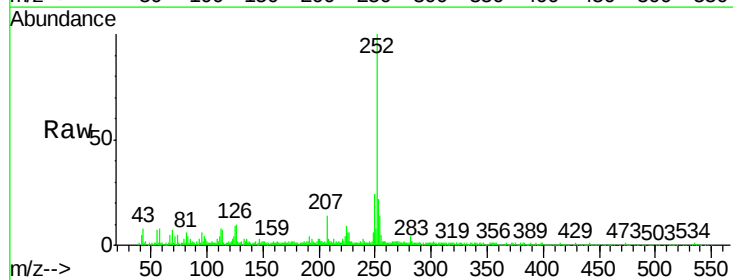
Tgt Ion:252 Resp: 338551

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

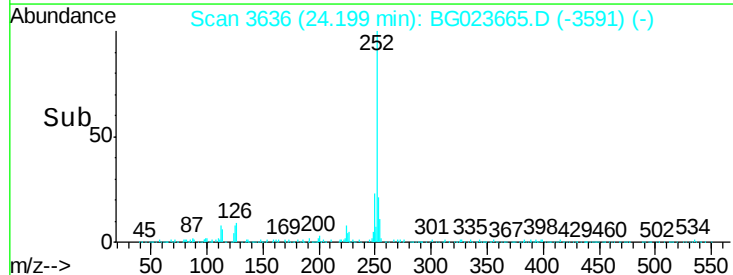
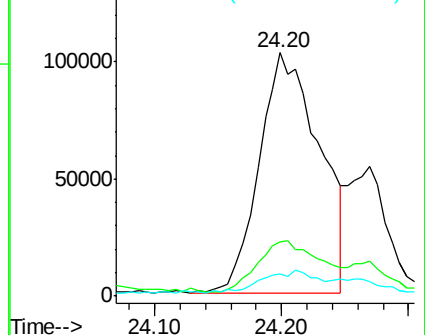
125 8.9 10.8 16.2#

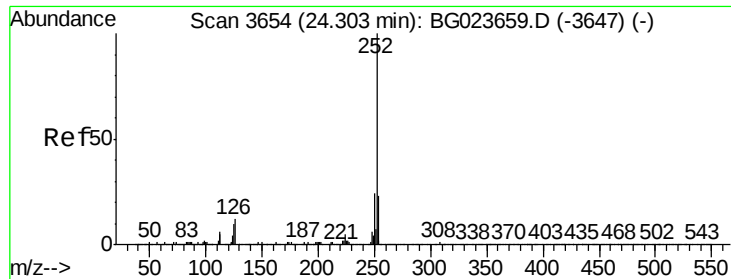


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

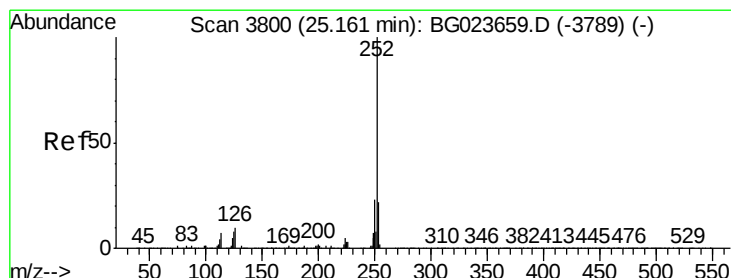
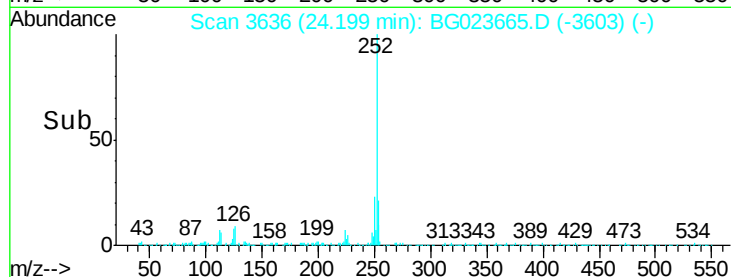
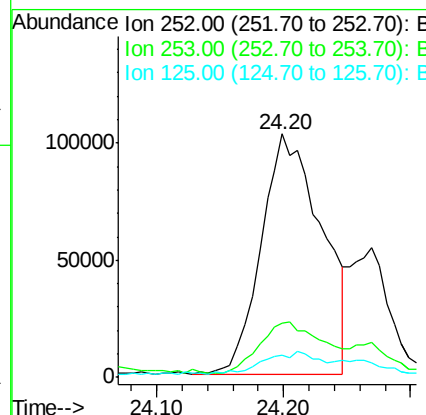
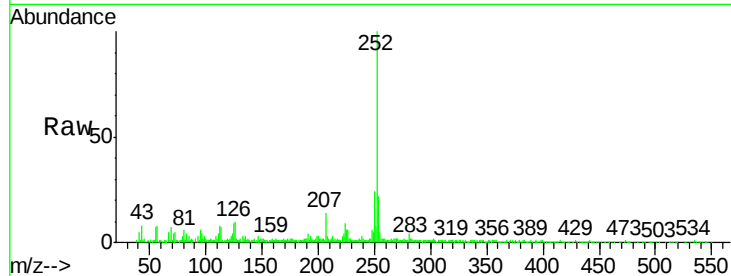




