

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121316\
 Data File : BG025162.D
 Acq On : 14 Dec 2016 2:04
 Operator : UM/SJ
 Sample : H5990-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P006-SS005-0106-03

Quant Time: Dec 14 03:24:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 03:19:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	84088	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	394015	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	312439	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	581879	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	731359	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	758405	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	6706	4.12	ng/uL	0.00
5) Phenol-d5	7.40	99	172058	23.72	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	120670	26.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	131730	25.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	149827	24.71	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	71629	25.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	88899	25.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	160447	23.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	106246	16.16	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	580185	27.00	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	615758	26.16	ng/ul	0.01
51) 4-Nitrophenol-d4	15.07	143	80229	21.72	ng/ul	0.00
57) Fluorene-d10	15.85	176	479885	23.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	83642	23.25	ng/ul	0.01
70) Anthracene-d10	17.71	188	664599	27.06	ng/ul	0.00
76) Pyrene-d10	19.98	212	749962	24.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	798860	26.00	ng/ul	0.02

Target Compounds

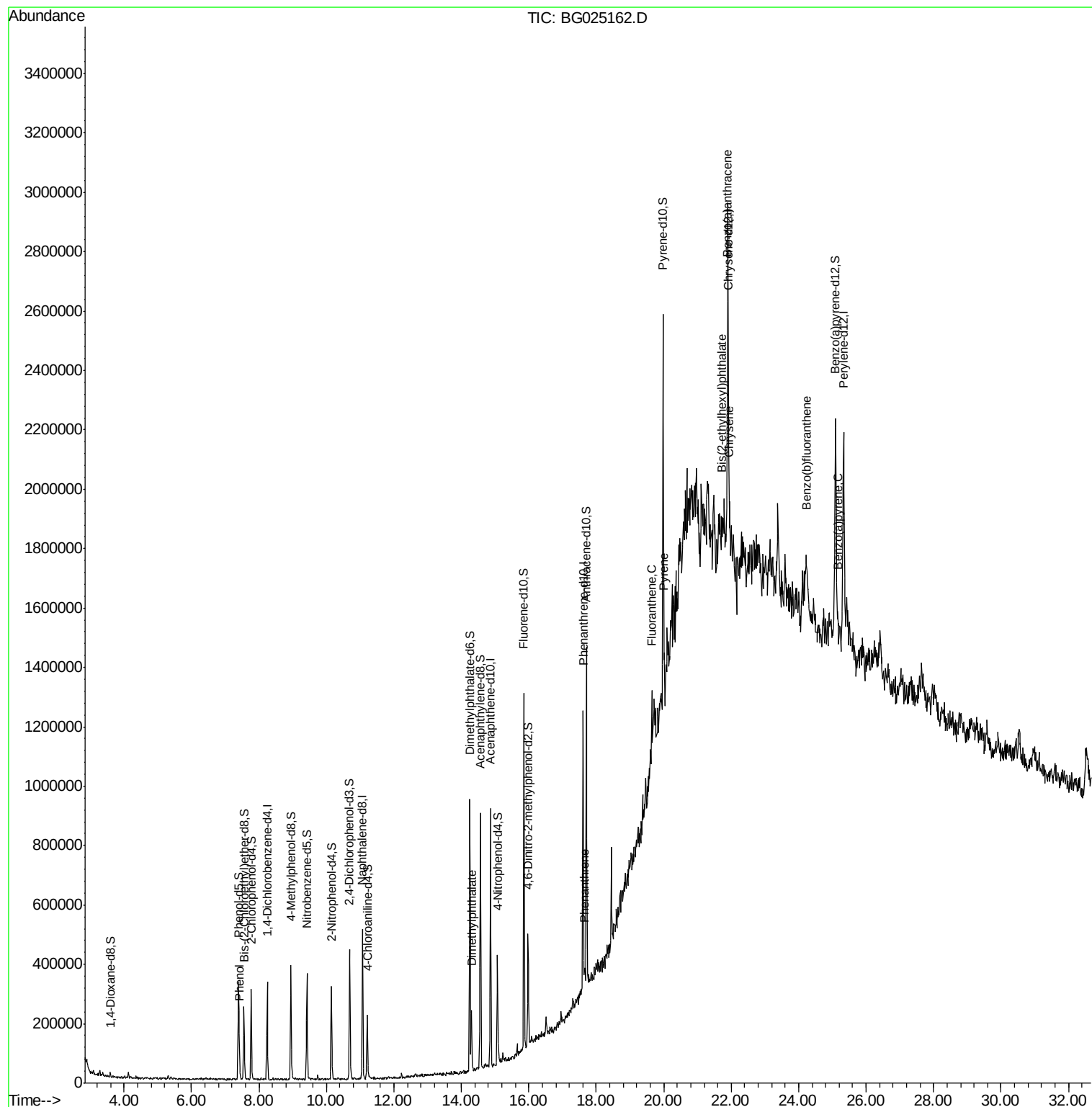
						Qvalue
6) Phenol	7.42	94	31244	4.20	ng/ul#	85
44) Dimethylphthalate	14.30	163	123396	5.84	ng/ul	95
69) Phenanthrene	17.65	178	41400	1.49	ng/ul#	89
74) Fluoranthene	19.65	202	106431	3.23	ng/ul	97
77) Pyrene	20.01	202	98869	2.81	ng/ul#	96
80) Benzo(a)anthracene	21.89	228	59056	1.55	ng/ul#	68
81) Bis(2-ethylhexyl)phthalate	21.73	149	20681	1.09	ng/ul#	46
82) Chrysene	21.95	228	71183	2.00	ng/ul#	75
85) Benzo(b)fluoranthene	24.23	252	111828	2.97	ng/ul#	64
88) Benzo(a)pyrene	25.18	252	50966	1.41	ng/ul#	38

