

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023666.D
 Acq On : 12 Aug 2016 21:35
 Operator : UM/SJ
 Sample : H4385-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P003-SS001-1218-01

Quant Time: Aug 13 03:21:39 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	133812	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	639869	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	447354	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.56	188	1012878	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	990448	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	1018375	20.00	ng/ul	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.48	96	8937	2.84	ng/uL	0.00
5) Phenol-d5	7.27	99	238621	17.70	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	161512	18.70	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.65	132	166745	18.13	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	137334	13.05	ng/ul	-0.02
19) Nitrobenzene-d5	9.37	128	291	0.06	ng/ul	0.06
22) 2-Nitrophenol-d4	10.02	143	116472	20.11	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	195566	17.90	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	211886	16.53	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	703492	19.21	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	827520	20.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	109915	17.58	ng/ul	-0.02
57) Fluorene-d10	15.78	176	631389	18.66	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.92	200	104080	16.02	ng/ul	-0.02
70) Anthracene-d10	17.66	188	884753	19.39	ng/ul	0.00
76) Pyrene-d10	19.95	212	937440	18.70	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.05	264	899895	19.52	ng/ul	-0.04

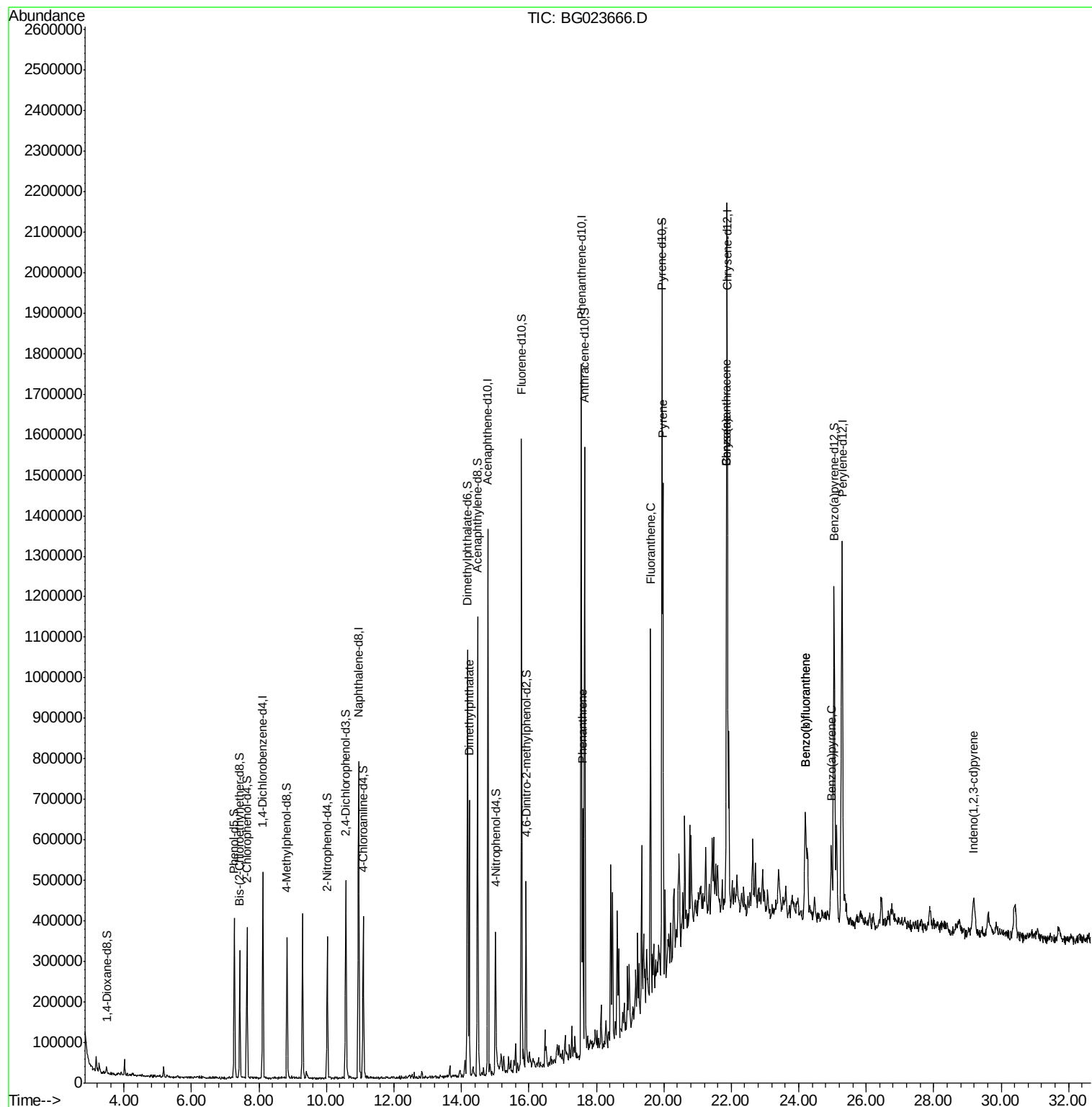
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	14.23	163	423345	11.67	ng/ul	100
69) Phenanthrene	17.60	178	374397	7.14	ng/ul	98
74) Fluoranthene	19.61	202	534873	9.96	ng/ul#	89
77) Pyrene	19.98	202	689301	11.26	ng/ul#	93
80) Benzo(a)anthracene	21.86	228	300631	5.39	ng/ul	95
82) Chrysene	21.86	228	305290	6.02	ng/ul	97
85) Benzo(b)fluoranthene	24.19	252	345511	5.96	ng/ul	96
86) Benzo(k)fluoranthene	24.19	252	345511	6.06	ng/ul#	92
88) Benzo(a)pyrene	24.96	252	181465	3.24	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.19	276	150392	2.29	ng/ul#	86