#86
Benzo(k)fluoranthene
Concen: 6.23 ng/u1
RT: 24.20 min Scan# 3636
Delta R.T. -0.10 min
Lab File: BG023665.D
Acq: 12 Aug 2016 20:57

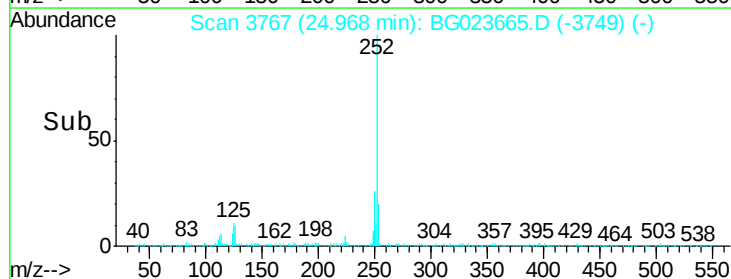
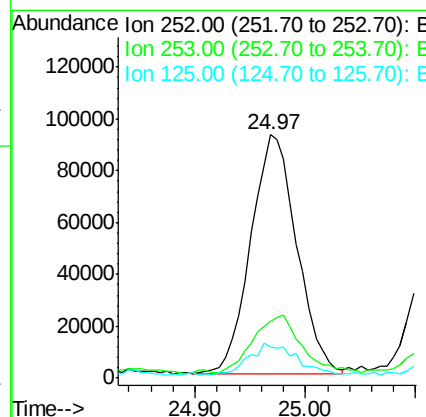
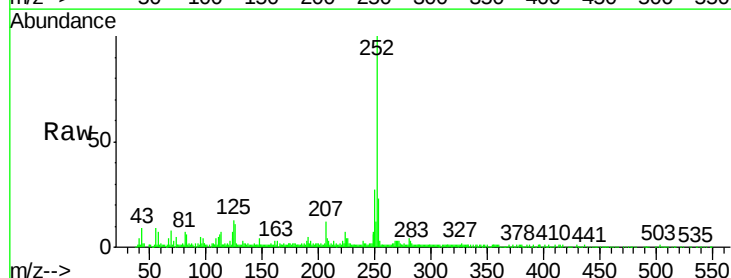
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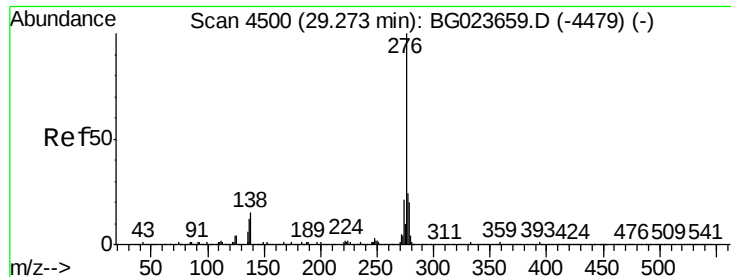
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	15.8	23.6
125	8.9	10.6	16.0