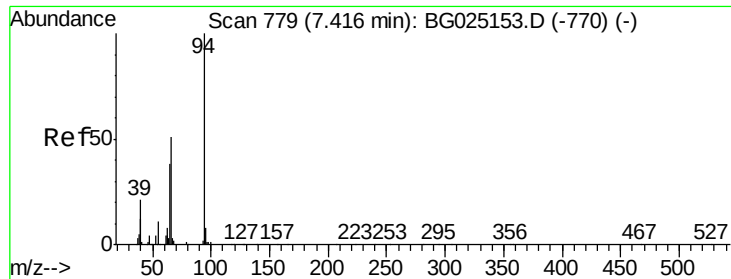
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 4.20 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG025162.D

Acq: 14 Dec 2016 2:04

Instrument :

BNA_G

ClientSampleId :

P006-SS005-0106-03

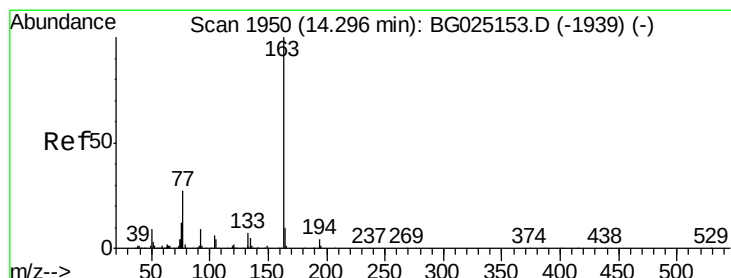
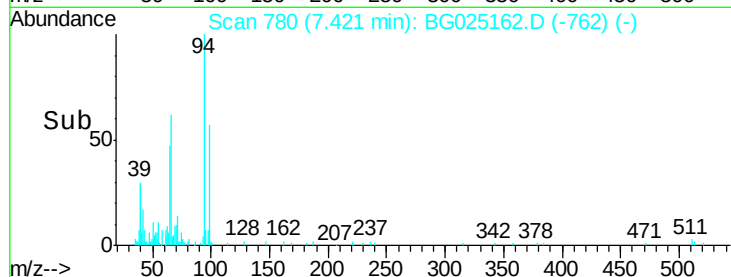
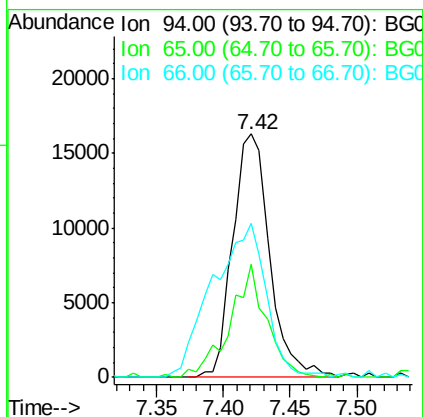
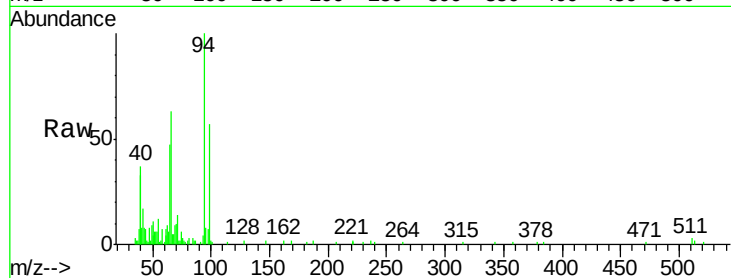
Tgt Ion: 94 Resp: 31244