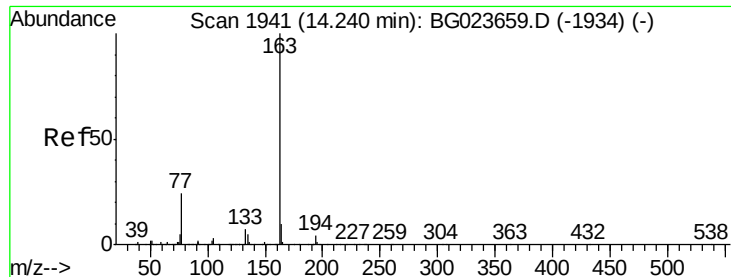
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 11.67 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

Instrument :

BNA_G

ClientSampleId :

P003-SS001-1218-01

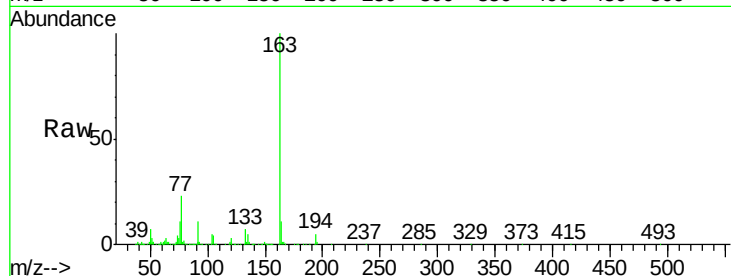
Tgt Ion:163 Resp: 423345

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

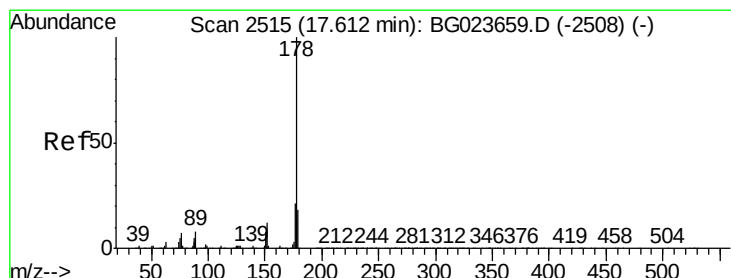
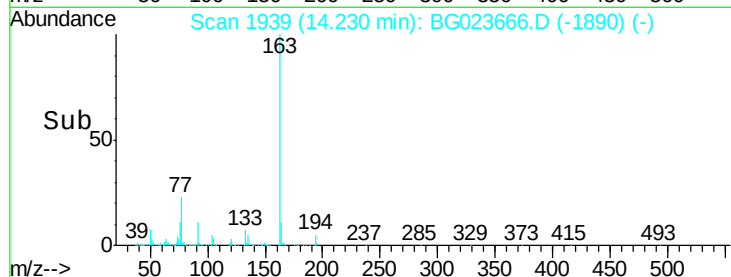
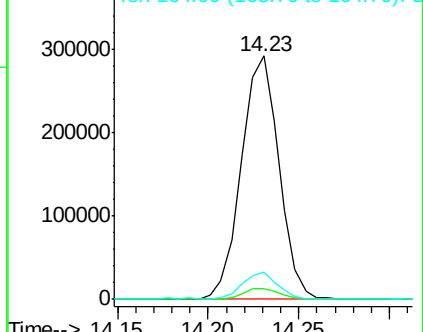
164 11.0 8.8 13.2



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: 7.14 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.02 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