#88
Benzo(a)pyrene
Concen: 5.04 ng/u1
RT: 24.97 min Scan# 3767
Delta R.T. -0.19 min
Lab File: BG023665.D
Acq: 12 Aug 2016 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.4
125	12.9	12.0	18.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.51 ng/ul

RT: 29.19 min Scan# 4485

Delta R.T. -0.09 min

Lab File: BG023665.D

Acq: 12 Aug 2016 20:57

Instrument :

BNA_G

ClientSampleId :

P003-SS001-0612-01

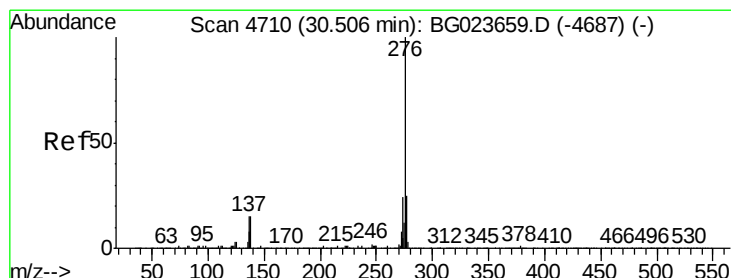
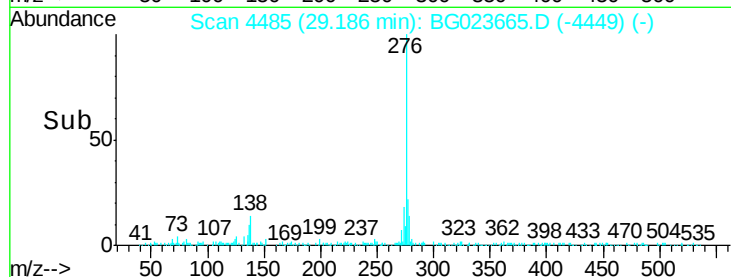
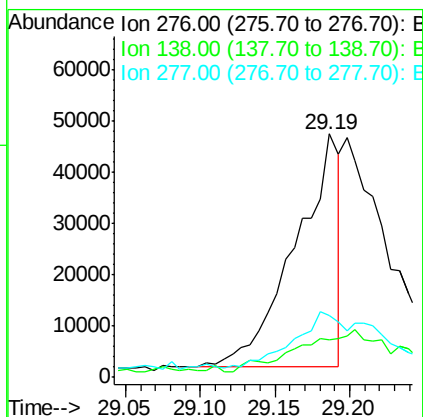
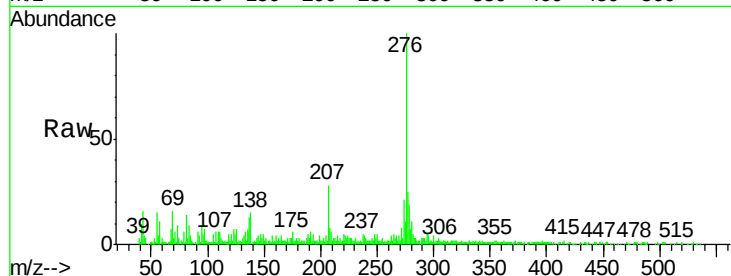
Tgt Ion:276 Resp: 94490

Ion Ratio Lower Upper

276 100

138 15.2 20.8 31.2#

277 25.3 17.6 26.4



#91

Benzo(g,h,i)perylene

Concen: 4.25 ng/ul

RT: 30.42 min Scan# 4695

Delta R.T. -0.09 min

Lab File: BG023665.D

Acq: 12 Aug 2016 20:57

Tgt Ion:276 Resp: 220651

Ion Ratio Lower Upper

276 100

138 17.1 22.1 33.1#

277 22.1 17.0 25.4