Ion Ratio Lower Upper

94 100

65 46.6 26.8 40.2#

66 63.2 44.4 66.6



#44

Dimethylphthalate

Concen: 5.84 ng/ul

RT: 14.30 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BG025162.D

Acq: 14 Dec 2016 2:04

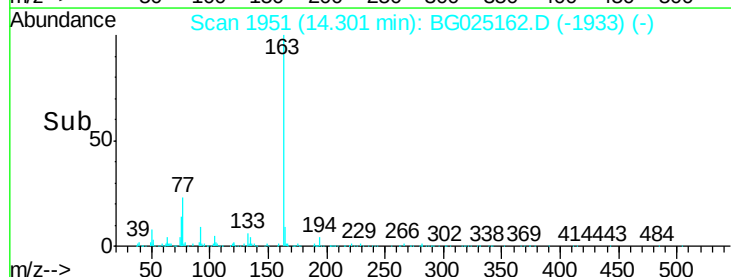
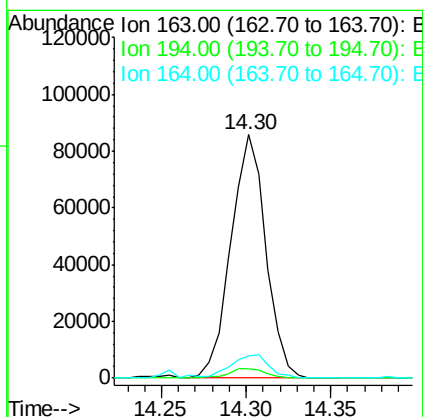
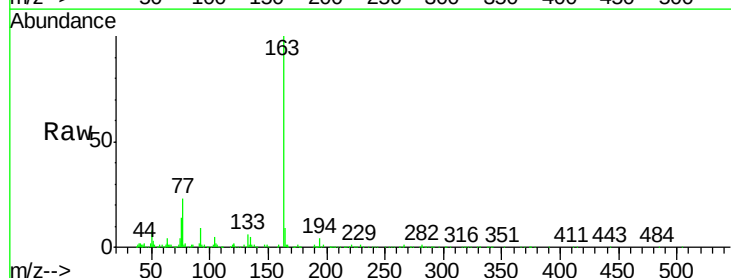
Tgt Ion: 163 Resp: 123396

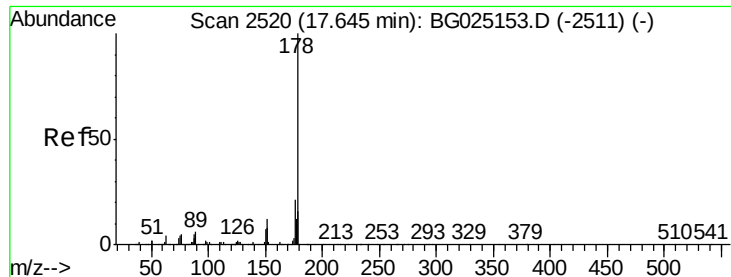
Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

164 9.0 9.0 13.4





#69

Phenanthrene

Concen: 1.49 ng/ul

RT: 17.65 min Scan# 2521

Delta R.T. 0.01 min

Lab File: BG025162.D

Acq: 14 Dec 2016 2:04

Instrument :