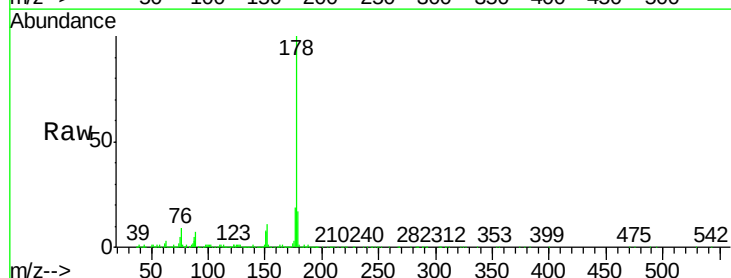
Tgt Ion:178 Resp: 374397

Ion Ratio Lower Upper

178 100

179 16.5 12.9 19.3

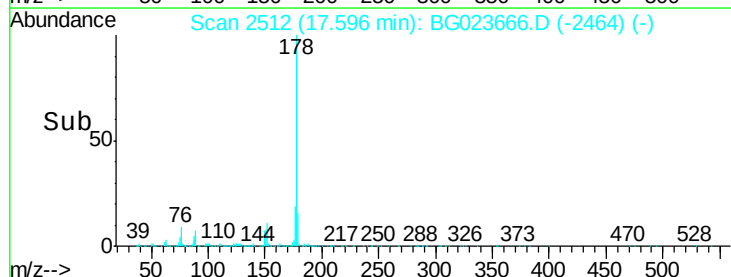
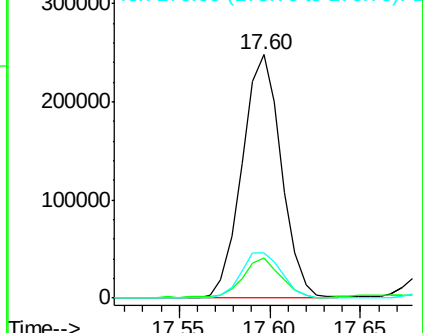
176 18.8 15.8 23.8

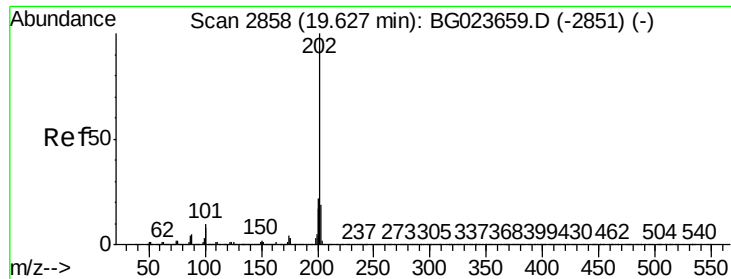


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 9.96 ng/ul

RT: 19.61 min Scan# 2855

Delta R.T. -0.02 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

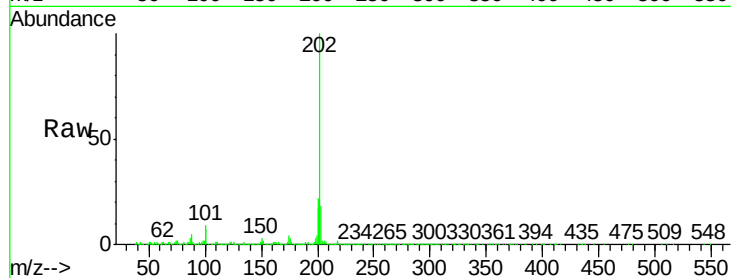
Instrument :