BNA_G

ClientSampleId :

P006-SS005-0106-03

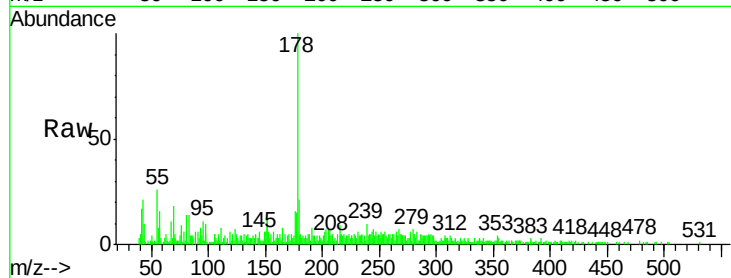
Tgt Ion:178 Resp: 41400

Ion Ratio Lower Upper

178 100

179 20.8 12.4 18.6#

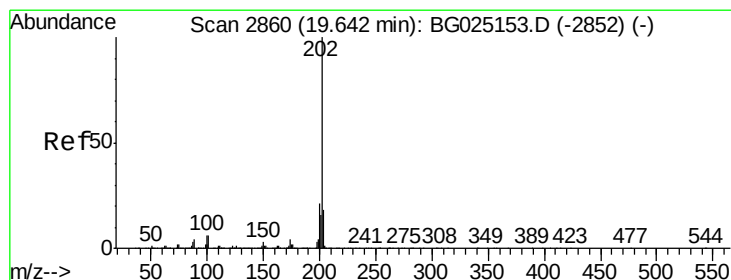
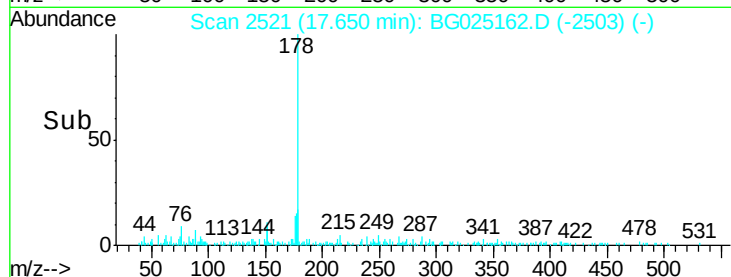
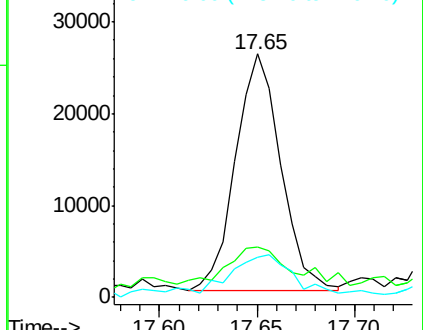
176 16.3 16.5 24.7#



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: 3.23 ng/ul

RT: 19.65 min Scan# 2861

Delta R.T. 0.01 min

Lab File: BG025162.D

Acq: 14 Dec 2016 2:04

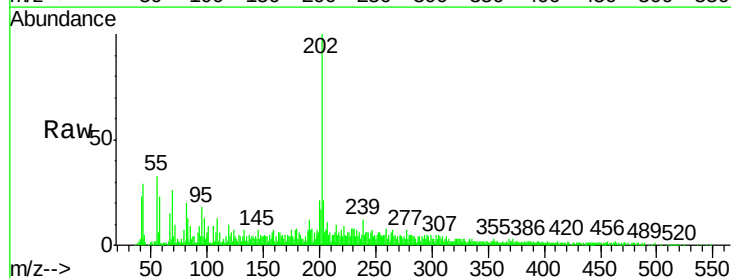
Tgt Ion:202 Resp: 106431

Ion Ratio Lower Upper

202 100

101 8.8 6.2 9.2

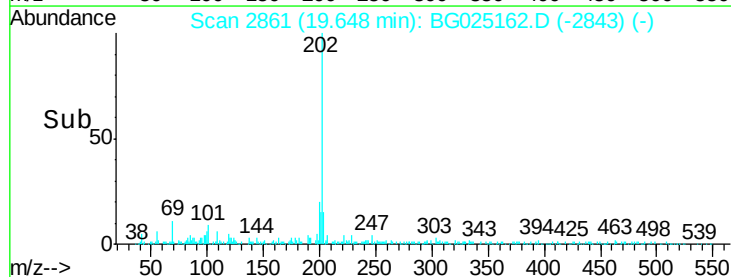
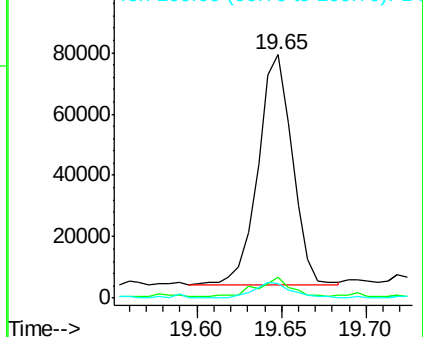
100 5.8 5.2 7.8

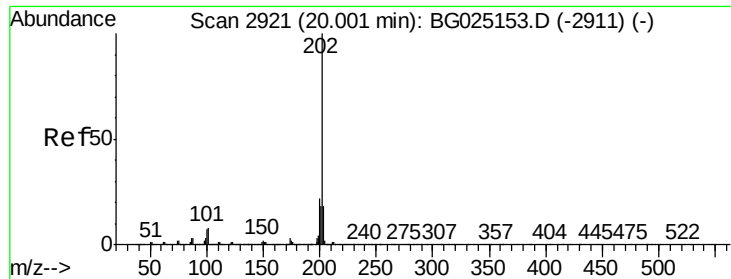


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.81 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.01 min

Lab File: BG025162.D

Acq: 14 Dec 2016 2:04

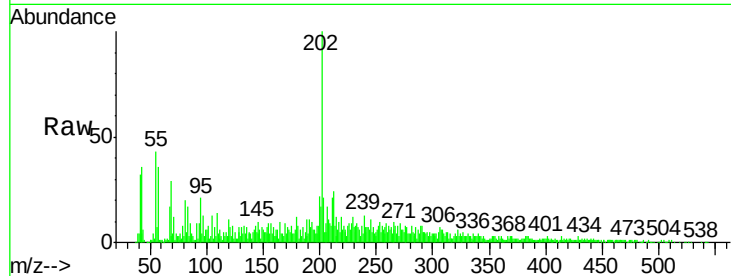
Instrument :

BNA_G

ClientSampleId :

P006-SS005-0106-03

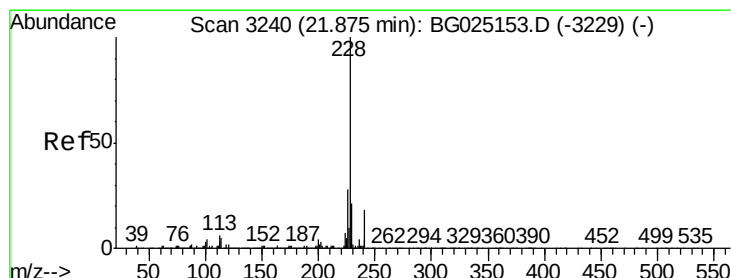
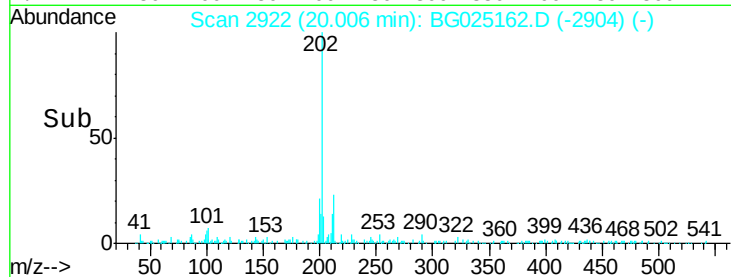
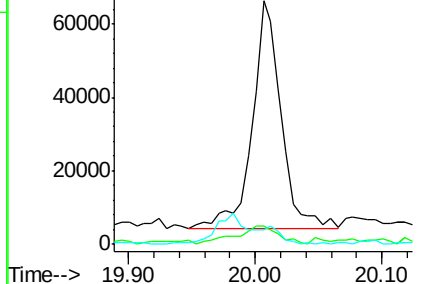
Tgt Ion:	202	Resp:	98869
Ion Ratio	Lower	Upper	
202	100		
101	9.2	6.9	10.3
100	6.0	6.6	10.0#