BNA_G

ClientSampleId :

P003-SS001-1218-01

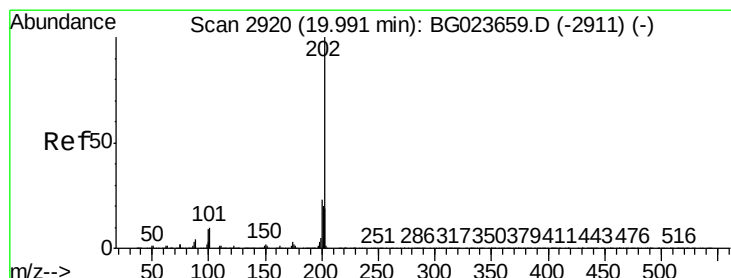
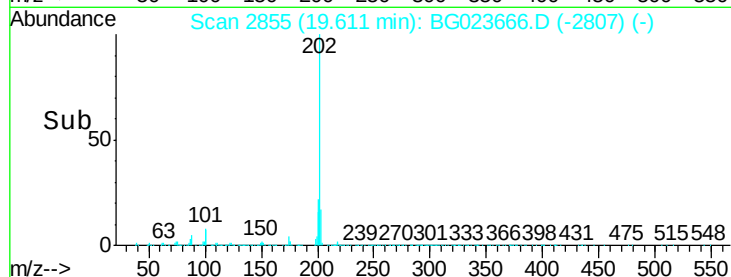
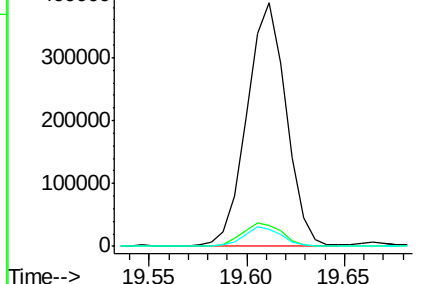
Tgt Ion:	202	Resp:	534873
Ion Ratio	Lower	Upper	
202	100		
101	8.8	10.6	16.0#
100	6.9	8.7	13.1#



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: 11.26 ng/ul

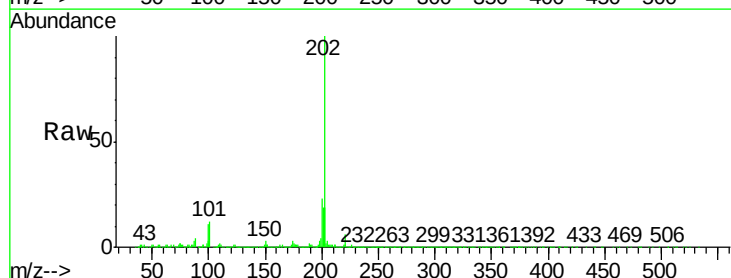
RT: 19.98 min Scan# 2917

Delta R.T. -0.02 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

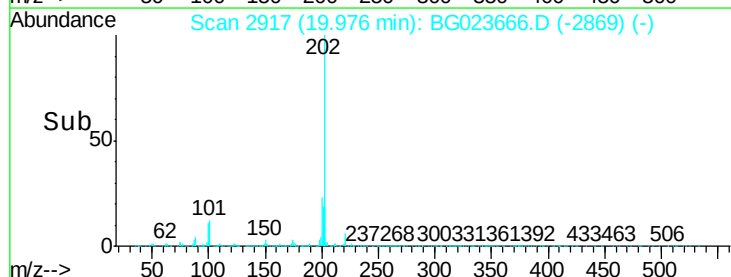
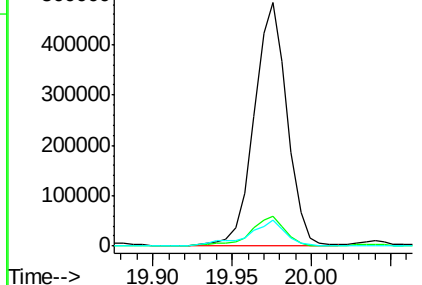
Tgt Ion:	202	Resp:	689301
Ion Ratio	Lower	Upper	
202	100		
101	12.1	12.5	18.7#
100	10.5	10.2	15.4

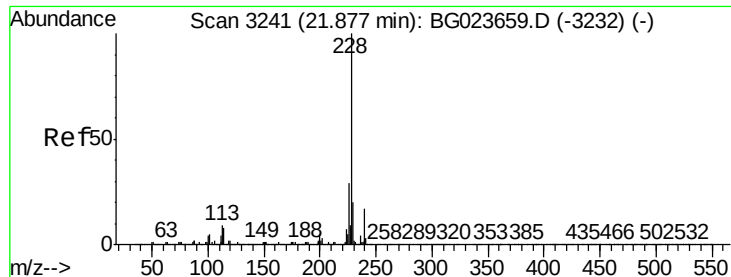


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 5.39 ng/ul

RT: 21.86 min Scan# 3237

Delta R.T. -0.02 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

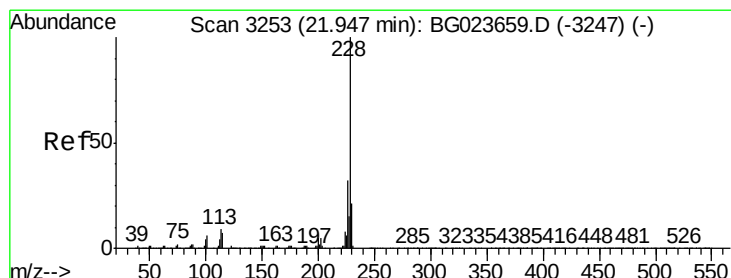
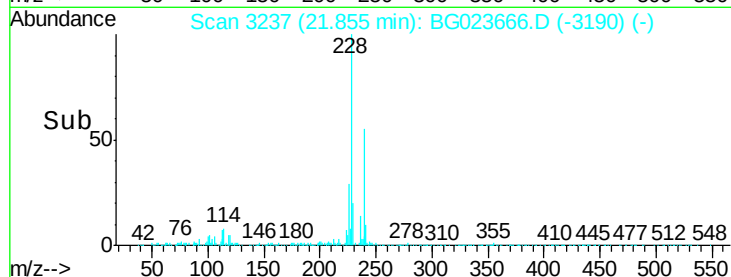
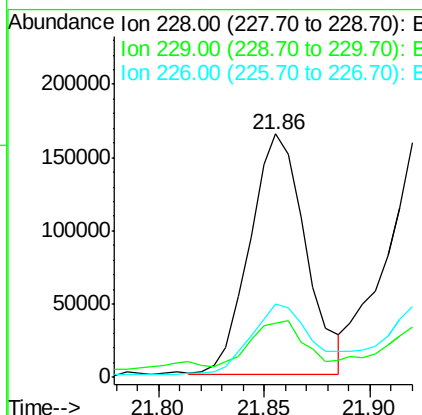
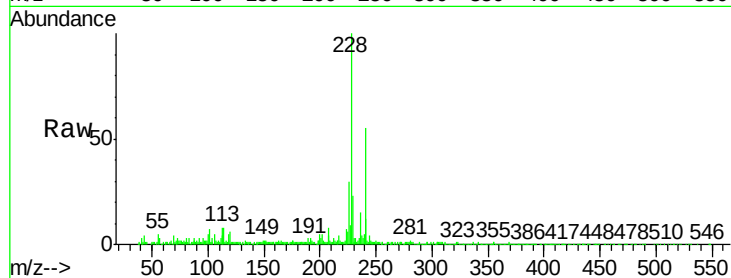
Instrument :