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): E



#80

Benzo(a)anthracene

Concen: 1.55 ng/ul

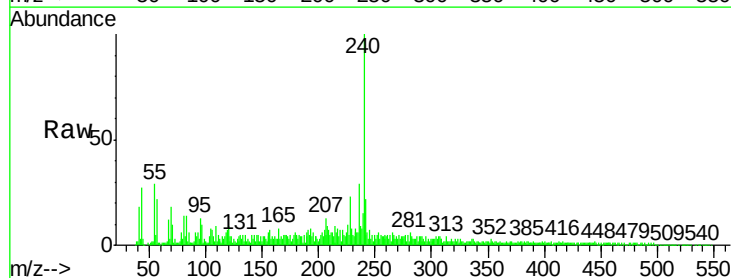
RT: 21.89 min Scan# 3242

Delta R.T. 0.01 min

Lab File: BG025162.D

Acq: 14 Dec 2016 2:04

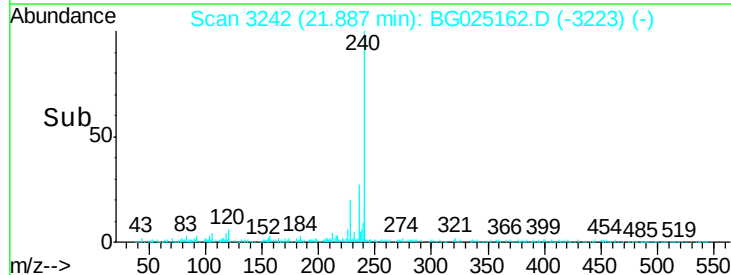
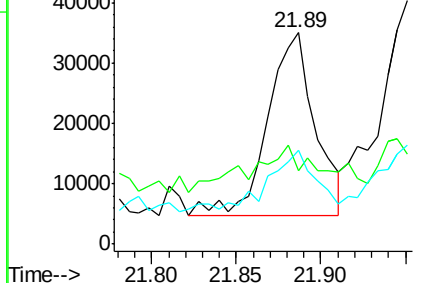
Tgt Ion:	228	Resp:	59056
Ion Ratio	Lower	Upper	
228	100		
229	34.6	16.3	24.5#
226	44.4	21.9	32.9#