BNA_G

ClientSampleId :

P003-SS001-1218-01

Tgt Ion:	228	Resp:	300631
Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.4	23.2
226	30.1	22.8	34.2



#82

Chrysene

Concen: 6.02 ng/ul

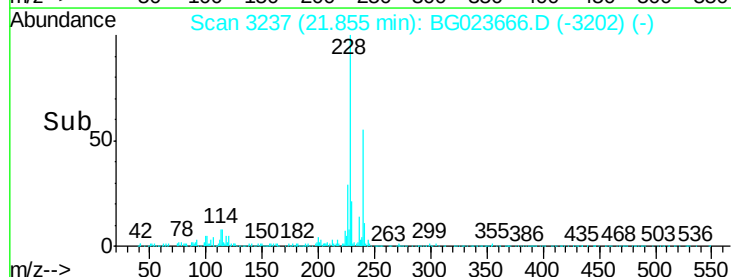
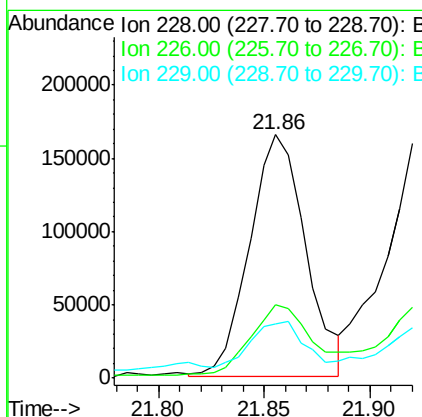
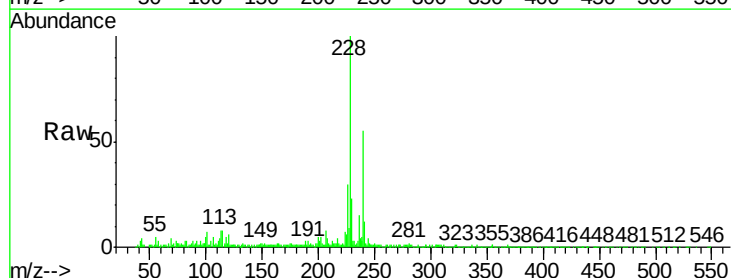
RT: 21.86 min Scan# 3237

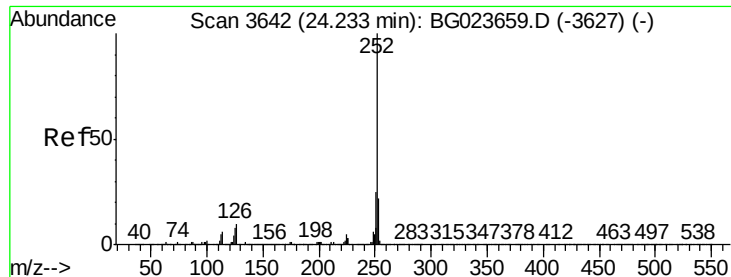
Delta R.T. -0.09 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

Tgt Ion:	228	Resp:	305290
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	22.5	15.0	22.6





#85

Benzo(b)fluoranthene

Concen: 5.96 ng/ul

RT: 24.19 min Scan# 3635

Delta R.T. -0.04 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

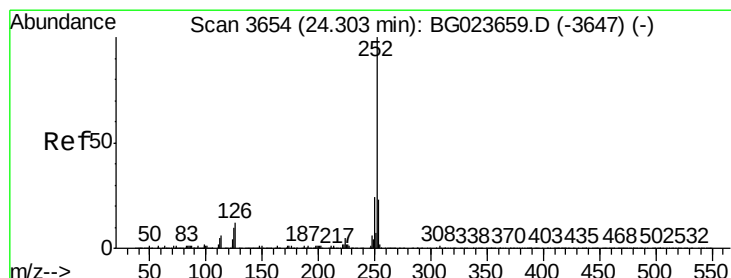
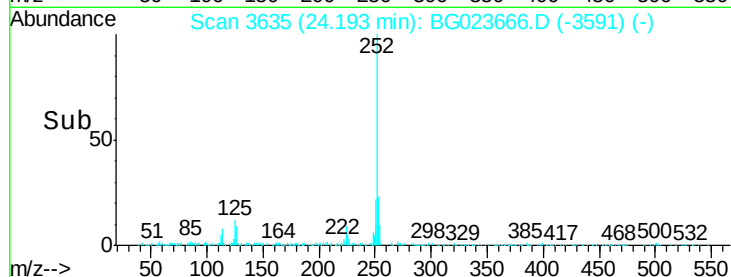
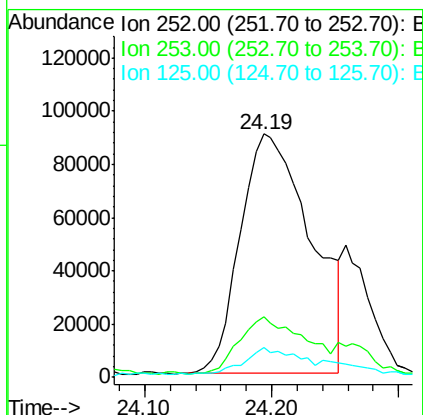
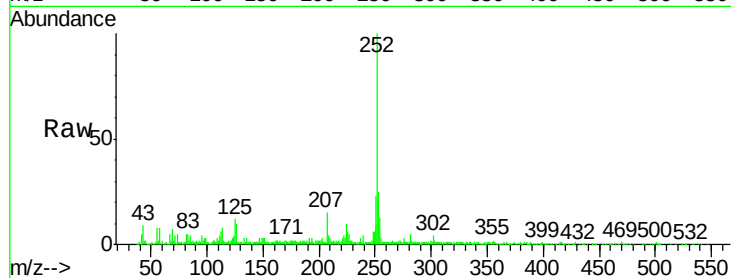
Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	252	Resp:	345511
Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.2
125	12.2	10.8	16.2



#86

Benzo(k)fluoranthene

Concen: 6.06 ng/ul

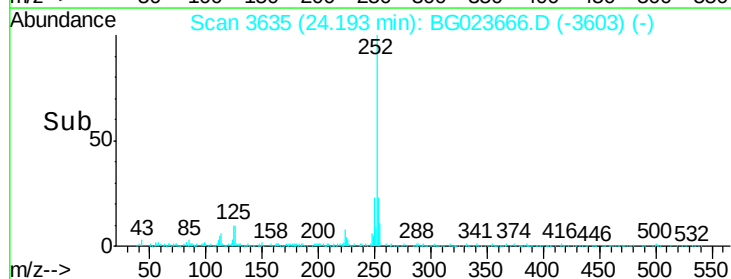
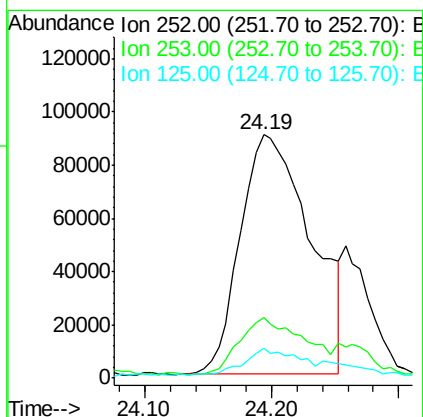
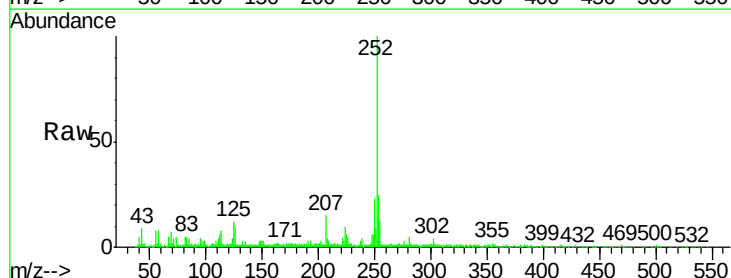
RT: 24.19 min Scan# 3635