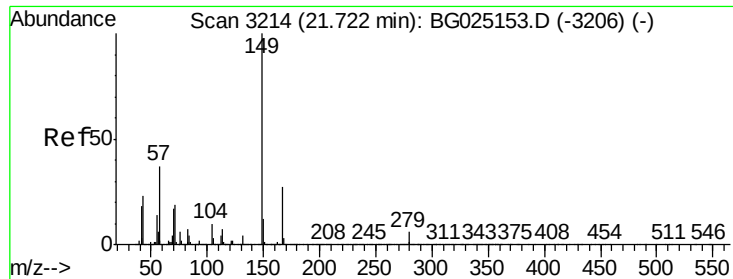


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

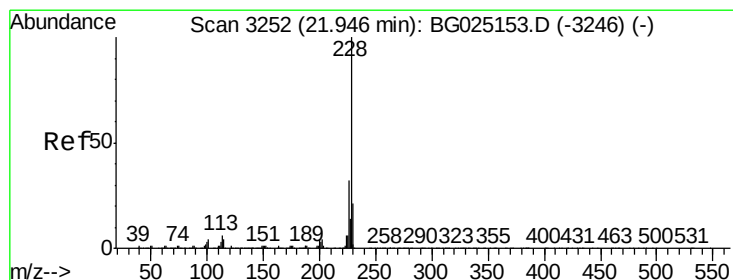
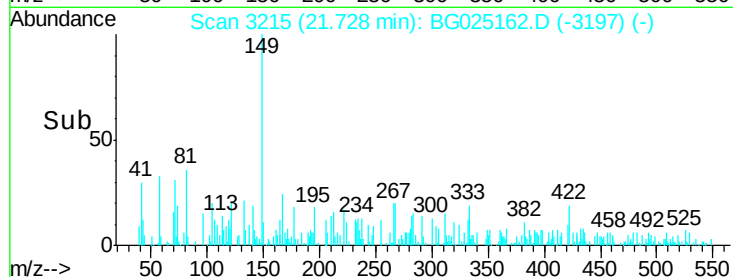
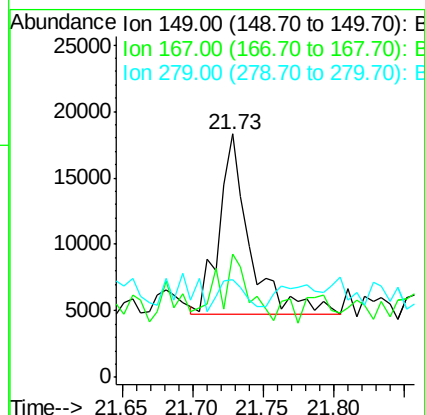
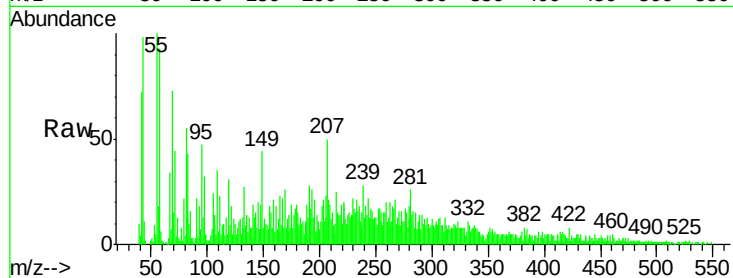




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.09 ng/ul
 RT: 21.73 min Scan# 3215
 Delta R.T. 0.01 min
 Lab File: BG025162.D
 Acq: 14 Dec 2016 2:04

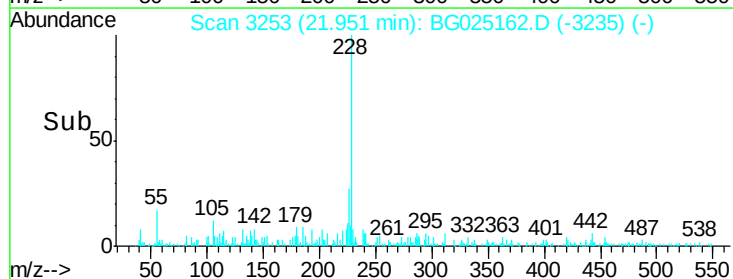
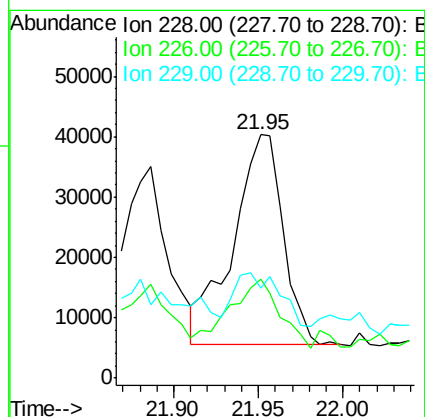
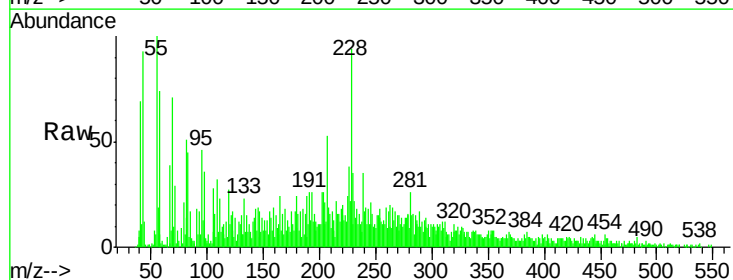
Instrument :
 BNA_G
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 P006-SS005-0106-03

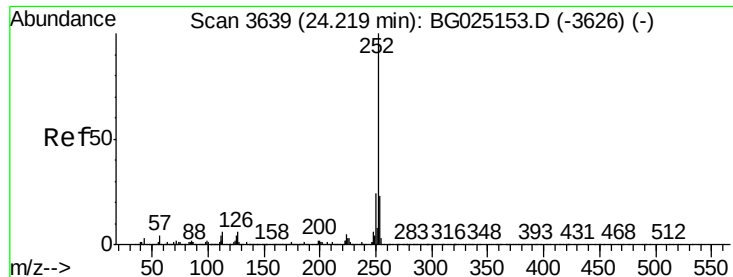
Tgt Ion	Ratio	Lower	Upper
149	100		
167	50.4	21.8	32.8#
279	40.0	4.5	6.7#



#82
 Chrysene
 Concen: 2.00 ng/ul
 RT: 21.95 min Scan# 3253
 Delta R.T. 0.01 min
 Lab File: BG025162.D
 Acq: 14 Dec 2016 2:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.4	24.0	36.0#
229	36.9	16.9	25.3#





#85

Benzo(b)fluoranthene

Concen: 2.97 ng/ul

RT: 24.23 min Scan# 3641

Delta R.T. 0.01 min

Lab File: BG025162.D

Acq: 14 Dec 2016 2:04

Instrument :

BNA_G

ClientSampleId :

P006-SS005-0106-03

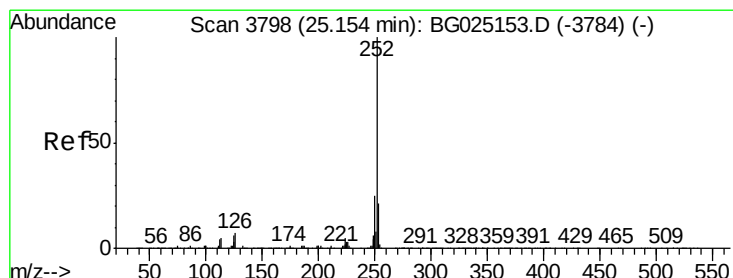
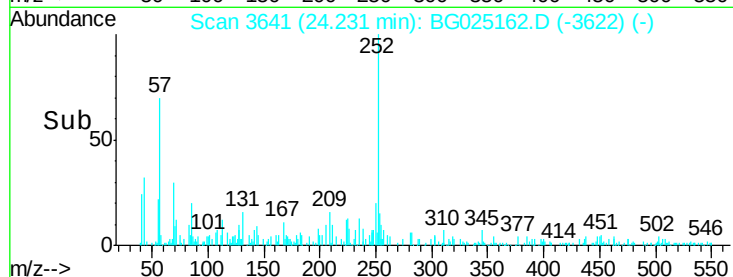
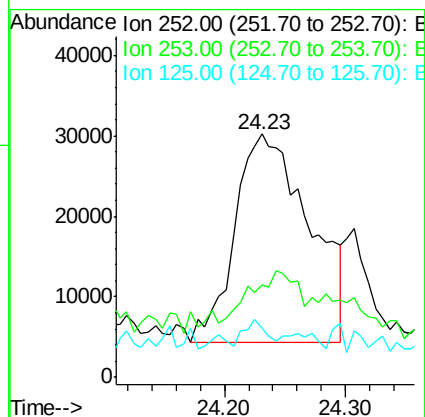
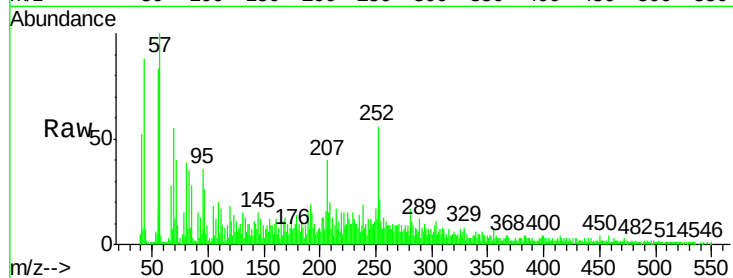
Tgt Ion:252 Resp: 111828

Ion Ratio Lower Upper

252 100

253 38.2 17.7 26.5#

125 20.0 4.0 6.0#



#88

Benzo(a)pyrene

Concen: 1.41 ng/ul

RT: 25.18 min Scan# 3802

Delta R.T. 0.02 min

Lab File: BG025162.D

Acq: 14 Dec 2016 2:04

Tgt Ion:252 Resp: 50966

Ion Ratio Lower Upper

252 100

253 51.5 17.8 26.6#

125 28.6 5.4 8.0#