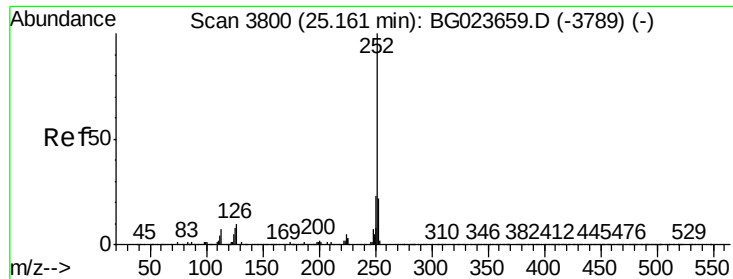
Delta R.T. -0.11 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

Tgt Ion:	252	Resp:	345511
Ion	Ratio	Lower	Upper
252	100		
253	24.8	15.8	23.6#
125	12.2	10.6	16.0





#88

Benzo(a)pyrene

Concen: 3.24 ng/ul

RT: 24.96 min Scan# 3766

Delta R.T. -0.20 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

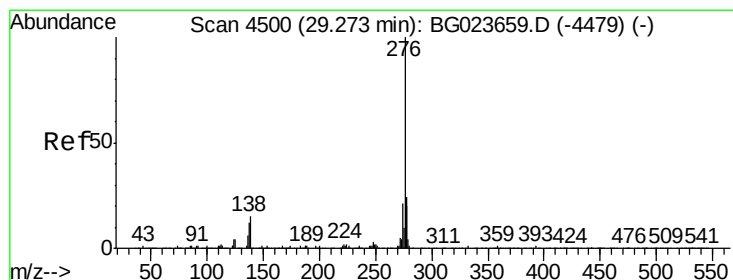
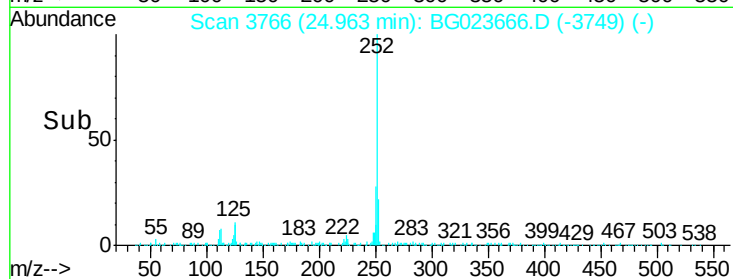
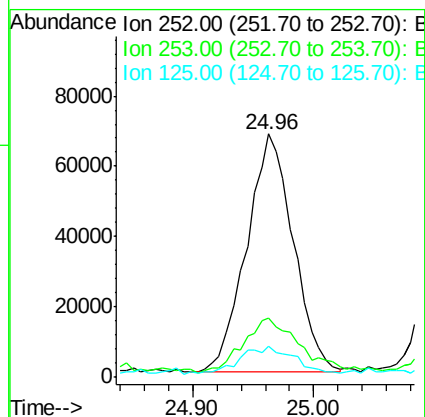
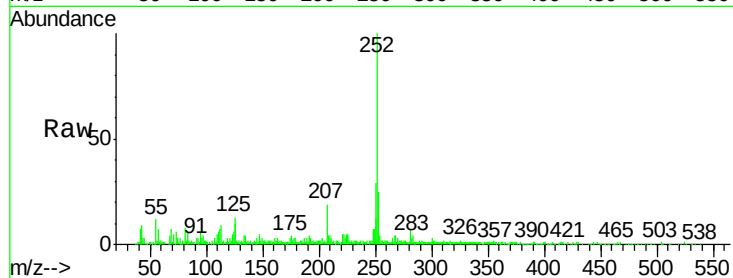
Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	252	Resp:	181465
Ion Ratio	Lower	Upper	
252	100		
253	24.6	19.0	28.4
125	12.7	12.0	18.0



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.29 ng/ul

RT: 29.19 min Scan# 4485

Delta R.T. -0.09 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

Tgt Ion:	276	Resp:	150392
Ion Ratio	Lower	Upper	
276	100		
138	15.3	20.8	31.2#
277	24.7	17.6	26.4

